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GENERAL CATALOGUE 50 Hz

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IQNet

THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

IQNet and its partner
CISQ/IMQ-CSQ
hereby certify that the organization

DWT HOLDING SPA
VIA MARCO POLO 14 - 35035 MESTRINO (PD)
BRENDOLA (VI) - CASTELLO DI GODEGO (TV) - BIENTINA (PI) -
SAN GERMANO DEI BERICI (VI) - GESSATE (MI) -
PRC CHINA

for the following field of activities

Design, production, sale and assistance of components and electronic controls for pumps, electropumps, and pump sets for cold and hot water for civil, industrial and agricultural use

Refer to quality manual for details of applications to ISO 9001:2008 requirements

has implemented and maintains a
Quality Management System
which fulfills the requirements of the following standard

ISO 9001:2008

Issued on: 2013 - 09 - 23 Expiry date: 2015 - 06 - 15

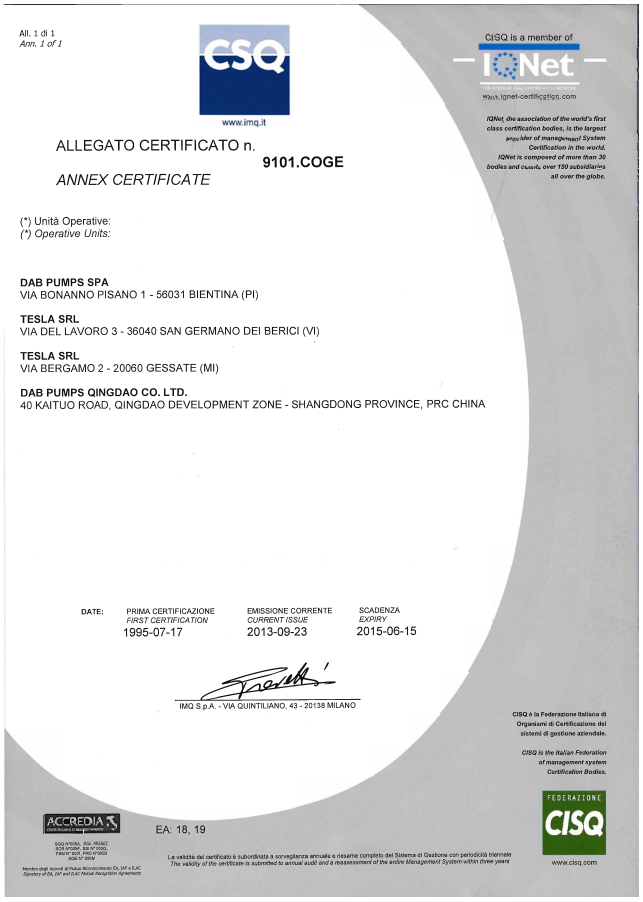
Registration Number: IT - 824

IQNet CISQ

Michael Drechsel
President of IQNET

Ing. Claudio Provetti
President of CISQ

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All. 1 di 1
Ann. 1 of 1

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ALLEGATO CERTIFICATO n. **9101.COGE**
ANNEX CERTIFICATE

(*) Unità Operative:
(*) Operative Units:

DAB PUMPS SPA
VIA BONANNO PISANO 1 - 56031 BIENTINA (PI)

TESLA SRL
VIA DEL LAVORO 3 - 36040 SAN GERMANO DEI BERICI (VI)

TESLA SRL
VIA BERGAMO 2 - 20060 GESSATE (MI)

DAB PUMPS QINGDAO CO. LTD.
40 KAITUO ROAD, QINGDAO DEVELOPMENT ZONE - SHANGDONG PROVINCE, PRC CHINA

DATE:	PRIMA CERTIFICAZIONE *FIRST CERTIFICATION*	EMISSIONE CORRENTE *CURRENT ISSUE*	SCADENZA *EXPIRY*
	1995-07-17	2013-09-23	2015-06-15

IMQ S.p.A. - VIA QUINTILIANO, 43 - 20138 MILANO

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CISQ is the Italian Federation of management system Certification Bodies.

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www.cisq.com

ACCREDIA
EA: 18, 19

La validità del certificato è subordinata a sorveglianza annuale e riesame completo del Sistema di Gestione con periodicità triennale
The validity of the certificate is submitted to annual audit and a reassessment of the entire Management System within three years



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CERTIFICATO N.
CERTIFICATE N. **9101.COGE**

SI CERTIFICA CHE IL SISTEMA QUALITA' DI
WE HEREBY CERTIFY THAT THE QUALITY SYSTEM OPERATED BY

DWT HOLDING SPA
VIA MARCO POLO 14 - 35035 MESTRINO (PD)

UNITA' OPERATIVE
OPERATIVE UNITS
DAB PUMPS
VIA MARCO POLO 14 - 35035 MESTRINO (PD)
DAB PUMPS
VIA EINAUDI 2 - 36040 BRENDOLA (VI)
DAB PUMPS
VIA E. FERMI 6-8-10 - 31030 CASTELLO DI GODEGO (TV)

Vedere gli Allegati per le altre Unità Operative (n° 1 pagina)
View the Annexes for the other Operative Units (n° 1 page)

E' CONFORME ALLA NORMA
IS IN COMPLIANCE WITH THE STANDARD
ISO 9001:2008

PER LE SEGUENTI ATTIVITA'
FOR THE FOLLOWING ACTIVITIES

Progettazione, produzione, vendita e assistenza di componenti e controlli elettronici per pompe, elettropompe e gruppi di pompaggio per acqua fredda e calda ad uso civile, industriale ed agricolo
Design, production, sale and assistance of components and electronic controls for pumps, electropumps, and pump sets for cold and hot water for civil, industrial and agricultural use

Riferirsi al manuale della qualità per l'applicabilità dei requisiti della norma ISO 9001:2008
Refer to quality manual for details of applications to ISO 9001:2008 requirements

IL PRESENTE CERTIFICATO E' SOGGETTO AL RISPETTO DEL REGOLAMENTO PER LA CERTIFICAZIONE DEI SISTEMI DI GESTIONE
THE USE AND THE VALIDITY OF THE CERTIFICATE SHALL SATISFY THE REQUIREMENTS OF THE RULES FOR CERTIFICATION OF MANAGEMENT SYSTEMS

DATE:	PRIMA CERTIFICAZIONE *FIRST CERTIFICATION*	EMISSIONE CORRENTE *CURRENT ISSUE*	SCADENZA *EXPIRY*
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NEWS - PRICE LIST 2014

NEW

ACTIVE SHIELD



INPUT / OUTPUT FILTER FOR ACTIVE DRIVER

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EVOSTA

ErP ready
DAB



WET ROTOR ELECTRONIC CIRCULATORS

PAG. 24

CME / CM-GE / DCME / DCM-GE

WITH MCE/C



ELECTRONIC IN-LINE PUMPS

PAG. 137

CPE / CP-GE / DCPE / DCP-GE

WITH MCE/C



ELECTRONIC IN-LINE PUMPS

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CM / CM-G / DCM / DCM-G



IN-LINE PUMPS

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CP / CP-G / DCP / DCP-G



IN-LINE PUMPS

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E.SYBOX



ELECTRONIC PRESSURIZATION SYSTEM

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EUROPRO HIGH FLOW



SWIMMING POOL CENTRIFUGAL PUMPS

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NKV 32 - NKV 45



MULTISTAGE CENTRIFUGAL PUMPS
WITH VERTICAL AXIS

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NOVA UP - NOVA UP X



SUBMERSIBLE PUMPS

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NOVA UP MAE



SUBMERSIBLE PUMPS

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FEKABOX/FEKAFOS 200/280



AUTOMATIC PUMPING STATION FOR 1 PUMP

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NEWS - PRICE LIST 2014

NEW

SUN4WELL



4" SUBMERSIBLE ELECTRIC SOLAR PUMP

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CS4 - oil filled motor



4" SUBMERSIBLE PUMPS

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S4 - oil filled motor



4" SUBMERSIBLE PUMPS

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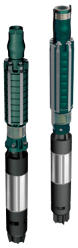
SR6



6" SUBMERSIBLE PUMPS

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SR8



8" SUBMERSIBLE PUMPS

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TR6



6" SUBMERSIBLE MOTORS

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8" SUBMERSIBLE MOTORS

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10" SUBMERSIBLE MOTORS

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12" SUBMERSIBLE MOTORS

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AQUATWIN TOP



PRESSURIZATION GROUP FOR RAINWATER RECOVERY SYSTEM

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1/2/3/4 NKV



SETS WITH VERTICAL AXIS MULTISTAGE CENTRIFUGAL PUMPS

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2 NKV 15/20 E-BOX



PRESSURIZATION GROUPS WITH 2 MULTISTAGE CENTRIFUGAL PUMPS WITH A VERTICAL AXIS

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ACTIVE DRIVER
INVERTER

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INVERTER FOR PRESSURE PUMPS

ED PAG. 6



ACTIVE SHIELD
INPUT / OUTPUT FILTER FOR ACTIVE DRIVER

NEW

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ADAC
INVERTER FOR PRESSURE PUMPS

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CONTROL PANEL

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SMART PRESS
ON/OFF CONTROLLER

AR PAG. 18



ACCESSORIES

NEW

PAG. 19

MCE/C
INVERTER

CE

CIRCULATING



The new **MCE/C** inverters are the latest technological challenge in the DAB inverters universe. They constitute the new generation of inverters for use with circulator pumps and stand out for ease of use, power, and simplicity of installation and management.
MCE/C inverters are designed for use with circulator pumps to enable simple control of differential pressure, thereby adapting pump performancee to match effective system requirements.
The solution of mounting on the motor base greatly simplifi es installation of the pump with **MCE/C** in minimal times.
Ease of programming is guaranteed by the use of an interface similar to DAB Dialogue and a graphic display.
MCE/C inverters feature dual microprocessor architecture to guarantee maximum efficiency and reliability. Sturdy and reliable construction is combined with modern and innovative styling to complete the product also in terms of aesthetics.
MCE/C inverters protect the pump thanks to integrated safety devices. They are also able to prolong the useful lifetime of the pump thanks to the elimination of water hammer and rotation of the pump at the minimum rpm necessary to meet the requirements of the user.
Last but not least, these inverters save power by keeping pump consumption to the minimum levels strictly necessary to meet user requirements.

Equipped with communication module for the creation of twin pumpsets.

ACCESSORIES
PAG. 19

TECHNICAL DATA

MODEL	CODE
MCE/C 11	60144656
MCE/C 15	60144657
MCE/C 22	60144659
MCE/C 30	60144660
MCE/C 55	60144662
MCE/C 110	60144664
MCE/C 150	60144665

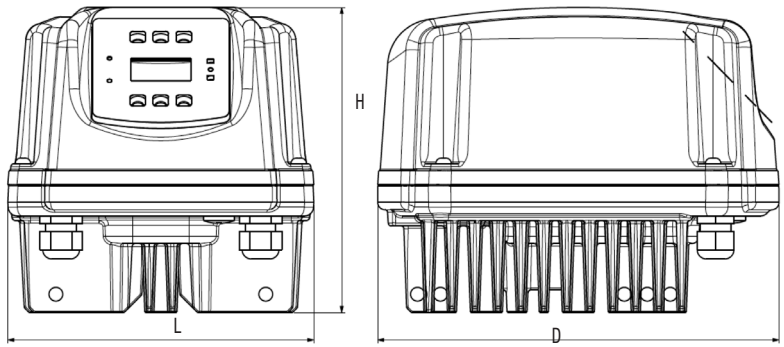
NOMINAL MOTOR POWER KW	MAX NOMINAL MOTOR CURRENT A	MIN NOMINAL MOTOR CURRENT A	VOLTAGE 50 Hz	PUMP VOLTAGE 50 Hz	MOTOR FRAME
1.1	6.5	1.0	*Single-phase* 1x230	*Three-phase* 3x230	71 80
1.5	8,0	1.0	*Single-phase* 1x230	*Three-phase* 3x230	90
2.2	10.5	1.0	*Single-phase* 1x230	*Three-phase* 3x230	90 100
3	7,5	2.0	*Three-phase* 3x400	*Three-phase* 3x400	100
5,5	13,5	2.0	*Three-phase* 3x400	*Three-phase* 3x400	112 132
11.0	24	2.0	*Three-phase* 3x400	*Three-phase* 3x400	132 160
15.0	32	2.0	*Three-phase* 3x400	*Three-phase* 3x400	160

PRODUCTS SUPPLIED WITH MCE/C

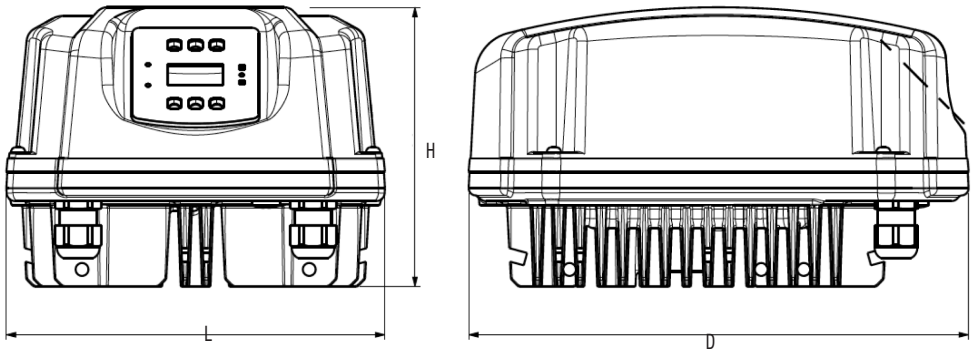
IN-LINE PUMPS		CENTRIFUGAL PUMPS	
ALME- ALPE	pag. 125	**KCE -KCVE**	pag. 222
KLME- KLPE /DKLME - DKLPE	pag. 128	**NKM-GE / NKP-GE**	pag. 336
CME / CM-GE / DCM	pag. 137	**KDNE 4-2 POLES**	pag. 357
CPE / CP-GE / DCPE	pag. 162		

DIMENSIONS AND WEIGHTS

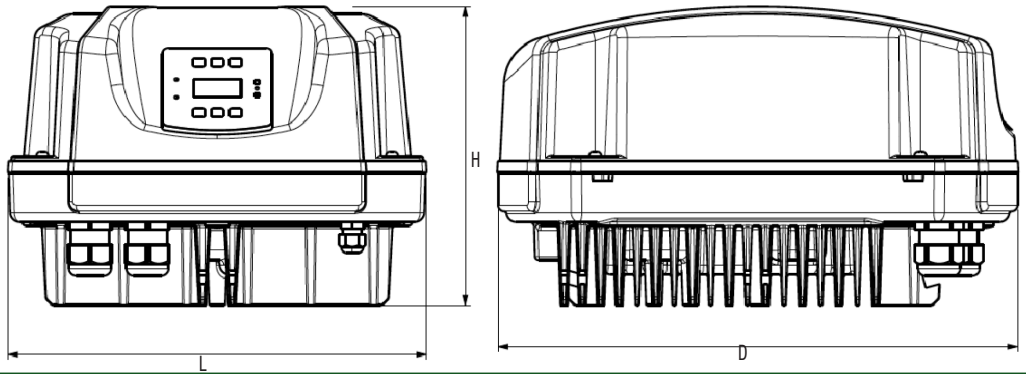
MCE/C 11 - 15 - 22



MCE/C 30 - 55



MCE/C 110 - 150



MODEL	L	H	D	PACKAGING DIMENSIONS			WEIGHT KG	Q.TY x PALLET
				L/D	L/L	H		
MCE/C 11	200	199	262	265	235	215	5	48
MCE/C 15	200	199	262	265	235	215	5	48
MCE/C 22	200	199	262	265	235	215	5	48
MCE/C 30	267	196	352	360	280	200	7,6	32
MCE/C 55	267	196	352	360	280	200	7,6	32
MCE/C 110	343	244	425	435	345	265	12	12
MCE/C 150	343	244	425	435	345	265	12	12

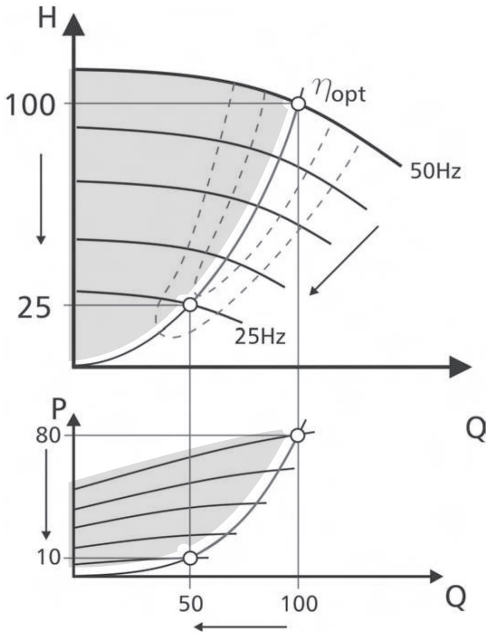
DAB PUMPS reserves the right to make modifications without notice

ENERGY SAVING

Reducing motor speed, even marginally, can lead to an appreciable reduction in power consumption because the absorbed power of an electric motor is proportional to the rpm cubed. For example, a pump powered by the mains that runs at approximately 2950 rpm, will run approximately 20% slower (i.e. at 2360 rpm) when fed with a 40 Hz supply, leading to a saving of 40% in terms of absorbed power. The motor speed reduction increases pump life signifi cantly, thanks to the reduction of mechanical stress.

Pump performance in relation to variations in rpm
Pump rpm n has a very signifi cant infl uence on pump performance.
In the absence of cavitation phenomena the law of similarity is applicable, as shown in equation 1.

- Flow rate changes in a linear manner with changes in speed.
- Pressure changes in a squared relationship with changes in rpm.
- Power changes in a cubed relationship with changes in rpm.
- A small change in rpm produces a very large change in power.



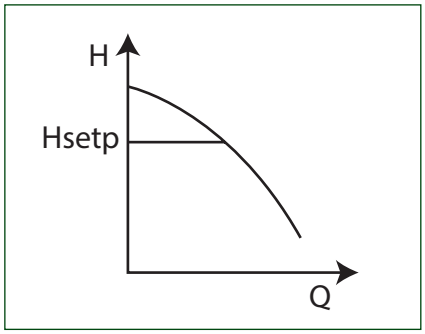
- a lowering of the fl ow acc. to the linear function.
- a reduction of the head according to a quadratic function.
- a reduction of the power consumption acc. to a cubic function!

OPERATING MODES

All the functions listed below can be consulted by all users (even the least skilled) by just scrolling through the MCE/C menu. Calibration and parameter modifi cation are protected functions, permitted only to skilled users.

Constant differential pressure control mode ΔP-c

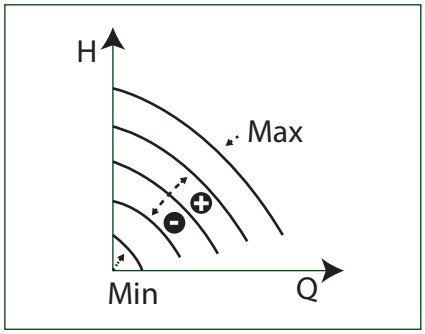
ΔP-c control mode keeps the system's differential pressure constant at the H value set (setp) as the fl ow rate varies. This is the standard control mode, for normal use. It can be set directly from the MCE/C's control panel. The inverter maintains the differential pressure (H setp) constant as the fl ow rate varies.

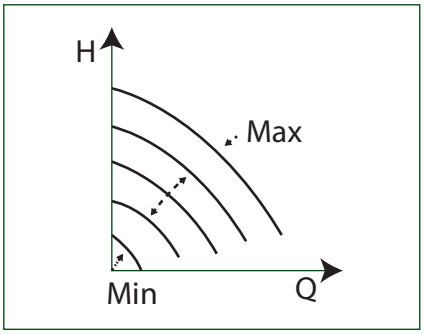


This control mode is particularly useful in the following types of installations

A Two-pipe central heating systems with thermostatic valves.
B Under-floor central heating systems with thermostatic valves.
C Single-pipe central heating systems with thermostatic and calibration valves.
D Installations having primary circuit pumps.

CONSTANT CURVE CONTROL MODE



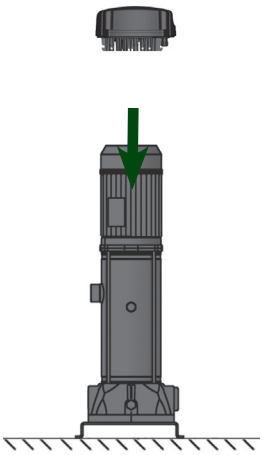


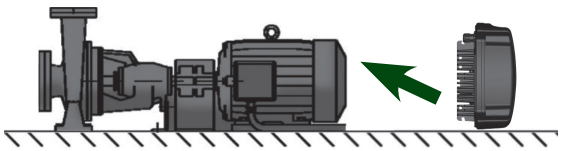
CONSTANT CURVE CONTROL
The rotation speed is kept at a constant rpm. The rotation speed can be set between a minimum value and the rated frequency of the circulation pump (e.g. between 15 Hz and 50 Hz).
This mode can be set using the control panel on the cover of the MCE.

CONSTANT CURVE CONTROL WITH REMOTE ANALOGUE SIGNAL
The rotation speed is kept at a constant number of rpm proportional to the voltage of the remote analogue signal.
The rotation speed varies on a linear scale between the rated frequency of the pump when Vin = 10V and the minimum frequency when Vin = 0V. This mode can be set using the control panel on the cover of the MCE.

CONNECTIONS ON MOTOR

1 Hydraulic diagram





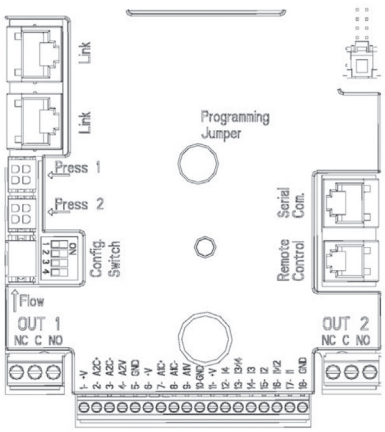


The MCE is installed on the motor base.
The inverter can operate both vertically and horizontally.
2 kits are available for assembly on the motor:
Tie-rods:
These are connected to the MCE dissipator and fan cover.
They require a solid fan cover able to withstand the weight of the inverter, i.e. secured by means of bolts or screws.

Fan cover kit:
The fan cover kit is used in all situations where the fan cover is not sufficiently solid or strong enough to withstand the weight of the inverter.

TWIN OPERATION

Groups of up to 2 pumps can be created. To do this, the pumps must be hydraulically connected to the same output and inlet manifolds (naturally, this is not necessary for twin circulation pumps).
The 2 MCE/C inverters also have to be connected using the special interconnection cable, connecting both inverters to one of the 2 connectors marked Link.
For the twin system to operate correctly, all the external connections of the input terminal board must be parallel connected between the 2 MCE/C units, with the numbers of the individual pins corresponding (e.g. pin 17 of MCE- 22/C-1 to pin 17 of MCE-22/C-2 and so on).



MCE/P
INVERTER

PRESSURE PUMPS



MCE/P is the leading edge of teh Dab Inverters family and are ideal for professional and very severe applications. They can drive pumps of up to 15 kW. These units combine the simplicity with the robust design and power of an inverter drive.
MCE/P are mounted on the pump, and are equipped with pressure sensors and the **optional flow sensors** as required. The use of a flow sensor, moreover, allows a better pressure regulation.
The **MCE/P** can easily be set up in booster sets,thanks to a standard wire cable connection.
Comfort, energy saving, protections and simplicity are the keywords of this professional series.

The **MCE/P** units are air cooled.
The **MCE/P** can be easily installed in existing systems and can operates with all pumps Facility to create sets with interchange of up to 8 pumps

ACCESSORIES
PAG. 19

TECHNICAL DATA

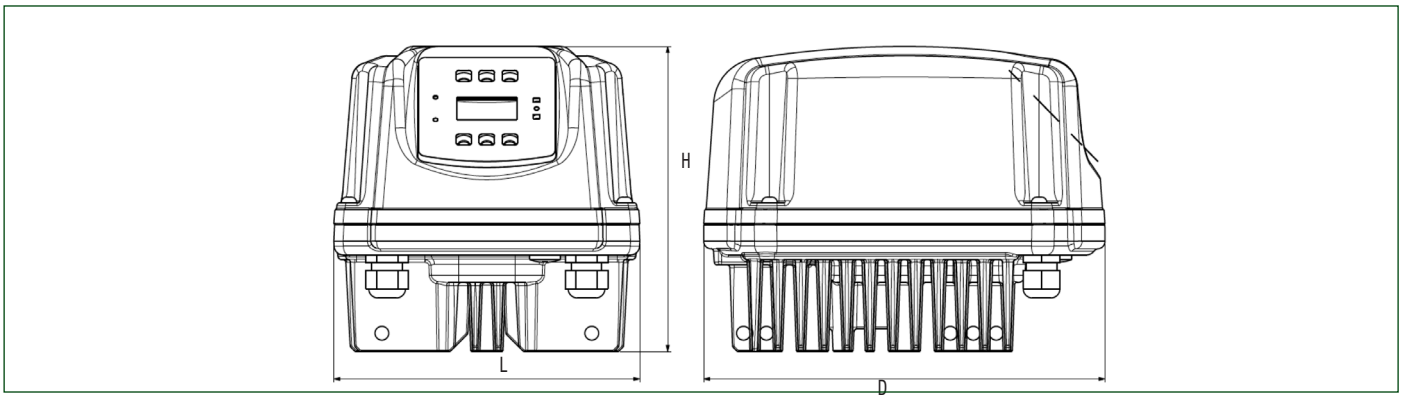
MODEL	CODE	NOMINAL MOTOR POWER KW	MAX NOMINAL MOTOR CURRENT A	MIN NOMINAL MOTOR CURRENT A	VOLTAGE 50 Hz	PUMP VOLTAGE 50 Hz	MOTOR FRAME
MCE/P 11	**60145919**	1.1	6.5	1.0	*Single-phase* 1x230	*Three-phase* 3x230	71 80
MCE/P 15	**60145920**	1,5	8,0	1.0	*Single-phase* 1x230	*Three-phase* 3x230	90
MCE/P 22	**60145921**	2.2	10.5	1.0	*Single-phase* 1x230	*Three-phase* 3x230	90 100
MCE/P 30	**60145922**	3	7,5	2.0	*Three-phase* 3x400	*Three-phase* 3x400	100
MCE/P 55	**60145923**	5,5	13,5	2.0	*Three-phase* 3x400	*Three-phase* 3x400	112 132
MCE/P 110	**60145924**	11.0	24	2.0	*Three-phase* 3x400	*Three-phase* 3x400	132 160
MCE/P 150	**60145925**	15.0	32	2.0	*Three-phase* 3x400	*Three-phase* 3x400	160

PRODUCTS SUPPLIED WITH MCE/P

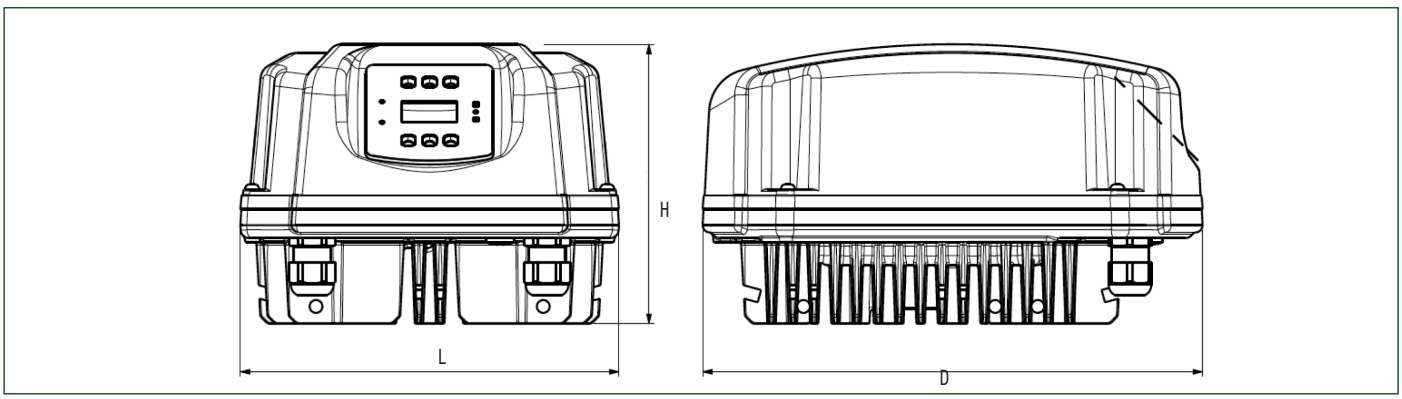
CENTRIFUGAL PUMPS		PRESSURE UNITS	
KE SINGLE IMPELLER	pag. 294	**2/3/4 NKVE 10-15-20 MCE/P**	pag. 627
KE TWIN IMPELLER	pag. 296		
NKM-GE / NKP-GE	pag. 298		
KDNE 4-2 POLES	pag. 311		
KVCE 30-50-80-120	pag. 325		
KVE 3-6-10	pag. 328		
NKVE 10-15-20	pag. 331		

DIMENSIONS AND WEIGHTS

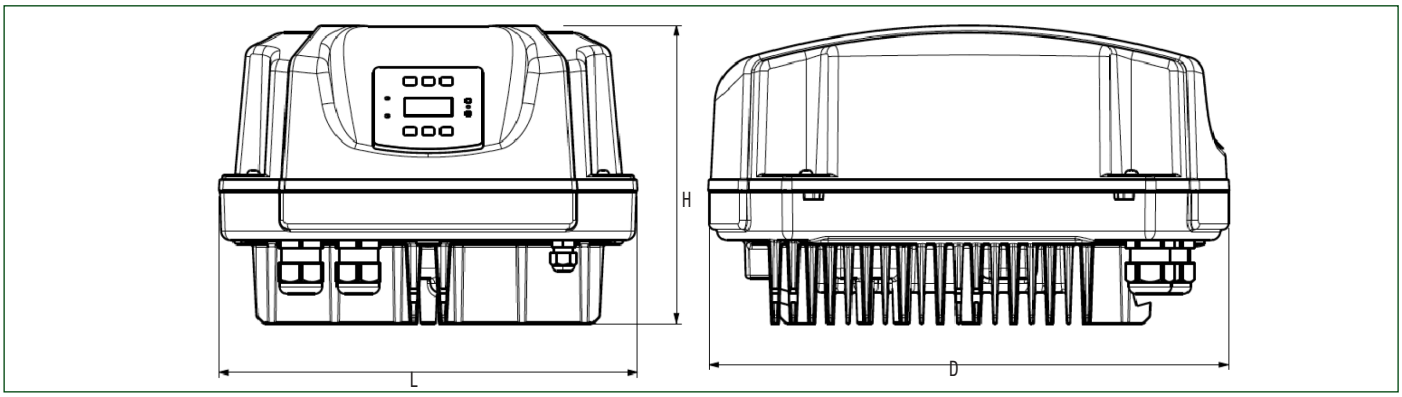
MCE/P 11 - 15 - 22



MCE/P 30 - 55



MCE/P 110 - 150



MODEL	L	H	D	PACKAGING DIMENSIONS			WEIGHT KG	Q.TY x PALLET
				L/D	L/L	H		
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MCE/P 15	200	199	262	265	235	215	5	24
MCE/P 22	200	199	262	265	235	215	5	24
MCE/P 30	267	196	352	360	280	200	7,6	32
MCE/P 55	267	196	352	360	280	200	7,6	32
MCE/P 110	343	244	425	435	345	265	12	12
MCE/P 150	343	244	425	435	345	265	12	12

ENERGY SAVING

Reducing motor speed, even marginally, can lead to an appreciable reduction in power consumption because the absorbed power of an electric motor is proportional to the rpm cubed. For example, a pump powered by the mains that runs at approximately 2950 rpm, will run approximately 20% slower (i.e. at 2360 rpm) when fed with a 40 Hz supply, leading to a saving of 40% in terms of absorbed power. The motor speed reduction increases pump life signifi cantly, thanks to the reduction of mechanical stress.

Pump performance in relation to variations in rpm
Pump rpm n has a very signifi cant infl uence on pump performance.
In the absence of cavitation phenomena the law of similarity is applicable, as shown in equation 1.

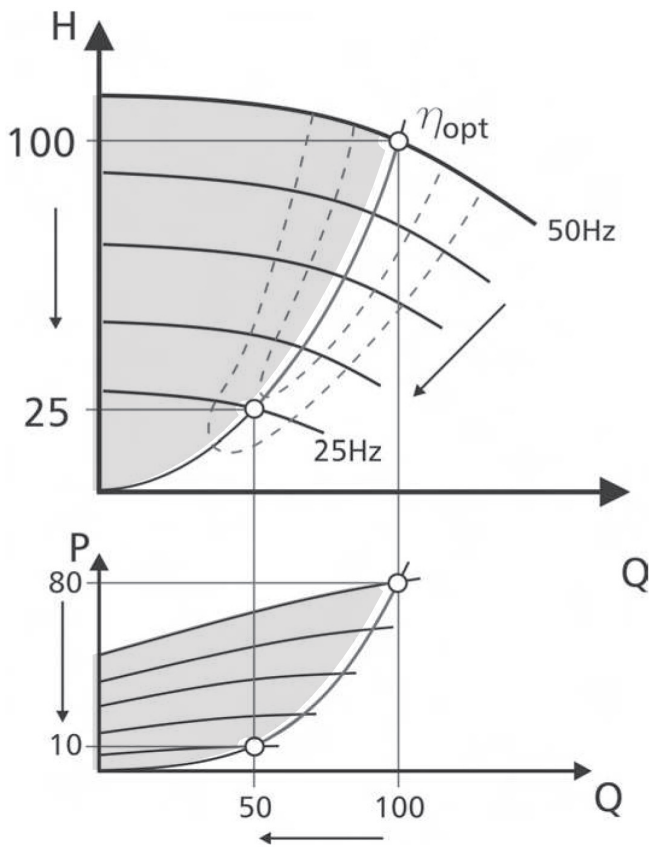
- Flow rate changes in a linear manner with changes in speed.
- Pressure changes in a squared relationship with changes in rpm.
- Power changes in a cubed relationship with changes in rpm.
- A small change in rpm produces a very large change in power.

Equation 1

$$\frac{Q_x}{Q} = \frac{n_x}{n} \qquad Q_x = Q \times \frac{n_x}{n}$$

$$\frac{H_x}{H} = \left(\frac{n_x}{n}\right)^2 \qquad H_x = Hx \left(\frac{n_x}{n}\right)^2$$

$$\frac{P_x}{P} = \left(\frac{n_x}{n}\right)^3 \qquad P_x = Px \left(\frac{n_x}{n}\right)^3$$



- a lowering of the fl ow acc. to the linear function.
- a reduction of the head according to a quadratic function.
- a reduction of the power consumption acc. to a cubic function!

POWER ECONOMY TABLE

MCE/P 11 – MCE/P 15 – MCE/P 22

Example showing use of a 2,2 kW pump for 10 hours/day *

Performance required of the pump	Minutes/ day	Instantaneous power (ON/OFF)	Power with MCE/P	kWh (ON/OFF)	kWh (INVERTER)	kWh saved
0% - 20%	30	1,32	0,50	0,66	0,25	0,41
20% - 30%	30	1,32	0,50	0,66	0,25	0,41
30% - 40%	60	1,37	0,55	1,37	0,55	0,82
40% - 50%	240	1,41	0,60	5,66	2,39	3,27
50% - 60%	120	1,54	0,69	3,08	1,38	1,70
60% - 70%	54	1,82	0,94	1,64	0,85	0,79
70% - 80%	30	2,04	1,30	1,02	0,65	0,37
80% - 90%	24	2,17	1,76	0,87	0,70	0,16
90% - 100%	12	2,20	2,07	0,44	0,41	0,03
			TOT.	**15,39**	**7,44**	**7,95**

YEARLY SAVING
7,95 kWh X 365 = **2902 kWh**
2902 kWh X 0,2 €/ kWh =
€ 580,34

As we will see, in an average day of operation the MCE/P unit provides **a saving of 7,95 kWh,** equivalent to 60%, with respect to the consumption of a conventional on/off pump.

MCE/P 30 – MCE/P 55

Example showing use of a5,5 kW pump for 10 hours/day *

Performance required of the pump	Minutes/ day	Instantaneous power (ON/OFF)	Power with MCE/P	kWh (ON/OFF)	kWh (INVERTER)	kWh saved
0% - 20%	30	3,30	1,26	1,65	0,63	1,02
20% - 30%	30	3,30	1,26	1,65	0,63	1,02
30% - 40%	60	3,42	1,38	3,42	1,38	2,04
40% - 50%	240	3,54	1,49	14,14	5,97	8,17
50% - 60%	120	3,85	1,73	7,70	3,46	4,24
60% - 70%	54	4,56	2,36	4,10	2,12	1,98
70% - 80%	30	5,11	3,26	2,55	1,63	0,92
80% - 90%	24	5,42	4,40	2,17	1,76	0,41
90% - 100%	12	5,50	5,19	1,10	1,04	0,06
			TOT.	**38,48**	**18,61**	**19,87**

YEARLY SAVING
19,87 kWh X 365 = **7254 kWh**
7254 kWh X 0,2 €/ kWh =
€ 1.450,85

As we will see, in an average day of operation the MCE/P unit provides a **saving of 19,87 kWh,** equivalent to 60%, with respect to the consumption of a conventional on/off pump.

MCE/P 110 – MCE/P 150

Example showing use of a 15 kW pump for 10 hours/day *

Performance required of the pump	Minutes/day	Instantaneous power (ON/OFF)	Power with PWM	kWh (ON/OFF)	kWh (INVERTER)	kWh saved
0% - 20%	30	9,00	3,43	4,50	1,71	2,79
20% - 30%	30	9,00	3,43	4,50	1,71	2,79
30% - 40%	60	9,32	3,75	9,32	3,75	5,57
40% - 50%	240	9,64	4,07	38,57	16,29	22,29
50% - 60%	120	10,50	4,71	21,00	9,43	11,57
60% - 70%	54	12,43	6,43	11,19	5,79	5,40
70% - 80%	30	13,93	8,89	6,96	4,45	2,52
80% - 90%	24	14,79	12,00	5,91	4,80	1,11
90% - 100%	12	15,00	14,14	3,00	2,83	0,17
			TOT.	**104,96**	**50,75**	**54,20**

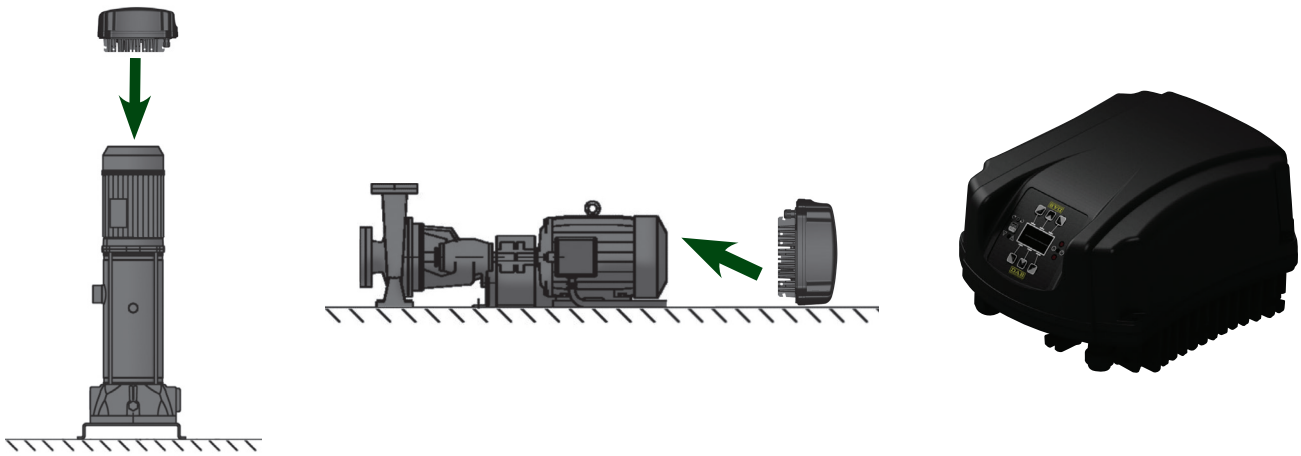
As we will see, in an average day of operation the MCE/P unit provides **a saving of 54,20 kWh**, equivalent to 60%, with respect to the consumption of a conventional on/off pump.

YEARLY SAVING
54,20 kWh X 365 = **19784 kWh**
19784 kWh X 0,2 €/ kWh =
€ 3.956,86

*The table shows a comparison of **daily consumption** of a standard pump driven by an On/Off system and a pump driven by a MCE/P inverter.

CONNECTIONS ON MOTOR

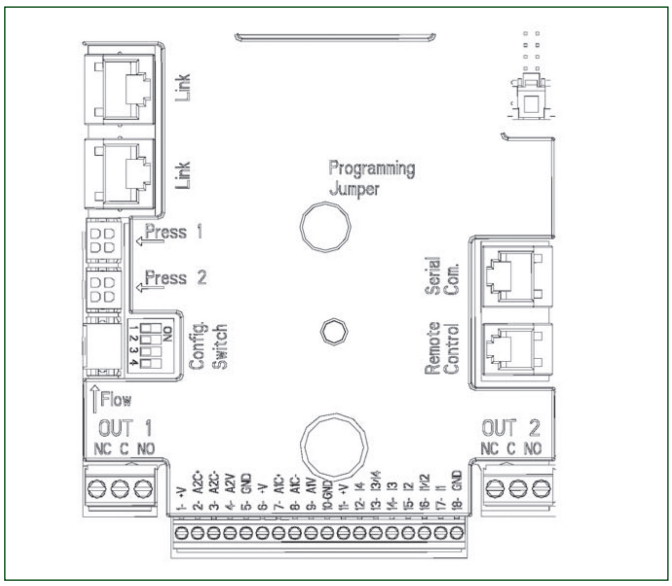
1 Hydraulic diagram



The MCE is installed on the motor base.
The inverter can operate both vertically and horizontally.
2 kits are available for assembly on the motor:
Tie-rods:
These are connected to the MCE dissipator and fan cover.
They require a solid fan cover able to withstand the weight of the inverter, i.e. secured by means of bolts or screws.

Fan cover kit:
The fan cover kit is used in all situations where the fan cover is not sufficiently solid or strong enough to withstand the weight of the inverter.

TWIN OPERATION



Groups of up to 8 pumps can be created. To do this, the pumps must be hydraulically connected to the same output and inlet manifolds.
The MCE/P inverters also have to be connected using the special interconnection cable, connecting both inverters to one of the 2 connectors marked Link.
For the booster system to operate correctly, all the external connections of the input terminal board must be parallel connected between the MCE/P units, with the numbers of the individual pins corresponding.

ADAC
INVERTER



CE

PRESSURE PUMPS

ADAC is the leading edge of the Dab Inverters family.
Are ideal for **HEAVY DUTY APPLICATIONS**
They can drive pumps of up to 15 kW. These units combine the simplicity with the robust design and power of an inverter drive. They can be installed in a control panel and must be supplied with external pressure.
The use of a flow sensor (OPTIONAL), allows a better pressure regulation.
The **ADAC** can easily be set up in booster sets,thanks to a standard wire cable connection.

Comfort, energy saving, protections and simplicity are the keywords of this professional series.
The ADAC units are air cooled. These extremely robust panel-mounting inverters feature a metal body and are suitable for heavy-duty applications.
ADAC ensure the utmost practicality and increase the average workinglife of the system, permitting also signifi cant savings in power consumption.

ACCESSORIES
PAG. 19

TECHNICAL DATA

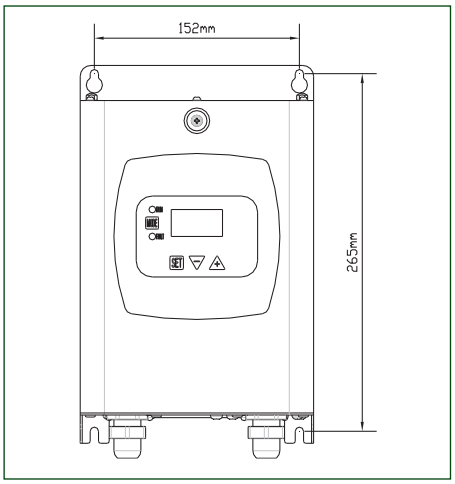
MODEL	CODE	NOMINAL MOTOR POWER kW	MAX NOMINAL MOTOR CURRENT A	MIN NOMINAL MOTOR CURRENT A	VOLTAGE 50 Hz	PUMP VOLTAGE 50 - 200 Hz
AD M/T 1.0 AC	60145522	1,0	6.5	1	1x230	3x230
AD M/T 1.5 AC	60145523	1,5	9,0	1	1x230	3x230
AD M/T 2.2 AC	60145524	2.2	11,5	1	1x230	3x230
AD T/T 3.0 AC	60145525	3,0	9,0	2	3x400	3x400
AD T/T 4.0 AC	60145526	4,0	11	2	3x400	3x400
AD T/T 5.5 AC	60145527	5,5	15	2	3x400	3x400
AD T/T 7.5 AC	88002773	7,5	22	2	3x400	3x400
AD T/T 11.0 AC	88002774	11	31	2	3x400	3x400
AD T/T 15.0 AC	88002775	15	41	2	3x400	3x400

PRODUCTS SUPPLIED WITH ADAC

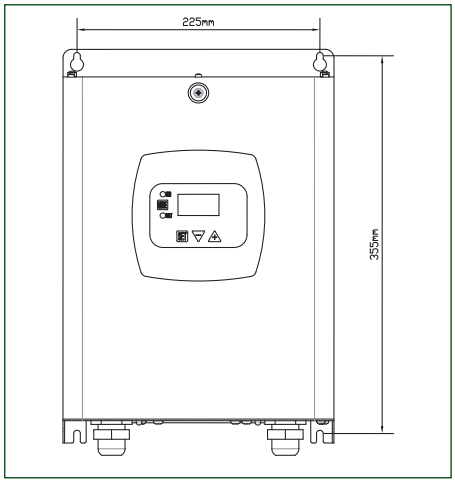
PRESSURE UNITS	
2 NKVE 10-15-20 ADAC	pag. 636

DIMENSIONS AND WEIGHTS

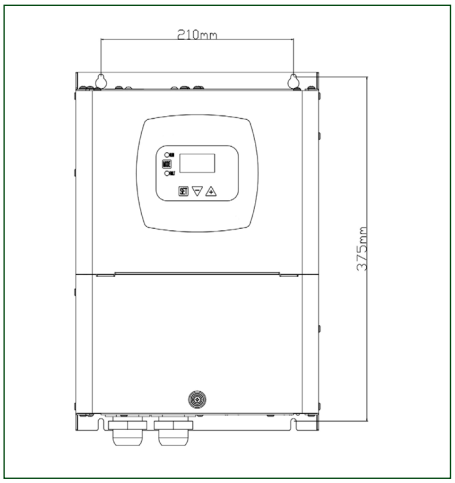
AD M/T 1.0 AC – AD M/T 1.5 AC
AD M/T 2.2 AC



AD T/T 3.0 AC – AD T/T 4.0 AC
AD T/T 5.5 AC



AD T/T 7.5 AC – AD T/T 11.0 AC
AD T/T 15.0 AC



MODEL	L	H	D	PACKAGING DIMENSIONS			WEIGHT KG	Q.TY x PALLET
				L/D	L/L	H		
AD M/T 1.0 AC	200	199	262	300	350	250	5	24
AD M/T 1.5 AC	200	199	262	300	350	250	5	24
AD M/T 2.2 AC	200	199	262	300	350	250	5	24
AD T/T 3.0 AC	267	196	352	350	570	250	7,6	12
AD T/T 4.0 AC	267	196	352	350	570	250	7,6	12
AD T/T 5.5 AC	267	196	352	350	570	250	7,6	12
AD T/T 7.5 AC	343	244	425	380	520	300	12	12
AD T/T 11.0 AC	343	244	425	380	520	300	12	12
AD T/T 15.0 AC	343	244	425	380	520	300	12	12

ENERGY SAVING

Reducing motor speed, even marginally, can lead to an appreciable reduction in power consumption because the absorbed power of an electric motor is proportional to the rpm cubed. For example, a pump powered by the mains that runs at approximately 2950 rpm, will run approximately 20% slower (i.e. at 2360 rpm) when fed with a 40 Hz supply, leading to a saving of 40% in terms of absorbed power. The motor speed reduction increases pump life signifi cantly, thanks to the reduction of mechanical stress.

Pump performance in relation to variations in rpm
Pump rpm n has a very signifi cant infl uence on pump performance.
In the absence of cavitation phenomena the law of similarity is applicable, as shown in equation 1.

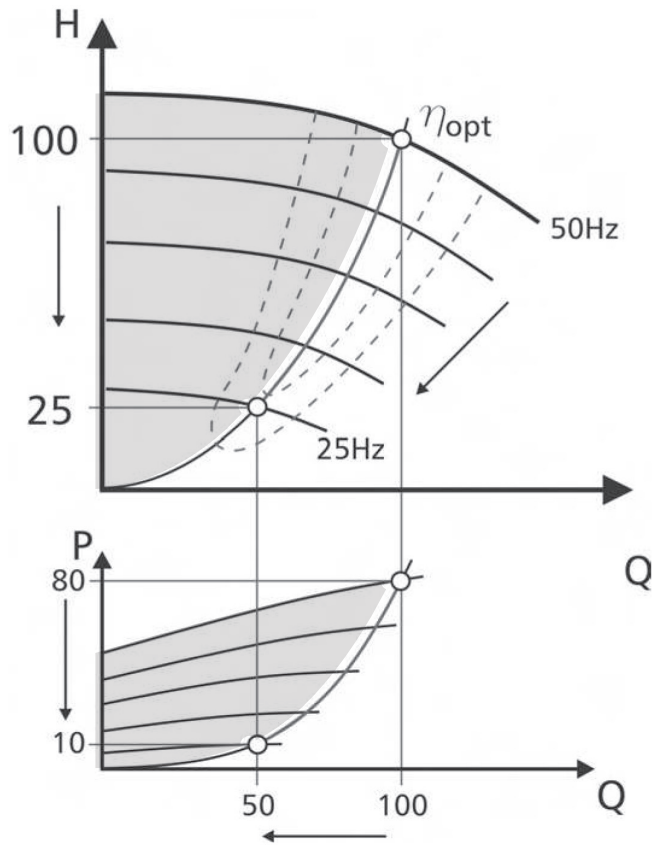
- Flow rate changes in a linear manner with changes in speed.
- Pressure changes in a squared relationship with changes in rpm.
- Power changes in a cubed relationship with changes in rpm.
- A small change in rpm produces a very large change in power.

Equation 1

$$\frac{Q_x}{Q} = \frac{n_x}{n} \qquad Q_x = Q \times \frac{n_x}{n}$$

$$\frac{H_x}{H} = \left(\frac{n_x}{n}\right)^2 \qquad H_x = Hx \left(\frac{n_x}{n}\right)^2$$

$$\frac{P_x}{P} = \left(\frac{n_x}{n}\right)^3 \qquad P_x = Px \left(\frac{n_x}{n}\right)^3$$



- a lowering of the fl ow acc. to the linear function.
- a reduction of the head according to a quadratic function.
- a reduction of the power consumption acc. to a cubic function!

POWER ECONOMY TABLE

AD M/T 1.0 AC – AD M/T 1.5 AC - AD M/T 2.2 AC

Example showing use of a 2,2 kW pump for 10 hours/day *

Performance required of the pump	Minutes/ day	Instantaneous power (ON/OFF)	Power with MCE/P	kWh (ON/OFF)	kWh (INVERTER)	kWh saved
0% - 20%	30	1,32	0,50	0,66	0,25	0,41
20% - 30%	30	1,32	0,50	0,66	0,25	0,41
30% - 40%	60	1,37	0,55	1,37	0,55	0,82
40% - 50%	240	1,41	0,60	5,66	2,39	3,27
50% - 60%	120	1,54	0,69	3,08	1,38	1,70
60% - 70%	54	1,82	0,94	1,64	0,85	0,79
70% - 80%	30	2,04	1,30	1,02	0,65	0,37
80% - 90%	24	2,17	1,76	0,87	0,70	0,16
90% - 100%	12	2,20	2,07	0,44	0,41	0,03
			TOT.	**15,39**	**7,44**	**7,95**

YEARLY SAVING
7,95 kWh X 365 = **2902 kWh**
2902 kWh X 0,2 €/ kWh =
€ 580,34

As we will see, in an average day of operation the ADAC unit provides a **saving of 7,95 kWh**, equivalent to 60%, with respect to the consumption of a conventional on/off pump.

AD T/T 3.0 AC – AD T/T 4.0 AC - AD T/T 5.5 AC

Example showing use of a5,5 kW pump for 10 hours/day *

Performance required of the pump	Minutes/ day	Instantaneous power (ON/OFF)	Power with MCE/P	kWh (ON/OFF)	kWh (INVERTER)	kWh saved
0% - 20%	30	3,30	1,26	1,65	0,63	1,02
20% - 30%	30	3,30	1,26	1,65	0,63	1,02
30% - 40%	60	3,42	1,38	3,42	1,38	2,04
40% - 50%	240	3,54	1,49	14,14	5,97	8,17
50% - 60%	120	3,85	1,73	7,70	3,46	4,24
60% - 70%	54	4,56	2,36	4,10	2,12	1,98
70% - 80%	30	5,11	3,26	2,55	1,63	0,92
80% - 90%	24	5,42	4,40	2,17	1,76	0,41
90% - 100%	12	5,50	5,19	1,10	1,04	0,06
			TOT.	**38,48**	**18,61**	**19,87**

YEARLY SAVING
19,87 kWh X 365 = **7254 kWh**
7254 kWh X 0,2 €/ kWh =
€ 1.450,85

As we will see, in an average day of operation the ADAC unit provides a **saving of 19,87 kWh**, equivalent to 60%, with respect to the consumption of a conventional on/off pump.

AD T/T 7.5 AC - AD T/T 11.0 AC - AD T/T 15.0 AC

Example showing use of a 15 kW pump for 10 hours/day *

Performance required of the pump	Minutes/day	Instantaneous power (ON/OFF)	Power with PWM	kWh (ON/OFF)	kWh (INVERTER)	kWh saved
0% - 20%	30	9,00	3,43	4,50	1,71	2,79
20% - 30%	30	9,00	3,43	4,50	1,71	2,79
30% - 40%	60	9,32	3,75	9,32	3,75	5,57
40% - 50%	240	9,64	4,07	38,57	16,29	22,29
50% - 60%	120	10,50	4,71	21,00	9,43	11,57
60% - 70%	54	12,43	6,43	11,19	5,79	5,40
70% - 80%	30	13,93	8,89	6,96	4,45	2,52
80% - 90%	24	14,79	12,00	5,91	4,80	1,11
90% - 100%	12	15,00	14,14	3,00	2,83	0,17
			TOT.	**104,96**	**50,75**	**54,20**

As we will see, in an average day of operation the ADAC unit provides a **saving of 54,20 kWh**, equivalent to 60%, with respect to the consumption of a conventional on/off pump.

YEARLY SAVING
54,20 kWh X 365 = **19784 kWh**
19784 kWh X 0,2 €/ kWh =
€ 3.956,86

*The table shows a comparison of **daily consumption** of a standard pump driven by an On/Off system and a pump driven by a ADAC inverter.

ACTIVE DRIVER
INVERTER

CE

DOMESTIC WATER SUPPLY / PRESSURE PUMPS



The Active Driver devices are innovative variable speed electric pump integrated control systems, capable of maintaining a constant pressure in relation to the varied flow rates. The set pressure can be adjusted and the various settings and related error warnings can be viewed, thanks to a simple and immediate user interface.
Active Driver is made up of:
- an inverter
- a pressure sensor
- a flow sensor

Some advantages in using Active Driver:
- greater comfort
- greater energy saving
- greater noise reduction
- reduced dimensions
- eliminates overpressures
- increased lifespan of the electric pump
- easy installation
- capable of controlling many different types of electric pumps

Active Driver is equipped with a malfunctions protection system.

In the event that a malfunction is verified, it is signalled on the display and, depending on the type of error, the electric pump can turn off.
- protection against dry-running
- amperometric protection
- electric pump overheating protection
- protection against abnormal power supply voltages

Model: A.D. M/T 2.2
Max. motor phase current: 10,5 Arms
Line voltage: 230V single-phase
Electric pump voltage: 230V three-phase
Power supply frequency: 50 Hz - 60 Hz
Installation: vertical or horizontal
Maximum liquid temperature: 50°C
Maximum operating temperature: 60°C
Maximum pressure: 16 bar
Pressure regulation range: from 1 to 15 bar
Suction diameter (DNA): 1 1/4" male
Delivery diameter (DNM): 1 1/2" female
Protection level: IP55

Active Driver can also be used parallel, this being a device for each electric pump (exept the M/M 1.1 model).

TECHNICAL DATA

Advised maximum flow = 15 m³/h

MODEL	CODE	MAX CURRENT OF MOTOR A	MAX MOTOR POWER kW	VOLTAGE 50 Hz	PUMP SUPPLY VOLTAGE Volt	DNA GAS	DNM GAS	CONNECTIVITY FOR PARALLEL WORKING	TO BE USED WITH PUMPS TYPE	PRESSURE REGULATION RANGE BAR
ACTIVE DRIVER M/M 1.1	109640610	8,5	1,1	Single-phase 1x230	Single-phase 1x230	1 1/4" M	1 1/2" F	NO	Surface pumps, 4" submersible pumps and 5" pumps with single-phase motor and input current of up to 8,5 A	1-6
ACTIVE DRIVER M/M 1.5	88002281	11	0,55 1,5	Single-phase 1x115 1x230	Single-phase 1x115 1x230	1 1/4" M	1 1/2" F	YES	Surface pumps, 4" submersible pumps and 5" pumps with single-phase motor and input current of up to 11 A	1-9
ACTIVE DRIVER M/M 1.8	88002282	14	1,0 1,8	Single-phase 1x115 1x230	Single-phase 1x115 1x230	1 1/4" M	1 1/2" F	YES	Surface pumps, 4" submersible pumps and 5" pumps with single-phase motor and input current of up to 14 A	1-9
ACTIVE DRIVER M/T 1.0	109640640	4,7	1,0	Single-phase 1x230	Three-phase 3x230	1 1/4" M	1 1/2" F	YES	Surface pumps, 4" submersible pumps and 5" pumps with three-phase motor and input current of up to 4,7 A	1-5
ACTIVE DRIVER M/T 2.2	109640600	10,5	2,2	Single-phase 1x230	Three-phase 3x230	1 1/4" M	1 1/2" F	YES	Surface pumps, 4" submersible pumps and 5" pumps with three-phase 230V motor and input current of up to 10,5 A	1-16
ACTIVE DRIVER T/T 3.0	109640620	7,5	3,0	Three-phase 3x400	Three-phase 3x400	1 1/4" M	1 1/2" F	YES	Surface pumps, 4" submersible pumps and 5" pumps with three-phase 400V motor and input current of up to 7,5 A	1-16
ACTIVE DRIVER T/T 5.5	109640630	13,3	5,5	Three-phase 3x400	Three-phase 3x400	1 1/4" M	1 1/2" F	YES	Surface pumps, 4" submersible pumps and 5" pumps with three-phase 400V motor and input current of up to 13,3 A	1-16

DIMENSIONS AND WEIGHT

MODEL	DIMENSIONS (mm)			WEIGHT KG	Q.TY x PALLET
	LENGHT	HEIGHT	DEPTH		
ALL	220	280	180	5,3	32

PRODUCTS SUPPLIED WITH ACTIVE DRIVER

SELF-PRIMING PUMPS		SUBMERSIBLE PUMPS		PRESSURE UNITS	
JET AD	pag. 264	**MICRA HS**	pag. 521	**2 JET AD**	pag. 614
EURO AD	pag. 264			**2 EURO AD**	pag. 614
				1-2 -3 KVC AD	pag. 614
				2-3 KVCX AD	pag. 614
				1-2-3 KV AD 3-6-10	pag. 622
				2-3 NKV AD 10 -15	pag. 625

DAB PUMPS reserves the right to make modifications without notice

ACTIVE SHIELD

INPUT/OUTPUT FILTER FOR ACTIVE DRIVER

NEW



CE

The Active Shield is a filter designed to reduce the electrical noise generated by the inverter on the power supply line, as well as the noise that the inverter generates feeding a pump. It requires no maintenance.
It has two inputs, designed to receive the power supply and the inverter output in question, and the two outputs are reserved for the power supply of the pump and the same inverter.
The Active Shield is used in installations with Active Driver inverter or PWM, where there are problems of electromagnetic emissions.
It is supplied ready for installation on the following models:

- ACTIVE DRIVER M/M 1.1
- ACTIVE DRIVER M/M 1.5
- ACTIVE DRIVER M/M 1.8
- ACTIVE DRIVER M/T 1.0
- ACTIVE DRIVER M/T 2.2

Max current input / output: 14 A
Line voltage (+10% - 20%): 1 x 230V,
Line frequency: 50-60 Hz
Electric voltage: 1 x 230V, 3 x 230V
Nominal frequency of the electric pump: 50-130 Hz
Unit weight (excluding packaging): 2 Kg
Working position: Anywhere
Max ambient temperature: 40° C
Overall dimensions WxHxD (mm x mm x mm): 280 x180 x100
Degree of protection: IP44

TECHNICAL DATA

MODEL	CODE	MAX CURRENT A	TO BE USED WITH
ACTIVE SHIELD	**60163007**	14	Active Driver M/M Active Driver M/T



TABLE MATCHING INVERTER - ELECTROPUMPS

MODEL		AD M/M	AD M/T	AD T/T	AD M/T AC	AD T/T AC	MCE/P	MCE /C
KLM -KLP - DKLM - DKLP	pag. 182							•
CM - CM-G - DCM - DCM-G	pag. 190							•
CP - CP-G - DCP - DCP-G	pag. 207							•
KC - KCV	pag. 225							•
JET - JETINOX - JETCOM	pag. 238	•	•	•	•	•	•	
EURO - EUROINOX - EUROCOM	pag. 248	•	•	•	•	•	•	
MULTINOX	pag. 252	•						
EUROSWIM	pag. 274						•	
JETCOM SP - EUROCOM SP	pag. 281						•	
KPA	pag. 290	•	•					
KPS - KPF- KP	pag. 291 - 293	•	•		•		•	
K	pag. 390 - 393	•	•	•	•	•	•	
NKM-G - NKP-G	pag. 395			•	•	•	•	•
KDN	pag. 411					•	•	•
KVC - KVCX	pag. 424	•	•	•	•	•	•	
KV	pag. 430	•	•	•	•	•	•	
NVK	pag. 433		•	•	•	•	•	
IDEA	pag. 512	•		•		•		
DIVER - DIVER HF	pag. 513	•		•				
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E-BOX
CONTROL PANEL



CE

SUBMERSIBLE PUMPS/ PRESSURE PUMPS

SUBMERSIBLE PUMPS
- Ideal for filling/draining stations
- designed for Single-phase and three-phase pumps
- Working with float switches (max.5)
- Working with level probes (max.5)
- Working with depths sensors(0-10V / 4...20mA)
- Amperometric protection
- Exchange of the pumps starting order (each start)

PRESSURE PUMPS
- Ideal to drive 2 pumps booster sets
- designed for Single-phase and three-phase pumps
- Working with pressure switches (max. 4)
- Working with depths sensors (0-10V / 4...20mA)
- Amperometric protection
- Exchange of the pumps starting order (each start)

TECHNICAL DATA

MODEL	CODE	VOLTAGE 50 HZ	STARTING	P2 NOMINAL		MAX CURRENT A	N° CONNECTABLE FLOATS
				kW x2	HP x2		
E-BOX 2D M/T 12 A (for 2 pumps mon. or threep.)	60114868	1 X 230 V	DIRECT	2,2	3	12+12	from 2 to 5
		3 X 230 V		3	4		
		3 X 400 V		5,5	7,5		
E-BOX 2D M 40 mF 12 A (for 2 pumps mon. or threep.)	60114869	1 X 230 V	DIRECT	2,2	3	12+12	from 2 to 5

NEW E-BOX AVAILABLE FROM APRIL 2014



NEW

SMART PRESS
ON/OFF CONTROLLER



CE

DOMESTIC WATER SUPPLY

SMART PRESS is an ON/OFF electronic device designed to switch the pump ON/OFF without using an expansion vessel.
The device protects the pump against dry running without using level probes or float switch.
It has an adjustable cut-in pressure and even with a high flow the pressure losses are small.
All the SMART PRESS models have a MANUAL AND AUTOMATIC RESTART.

TECHNICAL DATA

MODEL	CODE	SETTING PRESSURE bar	DNA GAS	DNM GAS
SMART PRESS WG 1,5 - AUTOM. RESET - WITHOUT CABLE	60114808	1,5	1 " M	1 " ¼ F
SMART PRESS WG 1,5 - AUTOM. RESET - WITH CABLE	60113308	1,5	1 " M	1 " ¼ F
SMART PRESS WG 3.0 - AUTOM. RESET - WITHOUT CABLE	60114809	1,5	1 " M	1 " ¼ F
SMART PRESS WG 3.0 - AUTOM. RESET. - WITH CABLE	60113922	1,5	1 " M	1 " ¼ F

DIMENSIONS AND WEIGHTS

MODEL	LENGHT	HEIGHT	DEPTH	WEIGHT KG	Q.TY x PALLET
SMART PRESS WG 1,5 - AUTOM. RESET - WITHOUT CABLE	185	180	115	1,3	100
SMART PRESS WG 1,5 - AUTOM. RESET - WITH CABLE	185	180	115	1,6	100
SMART PRESS WG 3.0 - AUTOM. RESET - WITHOUT CABLE	185	180	115	1,3	100
SMART PRESS WG 3.0 - AUTOM. RESET. - WITH CABLE	185	180	115	1,6	100

INVERTER ACCESSORIES

INVERTER ACCESSORIES

NOTES FOR PER MCE/C INSTALLATION

SINGLE INSTALLATION (Accessories to order)	MULTIPLE INSTALLATION (Accessories to order)
- differential sensor	- differential sensor - connection cable

NOTES FOR ADAC AND MCE/P INSTALLATION

SINGLE INSTALLATION (Accessories to order)	MULTIPLE INSTALLATION FROM 2 UP TO 8 INVERTER* (Accessories to order)
- pressure sensor **OPTIONAL:** flow sensor, flow sensor bracket, flow sensor cable.	- pressure sensor - **connection cable** (number as necessary to connect all inverters installed; e.g. for 8 inverters order 7 connection cables).

***IMPORTANT:** optionally more than one pressure sensor can be fitted (min. 1 per inverter, max. 1 per inverter).Optional: flow sensor, flow sensor bracket, flow sensor cable.
***IMPORTANT:** just 1 flow sensor can be fitted on the outlet manifold or 1 flow sensor on the outlet of each pump.

PRESSURE SENSOR	DESCRIPTION	MCE/C	ADAC	MCE/P	CODE
	DIFFER. SENSOR 4BAR HUBA (C)	•			60144674
	DIFFER. SENSOR 10BAR HUBA (C)	•			60144675
	PRESS. SENSOR 25 BAR COMPL. WITH CABLE (2 MT.)		•	•	60146289
	PRESS. SENSOR 25 BAR COMPL. WITH CABLE (4 MT.)		•	•	88002533
	PRESS. SENSOR. 4-20 MA - 25 BAR WITH CABLE (1,5 MT)		•	•	60148784

FLOW SENSOR	DESCRIPTION	MCE/C	ADAC	MCE/P	CODE
	FLOW SENSOR F3H13		•	•	60146290
	FLOW SENSOR F3H15		•	•	60146291

INVERTER ACCESSORIES

CABLE	DESCRIPTION	MCE/C	ADAC	MCE/P	CODE
	PRESSURE SENSOR CABLE MCE L750	•			60120929
	PRESSURE SENSOR CABLE MCE L2000	•			60145637
	PRESSURE SENSOR CABLE 4 mt.		•	•	88002310
	PRESSURE SENSOR CABLE 10 mt.		•	•	88002614
	PRESSURE SENSOR CABLE 32 mt.		•		88002615
	PRESSURE SENSOR CABLE 49 mt.		•		88002616
	PRESSURE SENSOR CABLE 99 mt.		•		88002620
	FLOW SENS. CABLE 2 mt.		•	•	60146292
	FLOW SENS. CABLE 4 mt.		•	•	88002311
	FLOW SENS. CABLE 10 mt.		•	•	88002617
	FLOW SENS. CABLE 32 mt.		•		88002618
	FLOW SENS. CABLE 49 mt.		•		88002619
	FLOW SENS. CABLE 99 mt.		•		88002621
	CABLE FOR ADAC CONNECTION		•		88002479
	CABLE X MCE TWIN CONNECT.	•		•	60144673

FLANGE FOR FLOW SENSOR	DESCRIPTION	MCE/C	ADAC	MCE/P	CODE
	MOUNT. FLANGE FOR FLOW SENS. F3H13 PLAST. PIPE 2" (63 MM.)		•	•	88002228
	MOUNT. FLANGE FOR FLOW SENS. F3H13 PLAST. PIPE 2" 1/2(75MM.)		•	•	88002229
	MOUNT. FLANGE FOR FLOW SENS. F3H13 PLAST. PIPE 3" (90 MM.)		•	•	88002227
	MOUNT. FLANGE FOR FLOW SENS. F3H13 PLAST. PIPE 4" (110 MM.)		•	•	88002154
	MOUNT. FLANGE FOR FLOW SENS. F3H15 PLAST. PIPE 6" (160 MM.)		•	•	88002236
	MOUNT. FLANGE FOR FLOW SENS. F3H13 MET. PIPE 2" (63 MM.)		•	•	88002442
	MOUNT. FLANGE FOR FLOW SENS. F3H13 MET. PIPE 3" (88.9 MM.)		•	•	88002152
	MOUNT. FLANGE FOR FLOW SENS. F3H13 MET. PIPE 4" (114.3 MM.)		•	•	88002153
	MOUNT. FLANGE FOR FLOW SENS. F3H15 MET. PIPE 6" (168.3 MM.)		•	•	88002440
	MOUNT. FLANGE for FLOW SENS. F3H15 MET. PIPE 8" (219.1 mm.)		•	•	88002439

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EVOSTA

NEW

EVOSTA
WET ROTOR ELECTRONIC CIRCULATORS

ErP ready DAB WATER•TECHNOLOGY

CE

HEATING



Thanks to the advanced technology used in the **permanent magnet synchronous motor and the frequency converter**, the new range of **EVOSTA** circulators ensures high efficiency in all applications, obtaining important results in terms of energy saving. For this, the new EVOSTA pump, is in line with the European directive 2009/125/Erp EC (first EuP) and is ready to satisfy the requirements of the same rule which will enter into effect by 2015 (**EEI** ≤ **0,23**). The pump incorporates an electronic device able to detect the changes required by the plant and automatically adapts the performance, ensuring maximum efficiency with minimum energy consumption. The EVOSTA circulator is also suitable for the replacement of the old three-speed circulators pumps both dimensionally in as it has the same overall dimensions of the series VA, is in its ability to cover with a single model pumps with a head up to 4, 5 and 6 meters, It is also a product able to simplify the user's work, having a single sequential button setting and being provided with a breather cap for the degassing of the system and for the eventual release of the crankshaft.

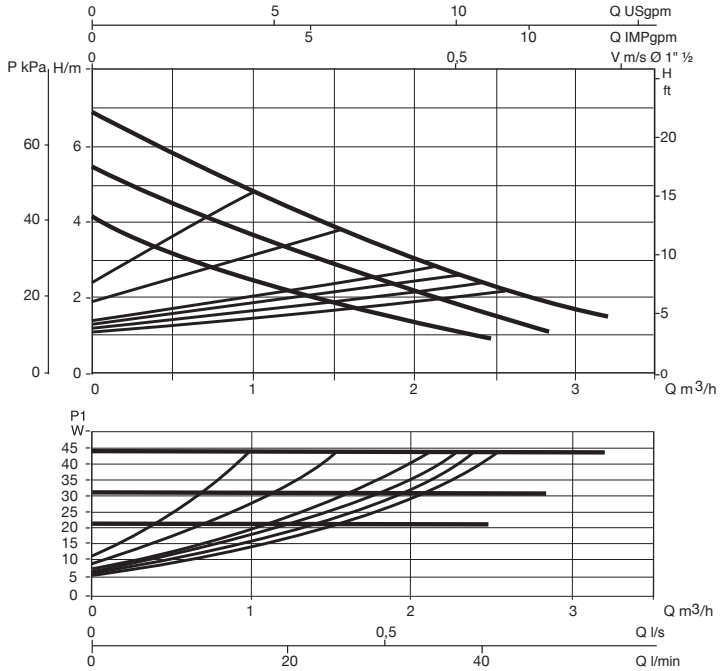
Operating range: from 0.4 to 3.3 m3 / h with head up to 6.9 meters.
Temperature range of the liquid: from +2 ° C to +95 ° C.
Working pressure: 10 bar (1000 kPa).
Degree of protection: IP 44.
Insulation class: F.
Installation: with a horizontal motor axis .
Power series: 1x230V/50/60 Hz single-phase
Pumped liquid: clean, free from solids and mineral oils, non viscous, chemically neutral, close to water characteristics (max. glycol. 30%).

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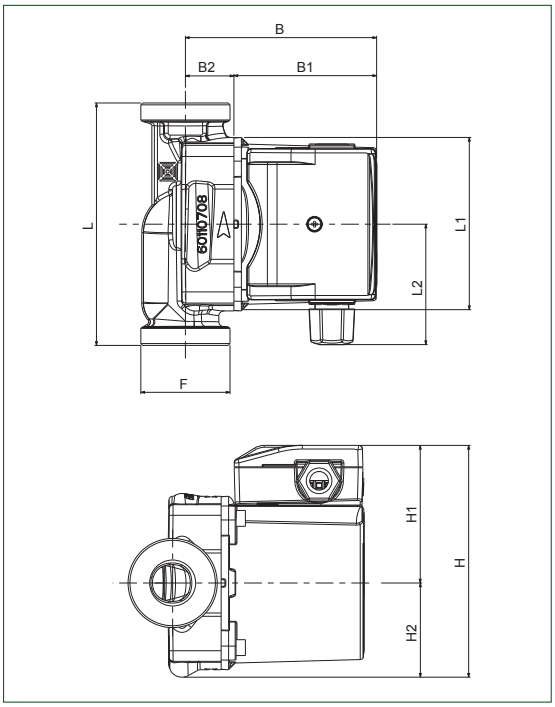
TECHNICAL DATA

MODEL	CODE	CENTRE DISTANCE mm	UNIONS ON REQUEST		ELECTRICAL DATA			ELECTRICAL DATA							EEI	MINIMUM SUCTION PRESSURE	
			STANDARD.	SPECIALS	VOLTAGE 50/60 Hz	P1 RANGE W	In A	Q=m³h	0	0,6	1,2	1,8	2,4	3		t°	m.c.a.
								Q=l/min	0	10	20	30	40	50			
EVOSTA 40-70/130 ½	60161175	130	½" F	-	1x230 V	6 - 44	0,08 - 0,39	H (m)	6,88	5,5	4,42	3,35	2,41	1,17	EEI ≤ 0,23	90°	10
EVOSTA 40-70/130	60161174	130	1" F	¾" F - 1¼" M	1x230 V	6 - 44	0,08 - 0,39		6,88	5,5	4,42	3,35	2,41	1,17	EEI ≤ 0,23	90°	10
EVOSTA 40-70/180	60161177	180	1" F	¾" F - 1¼" M	1x230 V	6 - 44	0,08 - 0,39		6,88	5,5	4,42	3,35	2,41	1,17	EEI ≤ 0,23	90°	10

EVOSTA



DIMENSIONS AND WEIGHTS



MODEL	L	L1	L2	B	B1	B2	H	H1	H2	F	PACK. DIMENSIONS			VOLUME m³	WEIGHT Kg	Q.TY X PALLET
											L	B	H			
EVOSTA 40-70/130	130	93	59	102,5	76,5	26	124	73,5	50,5	1"1/2	135	135	150	0.0027	2,4	240
EVOSTA 40-70/130 1/2"	130	93	59	102,5	76,5	26	124	73,5	50,5	1"	135	135	150	0.0027	2,4	240
EVOSTA 40-70/180	180	93	59	102,5	76,5	26	124	73,5	50,5	1"1/2	130	190	150	0.0037	2,8	180

EVOTRON

EVOTRON
WET ROTOR ELECTRONIC CIRCULATORS

ErP ready



CE

HEATING, AIR CONDITIONING

Thanks to the advanced technology employed, **the permanent magnet synchronous motor,** and **the frequency converter**, the new range of **EVOTRON** circulators ensures high efficiency in all applications, bringing appreciable benefits in terms of energy saving. That's why the entire series of **EVOTRON** circulators is included in energy efficiency class A. The circulator features an electronic device that detects the
changes demanded by the heating system and automatically adapts circulator performance accordingly, always ensuring optimal efficiency
and minimum energy consumption.
Straightforward operation and an easy-to-ready control panel with display that shows the selected setting at each moment of operation.
Improved and optimized energy consumption overnight (SMART SLEEP Function)
Supplied with a special connector that enables simple and quick electrical Connections on installation.
Supplied with an insulation housing kit which adds significantly reducing in heat dispersion.
Operating range: from 0,4 to 4,2 m³/h with head of up to a 8 mt
Liquid temperature range: from -10°C a +110°C
Maximum working pressure: 10 bar (1000 kPa)
Protection rating: IP 44
Insulation class: F
Installation: with HORIZONTAL MOTOR SHAFT
Standard voltage input: single-phase 1 x 230 V / 50 / 60 Hz
Liquid quality requirements: clean, free of solids and mineral oils, non-viscous, chemically neutral and approximating the properties of water (max. glycol contents 30%)

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TECHNICAL DATA

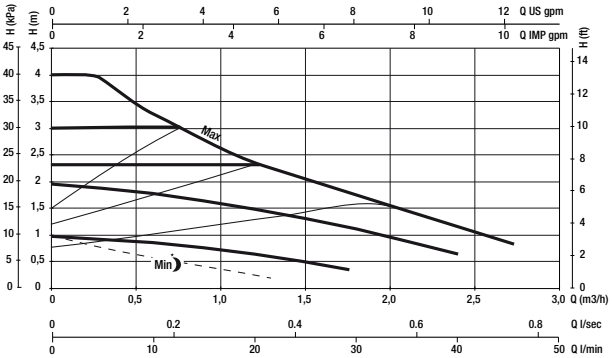
MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	UNIONS ON REQUEST		ELECTRICAL DATA			EEI	HYDRAULIC DATA *								MINIMUM HEAD PRESSURE
				STANDARDIZ.	SPECIAL	VOLTAGE 50/60 Hz	P1 RANGE W	In A		Q=m³h	0	0,6	1,2	1,8	2,4	3	4,2	
										Q=l/min	0	10	20	30	40	50	70	
EVOTRON 40/130	60143302	130	1"½	1" F	¾" F - 1¼" M	1x230 V	5 - 27	0,05 - 0,26	EEI ≤ 0,20		4	3,2	2,3	1,7	1,1			T° + 90°C m.c.a. 10
EVOTRON 40/130(½)	60143355	130	1"	½" F	-	1x230 V	5 - 27	0,05 - 0,26	EEI ≤ 0,20		4	3,2	2,3	1,7	1,1			T° + 90°C m.c.a. 10
EVOTRON 40/180	60143358	180	1"½	1" F	¾" F - 1¼" M	1x230 V	5 - 27	0,05 - 0,26	EEI ≤ 0,19		4	3,2	2,3	1,7	1,1			T° + 90°C m.c.a. 10
EVOTRON 40/180X	60143361	180	2"	1¼" F	-	1x230 V	5 - 27	0,05 - 0,26	EEI ≤ 0,19		4	3,2	2,3	1,7	1,1			T° + 90°C m.c.a. 10
EVOTRON 60/130	60143303	130	1"½	1" F	¾" F - 1¼" M	1x230 V	5 - 43	0,05 - 0,40	EEI ≤ 0,23		6	5,6	4,5	3,5	2,6	1,8		T° + 90°C m.c.a. 10
EVOTRON 60/130(½)	60143356	130	1"	½" F	-	1x230 V	5 - 43	0,05 - 0,40	EEI ≤ 0,23		6	5,6	4,5	3,5	2,6	1,8		T° + 90°C m.c.a. 10
EVOTRON 60/180	60143359	180	1"½	1" F	¾" F - 1¼" M	1x230 V	5 - 43	0,05 - 0,40	EEI ≤ 0,23	H (m)	6	5,6	4,5	3,5	2,6	1,8		T° + 90°C m.c.a. 10
EVOTRON 60/180X	60143362	180	2"	1¼" F	-	1x230 V	5 - 43	0,05 - 0,40	EEI ≤ 0,23		6	5,6	4,5	3,5	2,6	1,8		T° + 90°C m.c.a. 10
EVOTRON 80/130	60143304	130	1"½	1" F	¾" F - 1¼" M	1x230 V	5 - 66	0,06 - 0,60	EEI ≤ 0,25		8	7,8	6	4,8	3,9	3,1	1,6	T° + 90°C m.c.a. 10
EVOTRON 80/130(½)	60143357	130	1"	½" F	-	1x230 V	5 - 66	0,06 - 0,60	EEI ≤ 0,25		8	7,8	6	4,8	3,9	3,1	1,6	T° + 90°C m.c.a. 10
EVOTRON 80/180	60143360	180	1"½	1" F	¾" F - 1¼" M	1x230 V	5 - 66	0,06 - 0,60	EEI ≤ 0,25		8	7,8	6	4,8	3,9	3,1	1,6	T° + 90°C m.c.a. 10
EVOTRON 80/180X	60143363	180	2"	1¼" F	-	1x230 V	5 - 66	0,06 - 0,60	EEI ≤ 0,25		8	7,8	6	4,8	3,9	3,1	1,6	T° + 90°C m.c.a. 10

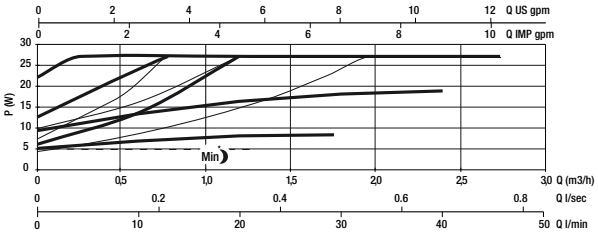
* Hydraulic values are assumed at maximum speed.

DAB PUMPS reserves the right to make modifications without notice

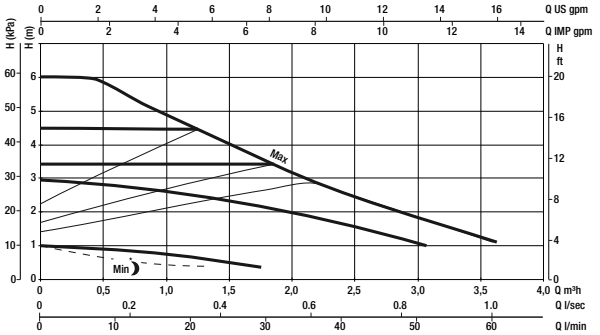
EVOTRON
WET ROTOR ELECTRONIC CIRCULATORS

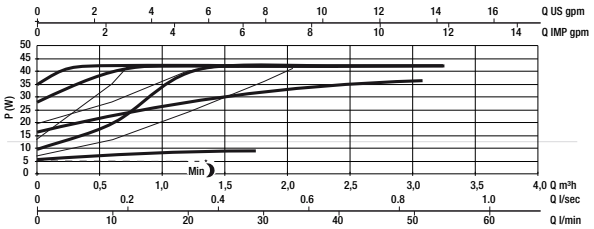
EVOTRON 40



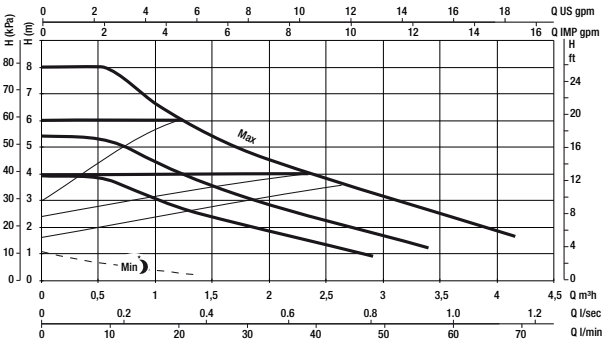


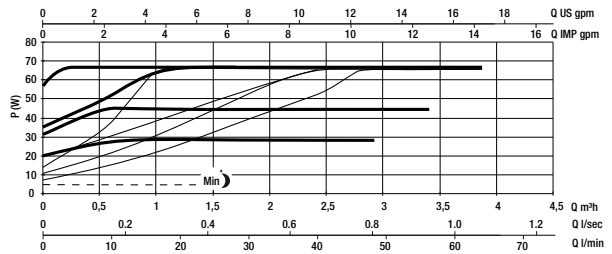
EVOTRON 60



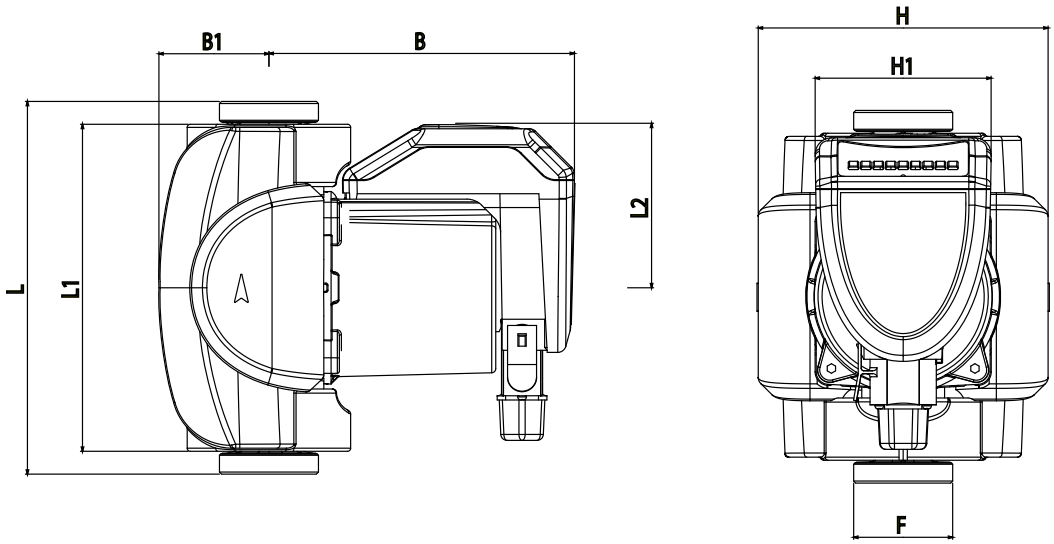


EVOTRON 80





DIMENSIONS AND WEIGHTS



MODEL	L	L1	L2	B	B1	H	H1	F	PACKAGING DIMENSIONS			WEIGHT KG	Q.TY x PALLET
									L	B	H		
EVOTRON 40/130	130	158	79.5	147.5	53	140	85	1"1/2	148	193	217	2.7	120
EVOTRON 40/130(1/2)	130	158	79.5	147.5	53	140	85	1"	148	193	217	2.7	120
EVOTRON 40/180	180	158	79.5	147.5	53	140	85	1"1/2	148	193	217	2.9	120
EVOTRON 40/180X	180	158	79.5	147.5	53	140	85	2"	148	193	217	2.9	120
EVOTRON 60/130	130	158	79.5	147.5	53	140	85	1"1/2	148	193	217	2.7	120
EVOTRON 60/130(1/2)	130	158	79.5	147.5	53	140	85	1"	148	193	217	2.7	120
EVOTRON 60/180	180	158	79.5	147.5	53	140	85	1"1/2	148	193	217	2.9	120
EVOTRON 60/180X	180	158	79.5	147.5	53	140	85	2"	148	193	217	2.9	120
EVOTRON 80/130	130	158	79.5	147.5	53	140	85	1"1/2	148	193	217	2.7	120
EVOTRON 80/130(1/2)	130	158	79.5	147.5	53	140	85	1"	148	193	217	2.7	120
EVOTRON 80/180	180	158	79.5	147.5	53	140	85	1"1/2	148	193	217	2.9	120
EVOTRON 80/180X	180	158	79.5	147.5	53	140	85	2"	148	193	217	2.9	120

EVOPLUS SMALL
WET ROTOR ELECTRONIC CIRCULATORS

HEATING, AIR CONDITIONING



EVOPLUS SMALL electronic circulators can be used in heating, ventilation and air conditioning systems for residential and commercial buildings. In all correctly sized installations, the electronically controlled wet rotor pumps constantly ensure sufficient power and, simultaneously, lower noise emissions, greater comfort and a significant reduction in running costs. All models fitted with flanged pump body are available in both single and the twin versions. The user interface is easy to use and easy to understand.
Circulator protection rate: IP 44.
Insulation class: F.
Standard voltage: single-phase 220/240V, 50/60Hz.
In accordance with European standards:
EN 61800-3 - EN 60335-1 - EN 60335-2-51.
Operating range: from 2 to 12 m3/h with head up to 11 meters.

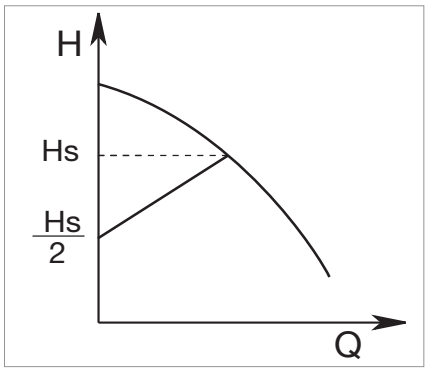
Liquid Temperature range: from -10 °C to 110 °C.
Pumped liquid: clean, free from solids and mineral oils, not viscous, chemically neutral, close to the properties of water (max. glycol contents 30%).
Maximum working pressure: 16 bar (1600 kPa).
Standard flanging: The single version is available with 1 1/2" and 2" threaded ports and with flanged ports DN 32 and DN 40, PN 6 / PN 10 / PN 16.
The twin version is available with flanged pump body DN 32 and DN 40, PN 6 / PN 10 / PN 16.
Installation: with horizontal motor shaft.

ACCESSORIES
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OPERATING MODES

All functions listed below can be consulted by all users (irrespective of the level of expertise) simply by scrolling through the EVOPLUS menu. Calibration and parameter editing are protected and reserved for expert users. The EVOPLUS range is factory-set to the control mode with differential pressure proportional to the curve that guarantees the best energy efficiency index (EEI).

1 - ΔP-v proportional differential pressure control mode
Control mode ΔP-v provides linear variation of the head delivery value from Hsetp to Hsetp/2 in accordance with changes in flow rate.



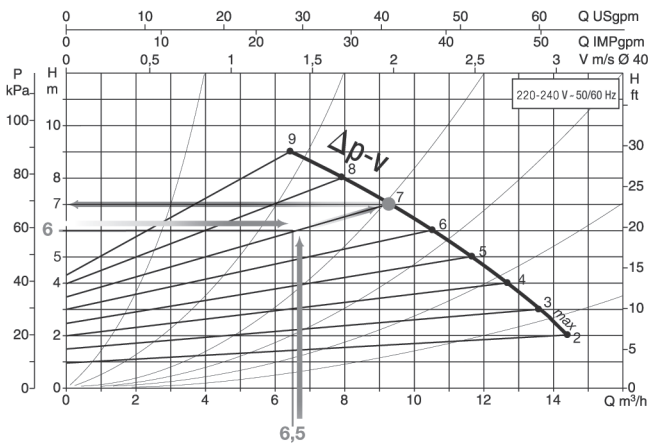
This control mode is particularly useful in the following types of installations:
a. two-pipe central heating systems with thermostatic valves and with:
- head of more than 4 metres;
- very long circuit piping;
- valves with broad operating range;
- differential pressure regulators;
- high pressure drops in sections of the system carrying the entirety of the water flow rate;
- low differential temperature.

b. Under-floor central heating systems and systems with thermo static valves and significant pressure drops in the boiler circuit.
c. Installations having primary circuit pumps with high pressure drops

Examples of set-point input with ΔP-v
The following operating point is required:
Q = 6,5 m³/h
H = 6 m

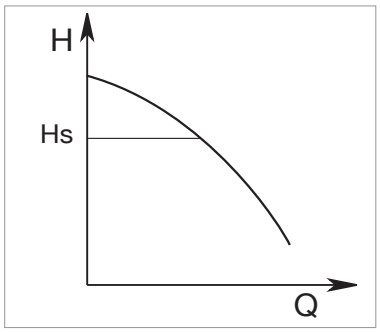
PROCEDURE:

1. In the graph, find the required operating point and then find the nearest EVOPLUS curve to it (in this case the point lies precisely on the curve)
2. Follow the curve until intersecting the circulator limit curve.
3. The head reading found at this limit point will be the set-point head to be entered to obtain the required operating point.



2 - ΔP-c constant differential pressure control mode

Control mode ΔP-c keeps system differential pressure constant at the user-settable value of H setp despite changes in flow rate.



This control mode is particularly useful in the following types of installations:

a. two-pipe central heating systems with thermostatic valves and with:

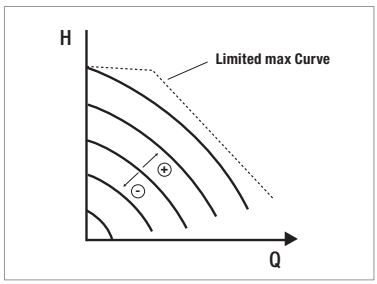
- head of less than 2 metres;
- natural circulation;
- low pressure drops in sections of the system carrying the entirety of the water flow rate;
- high differential temperature (central heating).

b. Under-floor central heating systems with thermostatic valves

c. Single-pipe central heating systems with thermostatic valves and calibration valves

c. Installations having primary circuit pumps with low pressure drops

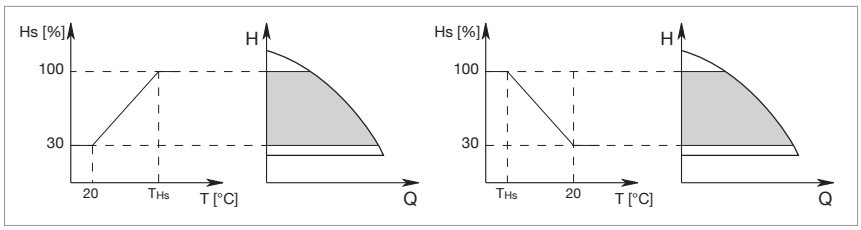
3 - Constant curve control mode



This control setting shows the curve of the circulator at constant speed. The operation curve is selected by setting the rotation speed on a percentage factor. Reaching 100% indicates the curve maximum. The speed of rotation may depend on power restriction and difference in pressure subject to model of circulator. The rotation speed can be set from the display or from an external signal 0-10V or PWM using the multifunction module.

The control setting is ideal for heating and air conditioning applications that require constant flow.

4 - Constant and proportional differential pressure control mode depending on water temperature.
(Function can be activated with multifunction module)



The circulator head set-point is reduced in accordance with the water temperature.

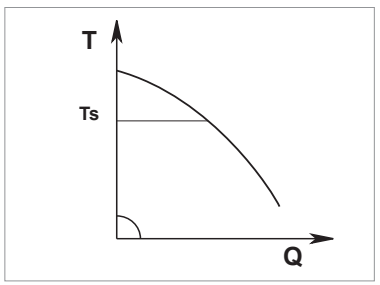
Liquid temperature can be set from 0°C to 100°C.

This control mode is particularly useful in the following types of installations:

a. - in variable flow rate installations (two-pipe central heating systems), in which a further reduction of circulator performance is provided in accordance with lowering of the circulating liquid temperature, in the presence of reduced heating demand.

b. - in constant flow rate installations (single-pipe and under-floor central heating systems), where the performance of the circulator can be adjusted only by activating the temperature influence function.
This function is set on EVOPLUS control panel.

5 – ΔT-c constant differential temperature control mode (Function can be activated with multifunction module) *



ΔT-c control mode keeps the differential temperature of the pumped liquid constant, changing the flow rate to the user-settable value Tsetp.
(Function can be activated with multifunction module)
This control mode is particularly useful in the following types of installations :

- Under-floor central heating systems
- Installations having primary circuit pumps
- Installations having circuit pumps with heat exchanger
- Solar energy systems with storage tanks
- Swimming pool heating systems with solar panels

*** Operation mode in development progress**

ECONOMY FUNCTION

The economy function can be set directly on the control panel, by setting a reduction value (f.rid) the maximum value of which is 50%.
In all settings listed above the Hset value must be replaced with a Hset x f.rid value

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TECHNICAL DATA - *SINGLE UNIONS*

MODEL	CODE	CENTRE DISTANCE mm	UNIONS ON REQUEST		ELECTRICAL DATA			HYDRAULIC DATA								EEI	MINIMUM HEAD PRESSURE
			STANDARD	SPECIAL	VOLTAGE 50/60 Hz	P1 MAX W	In A	Q m^3/h l/min	0	2,4	3	4,2	5,4	7,2	9,6		
									0	40	50	70	90	120	160		
EVOPLUS 40/180 M	60150938	180	1" F	¾" F - 1¼" M	220/240 V	70	0.52	H (m)	4,2	4,2	4	3,1	2,4			EEI ≤ 0,23	t° 90° 100° m.c.a 20 25
EVOPLUS 60/180 M	60150939	180	1" F	¾" F - 1¼" M	220/240 V	100	0.72		6,1	6,1	5,8	4,6	3,4			EEI ≤ 0,22	t° 90° 100° m.c.a 20 25
EVOPLUS 80/180 M	60150940	180	1" F	¾" F - 1¼" M	220/240 V	135	0.95		8,2	8,2	7,7	6,2	4,8	2,9		EEI ≤ 0,22	t° 90° 100° m.c.a 20 25
EVOPLUS 110/180 M	60150941	180	1" F	¾" F - 1¼" M	220/240 V	170	1.18		11,1	10,1	9,2	7,5	5,9	3,9		EEI ≤ 0,22	t° 90° 100° m.c.a 20 25
EVOPLUS 40/180 XM	60150942	180	1¼" F		220/240 V	70	0.51		4,1	4,1	4	3,1	2,2			EEI ≤ 0,21	t° 90° 100° m.c.a 20 25
EVOPLUS 60/180 XM	60150943	180	1¼" F		220/240 V	100	0.71		6,1	6,1	5,7	4,5	3,4			EEI ≤ 0,21	t° 90° 100° m.c.a 20 25
EVOPLUS 80/180 XM	60150944	180	1¼" F		220/240 V	135	0.93		8,1	8,1	7,6	6,2	4,9	3		EEI ≤ 0,21	t° 90° 100° m.c.a 20 25
EVOPLUS 110/180 XM	60150945	180	1¼" F		220/240 V	170	1.18		11,3	10,2	9,5	7,9	6,3	4,3	2	EEI ≤ 0,21	t° 90° 100° m.c.a 20 25

TECHNICAL DATA - *SINGLE WITH OVAL FLANGES*

MODEL	CODE	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA								EEI	MINIMUM HEAD PRESSURE
				VOLTAGE 50/60 Hz	P1 MAX W	In A	Q m^3/h l/min	0	2,4	3	4,2	5,4	7,2	9,6		
								0	40	50	70	90	120	160		
EVOPLUS B 40/220.32 M	60150946	220	DN 32 PN 6	220/240 V	85	0.55	H (m)	4	4	3,9	3,1	2,2	0,9		EEI ≤ 0,22	t° 90° 100° m.c.a 20 25
EVOPLUS B 60/220.32 M	60150947	220	DN 32 PN 6	220/240 V	110	0.75		6	5,8	5,5	4,5	3,4	1,9		EEI ≤ 0,22	t° 90° 100° m.c.a 20 25
EVOPLUS B 80/220.32 M	60150948	220	DN 32 PN 6	220/240 V	150	0.97		8	7,8	7,4	6,1	4,7	2,8		EEI ≤ 0,22	t° 90° 100° m.c.a 20 25
EVOPLUS B 110/220.32 M	60150949	220	DN 32 PN 6	220/240 V	200	1.3		11	10,5	9,8	8,2	6,6	4,7	2	EEI ≤ 0,22	t° 90° 100° m.c.a 20 25
EVOPLUS B 40/250.40 M	60150950	250	DN40 PN 10	220/240 V	75	0.55		4,2	4,2	4,2	3,3	2,5	1,3		EEI ≤ 0,21	t° 90° 100° m.c.a 20 25
EVOPLUS B 60/250.40 M	60150951	250	DN40 PN 10	220/240 V	105	0.75		6,1	6,1	5,6	4,6	3,6	2,2		EEI ≤ 0,21	t° 90° 100° m.c.a 20 25
EVOPLUS B 80/250.40 M	60150952	250	DN40 PN 10	220/240 V	140	0.97		8	8	7,3	6	4,9	3,3		EEI ≤ 0,21	t° 90° 100° m.c.a 20 25
EVOPLUS B 110/250.40 M	60150953	250	DN40 PN 10	220/240 V	190	1.3		11,2	10,5	9,6	8,1	6,8	5	2,6	EEI ≤ 0,21	t° 90° 100° m.c.a 20 25

EVOPLUS SMALL

WET ROTOR ELECTRONIC CIRCULATORS

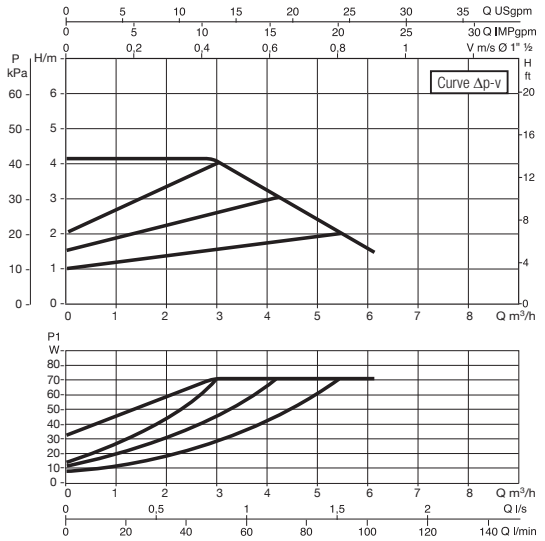


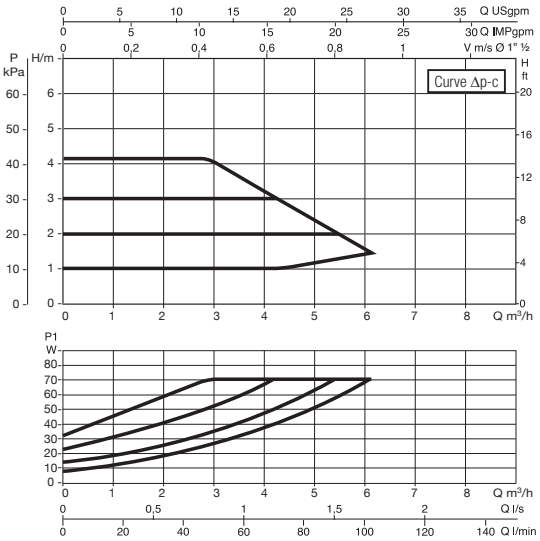
TECHNICAL DATA - *TWIN FLANGED*

MODEL	CODE	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA								EEI	MINIMUM HEAD PRESSURE
				VOLTAGE 50/60 Hz	P1 MAX W	In A	Q m^3/h l/min	0	2,4	3	4,2	5,4	7,2	9,6		
								0	40	50	70	90	120	160		
EVOPLUS D 40/220.32 M	60150954	220	DN 32 PN 6	220/240 V	85	0.55		4	4	3,9	3,1	2,2	0,9		EEI ≤ 0,23	t° 90° 100° m.c.a 20 25
EVOPLUS D 60/220.32 M	60150955	220	DN 32 PN 6	220/240 V	110	0.75		6	5,8	5,5	4,5	3,4	1,9		EEI ≤ 0,23	t° 90° 100° m.c.a 20 25
EVOPLUS D 80/220.32 M	60150956	220	DN 32 PN 6	220/240 V	150	0.95		8	7,8	7,4	6,1	4,7	2,8		EEI ≤ 0,23	t° 90° 100° m.c.a 20 25
EVOPLUS D 110/220.32 M	60150957	220	DN 32 PN 6	220/240 V	200	1.3		11	10,5	9,8	8,2	6,6	4,7	2	EEI ≤ 0,23	t° 90° 100° m.c.a 20 25
EVOPLUS D 40/250.40 M	60150958	250	DN40 PN 10	220/240 V	75	0.55	H (m)	4,2	4,2	4,2	3,3	2,5	1,3		EEI ≤ 0,22	t° 90° 100° m.c.a 20 25
EVOPLUS D 60/250.40 M	60150959	250	DN40 PN 10	220/240 V	100	0.75		6,1	6,1	5,6	4,6	3,6	2,2		EEI ≤ 0,22	t° 90° 100° m.c.a 20 25
EVOPLUS D 80/250.40 M	60150960	250	DN40 PN 10	220/240 V	135	0.95		8	8	7,3	6	4,9	3,3		EEI ≤ 0,22	t° 90° 100° m.c.a 20 25
EVOPLUS D 110/250.40 M	60150961	250	DN40 PN 10	220/240 V	190	1.3		11,2	10,5	9,6	8,1	6,8	5	2,6	EEI ≤ 0,22	t° 90° 100° m.c.a 20 25

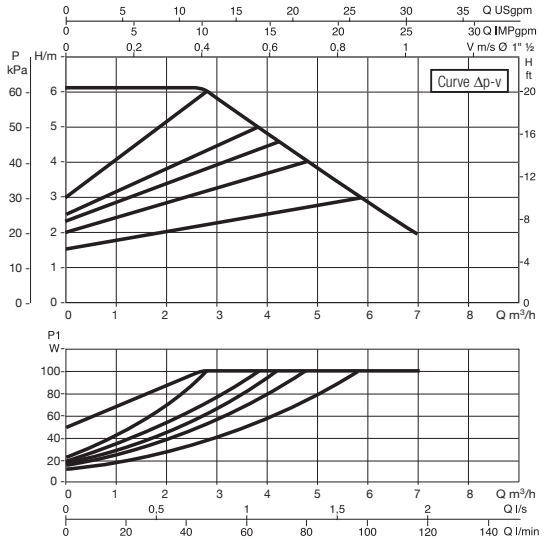
EVOPLUS SMALL
WET ROTOR ELECTRONIC CIRCULATORS

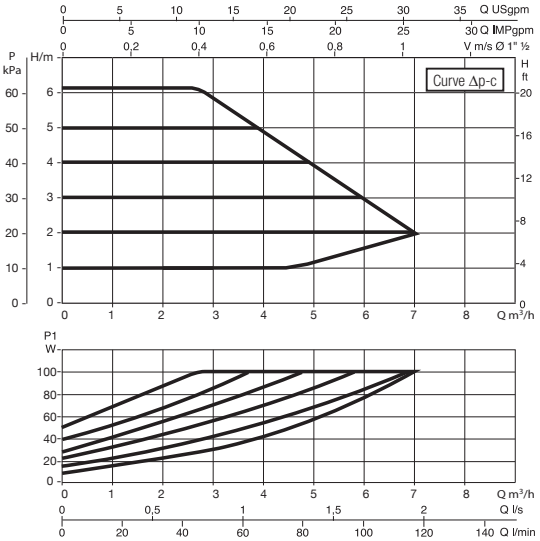
EVOPLUS 40/180 M



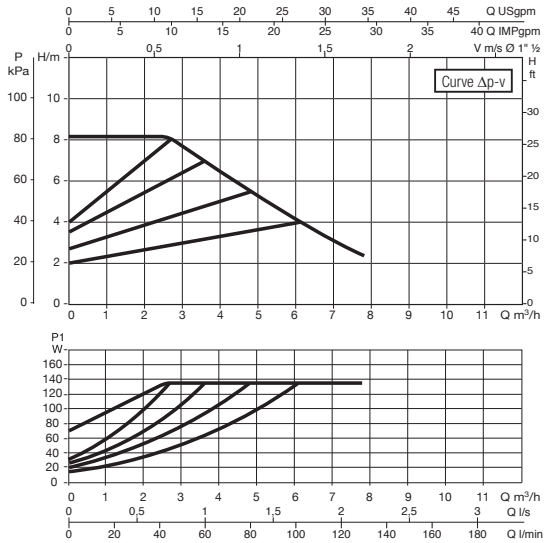


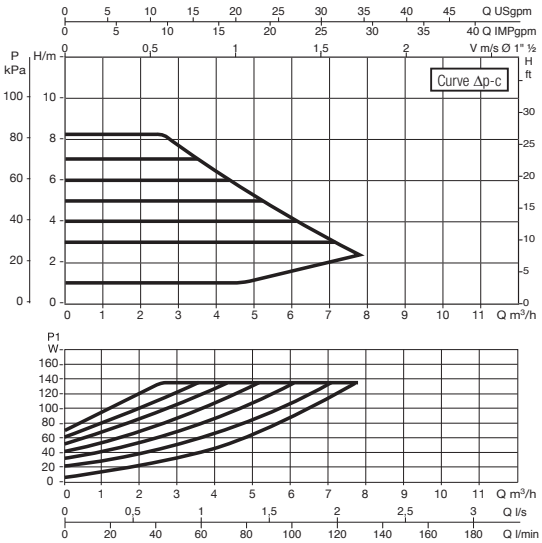
EVOPLUS 60/180 M



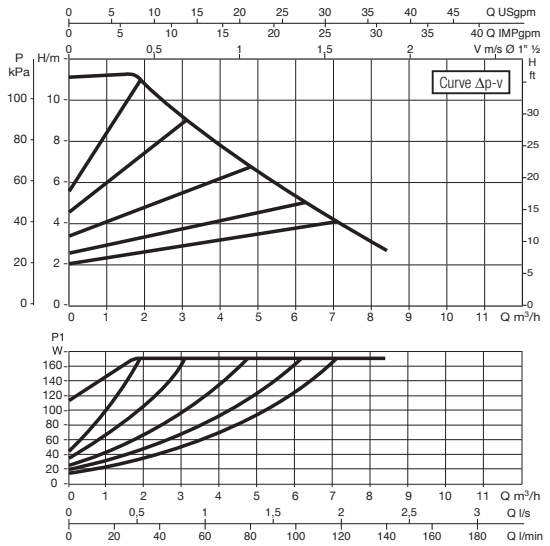


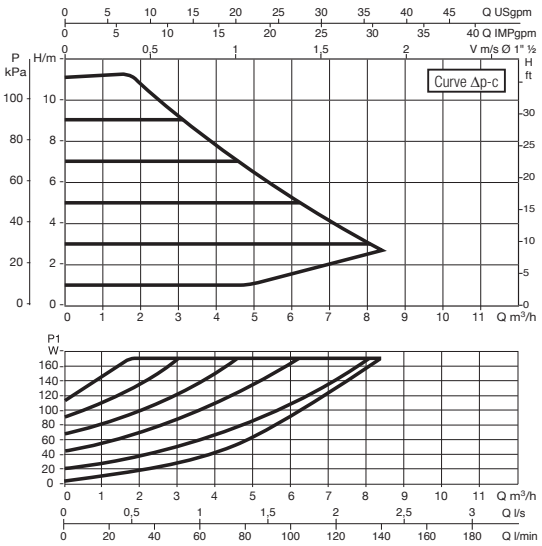
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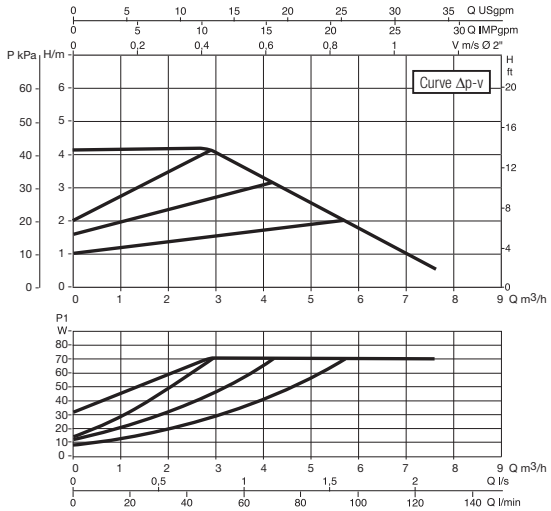


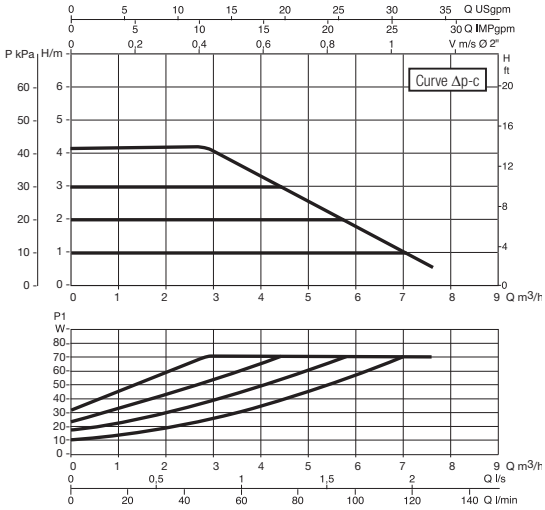
EVOPLUS 110/180 M



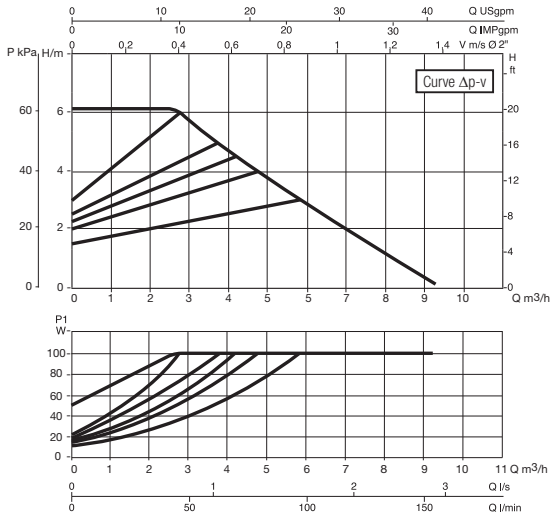


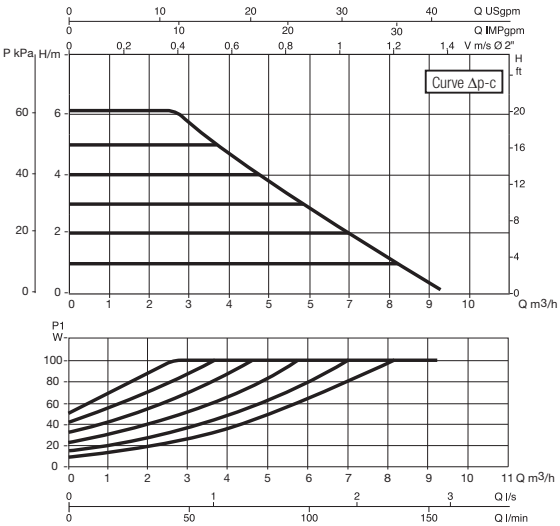
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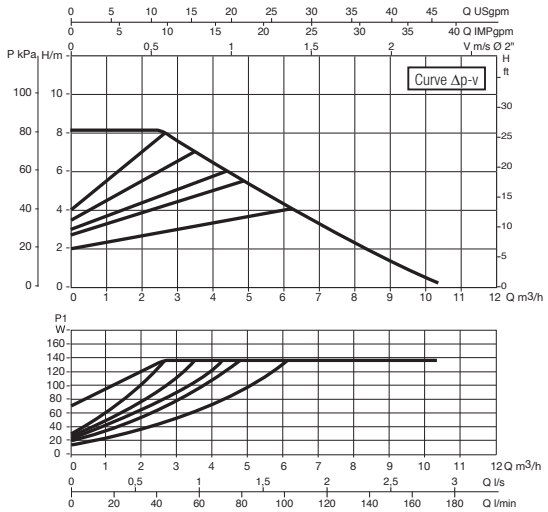
EVOPLUS 60/180 XM

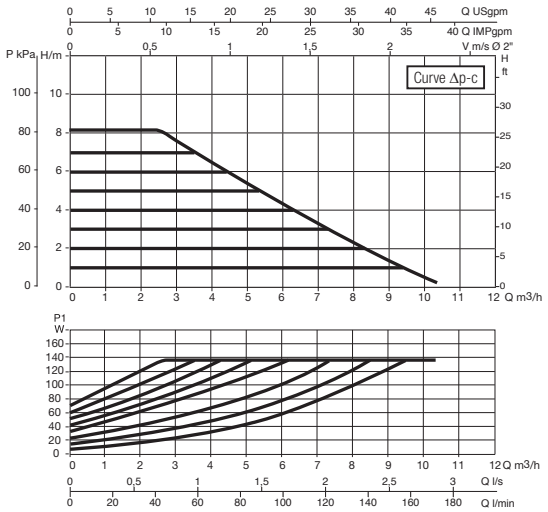




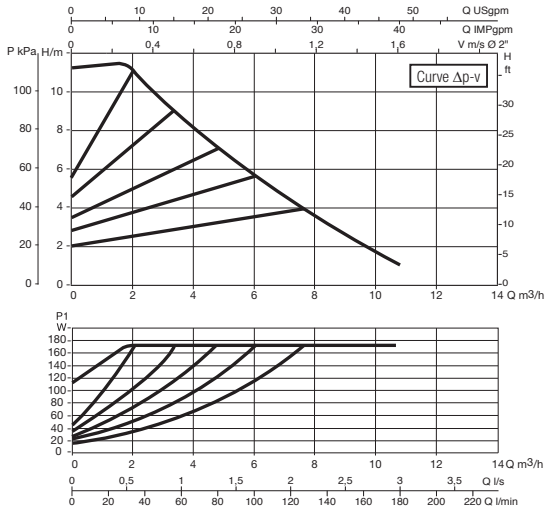
EVOPLUS SMALL
WET ROTOR ELECTRONIC CIRCULATORS

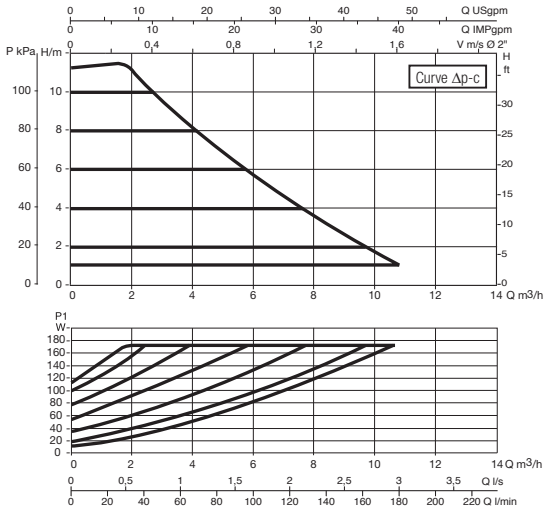
EVOPLUS 80/180 XM



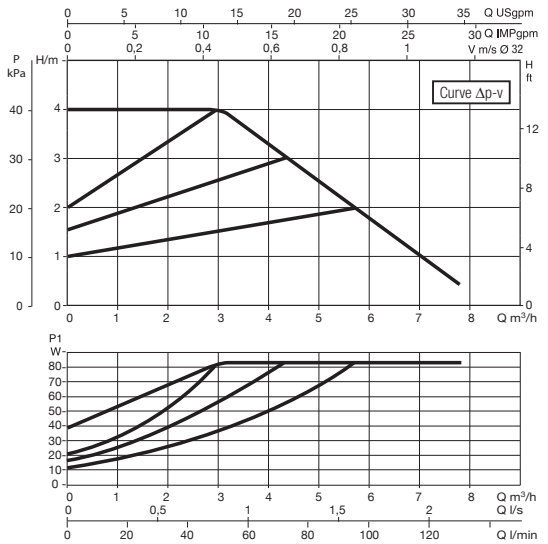


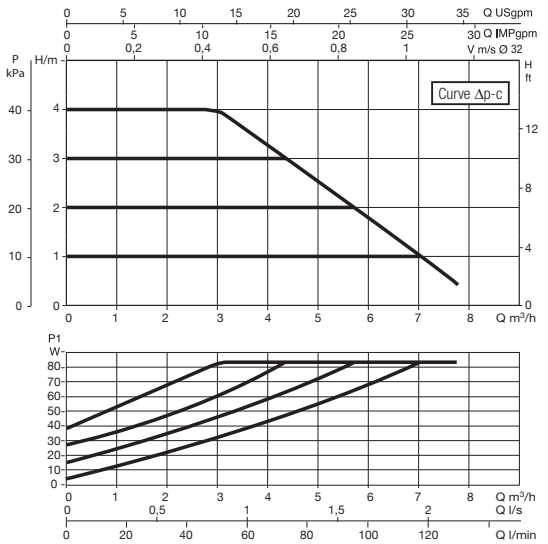
EVOPLUS 110/180 XM



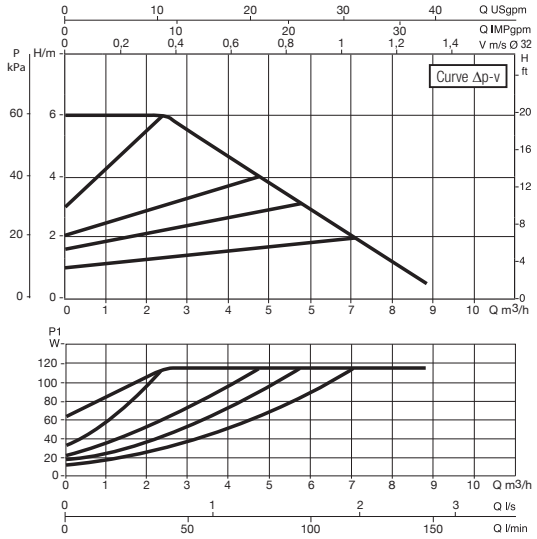


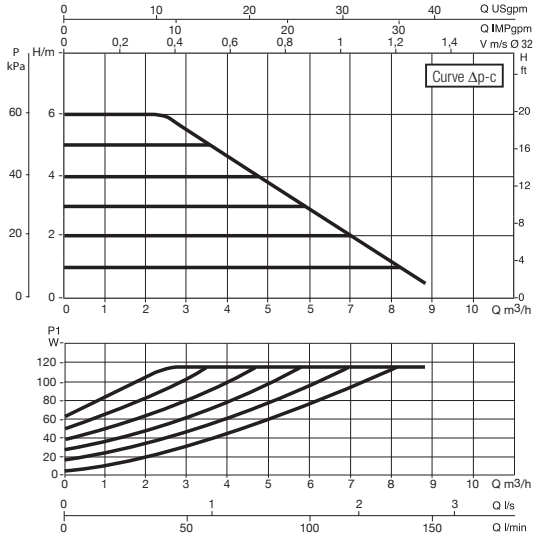
EVOPLUS B 40/220.32 M



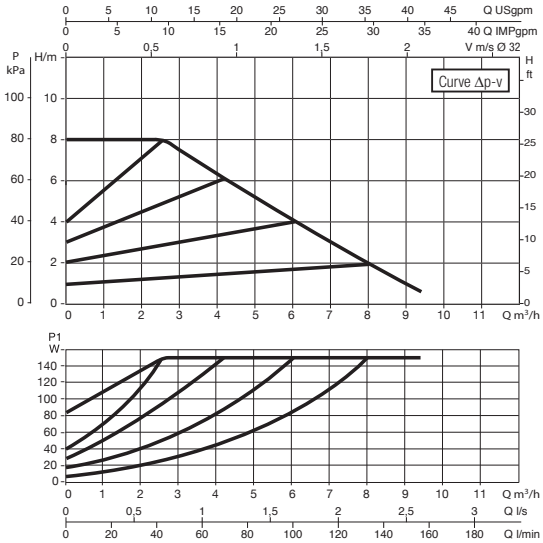


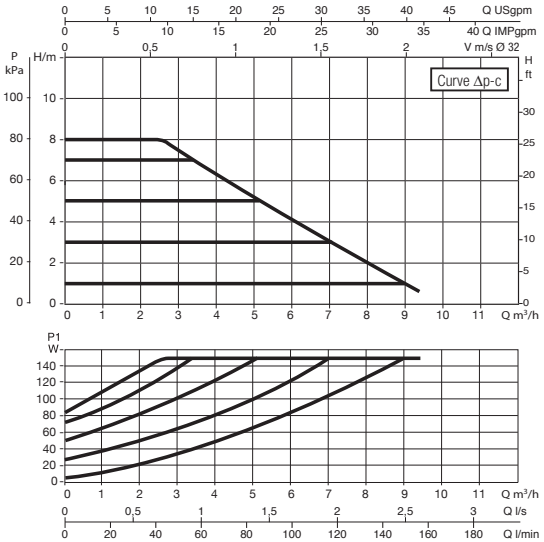
EVOPLUS B 60/220.32 M



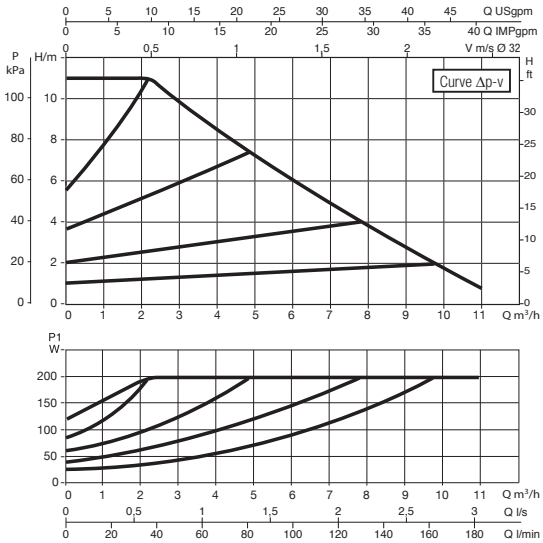


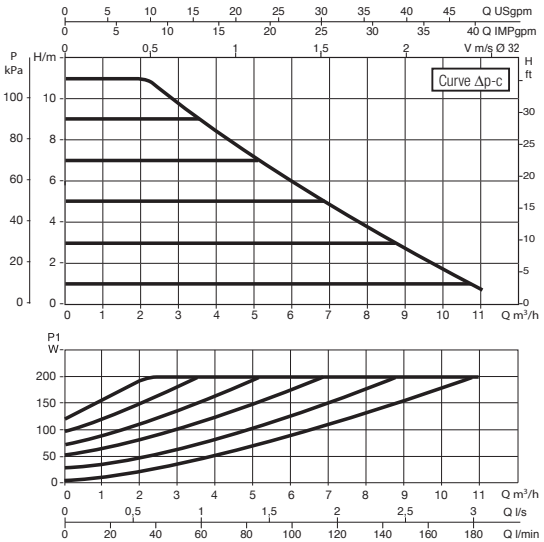
EVOPLUS B 80/220.32 M





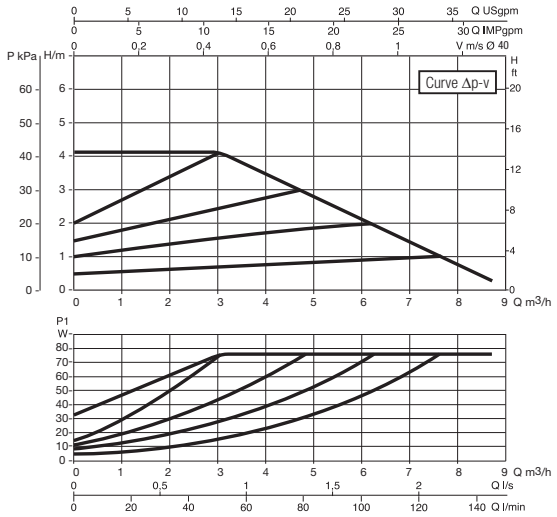
EVOPLUS B 110/220.32 M

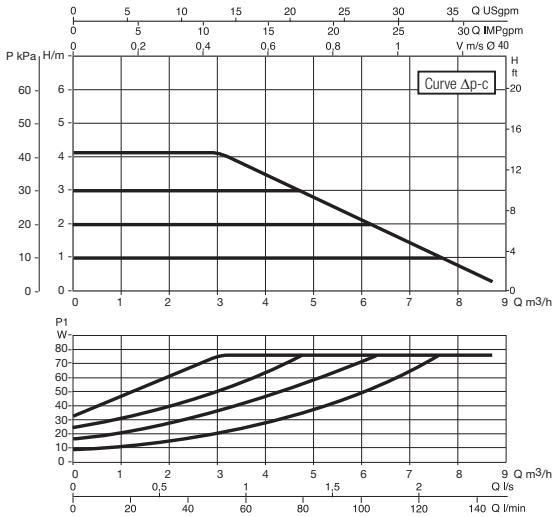




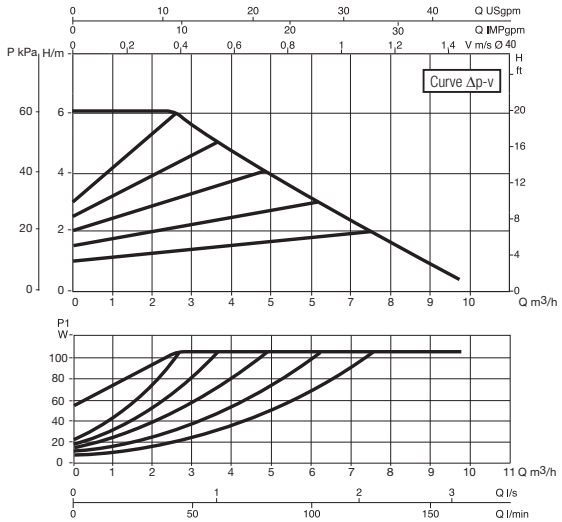
EVOPLUS SMALL
WET ROTOR ELECTRONIC CIRCULATORS

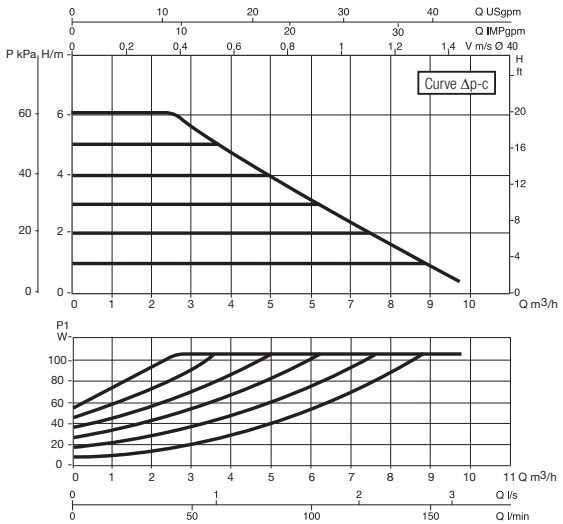
EVOPLUS B 40/250.40 M



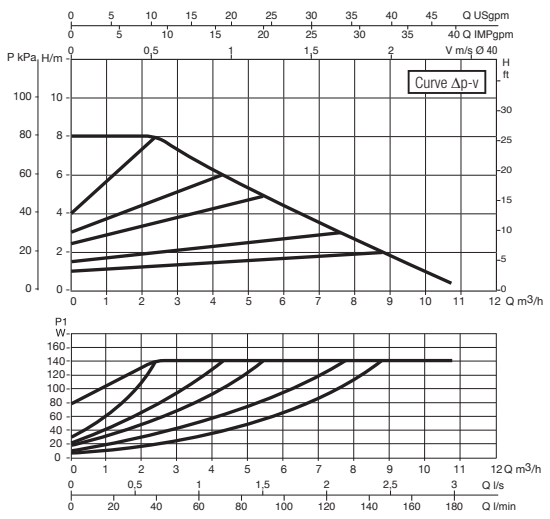


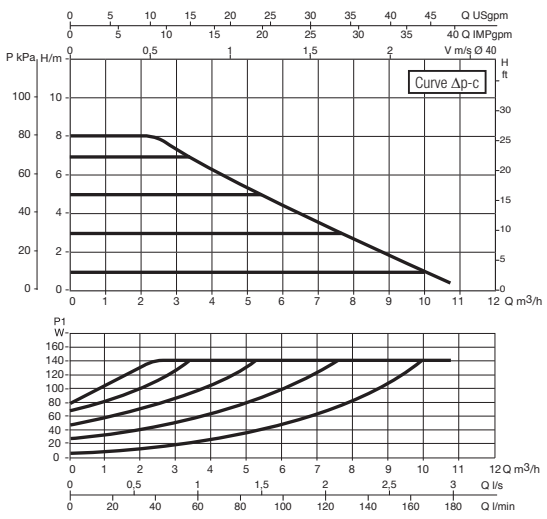
EVOPLUS B 60/250.40 M





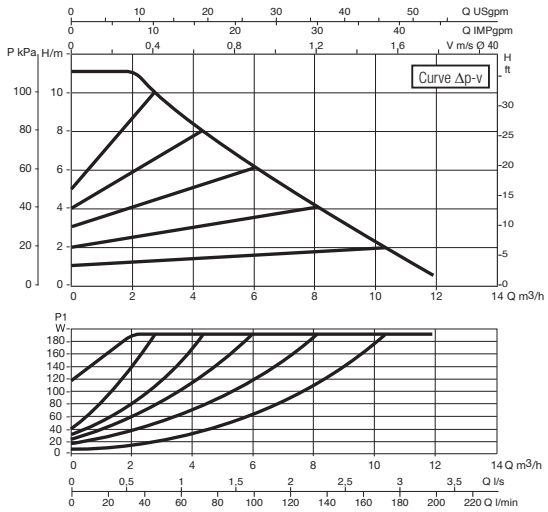
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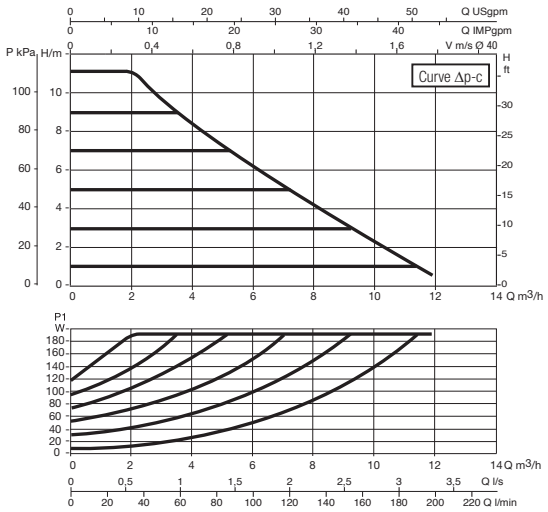




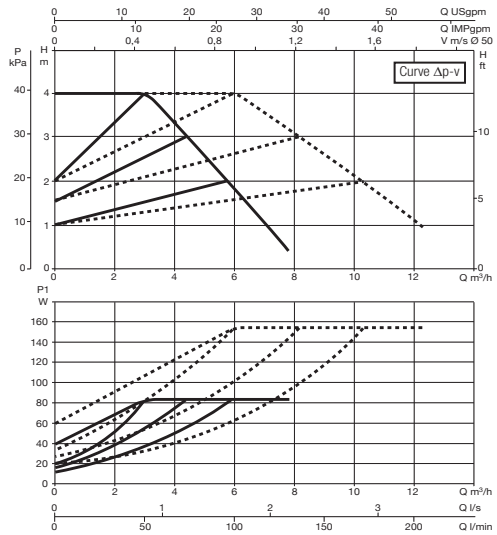
EVOPLUS SMALL
WET ROTOR ELECTRONIC CIRCULATORS

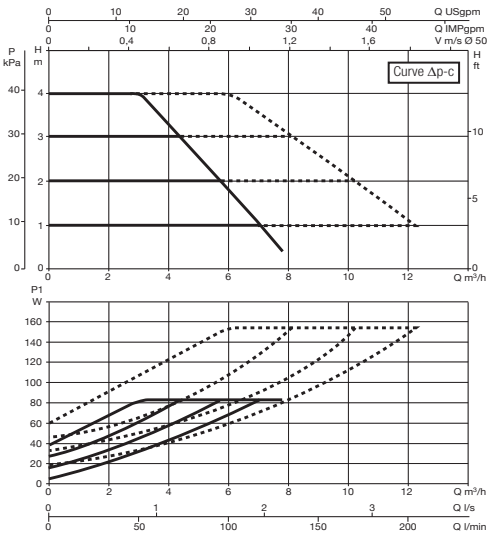
EVOPLUS B 110/250.40 M



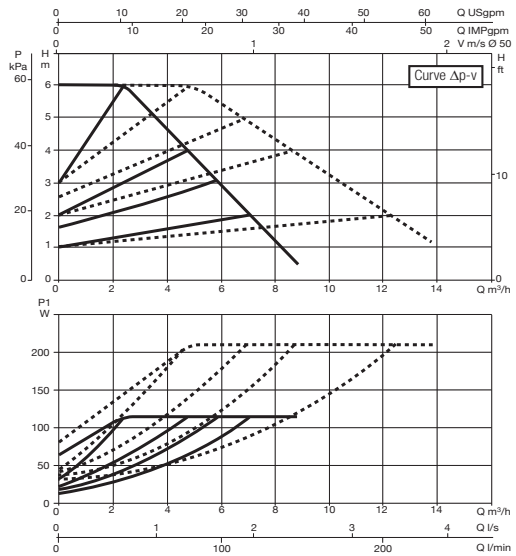


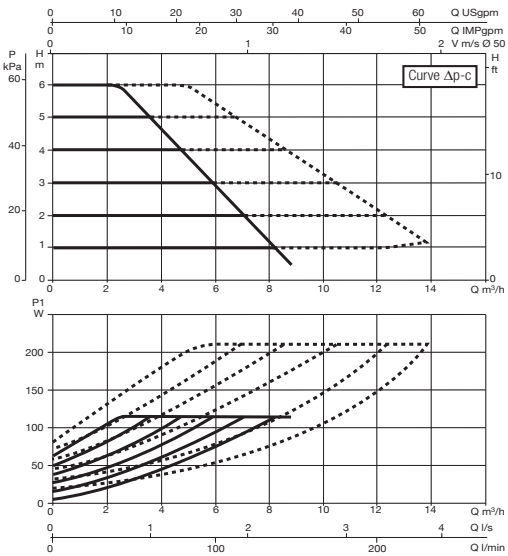
EVOPLUS D 40/220.32 M





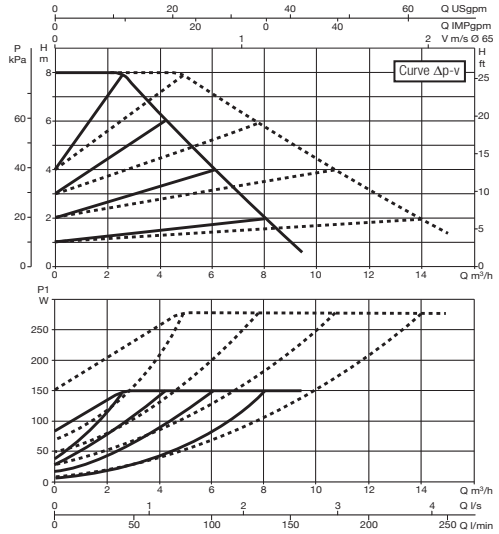
EVOPLUS D 60/220.32 M

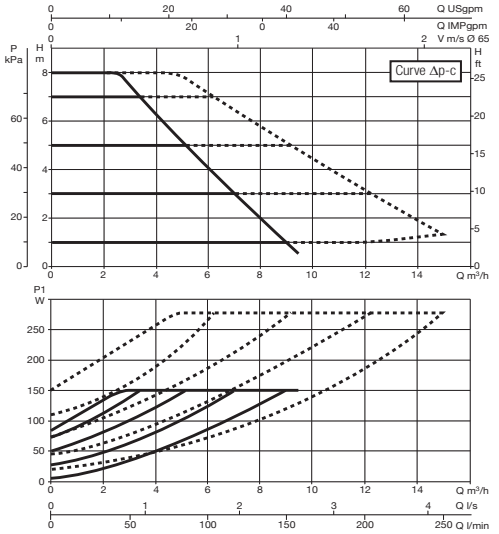




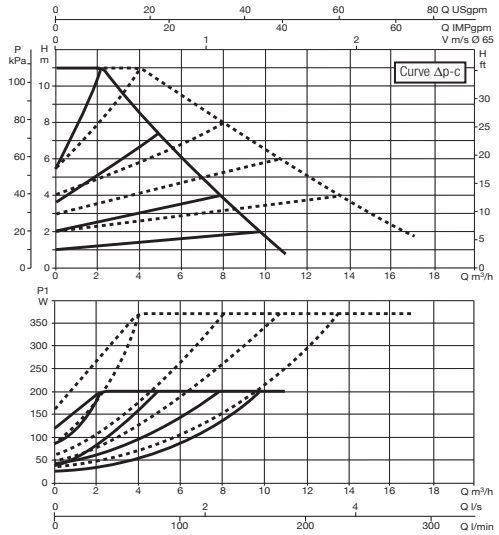
EVOPLUS SMALL
WET ROTOR ELECTRONIC CIRCULATORS

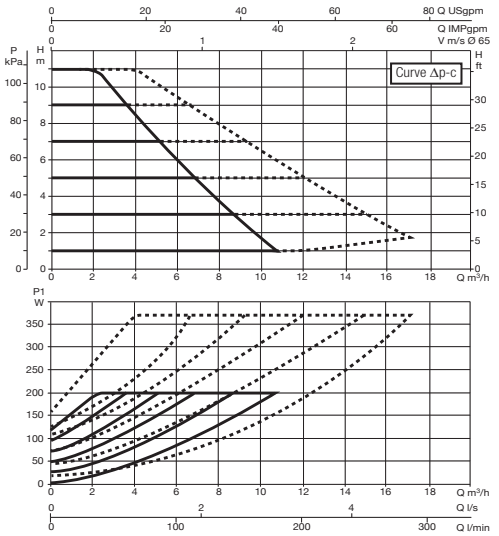
EVOPLUS D 80/220.32 M



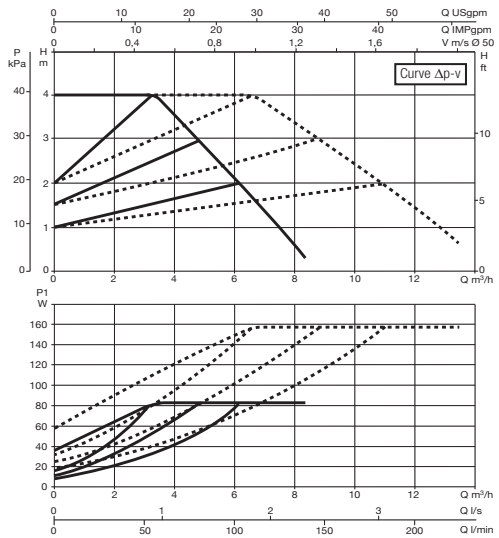


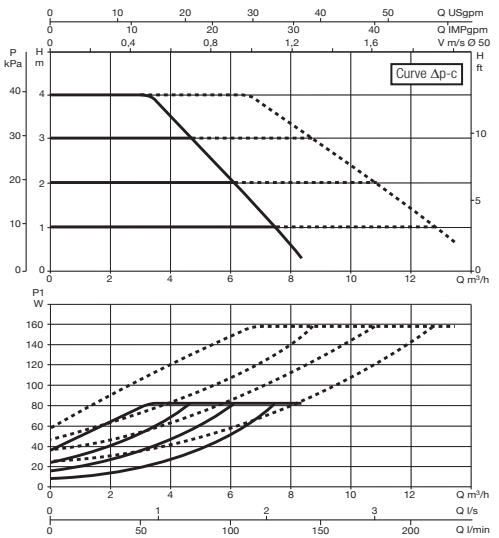
EVOPLUS D110/220.32 M



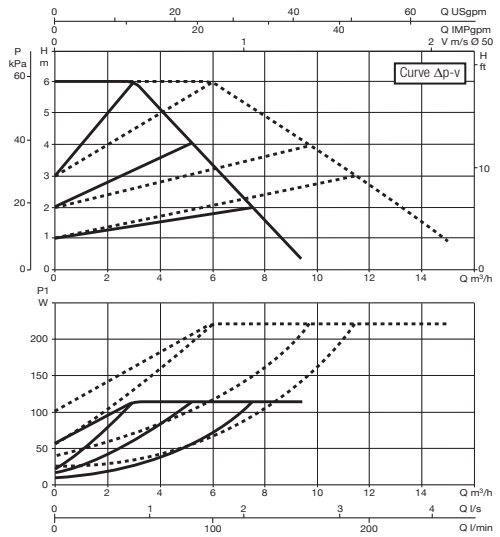


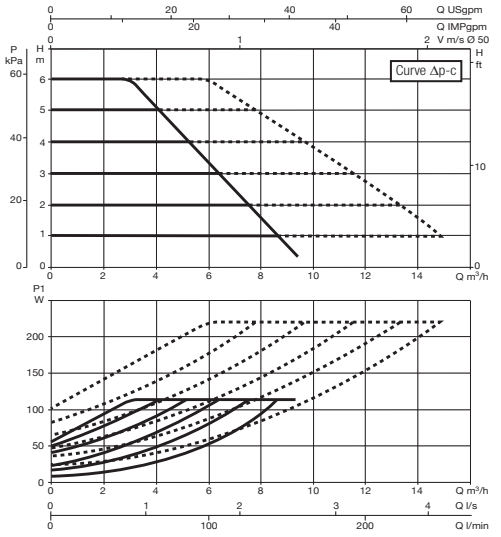
EVOPLUS D 40/250.40 M



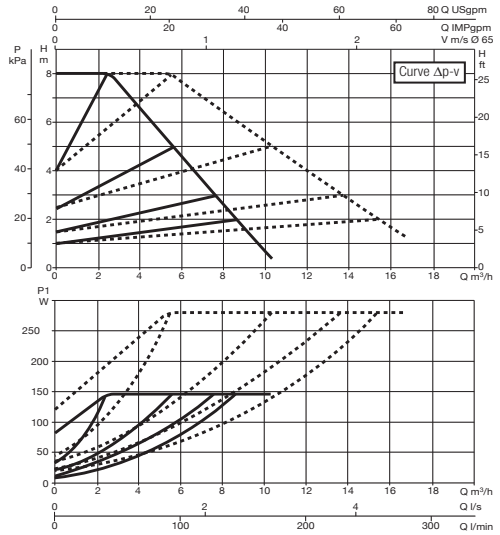


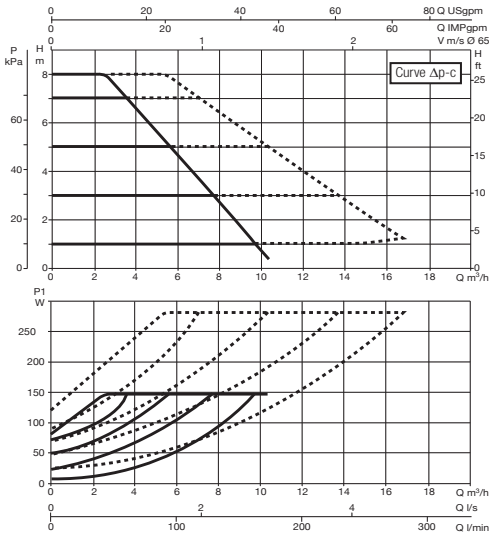
EVOPLUS D 60/250.40 M



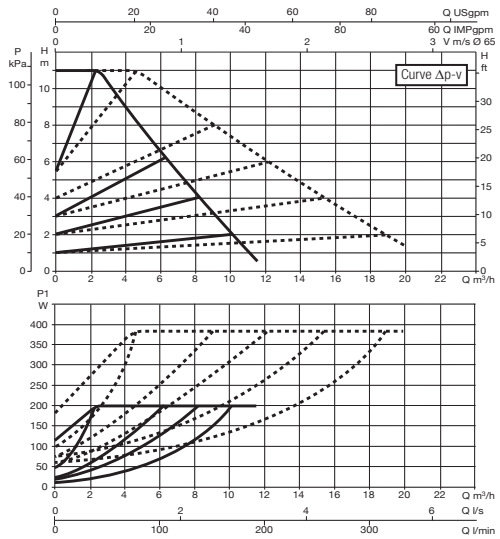


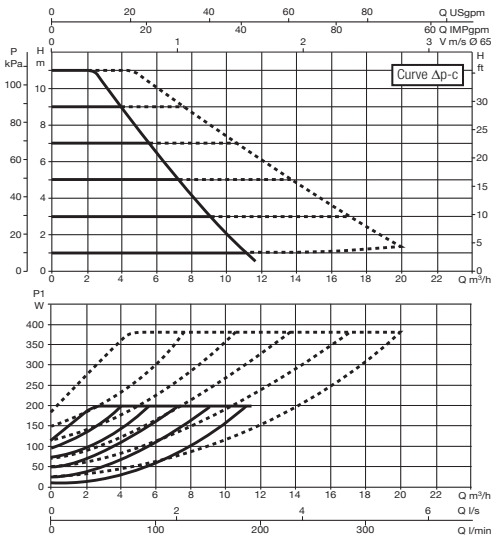
EVOPLUS D 80/250.40 M





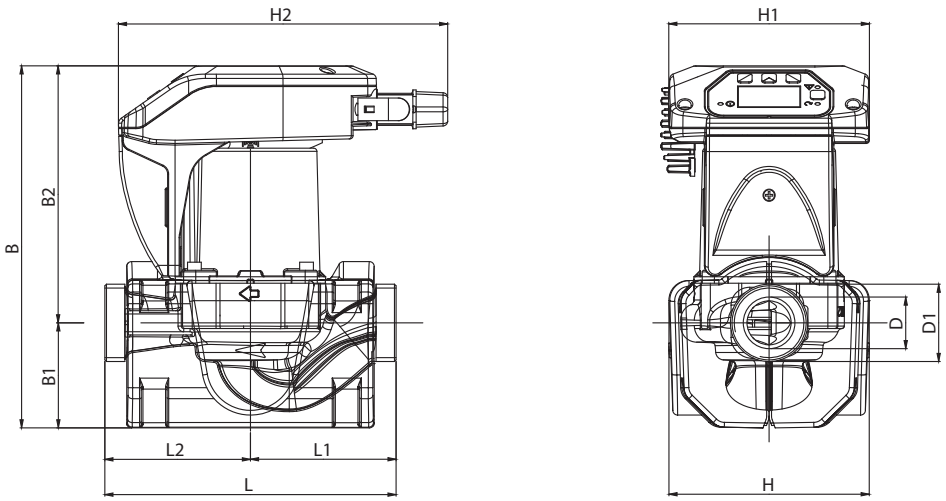
EVOPLUS D110/250.40 M





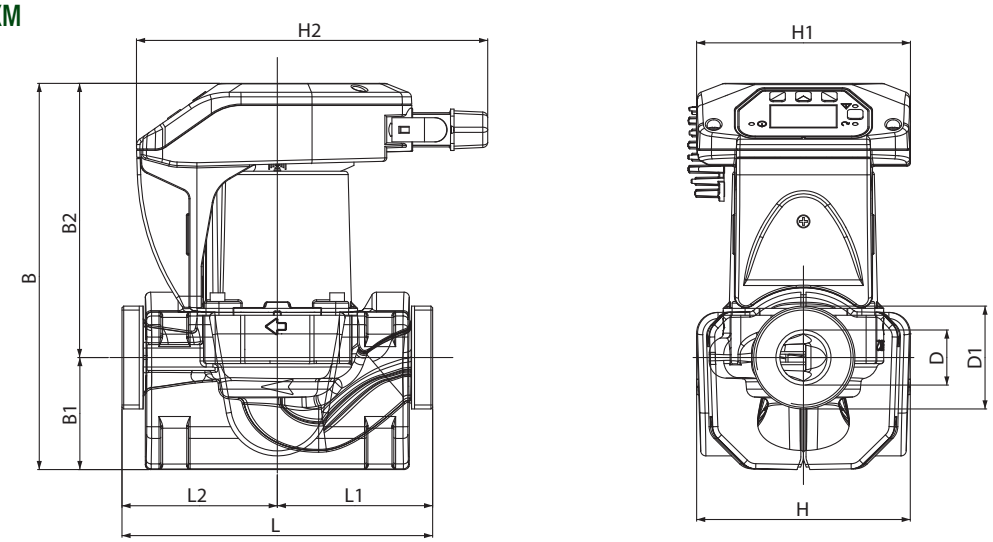
DIMENSIONS AND WEIGHT

EVOPLUS .../180 M



MODEL	L	L1	L2	B	B1	B2	D	D1	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS 40/180 M	180	90	90	224	65	159	32	1"½	124	124	204	4,5	104
EVOPLUS 60/180 M	180	90	90	224	65	159	32	1"½	124	124	204	4,5	104
EVOPLUS 80/180 M	180	90	90	224	65	159	32	1"½	124	124	204	4,,5	104
EVOPLUS 110/180 M	180	90	90	224	65	159	32	1"½	124	124	204	4,5	104

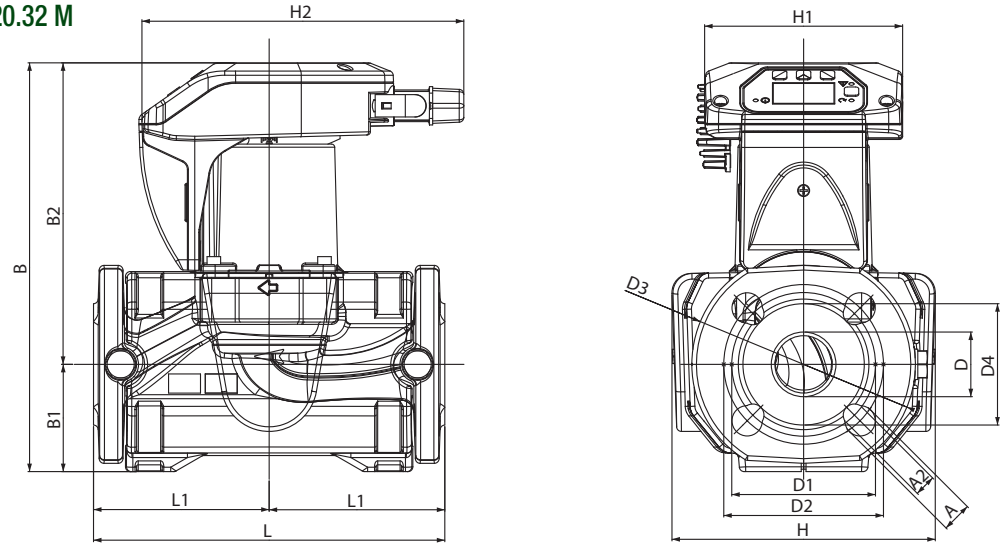
EVOPLUS .../180 XM



MODEL	L	L1	L2	B	B1	B2	D	D1	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS 40/180 XM	180	90	90	224	65	159	32	2"	124	124	204	4,7	104
EVOPLUS 60/180 XM	180	90	90	224	65	159	32	2"	124	124	204	4,7	104
EVOPLUS 80/180 XM	180	90	90	224	65	159	32	2"	124	124	204	4,7	104
EVOPLUS 110/180 XM	180	90	90	224	65	159	32	2"	124	124	204	4,7	104

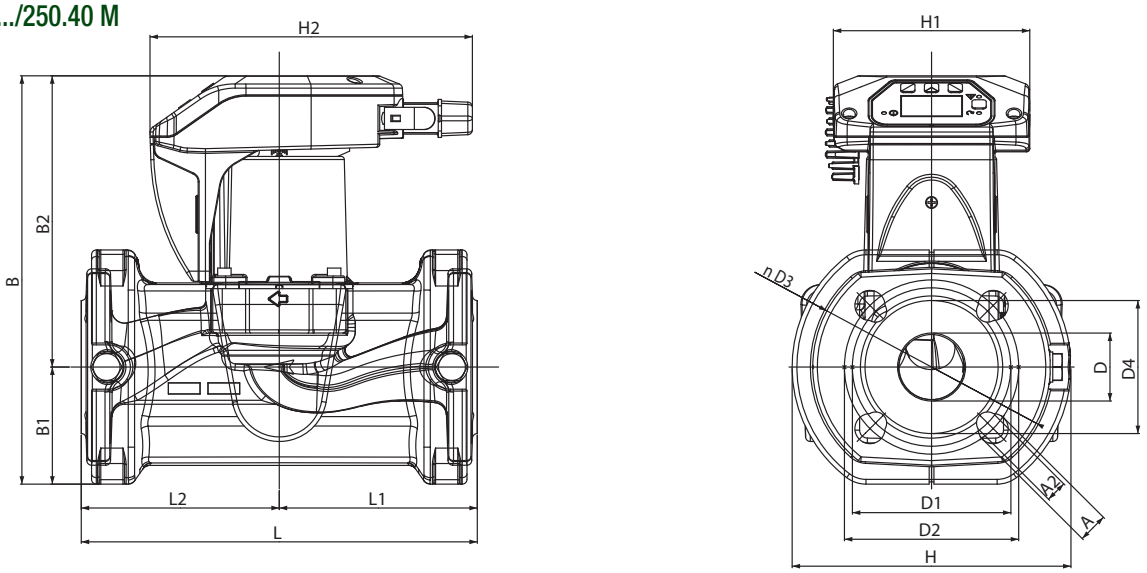
DIMENSIONS AND WEIGHT

EVOPLUS B .../220.32 M



MODEL	L	L1	L2	A	A2	B	B1	B2	D	D1	D2	D3	D4	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS B 40/220.32 M	220	110	110	19	14	256	67	189	40	90	100	140	76	165	124	204	7,5	51
EVOPLUS B 60/220.32 M	220	110	110	19	14	256	67	189	40	90	100	140	76	165	124	204	7,5	51
EVOPLUS B 80/220.32 M	220	110	110	19	14	256	67	189	40	90	100	140	76	165	124	204	7,5	51
EVOPLUS B 110/220.32 M	220	110	110	19	14	256	67	189	40	90	100	140	76	165	124	204	7,5	51

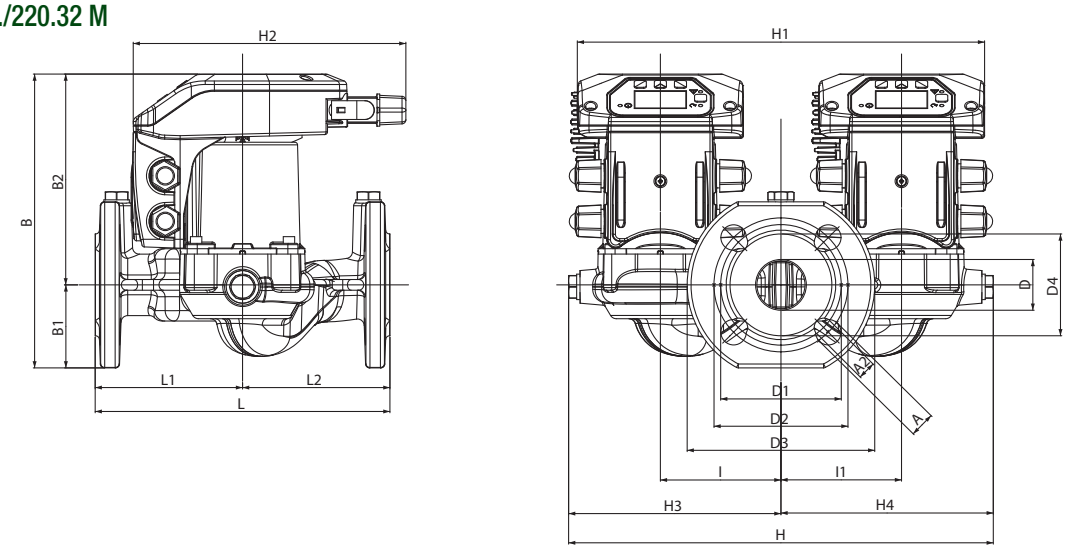
EVOPLUS B .../250.40 M



MODEL	L	L1	L2	A	A2	B	B1	B2	D	D1	D2	D3	D4	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS B 40/250.40 M	250	125	125	19	14	258	74	184	43	100	110	150	84	176	124	204	7,5	51
EVOPLUS B 60/250.40 M	250	125	125	19	14	258	74	184	43	100	110	150	84	176	124	204	7,5	51
EVOPLUS B 80/250.40 M	250	125	125	19	14	258	74	184	43	100	110	150	84	176	124	204	7,5	51
EVOPLUS B 110/250.40 M	250	125	125	19	14	258	74	184	43	100	110	150	84	176	124	204	7,5	51

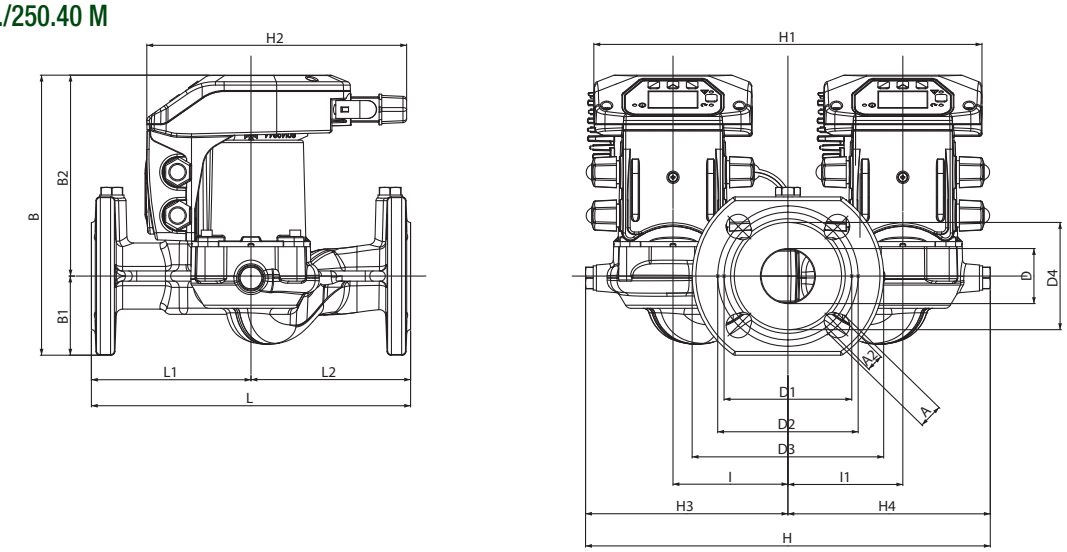
DIMENSIONS AND WEIGHT

EVOPLUS D .../220.32 M



MODEL	L	L1	L2	A	A2	B	B1	B2	D	D1	D2	D3	D4	I	I1	H	H1	H2	H3	H4	WEIGHT Kg	Q.TY x PALLET
EVOPLUS D 40/220.32 M	220	110	110	19	14	220	62	158	40	90	100	140	76	90	90	300	304	204	150	150	13,5	30
EVOPLUS D 60/220.32 M	220	110	110	19	14	220	62	158	40	90	100	140	76	90	90	300	304	204	150	150	13,5	30
EVOPLUS D 80/220.32 M	220	110	110	19	14	220	62	158	40	90	100	140	76	90	90	300	304	204	150	150	13,5	30
EVOPLUS D110/220.32 M	220	110	110	19	14	220	62	158	40	90	100	140	76	90	90	300	304	204	150	150	13,5	30

EVOPLUS D .../250.40 M



MODEL	L	L1	L2	A	A2	B	B1	B2	D	D1	D2	D3	D4	I	I1	H	H1	H2	H3	H4	WEIGHT Kg	Q.TY x PALLET
EVOPLUS D 40/250.40 M	250	125	125	19	14	220	62	158	43	100	110	150	84	90	90	300	304	204	150	150	14,2	30
EVOPLUS D 60/250.40 M	250	125	125	19	14	220	62	158	43	100	110	150	84	90	90	300	304	204	150	150	14,2	30
EVOPLUS D 80/250.40 M	250	125	125	19	14	220	62	158	43	100	110	150	84	90	90	300	304	204	150	150	14,2	30
EVOPLUS D110/250.40 M	250	125	125	19	14	220	62	158	43	100	110	150	84	90	90	300	304	204	150	150	14,2	30

EVOPLUS
WET ROTOR ELECTRONIC CIRCULATORS





HEATING, AIR CONDITIONING

EVOPLUS electronic circulators can be used in heating, ventilation and air conditioning systems for residential and commercial buildings. In all correctly sized installations, the electronically controlled wet rotor pumps constantly ensure sufficient power and, simultaneously, lower noise emissions, greater comfort and a significant reduction in running costs. All models fitted with flanged pump body are available in both single and twin versions. The user interface is easy to use and easy to understand.

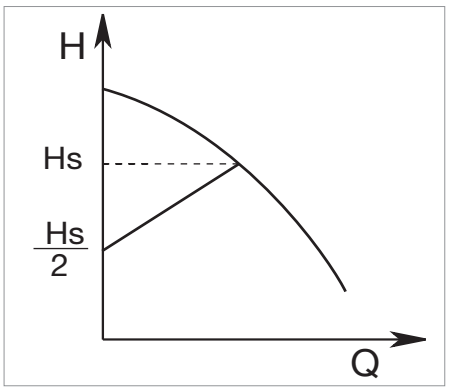
Circulator protection rate: IP 44.
Insulation class: F.
Standard voltage: single-phase 220/240V, 50/60Hz.
In accordance with European standards:
EN 61800-3 - EN 60335-1 - EN 60335-2-51.
Operating range: from 2 to 75.6 m3/h with head up to 18 meters.
Liquid Temperature range: from -10 °C to 110 °C.
Pumped liquid: clean, free from solids and mineral oils, not viscous, chemically neutral, close to the properties of water (max. glycol contents 30%).
Maximum working pressure: 16 bar (1600 kPa).
Standard flanging:
DN 32, DN 40, DN 50, DN 65, PN 6 / PN 10 / PN 16 (4 slots), DN 80 e DN 100, PN 6 (4 slots) usable with flange 4 holes PN10.
Special version on demand:
DN 80 , DN 100 PN 10 / PN 16 (8 holes)
Installation: with horizontal motor shaft.

ACCESSORIES
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OPERATING MODES

All functions listed below can be consulted by all users (irrespective of the level of expertise) simply by scrolling through the menu. Calibration and parameter editing are protected and reserved for expert users. The EVOPLUS range is factory-set to the control mode with differential pressure proportional to the curve that guarantees the best energy efficiency index (EEI).

1 - ΔP-v proportional differential pressure control mode
Control mode ΔP-v provides linear variation of the head delivery value from Hsetp to Hsetp/2 in accordance with changes in flow rate.
This control mode is particularly useful in the following types of installations:



a. two-pipe central heating systems with thermostatic valves and with:
- head of more than 4 metres;
- very long circuit piping;
- valves with broad operating range;
- differential pressure regulators;
- high pressure drops in sections of the system carrying the entirety of the water flow rate;
- low differential temperature.

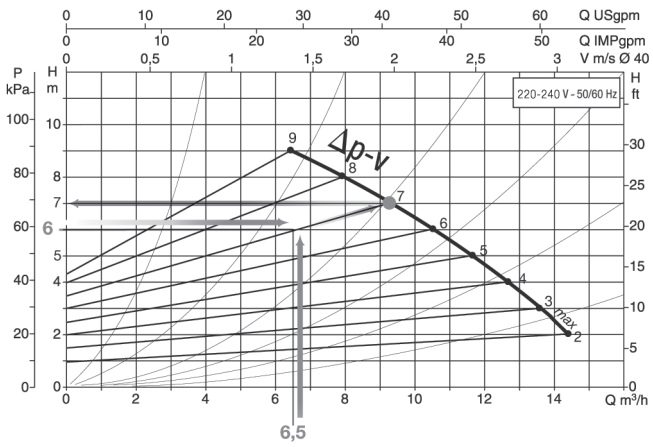
b. Under-floor central heating systems and systems with thermostatic valves and significant pressure drops in the boiler circuit.

c. Installations having primary circuit pumps with high pressure drops.

Examples of set-point input with ΔP-v

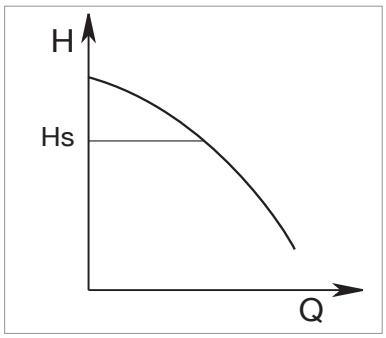
The following operating point is required:
Q = 6,5 m3/h
H = 6 m

PROCEDURE:
1. In the graph, find the required operating point and then find the nearest curve to it (in this case the point lies precisely on the curve)
2. Follow the curve until intersecting the circulator limit curve.
3. The head reading found at this limit point will be the set-point head to be entered to obtain the required operating point.



2 - ΔP-c constant differential pressure control mode

Control mode ΔP-c keeps system differential pressure constant at the user-settable value of H setp despite changes in flow rate.



This control mode is particularly useful in the following types of installations:

a. two-pipe central heating systems with thermostatic valves and with:

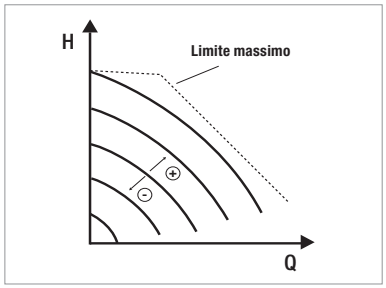
- head of less than 2 metres;
- natural circulation;
- low pressure drops in sections of the system carrying the entirety of the water flow rate;
- high differential temperature (central heating).

b. Under-floor central heating systems with thermostatic valves

c. Single-pipe central heating systems with thermostatic valves and calibration valves

d. Installations having primary circuit pumps with low pressure drops.

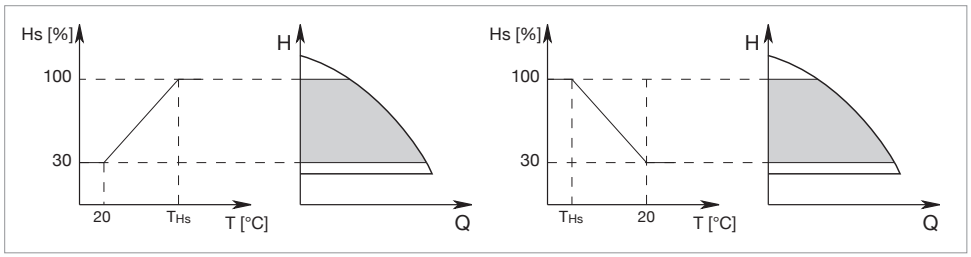
3 - Constant curve control mode



This control setting shows the curve of the circulator at constant speed. The operation curve is selected by setting the rotation speed on a percentage factor. Reaching 100% indicates the curve maximum. The speed of rotation may depend on power restriction and difference in pressure subject to model of circulator. The rotation speed can be set from the display or from an external signal 0-10V or PWM using the multifunction module.

The control setting is ideal for heating and air conditioning applications that require constant flow.

4 - Constant and proportional differential pressure control mode depending on water temperature.



The circulator head set-point is reduced in accordance with the water temperature.

Liquid temperature can be set from 0°C to 100°C.

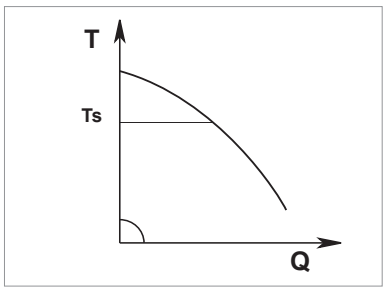
This control mode is particularly useful in the following types of installations:

a. - in variable flow rate installations (two-pipe central heating systems), in which a further reduction of circulator performance is provided in accordance with lowering of the circulating liquid temperature, in the presence of reduced heating demand.

b. - in constant flow rate installations (single-pipe and under-floor central heating systems), where the performance of the circulator can be adjusted only by activating the temperature influence function.

This function is set on EVOPLUS control panel.

5 - ΔT-c constant differential temperature control mode *



ΔT-c control mode keeps the differential temperature of the pumped liquid constant, changing the flow rate to the user-settable value Tsetp.

This control mode is particularly useful in the following types of installations:

- Under-floor central heating systems
- Installations having circuit pumps with heat exchanger
- Solar energy systems with storage tanks
- Swimming pool heating systems with solar panels

* Operation mode in development progress

ECONOMY FUNCTION

The economy function can be set directly on the control panel, by setting a reduction value (f.rid) the maximum value of which is 50%.
In all settings listed above the Hset value must be replaced with a Hset x f.rid value.

TECHNICAL DATA - *SINGLE WITH OVAL FLANGES*

MODEL	CODE	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA																EEI	MINIMUM HEAD PRESSURE
				VOLTAGE 50/60 Hz	P1 MAX W	In A	Q m³/h	0	4,2	5,4	7,2	9,6	12	14,4	18	24	30	36	42	54	72		
							l/min	0	70	90	120	160	200	240	300	400	500	600	700	900	1200		
EVOPLUS B 120/220.32 M	60150962	220	DN 32 PN 6	220/240 V	340	1,7		12,1	11,5	10,7	9,5	7,9	6,3	4,7	2,2								EEI ≤ 0,22	t° 90° 100° m.c.a 20 25
EVOPLUS B 40/220.40 M	60150963	220	DN40 PN 10	220/240 V	90	0,7		4	3,6	3,1	2,5	1,7											EEI ≤ 0,24	t° 90° 100° m.c.a 20 25
EVOPLUS B 60/220.40 M	60150964	220	DN40 PN 10	220/240 V	175	1		6		5,9	5,1	4,1	3	2									EEI ≤ 0,23	t° 90° 100° m.c.a 20 25
EVOPLUS B 80/220.40 M	60150965	220	DN40 PN 10	220/240 V	260	1.35		8		7,9	7,4	6,1	5	3,7	2								EEI ≤ 0,21	t° 90° 100° m.c.a 20 25
EVOPLUS B 100/220.40 M	60150966	220	DN40 PN 10	220/240 V	350	1.75		10			9,7	8,3	7	5,5	3,5								EEI ≤ 0,20	t° 90° 100° m.c.a 20 25
EVOPLUS B 120/250.40 M	60150967	250	DN40 PN 10	220/240 V	465	2,2		12			11,5	10,1	8,7	7,3	5,2								EEI ≤ 0,20	t° 90° 100° m.c.a 20 25
EVOPLUS B 150/250.40 M	60150968	250	DN40 PN 10	220/240 V	610	2,9		15			14,5	12,8	11,3	9,7	7,5	3,8							EEI ≤ 0,20	t° 90° 100° m.c.a 20 25
EVOPLUS B 180/250.40 M	60150969	250	DN40 PN 10	220/240 V	610	2,9		18		16,2	14,6	13	11,2	9,6	7,4	3,9							EEI ≤ 0,20	t° 90° 100° m.c.a 20 25
EVOPLUS B 40/240.50 M	60150970	240	DN50 PN 10	220/240 V	140	0,87		4		3,9	3,6	3,1	2,6	2,1	1,4								EEI ≤ 0,23	t° 90° 100° m.c.a 20 25
EVOPLUS B 60/240.50 M	60150971	240	DN50 PN 10	220/240 V	260	1,35		6				5,4	4,7	4	3,2	1,6							EEI ≤ 0,21	t° 90° 100° m.c.a 20 25
EVOPLUS B 80/240.50 M	60150972	240	DN50 PN 10	220/240 V	330	1,7		8			7,4	6,6	5,9	5,2	4,2	2,6							EEI ≤ 0,21	t° 90° 100° m.c.a 20 25
EVOPLUS B 100/280.50 M	60150973	280	DN50 PN 10	220/240 V	430	2,1		10			9,4	8,4	7,5	6,7	5,5	3,6	2						EEI ≤ 0,20	t° 90° 100° m.c.a 20 25
EVOPLUS B 120/280.50 M	60150974	280	DN50 PN 10	220/240 V	530	2,5		12			11	9,9	9	8,2	6,9	4,8	3						EEI ≤ 0,19	t° 90° 100° m.c.a 20 25
EVOPLUS B 150/280.50 M	60150975	280	DN50 PN 10	220/240 V	640	3		15,3			12,4	11,5	10,6	9,6	8,3	6,2	4,2						EEI ≤ 0,19	t° 90° 100° m.c.a 20 25
EVOPLUS B 180/280.50 M	60150976	280	DN50 PN 10	220/240 V	750	3,45		17,1			14	13	12	11,1	9,7	7,4	5,2	3,1					EEI ≤ 0,19	t° 90° 100° m.c.a 20 25
EVOPLUS B 40/340.65 M	60150977	340	DN65 PN 10	220/240 V	190	1,1	H	4			4	3,8	3,4	3	2,4	1,4							EEI ≤ 0,21	t° 90° 100° m.c.a 20 25
EVOPLUS B 60/340.65 M	60150978	340	DN65 PN 10	220/240 V	355	1,8	(m)	6				6	5,9	5,4	4,7	3,7	2,2						EEI ≤ 0,20	t° 90° 100° m.c.a 20 25
EVOPLUS B 80/340.65 M	60150979	340	DN65 PN 10	220/240 V	465	2,2		8				7,8	7,4	6,8	5,9	4,6	3,5	2					EEI ≤ 0,19	t° 90° 100° m.c.a 20 25
EVOPLUS B 100/340.65 M	60150980	340	DN65 PN 10	220/240 V	590	2,8		10,1				9,8	9,1	8,4	7,6	6,1	4,7	3,1					EEI ≤ 0,18	t° 90° 100° m.c.a 20 25
EVOPLUS B 120/340.65 M	60150981	340	DN65 PN 10	220/240 V	730	3,45		12				11,5	10,8	10	9	7,4	5,9	4,6	2,8				EEI ≤ 0,18	t° 90° 100° m.c.a 20 25
EVOPLUS B 150/340.65 M	60150986	340	DN65 PN 10	220/240 V	1210	5,5		15,2					14,9	14,7	14	12,1	10,3	8,5	6,9				EEI ≤ 0,18	t° 90° 100° m.c.a 20 25
EVOPLUS B 40/360.80 M	60150987	360	DN80 PN10	220/240 V	330	1,65		4							4	3,1	2,2	1,4					EEI ≤ 0,19	t° 90° 100° m.c.a 20 25
EVOPLUS B 60/360.80 M	60150988	360	DN80 PN10	220/240 V	535	2,5		6							6	5,2	4	3	2				EEI ≤ 0,20	t° 90° 100° m.c.a 20 25
EVOPLUS B 80/360.80 M	60150989	360	DN80 PN10	220/240 V	670	3		8							8	6,7	5,4	4,2	3,2				EEI ≤ 0,20	t° 90° 100° m.c.a 20 25
EVOPLUS B 100/360.80 M	60150990	360	DN80 PN10	220/240 V	1005	4,5		10								9,7	8,3	6,7	5,4	3			EEI ≤ 0,19	t° 90° 100° m.c.a 20 25
EVOPLUS B 120/360.80 M	60150991	360	DN80 PN10	220/240 V	1235	5,5		12,1								11,6	9,9	8,3	6,8	4,1			EEI ≤ 0,19	t° 90° 100° m.c.a 20 25
EVOPLUS B 40/450.100 M	60150992	450	DN100 PN 10	220/240 V	530	2,5		4									3,9	3	2				EEI ≤ 0,19	t° 90° 100° m.c.a 20 25
EVOPLUS B 60/450.100 M	60150993	450	DN100 PN 10	220/240 V	760	3,5		6									5,7	4,7	3,6	1,3			EEI ≤ 0,18	t° 90° 100° m.c.a 20 25
EVOPLUS B 80/450.100 M	60150994	450	DN100 PN 10	220/240 V	1080	4,8		8									8	7,2	5,7	3,4			EEI ≤ 0,18	t° 90° 100° m.c.a 20 25
EVOPLUS B 100/450.100 M	60150995	450	DN100 PN 10	220/240 V	1380	6		10,1									10,1	9,2	7,6	4,9	0,7		EEI ≤ 0,19	t° 90° 100° m.c.a 20 25
EVOPLUS B 120/450.100 M	60150999	450	DN100 PN 10	220/240 V	1560	7		12,2									11,8	10,4	8,7	5,9	1,5		EEI ≤ 0,19	t° 90° 100° m.c.a 20 25

TECHNICAL DATA - SPECIAL VERSION *SINGLE WITH OVAL FLANGES* ***PN 16***

MODEL	CODE	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA									EEI	MINIMUM HEAD PRESSURE
				VOLTAGE 50/60 Hz	P1 MAX W	In A	Q m³/h	0	18	24	30	36	42	54	72		
							l/min	0	300	400	500	600	700	900	1200		
EVOPLUS B 40/360.80 M	60153017	360	DN80 PN 16	220/240 V	330	1,65		4	4	3,1	2,2	1,4				EEI ≤ 0,19	t° 90° 100° m.c.a 20 25
EVOPLUS B 60/360.80 M	60153018	360	DN80 PN 16	220/240 V	535	2,5		6	6	5,2	4	3	2			EEI ≤ 0,20	t° 90° 100° m.c.a 20 25
EVOPLUS B 80/360.80 M	60153019	360	DN80 PN 16	220/240 V	670	3		8	8	6,7	5,4	4,2	3,2			EEI ≤ 0,20	t° 90° 100° m.c.a 20 25
EVOPLUS B 100/360.80 M	60153020	360	DN80 PN 16	220/240 V	1005	4,5		10		9,7	8,3	6,7	5,4	3		EEI ≤ 0,19	t° 90° 100° m.c.a 20 25
EVOPLUS B 120/360.80 M	60153021	360	DN80 PN 16	220/240 V	1235	5,5	H	12,1		11,6	9,9	8,3	6,8	4,1		EEI ≤ 0,19	t° 90° 100° m.c.a 20 25
EVOPLUS B 40/450.100 M	60153022	450	DN100 PN 16	220/240 V	530	2,5	(m)	4			3,9	3	2			EEI ≤ 0,19	t° 90° 100° m.c.a 20 25
EVOPLUS B 60/450.100 M	60153023	450	DN100 PN 16	220/240 V	760	3,5		6			5,7	4,7	3,6	1,3		EEI ≤ 0,18	t° 90° 100° m.c.a 20 25
EVOPLUS B 80/450.100 M	60153024	450	DN100 PN 16	220/240 V	1080	4,8		8			8	7,2	5,7	3,4		EEI ≤ 0,18	t° 90° 100° m.c.a 20 25
EVOPLUS B 100/450.100 M	60153025	450	DN100 PN 16	220/240 V	1380	6		10,1			10,1	9,2	7,6	4,9	0,7	EEI ≤ 0,19	t° 90° 100° m.c.a 20 25
EVOPLUS B 120/450.100 M	60153026	450	DN100 PN 16	220/240 V	1560	7		12,2			11,8	10,4	8,7	5,9	1,5	EEI ≤ 0,19	t° 90° 100° m.c.a 20 25

DAB PUMPS reserves the right to make modifications without notice

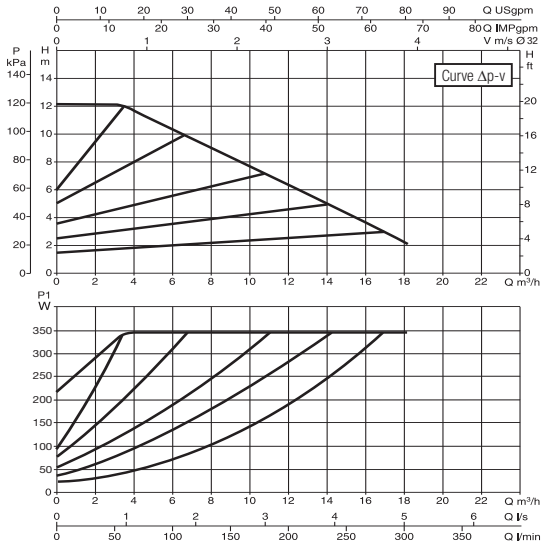
TECHNICAL DATA - *TWIN WITH OVAL FLANGES*

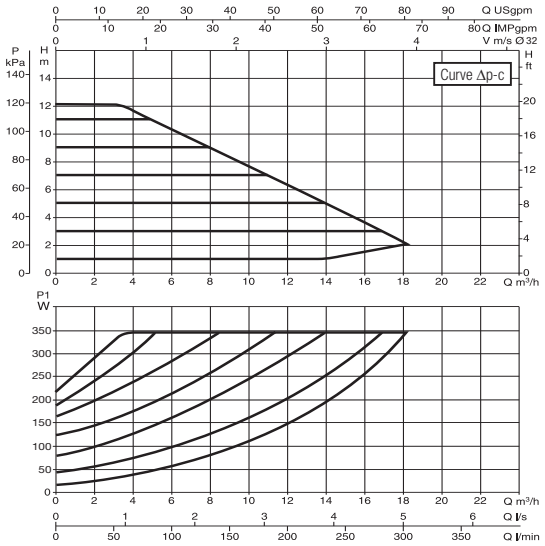
MODEL	CODE	CENTRE DISTANCE mm	COUNTERFLANG. ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA														EEI	MINIMUM HEAD PRESSURE
				VOLTAGE 50/60 Hz	P1 MAX W	In A	Q m³/h	0	4,2	5,4	7,2	9,6	12	14,4	18	24	30	36	42	54	72		
							l/min	0	70	90	120	160	200	240	300	400	500	600	700	900	1200		
EVOPLUS D 120/220.32 M	60151000	220	DN 32 PN 6	220/240 V	340	1,7		12,1	11,5	10,7	9,5	7,9	6,3	4,7	2,2							EEI ≤ 0,22	t° 90° 100° m.c.a 20 25
EVOPLUS D 40/220.40 M	60151001	220	DN40 PN 10	220/240 V	90	0,7		4	3,6	3,1	2,5	1,7										EEI ≤ 0,25	t° 90° 100° m.c.a 20 25
EVOPLUS D 60/220.40 M	60151002	220	DN40 PN 10	220/240 V	175	1		6		5,9	5,1	4,1	3	2								EEI ≤ 0,25	t° 90° 100° m.c.a 20 25
EVOPLUS D 80/220.40 M	60151003	220	DN40 PN 10	220/240 V	260	1,35		8		7,9	7,4	6,1	5	3,7	2							EEI ≤ 0,25	t° 90° 100° m.c.a 20 25
EVOPLUS D 100/220.40 M	60151004	220	DN40 PN 10	220/240 V	350	1,75		10			9,7	8,3	7	5,5	3,5							EEI ≤ 0,25	t° 90° 100° m.c.a 20 25
EVOPLUS D 120/250.40 M	60151005	250	DN40 PN 10	220/240 V	465	2,2		12			11,5	10,1	8,7	7,3	5,2							EEI ≤ 0,23	t° 90° 100° m.c.a 20 25
EVOPLUS D 150/250.40 M	60151006	250	DN40 PN 10	220/240 V	610	2,9		15			14,5	12,8	11,3	9,7	7,5	3,8						EEI ≤ 0,23	t° 90° 100° m.c.a 20 25
EVOPLUS D 180/250.40 M	60151007	250	DN40 PN 10	220/240 V	610	2,9		18		16,2	14,6	13	11,2	9,6	7,4	3,9						EEI ≤ 0,23	t° 90° 100° m.c.a 20 25
EVOPLUS D 40/240.50 M	60151008	240	DN50 PN 10	220/240 V	430	0,87		4		3,9	3,6	3,1	2,6	2,1	1,4							EEI ≤ 0,23	t° 90° 100° m.c.a 20 25
EVOPLUS D 60/240.50 M	60151009	240	DN50 PN 10	220/240 V	260	1,35		6				5,4	4,7	4	3,2	1,6						EEI ≤ 0,22	t° 90° 100° m.c.a 20 25
EVOPLUS D 80/240.50 M	60151010	240	DN50 PN 10	220/240 V	330	1,7		8			7,4	6,6	5,9	5,2	4,2	2,6						EEI ≤ 0,22	t° 90° 100° m.c.a 20 25
EVOPLUS D 100/280.50 M	60151011	280	DN50 PN 10	220/240 V	430	2,1		10			9,4	8,4	7,5	6,7	5,5	3,6	2					EEI ≤ 0,22	t° 90° 100° m.c.a 20 25
EVOPLUS D 120/280.50 M	60151012	280	DN50 PN 10	220/240 V	530	2,5		12			11	9,9	9	8,2	6,9	4,8	3					EEI ≤ 0,22	t° 90° 100° m.c.a 20 25
EVOPLUS D 150/280.50 M	60151013	280	DN50 PN 10	220/240 V	640	3		15,3			12,4	11,5	10,6	9,6	8,3	6,2	4,2					EEI ≤ 0,21	t° 90° 100° m.c.a 20 25
EVOPLUS D 180/280.50 M	60151014	280	DN50 PN 10	220/240 V	750	3,45		17,1			14	13	12	11,1	9,7	7,4	5,2	3,1				EEI ≤ 0,21	t° 90° 100° m.c.a 20 25
EVOPLUS D 40/340.65 M	60151015	340	DN65 PN 10	220/240 V	190	1,1	H (m)	4			4	3,8	3,4	3	2,4	1,4						EEI ≤ 0,21	t° 90° 100° m.c.a 20 25
EVOPLUS D 60/340.65 M	60151016	340	DN65 PN 10	220/240 V	355	1,8		6				6	5,9	5,4	4,7	3,7	2,2					EEI ≤ 0,21	t° 90° 100° m.c.a 20 25
EVOPLUS D 80/340.65 M	60151017	340	DN65 PN 10	220/240 V	465	2,2		8				7,8	7,4	6,8	5,9	4,6	3,5	2				EEI ≤ 0,21	t° 90° 100° m.c.a 20 25
EVOPLUS D 100/340.65 M	60151018	340	DN65 PN 10	220/240 V	590	2,8		10,1				9,8	9,1	8,4	7,6	6,1	4,7	3,1				EEI ≤ 0,20	t° 90° 100° m.c.a 20 25
EVOPLUS D 120/340.65 M	60151019	340	DN65 PN 10	220/240 V	730	3,45		12				11,5	10,8	10	9	7,4	5,9	4,6	2,8			EEI ≤ 0,20	t° 90° 100° m.c.a 20 25
EVOPLUS D 150/340.65 M	60151020	340	DN65 PN 10	220/240 V	1210	5,5		15,2					14,9	14,7	14	12,1	10,3	8,5	6,9			EEI ≤ 0,20	t° 90° 100° m.c.a 20 25
EVOPLUS D 40/360.80 M	60151021	360	DN80 PN 10	220/240 V	330	1,65		4							4	3,1	2,2	1,4				EEI ≤ 0,20	t° 90° 100° m.c.a 20 25
EVOPLUS D 60/360.80 M	60151022	360	DN80 PN 10	220/240 V	535	2,5		6							6	5,2	4	3	2			EEI ≤ 0,20	t° 90° 100° m.c.a 20 25
EVOPLUS D 80/360.80 M	60151023	360	DN80 PN 10	220/240 V	670	3		8							8	6,7	5,4	4,2	3,2			EEI ≤ 0,20	t° 90° 100° m.c.a 20 25
EVOPLUS D 100/360.80 M	60151024	360	DN80 PN 10	220/240 V	1005	4,5		10								9,7	8,3	6,7	5,4	3		EEI ≤ 0,19	t° 90° 100° m.c.a 20 25
EVOPLUS D 120/360.80 M	60151025	360	DN80 PN 10	220/240 V	1235	5,5		12,1								11,6	9,9	8,3	6,8	4,1		EEI ≤ 0,19	t° 90° 100° m.c.a 20 25
EVOPLUS D 40/450.100 M	60151026	450	DN100 PN 10	220/240 V	530	2,5		4									3,9	3	2			EEI ≤ 0,19	t° 90° 100° m.c.a 20 25
EVOPLUS D 60/450.100 M	60151027	450	DN100 PN 10	220/240 V	760	3,5		6									5,7	4,7	3,6	1,3		EEI ≤ 0,19	t° 90° 100° m.c.a 20 25
EVOPLUS D 80/450.100 M	60151028	450	DN100 PN 10	220/240 V	1080	4,8		8									8	7,2	5,7	3,4		EEI ≤ 0,20	t° 90° 100° m.c.a 20 25
EVOPLUS D 100/450.100 M	60151029	450	DN100 PN 10	220/240 V	1380	6		10,1									10,1	9,2	7,6	4,9	0,7	EEI ≤ 0,20	t° 90° 100° m.c.a 20 25
EVOPLUS D 120/450.100 M	60151030	450	DN100 PN 10	220/240 V	1560	7		12,2									11,8	10,4	8,7	5,9	1,5	EEI ≤ 0,20	t° 90° 100° m.c.a 20 25

TECHNICAL DATA - SPECIAL VERSION *TWIN WITH OVAL FLANGES* ***PN 16***

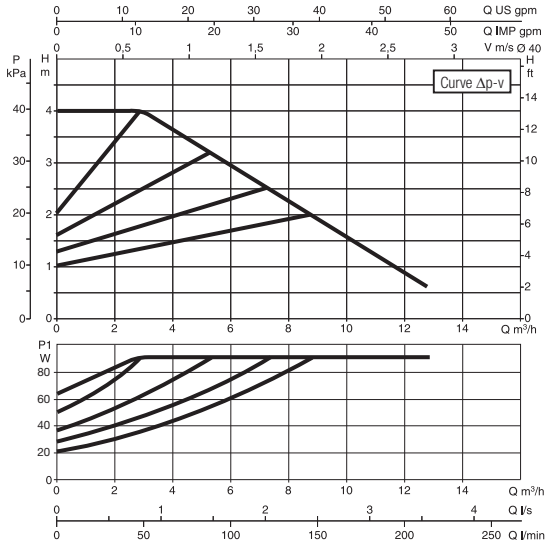
MODEL	CODE	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA									EEI	MINIMUM HEAD PRESSURE
				VOLTAGE 50/60 Hz	P1 MAX W	In A	Q m³/h	0	18	24	30	36	42	54	72		
							l/min	0	300	400	500	600	700	900	1200		
EVOPLUS D 40/360.80 M	60153028	360	DN80 PN 16	220/240 V	330	1,65		4	4	3,1	2,2	1,4				EEI ≤ 0,20	t° 90° 100° m.c.a 20 25
EVOPLUS D 60/360.80 M	60153029	360	DN80 PN 16	220/240 V	535	2,5		6	6	5,2	4	3	2			EEI ≤ 0,20	t° 90° 100° m.c.a 20 25
EVOPLUS D 80/360.80 M	60153030	360	DN80 PN 16	220/240 V	670	3		8	8	6,7	5,4	4,2	3,2			EEI ≤ 0,20	t° 90° 100° m.c.a 20 25
EVOPLUS D 100/360.80 M	60153031	360	DN80 PN 16	220/240 V	1005	4,5		10		9,7	8,3	6,7	5,4	3		EEI ≤ 0,19	t° 90° 100° m.c.a 20 25
EVOPLUS D 120/360.80 M	60153032	360	DN80 PN 16	220/240 V	1235	5,5		12,1		11,6	9,9	8,3	6,8	4,1		EEI ≤ 0,19	t° 90° 100° m.c.a 20 25
EVOPLUS D 40/450.100 M	60153033	450	DN100 PN 16	220/240 V	530	2,5	H (m)	4			3,9	3	2			EEI ≤ 0,19	t° 90° 100° m.c.a 20 25
EVOPLUS D 60/450.100 M	60153034	450	DN100 PN 16	220/240 V	760	3,5		6			5,7	4,7	3,6	1,3		EEI ≤ 0,19	t° 90° 100° m.c.a 20 25
EVOPLUS D 80/450.100 M	60153035	450	DN100 PN 16	220/240 V	1080	4,8		8			8	7,2	5,7	3,4		EEI ≤ 0,20	t° 90° 100° m.c.a 20 25
EVOPLUS D 100/450.100 M	60153036	450	DN100 PN 16	220/240 V	1380	6		10,1			10,1	9,2	7,6	4,9	0,7	EEI ≤ 0,20	t° 90° 100° m.c.a 20 25
EVOPLUS D 120/450.100 M	60153037	450	DN100 PN 16	220/240 V	1560	7		12,2			11,8	10,4	8,7	5,9	1,5	EEI ≤ 0,20	t° 90° 100° m.c.a 20 25

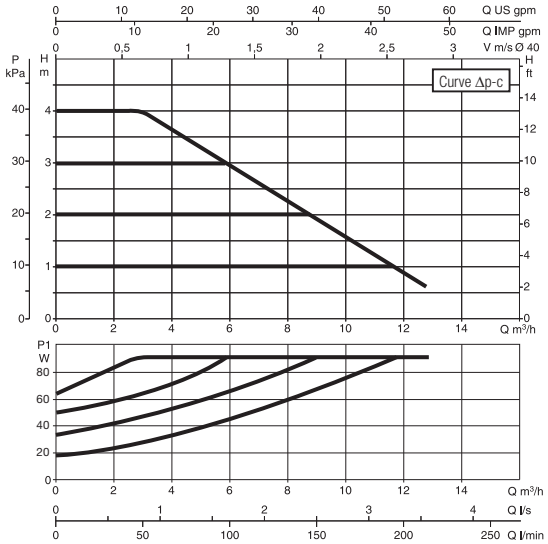
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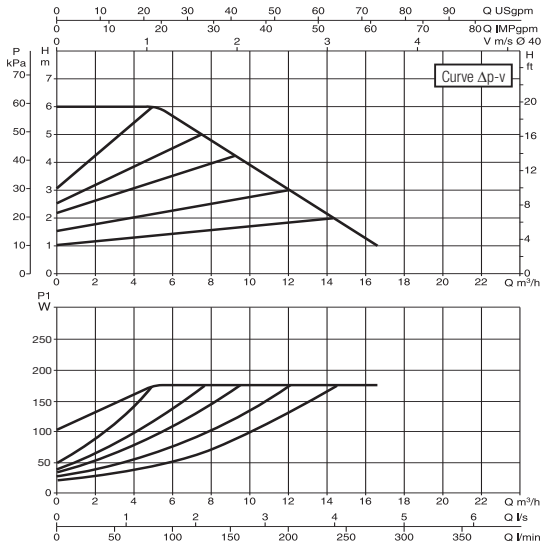


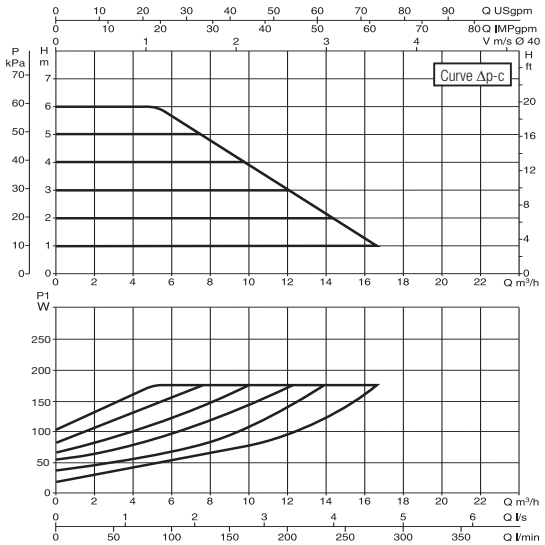
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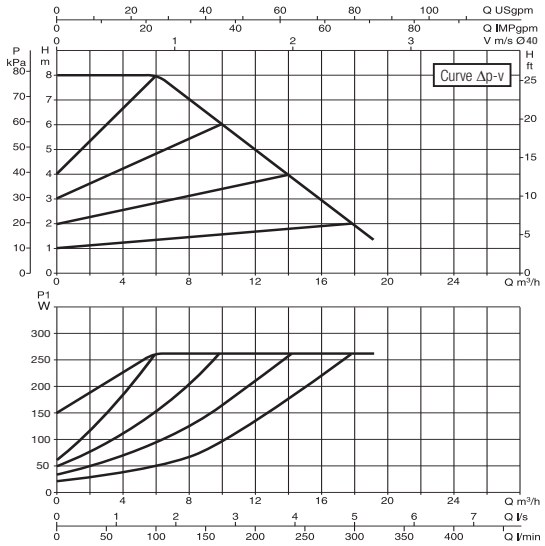
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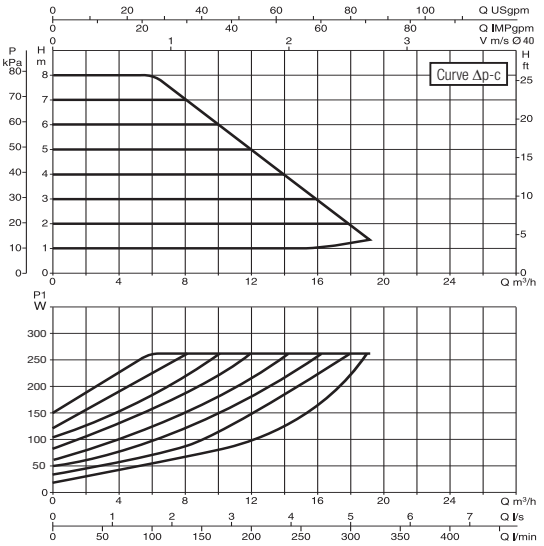




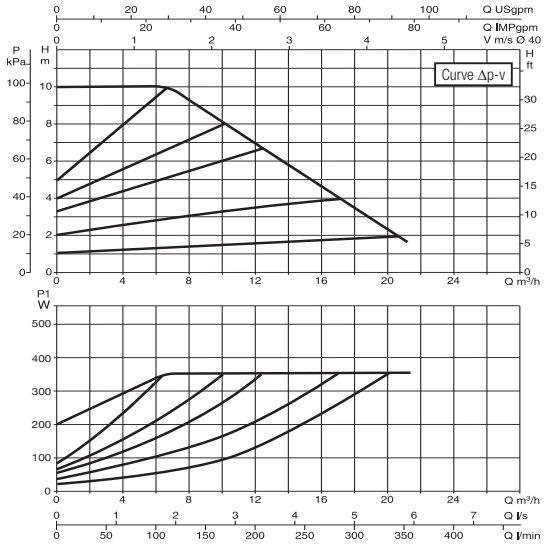
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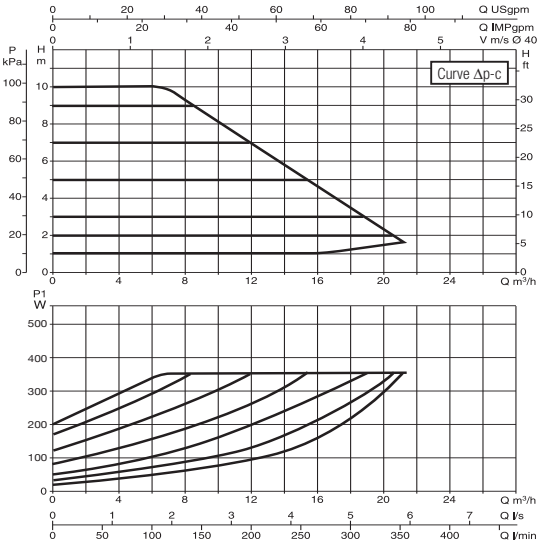
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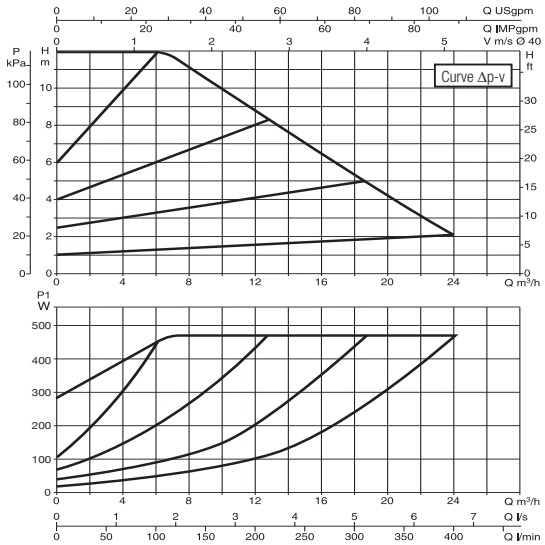


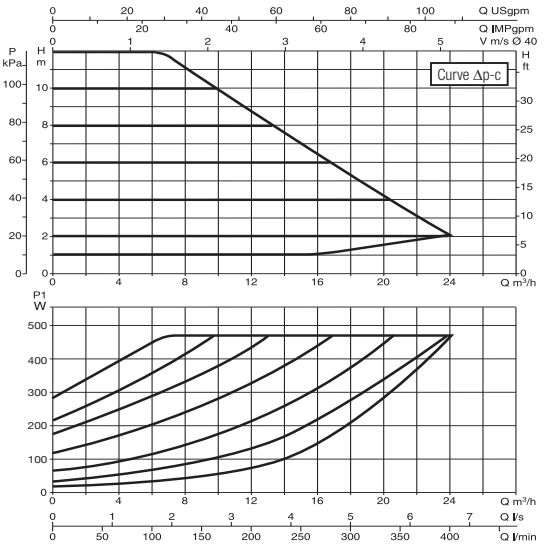
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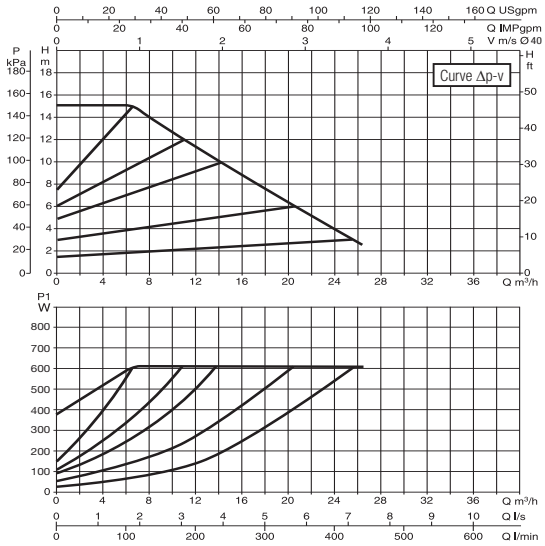


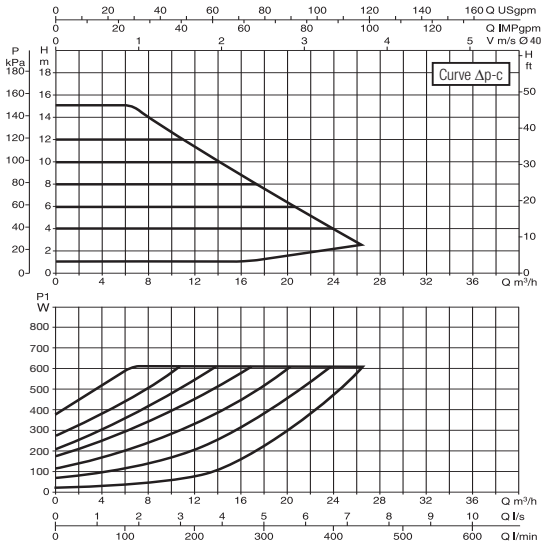
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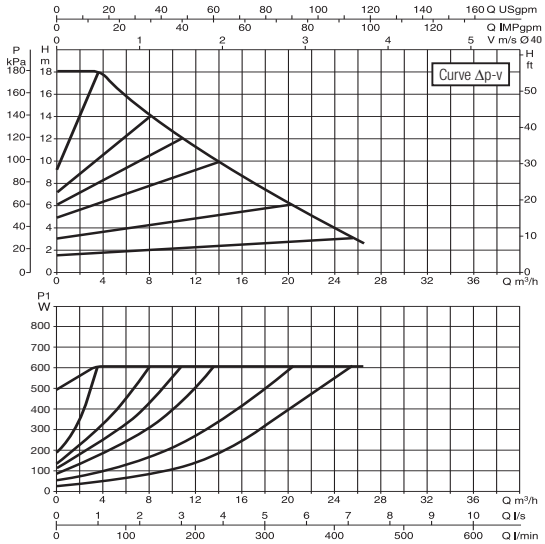


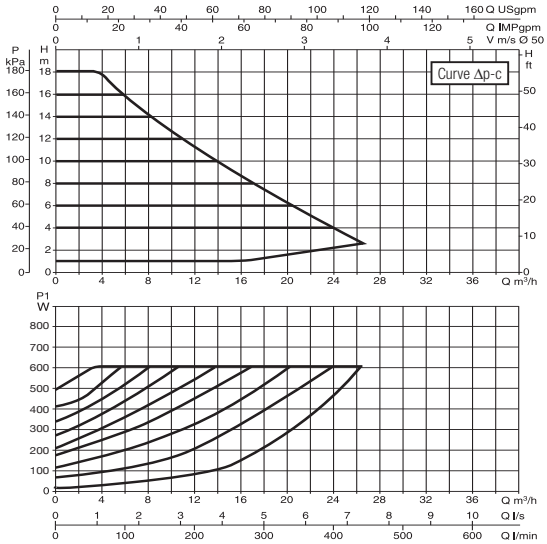
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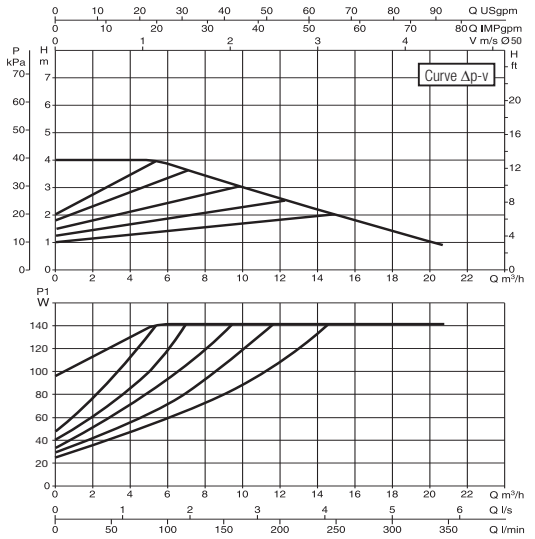


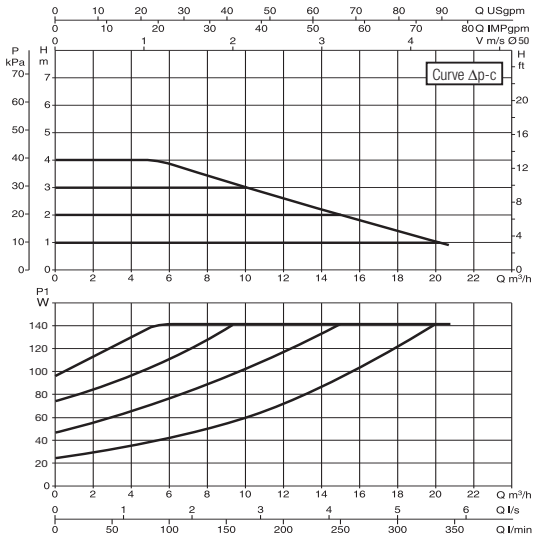
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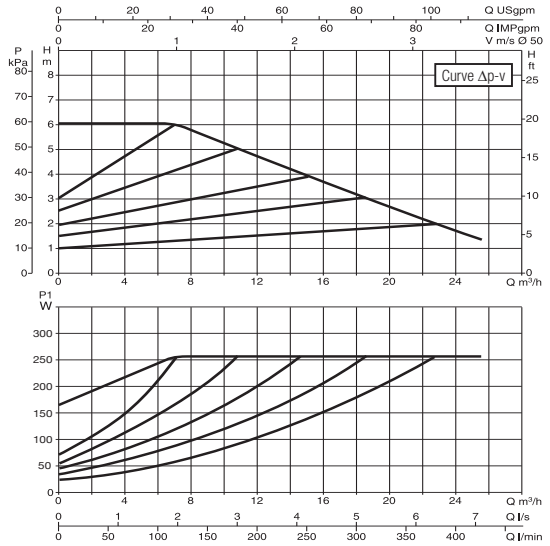
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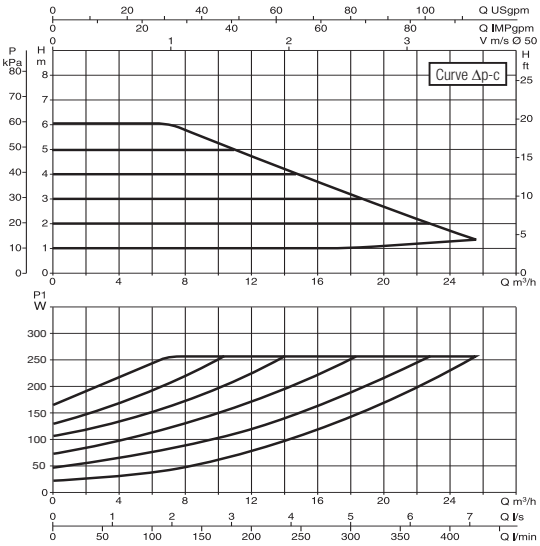




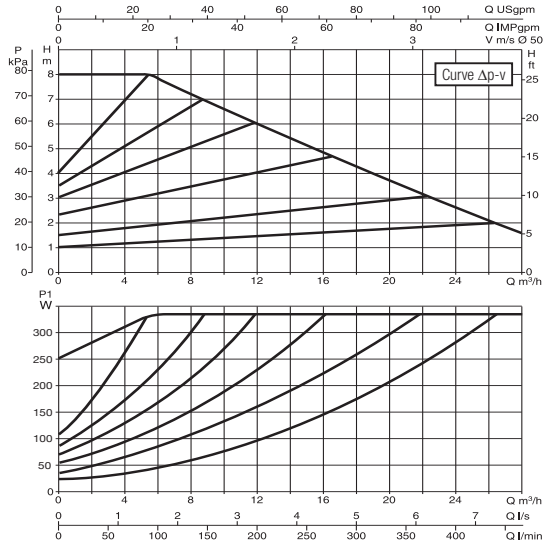
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WET ROTOR ELECTRONIC CIRCULATORS

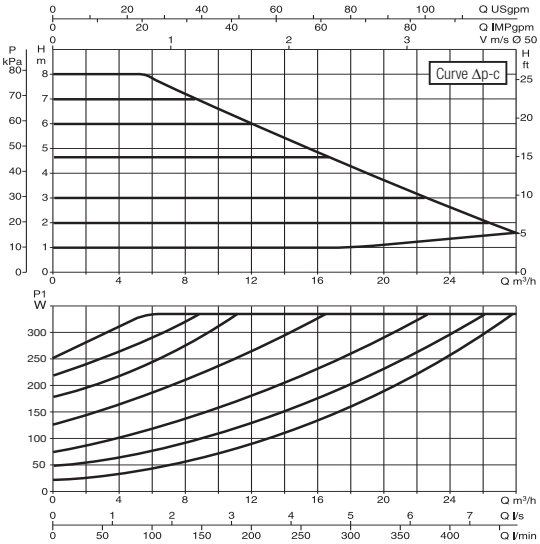
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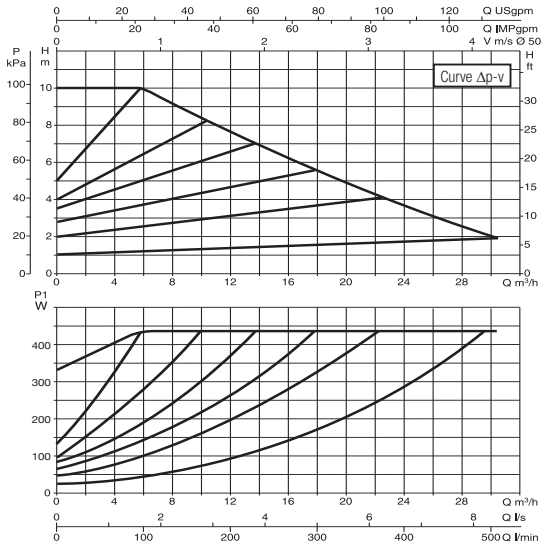


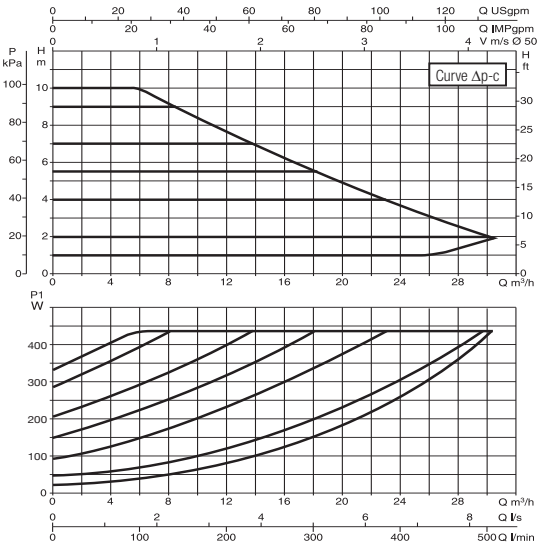
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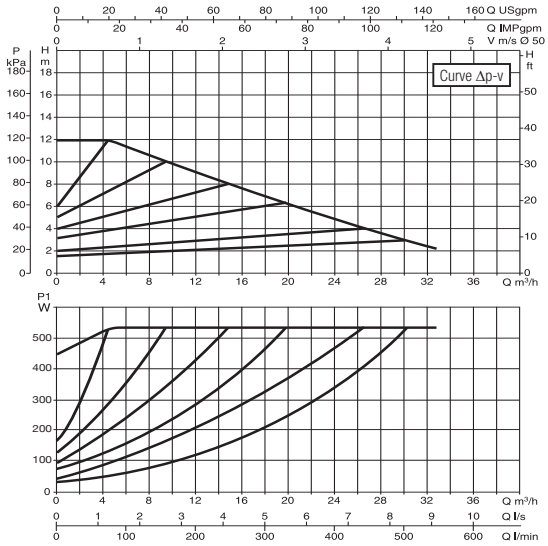


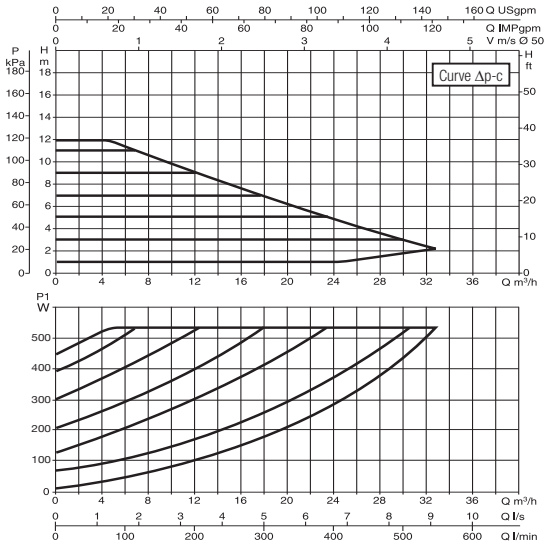
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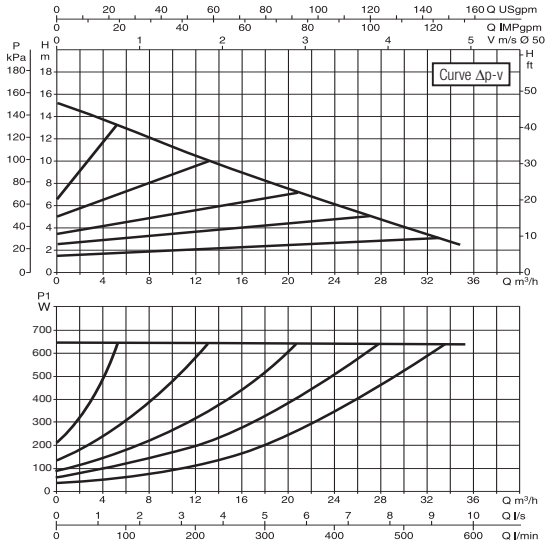


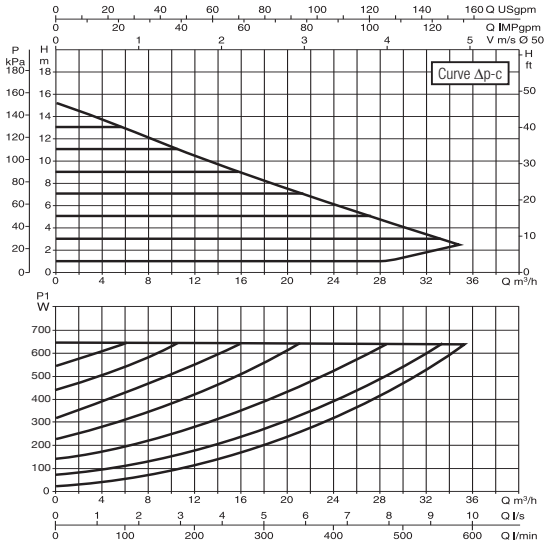
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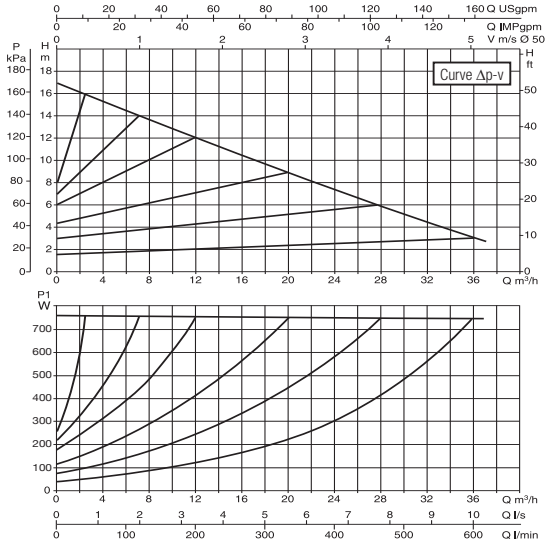


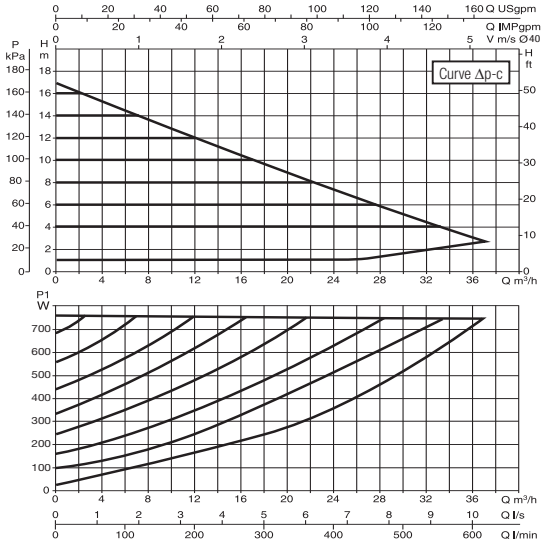
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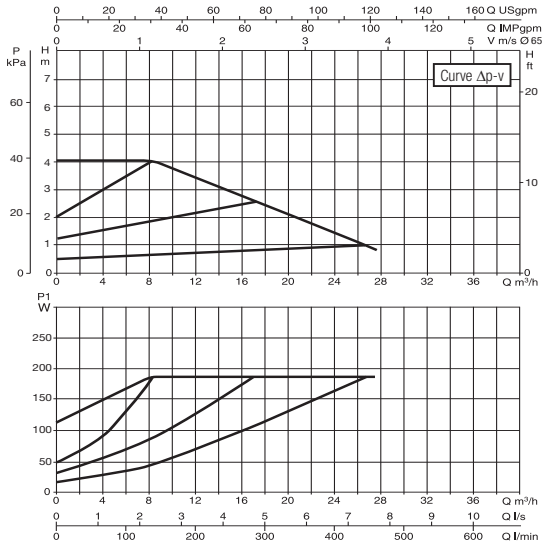
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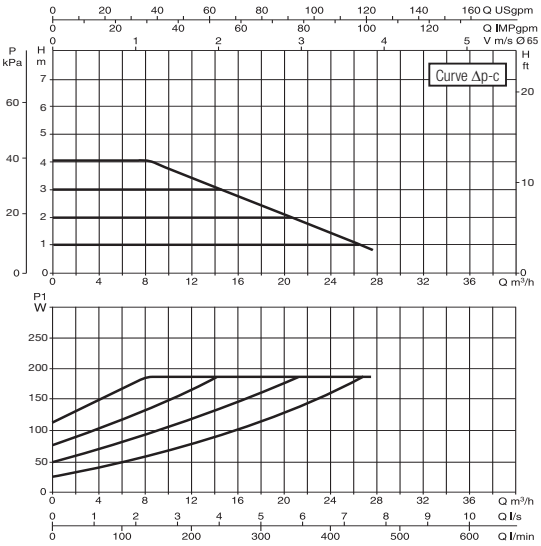




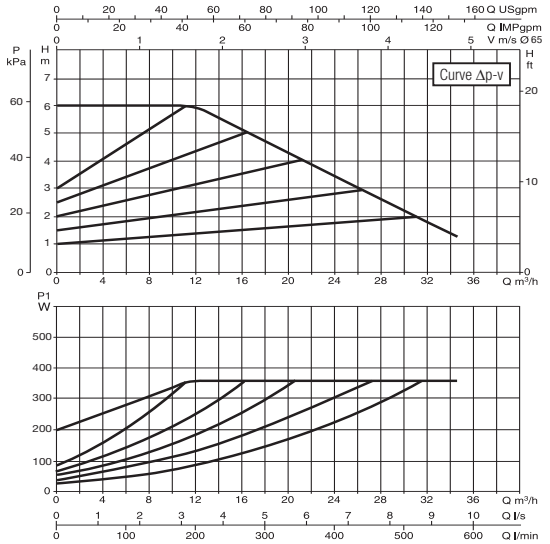
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WET ROTOR ELECTRONIC CIRCULATORS

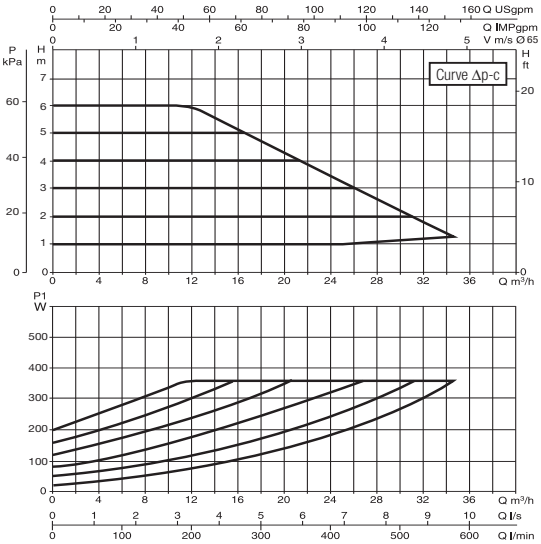
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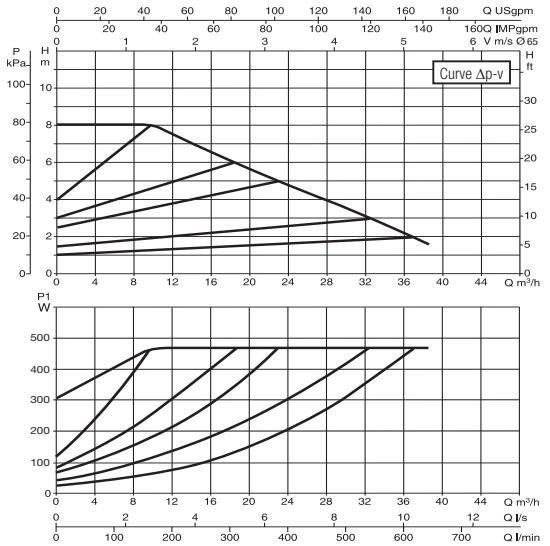


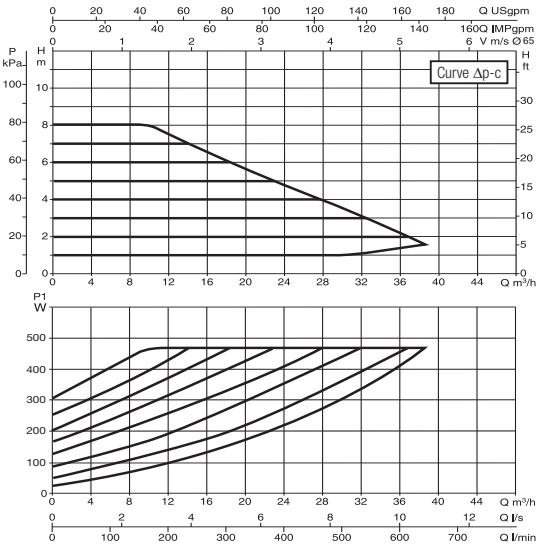
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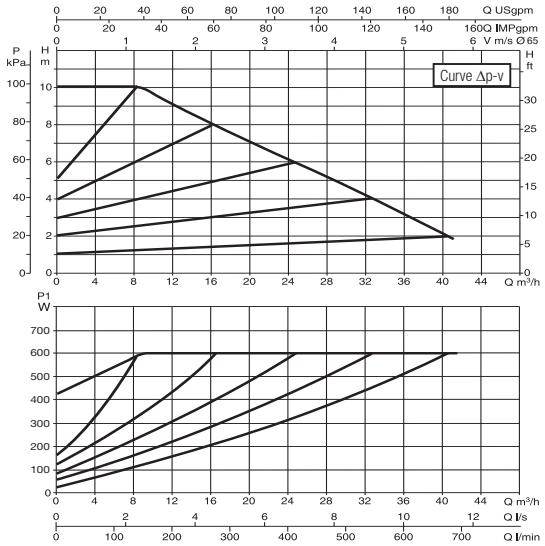


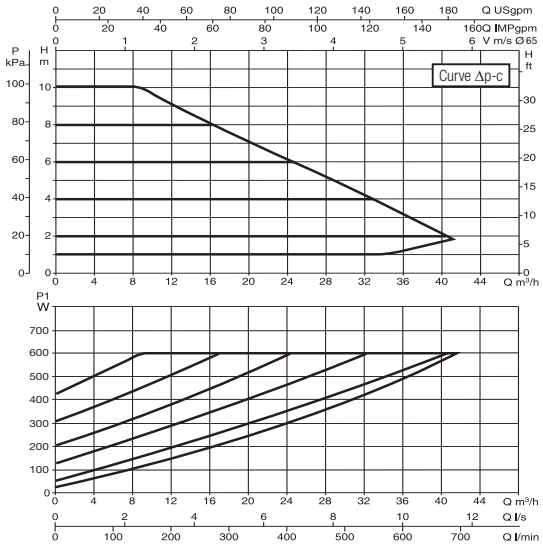
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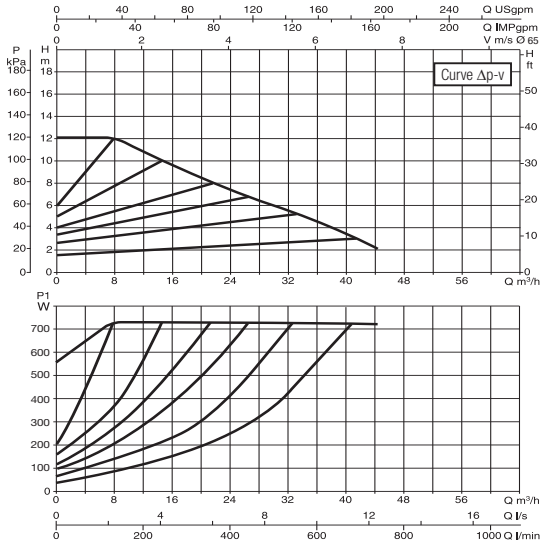


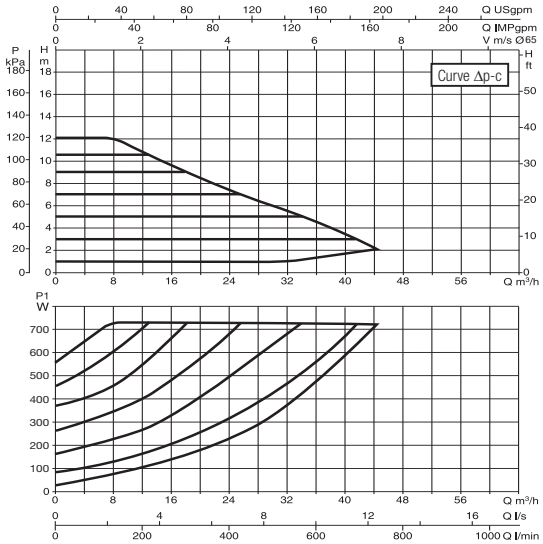
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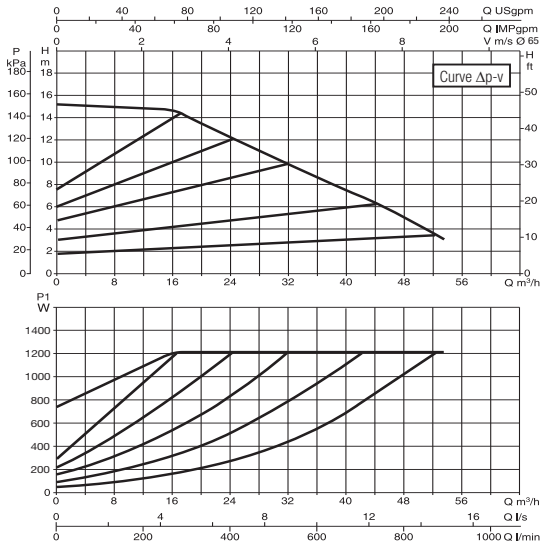


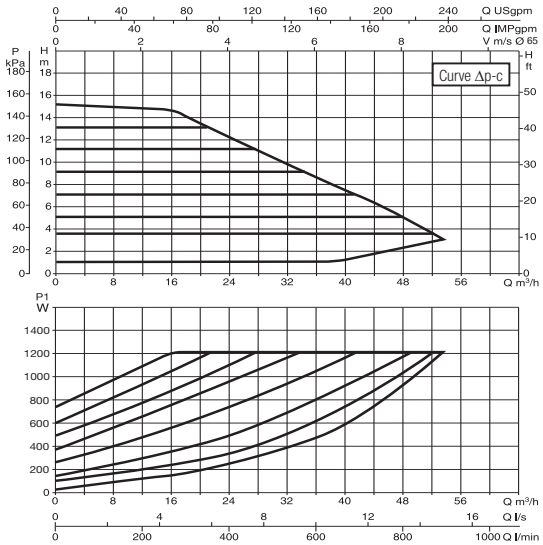
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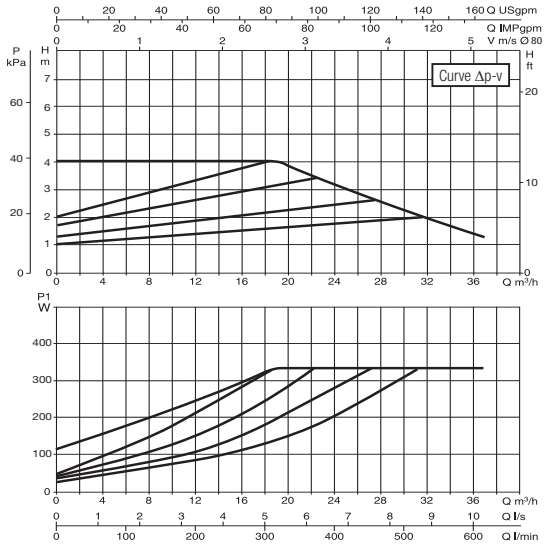
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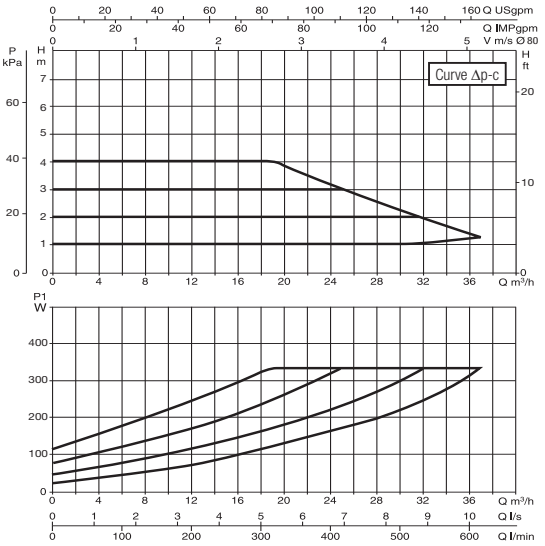




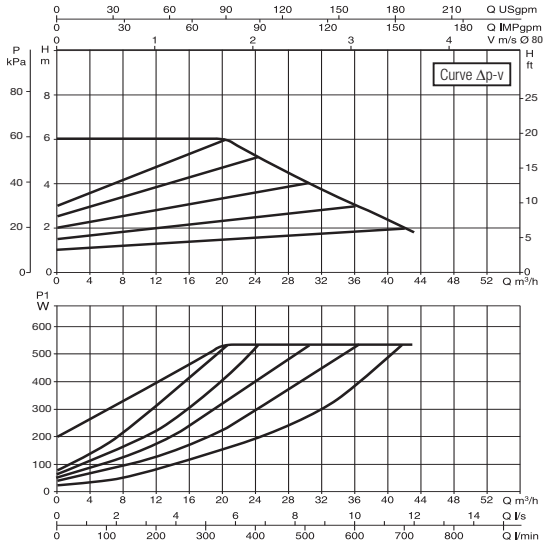
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WET ROTOR ELECTRONIC CIRCULATORS

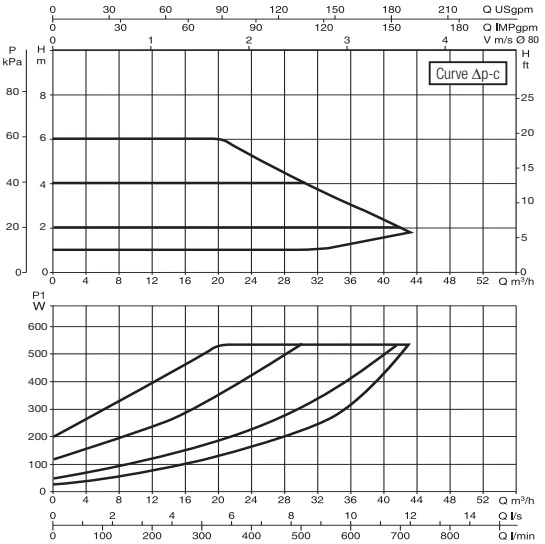
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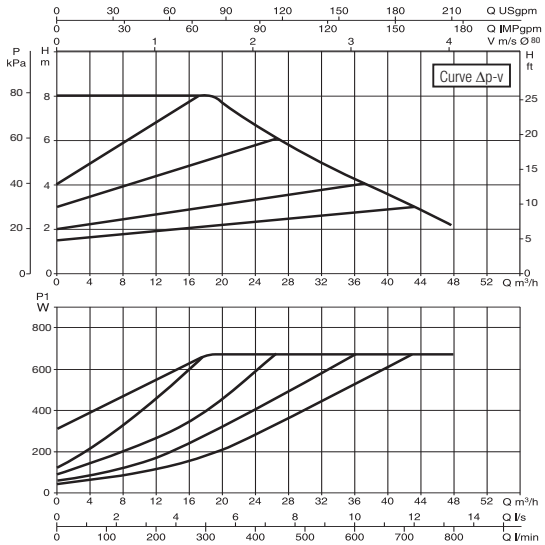


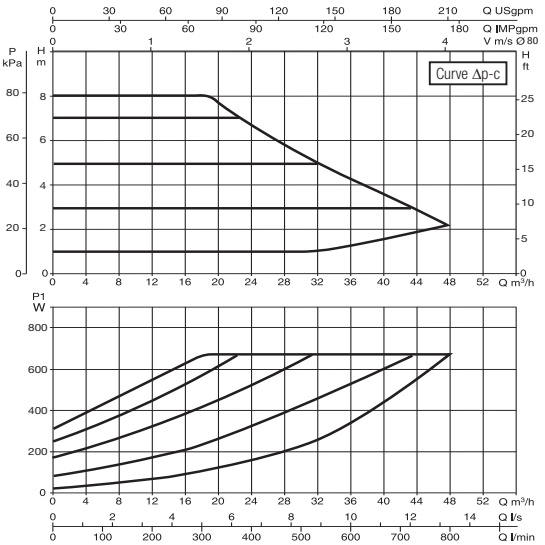
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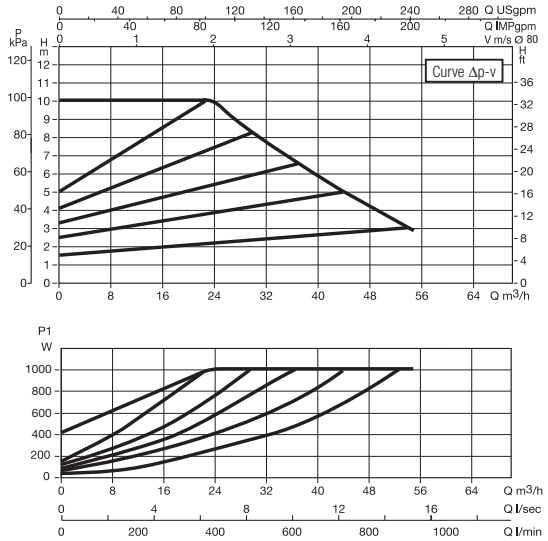


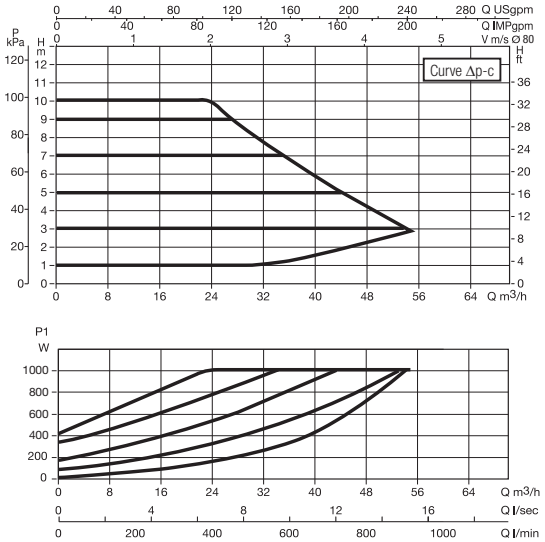
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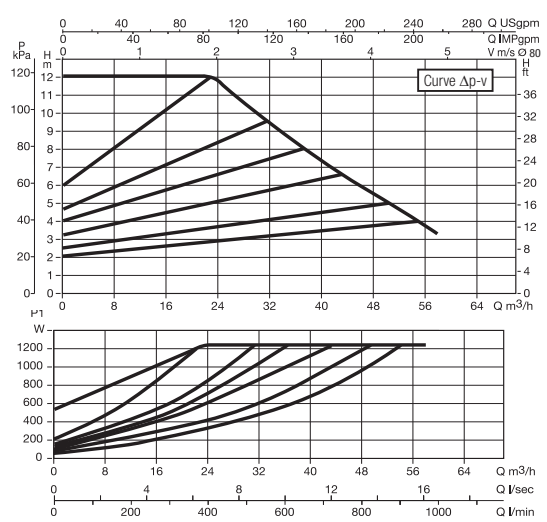


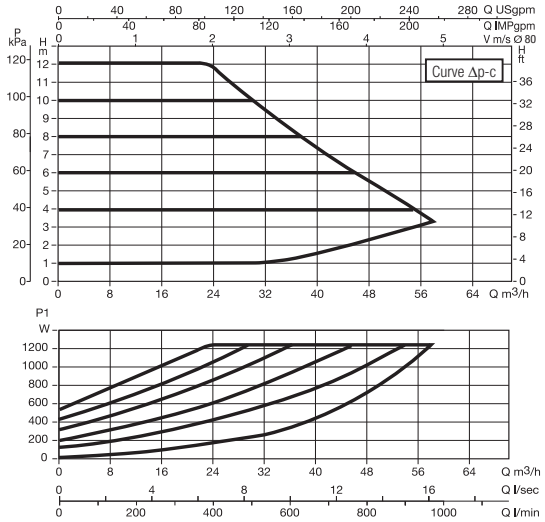
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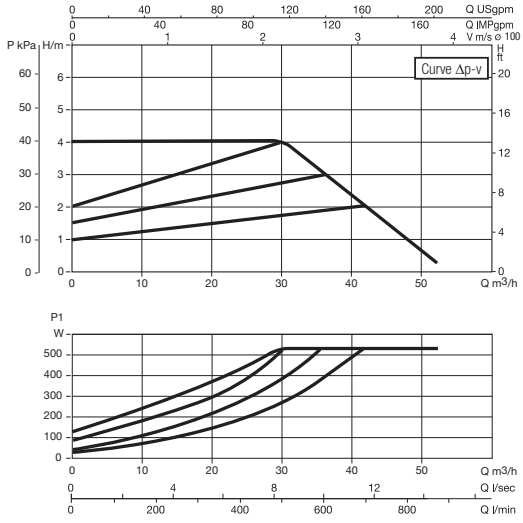


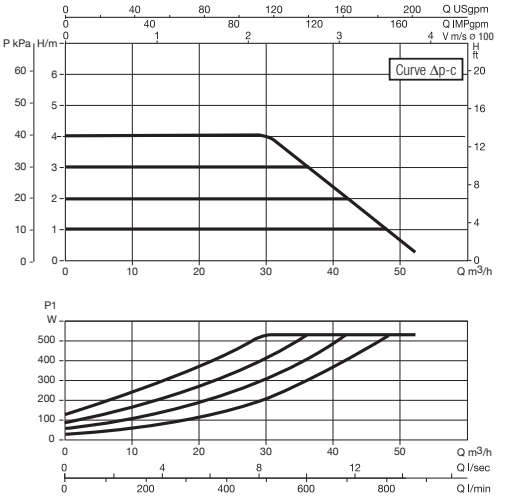
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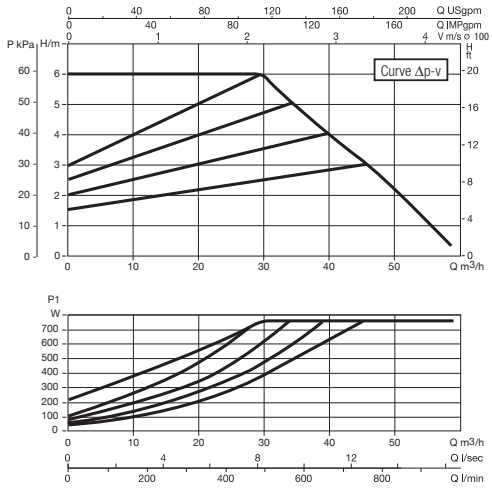
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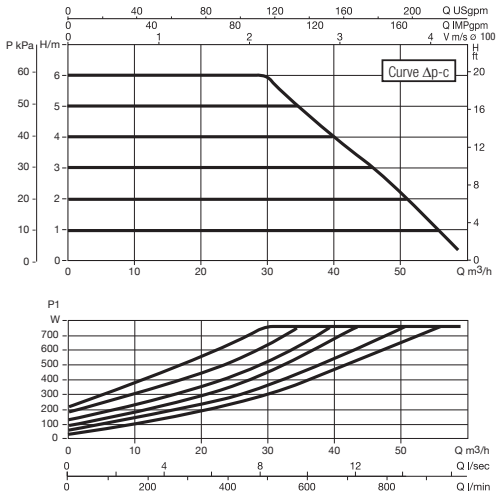




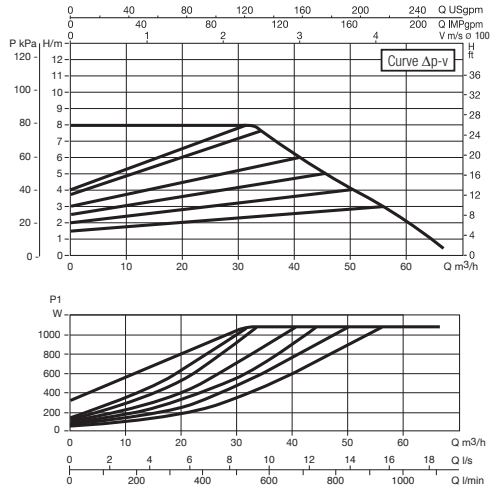
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WET ROTOR ELECTRONIC CIRCULATORS

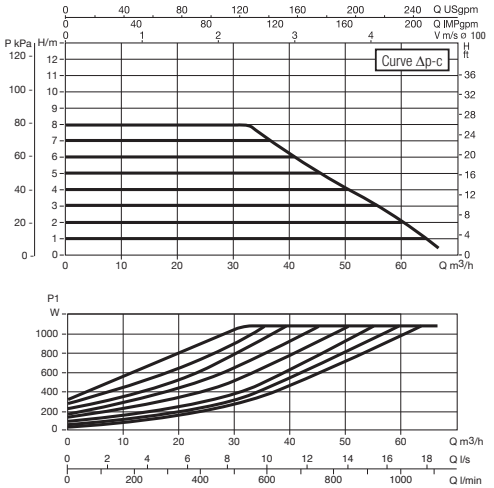
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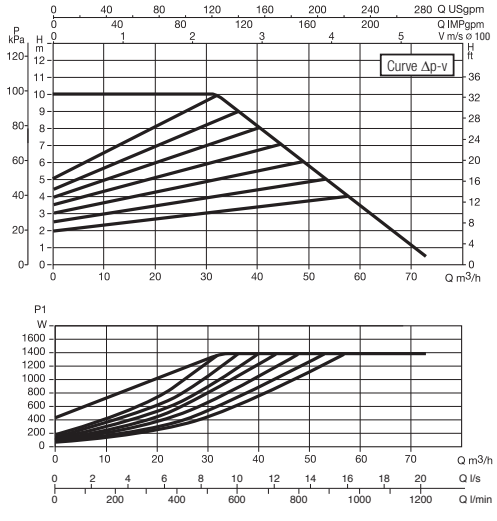


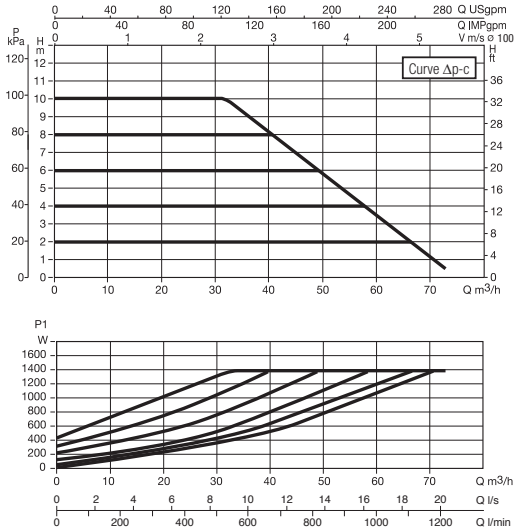
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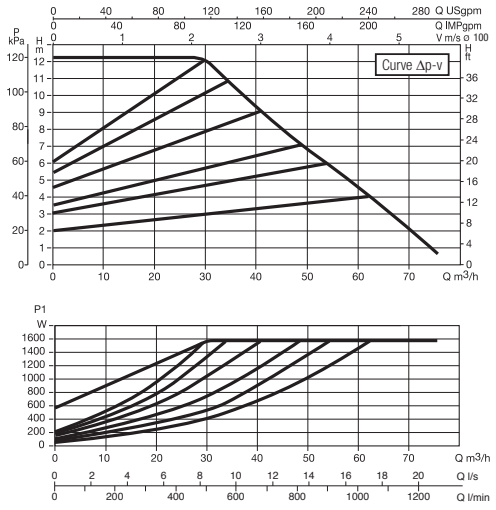


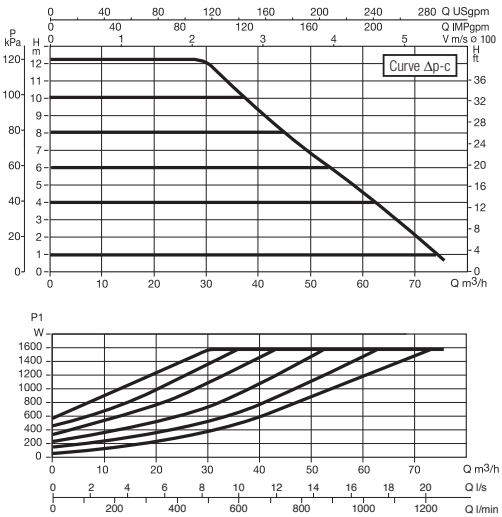
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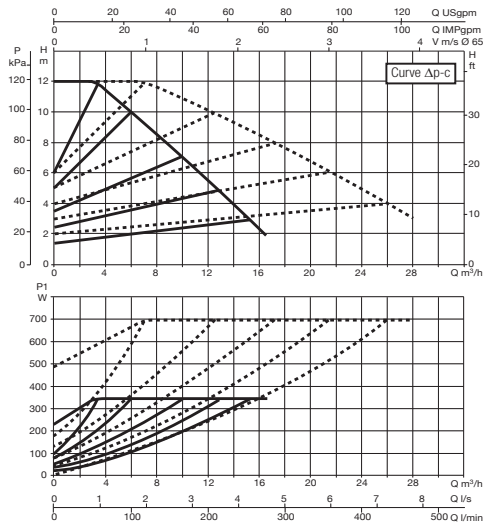


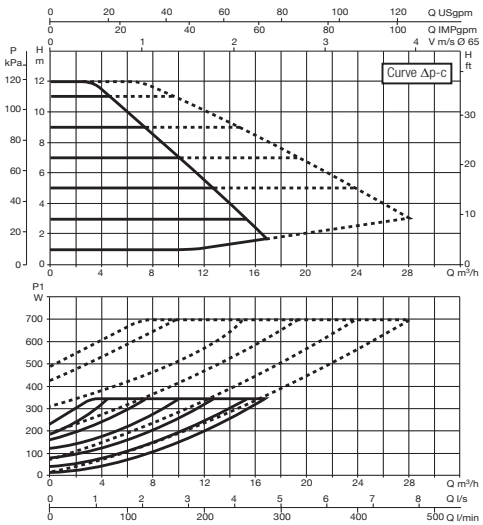
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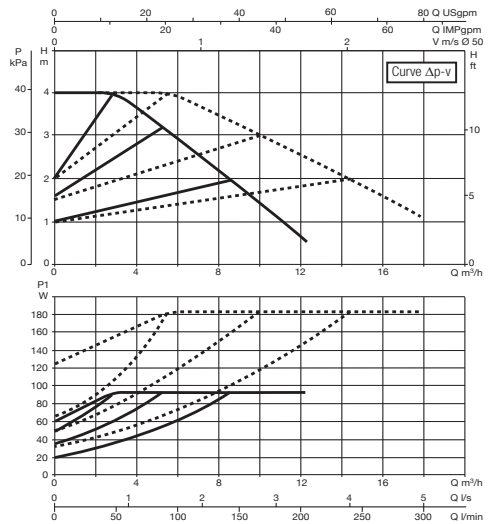


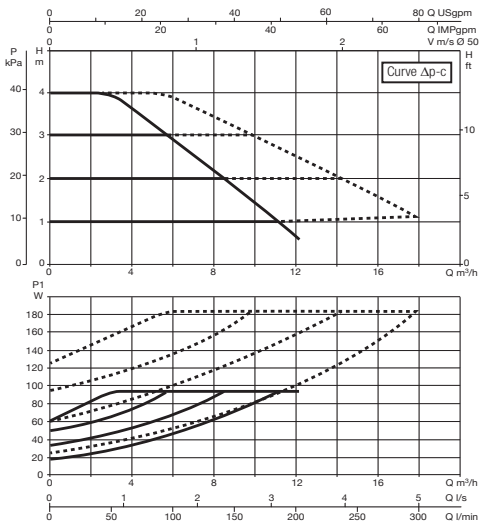
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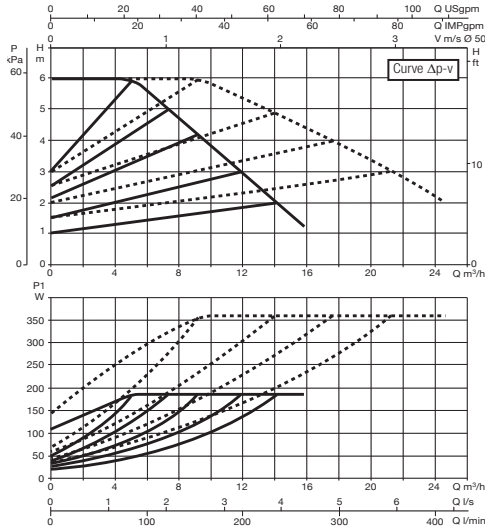
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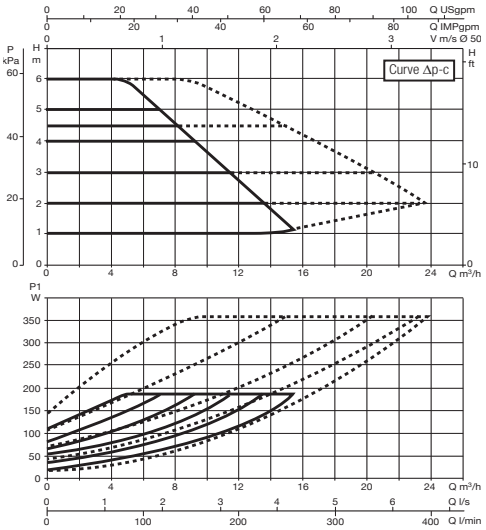




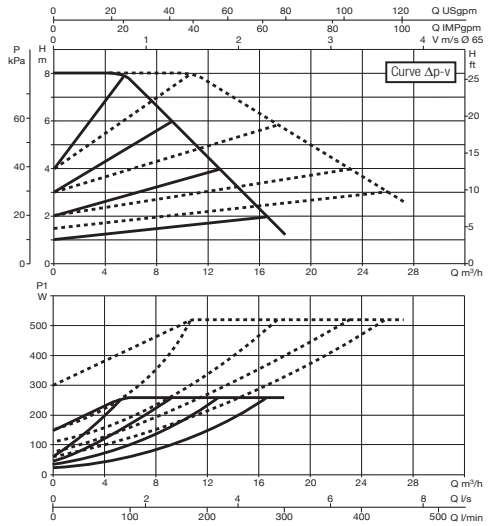
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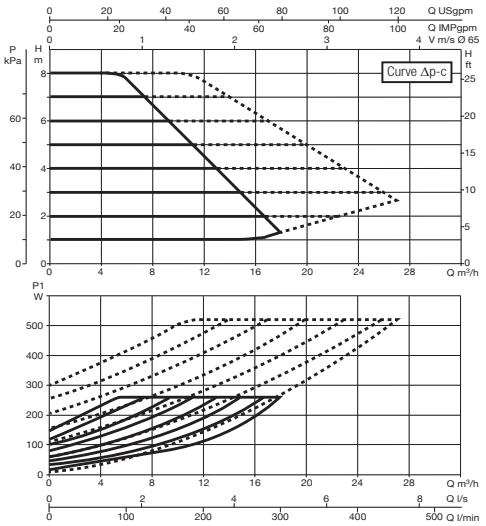
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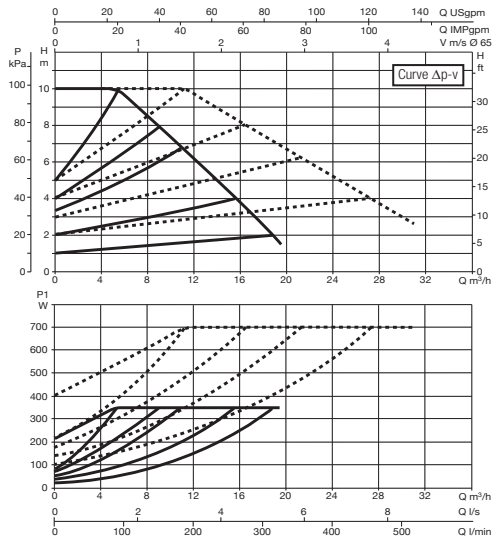


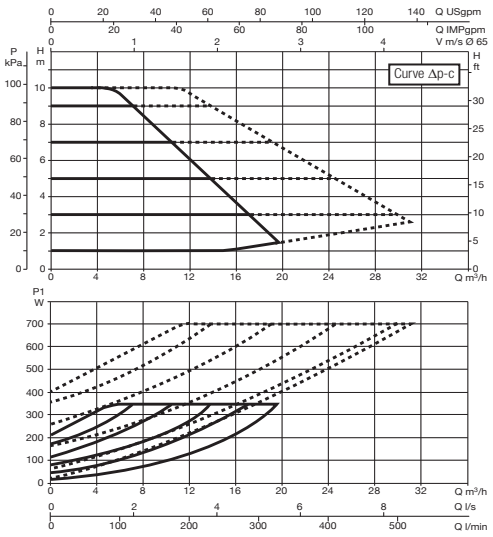
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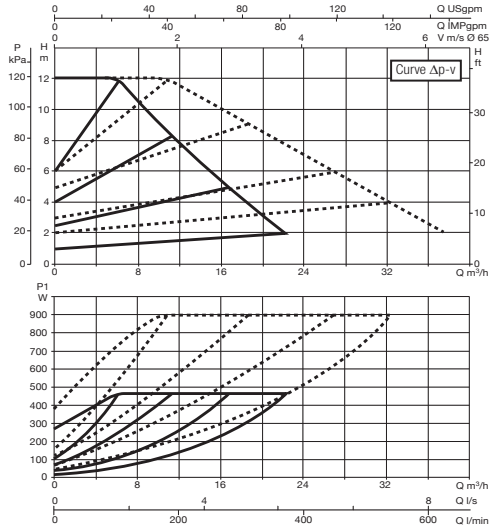


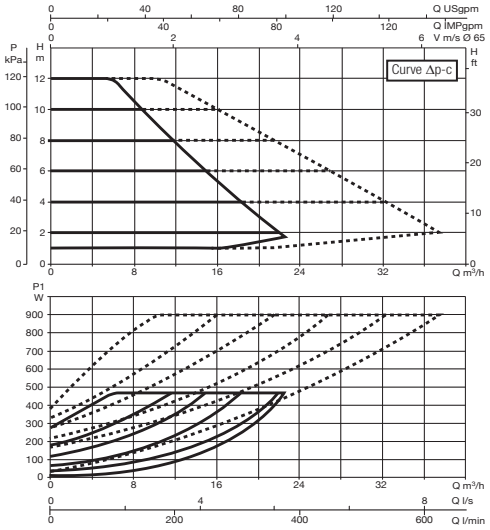
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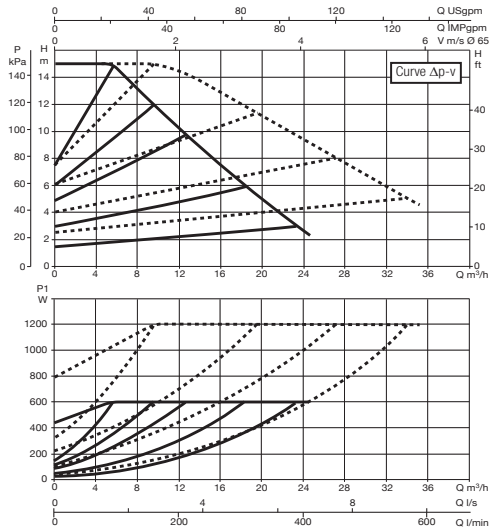


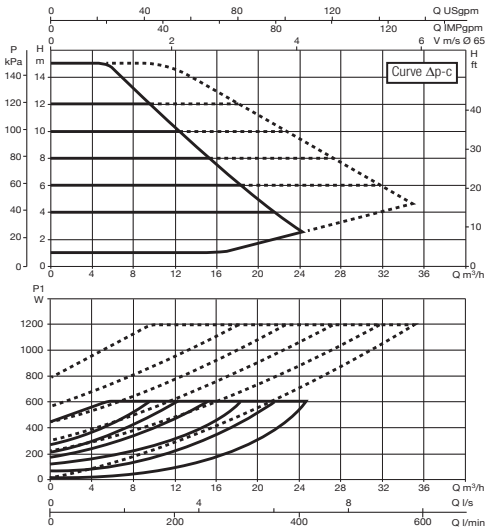
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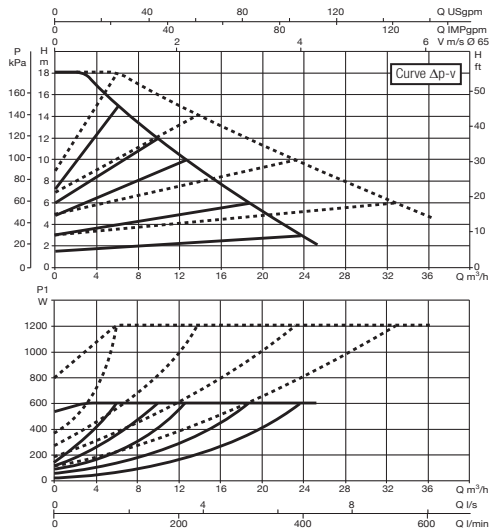


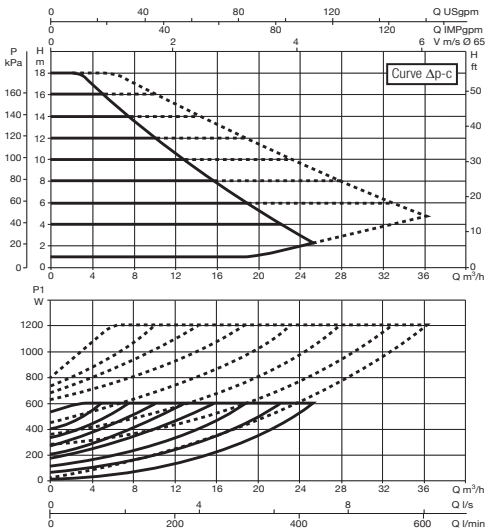
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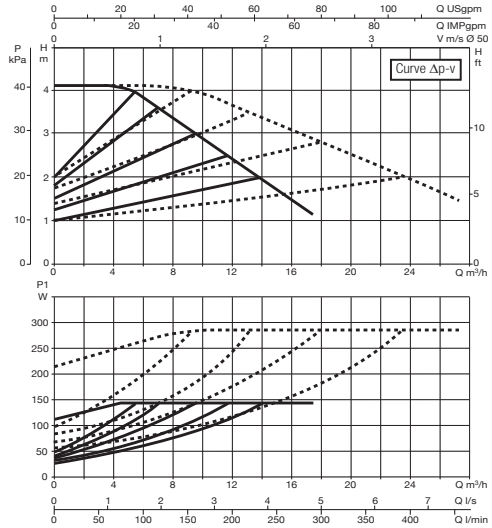
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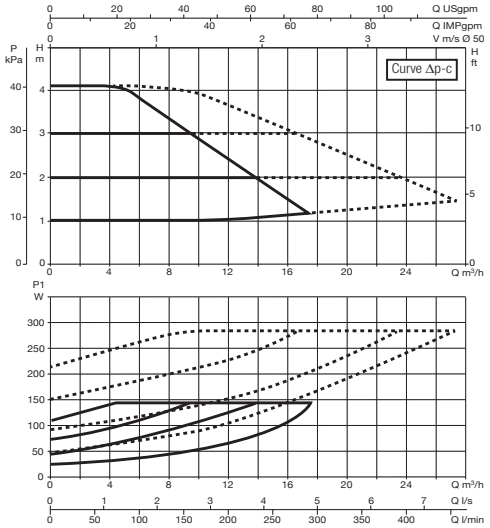




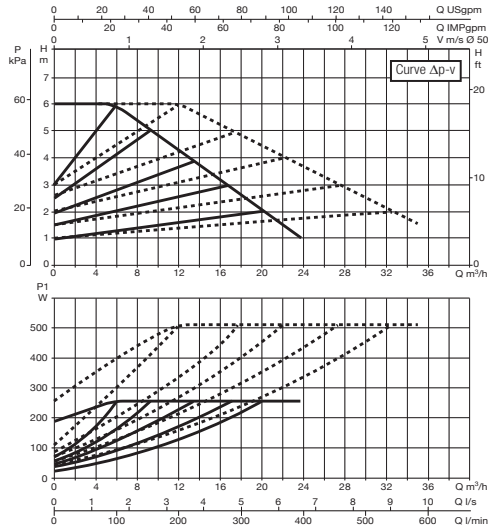
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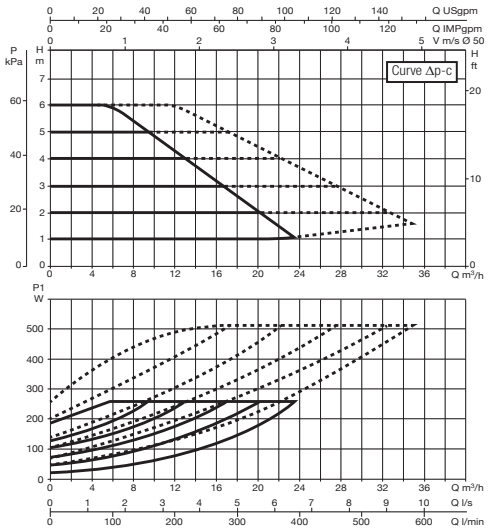
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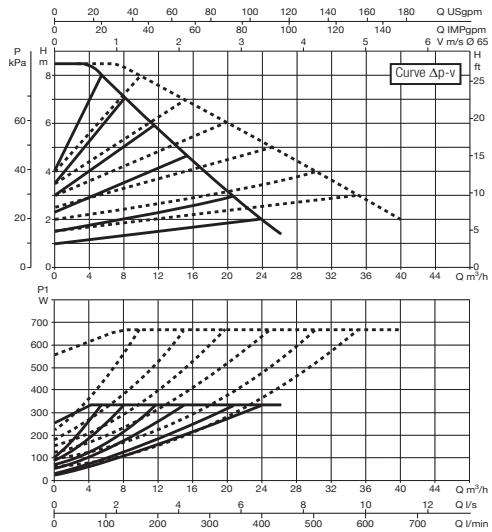


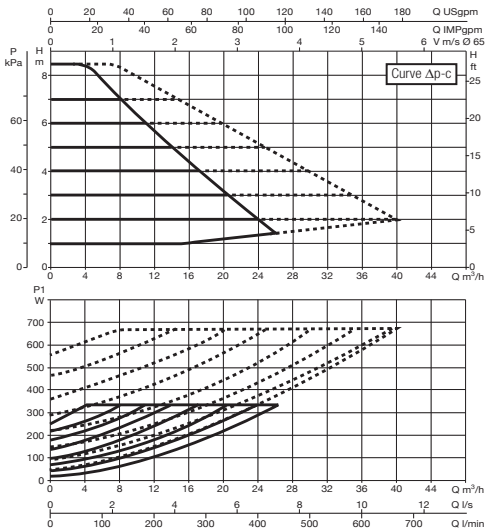
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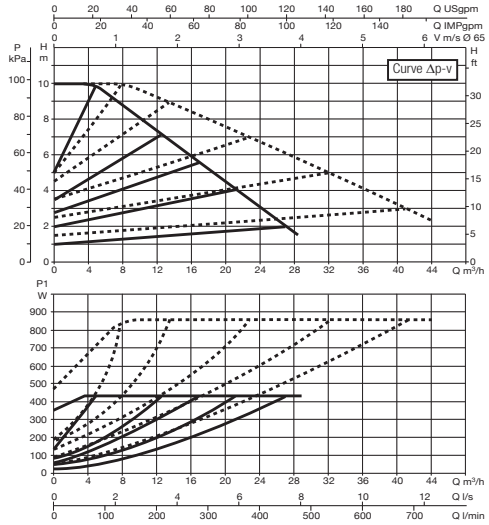


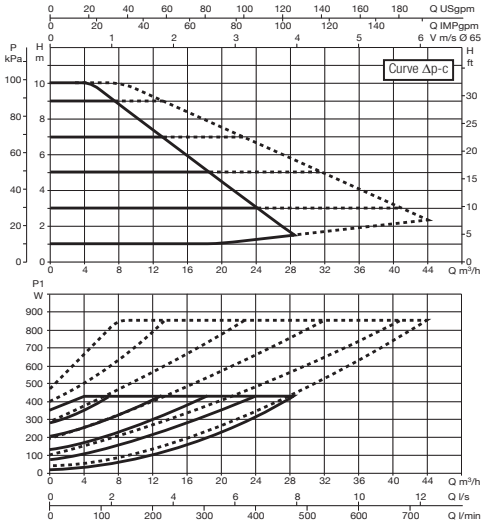
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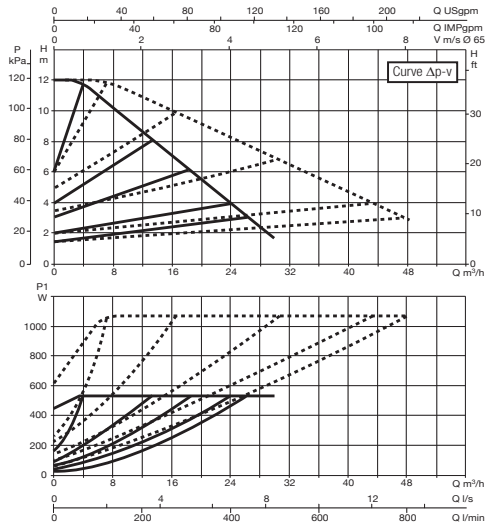


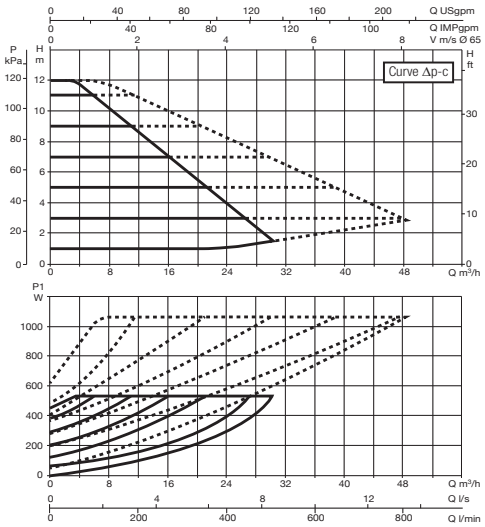
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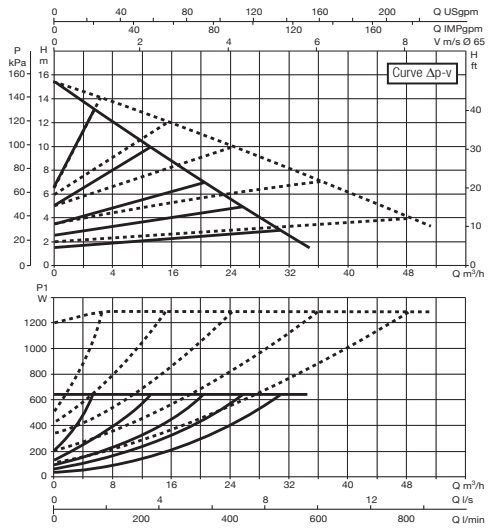


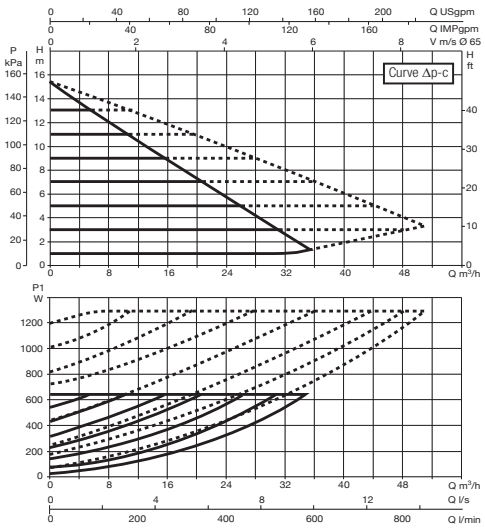
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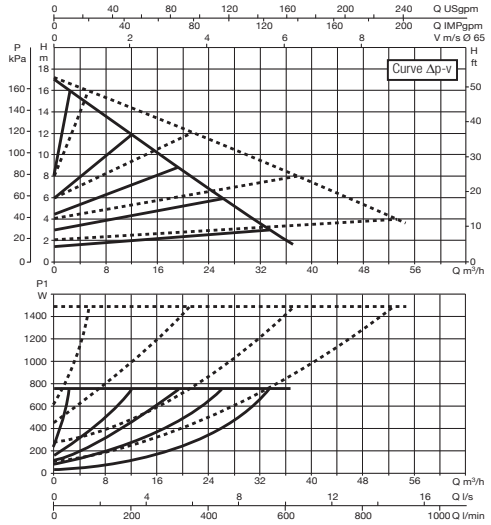
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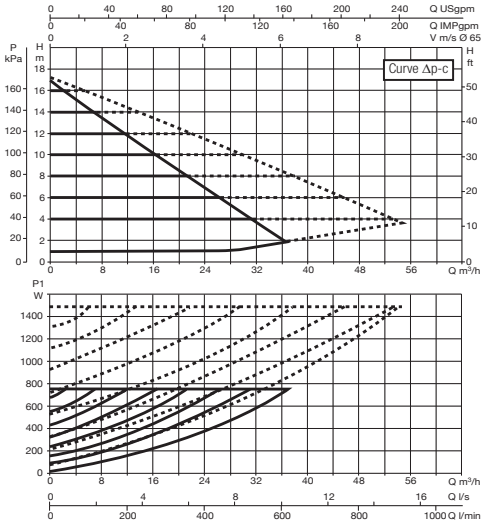




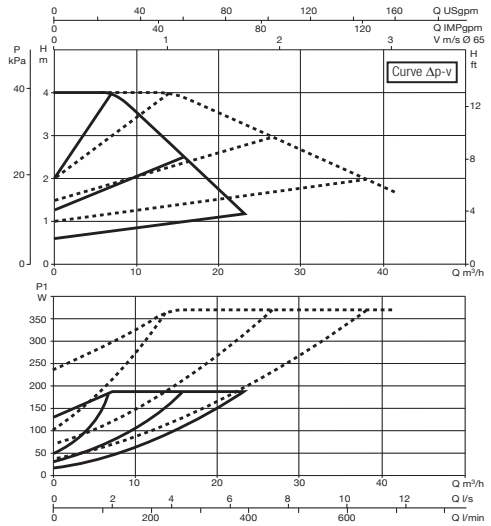
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WET ROTOR ELECTRONIC CIRCULATORS

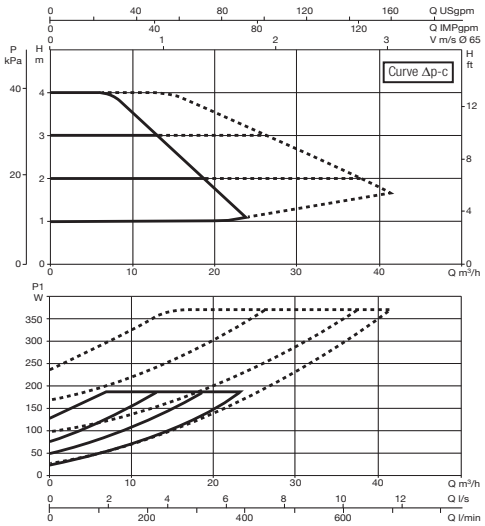
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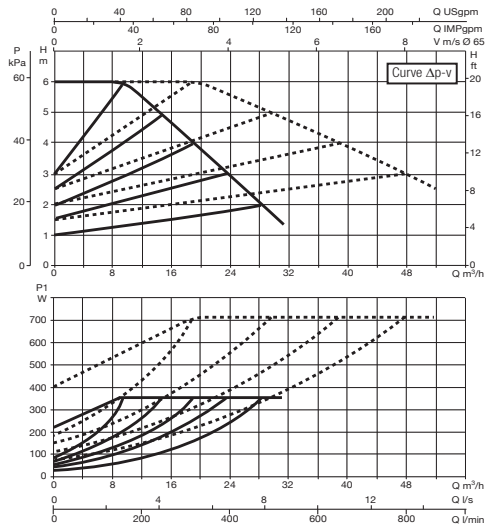


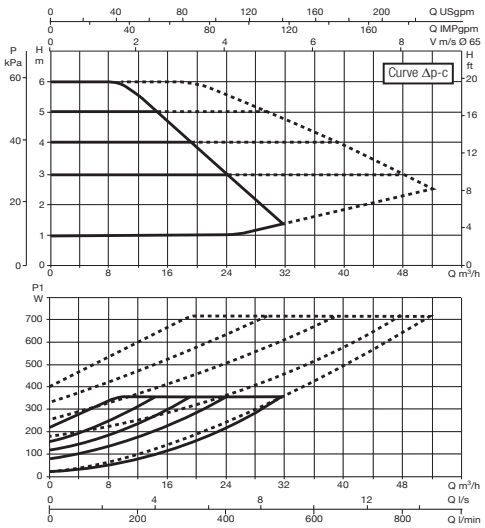
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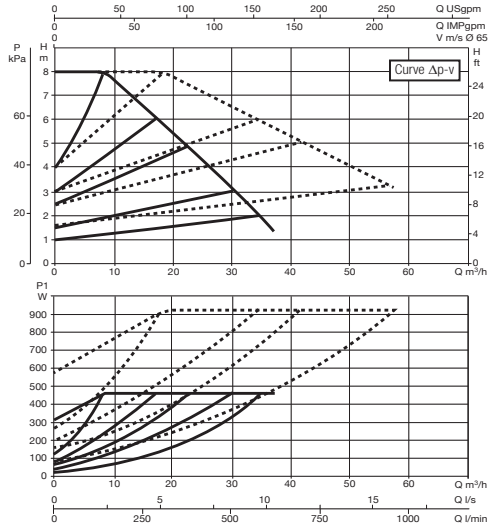


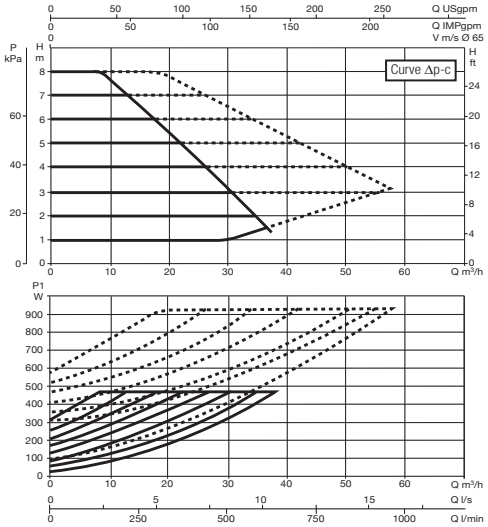
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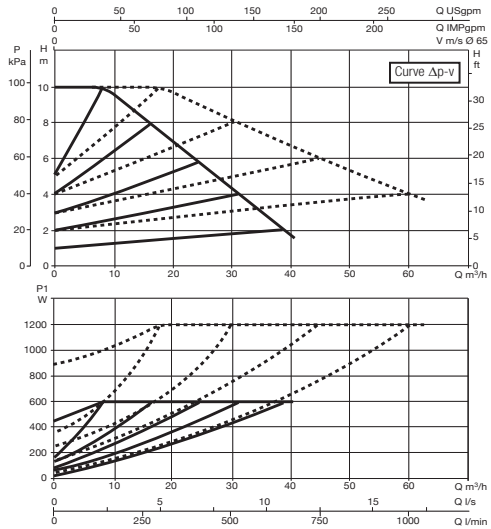


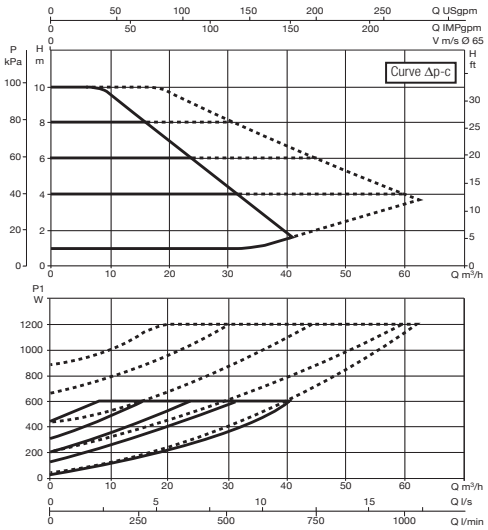
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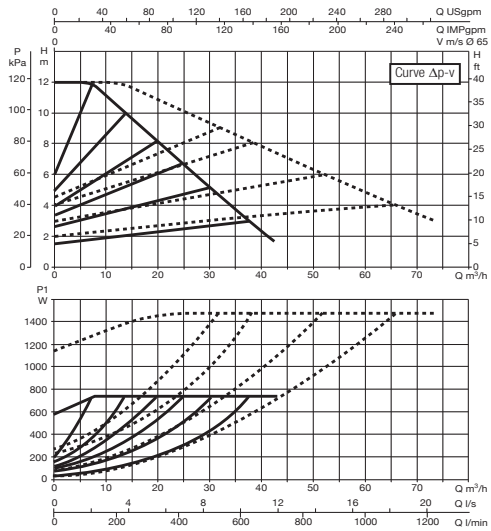


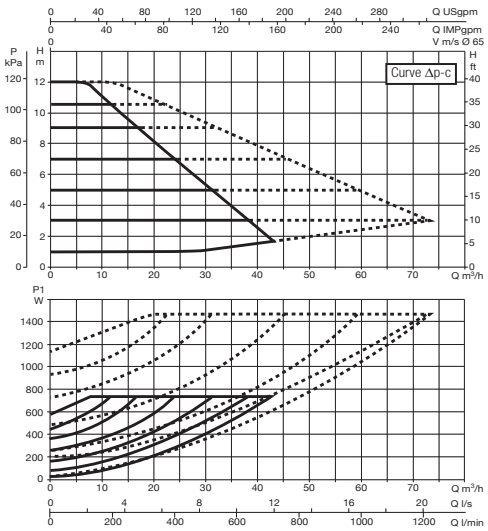
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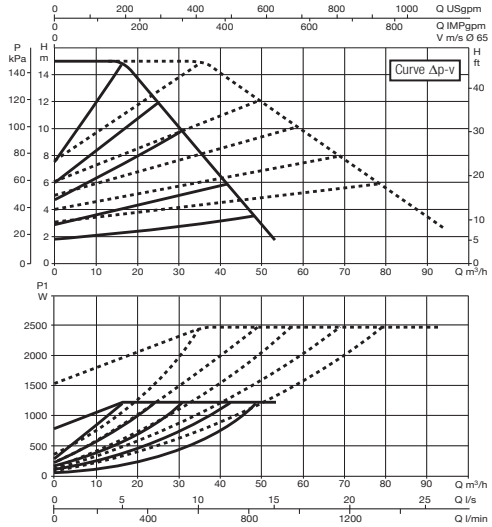


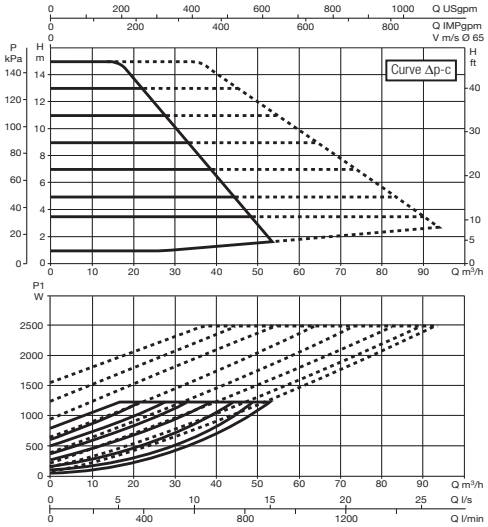


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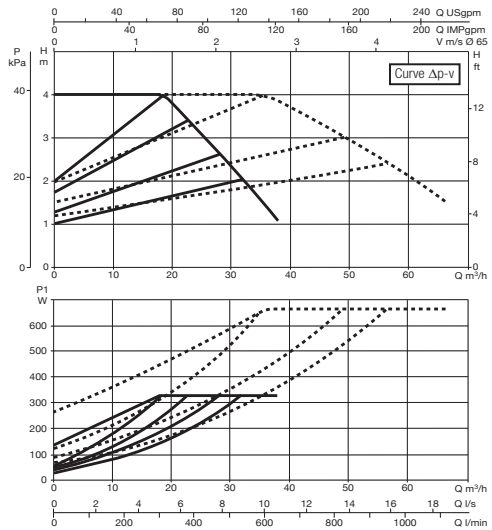
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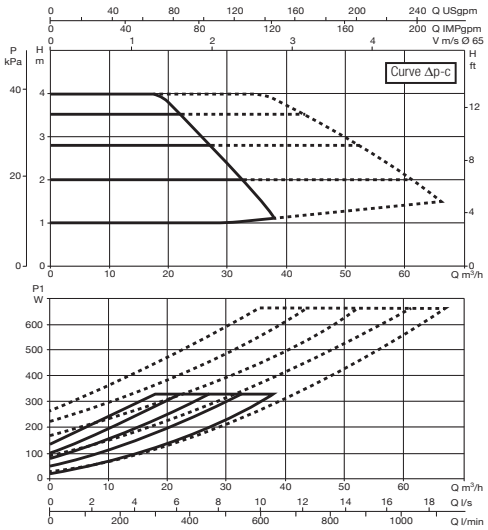
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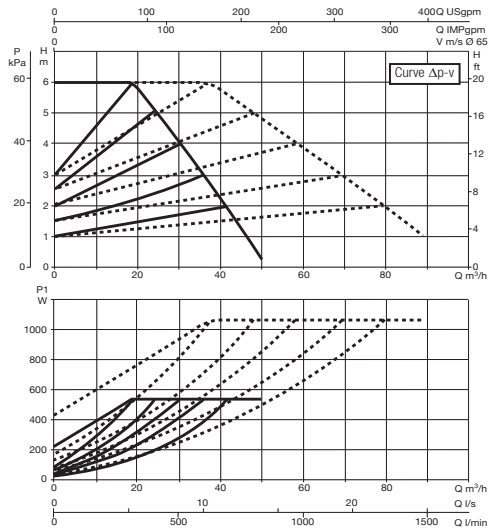


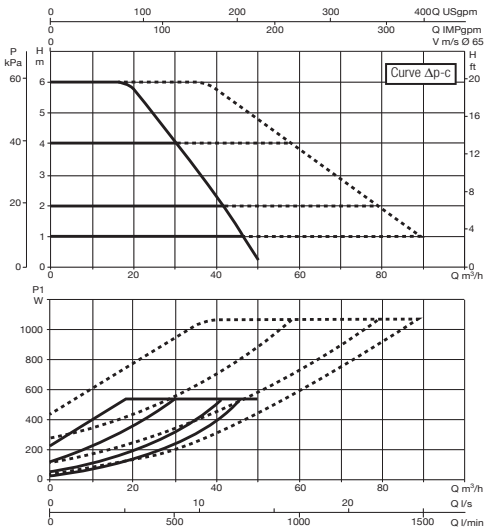
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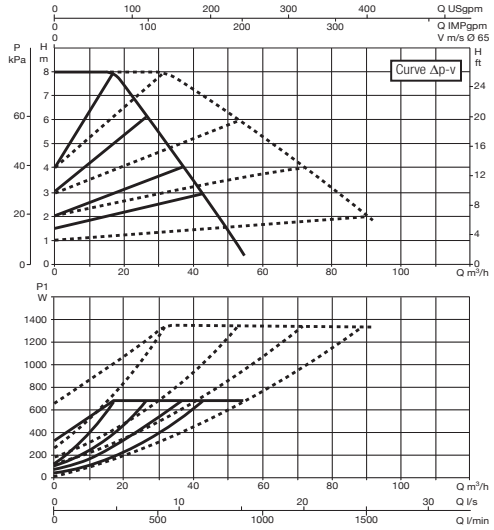


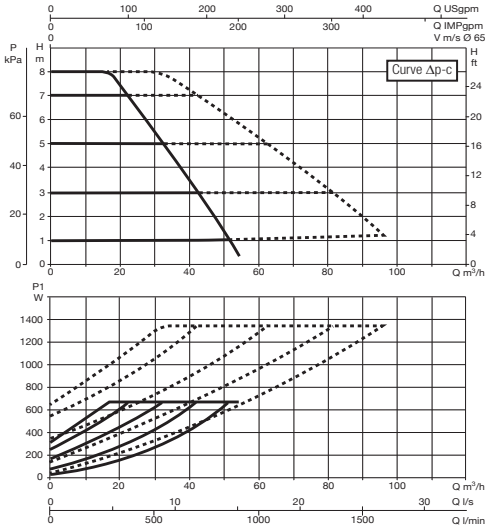
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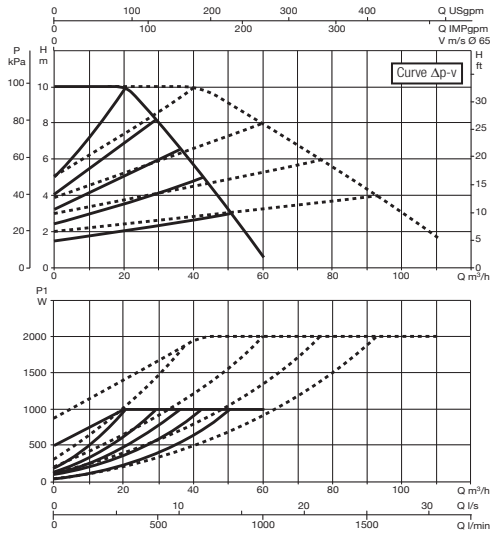


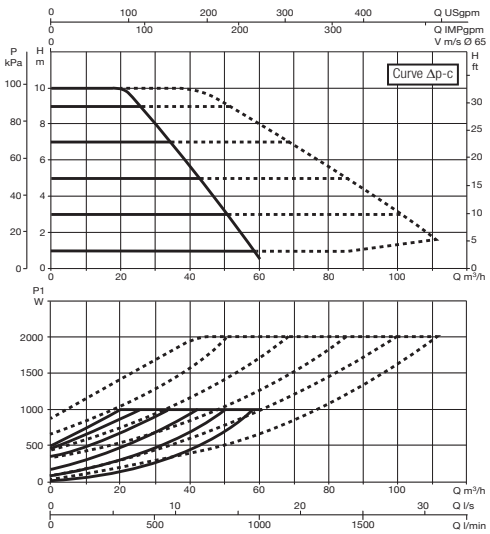
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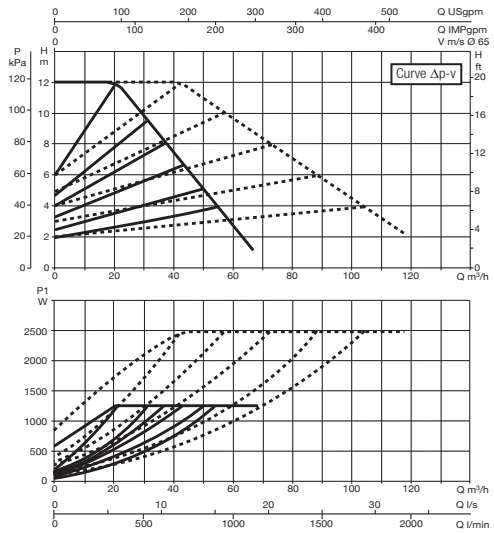


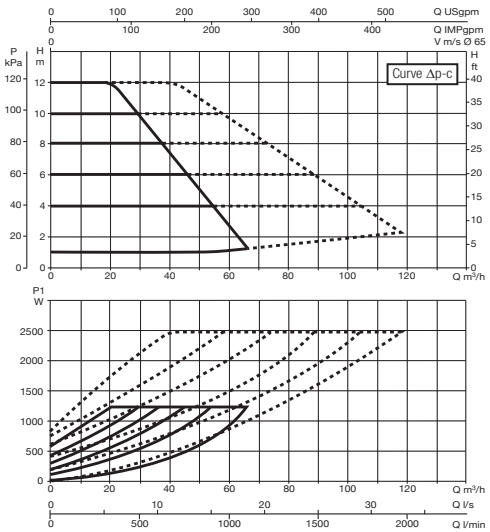
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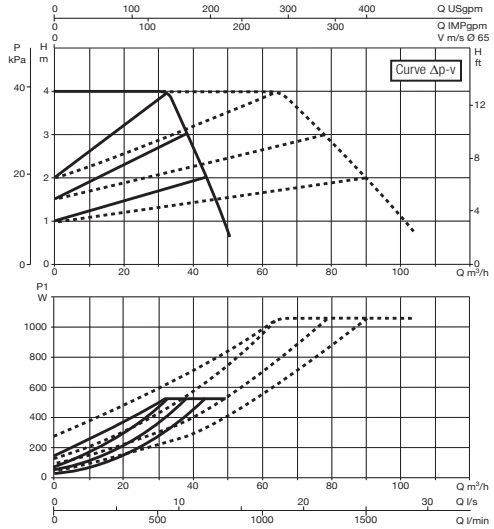
EVOPLUS D 120/360.80 M

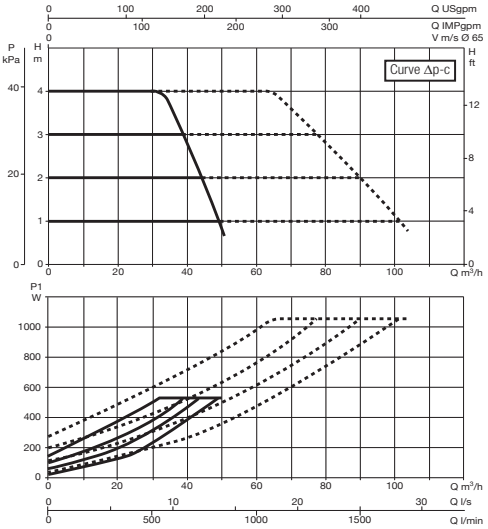




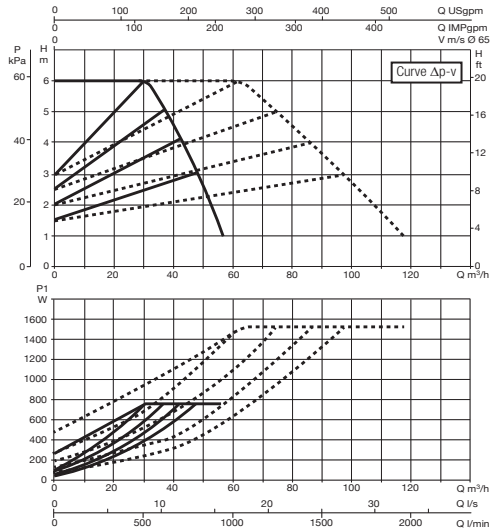
EVOPLUS
WET ROTOR ELECTRONIC CIRCULATORS

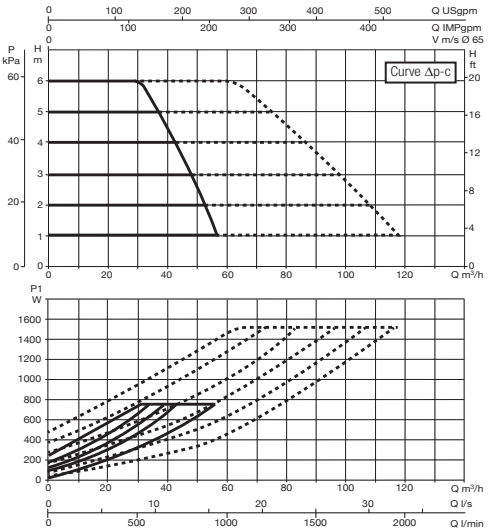
EVOPLUS D 40/450.100 M



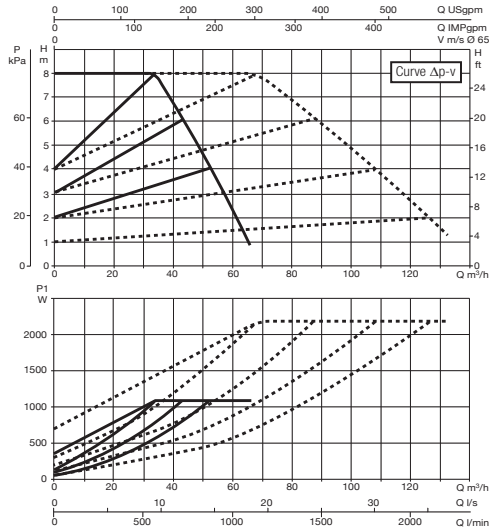


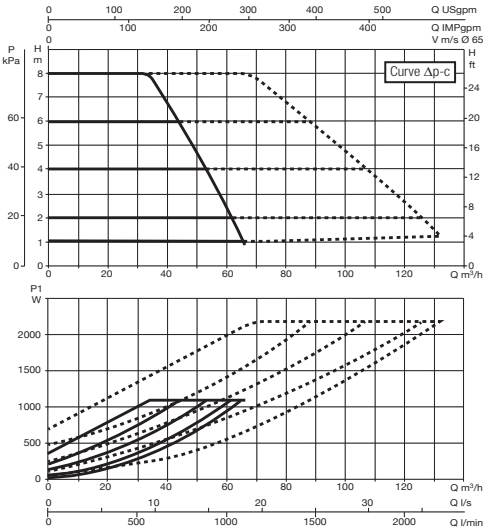
EVOPLUS D 60/450.100 M



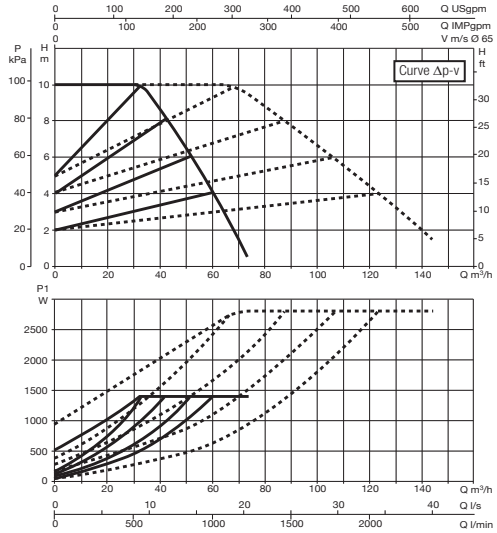


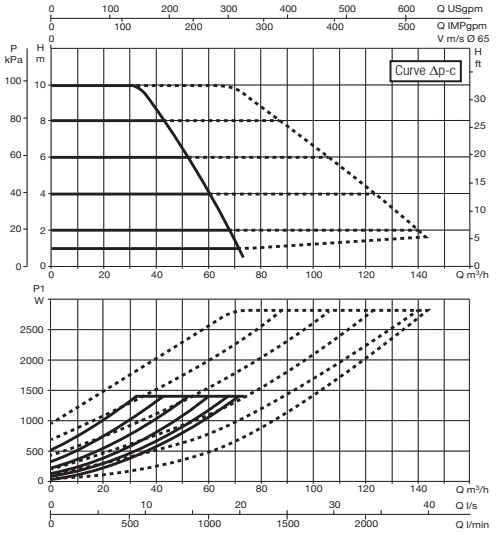
EVOPLUS D 80/450.100 M



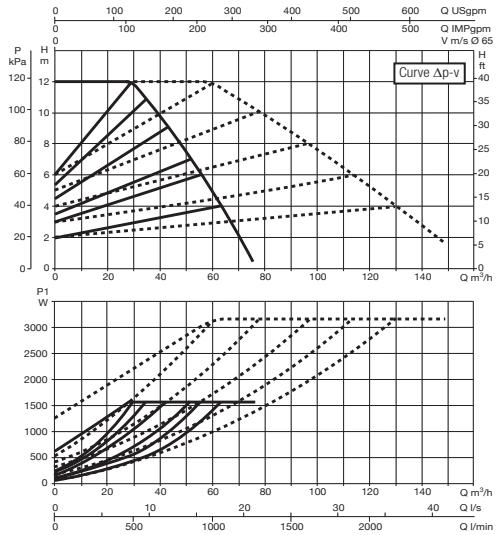


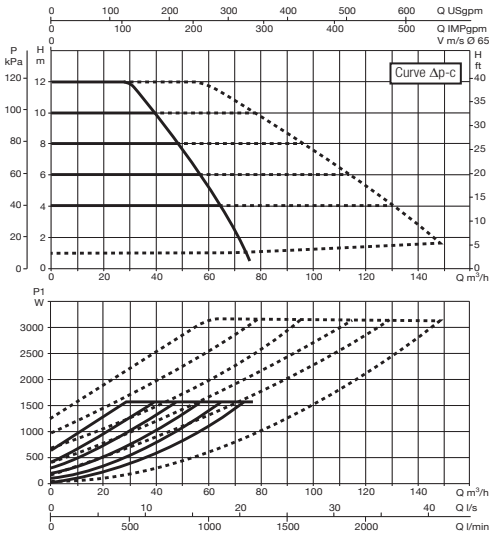
EVOPLUS D 100/450.100 M





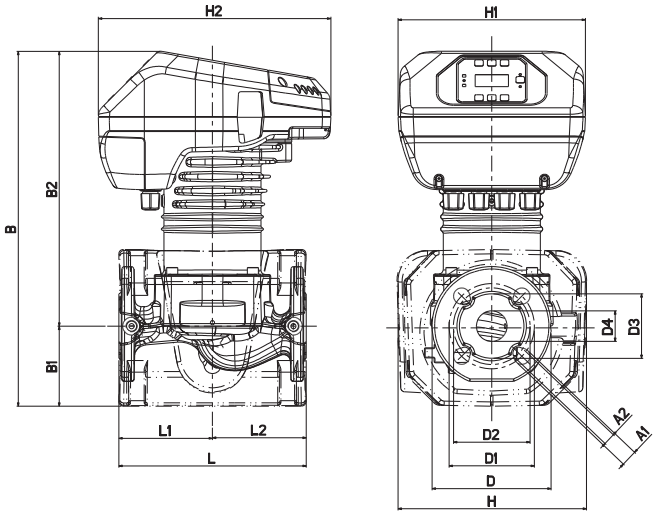
EVOPLUS D 120/450.100 M





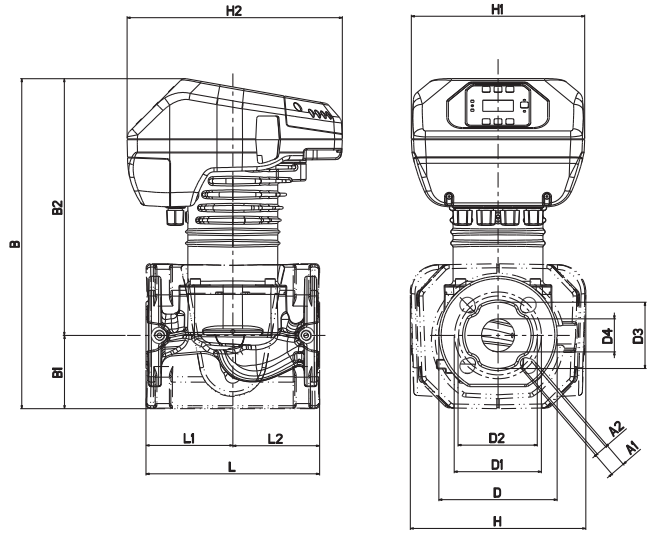
DIMENSIONS AND WEIGHT

EVOPLUS B 120/220.32



MODEL	L	L1	L2	A1	A2	B	B1	B2	D	D1	D2	D3	D4	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS B 120/220.32 M	220	110	110	19	14	417	94	323	140	100	90	76	36	222	220	273	24	8

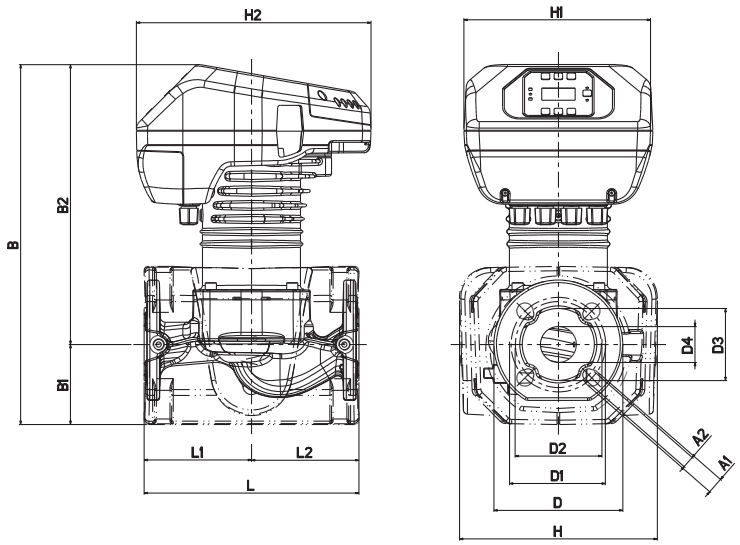
EVOPLUS B .../220.40 M



MODEL	L	L1	L2	A1	A2	B	B1	B2	D	D1	D2	D3	D4	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS B 40/220.40 M	220	110	110	19	14	419	93	326	150	110	100	84	42	222	220	273	20,8	8
EVOPLUS B 60/220.40 M	220	110	110	19	14	419	93	326	150	110	100	84	42	222	220	273	20,8	8
EVOPLUS B 80/220.40 M	220	110	110	19	14	419	93	326	150	110	100	84	42	222	220	273	20,8	8
EVOPLUS B 100/220.40 M	220	110	110	19	14	419	93	326	150	110	100	84	42	222	220	273	20,8	8

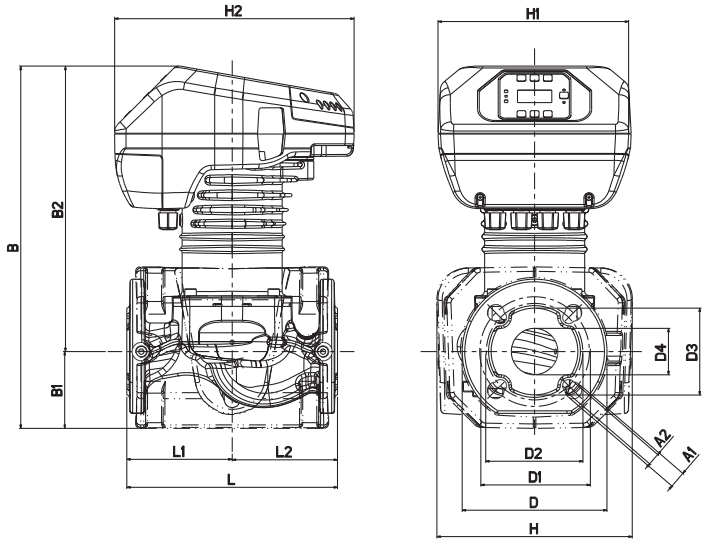
DIMENSIONS AND WEIGHT

EVOPLUS B .../250.40 M



MODEL	L	L1	L2	A1	A2	B	B1	B2	D	D1	D2	D3	D4	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS B 120/250.40 M	250	125	125	19	14	419	93	326	150	110	100	84	42	230	220	273	20	8
EVOPLUS B 150/250.40 M	250	125	125	19	14	419	93	326	150	110	100	84	42	230	220	273	20	8
EVOPLUS B 180/250.40 M	250	125	125	19	14	419	93	326	150	110	100	84	42	230	220	273	20	8

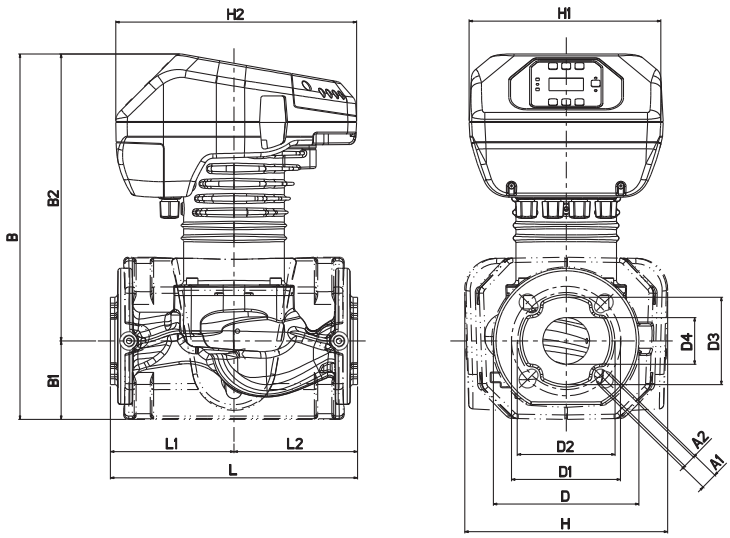
EVOPLUS B .../240.50 M



MODEL	L	L1	L2	A1	A2	B	B1	B2	D	D1	D2	D3	D4	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS B 40/240.50 M	240	120	120	19	14	413	87	325	165	125	110	99	53	222	220	273	21,4	8
EVOPLUS B 60/240.50 M	240	120	120	19	14	413	87	325	165	125	110	99	53	222	220	273	21,4	8
EVOPLUS B 80/240.50 M	240	120	120	19	14	413	87	325	165	125	110	99	53	222	220	273	21,4	8

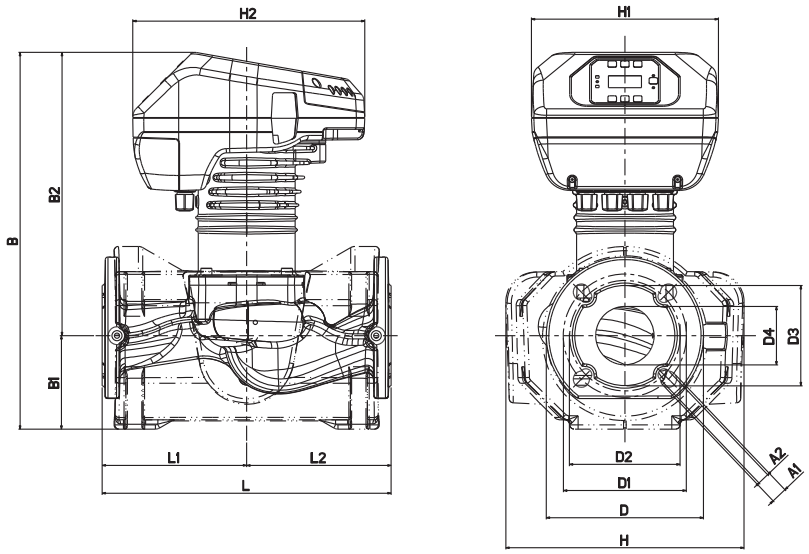
DIMENSIONS AND WEIGHT

EVOPLUS B .../280.50 M



MODEL	L	L1	L2	A1	A2	B	B1	B2	D	D1	D2	D3	D4	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS B 100/280.50 M	280	140	140	19	14	413	87	325	165	125	110	99	53	230	220	273	22	8
EVOPLUS B 120/280.50 M	280	140	140	19	14	413	87	325	165	125	110	99	53	230	220	273	21,8	8
EVOPLUS B 150/280.50 M	280	140	140	19	14	413	87	325	165	125	110	99	53	230	220	273	22,8	8
EVOPLUS B 180/280.50 M	280	140	140	19	14	413	87	325	165	125	110	99	53	230	220	273	22,8	8

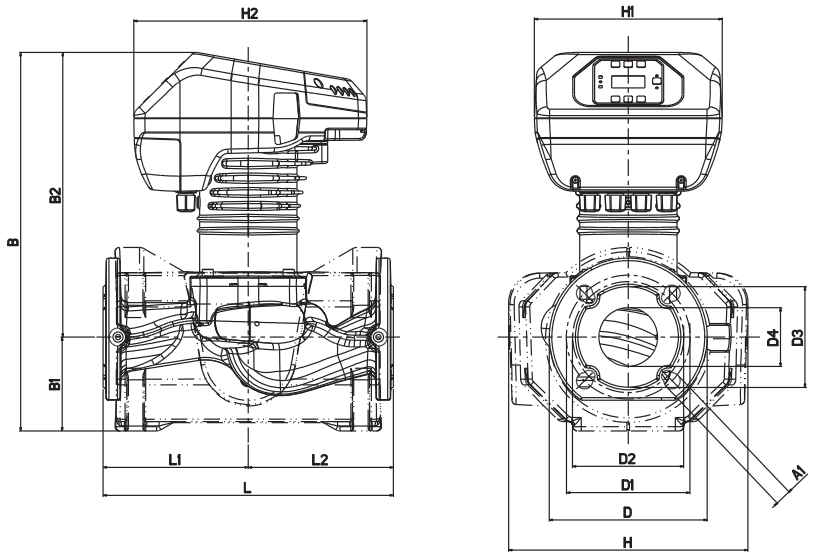
EVOPLUS B .../340.65 M



MODEL	L	L1	L2	A1	A2	B	B1	B2	D	D1	D2	D3	D4	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS B 40/340.65 M	340	170	170	19	14	443	110	333	185	145	130	118	69	280	220	273	23,8	8
EVOPLUS B 60/340.65 M	340	170	170	19	14	443	110	333	185	145	130	118	69	280	220	273	23,8	8
EVOPLUS B 80/340.65 M	340	170	170	19	14	443	110	333	185	145	130	118	69	280	220	273	24,6	8
EVOPLUS B 100/340.65 M	340	170	170	19	14	443	110	333	185	145	130	118	69	280	220	273	25	8
EVOPLUS B 120/340.65 M	340	170	170	19	14	443	110	333	185	145	130	118	69	280	220	273	24,6	8
EVOPLUS B 150/340.65 M	340	170	170	19	14	443	110	333	185	145	130	118	69	280	220	273	27	8

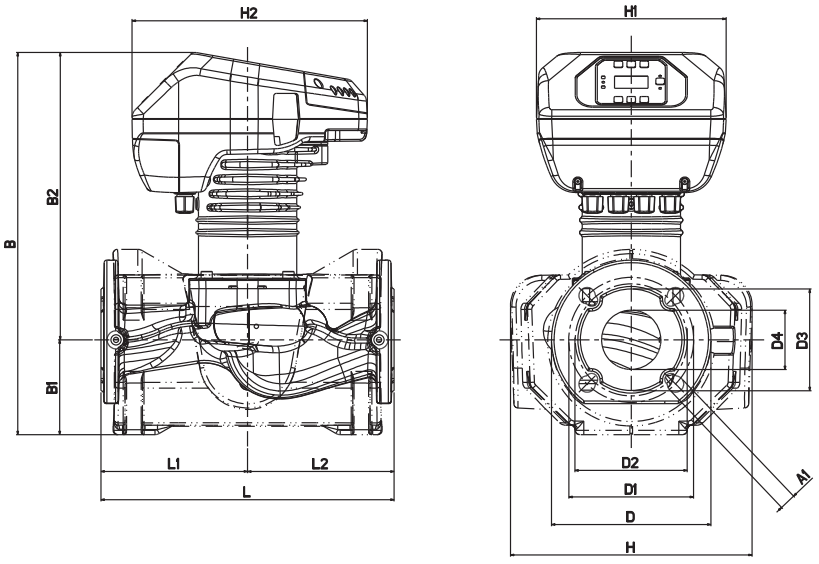
DIMENSIONS AND WEIGHT

EVOPLUS B .../360.80 M



MODEL	L	L1	L2	A1	B	B1	B2	D	D1	D3	D4	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS B 40/360.80 M	360	180	180	19	446	106	340	200	160	132	80	279	220	273	30,2	8
EVOPLUS B 60/360.80 M	360	180	180	19	446	106	340	200	160	132	80	279	220	273	30,2	8
EVOPLUS B 80/360.80 M	360	180	180	19	446	106	340	200	160	132	80	279	220	273	32	8
EVOPLUS B 100/360.80 M	360	180	180	19	446	106	340	200	160	132	80	279	220	273	32,2	4
EVOPLUS B 120/360.80 M	360	180	180	19	446	106	340	200	160	132	80	279	220	273	32,2	4

EVOPLUS B .../450.100 M

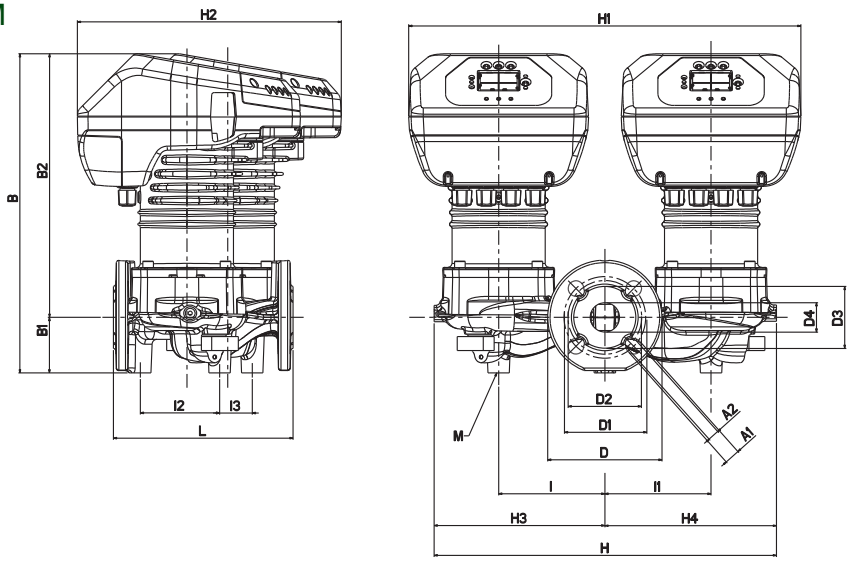


MODEL	L	L1	L2	A1	B	B1	B2	D	D1	D3	D4	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS B 40/450.100 M	450	225	225	19	463	110	353	220	180	156	105	292	220	273	37,5	4
EVOPLUS B 60/450.100 M	450	225	225	19	463	110	353	220	180	156	105	292	220	273	37,5	4
EVOPLUS B 80/450.100 M	450	225	225	19	463	110	353	220	180	156	105	292	220	273	36,6	4
EVOPLUS B 100/450.100 M	450	225	225	19	463	110	353	220	180	156	105	292	220	273	36,8	4
EVOPLUS B 120/450.100 M	450	225	225	19	463	110	353	220	180	156	105	292	220	273	36,3	4

DAB PUMPS reserves the right to make modifications without notice

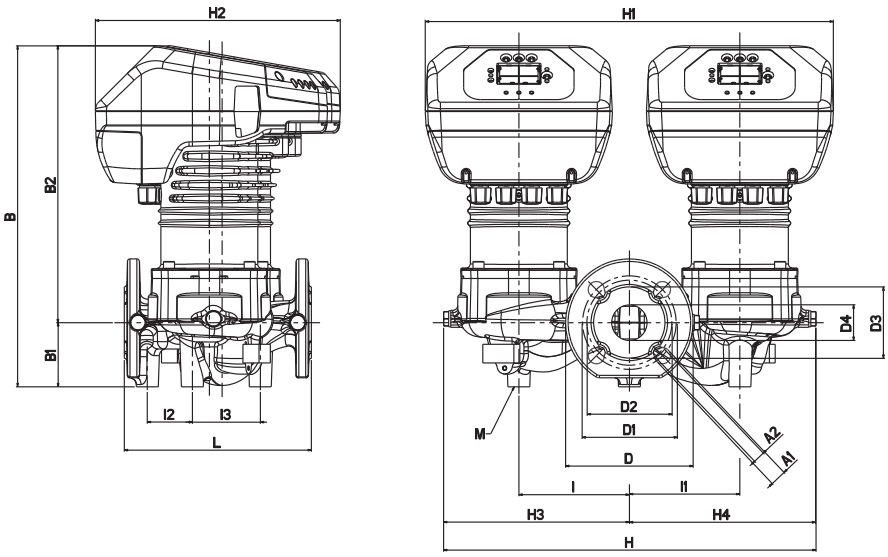
DIMENSIONS AND WEIGHT

EVOPLUS D 120/220.32 M



MODEL	L	A1	A2	B	B1	B2	D	D1	D2	D3	D4	I	I1	I2	I3	M	H	H1	H2	H3	H4	WEIGHT Kg	Q.TY x PALLET
EVOPLUS D 120/220.32 M	220	19	14	391	68	323	140	100	90	76	36	130	130	97	40	M12	419	480	323	209	210	36,2	4

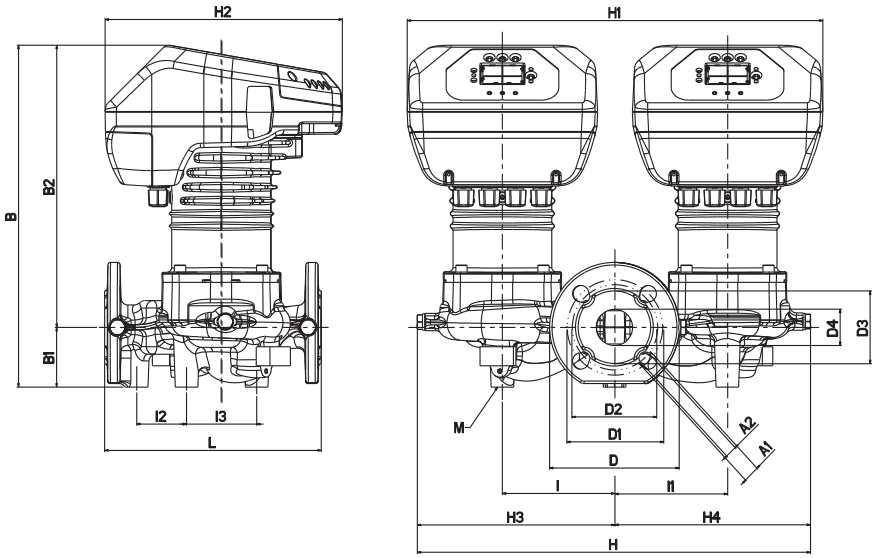
EVOPLUS D .../220.40 M



MODEL	L	A1	A2	B	B1	B2	D	D1	D2	D3	D4	I	I1	I2	I3	M	H	H1	H2	H3	H4	WEIGHT Kg	Q.TY x PALLET
EVOPLUS D 40/220.40 M	220	19	14	436	75	361	150	110	100	84	42	130	130	53	80	M12	438	480	288	219	218	38,6	4
EVOPLUS D 60/220.40 M	220	19	14	436	75	361	150	110	100	84	42	130	130	53	80	M12	438	480	288	219	218	38,6	4
EVOPLUS D 80/220.40 M	220	19	14	436	75	361	150	110	100	84	42	130	130	53	80	M12	438	480	288	219	218	38,6	4
EVOPLUS D 100/220.40 M	220	19	14	436	75	361	150	110	100	84	42	130	130	53	80	M12	438	480	288	219	218	38,6	4

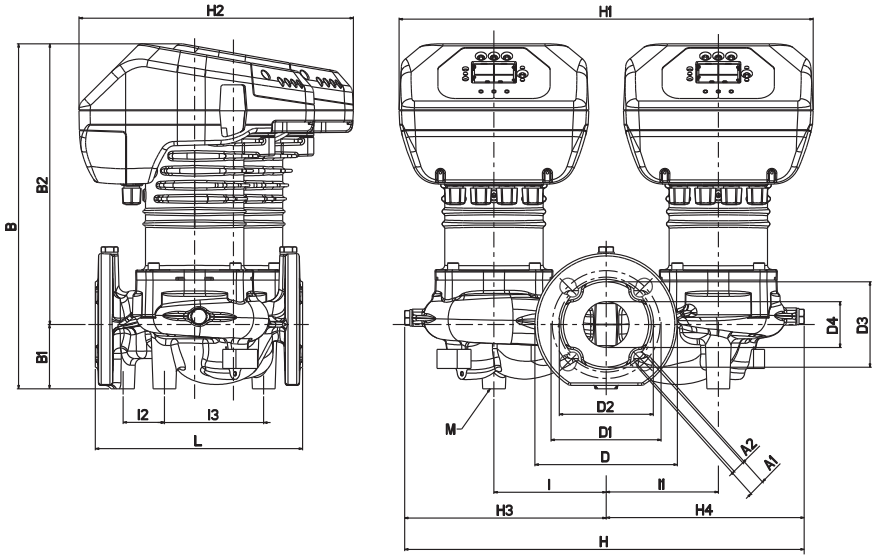
DIMENSIONS AND WEIGHT

EVOPLUS D .../250.40 M



MODEL	L	A1	A2	B	B1	B2	D	D1	D2	D3	D4	I	I1	I2	I3	M	H	H1	H2	H3	H4	WEIGHT Kg	Q.TY x PALLET
EVOPLUS D 120/250.40 M	250	19	14	395	69	326	150	110	100	84	42	130	130	58	81	M12	454	480	274	228	226	38,8	4
EVOPLUS D 150/250.40 M	250	19	14	395	69	326	150	110	100	84	42	130	130	58	81	M12	454	480	274	228	226	38,8	4
EVOPLUS D 180/250.40 M	250	19	14	395	69	326	150	110	100	84	42	130	130	58	81	M12	454	480	274	228	226	38,8	4

EVOPLUS D .../240.50 M

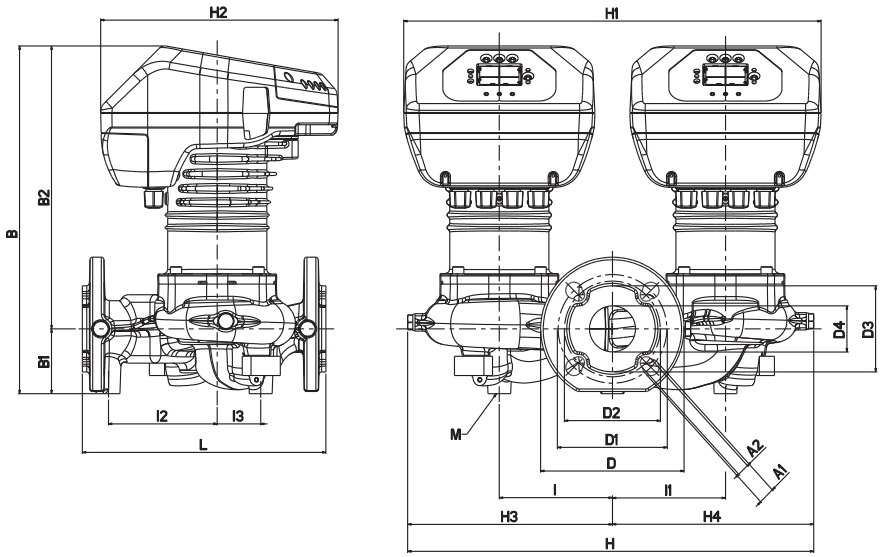


MODEL	L	A1	A2	B	B1	B2	D	D1	D2	D3	D4	I	I1	I2	I3	M	H	H1	H2	H3	H4	WEIGHT Kg	Q.TY x PALLET
EVOPLUS D 40/240.50 M	240	19	14	400	75	325	165	125	110	99	53	130	130	48	115	M12	463	480	318	233	230	40	4
EVOPLUS D 60/240.50 M	240	19	14	400	75	325	165	125	110	99	53	130	130	48	115	M12	463	480	318	233	230	40	4
EVOPLUS D 80/240.50 M	240	19	14	400	75	325	165	125	110	99	53	130	130	48	115	M12	463	480	318	233	230	40	4

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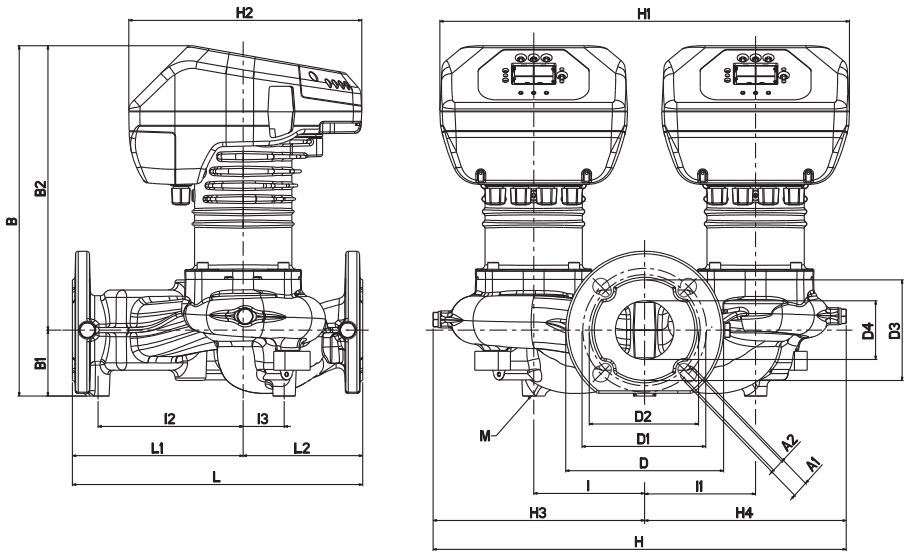
DIMENSIONS AND WEIGHT

EVOPLUS D .../280.50 M



MODEL	L	A1	A2	B	B1	B2	D	D1	D2	D3	D4	I	I1	I2	I3	M	H	H1	H2	H3	H4	WEIGHT Kg	Q.TY x PALLET
EVOPLUS D 100/280.50 M	280	19	14	400	75	325	165	125	110	99	53	130	130	125	50	M12	467	480	273	235	232	39,4	4
EVOPLUS D 120/280.50 M	280	19	14	400	75	325	165	125	110	99	53	130	130	125	50	M12	467	480	273	235	232	39,6	4
EVOPLUS D 150/280.50 M	280	19	14	400	75	325	165	125	110	99	53	130	130	125	50	M12	467	480	273	235	232	41,6	4
EVOPLUS D 180/280.50 M	280	19	14	400	75	325	165	125	110	99	53	130	130	125	50	M12	467	480	273	235	232	41,6	4

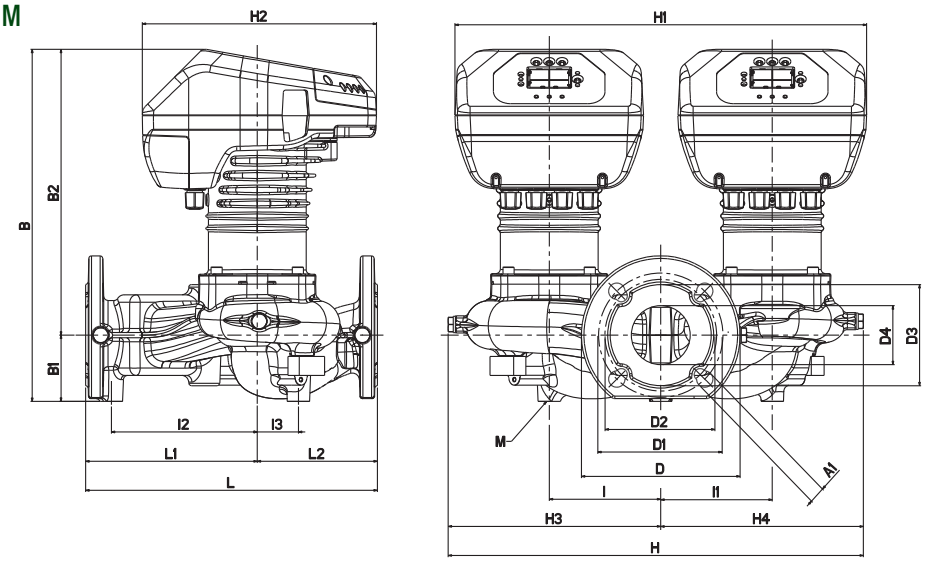
EVOPLUS D .../340.65 M



MODEL	L	L1	L2	A1	A2	B	B1	B2	D	D1	D2	D3	D4	I	I1	I2	I3	M	H	H1	H2	H3	H4	WEIGHT Kg	Q.TY x PALLET
EVOPLUS D 40/340.65 M	340	200	140	19	14	411	77	334	185	145	130	118	69	130	130	170	48	M12	484	480	273	248	236	43,4	4
EVOPLUS D 60/340.65 M	340	200	140	19	14	411	77	334	185	145	130	118	69	130	130	170	48	M12	484	480	273	248	236	43,4	4
EVOPLUS D 80/340.65 M	340	200	140	19	14	411	77	334	185	145	130	118	69	130	130	170	48	M12	484	480	273	248	236	43,4	4
EVOPLUS D 100/340.65 M	340	200	140	19	14	411	77	334	185	145	130	118	69	130	130	170	48	M12	484	480	273	248	236	44,8	4
EVOPLUS D 120/340.65 M	340	200	140	19	14	411	77	334	185	145	130	118	69	130	130	170	48	M12	484	480	273	248	236	45	4
EVOPLUS D 150/340.65 M	340	200	140	19	14	411	77	334	185	145	130	118	69	130	130	170	48	M12	484	480	273	248	236	49,4	4

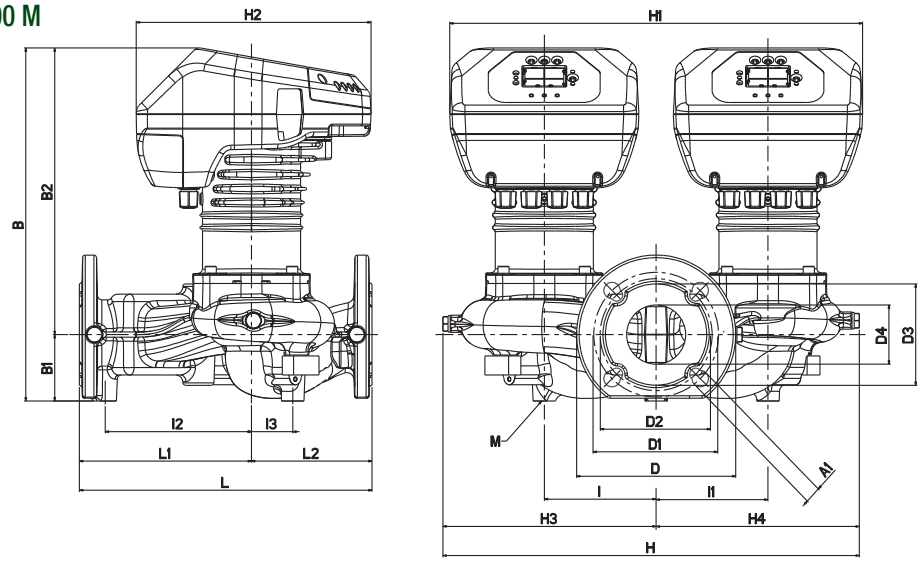
DIMENSIONS AND WEIGHT

EVOPLUS D .../360.80 M



MODEL	L	L1	L2	A1	B	B1	B2	D	D1	D3	D4	I	I1	I2	I3	M	H	H1	H2	H3	H4	WEIGHT Kg	Q.TY x PALLET
EVOPLUS D 40/360.80 M	360	200	160	19	437	96	341	200	160	132	80	130	130	160	58	M12	515	480	273	262	253	52	4
EVOPLUS D 60/360.80 M	360	200	160	19	437	96	341	200	160	132	80	130	130	160	58	M12	515	480	273	262	253	52	4
EVOPLUS D 80/360.80 M	360	200	160	19	437	96	341	200	160	132	80	130	130	160	58	M12	515	480	273	262	253	57	4
EVOPLUS D 100/360.80 M	360	200	160	19	437	96	341	200	160	132	80	130	130	160	58	M12	515	480	273	262	253	56	4
EVOPLUS D 120/360.80 M	360	200	160	19	437	96	341	200	160	132	80	130	130	160	58	M12	515	480	273	262	253	56,4	4

EVOPLUS D .../450.100 M



MODEL	L	L1	L2	A1	B	B1	B2	D	D1	D3	D4	I	I1	I2	I3	M	H	H1	H2	H3	H4	WEIGHT Kg	Q.TY x PALLET
EVOPLUS D 40/450.100 M	450	260	190	19	456	103	353	220	180	156	105	135	135	200	43	12	517	490	273	265	252	67,8	4
EVOPLUS D 60/450.100 M	450	260	190	19	456	103	353	220	180	156	105	135	135	200	43	12	517	490	273	265	252	67,8	4
EVOPLUS D 80/450.100 M	450	260	190	19	456	103	353	220	180	156	105	135	135	200	43	12	517	490	273	265	252	68	4
EVOPLUS D 100/450.100 M	450	260	190	19	456	103	353	220	180	156	105	135	135	200	43	12	517	490	273	265	252	68	2
EVOPLUS D 120/450.100 M	450	260	190	19	456	103	353	220	180	156	105	135	135	200	43	12	517	490	273	265	252	67,8	2

DAB PUMPS reserves the right to make modifications without notice

VA - VB - VD
WET ROTOR CIRCULATORS

ONLY FOR EXTRA MARKETS EU

CE

HEATING AND AIR CONDITIONING SYSTEMS


VA


VB


VD

Single body consisting of a cast iron hydraulic unit. Die-cast aluminium motor casing. Technopolymer impeller. Tempered stainless steel driving shaft mounted on graphite brushings lubricated by the pumped liquid itself. Stainless steel protective rotor sleeve, stator sleeve and closing flange. Ceramic thrust bearing, E.P.D.M. O-rings and brass air outlet cap. The two-pole asynchronous motor with wet rotor is self-protected for resistance.
No overload protection required. Three-speed operation.
In the twin version an automatic clapet type valve is provided.

Operating range: from 0.5 to 3,6 m³/h with head up to 6 metres.
Liquid temperature range: from -10°C to +110°C.
Pumped liquid characteristics: clean, free from solids and mineral oils, non viscous, chemically neutral, close to the characteristics of water (max 30% glycol).
Maximum working pressure: 10 bar (1000 kPa).
Protection level: corresponding to IP 44
Insulation class: F
Cable grommet: PG 11
Installation: with motor axis horizontal.

Only for extra EU markets. Please contact our sales network for more information

TECHNICAL DATA - VA *SINGLE WITH UNIONS*

MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	ELECTRICAL DATA							ENERGY CLASS	HYDRAULIC DATA								MINIMUM HEAD PRESSURE
				VOLTAGE 50 Hz	SPEED	n.r.p.m.	P1 MAX W	In A	CAPACITOR µF	CAPACITOR Vc		Q m³/h l/min	0 0	0,6 10	1,2 20	1,8 30	2,4 40	3 50	4,2 70	
VA 25/130	60112896	130	11/2" G	1x230 V	3 2 1	2655 2380 1680	43	0,19	1,5	450	B		2,71	2,45	2,15	1,75	1,2	0,6		t° +90°C m.c.a. 1,5
VA 25/180	60112900	180	11/2" G	1x230 V	3 2 1	2655 2380 1680	43	0,19	1,5	450	B		2,71	2,45	2,15	1,75	1,2	0,6		t° +90°C m.c.a. 1,5
VA 25/180X	60112902	180	2" G	1x230 V	3 2 1	2655 2380 1680	43	0,19	1,5	450	B		2,71	2,45	2,15	1,75	1,2	0,6		t° +90°C m.c.a. 1,5
VA 35/130	60112903	130	11/2" G	1x230 V	3 2 1	2455 1930 1150	56	0,25	1,7	450	B		4,3	3,9	3,4	2,8	2,15	1,4		t° +90°C m.c.a. 1,5
VA 35/130-1/2"	60112904	130	1" G	1x230 V	3 2 1	2455 1930 1150	56	0,25	1,7	450	B		4,3	3,9	3,4	2,8	2,15	1,4		t° +90°C m.c.a. 1,5
VA 35/180	60112915	180	11/2" G	1x230 V	3 2 1	2455 1930 1150	56	0,25	1,7	450	B		4,3	3,9	3,4	2,8	2,15	1,4		t° +90°C m.c.a. 1,5
VA 35/180 X	60112931	180	2" G	1x230 V	3 2 1	2455 1930 1150	56	0,25	1,7	450	B		4,3	3,9	3,4	2,8	2,15	1,4		t° +90°C m.c.a. 1,5
VA 55/130	60112936	130	11/2" G	1x230 V	3 2 1	2400 1600 930	70	0,30	1,7	450	B	H (m)	5,4	4,7	4,5	3,3	2,6	1,75	0,85	t° +90°C m.c.a. 1,5
VA 55/130-1/2"	60112938	130	1" G	1x230 V	3 2 1	2400 1600 930	70	0,30	1,7	450	B		5,4	4,7	4,5	3,3	2,6	1,75	0,85	t° +90°C m.c.a. 1,5
VA 55/180	60112948	180	11/2" G	1x230 V	3 2 1	2400 1600 930	70	0,30	1,7	450	B		5,4	4,7	4,5	3,3	2,6	1,75	0,85	t° +90°C m.c.a. 1,5
VA 55/180 X	60112957	180	2" G	1x230 V	3 2 1	2400 1600 930	70	0,30	1,7	450	B		5,4	4,7	4,5	3,3	2,6	1,75	0,85	t° +90°C m.c.a.1,5
VA 65/130	60112962	130	11/2" G	1x230 V	3 2 1	2310 1532 880	78	0,34	2	450	C		6,3	5,8	5,3	4,3	3,4	2,4		t° +90°C m.c.a. 2,5
VA 65/130-1/2"	60112966	130	1" G	1x230 V	3 2 1	2310 1532 880	78	0,34	2	450	C		6,3	5,8	5,3	4,3	3,4	2,4		t° +90°C m.c.a. 2,5
VA 65/180	60112985	130	11/2" G	1x230 V	3 2 1	2310 1532 880	78	0,34	2	450	C		6,3	5,8	5,3	4,3	3,4	2,4		t° +90°C m.c.a. 2,5
VA 65/180 X	60112988	180	2" G	1x230 V	3 2 1	2310 1532 880	78	0,34	2	450	C		6,3	5,8	5,3	4,3	3,4	2,4		t° +90°C m.c.a. 2,5

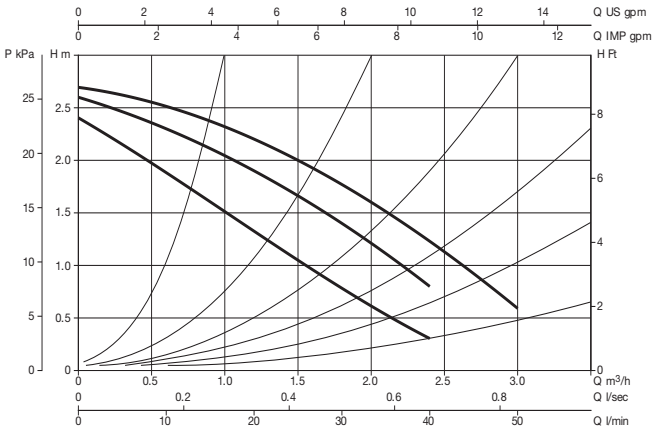
TECHNICAL DATA - VB *SINGLE WITH OVAL FLANGES*

MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	ELECTRICAL DATA							ENERGY CLASS	HYDRAULIC DATA								MINIMUM HEAD PRESSURE
				VOLTAGE 50 Hz	SPEED	n.r.p.m.	P1 MAX W	In A	CAPACITOR µF	CAPACITOR Vc		Q m^3/h l/min	0	0,6	1,2	1,8	2,4	3	4,2	
													0	10	20	30	40	50	70	
VB 35/120	60112933	120	OVAL COUNTERFL.	1x230 V	3 2 1	2465 1930 1150	56	0,25	1,7	450	B	H (m)	4,3	3,9	3,4	2,8	2,15	1,4		t° +90°C m.c.a. 1,5
VB 55/120	60112959	120	OVAL COUNTERFL.	1x230 V	3 2 1	2400 1600 930	70	0,30	1,7	450	B		5,4	4,7	4	3,3	2,5	1,75	0,85	t° +90°C m.c.a. 1,5
VB 65/120	60112989	120	OVAL COUNTERFL.	1x230 V	3 2 1	2310 1532 880	78	0,34	2	450	C		6,3	5,8	5,3	4,3	3,4	2,4		t° +90°C m.c.a. 2,5

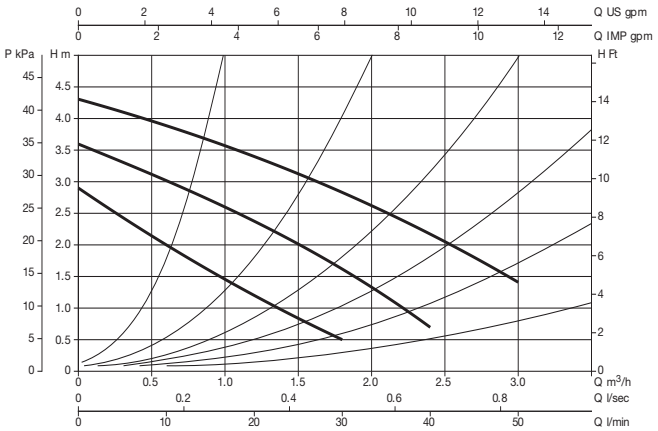
TECHNICAL DATA - VD *TWIN WITH FLANGES*

MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	ELECTRICAL DATA							ENERGY CLASS	HYDRAULIC DATA								MINIMUM HEAD PRESSURE
				VOLTAGE 50 Hz	SPEED	n.r.p.m.	P1 MAX W	In A	CAPACITOR µF	CAPACITOR Vc		Q m^3/h l/min	0	0,6	1,2	1,8	2,4	3	4,2	
													0	10	20	30	40	50	70	
VD 55/220.32	60112961	220	DN 32	1x230 V	3 2 1	2400 1600 930	70	0,30	1,7	450	B	H (m)	5,4	4,7	4,5	3,3	2,6	1,75	0,85	t° +90°C m.c.a. 1,5
VD 65/220.32	60112991	220	DN 32	1x230 V	3 2 1	2310 1532 880	78	0,34	2	450	C		6,3	5,8	5,3	4,3	3,4	2,4		t° +90°C m.c.a. 2,5

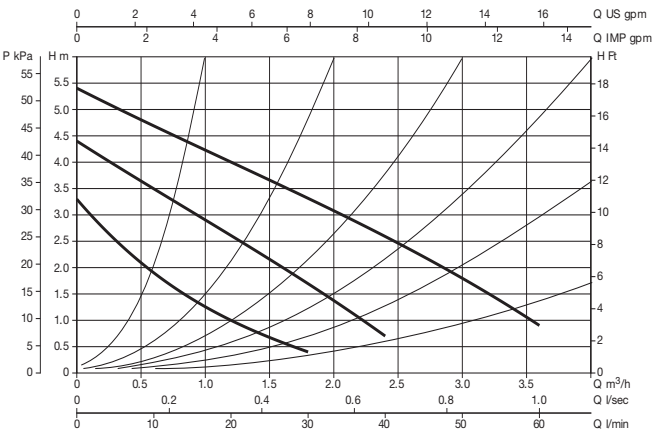
VA 25



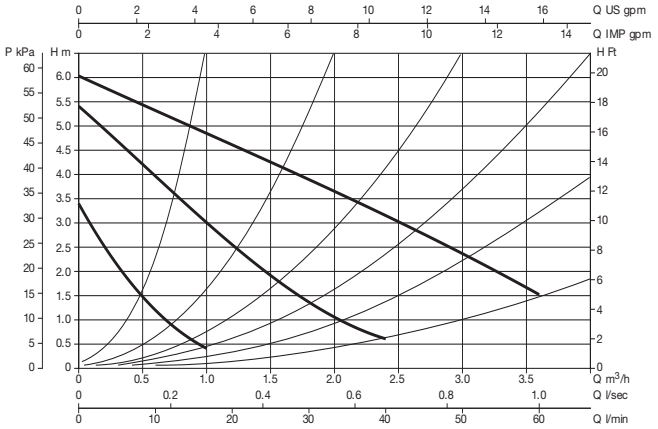
VA - VB 35



VA - VB - VD 55*



VA - VB - VD 65*

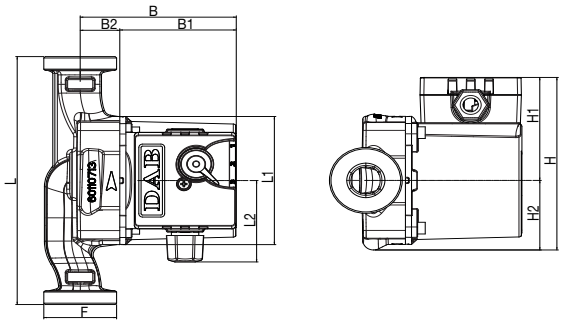


* Electrical data are related to only one motor in operation

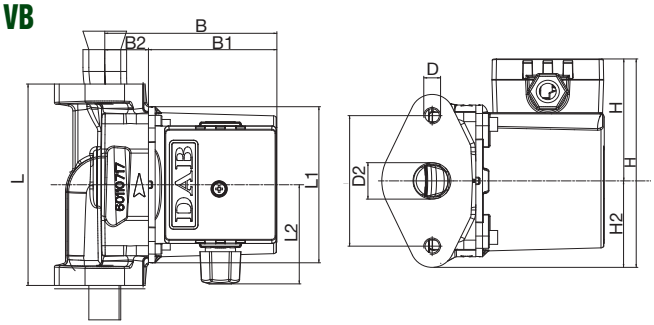
DAB PUMPS reserves the right to make modifications without notice

DIMENSIONS AND WEIGHT

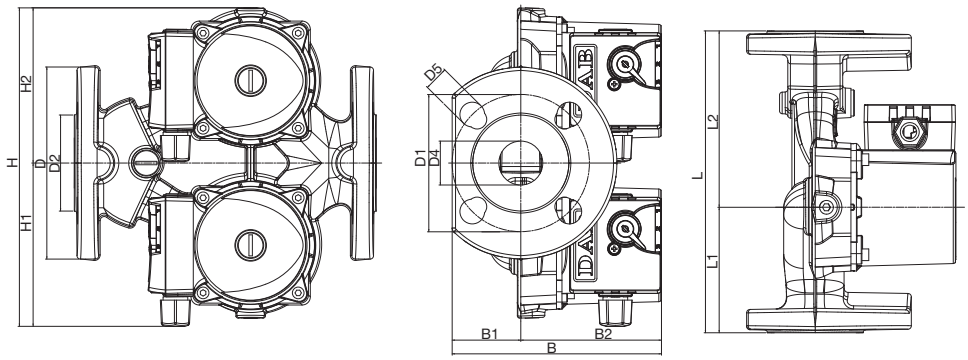
VA



VB



VD



MODEL	L	L1	L2	B	B1	B2	H	H1	H2	F	PACKAGING DIMENSIONS			WEIGHT KG	Q.TY x PALLET
											L	B	H		
VA 25/130	130	93	59	102,5	76,5	26	125,5	75	50,5	1½"	135	135	150	2.7	240
VA 25/180	180	93	59	102,5	76,5	26	125,5	75	50,5	1½"	130	190	150	2.8	180
VA 25/180 X	180	93	59	102,5	76,5	26	125,5	75	50,5	2"	130	190	150	2.9	180
VA 35/130	130	93	59	102,5	76,5	26	125,5	75	50,5	1½"	135	135	150	2.7	240
VA 35/130 1/2"	130	93	59	102,5	76,5	26	125,5	75	50,5	1"	135	135	150	2.6	240
VA 35/180	180	93	59	102,5	76,5	26	125,5	75	50,5	1½"	130	190	150	2.8	180
VA 35/180 X	180	93	59	102,5	76,5	26	125,5	75	50,5	2"	130	190	150	2.9	180
VA 55/130	130	93	59	102,5	76,5	26	125,5	75	50,5	1½"	135	135	150	2.7	240
VA 55/130 1/2"	130	93	59	102,5	76,5	26	125,5	75	50,5	1"	135	135	150	2.6	240
VA 55/180	180	93	59	102,5	76,5	26	125,5	75	50,5	1½"	130	190	150	2.8	180
VA 55/180 X	180	93	59	102,5	76,5	26	125,5	75	50,5	2"	130	190	150	2.9	180
VA 65/130	130	93	59	102,5	76,5	26	125,5	75	50,5	1½"	135	135	150	2.7	240
VA 65/130 1/2"	130	93	59	102,5	76,5	26	125,5	75	50,5	1"	135	135	150	2.6	240
VA 65/180	180	93	59	102,5	76,5	26	125,5	75	50,5	1½"	130	190	150	2.7	180
VA 65/180 X	180	93	59	102,5	76,5	26	125,5	75	50,5	2"	130	190	150	2.9	180

MODEL	L	L1	L2	B	B1	B2	H	H1	H2	D2	D1	I	PACKAGING DIMENSIONS			WEIGHT KG	Q.TY x PALLET
													L	B	H		
VB 35/120	120	98	60	104	78	26	124	75	49	25	M10	78	135	135	150	3.1	240
VB 55/120	120	98	60	104	78	26	124	75	49	25	M10	80	135	135	150	3.1	240
VB 65/120	120	98	60	104	78	26	124	75	49	26	M10	80	135	135	150	3.1	240

MODEL	L	L1	L2	B	B1	B2	D	D1		D2	D4	D5		H	H1	H2	PACKAGING DIMENSIONS			WEIGHT KG	Q.TY x PALLET
								PN6	PN10			PN6	PN10				L	B	H		
VD 55/220.32	220	91,5	128,5	150	50	100	140	90	100	70	32	14	18	230	115	115	160	253	238	8.5	84
VD 65/220.32	220	91,5	128,5	150	50	100	140	90	100	70	32	14	18	230	115	115	160	253	238	8.5	84

A - B - D
WET ROTOR CIRCULATORS

ONLY FOR EXTRA MARKETS EU

CE

HEATING, AIR CONDITIONING



Pump body in cast iron and motor casing in die-cast aluminium. Technopolymer impeller and tempered stainless steel driving shaft mounted on graphite brushings lubricated by the pumped liquid itself. Flanged vents, (threaded series A), provided with threaded connectors for controlling gauges. Stainless steel protective rotor sleeve, stator sleeve and closing flange. Ceramic thrust bearing, E.P.D.M. "O" rings and brass air outlet cap. The two-pole asynchronous motor with wet rotors designed **for three-speed** operation, single-phase version, **for two-speed** operation, for three-phase version. Thermal overload protection incorporated in the single phase version.
In the twin version an automatic clapet type valve and blank flange are provided.

Operating range: from 1 to 12 m³/h with head up to 11 metres.
Liquid temperature range: from -10°C to +110°C.
Pumped liquid characteristics: clean, free from solids and mineral oils, not viscous, chemically neutral, close to the characteristics of water (max 30% glycol).
Maximum working pressure: 10 bar (1000 kPa).
Protection level: IP 44
Insulation class: F
Cable grommet: PG 11
Installation: with motor axis horizontal.

Only for extra EU markets. Please contact our sales network for more information

TECHNICAL DATA - A *SINGLE WITH UNIONS*

MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	ELECTRICAL DATA							HYDRAULIC DATA										MINUMUM HEAD PRESSURE
				VOLTAGE 50 Hz	SPEED	n.r.p.m.	P1 MAX W	In A	CAPACITOR µF	CAPACITOR Vc	Q m³/h	0	0,6	1,2	1,8	2,4	3	4,2	7,2	12	
											l/min	0	10	20	30	40	50	70	120	200	
A 50/180 M	505803001	180	11/2"G	1 x 230 V ~	3 2 1	2766 2616 2215	195	0.95	4	400		5,7	5,6	5,4	5,3	5,1	4,8	4,2	2,6		t° +90°C m.c.a. 1,5
A 50/180 XM	505802041	180	2"G	1 x 230 V ~	3 2 1	2791 2651 2297	189	0.92	4	400		5,7	5,6	5,4	5,3	5,1	4,8	4,2	2,6		t° +90°C m.c.a. 1,5
A 50/180 T	505803601	180	11/2"G	3x400 V ~	2 1	2827 2502	197	0.52	-	-		5,6	5,6	5,6	5,5	5,43	5,4	4,9	2,8		t° +90°C m.c.a. 1,5
A 50/180 XT	505802671	180	2"G	3x400 V ~	2 1	2838 2520	201	0.50	-	-		5,9	5,85	5,8	5,6	5,5	5,2	4,6	2,9		t° +90°C m.c.a. 1,5
A 56/180 M	505805001	180	11/2"G	1 x 230 V ~	3 2 1	2636 2226 1485	287	1,30	7	400		6,35	6,3	6,2	6,18	6	5,9	5,5	4,2	1,2	t° +90°C m.c.a. 1,5
A 56/180 XM	505804041	180	2"G	1 x 230 V ~	3 2 1	2658 2117 1394	294	1,32	7	400		6,35	6,3	6,2	6,18	6	5,9	5,5	4,2	1,2	t° +90°C m.c.a. 1,5
A 56/180 T	505805601	180	11/2"G	3x400 V ~	2 1	2704 2178	294	0.60	-	-		6,42	6,42	6,41	6,4	6,4	6,4	6,1	4,8		t° +90°C m.c.a. 1,5
A 56/180 XT	505804671	180	2"G	3x400 V ~	2 1	2708 2178	291	0.60	-	-		6,4	6,3	6,2	6,1	6	5,9	5,7	4,4		t° +90°C m.c.a. 1,5
A 80/180 M	505807001	180	11/2"G	1 x 230 V ~	3 2 1	2674 2356 1615	264	1,15	7	400	H (m)	8,25	8	7,6	7,4	7,2	6,9	6,3	3,8		t° +90°C m.c.a. 2,5
A 80/180 XM	505806041	180	2"G	1 x 230 V ~	3 2 1	2683 2374 1688	260	1,17	7	400		8,25	8	7,6	7,4	7,2	6,9	6,3	3,8		t° +90°C m.c.a. 2,5
A 80/180 T	505807601	180	11/2"G	3x400 V ~	2 1	2724 2226	271	0.57	-	-		8,2	7,9	7,6	7,3	7	6,8	6,1	3,7		t° +90°C m.c.a. 2,5
A 80/180 XT	505806671	180	2"G	3x400 V ~	2 1	2727 2227	272	0.57	-	-		8,2	7,9	7,6	7,3	7	6,8	6,1	3,7		t° +90°C m.c.a. 2,5
A 110/180 M	505808001	180	11/2"G	1 x 230 V ~	3 2 1	2746 2552 2052	410	1,77	12	450		11,3	11	10,8	10,5	10	9,8	8,9	6,7		t° +90°C m.c.a. 2,5
A 110/180 XM	505809001	180	2"G	1 x 230 V ~	3 2 1	2746 2552 2052	410	1,77	12	450		11,3	11	10,8	10,5	10	9,8	9,2	7	1,7	t° +90°C m.c.a. 2,5
A 110/180 T	505808601	180	11/2"G	3x400 V ~	2 1	2759 2341	403	0.90	-	-		11,3	11	10,8	10,5	10	9,8	8,9	6,6		t° +90°C m.c.a. 2,5
A 110/180 XT	505809601	180	2"G	3x400 V ~	2 1	2759 2341	403	0.90	-	-		11,3	11	10,8	10,5	10	9,8	9,2	7	1,6	t° +90°C m.c.a. 2,5

TECHNICAL DATA - B *SINGLE WITH OVAL FLANGES*

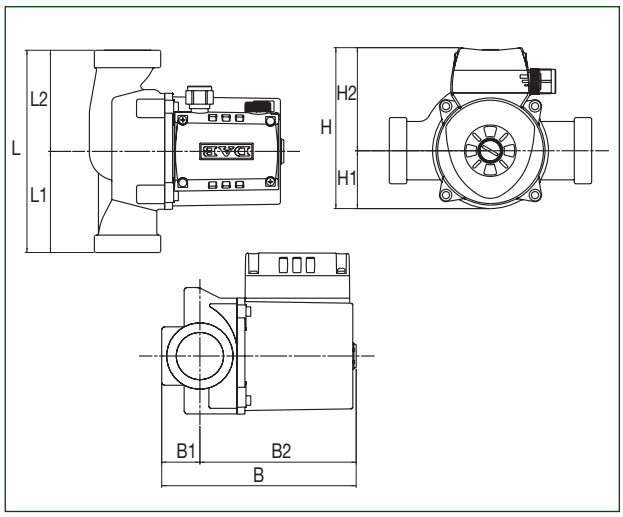
MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	ELECTRICAL DATA							HYDRAULIC DATA										MINUMUM HEAD PRESSURE
				VOLTAGE 50 Hz	SPEED	n.r.p.m.	P1 MAX W	In A	CAPACITOR		Q m^3/h l/min	0	0,6	1,2	1,8	2,4	3	4,2	7,2	12	
									µF	Vc		0	10	20	30	40	50	70	120	200	
B 50/250.40 M	505812041	250	DN 40	1 x 230 V ~	3 2 1	2766 2616 2215	195	0.95	2,5	400		5,7	5,6	5,4	5,3	5,1	4,8	4,2	2,6		t° +90°C m.c.a. 1,5
B 50/250.40 T	505812671	250	DN 40	3x400 V ~	2 1	2827 2502	201	0,50	-	-		5,9	5,85	5,8	5,6	5,5	5,2	4,6	2,9		t° +90°C m.c.a. 1,5
B 56/250.40 M	505814041	250	DN 40	1 x 230 V ~	3 2 1	2636 2226 1485	294	1,32	7	400		6,35	6,3	6,2	6,18	6	5,9	5,5	4,2	1,2	t° +90°C m.c.a. 1,5
B 56/250.40 T	505814671	250	DN 40	3x400 V ~	2 1	2704 2178	291	0.60	-	-		6,4	6,3	6,2	6,1	6	5,9	5,7	4,4		t° +90°C m.c.a. 1,5
B 80/250.40 M	505816041	250	DN 40	1 x 230 V ~	3 2 1	2674 2356 1615	260	1,17	7	400	H (m)	8,25	8	7,6	7,4	7,2	6,9	6,3	3,8		t° +90°C m.c.a. 2,5
B 80/250.40 T	505816671	250	DN 40	3x400 V ~	2 1	2724 2226	272	0.57	-	-		8,2	7,9	7,6	7,3	7	6,8	6,1	3,7		t° +90°C m.c.a. 2,5
B 110/250.40 M	505818001	250	DN 40	1 x 230 V ~	3 2 1	2746 2552 2052	410	1.77	12	450		11,3	11	10,8	10,5	10	9,8	9,2	7	1,7	t° +90°C m.c.a. 2,5
B 110/250.40 T	505818601	250	DN 40	3x400 V ~	2 1	2759 2341	403	0.90	-	-		11,3	11	10,8	10,5	10	9,8	9,2	7	1,6	t° +90°C m.c.a. 2,5

TECHNICAL DATA - D *TWIN WITH FLANGES*

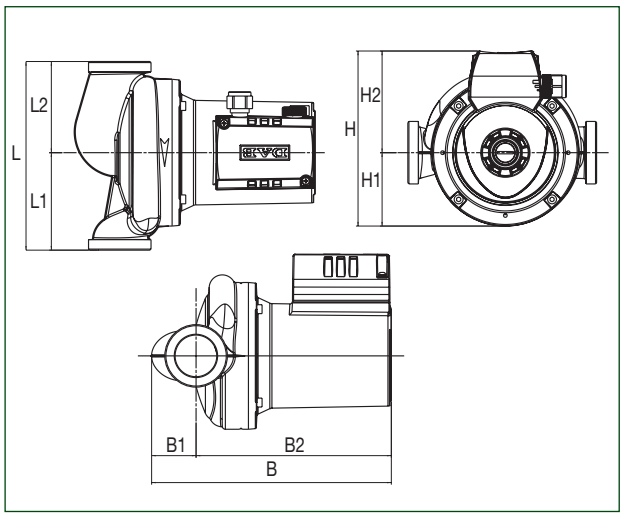
MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	ELECTRICAL DATA							HYDRAULIC DATA										MINUMUM HEAD PRESSURE
				VOLTAGE 50 Hz	SPEED	n.r.p.m.	P1 MAX W	In A	CAPACITOR		Q m^3/h l/min	0	0,6	1,2	1,8	2,4	3	4,2	7,2	12	
									µF	Vc		0	10	20	30	40	50	70	120	200	
D 50/250.40 M	505822041	250	DN 40 - PN 10	1 x 230 V ~	3 2 1	2766 2616 2215	195	0.95	2,5	400		5,7	5,6	5,4	5,3	5,1	4,8	4,2	2,6		t° +90°C m.c.a. 1,5
D 50/250.40 T	505822671	250	DN 40 - PN 10	3x400 V ~	2 1	2827 2502	201	0.50	-	-		5,9	5,85	5,8	5,6	5,5	5,2	4,6	2,9		t° +90°C m.c.a. 1,5
D 56/250.40 M	505824041	250	DN 40 - PN 10	1 x 230 V ~	3 2 1	2636 2226 1485	294	1,32	7	400		6,35	6,3	6,2	6,18	6	5,9	5,5	4,2	1,2	t° +90°C m.c.a. 1,5
D 56/250.40 T	505824671	250	DN 40 - PN 10	3x400 V ~	2 1	2704 2178	291	0.60	-	-		5,9	5,85	5,8	5,6	5,5	5,2	4,6	2,9		t° +90°C m.c.a. 1,5
D 80/250.40 M	505826041	250	DN 40 - PN 10	1 x 230 V ~	3 2 1	2674 2356 1615	260	1,17	7	400		8,25	8	7,6	7,4	7,2	6,9	6,3	3,8		t° +90°C m.c.a. 2,5
D 80/250.40 T	505826671	250	DN 40 - PN 10	3x400 V ~	2 1	2724 2226	272	0.57	-	-		8,2	7,9	7,6	7,3	7	6,8	6,1	3,7		t° +90°C m.c.a. 2,5
D 110/250.40 M	505828001	250	DN 40 - PN 10	1 x 230 V ~	3 2 1	2746 2552 2052	410	1,77	12	450		11,3	11	10,8	10,5	10	9,8	9,2	7	1,7	t° +90°C m.c.a. 2,5
D 110/250.40 T	505828601	250	DN 40 - PN 10	3x400 V ~	2 1	2759 2341	403	0,90	-	-		11,3	11	10,8	10,5	10	9,8	9,2	7	1,6	t° +90°C m.c.a. 2,5

DIMENSIONS AND WEIGHT

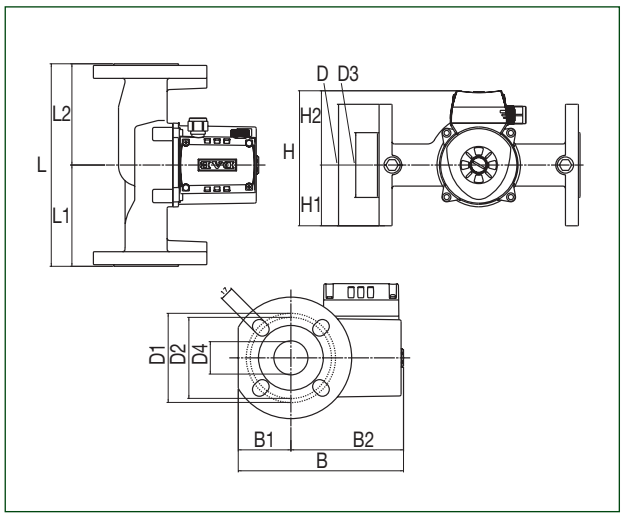
A 50-56-80/...M-T



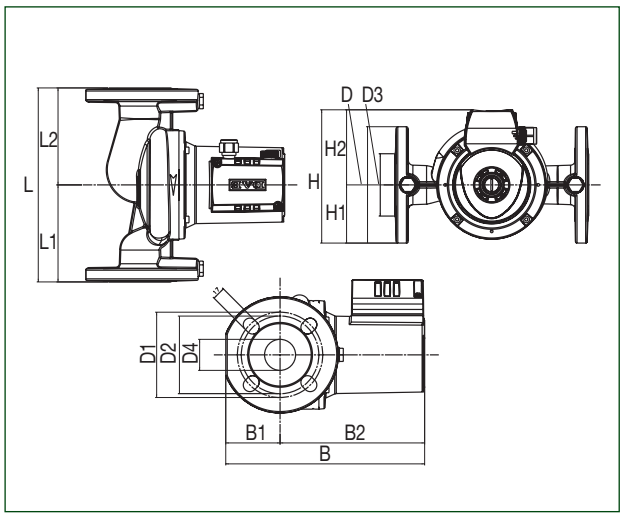
A 110/...M-T



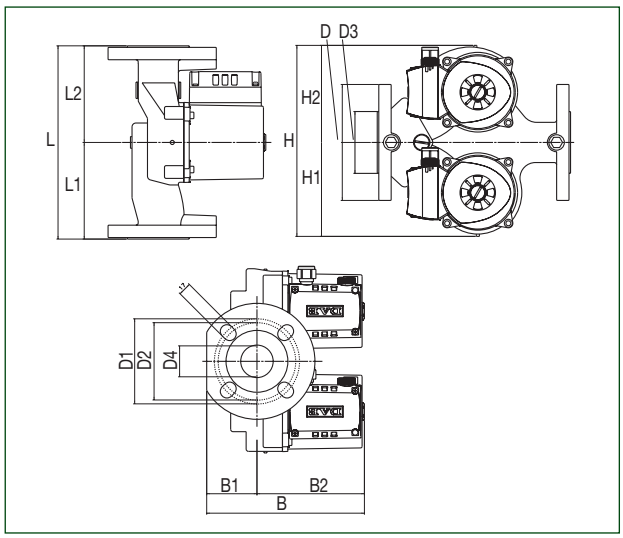
B 50-56-80/...M-T



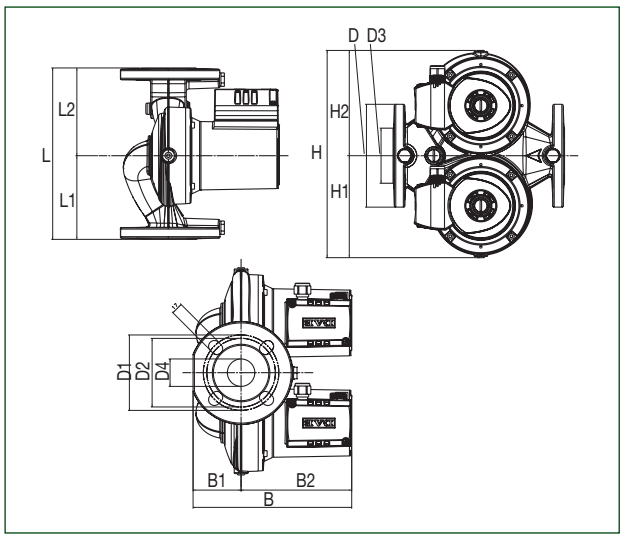
B 110/...M-T



D 50-56-80/...M-T



D 110/...M-T



DIMENSIONS AND WEIGHT

MODEL	L	L1	L2	A	B	B1	B2	D	D1	D2	D3	D4	H	H1	H2	F	WEIGHT KG	Q.TY x PALLET
A 50/180 XM	180	90	90	_	173	34	139	_	_	_	_	_	143	52	92	2"G	5,3	115
A 50/180 M	180	90	90	_	173	34	139	_	_	_	_	_	143	52	92	1"1/2	5,0	115
A 50/180 XT	180	90	90	_	173	34	139	_	_	_	_	_	143	52	92	2"G	5,2	115
A 50/180 T	180	90	90	_	173	34	139	_	_	_	_	_	143	52	92	1"1/2	5,3	115
A 56/180 XM	180	90	90	_	173	34	139	_	_	_	_	_	143	52	92	2"G	5,3	115
A 56/180 M	180	90	90	_	173	34	139	_	_	_	_	_	143	52	92	1"1/2	5,3	115
A 56/180 XT	180	90	90	_	173	34	139	_	_	_	_	_	143	52	92	2"G	5,3	115
A 56/180 T	180	90	90	_	173	34	139	_	_	_	_	_	143	52	92	1"1/2	5,2	115
A 80/180 XM	180	90	90	_	173	34	139	_	_	_	_	_	143	52	92	2"G	5,3	115
A 80/180 M	180	90	90	_	173	34	139	_	_	_	_	_	143	52	92	1"1/2	5,3	115
A 80/180 XT	180	90	90	_	173	34	139	_	_	_	_	_	143	52	92	2"G	5,3	115
A 80/180 T	180	90	90	_	173	34	139	_	_	_	_	_	143	52	92	1"1/2	5,2	115
A 110/180 M	180	93	87	_	229	42	186	_	_	_	_	_	167	70	97	1"1/2	5,3	54
A 110/180 XM	180	93	87	_	229	42	186	_	_	_	_	_	167	70	97	2"G	5,3	54
A 110/180 T	180	93	87	_	229	186	42	_	_	_	_	_	163	70	93	1"1/2	5,2	54
A 110/180 XT	180	93	87	_	229	186	42	_	_	_	_	_	163	70	93	2"G	5,2	54

MODEL	L	L1	L2	A	B	B1	B2	D	D1	D2	D3	D4	H	H1	H2	F	WEIGHT KG	Q.TY x PALLET
B 50/250.40 M	250	125	125	_	204	65	139	150	110	100	80	40	167	75	92	DN40/PN10	9,1	42
B 50/250.40 T	250	125	125	_	204	65	139	150	110	100	80	40	167	75	92	DN40/PN10	9,3	42
B 56/250.40 M	250	125	125	_	204	65	139	150	110	100	80	40	167	75	92	DN40/PN10	9,3	42
B 56/250.40 T	250	125	125	_	204	65	139	150	110	100	80	40	167	75	92	DN40/PN10	9,2	42
B 80/250.40 M	250	125	125	_	204	65	139	150	110	100	80	40	167	75	92	DN40/PN10	9,3	42
B 80/250.40 T	250	125	125	_	204	65	139	150	110	100	80	40	167	75	92	DN40/PN10	9,3	42
B 110/250.40 M	250	125	125	_	256	70	186	150	110	100	80	40	172	75	97	DN40/PN10	9,2	42
B 110/250.40 T	250	125	125	_	256	70	186	150	110	100	80	40	168	75	93	DN40/PN10	9,3	42

MODEL	L	L1	L2	A	B	B1	B2	D	D1	D2	D3	D4	H	H1	H2	F	WEIGHT KG	Q.TY x PALLET
D 50/250.40 M	250	125	125	_	204	65	139	150	110	100	80	40	247	122	126	DN40/PN10	15,3	24
D 50/250.40 T	250	125	125	_	204	65	139	150	110	100	80	40	247	122	126	DN40/PN10	15,8	24
D 56/250.40 M	250	125	125	_	204	65	139	150	110	100	80	40	247	122	126	DN40/PN10	15,8	24
D 56/250.40 T	250	125	125	_	204	65	139	150	110	100	80	40	247	122	126	DN40/PN10	15,4	24
D 80/250.40 M	250	125	125	_	204	65	139	150	110	100	80	40	247	122	126	DN40/PN10	15,8	24
D 80/250.40 T	250	125	125	_	204	65	139	150	110	100	80	40	247	122	126	DN40/PN10	15,8	24
D 110/250.40 M	250	122	128	_	231	70	161	150	110	100	80	40	302	149	154	DN40/PN10	16	24
D 110/250.40 T	250	122	128	_	231	70	161	150	110	100	80	40	302	149	154	DN40/PN10	15,8	24

BPH - BMH - DPH - DMH

WET ROTOR CIRCULATORS

ONLY FOR EXTRA EU MARKETS



BPH



DPH

HEATING AND AIR CONDITIONING SYSTEMS

Pump for circulating hot water in small closed and pressurised or open tank civil and industrial community heating systems. Cast iron body and wet rotor motor. Die-cast aluminium motor casing.Flanged inlet and delivery mouths, fitted with threaded unions for pressure gauges. Technopolymer impeller, tempered stainless steel driving shaft. Stainless steel protective rotor sleeve and stator sleeve. Four pole asynchronous motor for the BMH and DMH versions, two pole motor for the BPH and DPH versions. The Single-phase circulator has been designed to work at three speeds - 230V, while the Three-phase circulator has been designed to work at two speeds - 230 V and at three speeds - 400 V. Thermal overload protection incorporated in the single-phase version. For the three-phase version the motor must be connected to the power supply through an external contactor. An automatic clapet type valve is incorporated into the delivery mouth of the twin version in order to prevent water from recirculating while the unit is not working; a blank flange is also supplied standard if one of the two motors must be serviced.

Protection level: IP 44 three-phase - IP42 single-phase
Operating range: from 1.5 to 78 m³/h with head up to 18 metres.
Liquid temperature range: for three-phase version: from -10°C to +120°C (for the models BPH-DPH 150/340.65 T and BPH-DPH 150/360.80 T; BPH-DPH 150-180/280.50 T; BPH-DPH 180/340.65T; BPH-DPH 180/360.80T: from -10°C to +110°C).
For single-phase version: from -10°C to +110°C.
Characteristics of pumped liquid: clean, free from solids and mineral oils, non viscous, chemically neutral, close to the characteristics of water (max. glycol 30%).
Maximum operating pressure: 10 bar (1000 kPa).
Standard flanging: DN 40, DN 50, DN 65, DN 80 in PN 6/PN 10 (4 holes)
Flanging on request: DN 80 in PN 10/PN 16 (8 holes)
Installation: with MOTOR AXIS HORIZONTAL
Cable grommet: PG 11

Only for extra EU markets. Please contact our sales network for more information

TECHNICAL DATA - *SINGLE WITH OVAL FLANGES*

BMH 1400 1/min.
BPH 2800 1/min.

MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	ELECTRICAL DATA					HYDRAULIC DATA														MINIMUM HEAD PRESSURE				
				VOLTAGE 50 Hz	SPEED	n.r.p.m.	P1 MAX W	In A	Q m³/h l/min	0 0	1,8 30	2,4 40	3 50	4,2 70	5,4 90	7,2 120	9,6 160	12 200	14,4 240	18 300	24 400	30 500					
BMH 30/250.40T	505900622	250	DN 40	3 x 230 V ~	2 1	1340 1260	100 88	0,48 0,39	H (m)	3,3	3,1	2,95	2,85	2,5	2,1	1,15							t°	75°C	90°C	110°C	120°C
				3 x 400 V ~	3 2 1	1440 1430 1260	192 155 88	0,78 0,58 0,23															m.t.	0,9	4	–	18
BPH 60/250.40M	505904002	250	DN 40	1x230 V ~	3 2 1	2830 2750 2410	316 309 292	1,43 1,53 1,51		7,2	6,8	6,7	6,5	6,2	5,8	5	3,7	2					t°	75°C	90°C	110°C	120°C
																							m.t.	1,6	4	14	-
BPH 60/250.40T	505904622	250	DN 40	3 x 230 V ~	2 1	2570 2420	253 229	0,81 0,72		7,65	7,4	7,3	7,2	6,8	6,4	5,45	3,9	2,25					t°	75°C	90°C	110°C	120°C
				3 x 400 V ~	3 2 1	2850 2810 2430	348 316 232	0,99 0,75 0,72															m.t.	1,6	4	-	19
BPH 120/250.40M	505907002	250	DN 40	1x230 V ~	3 2 1	2650 2320 1520	510 498 376	2,24 2,35 1,96		11	10,3	10,1	9,8	9,2	8,6	7,65	6,2	4,35	2,4				t°	75°C	90°C	110°C	120°C
																							m.t.	6	9	18	-
BPH 120/250.40T	505907622	250	DN 40	3 x 230 V ~	2 1	2300 2070	395 340	1,2 1,07		12		11	10,7	10,1	9,5	8,4	6,8	4,7	2,2				t°	75°C	90°C	110°C	120°C
				3 x 400 V ~	3 2 1	2780 2710 2080	536 499 339	1,16 0,98 0,62															m.t.	6	9	–	23
BMH 30/280.50T	505920622	280	DN 50	3 x 230 V ~	2 1	1390 1340	148 134	0,7 0,55		3,15		3,02	3	2,93	2,85	2,65	2,3	1,75	1,2				t°	75°C	90°C	110°C	120°C
				3 x 400 V ~	3 2 1	1460 1450 1350	255 216 131	1,12 0,83 0,32															m.t.	0,9	4	–	18
BMH 60/280.50T	505923622	280	DN 50	3 x 230 V ~	2 1	1210 1120	272 240	0,94 0,8		5,83		5,65	5,6	5,49	5,35	5,1	4,75	4,2	3,65	2,62			t°	75°C	90°C	110°C	120°C
				3 x 400 V ~	3 2 1	1400 1360 1130	410 367 235	1,2 095 0,46															m.t.	4	7,5	–	21
BPH 60/280.50M	505924002	280	DN 50	1x230 V ~	3 2 1	2840 2730 2200	595 540 506	2,79 2,45 2,58		7,65	7,5	7,45	7,4	7,3	7,2	6,98	6,7	6,2	5,75	4,6	2,3		t°	75°C	90°C	110°C	120°C
																							m.t.	1,6	6	14	-
BPH 60/280.50T	505924622	280	DN 50	3 x 230 V ~	2 1	2670 2570	464 432	1,35 1,23		7,95		7,75	7,7	7,6	7,5	7,35	6,92	6,45	5,85	4,65	2,4		t°	75°C	90°C	110°C	120°C
				3 x 400 V ~	3 2 1	2890 2860 2570	589 546 423	1,31 0,1 0,71															m.t.	1,6	6	–	19
BPH 120/280.50M	505927002	280	DN 50	1x230 V ~	3 2 1	2690 2360 1340	870 800 590	3,97 3,69 3,12		11,3				10,8	10,5	10,3	9,9	9,4	8,5	7,2	4,8	2,1	t°	75°C	90°C	110°C	120°C
																							m.t.	2	5	–	20

The electric data refer to one motor.

TECHNICAL DATA - *SINGLE WITH OVAL FLANGES*

MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	ELECTRICAL DATA					HYDRAULIC DATA															MINIMUM HEAD PRESSURE				
				VOLTAGE 50 Hz	SPEED	n.r.p.m.	P1 MAX W	In A	Q m³/h l/min	0	4,2	5,4	7,2	9,6	12	14,4	18	24	30	36	42	54	72					
										0	70	90	120	160	200	240	300	400	500	600	700	900	1200					
BPH 120/280.50T	**505927622**	280	DN 50	3x230 V ~	2	2430	683	1,95	H (m)	11,7	11,3	11	10,75	10,25	9,6	8,9	7,75	5,4	2,6					t°	75°C	90°C	110°C	120°C
					1	2240	605	1,75																m.t.	2	5	–	20
				3x400 V ~	3	2810	898	1,67																				
					2	2740	840	1,47																				
					1	2260	603	1																				
BPH 150/280.50T	**505928622**	280	DN 50	3x230 V ~	2	2553	1130	3,22		15	14,6	14,4	14	13,6	12,7	11,8	10,5	7,5						t°	75°C	90°C	110°C	120°C
					1	2420	1032	3																m.t.	2	5	–	20
				3x400 V ~	3	2850	1470	2,9																				
					2	2802	1360	2,5																				
					1	2425	1030	1,7																				
BPH 180/280.50T	**505929622**	280	DN 50	3x230 V ~	2	2520	1230	3,5		18,4			17,4	17	16,4	15,6	14,4	12	8,8	5,2				t°	75°C	90°C	110°C	120°C
					1	2340	1120	3,2																m.t.	2	5	–	20
				3x400 V ~	3	2830	1630	3																				
					2	2780	1540	2,70																				
					1	2360	1130	1,85																				
BMH 30/340.65T	**505940622**	340	DN65	3x230 V ~	2	1360	170	0,73		3,15	3,09	3,02	2,98	2,85	2,55	2,25	1,65							t°	75°C	90°C	110°C	120°C
					1	1310	154	0,60																m.t.	4	7,5	–	21
				3x400 V ~	3	1450	270	1,12																				
					2	1430	233	0,84																				
					1	1310	150	0,35																				
BMH 60/340.65T	**505943622**	340	DN65	3x230 V ~	2	1170	295	1		5,4	5,15	5,05	4,9	4,7	4,45	4,1	3,45	2,25						t°	75°C	90°C	110°C	120°C
					1	1070	257	0,85																m.t.	4	7,5	–	21
				3x400 V ~	3	1380	445	1,2																				
					2	1350	403	0,97																				
					1	1090	255	0,49																				
BPH 60/340.65M	**505944002**	340	DN65	1x230 V ~	3	2780	735	3,37		6,8	6,6	6,57	6,5	6,35	6,2	5,95	5,5	4,35	2,85	1,2				t°	75°C	90°C	110°C	120°C
					2	2580	685	3,13																m.t.	1	4	13	-
					1	1460	564	3,12																				
BPH 60/340.65T	**505944622**	340	DN65	3x230 V ~	2	2550	582	1,67		7,4	7,35	7,3	7,24	7,1	6,9	6,65	6,15	4,9	3,3	1,4				t°	75°C	90°C	110°C	120°C
					1	2380	532	1,53																m.t.	1	4	-	18
				3x400 V ~	3	2850	756	1,5																				
					2	2800	705	1,3																				
					1	2400	535	0,9																				
BPH 120/340.65T	**505947622**	340	DN65	3x230 V ~	2	2630	1001	2,85		10,9	10,75	10,68	10,6	10,5	10,38	10,2	9,8	8,7	7,15	5,2	3			t°	75°C	90°C	110°C	120°C
					1	2500	940	2,66																m.t.	6	9	–	22
				3x400 V ~	3	2880	1275	2,64																				
					2	2830	1200	2,25																				
					1	2520	934	1,52																				
BPH 150/340.65T	**505948622**	340	DN65	3x230 V ~	2	2410	1345	3,8		14,9	14,88	14,83	14,75	14,65	14,55	14,3	13,88	12,65	11	9,35	7,15			t°	75°C	90°C	110°C	120°C
					1	2250	1188	3,36																m.t.	7	11	18	-
				3x400 V ~	3	2800	1796	3,25																				
					2	2730	1690	2,93																				
					1	2250	1210	2																				
BPH 180/340.65T	**505949622**	340	DN65	3x230 V ~	2	2330	1730	4,85		17,9			17,8	17,7	17,5	17,3	16,8	15,7	14,1	12,1	10			t°	75°C	90°C	110°C	120°C
					1	2100	1570	4,5																m.t.	7	11	18	-
				3x400 V ~	3	2760	2760	4,2																				
					2	2680	2330	3,8																				
					1	2150	1560	2,5																				
BMH 30/360.80T	**505960122**	360	DN80	3x230 V ~	2	1100	313	1,05		3,9			3,85	3,8	3,75	3,65	3,48	3,1	2,45	1,75				t°	75°C	90°C	110°C	120°C
					1	1010	268	0,88																m.t.	4	7,5	-	21
				3x400 V ~	3	1370	484	1,23																				
					2	1330	437	1																				
					1	1030	266	0,51																				
BMH 60/360.80T	**505963122**	360	DN80	3x230 V ~	2	1180	535	1,82		5,7			5,66	5,61	5,59	5,5	5,4	5	4,55	3,9	3,1			t°	75°C	90°C	110°C	120°C
					1	1100	465	1,55																m.t.	2	5	–	20
				3x400 V ~	3	1390	763	2,04																				
					2	1350	663	1,65																				
					1	1100	465	0,89																				
BPH 120/360.80T	**505967122**	360	DN80	3x230 V ~	2	2500	1410	3,95		11,8			11,65	11,58	11,5	11,4	11,25	10,75	10,2	9,39	8,37	5,65		t°	75°C	90°C	110°C	120°C
					1	2340	1292	3,6																m.t.	6	10	–	22
				3x400 V ~	3	2830	1820	3,3																				
					2	2780	1710	2,93																				
					1	2350	1302	2,13																				
BPH 150/360.80T *	**505968122**	360	DN80	3x230 V ~	2	2140	1984	5,62		15,3			15,1	15,06	14,99	14,92	14,75	14,5	14	13,4	12,4	10,3	6	t°	75°C	90°C	110°C	120°C
					1	1900	1695	4,82																m.t.	7	11	18	-
				3x400 V ~	3	2710	2870	4,64																				
					2	2610	2686	4,32																				
					1	1940	1710	2,85																				
BPH 180/360.80T	**505969122**	360	DN80	3x230 V ~	2	2380	1670	4,7		17,5			17,4	17,25	17,1	16,8	16,25	15	13,7	12	10,1	5,5		t°	75°C	90°C	110°C	120°C
					1	2170	1490	4,25																m.t.	7	11	18	-
				3x400 V ~	3	2780	2310	4																				
					2	2700	2210	3,5																				
					1	2200	1490	2,4																				

The electric data refer to one motor.

*** model available for all markets**

TECHNICAL DATA - *TWIN WITH OVAL FLANGES*

DMH 1400 1/min.
DPH 2800 1/min.

MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	ELECTRICAL DATA					HYDRAULIC DATA															MINIMUM HEAD PRESSURE				
				VOLTAGE 50 Hz	SPEED	n.r.p.m.	P1 MAX W	In A	Q m³/h l/min	0 0	1,8 30	2,4 40	3 50	4,2 70	5,4 90	7,2 120	9,6 160	12 200	14,4 240	18 300	24 400	30 500	36 600					
DMH 30/250.40 T	505910622	250	DN 40	3 x 230 V ~	2 1	1340 1260	100 88	0,48 0,39	H (m)	3,3	3,1	2,95	2,85	2,5	2,1	1,15							t° 75°C m.t. 0,9	90°C 4	110°C –	120°C 18	
				3 x 400 V ~	3 2 1	1440 1430 1260	192 155 88	0,78 0,58 0,23																				
DPH 60/250.40 M	505914002	250	DN 40	1x230 V ~	3 2 1	2830 2750 2410	316 309 292	1,43 1,53 1,51		7,2	6,8	6,7	6,5	6,2	5,8	5	3,7	2					t° 75°C m.t. 1,6	90°C 4	110°C 14	120°C -	
DPH 60/250.40 T	505914622	250	DN 40	3 x 230 V ~	2 1	2570 2420	253 229	0,81 0,72		7,65	7,4	7,3	7,2	6,8	6,4	5,45	3,9	2,25					t° 75°C m.t. 1,6	90°C 4	110°C -	120°C 19	
				3 x 400 V ~	3 2 1	2850 2810 2430	348 316 232	0,99 0,75 0,72																				
DPH 120/250.40 M	505917002	250	DN 40	1x230 V ~	3 2 1	2650 2320 1520	510 498 376	2,24 2,35 1,96		11	10,3	10,1	9,8	9,2	8,6	7,65	6,2	4,35	2,4				t° 75°C m.t. 6	90°C 9	110°C 18	120°C -	
DPH 120/250.40 T	505917622	250	DN 40	3 x 230 V ~	2 1	2300 2070	395 340	1,2 1,07		12		11	10,7	10,1	9,5	8,4	6,8	4,7	2,2				t° 75°C m.t. 6	90°C 9	110°C –	120°C 23	
				3 x 400 V ~	3 2 1	2780 2710 2080	536 499 339	1,16 0,98 0,62																				
DMH 30/280.50 T	505930622	280	DN 50	3 x 230 V ~	2 1	1390 1340	148 134	0,7 0,55		3,15		3,02	3	2,93	2,85	2,65	2,3	1,75	1,2				t° 75°C m.t. 0,9	90°C 4	110°C –	120°C 18	
				3 x 400 V ~	3 2 1	1460 1450 1350	255 216 131	1,12 0,83 0,32																				
DMH 60/280.50 T	505933622	280	DN 50	3 x 230 V ~	2 1	1210 1120	272 240	0,94 0,8		5,83		5,65	5,6	5,49	5,35	5,1	4,75	4,2	3,65	2,62			t° 75°C m.t. 4	90°C 7,5	110°C –	120°C 21	
				3 x 400 V ~	3 2 1	1400 1360 1130	410 367 235	1,2 095 0,46																				
DPH 60/280.50 M	505934002	280	DN 50	1x230 V ~	3 2 1	2840 2730 2200	595 540 506	2,79 2,45 2,58		7,65	7,5	7,45	7,4	7,3	7,2	6,98	6,7	6,2	5,75	4,6	2,3		t° 75°C m.t. 1,6	90°C 6	110°C 14	120°C -	
DPH 60/280.50 T	505934622	280	DN 50	3 x 230 V ~	2 1	2670 2570	464 432	1,35 1,23		7,95		7,75	7,7	7,6	7,5	7,35	6,92	6,45	5,85	4,65	2,4		t° 75°C m.t. 1,6	90°C 6	110°C –	120°C 19	
				3 x 400 V ~	3 2 1	2890 2860 2570	589 546 423	1,31 0,1 0,71																				
DPH 120/280.50 M	505937002	280	DN 50	1x230 V ~	3 2 1	2690 2360 1340	870 800 590	3,97 3,69 3,12		11,3				10,8	10,5	10,3	9,9	9,4	8,5	7,2	4,8	2,1	t° 75°C m.t. 2	90°C 5	110°C –	120°C 20	
DPH 120/280.50 T	505937622	280	DN 50	3x230 V ~	2 1	2430 2240	683 605	1,95 1,75		11,7				11,3	11	10,8	10,3	9,6	8,9	7,75	5,4	2,6	t° 75°C m.t. 2	90°C 5	110°C –	120°C 20	
				3x400 V ~	3 2 1	2810 2740 2260	898 840 603	1,67 1,47 1																				
DPH 150/280.50T	505938622	280	DN 50	3x230 V ~	2 1	2553 2420	1130 1032	3,22 3		15				14,6	14,4	14	13,6	12,7	11,8	10,5	7,5		t° 75°C m.t. 2	90°C 5	110°C –	120°C 20	
				3x400 V ~	3 2 1	2850 2802 2425	1470 1360 1030	2,9 2,5 1,7																				
DPH 180/280.50T	505939622	280	DN 50	3x230 V ~	2 1	2520 2340	1230 1120	3,5 3,2		18,4						17,4	17	16,4	15,6	14,4	12	8,8	5,2	t° 75°C m.t. 2	90°C 5	110°C –	120°C 20	
				3x400 V ~	3 2 1	2830 2780 2360	1630 1540 1130	3 2,70 1,85																				
DMH 30/340.65 T	505950622	340	DN65	3x230 V ~	2 1	1360 1310	170 154	0,73 0,60		3,15				3,09	3,02	2,98	2,85	2,55	2,25	1,65			t° 75°C m.t. 4	90°C 7,5	110°C –	120°C 21	
				3x400 V ~	3 2 1	1450 1430 1310	270 233 150	1,12 0,84 0,35																				
DMH 60/340.65 T	505953622	340	DN65	3x230 V ~	2 1	1170 1070	295 257	1 0,85		5,4				5,15	5,05	4,9	4,7	4,45	4,1	3,45	2,25		t° 75°C m.t. 4	90°C 7,5	110°C –	120°C 21	
				3x400 V ~	3 2 1	1380 1350 1090	445 403 255	1,2 0,97 0,49																				
DPH 60/340.65 M	505954002	340	DN65	1x230 V ~	3 2 1	2780 2580 1460	735 685 564	3,37 3,13 3,12		6,8	6,79	6,75	6,7	6,6	6,57	6,5	6,35	6,2	5,95	5,5	4,35	2,85	1,2	t° 75°C m.t. 1	90°C 4	110°C 13	120°C -	
DPH 60/340.65 T	505954622	340	DN65	3x230 V ~	2 1	2550 1380	582 532	1,67 1,53		7,4				7,35	7,3	7,24	7,1	6,9	6,65	6,15	4,9	3,3	1,4	t° 75°C m.t. 1	90°C 4	110°C –	120°C 18	
				3x400 V ~	3 2 1	2850 2800 2400	756 705 535	1,5 1,3 0,9																				

The electric data refer to one motor.

DAB PUMPS reserves the right to make modifications without notice

TECHNICAL DATA - *TWIN WITH OVAL FLANGES*

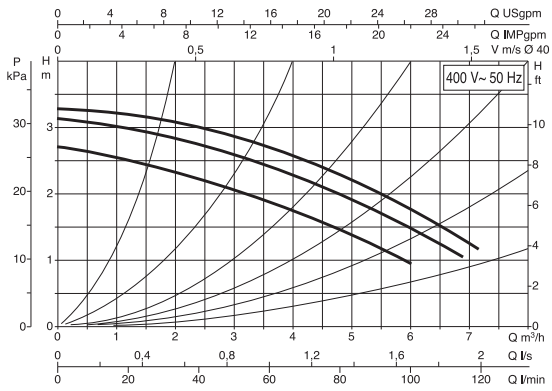
DMH 1400 1/min.
DPH 2800 1/min.

MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	ELECTRICAL DATA					HYDRAULIC DATA															MINIMUM HEAD PRESSURE				
				VOLTAGE 50 Hz	SPEED	n.r.p.m.	P1 MAX W	In A	Q m³/h	0	4,2	5,4	7,2	9,6	12	14,4	18	24	30	36	42	54	72					
									l/min	0	70	90	120	160	200	240	300	400	500	600	700	900	1200					
DPH 120/340.65 T	505957622	340	DN65	3x230 V ~	2 1	2630 2500	1001 940	2,85 2,66		10,9	10,75	10,68	10,6	10,5	10,38	10,2	9,8	8,7	7,15	5,2	3			t°	75°C	90°C	110°C	120°C
				3x400 V ~	3 2 1	2880 2830 2520	1275 1200 934	2,64 2,25 1,52																m.t.	6	9	–	22
DPH 150/340.65 T	505958622	340	DN65	3x230 V ~	2 1	2410 2250	1345 1188	3,8 3,36		14,9	14,88	14,83	14,75	14,65	14,55	14,3	13,88	12,65	11	9,35	7,15			t°	75°C	90°C	110°C	120°C
				3x400 V ~	3 2 1	2800 2730 2250	1796 1690 1210	3,25 2,93 2																m.t.	7	11	18	-
DPH 180/340.65T	505959622	340	DN65	3x230 V ~	2 1	2330 2100	1730 1570	4,85 4,5		17,9			17,8	17,7	17,5	17,3	16,8	15,7	14,1	12,1	10			t°	75°C	90°C	110°C	120°C
				3x400 V ~	3 2 1	2760 2680 2150	2760 2330 1560	4,2 3,8 2,5																m.t.	7	11	18	-
DMH 30/360.80 T	505970122	360	DN80	3x230 V ~	2 1	1100 1010	313 268	1,05 0,88		3,9			3,85	3,8	3,75	3,65	3,48	3,1	2,45	1,75				t°	75°C	90°C	110°C	120°C
				3x400 V ~	3 2 1	1370 1330 1030	484 437 266	1,23 1 0,51	H															m.t.	4	7,5	-	21
DMH 60/360.80 T	505973122	360	DN80	3x230 V ~	2 1	1180 1100	535 465	1,82 1,55	(m)	5,7			5,66	5,61	5,59	5,5	5,4	5	4,55	3,9	3,1			t°	75°C	90°C	110°C	120°C
				3x400 V ~	3 2 1	1390 1350 1100	763 663 465	2,04 1,65 0,89																m.t.	2	5	–	20
DPH 120/360.80 T	505977122	360	DN80	3x230 V ~	2 1	2500 2340	1410 1292	3,95 3,6		11,8			11,65	11,58	11,5	11,4	11,25	10,75	10,2	9,39	8,37	5,65		t°	75°C	90°C	110°C	120°C
				3x400 V ~	3 2 1	2830 2780 2350	1820 1710 1302	3,3 2,93 2,13																m.t.	6	10	–	22
DPH 150/360.80 T *	505978122	360	DN80	3x230 V ~	2 1	2140 1900	1984 1695	5,62 4,82		15,3			15,1	15,06	14,99	14,92	14,75	14,5	14	13,4	12,4	10,3	6	t°	75°C	90°C	110°C	120°C
				3x400 V ~	3 2 1	2710 2610 1940	2870 2686 1710	4,64 4,32 2,85																m.t.	7	11	18	-
DPH 180/360.80T	505979122	360	DN80	3x230 V ~	2 1	2380 2170	1670 1490	4,7 4,25		17,5			17,4	17,25	17,1	16,8	16,25	15	13,7	12	10,1	5,5		t°	75°C	90°C	110°C	120°C
				3x400 V ~	3 2 1	2780 2700 2200	2310 2210 1490	4 3,5 2,4																m.t.	7	11	18	-

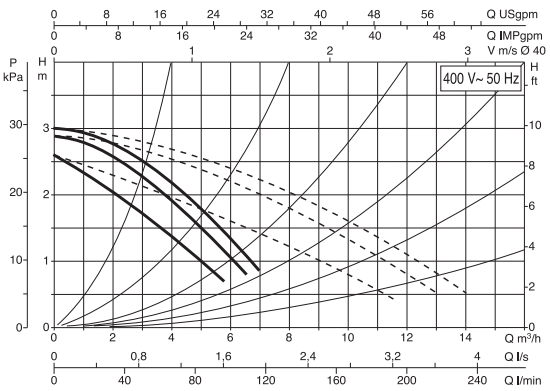
*** model available for all markets**

380 V~ - 400 V~

BMH 30/250.40 T



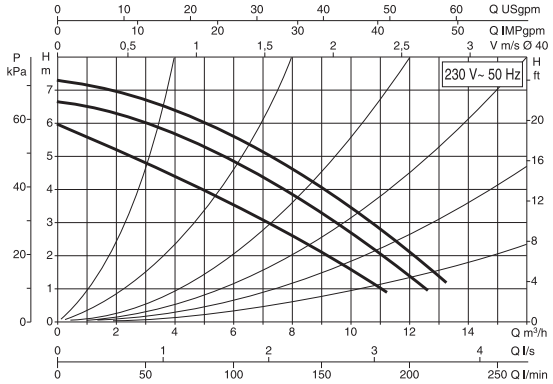
DMH 30/250.40 T



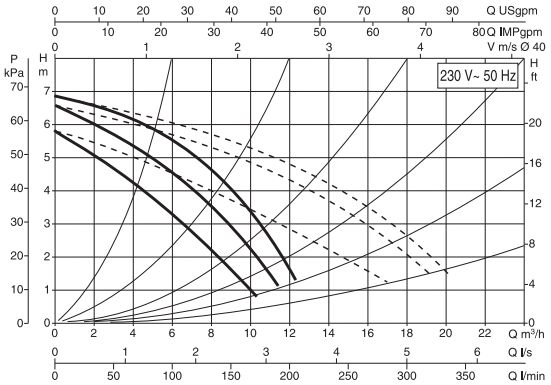
The Hydraulic values refer to one motor

380 V~ - 400 V~

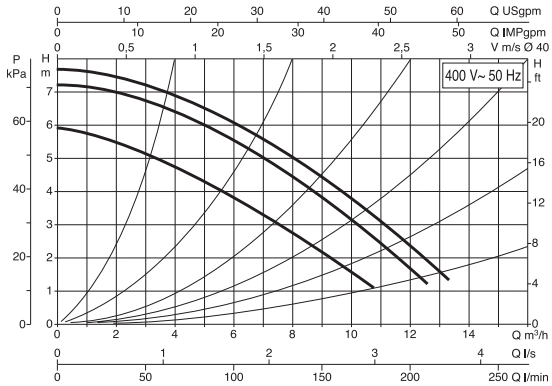
BPH 60/250.40 M



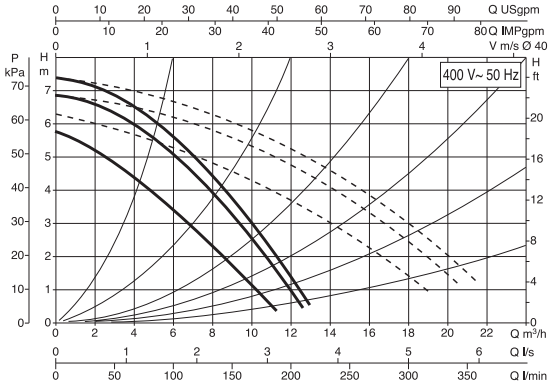
DPH 60/250.40 M



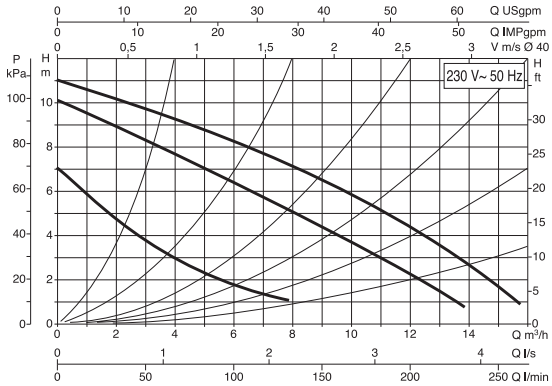
BPH 60/250.40 T



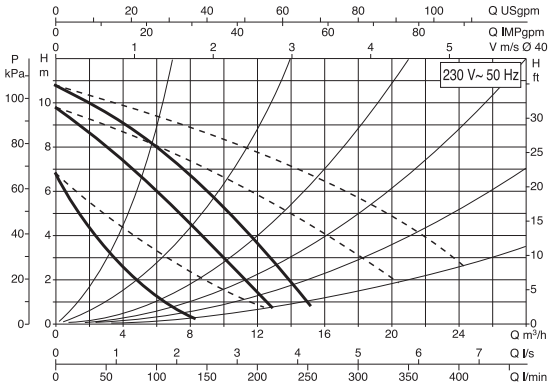
DPH 60/250.40 T



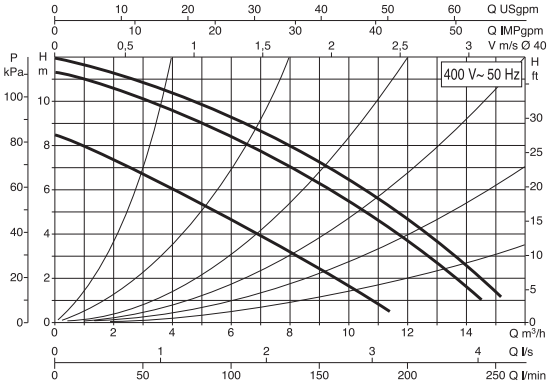
BPH 120/250.40 M



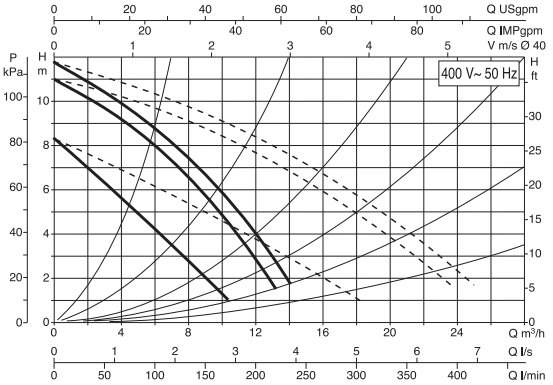
DPH 120/250.40 M



BPH 120/250.40 T



DPH 120/250.40 T



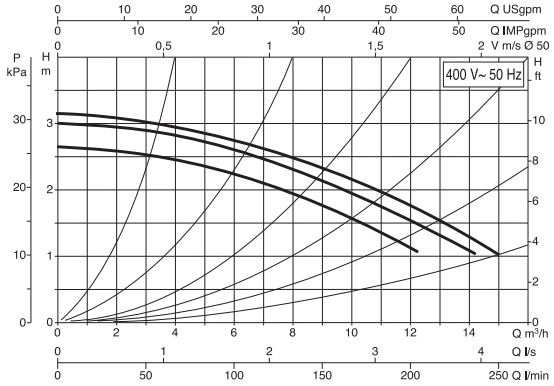
The Hydraulic values refer to one motor

BPH - BMH - DPH - DMH

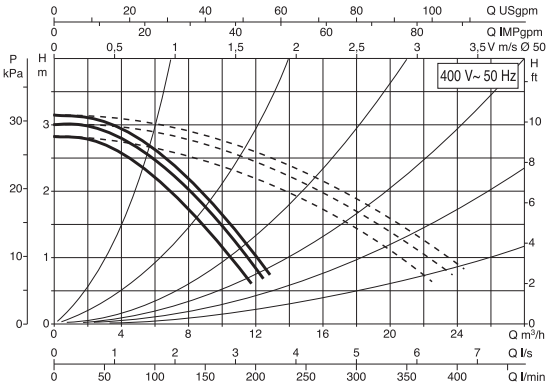
WET ROTOR CIRCULATORS

380 V~ - 400 V~

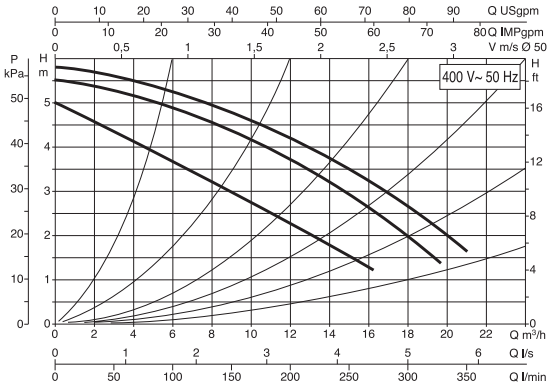
BMH 30/280.50 T



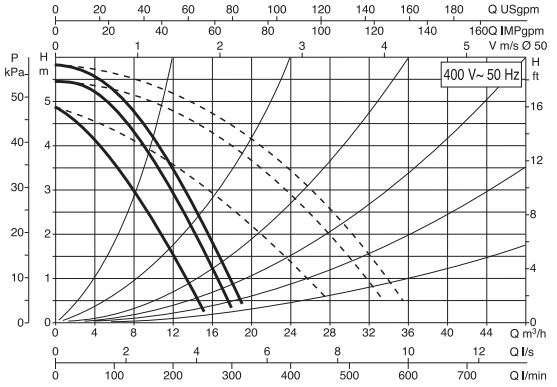
DMH 30/280.50 T



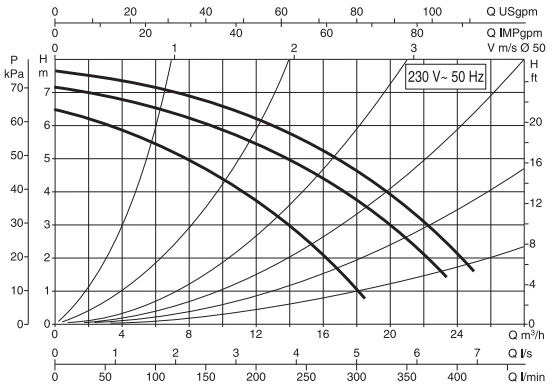
BMH 60/280.50 T



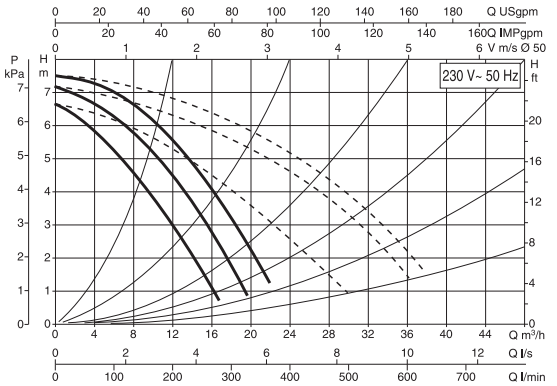
DMH 60/280.50 T



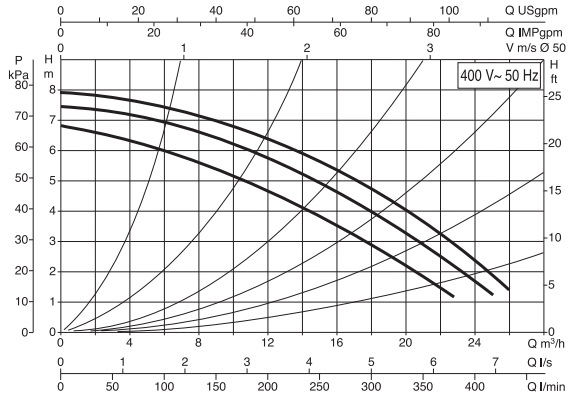
BPH 60/280.50 M



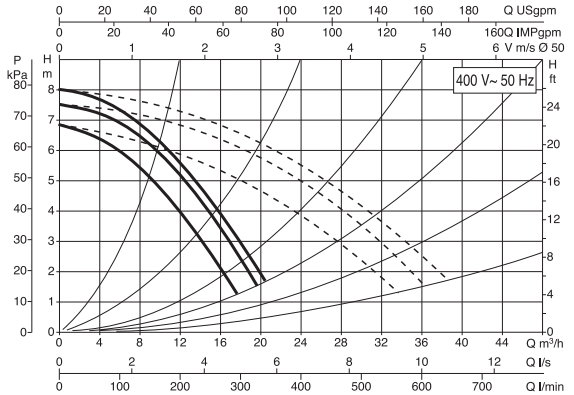
DPH 60/280.50 M



BPH 60/280.50 T



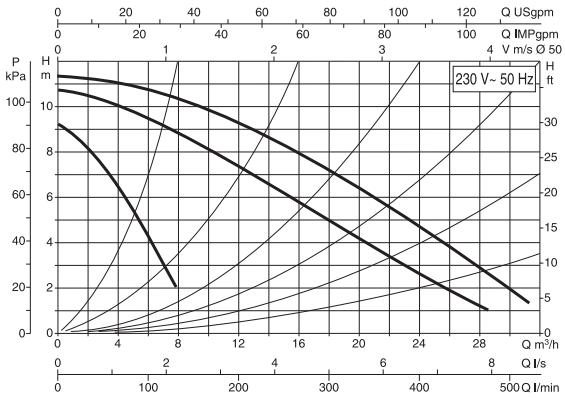
DPH 60/280.50 T



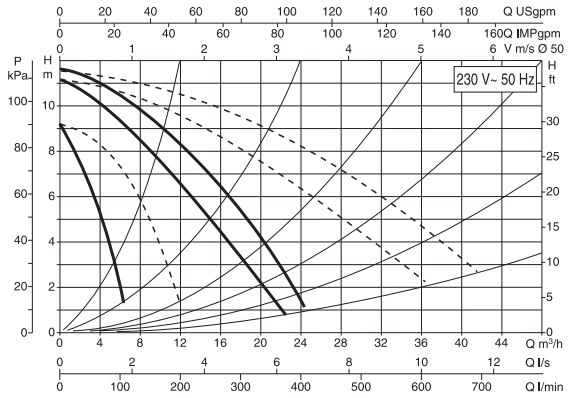
The Hydraulic values refer to one motor

380 V~ - 400 V~

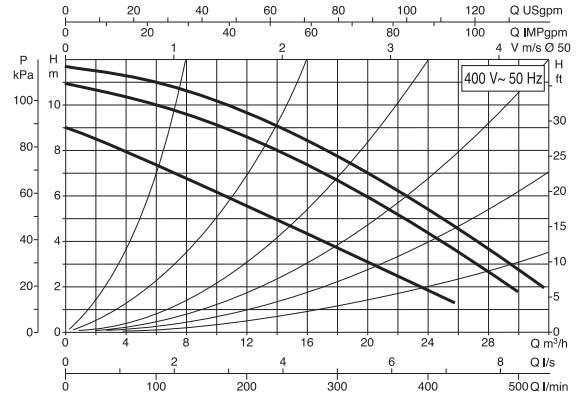
BPH 120/280.50 M



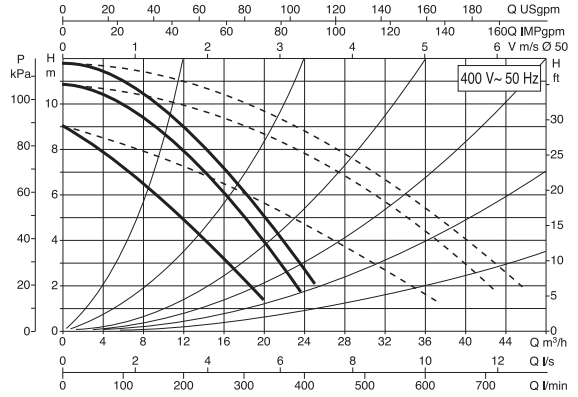
DPH 120/280.50 M



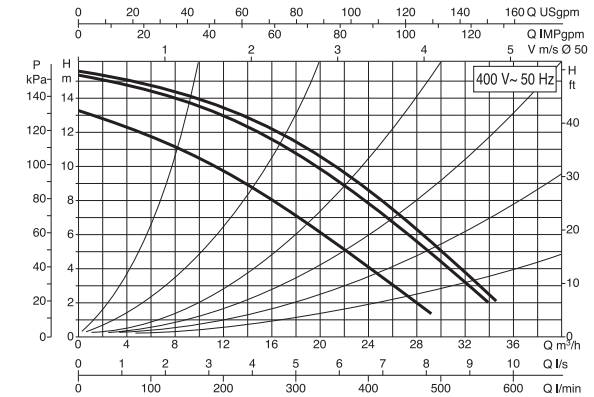
BPH 120/280.50 T



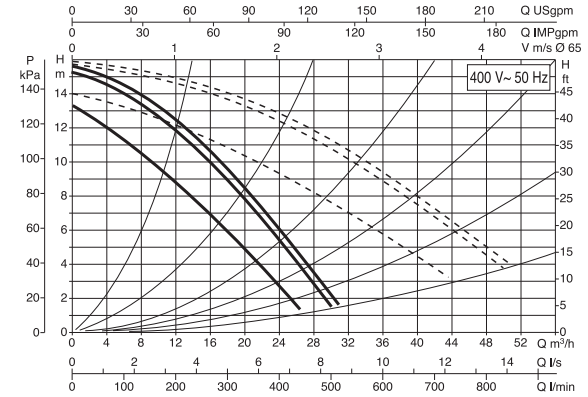
DPH 120/280.50 T



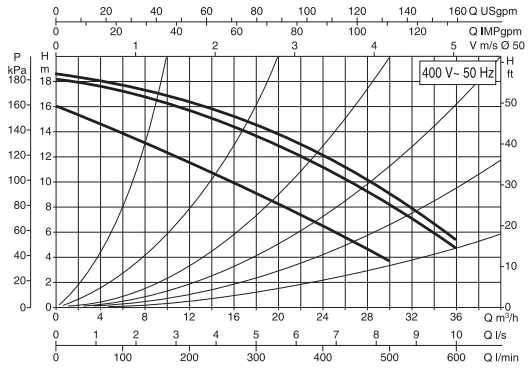
BPH 150/280.50 T



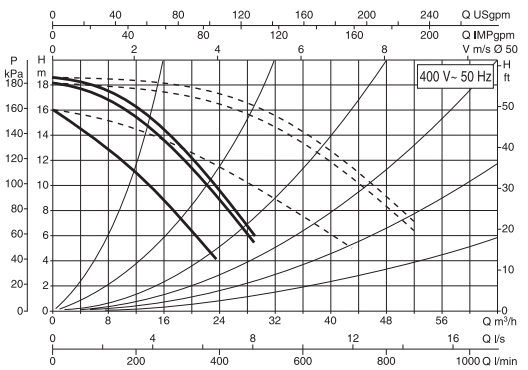
DPH 150/280.50 T



BPH 180/280.50 T



DPH 180/280.50 T



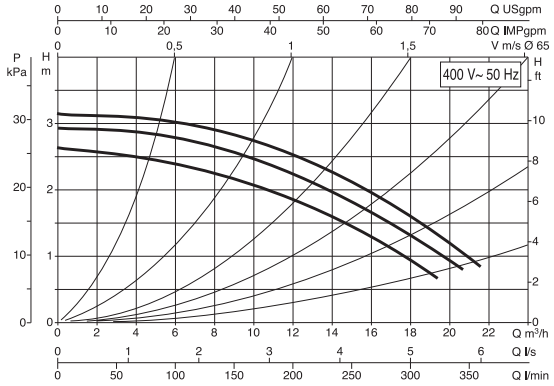
The Hydraulic values refer to one motor

BPH - BMH - DPH - DMH

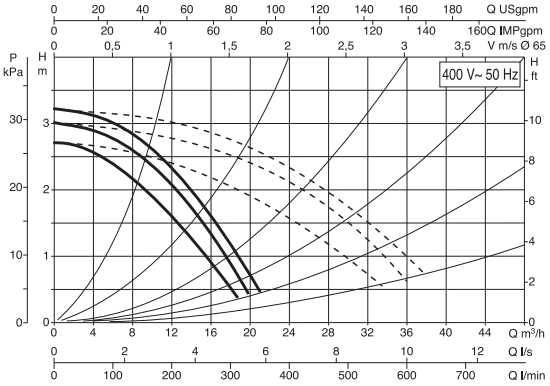
WET ROTOR CIRCULATORS

380 V~ - 400 V~

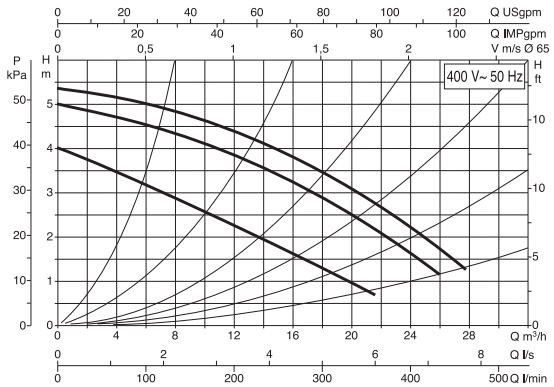
BMH 30/340.65 T



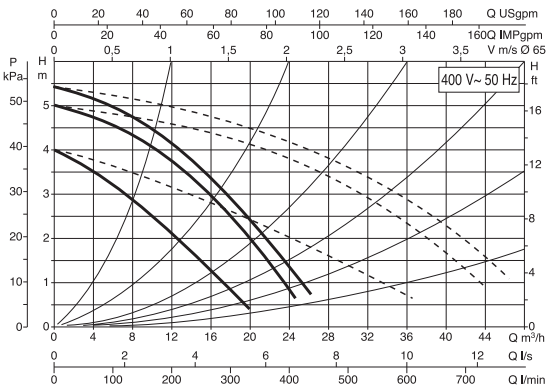
DMH 30/340.65 T



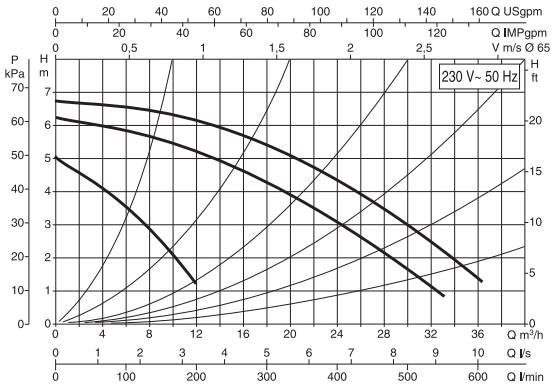
BMH 60/340.65 T



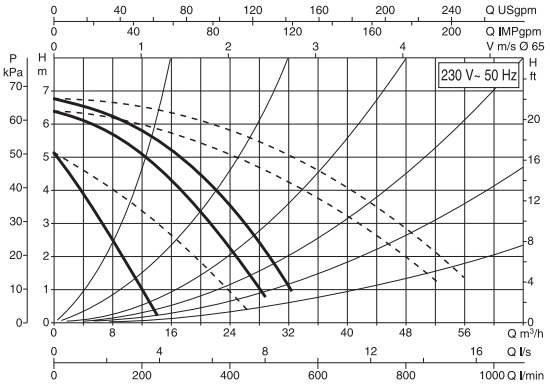
DMH 60/340.65 T



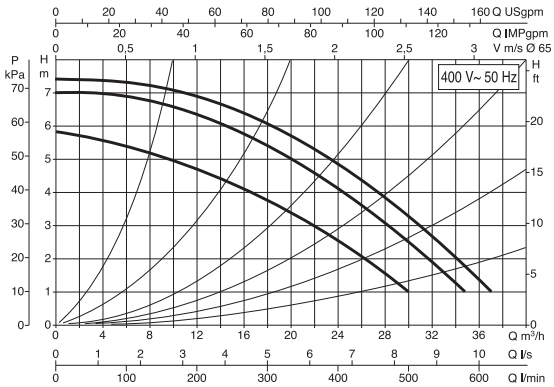
BPH 60/340.65 M



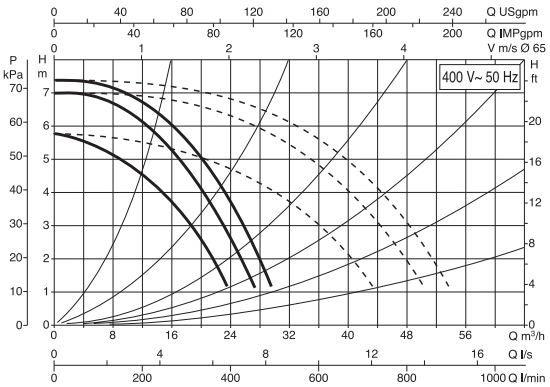
DPH 60/340.65 M



BPH 60/340.65 T



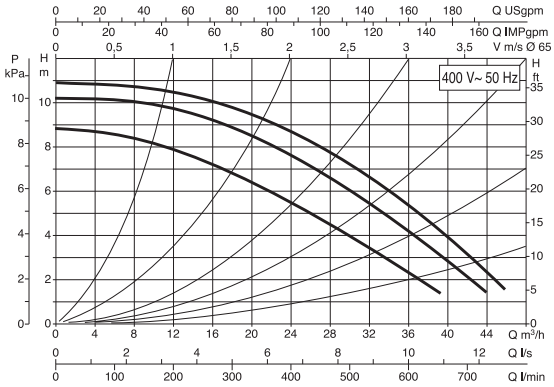
DPH 60/340.65 T



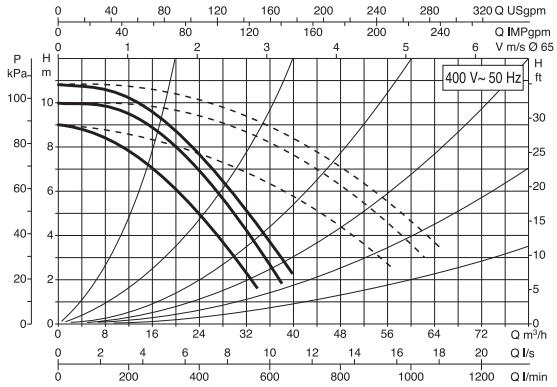
The Hydraulic values refer to one motor

380 V~ - 400 V~

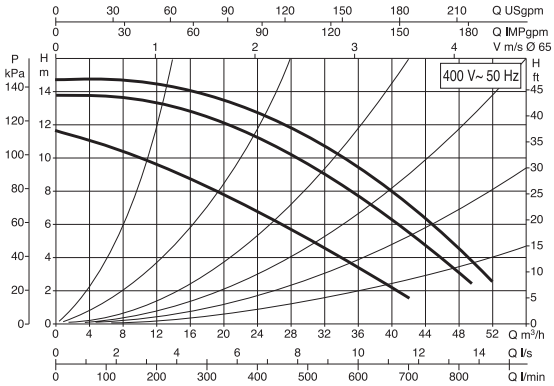
BPH 120/340.65 T



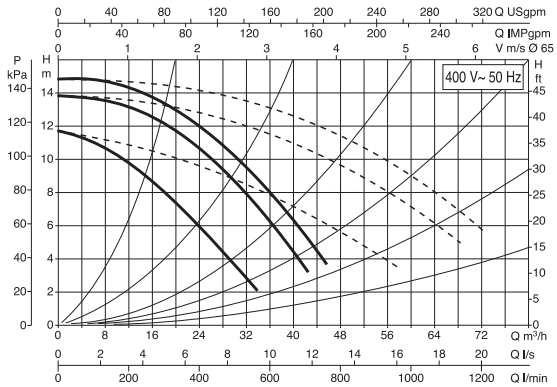
DPH 120/340.65 T



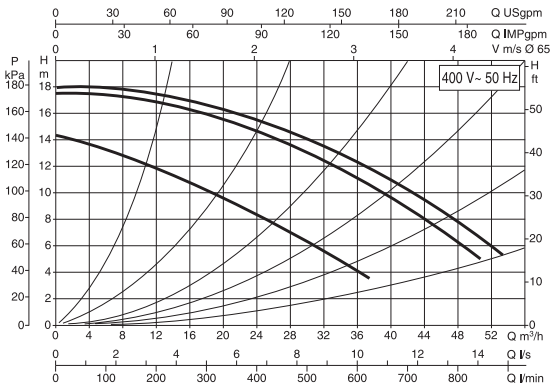
BPH 150/340.65 T



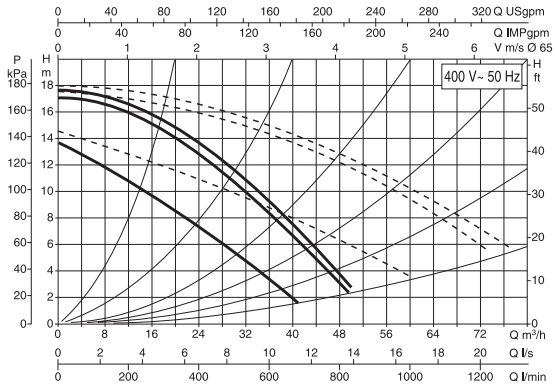
DPH 150/340.65 T



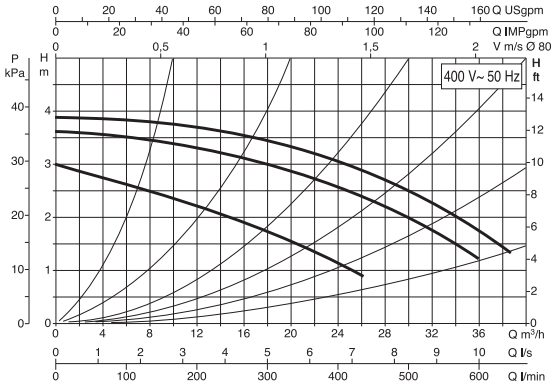
BPH 180/340.65 T



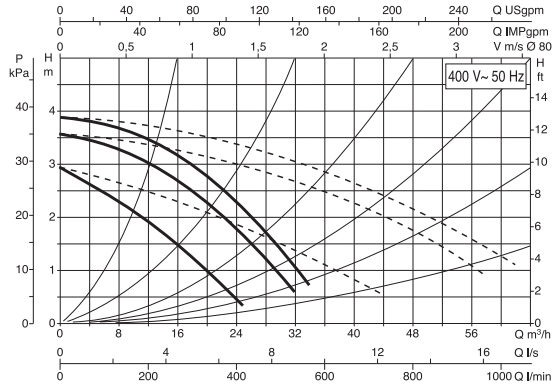
DPH 180/340.65 T



BMH 30/360.80 T



DMH 30/360.80 T



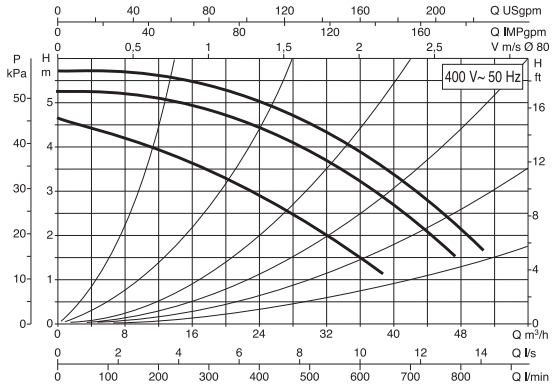
The Hydraulic values refer to one motor

BPH - BMH - DPH - DMH

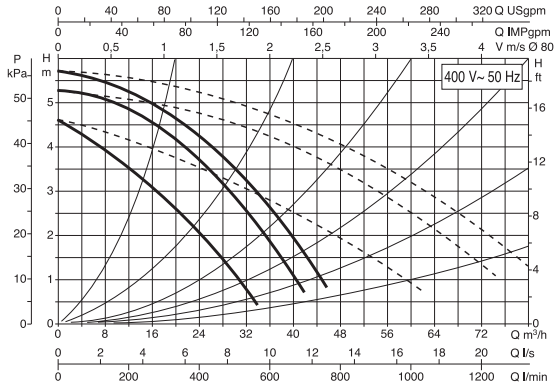
WET ROTOR CIRCULATORS

380 V~ - 400 V~

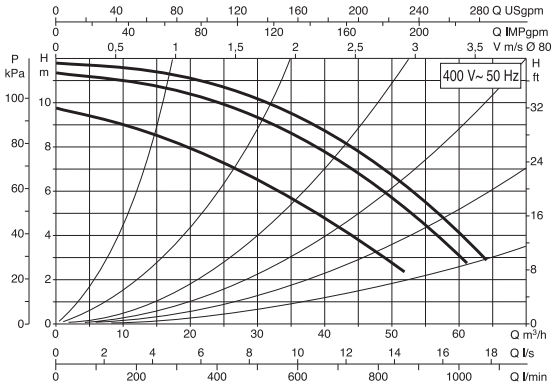
BMH 60/360.80 T



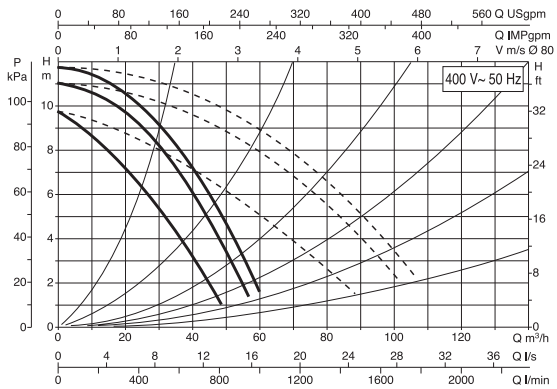
DMH 60/360.80 T



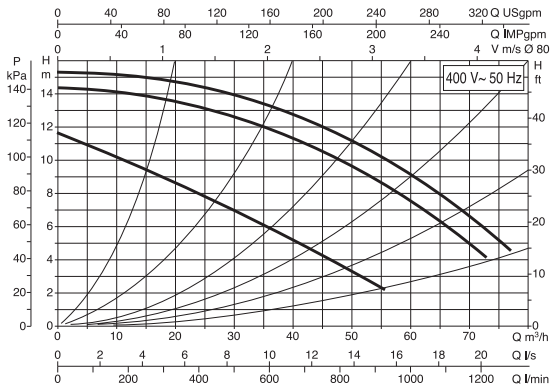
BPH 120/360.80 T



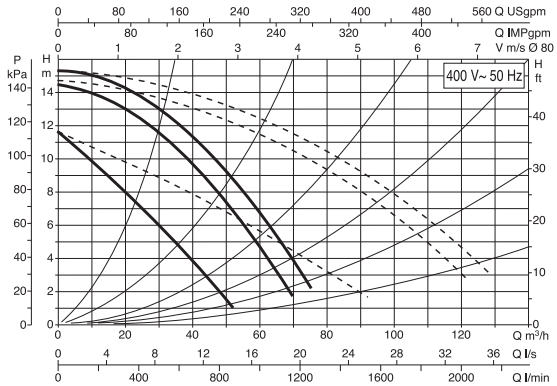
DPH 120/360.80 T



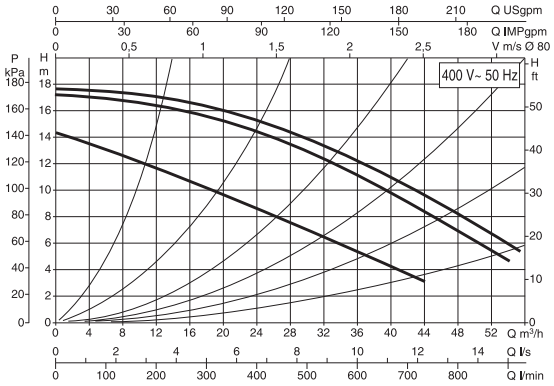
BPH 150/360.80 T



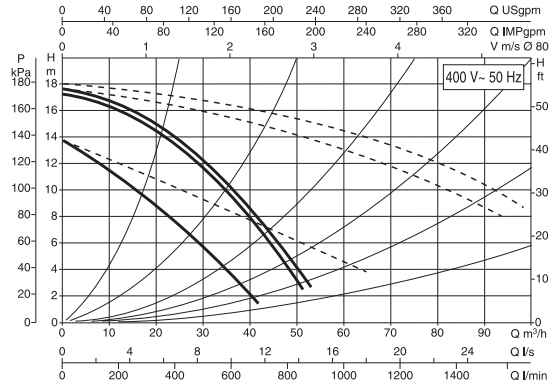
DPH 150/360.80



BPH 180/360.80 T



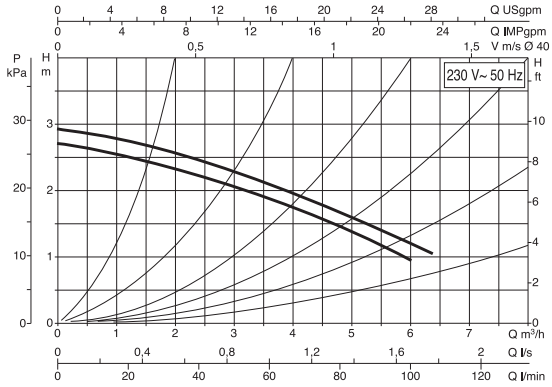
DPH 180/360.80 T



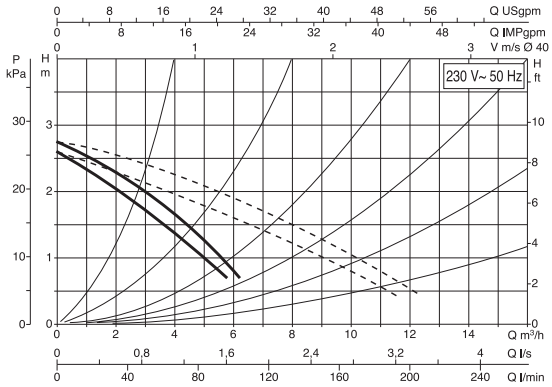
The Hydraulic values refer to one motor

220 V~ - 230 V~

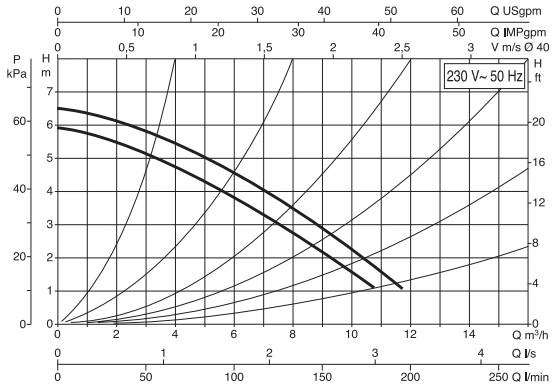
BMH 30/250.40 T



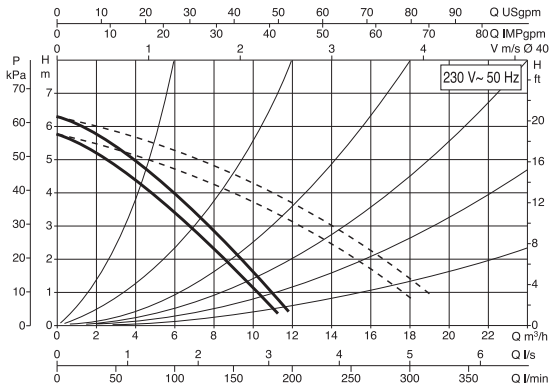
DMH 30/250.40 T



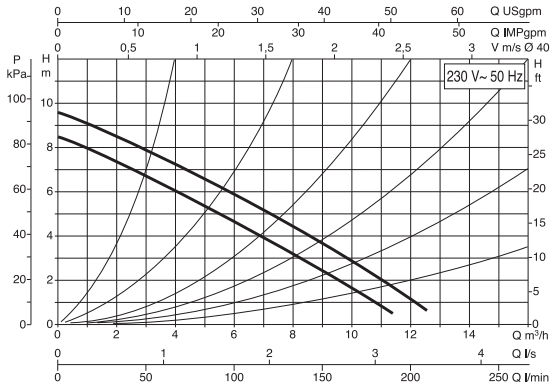
BPH 60/250.40 T



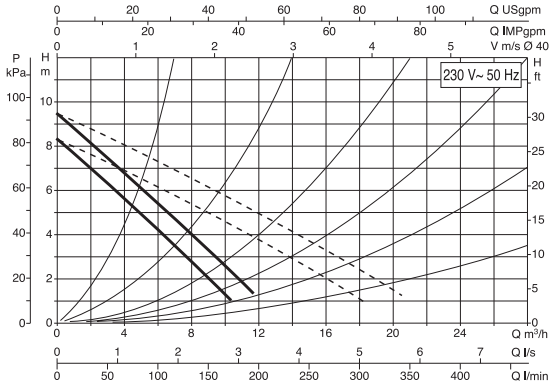
DPH 60/250.40 T



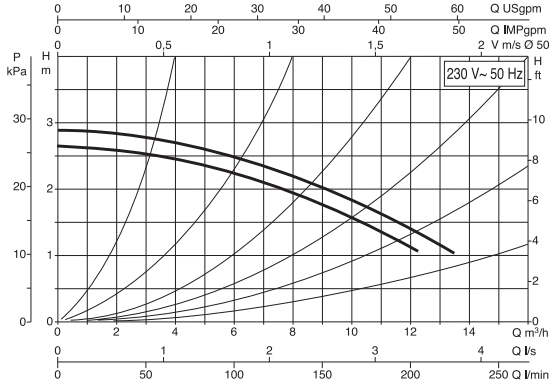
BPH 120/250.40 T



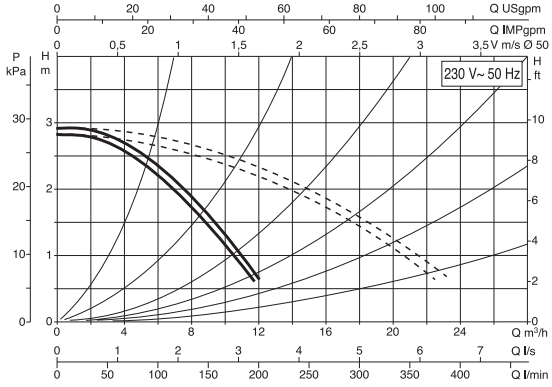
DPH 120/250.40 T



BMH 30/280.50 T



DMH 30/280.50 T



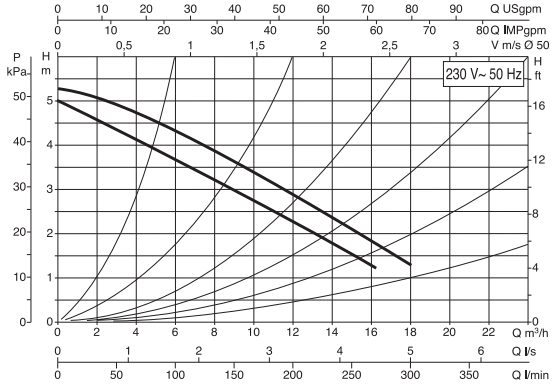
The Hydraulic values refer to one motor

BPH - BMH - DPH - DMH

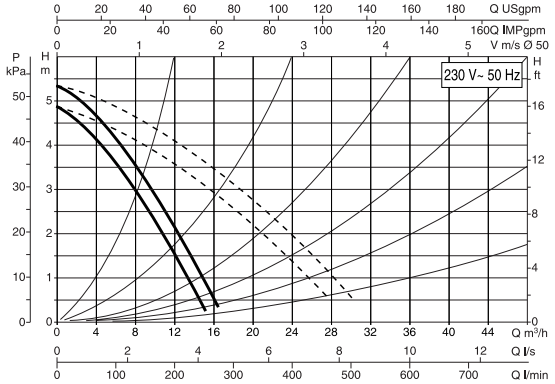
WET ROTOR CIRCULATORS

220 V~ - 230 V~

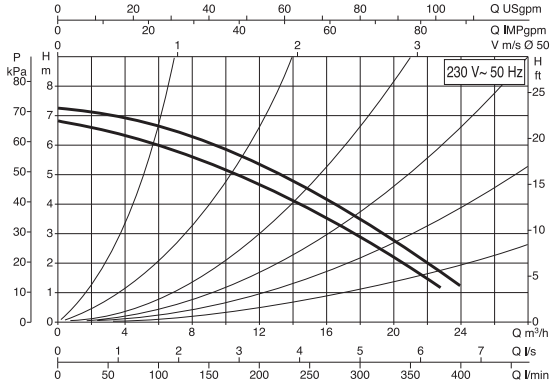
BMH 60/280.50 T



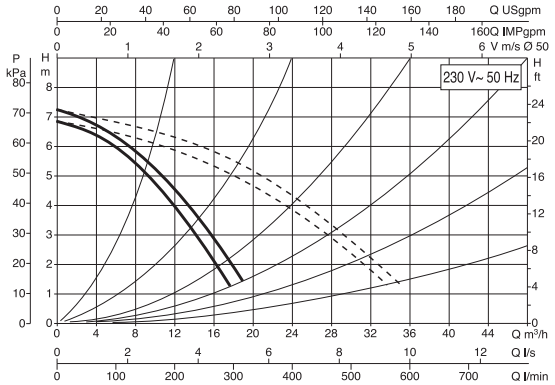
DMH 60/280.50 T



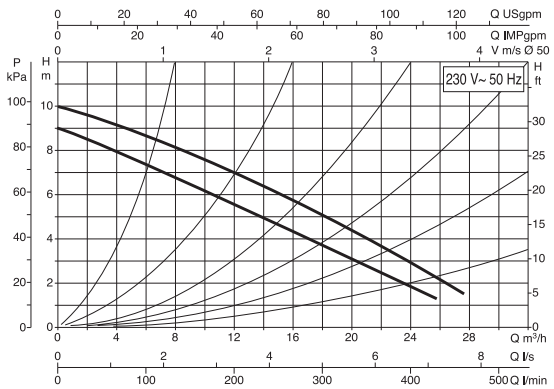
BPH 60/280.50 T



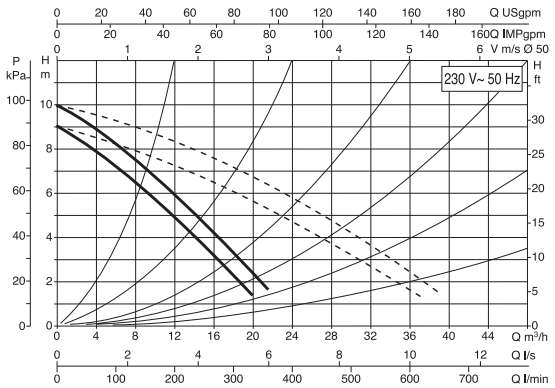
DPH 60/280.50 T



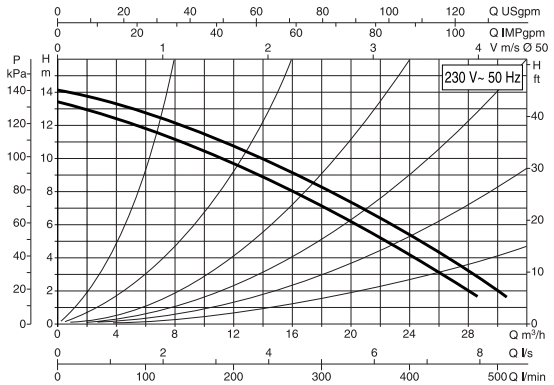
BPH 120/280.50 T



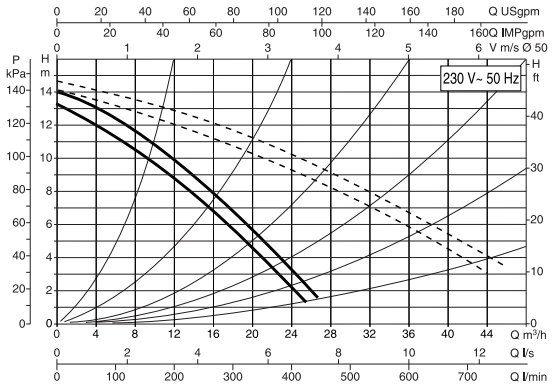
DPH 120/280.50 T



BPH 150/280.50 T



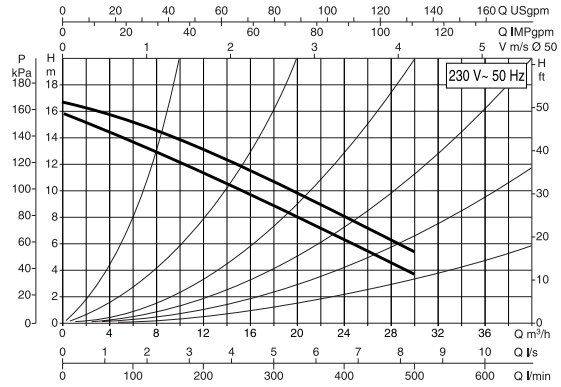
DPH 150/280.50 T



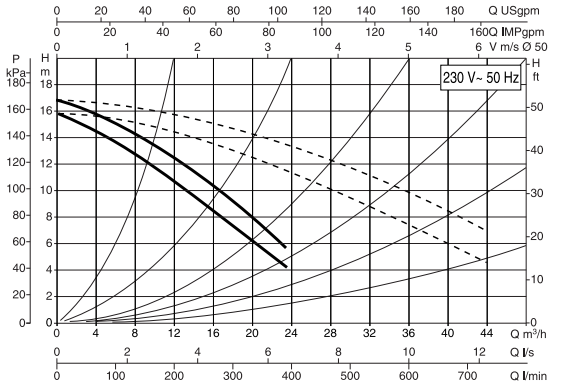
The Hydraulic values refer to one motor

220 V~ - 230 V~

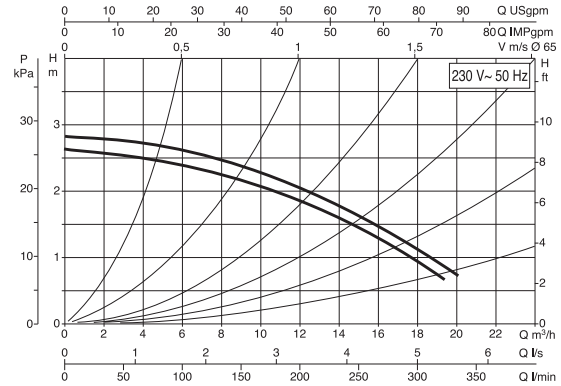
BMH 180/280.50 T



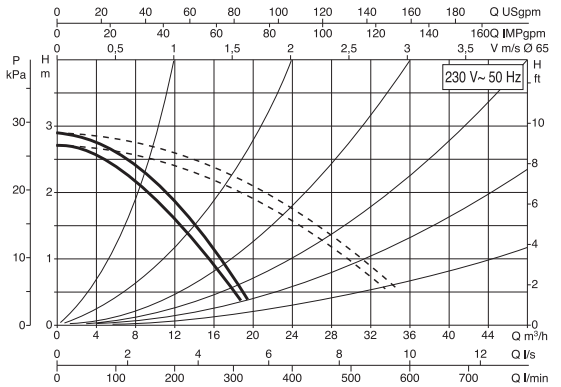
DMH 180/280.50 T



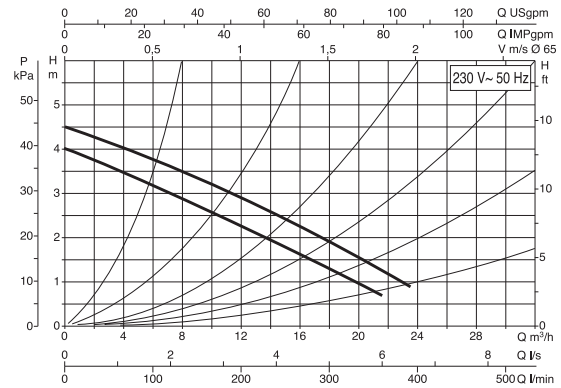
BMH 30/340.65 T



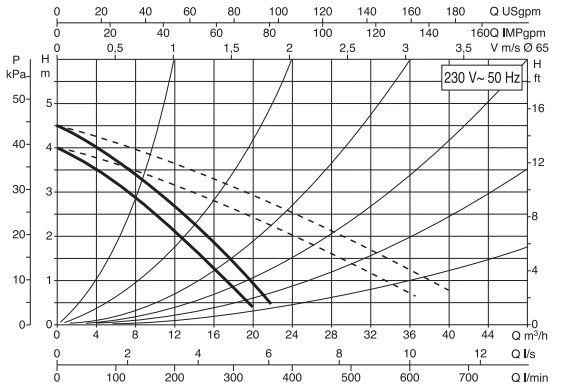
DMH 30/340.65 T



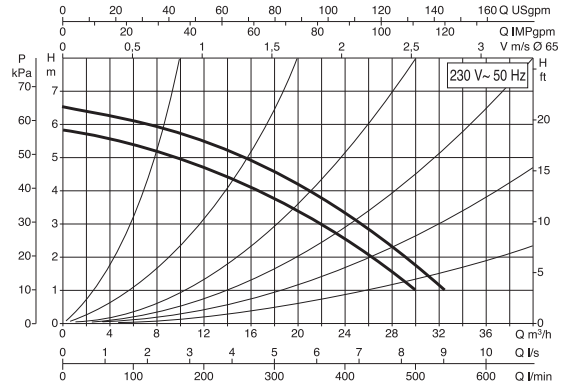
BMH 60/340.65 T



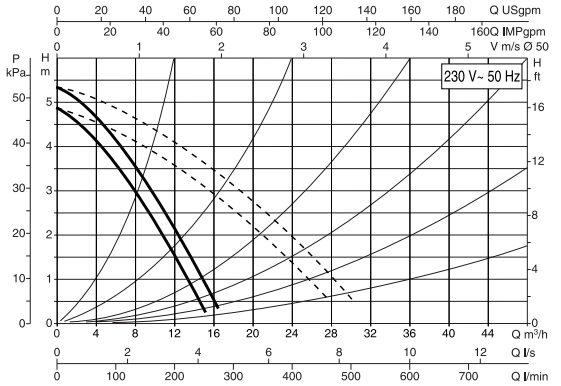
DMH 60/340.65 T



BPH 60/340.65 T



DPH 60/340.65 T



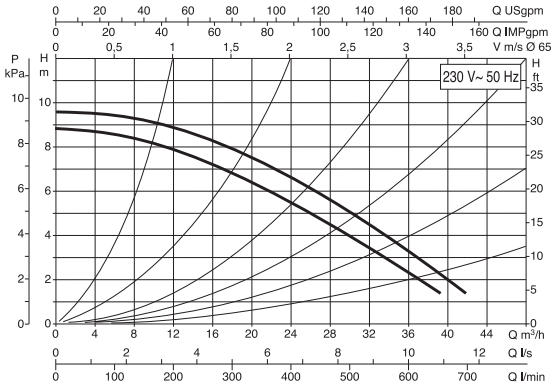
The Hydraulic values refer to one motor

BPH - BMH - DPH - DMH

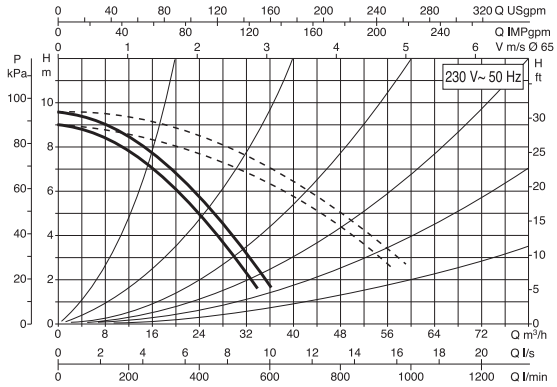
WET ROTOR CIRCULATORS

220 V~ - 230 V~

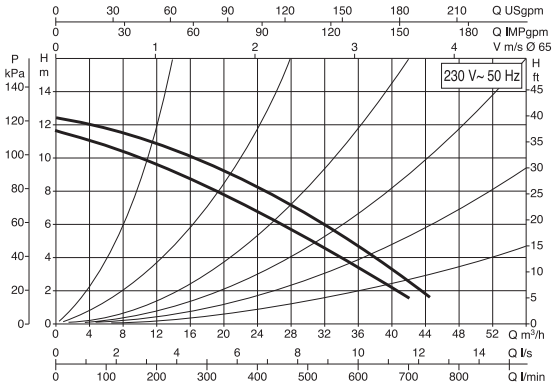
BPH 120/340.65 T



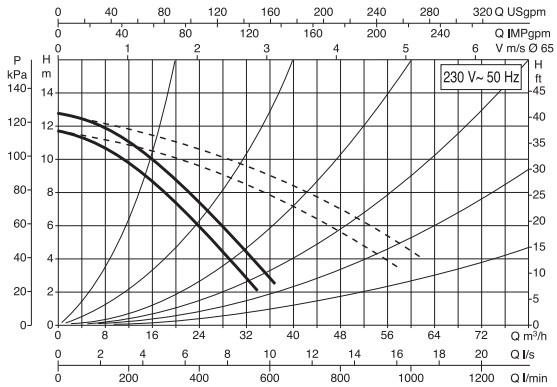
DPH 120/340.65 T



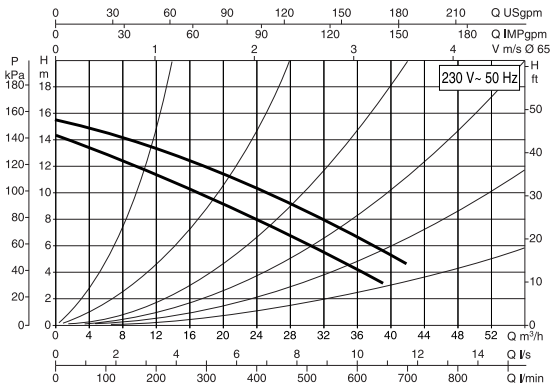
BPH 150/340.65 T



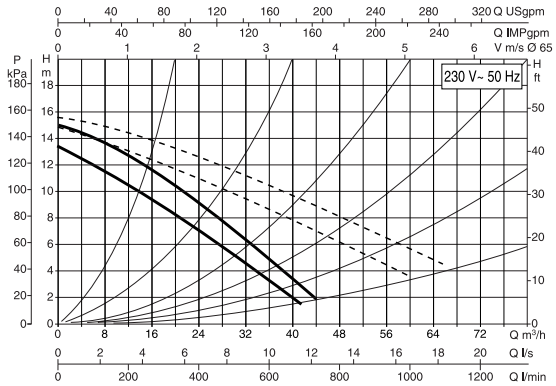
DPH 150/340.65 T



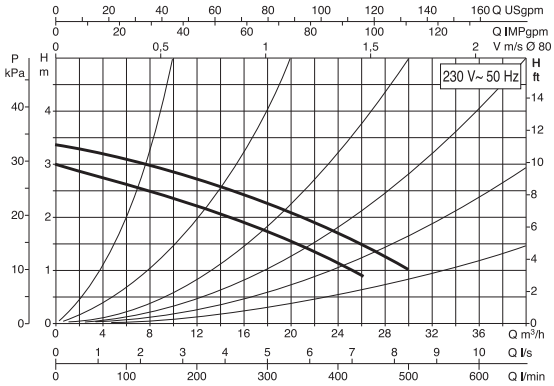
BPH 180/340.65 T



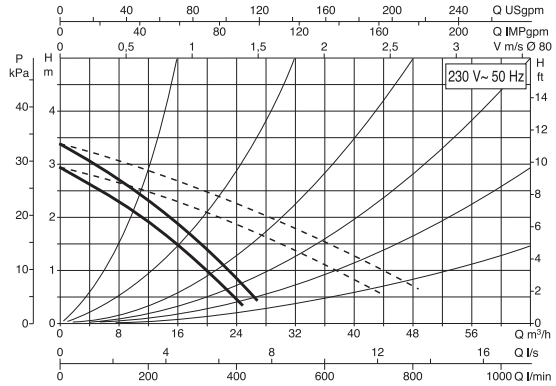
DPH 180/340.65 T



BMH 30/360.80 T



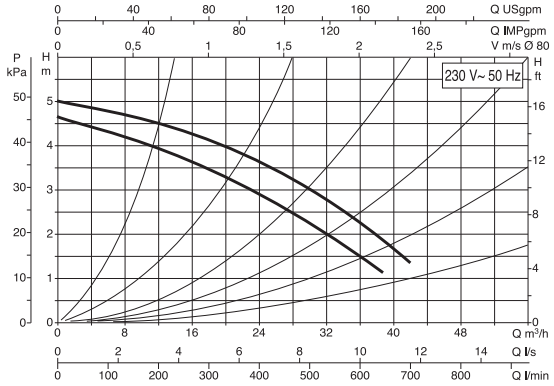
DMH 30/360.80 T



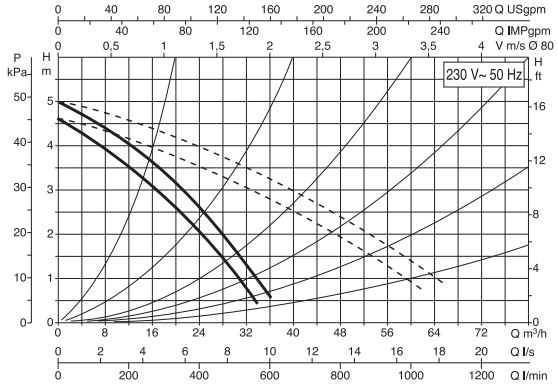
The Hydraulic values refer to one motor

220 V~ - 230 V~

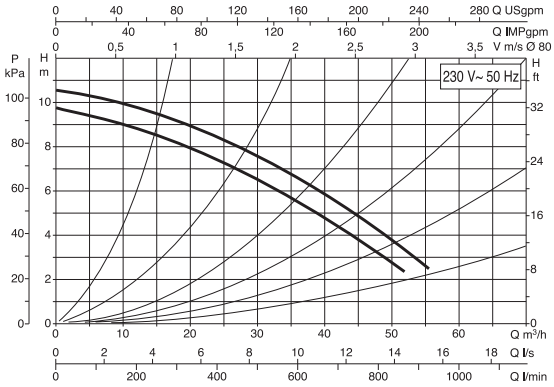
BMH 60/360.80



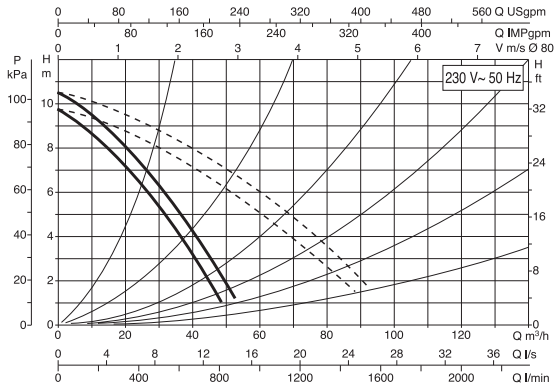
DMH 60/360.80



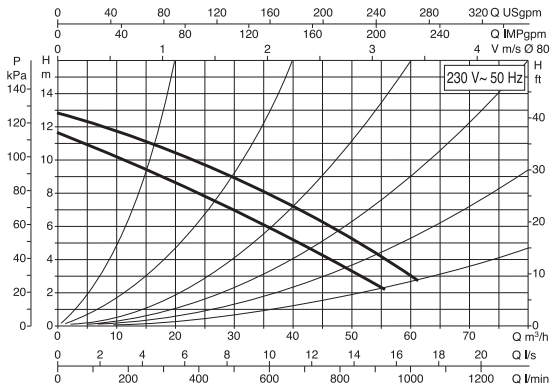
BPH 120/360.80 T



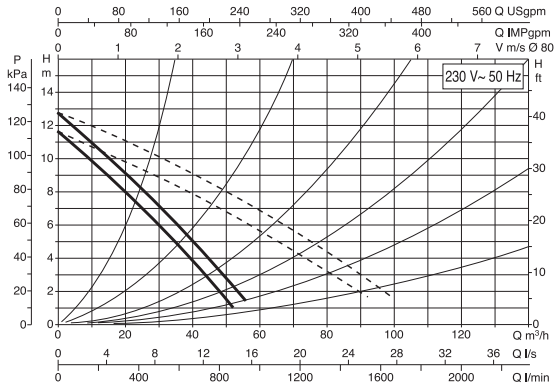
DPH 120/360.80 T



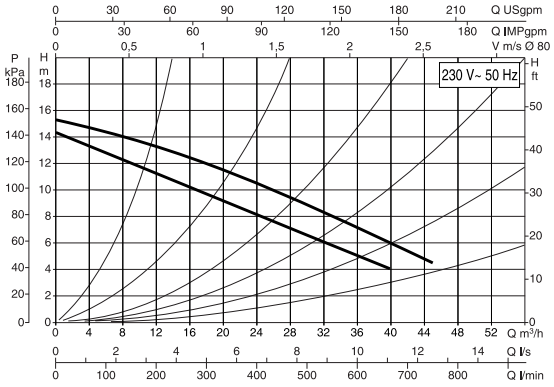
BPH 150/360.80 T



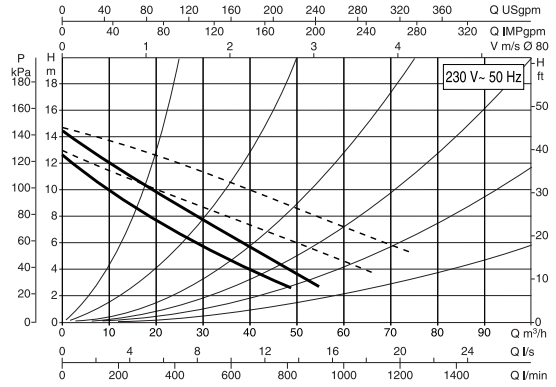
DPH 150/360.80 T



BPH 180/360.80 T



DPH 180/360.80 T

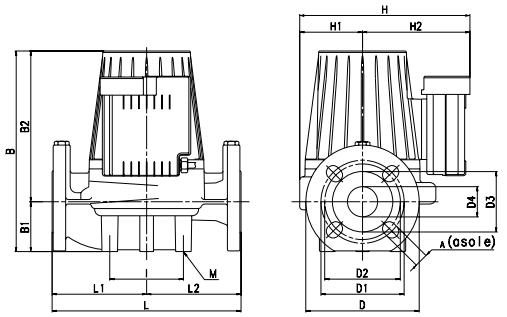


The Hydraulic values refer to one motor

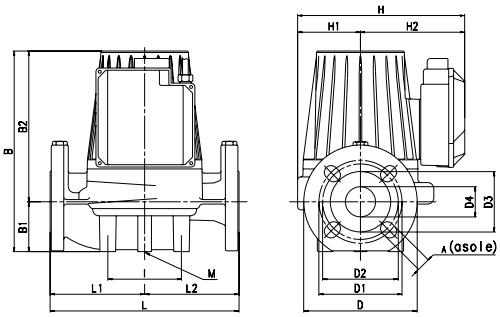
DAB PUMPS reserves the right to make modifications without notice

DIMENSIONS AND WEIGHTS - *SINGLE WITH OVAL FLANGES*

BMH - BPH...M



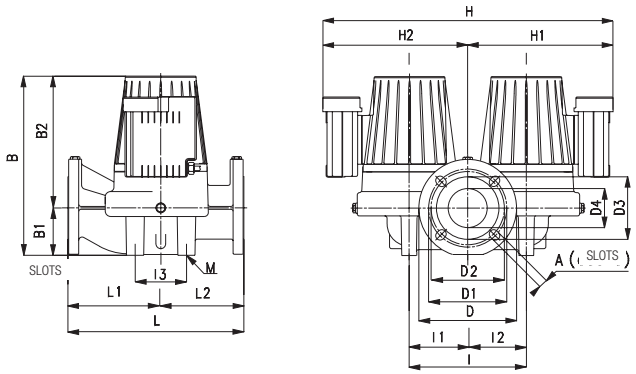
BMH - BPH...T



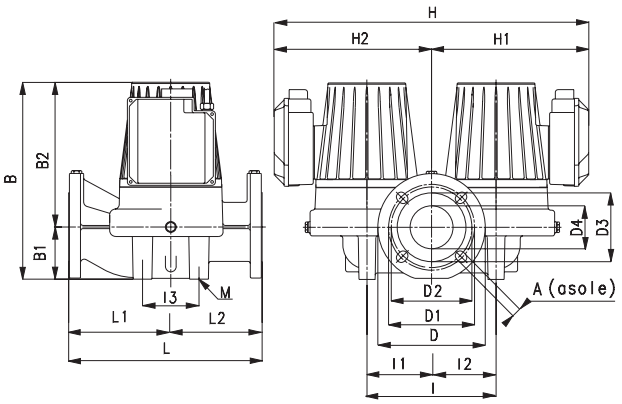
MODEL	L	L1	L2	A	B	B1	B2	D	D1	D2	D3	D4	I	M	H	H1	H2	WEIGHT Kg	Q.TY X PALLET
BMH 30/250.40 T	250	125	125	18	266	66	200	150	110	100	80	40	100	M10	221	83	138	17,5	24
BPH 60/250.40 M	250	125	125	18	266	66	200	150	110	100	80	40	100	M10	221	83	138	17,5	24
BPH 60/250.40 T	250	125	125	18	266	66	200	150	110	100	80	40	100	M10	221	83	138	17,5	24
BPH 120/250.40 M	250	125	125	18	266	66	200	150	110	100	80	40	100	M10	221	83	138	17,5	24
BPH 120/250.40 T	250	125	125	18	266	66	200	150	110	100	80	40	100	M10	221	83	138	17,5	24
BMH 30/280.50T	280	140	140	18	312	73	239	165	125	110	90	50	100	M10	254	96	158	24	24
BMH 60/280.50T	280	140	140	18	312	73	239	165	125	110	90	50	100	M10	254	96	158	24	24
BPH 60/280.50 M	280	140	140	18	312	73	239	165	125	110	90	50	100	M10	254	156	158	24	24
BPH 60/280.50 T	280	140	140	18	312	73	239	165	125	110	90	50	100	M10	254	156	158	24	24
BPH 120/280.50 M	280	140	140	18	312	73	239	165	125	110	90	50	100	M10	254	96	158	24	24
BPH 120/280.50 T	280	140	140	18	312	73	239	165	125	110	90	50	100	M10	254	96	158	26	24
BPH 150/280.50 T	280	140	140	18	362	73	289	165	125	110	90	50	100	M10	254	96	158	26	24
BPH 180/280.50 T	280	140	140	18	362	73	289	165	125	110	90	50	100	M10	254	96	158	26	24
BMH 30/340.65 T	340	170	170	18	334	82	252	185	145	130	110	65	100	M12	259	100	159	27,5	12
BMH 60/340.65 T	340	170	170	18	334	82	252	185	145	130	110	65	100	M12	259	100	159	27,5	12
BPH 60/340.65 M	340	170	170	18	334	82	252	185	145	130	110	65	100	M12	259	100	159	27,5	12
BPH 60/340.65 T	340	170	170	18	334	82	252	185	145	130	110	65	100	M12	259	100	159	30,5	12
BPH 120/340.65 T	340	170	170	18	384	82	302	185	145	130	110	65	100	M12	259	100	159	32,5	12
BPH 150/340.65 T	340	170	170	18	384	82	302	185	145	130	110	65	100	M12	259	100	159	32,5	12
BPH 180/340.65 T	340	170	170	18	384	82	302	185	145	130	110	65	100	M12	259	100	159	32,5	12
BMH 30/360.80 T	360	170	190	18	354	97	254	200	160	150	130	80	115	M12	297	100	159	31	12
BMH 60/360.80 T	360	170	190	18	404	97	307	200	160	150	130	80	115	M12	259	100	159	40	12
BPH 120/360.80 T	360	170	190	18	404	97	307	200	160	150	130	80	115	M12	259	100	159	40	12
BPH 150/360.80 T	360	170	190	18	404	97	307	200	160	150	130	80	115	M12	259	100	159	40	12
BPH 180/360.80 T	360	170	190	18	404	97	307	200	160	150	130	80	115	M12	259	100	159	40	12

DIMENSIONS AND WEIGHTS - *TWIN WITH OVAL FLANGES*

DMH - DPH...M



DMH - DPH...T

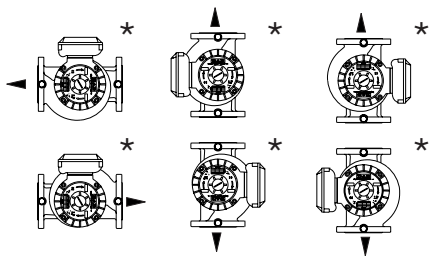
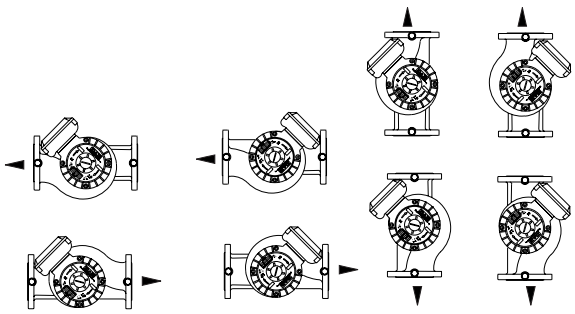


MODEL	L	L1	L2	A	B	B1	B2	D	D1	D2	D3	D4	I	I1	I2	I3	M	H	H1	H2	WEIGHT Kg	Q.TY X PALLET
DMH 30/250.40 T	250	105	145	18	271	66	205	150	110	100	80	40	200	100	100	100	M12	476	238	238	32	12
DPH 60/250.40 M	250	105	145	18	271	66	205	150	110	100	80	40	200	100	100	100	M12	476	238	238	32	12
DPH 60/250.40 T	250	105	145	18	271	66	205	150	110	100	80	40	200	100	100	100	M12	476	238	238	32	12
DPH 120/250.40 M	250	105	145	18	271	66	205	150	110	100	80	40	200	100	100	100	M12	476	238	238	32	12
DPH 120/250.40 T	250	105	145	18	271	66	205	150	110	100	80	40	200	100	100	100	M12	476	238	238	32	12
DMH 30/280.50 T	280	130	150	18	305	73	232	165	125	110	90	50	240	120	120	120	M14	552	276	276	51,5	8
DMH 60/280.50 T	280	130	150	18	305	73	235	165	125	110	90	50	240	120	120	120	M14	556	278	278	44,5	8
DPH 60/280.50 M	280	130	150	18	308	73	235	165	125	110	90	50	240	120	120	120	M14	554	278	278	44,5	8
DPH 60/280.50 T	280	130	150	18	308	73	235	165	125	110	90	50	240	120	120	120	M14	554	278	278	44,5	8
DPH 120/280.50 M	280	130	150	18	308	73	235	165	125	110	90	50	240	120	120	120	M14	556	278	278	44,5	8
DPH 120/280.50 T	280	130	150	18	308	73	235	165	125	110	90	50	240	120	120	120	M14	556	278	278	49	8
DPH 150/280.50 T	280	130	150	18	358	73	285	165	125	110	90	50	240	120	120	120	M14	556	278	278	49	8
DPH 180/280.50 T	280	130	150	18	358	73	285	165	125	110	90	50	240	120	120	120	M14	556	278	278	49	6
DMH 30/340.65 T	340	138,5	201,5	18	328	82	246	185	145	130	110	65	240	120	120	140	M14	476	238	238	57	8
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DPH 60/340.65 T	340	138,5	201,5	18	331	82	249	185	145	130	110	65	240	120	120	140	M14	476	238	238	54,5	8
DPH 120/340.65 T	340	138,5	201,5	18	381	82	299	185	145	130	110	65	240	120	120	140	M14	476	238	238	59	8
DPH 150/340.65 T	340	138,5	201,5	18	381	82	299	185	145	130	110	65	240	120	120	140	M14	476	238	238	59	8
DPH 180/340.65 T	340	138,5	201,5	18	381	82	299	185	145	130	110	65	240	120	120	130	M14	476	238	238	59	8
DMH 30/360.80 T	360	160	200	18	345	97	248	200	160	150	130	80	240	120	120	150	M14	480	240	240	54,5	8
DMH 60/360.80 T	360	160	200	18	390	97	298	200	160	150	130	80	240	120	120	150	M14	480	240	240	72	8
DPH 120/360.80 T	360	160	200	18	390	97	298	200	160	150	130	80	240	120	120	150	M14	480	240	240	72	8
DPH 150/360.80 T	360	160	200	18	390	97	298	200	160	150	130	80	240	120	120	150	M14	480	240	240	72	8
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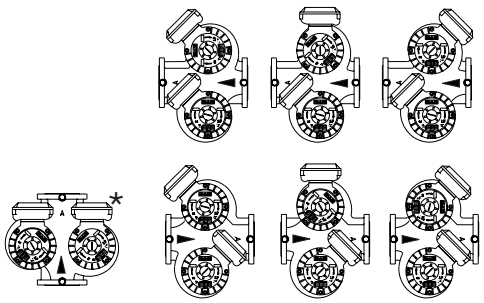
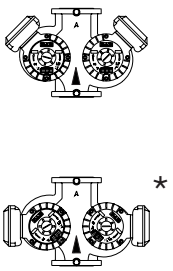
DAB PUMPS reserves the right to make modifications without notice

POSITION OF TERMINAL BOARD - BMH - BPH - DMH - DPH

SINGLE

DN 40-50-65-80	DN 65-80
	

TWIN

DN 65-80	DN 40-50-65-80
	

* For installation in air-conditioning systems only use the circulator in the terminal board positions marked with the asterisk.

EVOTRON

EVOTRON SOL

WET ROTOR ELECTRONIC CIRCULATORS

ErP ready

DAB WATER•TECHNOLOGY

CE

SOLAR PANEL AND GEOTHERMAL HEATING SYSTEMS



Thanks to the advanced technology employed, **the permanent magnet synchronous motor,** and **the frequency converter**, the new range of **EVOTRON SOL** circulators ensures high efficiency in all applications, bringing appreciable benefits in terms of energy saving. That's why the entire series of **EVOTRON SOL** circulators is included in energy efficiency class A.
The circulator features an electronic device that detects the changes demanded by the heating system and automatically adapts circulator performance accordingly, always ensuring optimal efficiency and minimum energy consumption.
Straightforward operation and an easy-to-ready control panel with display that shows the selected setting at each moment of operation.
Improved and optimized energy consumption overnight (SMART SLEEP Function)
Supplied with a special connector that enables simple and quick electrical Connections on installation.
Supplied with an insulation housing kit which adds significantly reducing in heat dispersion.

Operating range: from 0,4 to 4,2 m³/h with head of up to a 8 mt
Liquid temperature range: from -10°C a +110°C
Maximum working pressure: 10 bar (1000 kPa)
Protection rating: IP 44
Insulation class: F
Installation: with HORIZONTAL MOTOR SHAFT
Standard voltage input: single-phase 1 x 230 V / 50 / 60 Hz
Liquid quality requirements: clean, free of solids and mineral oils, non-viscous,chemically neutral and approximating the properties of water

ACCESSORIES
PAG. 227

TECHNICAL DATA

MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	UNIONS ON REQUEST		ELECTRICAL DATA			HYDRAULIC DATA *						MINIMUM HEAD PRESSURE
				BRASS	COPPER	VOLTAGE 50 Hz	P1 RANGE W	In A	Q=m³h	0	0,6	1,2	1,8	2,4	
									Q=l/min	0	10	20	30	40	
EVOTRON 40/130 SOL	60143369	130	1"½	½" F - ¾" M - 1" F	ø 22 - ø 28	1x230 V	5 - 27	0,05 - 0,26		4	3,2	2,3	1,7	1,1	T° + 90°C m.c.a. 10
EVOTRON 40/130(½) SOL	60143372	130	1"	-	-	1x230 V	5 - 27	0,05 - 0,26		4	3,2	2,3	1,7	1,1	T° + 90°C m.c.a. 10
EVOTRON 40/180 SOL	60143375	180	1"½	½" F - ¾" M - 1" F	ø 22 - ø 28	1x230 V	5 - 27	0,05 - 0,26		4	3,2	2,3	1,7	1,1	T° + 90°C m.c.a. 10
EVOTRON 60/130 SOL	60143370	130	1"½	½" F - ¾" M - 1" F	ø 22 - ø 28	1x230 V	5 -43	0,05 - 0,40		6	5,6	4,5	3,5		T° + 90°C m.c.a. 10
EVOTRON 60/130(½) SOL	60143373	130	1"	-	-	1x230 V	5 - 43	0,05 - 0,40	H (m)	6	5,6	4,5	3,5		T° + 90°C m.c.a. 10
EVOTRON 60/180 SOL	60143376	180	1"½	½" F - ¾" M - 1" F	ø 22 - ø 28	1x230 V	5 - 43	0,05 - 0,40		6	5,6	4,5	3,5		T° + 90°C m.c.a. 10
EVOTRON 80/130 SOL	60143371	130	1"½	½" F - ¾" M - 1" F	ø 22 - ø 28	1x230 V	5 - 66	0,06 - 0,60		8	7,8	6	4,8	3,9	T° + 90°C m.c.a. 10
EVOTRON 80/130(½) SOL	60143374	130	1"	-	-	1x230 V	5 - 66	0,06 - 0,60		8	7,8	6	4,8	3,9	T° + 90°C m.c.a. 10
EVOTRON 80/180 SOL	60143377	180	1"½	½" F - ¾" M - 1" F	ø 22 - ø 28	1x230 V	5 - 66	0,06 - 0,60		8	7,8	6	4,8	3,9	T° + 90°C m.c.a. 10

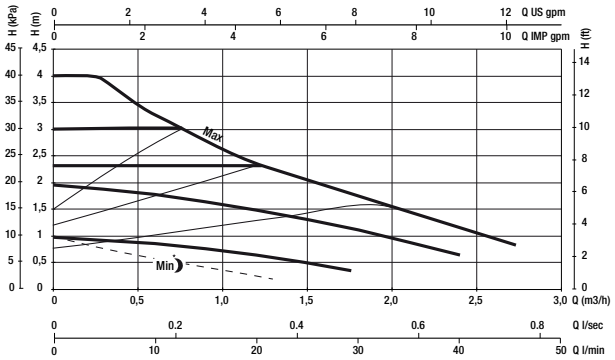
* Hydraulic values are assumed at maximum speed and are referred to individual models.

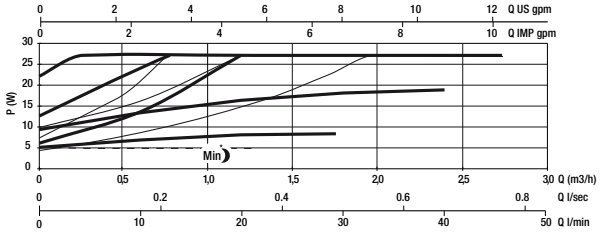
DAB PUMPS reserves the right to make modifications without notice

EVOTRON SOL

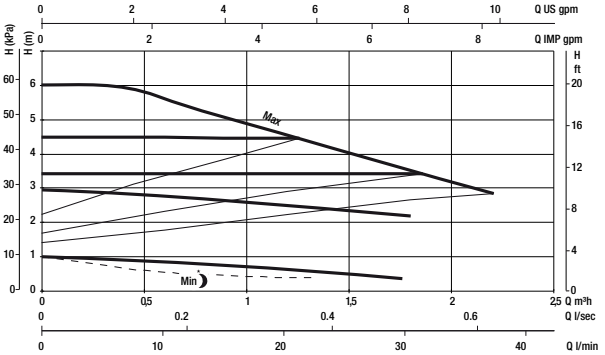
WET ROTOR ELECTRONIC CIRCULATORS

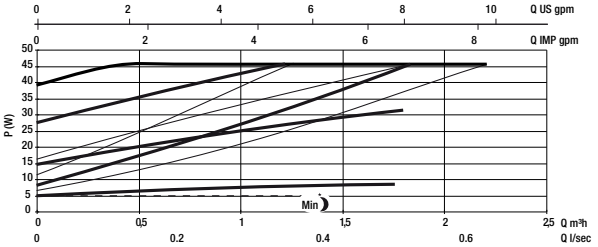
EVOTRON SOL 40



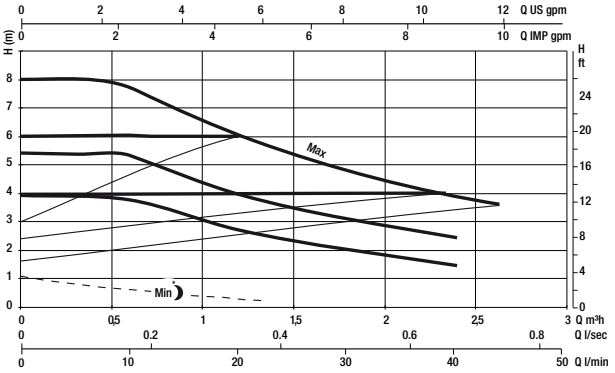


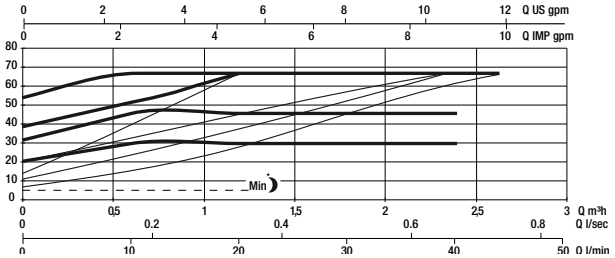
EVOTRON SOL 60



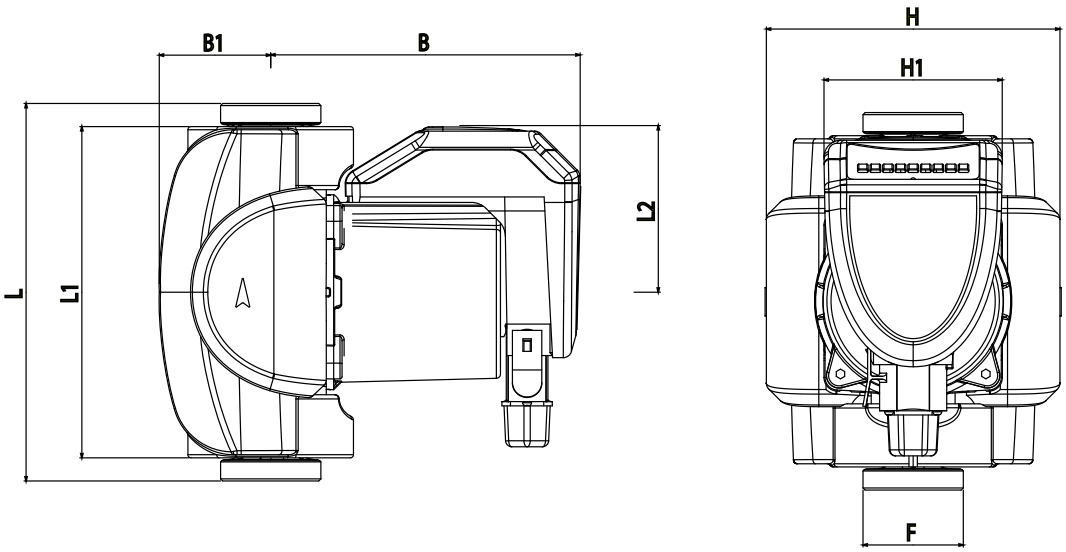


EVOTRON SOL 80





DIMENSIONS AND WEIGHTS



MODEL	L	L1	L2	B	B1	H	H1	F	PACKAGING DIMENSION			WEIGHT KG	Q.TY x PALLET
									L	B	H		
EVOTRON 40/130 SOL	130	158	79.5	147.5	53	140	85	1"1/2	148	193	217	2.7	120
EVOTRON 40/130(1/2) SOL	130	158	79.5	147.5	53	140	85	1"	148	193	217	2.7	120
EVOTRON 40/180 SOL	180	158	79.5	147.5	53	140	85	1"1/2	148	193	217	2.9	120
EVOTRON 60/130 SOL	130	158	79.5	147.5	53	140	85	1"1/2	148	193	217	2.7	120
EVOTRON 60/130(1/2) SOL	130	158	79.5	147.5	53	140	85	1"	148	193	217	2.7	120
EVOTRON 60/180 SOL	180	158	79.5	147.5	53	140	85	1"1/2	148	193	217	2.9	120
EVOTRON 80/130 SOL	130	158	79.5	147.5	53	140	85	1"1/2	148	193	217	2.7	120
EVOTRON 80/130(1/2) SOL	130	158	79.5	147.5	53	140	85	1"	148	193	217	2.7	120
EVOTRON 80/180 SOL	180	158	79.5	147.5	53	140	85	1"1/2	148	193	217	2.9	120

DAB PUMPS reserves the right to make modifications without notice

VSA
WET ROTOR CIRCULATORS



CE

SOLAR PANEL SYSTEMS

Pump for circulation of fluid media in solar panel powered heating systems. VSA wet rotor circulators can function perfectly also with high glycol concentrations (up to 60%). Monobloc body composed of hydraulic section in cast iron and wet rotor motor. **Special electrophoresis coating of the pump body to ensure resistance to glycol attack.** Motor casing in diecast aluminium. Rotor in engineering polymer, motor shaft in hardened stainless steel held in graphite bearings lubricated by the pumping medium. Rotor protective jacket, stator jacket, and closing flange in stainless steel. Ceramic thrust ring, ethylene propylene seals and brass air breather plug.
Two-pole asynchronous motor with squirrel cage rotor designed to run at three alternative speeds on the basis of the setting of a selector on the terminal board in order to adapt circulator operation to the characteristics of the system.

Operating range: from 0,5 to 3,6 m^3/h with pressure head of up to 6 m.
Liquid temperature range: from -10°C to +110°C (TF110)
All models are designed to withstand temperature peaks of up to 140°C
Pumped fluid: clean, free of solid contaminants and mineral oils, non-viscous, chemically neutral, close to the properties of water (max. glycol 60%).
Max. working pressure: 10 bar (1000 kPa)
Installation: with HORIZONTAL MOTOR SHAFT
Protection rating: IP 44
Insulation class: F

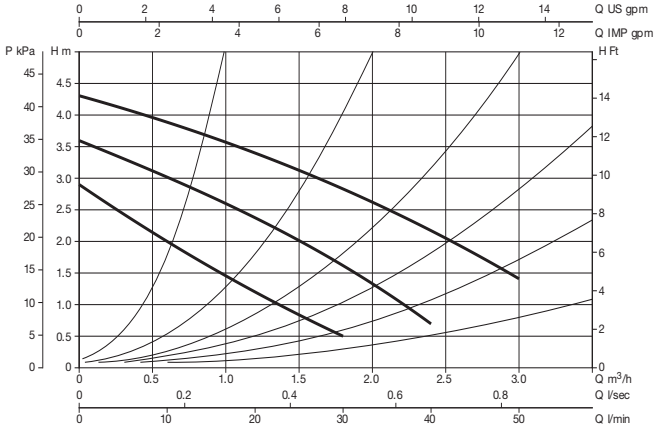
ACCESSORIES
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TECHNICAL DATA

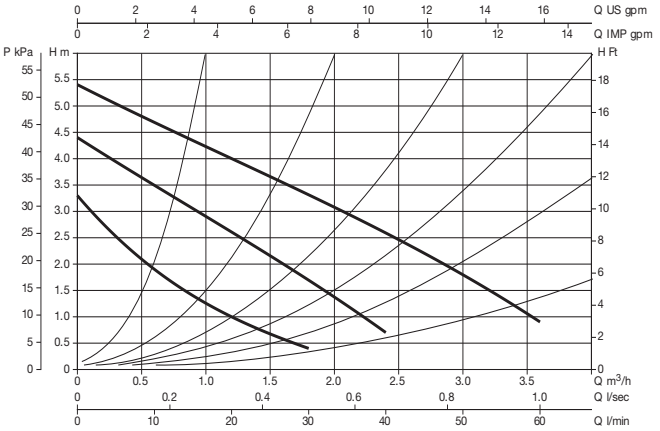
MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	UNIONS ON REQUEST		ELECTRICAL DATA							ENERGY CLASS	HYDRAULIC DATA								MINIMUM HEAD PRESSURE
				STANDARDIZED	SPECIAL	VOLTAGE 50 Hz	SPEED	n r.p.m.	P1 MAX W	In A	CAPACITOR µF	CAPACITOR Vc		Q=m^3/h	0	0,6	1,2	1,8	2,4	3	4,2	
														Q=l/min	0	10	20	30	40	50	70	
VSA 35/130	60115307	130	1½"	1" F	¾" F 1 ¼" M	1 x 230 V ~	3 2 1	2465 1930 1150	56 50 35	0,25 0,22 0,16	1,7	450	B		4,3	3,9	3,4	2,8	2,15	1,4		t° +90°C m.c.a. 1,5
VSA 35/130 1/2"	60115308	130	1"	-	-	1 x 230 V ~	3 2 1	2465 1930 1150	56 50 35	0,25 0,22 0,16	1,7	450	B		4,3	3,9	3,4	2,8	2,15	1,4		t° +90°C m.c.a. 1,5
VSA 35/180	60115309	180	1½"	1" F	¾" F 1 ¼" M	1 x 230 V ~	3 2 1	2465 1930 1150	56 50 35	0,25 0,22 0,16	1,7	450	B		4,3	3,9	3,4	2,8	2,15	1,4		t° +90°C m.c.a. 1,5
VSA 55/130	60115310	130	1½"	1" F	¾" F 1 ¼" M	1 x 230 V ~	3 2 1	2400 1600 930	70 58 36	0,30 0,26 0,17	1,7	450	C		5,4	4,7	4,5	3,3	2,6	1,75	0,85	t° +90°C m.c.a. 1,5
VSA 55/130 1/2"	60115316	130	1"	-	-	1 x 230 V ~	3 2 1	2400 1600 930	70 58 36	0,30 0,26 0,17	1,7	450	C	H (m)	5,4	4,7	4,5	3,3	2,6	1,75	0,85	t° +90°C m.c.a. 1,5
VSA 55/180	60115317	180	1½"	1" F	¾" F 1 ¼" M	1 x 230 V ~	3 2 1	2400 1600 930	70 58 36	0,30 0,26 0,17	1,7	450	C		5,4	4,7	4,5	3,3	2,6	1,75	0,85	t° +90°C m.c.a. 1,5
VSA 65/130	60115318	130	1½"	1" F	¾" F 1 ¼" M	1 x 230 V ~	3 2 1	2310 1532 880	78 59 37	0,34 0,26 0,17	2	450	C		6,3	5,8	5,3	4,3	3,4	2,4		t° +90°C m.c.a. 1,5
VSA 65/130 1/2"	60115319	130	1"	-	-	1 x 230 V ~	3 2 1	2310 1532 880	78 59 37	0,34 0,26 0,17	2	450	C		6,3	5,8	5,3	4,3	3,4	2,4		t° +90°C m.c.a. 1,5
VSA 65/180	60115320	180	1½"	1" F	¾" F 1 ¼" M	1 x 230 V ~	3 2 1	2310 1532 880	78 59 37	0,34 0,26 0,17	2	450	C		6,3	5,8	5,3	4,3	3,4	2,4		t° +90°C m.c.a. 1,5

VSA
WET ROTOR CIRCULATORS

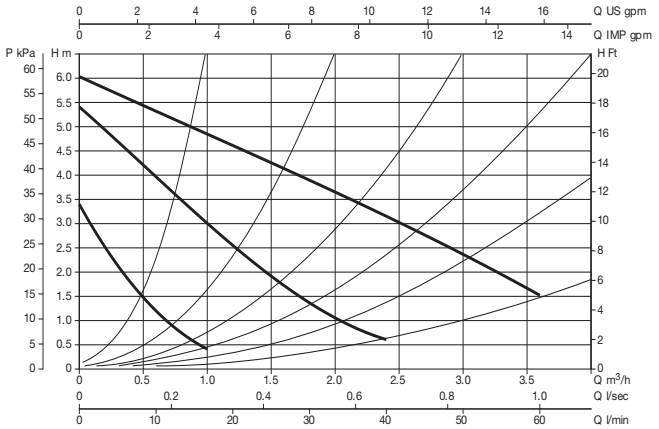
VSA 35

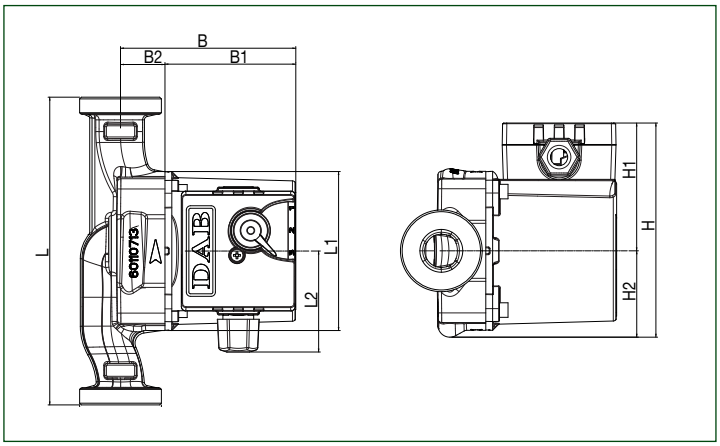


VSA 55



VSA 65





DIMENSIONS AND WEIGHTS

MODEL	L	L1	L2	B	B1	B2	H	H1	H2	F	PACKAGING DIMENSIONS			WEIGHT KG	Q.TY x PALLET
											L	B	H		
VSA 35/130	130	93	59	102,5	76,5	26	125,5	75	50,5	1½"	135	135	150	2,5	240
VSA 35/130 1/2"	130	93	59	102,5	76,5	26	125,5	75	50,5	1"	135	135	150	2,5	240
VSA 35/180	180	93	59	102,5	76,5	26	125,5	75	50,5	1½"	130	190	150	2,6	180
VSA 35/180 X	180	93	59	102,5	76,5	26	125,5	75	50,5	2"	130	190	150	2,6	180
VSA 55/130	130	93	59	102,5	76,5	26	125,5	75	50,5	1½"	135	135	150	2,5	240
VSA 55/130 1/2"	130	93	59	102,5	76,5	26	125,5	75	50,5	1"	135	135	150	2,5	240
VSA 55/180	180	93	59	102,5	76,5	26	125,5	75	50,5	1½"	130	190	150	2,6	180
VSA 55/180 X	180	93	59	102,5	76,5	26	125,5	75	50,5	2"	130	190	150	2,6	180
VSA 65/130	130	93	59	102,5	76,5	26	125,5	75	50,5	1½"	135	135	150	2,5	240
VSA 65/130 1/2"	130	93	59	102,5	76,5	26	125,5	75	50,5	1"	135	135	150	2,5	240
VSA 65/180	180	93	59	102,5	76,5	26	125,5	75	50,5	1½"	130	190	150	2,6	180
VSA 65/180 X	180	93	59	102,5	76,5	26	125,5	75	50,5	2"	130	190	150	2,6	180

EVOTRON

EVOTRON SAN

WET ROTOR ELECTRONIC CIRCULATORS

CE

HOT WATER SYSTEMS



Thanks to the advanced technology employed, **the permanent magnet synchronous motor**, and **the frequency converter**, the new range of **EVOTRON SAN** circulators ensures high efficiency in all applications, bringing appreciable benefits in terms of energy saving. That's why the entire series of **EVOTRON SAN** circulators is included in energy efficiency class A. The circulator features an electronic device that detects the changes demanded by the heating system and automatically adapts circulator performance accordingly, always ensuring optimal efficiency and minimum energy consumption. Straightforward operation and an easy-to-ready control panel with display that shows the selected setting at each moment of operation. Improved and optimized energy consumption overnight (SMART SLEEP Function). Supplied with a special connector that enables simple and quick electrical Connections on installation.

Supplied with an insulation housing kit which adds significantly reducing in heat dispersion.

Operating range:
from 0,4 to 4,2 m^3/h with head of up to a 8 mt
Liquid temperature range: from -10°C a +110°C
Maximum working pressure: 10 bar (1000 kPa)
Protection rating: IP 44
Insulation class: F
Installation: with HORIZONTAL MOTOR SHAFT
Standard voltage input:
single-phase 1 x 230 V / 50 / 60 Hz
Liquid quality requirements: clean, free of solids and mineral oils, non-viscous, chemically neutral and approximating the properties of water.

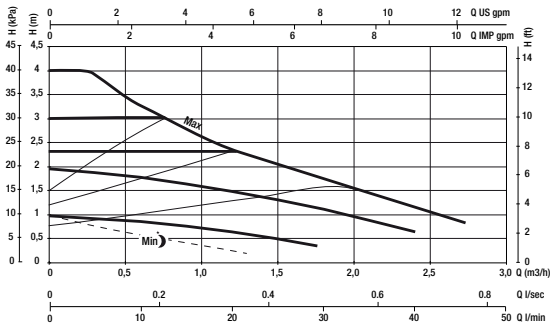
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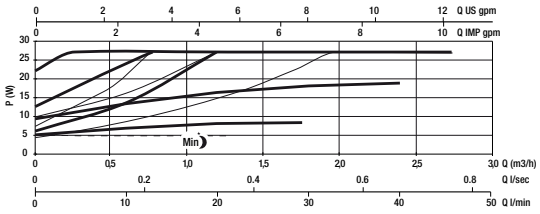
TECHNICAL DATA

MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	UNIONS ON REQUEST		ELECTRICAL DATA			HYDRAULIC DATA *								MINIMUM HEAD PRESSURE
				BRASS	COPPER	VOLTAGE 50 Hz	P1 RANGE W	In A	Q=m^3h	0	0,6	1,2	1,8	2,4	3	4,2	
									Q=l/min	0	10	20	30	40	50	70	
EVOTRON 40/150 SAN	60143366	150	1"½	½" F - ¾" M - 1" F	ø 22 - ø 28	1x230 V	5 - 27	0,05 - 0,26	H (m)	4	3,2	2,3	1,7	1,1			T° + 90°C m.c.a. 10
EVOTRON 60/150 SAN	60143367	150	1"½	½" F - ¾" M - 1" F	ø 22 - ø 28	1x230 V	5 - 43	0,05 - 0,60		6	5,6	4,5	3,5	2,6	1,8		T° + 90°C m.c.a. 10
EVOTRON 80/150 SAN	60143368	150	1"½	½" F - ¾" M - 1" F	ø 22 - ø 28	1x230 V	5 - 66	0,06 - 0,60		8	7,8	6	4,8	3,9	3,1	1,6	T° + 90°C m.c.a. 10

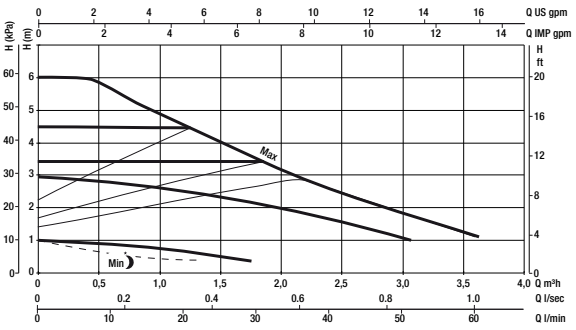
* Hydraulic values are assumed at maximum speed.

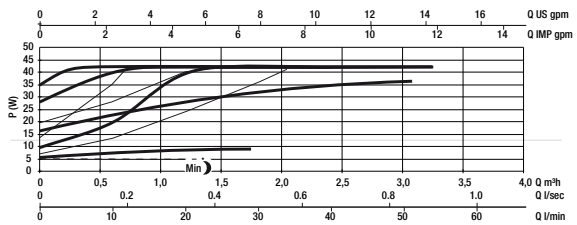
EVOTRON SAN 40



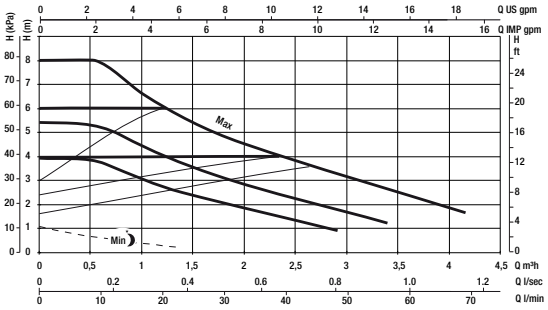


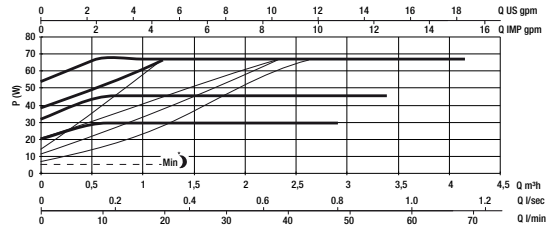
EVOTRON SAN 60



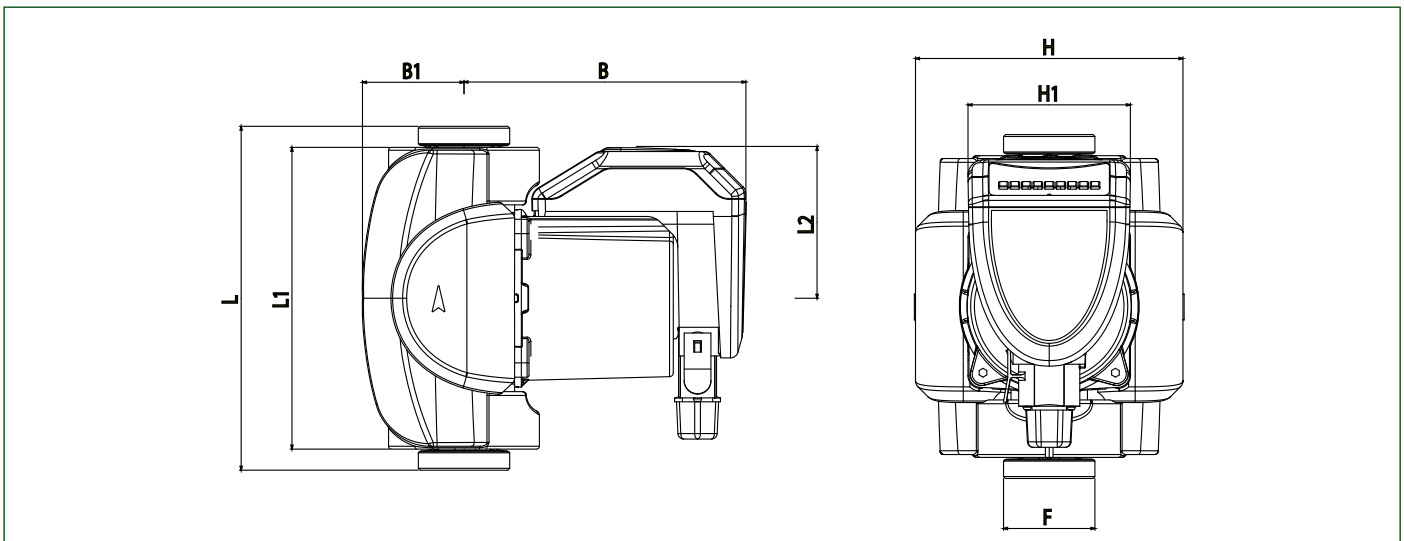


EVOTRON SAN 80





DIMENSIONS AND WEIGHTS



MODEL	L	L1	L2	B	B1	H	H1	F	PACKAGING DIMENSION			WEIGHT KG	Q.TY x PALLET
									L	B	H		
EVOTRON 40/150 SAN	150	158	79.5	147.5	53	140	85	1"1/2	148	193	217	3.0	120
EVOTRON 60/150 SAN	150	158	79.5	147.5	53	140	85	1"1/2	148	193	217	3.0	120
EVOTRON 80/150 SAN	150	158	79.5	147.5	53	140	85	1"1/2	148	193	217	3.0	120

evoplus

EVOPLUS SMALL SAN

WET ROTOR ELECTRONIC CIRCULATORS



CE

HOT WATER SYSTEMS

Circulator for domestic hot water systems of the closed circuit pressurized type or open circuit type. Bronze pump body. Motor casing in die-cast aluminium. Technopolymer impeller. Ceramic motor shaft mounted on graphite bushings lubricated by the pumped liquid. Stainless steel rotor sleeve, stator sleeve and closing flange. Ceramic thrust ring, ethylene propylene sealing rings. Synchronous motor with permanent magnet rotor.

Operating range:
from 2 to 12 m3/h with head up to 11 meters.
Liquid temperature range:
from -10 °C to 110 °C.
Pumped liquid: clean, free from solids and mineral oils, not viscous, chemically neutral, close to the properties of water.
Maximum working pressure: 16 bar (1600 kPA).
Protection rating: IP 44.
Insulation class: F.
Installation: with horizontal motor shaft.

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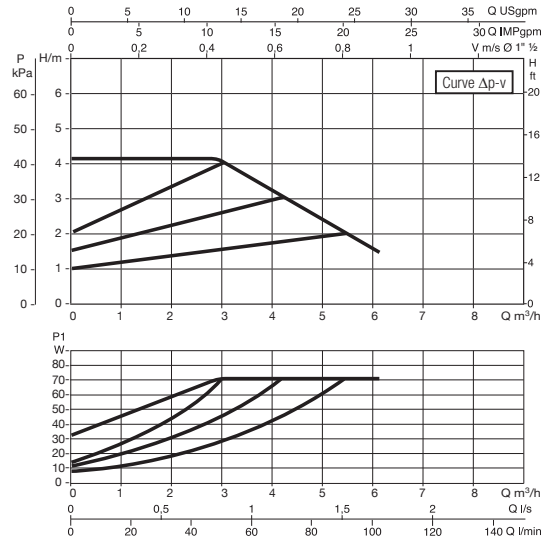
TECHNICAL DATA - EVOPLUS SMALL SAN

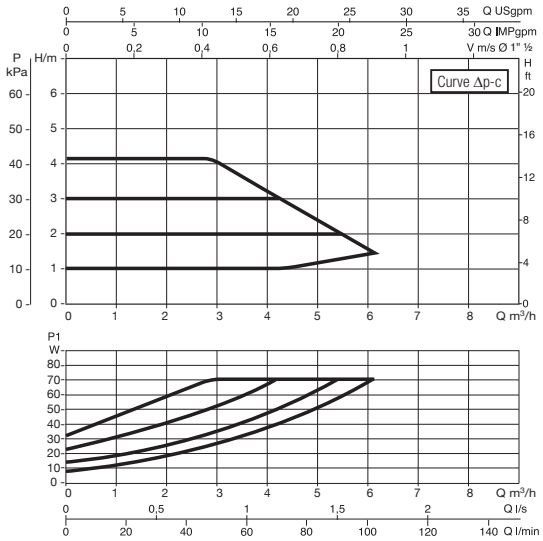
MODEL	CODE	CENTRE DISTANCE mm	UNIONS A RICHIESTA		COUNTERFLANGES ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA								MINIMUM HEAD PRESSURE
			STANDARD	SPECIAL		VOLTAGE 50/60 Hz	P1 MAX W	In A	Q m³/h l/min	0	2,4	3	4,2	5,4	7,2	9,6	
										0	40	50	70	90	120	160	
EVOPLUS 40/180 SAN M	60151144	180	1" F	1/2" F - 3/4" F - UNION KIT TO BE WELDED Ø 22 / Ø 28		220/240 V	70	0,52		4,2	4,2	4	3,1	2,4			t° 90° 100° m.c.a 20 25
EVOPLUS 60/180 SAN M	60151145	180	1" F	1/2" F - 3/4" F - UNION KIT TO BE WELDED Ø 22 / Ø 28		220/240 V	100	0,72		6,1	6,1	5,8	4,6	3,4			t° 90° 100° m.c.a 20 25
EVOPLUS 80/180 SAN M	60151146	180	1" F	1/2" F - 3/4" F - UNION KIT TO BE WELDED Ø 22 / Ø 28		220/240 V	135	0,95		8,2	8,2	7,7	6,2	4,8	2,9		t° 90° 100° m.c.a 20 25
EVOPLUS 110/180 SAN M	60151147	180	1" F	1/2" F - 3/4" F - UNION KIT TO BE WELDED Ø 22 / Ø 28		220/240 V	170	1,16		11,1	10,1	9,2	7,5	5,9	3,9		t° 90° 100° m.c.a 20 25
EVOPLUS B 40/220.32 SAN M	60151148	220			DN 32 PN 6	220/240 V	85	0,55		4	4	3,9	3,1	2,2	0,9		t° 90° 100° m.c.a 20 25
EVOPLUS B 60/220.32 SAN M	60151151	220			DN 32 PN 6	220/240 V	110	0,75		6	5,8	5,5	4,5	3,4	1,9		t° 90° 100° m.c.a 20 25
EVOPLUS B 80/220.32 SAN M	60151152	220			DN 32 PN 6	220/240 V	150	0,97	H (m)	8	7,8	7,4	6,1	4,7	2,8		t° 90° 100° m.c.a 20 25
EVOPLUS B 110/220.32 SAN M	60151153	220			DN 32 PN 6	220/240 V	200	1,3		11	10,5	9,8	8,2	6,6	4,7	2	t° 90° 100° m.c.a 20 25
EVOPLUS B 40/250.40 SAN M	60151154	250			DN 40 PN 10	220/240 V	75	0,55		4,2	4,2	4,2	3,3	2,5	1,3		t° 90° 100° m.c.a 20 25
EVOPLUS B 60/250.40 SAN M	60151155	250			DN 40 PN 10	220/240 V	105	0,75		6,1	6,1	5,6	4,6	3,6	2,2		t° 90° 100° m.c.a 20 25
EVOPLUS B 80/250.40 SAN M	60151157	250			DN 40 PN 10	220/240 V	140	0,97		8	8	7,3	6	4,9	3,3		t° 90° 100° m.c.a 20 25
EVOPLUS B 110/250.40 SAN M	60151158	250			DN 40 PN 10	220/240 V	190	1,3		11,2	10,5	9,6	8,1	6,8	5	2,6	t° 90° 100° m.c.a 20 25

EVOPLUS SMALL SAN

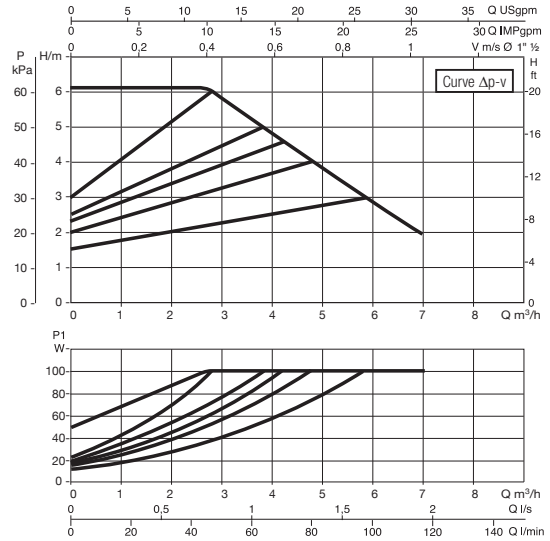
WET ROTOR ELECTRONIC CIRCULATORS

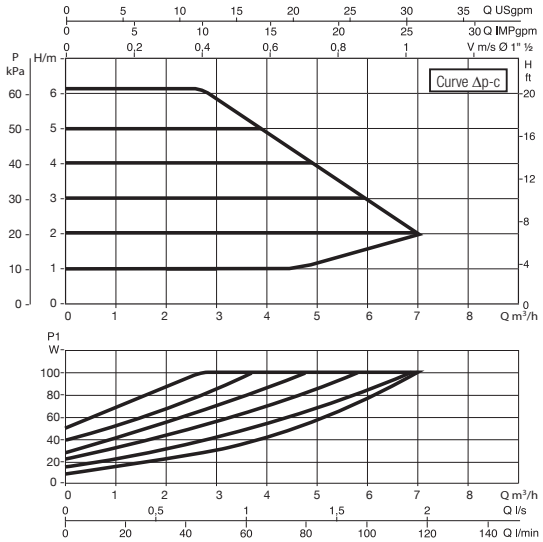
EVOPLUS 40/180 SAN M



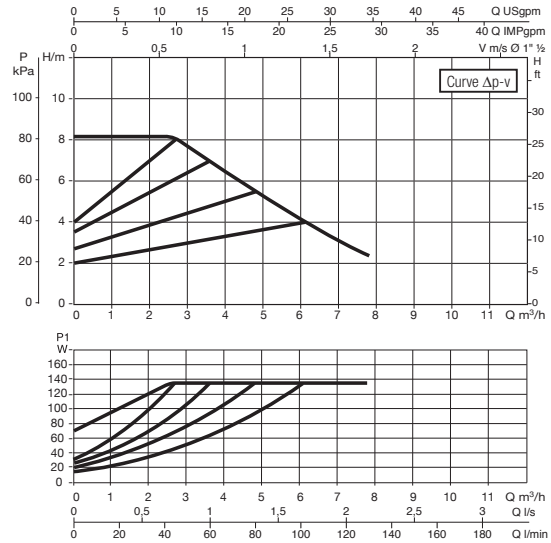


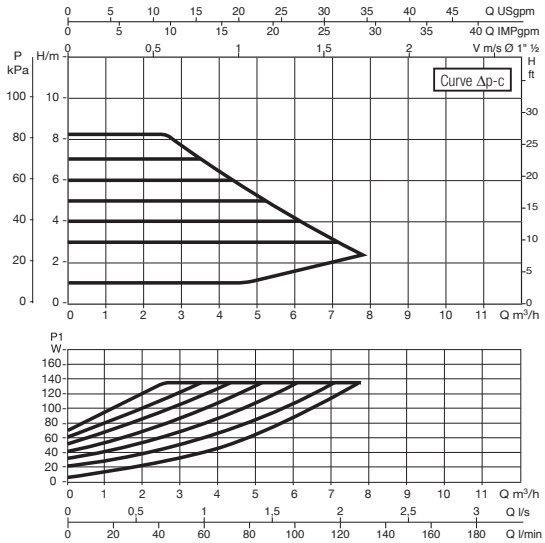
EVOPLUS 60/180 SAN M





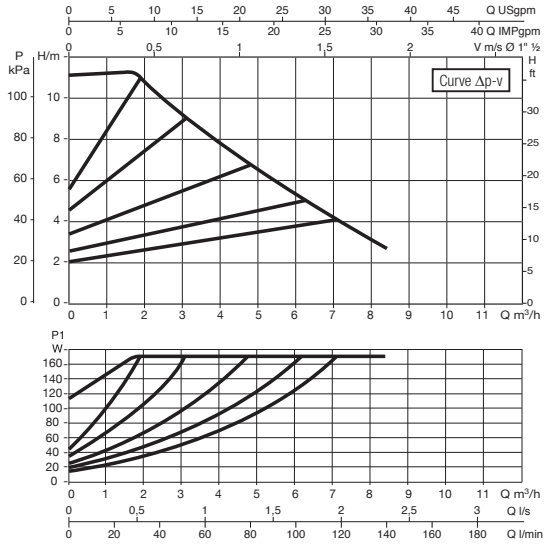
EVOPLUS 80/180 SAN M

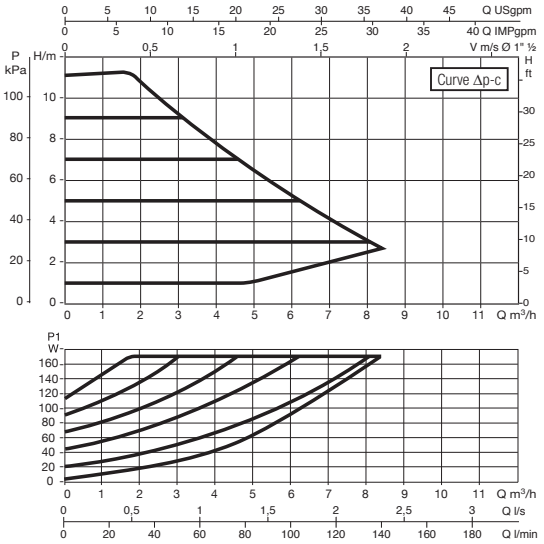




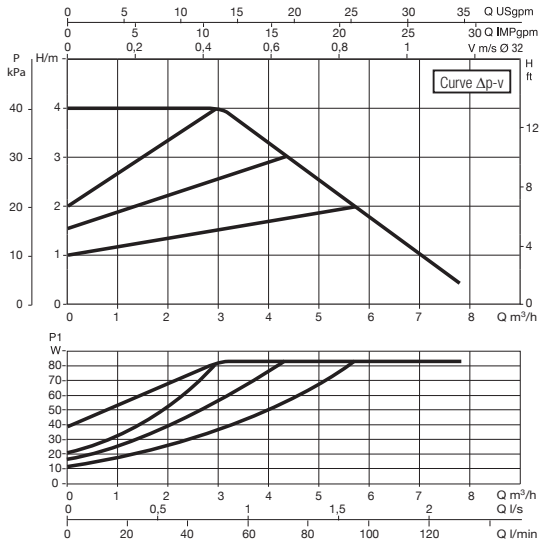
EVOPLUS SMALL SAN
WET ROTOR ELECTRONIC CIRCULATORS

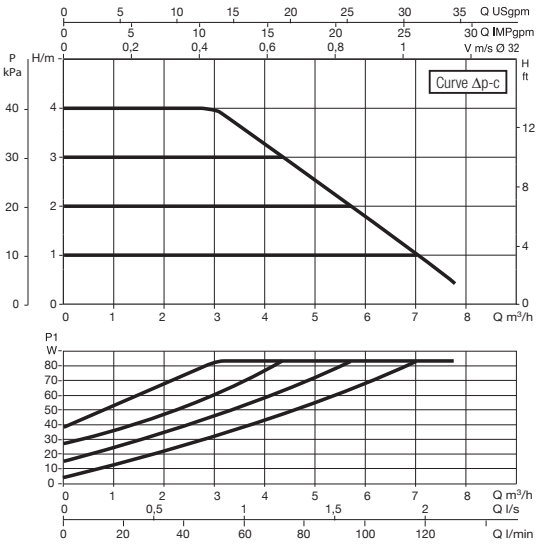
EVOPLUS 110/180 SAN M



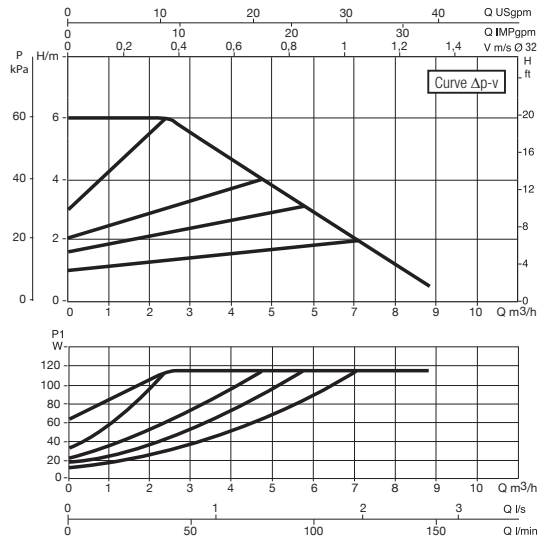


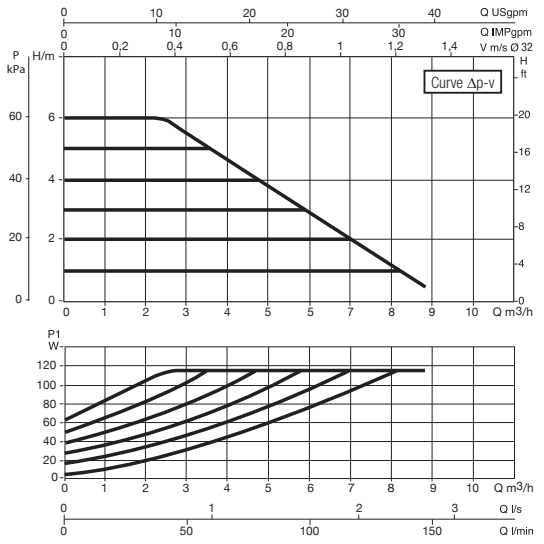
EVOPLUS B 40/220.32 SAN M



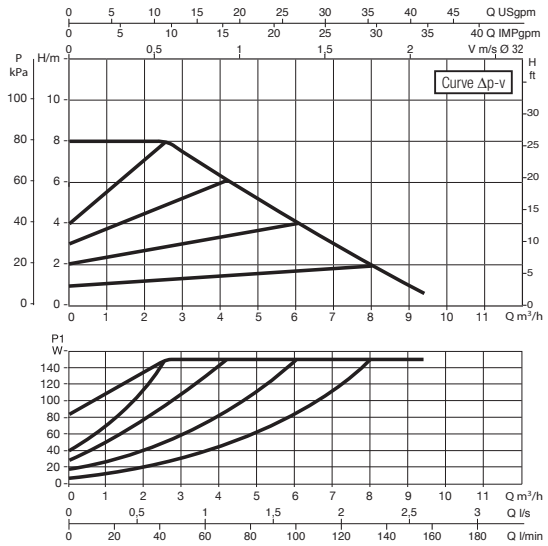


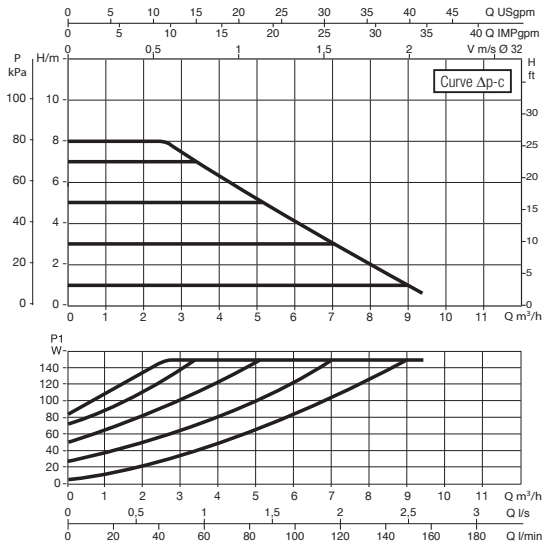
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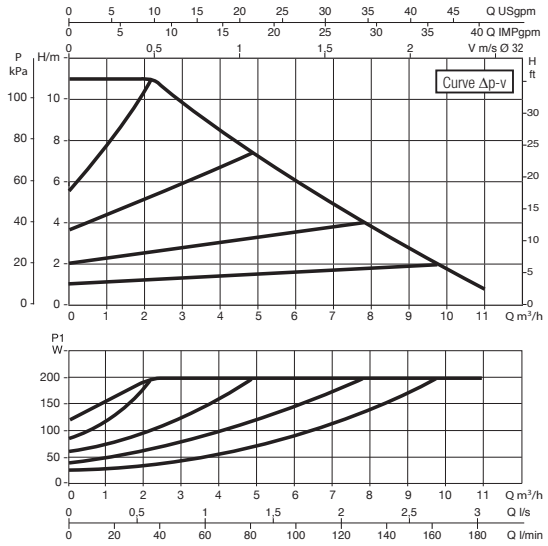


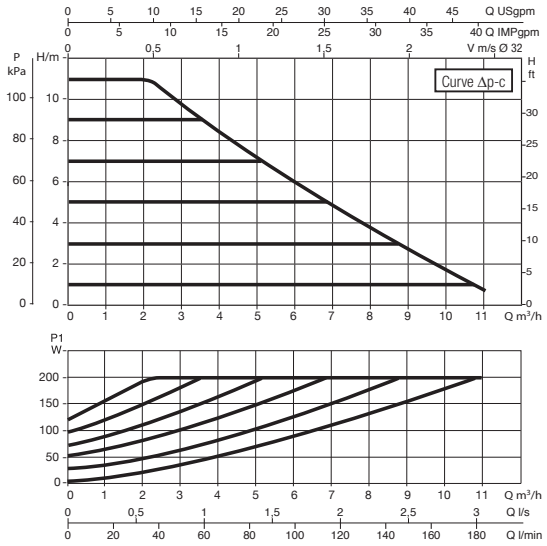
EVOPLUS B 80/220.32 SAN M



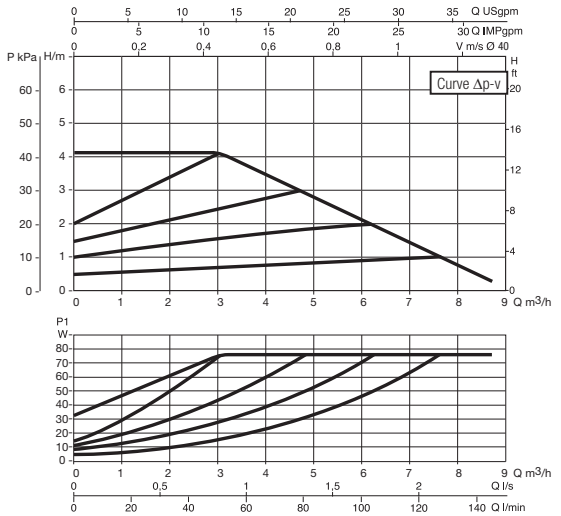


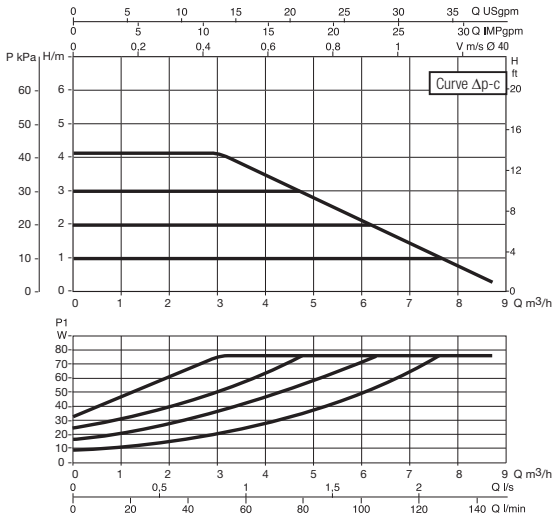
EVOPLUS B 110/220.32 SAN M





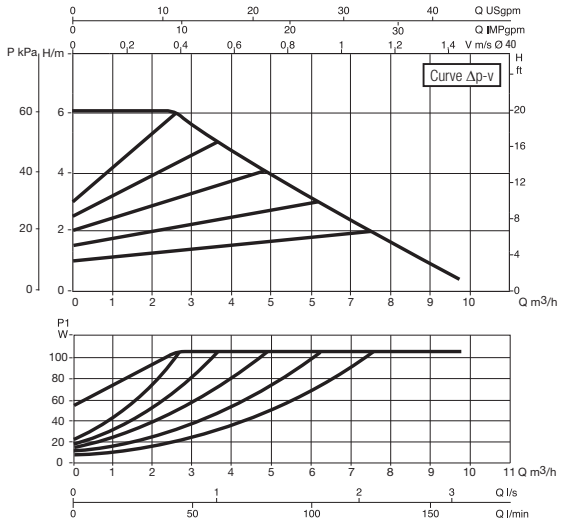
EVOPLUS B 40/250.40 SAN M

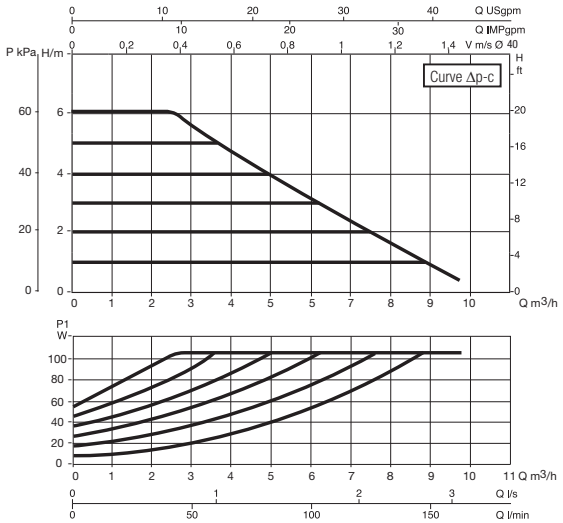




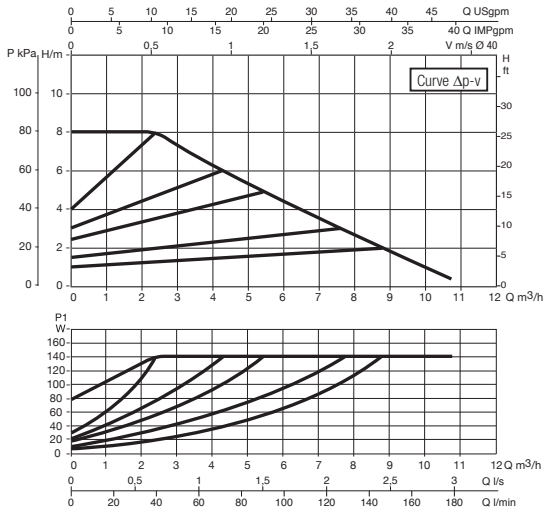
EVOPLUS SMALL SAN
WET ROTOR ELECTRONIC CIRCULATORS

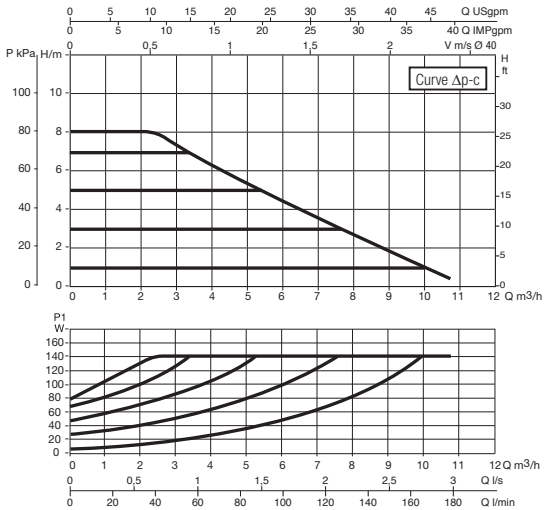
EVOPLUS B 60/250.40 SAN M



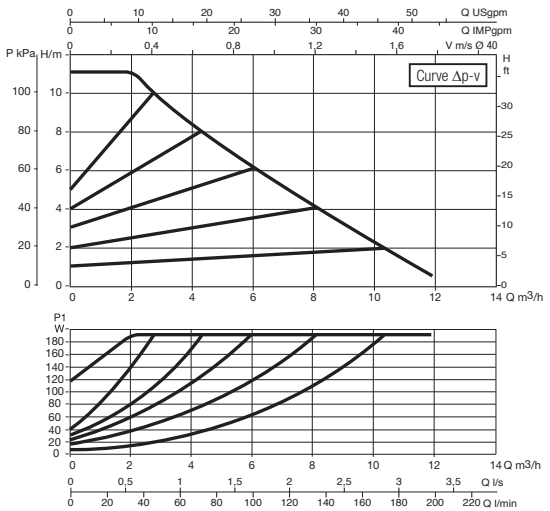


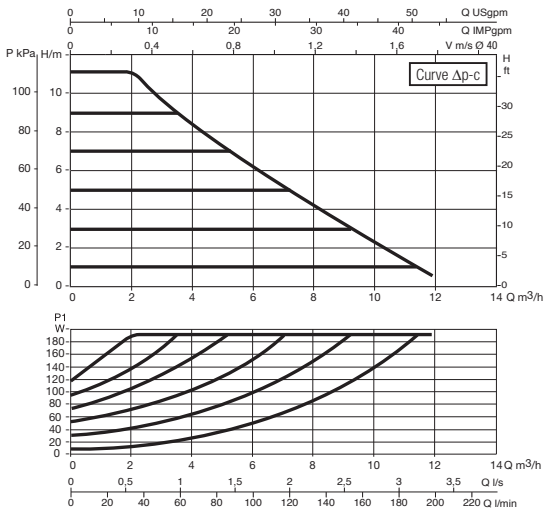
EVOPLUS B 80/250.40 SAN M





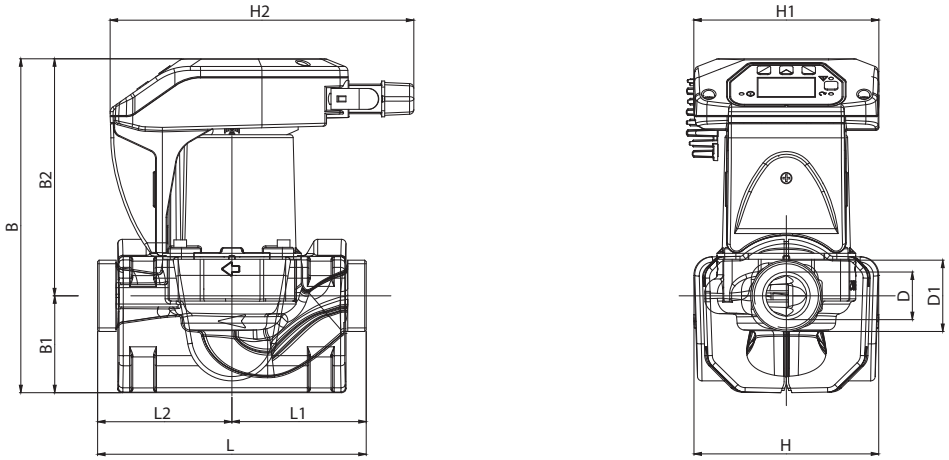
EVOPLUS B 110/250.40 SAN M





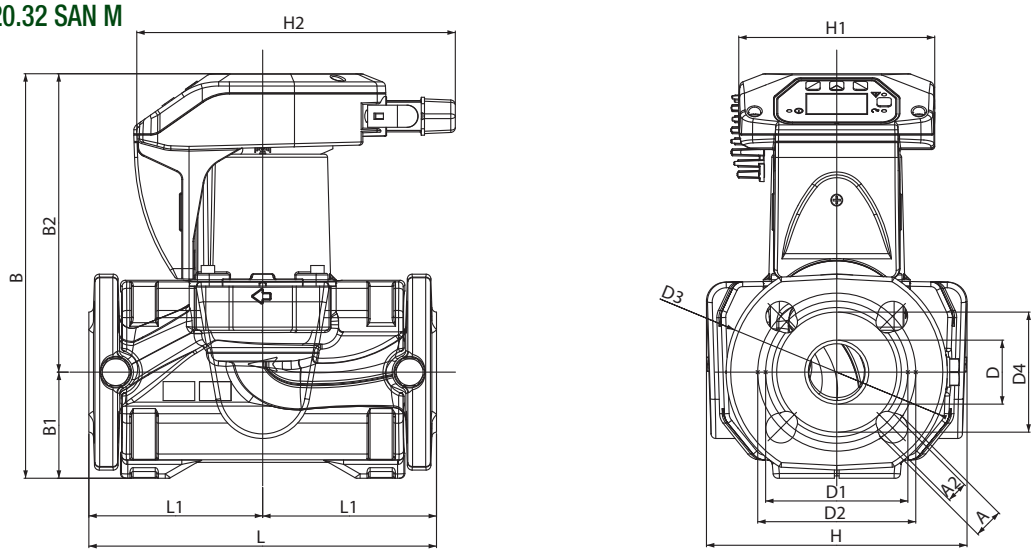
DIMENSIONS AND WEIGHT

EVOPLUS .../180 SAN M



MODEL	L	L1	L2	B	B1	B2	D	D1	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS 40/180 SAN M	180	90	90	224	65	159	32	1"½	124	124	204	4,5	104
EVOPLUS 60/180 SAN M	180	90	90	224	65	159	32	1"½	124	124	204	4,5	104
EVOPLUS 40/180 SAN M	180	90	90	224	65	159	32	1"½	124	124	204	4,5	104
EVOPLUS 60/180 SAN M	180	90	90	224	65	159	32	1"½	124	124	204	4,5	104

EVOPLUS B .../220.32 SAN M

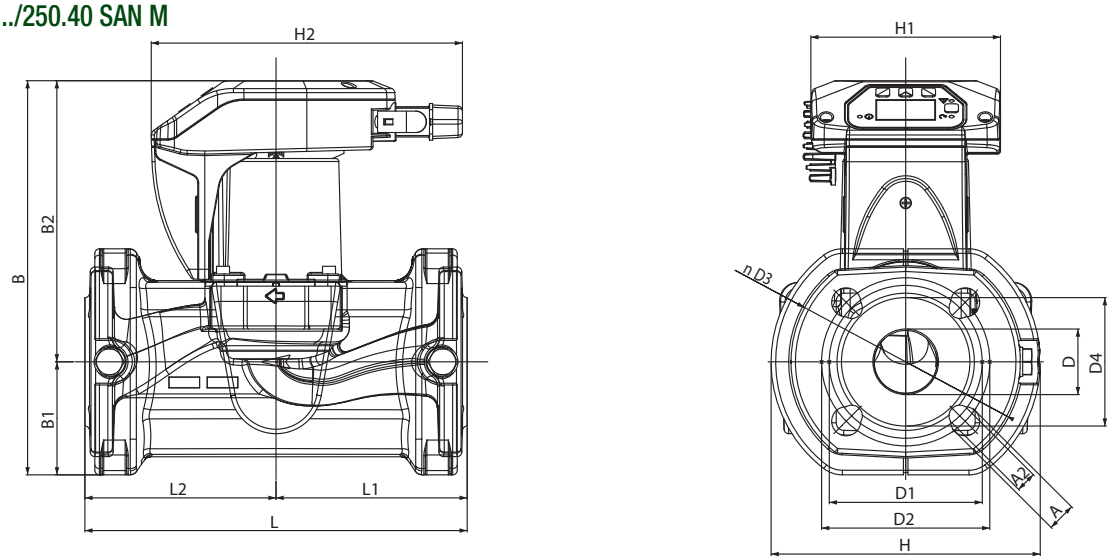


MODEL	L	L1	L2	A	A2	B	B1	B2	D	D1	D2	D3	D4	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS B 40/220.32 SAN M	220	110	110	19	14	256	67	189	40	90	100	140	76	165	124	204	8,6	51
EVOPLUS B 60/220.32 SAN M	220	110	110	19	14	256	67	189	40	90	100	140	76	165	124	204	8,6	51
EVOPLUS B 80/220.32 SAN M	220	110	110	19	14	256	67	189	40	90	100	140	76	165	124	204	8,6	51
EVOPLUS B 110/220.32 SAN M	220	110	110	19	14	256	67	189	40	90	100	140	76	165	124	204	8,6	51

DAB PUMPS reserves the right to make modifications without notice

DIMENSIONS AND WEIGHT

EVOPLUS B .../250.40 SAN M



MODEL	L	L1	L2	A	A2	B	B1	B2	D	D1	D2	D3	D4	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS B 40/250.40 SAN M	250	125	125	19	14	258	74	184	43	100	110	150	84	176	124	204	9,3	51
EVOPLUS B 60/250.40 SAN M	250	125	125	19	14	258	74	184	43	100	110	150	84	176	124	204	9,3	51
EVOPLUS B 80/250.40 SAN M	250	125	125	19	14	258	74	184	43	100	110	150	84	176	124	204	9,3	51
EVOPLUS B 110/250.40 SAN M	250	125	125	19	14	258	74	184	43	100	110	150	84	176	124	204	9,3	51

evoplus

EVOPLUS SAN

WET ROTOR ELECTRONIC CIRCULATORS

CE

HOT WATER SYSTEMS



Circulator for domestic hot water systems of the closed circuit pressurized type or open circuit type. Bronze pump body. Motor casing in die-cast aluminium. Technopolymer impeller. Steel motor shaft mounted on ceramic bushings lubricated by the pumped liquid. Stainless steel rotor sleeve and closing flange, stator sleeve in carbon fibre composite. Ceramic thrust ring, ethylene propylene sealing rings. Synchronous motor with permanent magnet rotor.

Operating range:
from 2 to 12 m3/h with head up to 11 meters.
Liquid temperature range:
from -10 °C to 110 °C.
Pumped liquid: clean, free from solids and mineral oils, not viscous, chemically neutral, close to the properties of water.
Maximum working pressure: 16 bar (1600 kPA).
Protection rating: IP 44.
Insulation class: F.
Installation: with horizontal motor shaft.

ACCESSORIES
PAG. 227

TECHNICAL DATA - EVOPLUS SAN

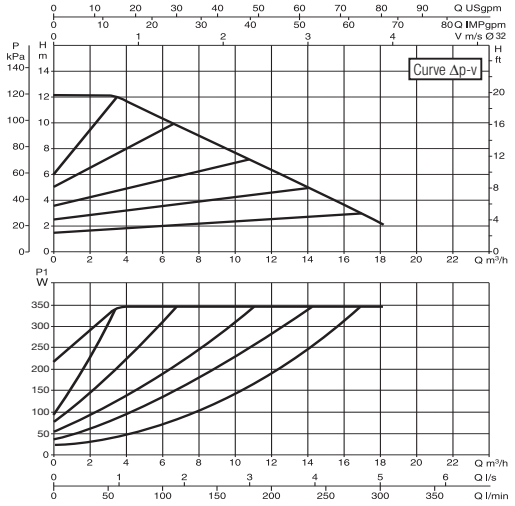
MODEL	CODE	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA												MINIMUM HEAD PRESSURE
				VOLTAGE 50/60 Hz	P1 MAX W	In A	Q m^3/h l/min	0	4,2	5,4	7,2	9,6	12	14,4	18	24	30	36	42	
								0	70	90	120	160	200	240	300	400	500	600	700	
EVOPLUS B 120/220.32 SAN M	60151163	220	DN 32 PN 6	220/240 V	340	1,7		12,1	11,5	10,7	9,5	7,9	6,3	4,7	2,2					t° 90° 100° m.c.a 20 25
EVOPLUS B 120/250.40 SAN M	60151164	250	DN 40 PN 10	220/240 V	465	2,2		12			11,5	10,1	8,7	7,3	5,2					t° 90° 100° m.c.a 20 25
EVOPLUS B 150/250.40 SAN M	60151165	250	DN 40 PN 10	220/240 V	610	2,9		15			14,5	12,8	11,3	9,7	7,5	3,8				t° 90° 100° m.c.a 20 25
EVOPLUS B 180/250.40 SAN M	60151166	250	DN 40 PN 10	220/240 V	610	2,9		18		16,2	14,6	13	11,2	9,6	7,4	3,9				t° 90° 100° m.c.a 20 25
EVOPLUS B 100/280.50 SAN M	60151167	280	DN 50 PN 10	220/240 V	430	2,1		10			9,4	8,4	7,5	6,7	5,5	3,6	2			t° 90° 100° m.c.a 20 25
EVOPLUS B 120/280.50 SAN M	60151169	280	DN 50 PN 10	220/240 V	530	2,5		12			11	9,9	9	8,2	6,9	4,8	3			t° 90° 100° m.c.a 20 25
EVOPLUS B 150/280.50 SAN M	60151170	280	DN 50 PN 10	220/240 V	640	3	H (m)	15,3			12,4	11,5	10,6	9,6	8,3	6,2	4,2			t° 90° 100° m.c.a 20 25
EVOPLUS B 180/280.50 SAN M	60151171	280	DN 50 PN 10	220/240 V	750	3,45		17,1			14	13	12	11,1	9,7	7,4	5,2	3,1		t° 90° 100° m.c.a 20 25
EVOPLUS B 40/340.65 SAN M	60151172	340	DN 65 PN 10	220/240 V	190	1,1		4			4	3,8	3,4	3	2,4	1,4				t° 90° 100° m.c.a 20 25
EVOPLUS B 60/340.65 SAN M	60151173	340	DN 65 PN 10	220/240 V	355	1,8		6				6	5,9	5,4	4,7	3,7	2,2			t° 90° 100° m.c.a 20 25
EVOPLUS B 80/340.65 SAN M	60151176	340	DN 65 PN 10	220/240 V	465	2,2		8				7,8	7,4	6,8	5,9	4,6	3,5	2		t° 90° 100° m.c.a 20 25
EVOPLUS B 100/340.65 SAN M	60151177	340	DN 65 PN 10	220/240 V	590	2,8		10,1				9,8	9,1	8,4	7,6	6,1	4,7	3,1		t° 90° 100° m.c.a 20 25
EVOPLUS B 120/340.65 SAN M	60151178	340	DN 65 PN 10	220/240 V	730	3,45		12				11,5	10,8	10	9	7,4	5,9	4,6	2,8	t° 90° 100° m.c.a 20 25
EVOPLUS B 150/340.65 SAN M	60151179	340	DN 65 PN 10	220/240 V	1210	5,5		15,2					14,9	14,7	14	12,1	10,3	8,5	6,9	t° 90° 100° m.c.a 20 25

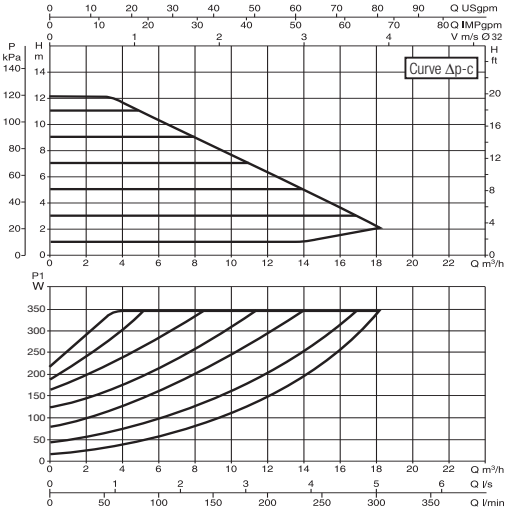
DAB PUMPS reserves the right to make modifications without notice

DAB WATER•TECHNOLOGY

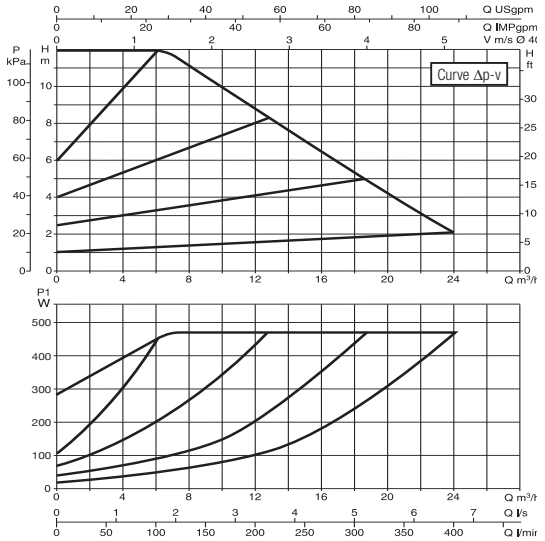
EVOPLUS SAN
WET ROTOR ELECTRONIC CIRCULATORS

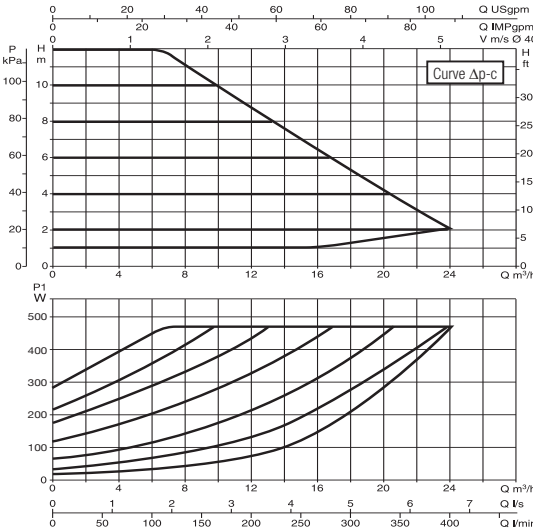
EVOPLUS B 120/220.32 SAN M



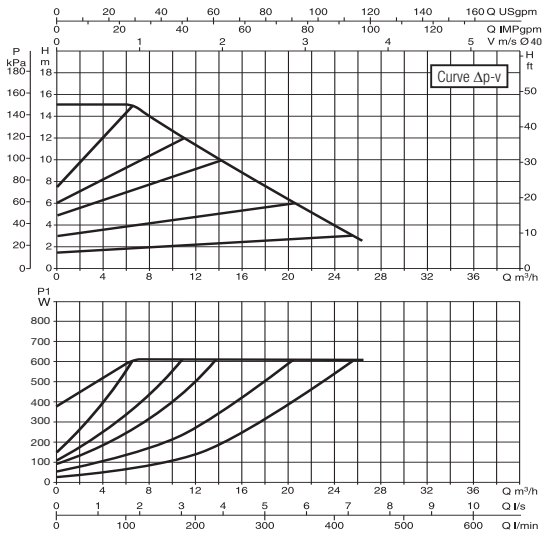


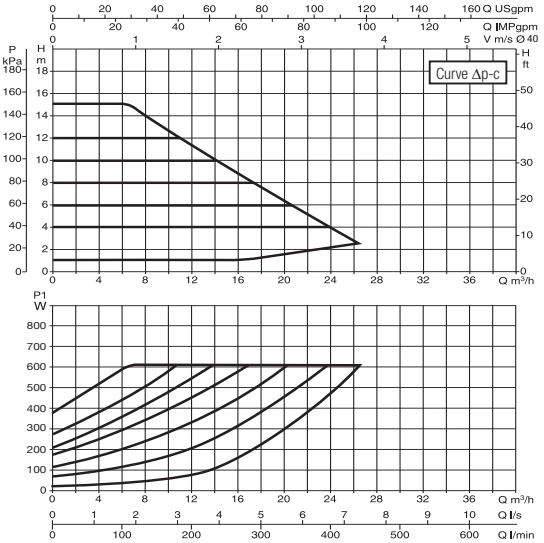
EVOPLUS B 120/250.40 SAN M



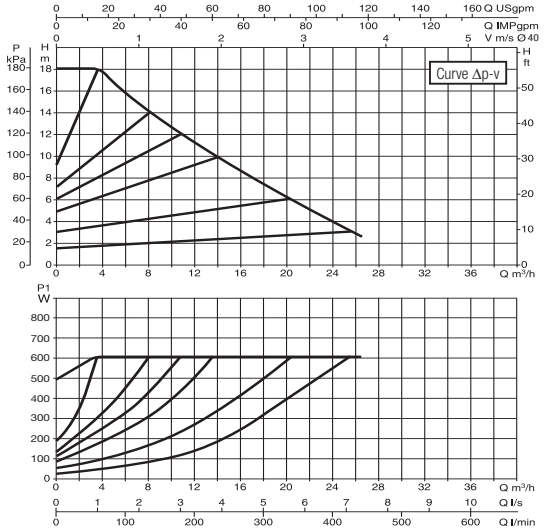


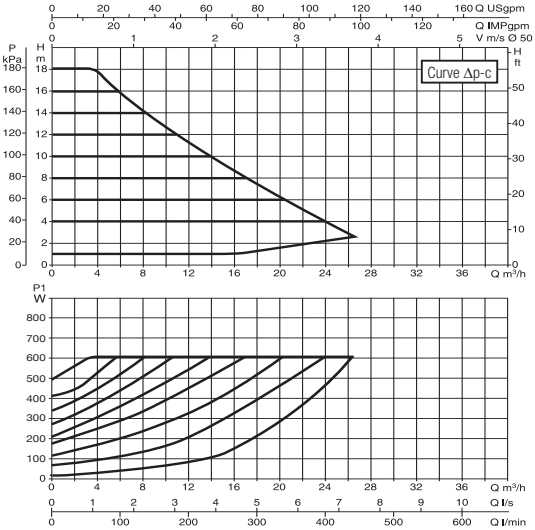
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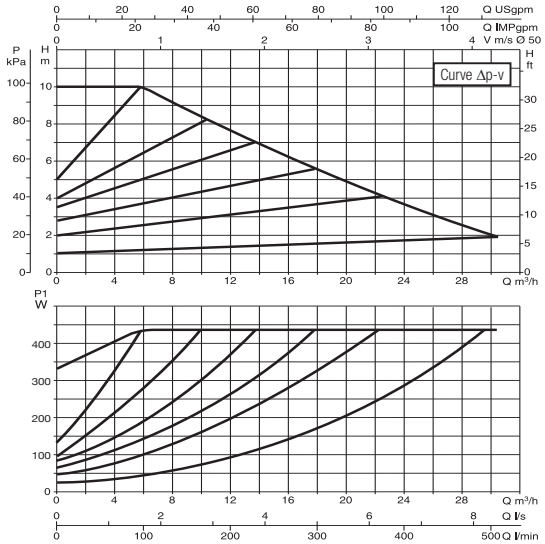


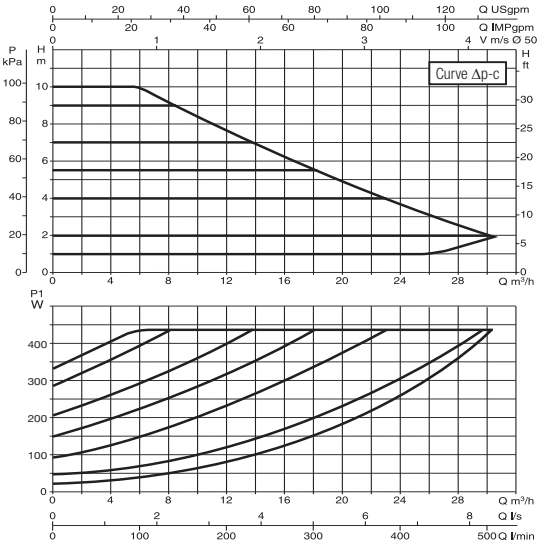
EVOPLUS B 180/250.40 SAN M



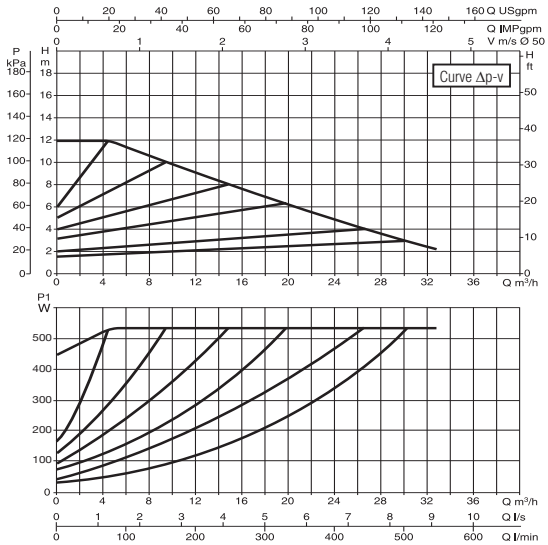


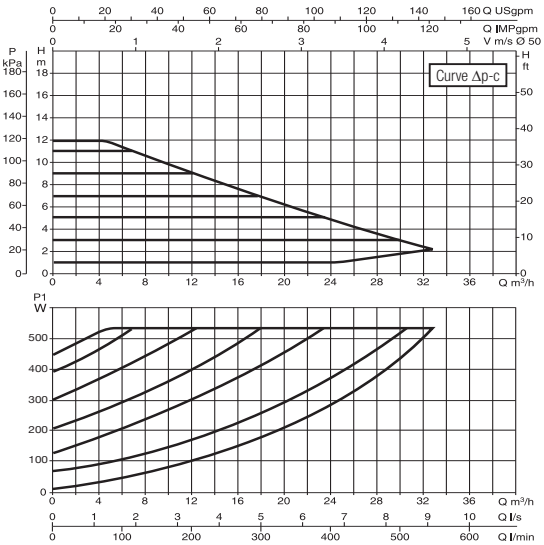
EVOPLUS B 100/280.50 SAN M





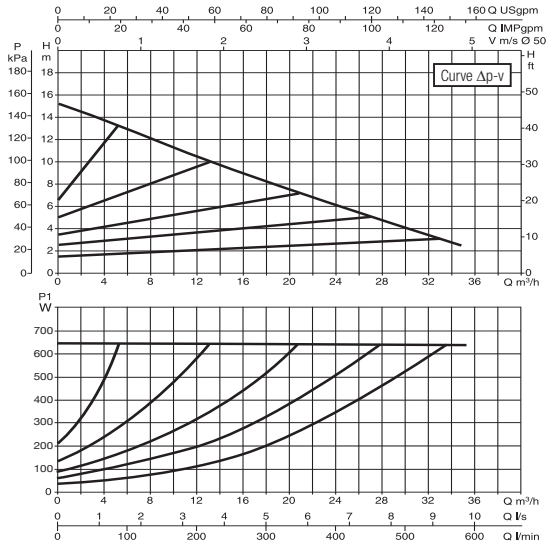
EVOPLUS B 120/280.50 SAN M

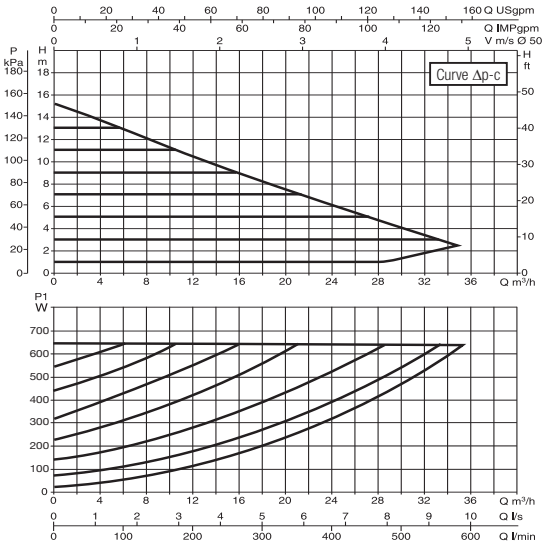




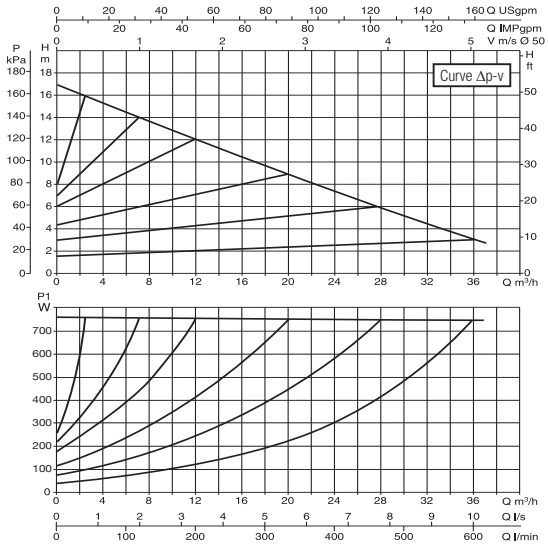
EVOPLUS SAN
WET ROTOR ELECTRONIC CIRCULATORS

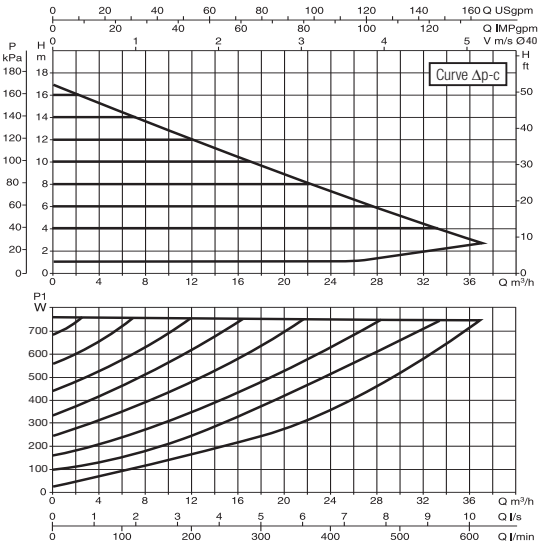
EVOPLUS B 150/280.50 SAN M



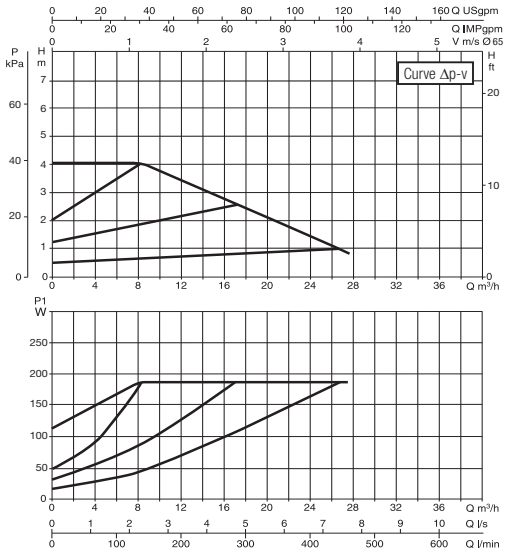


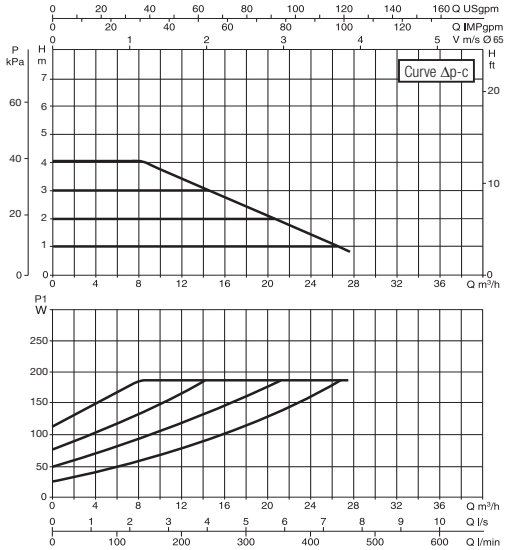
EVOPLUS B 180/280.50 SAN M



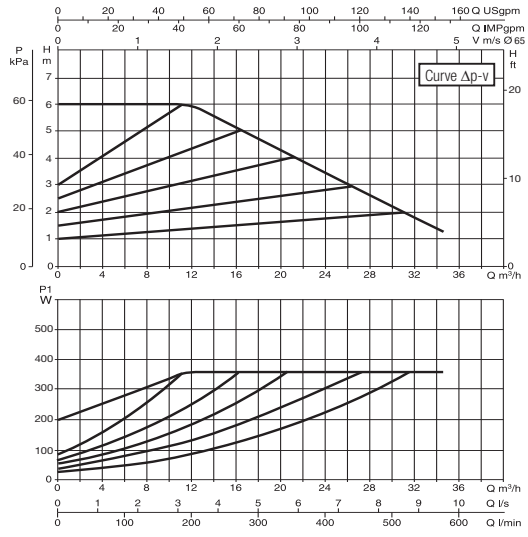


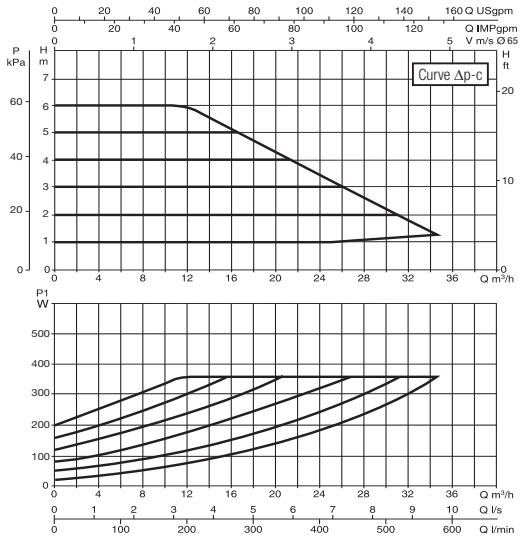
EVOPLUS B 40/340.65 SAN M



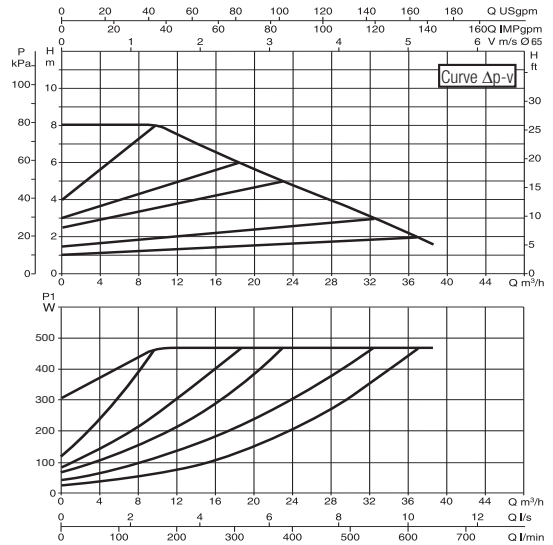


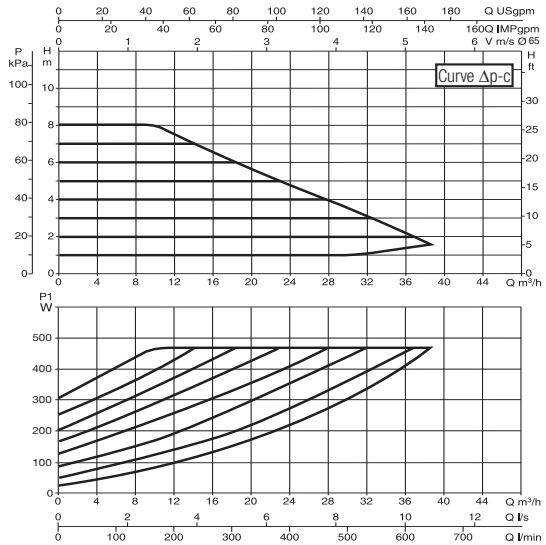
EVOPLUS B 60/340.65 SAN M



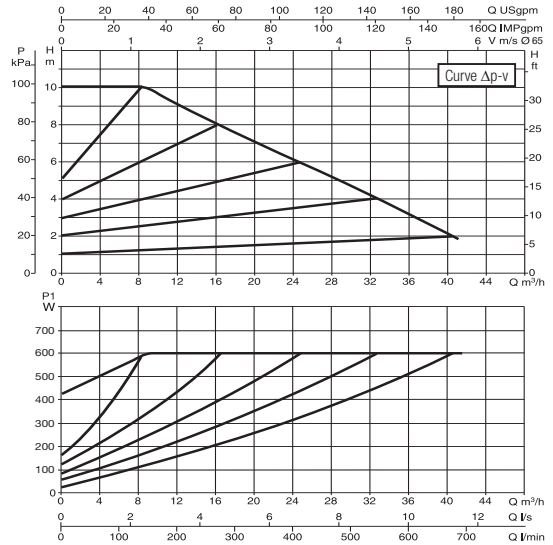


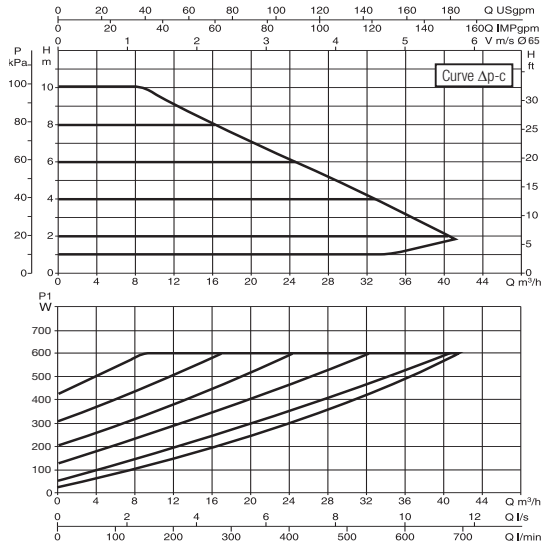
EVOPLUS B 80/340.65 SAN M





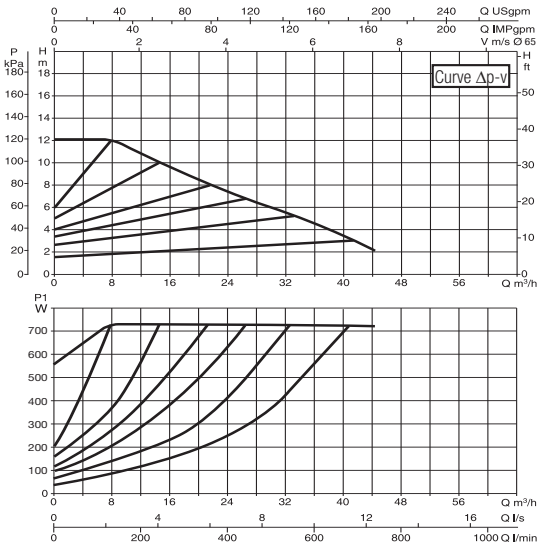
EVOPLUS B 100/340.65 SAN M

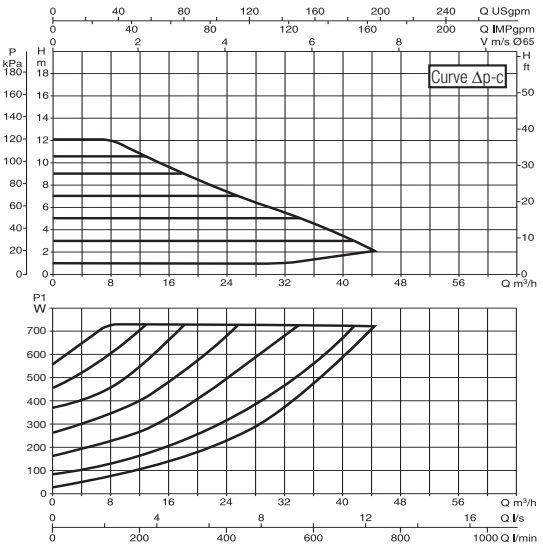




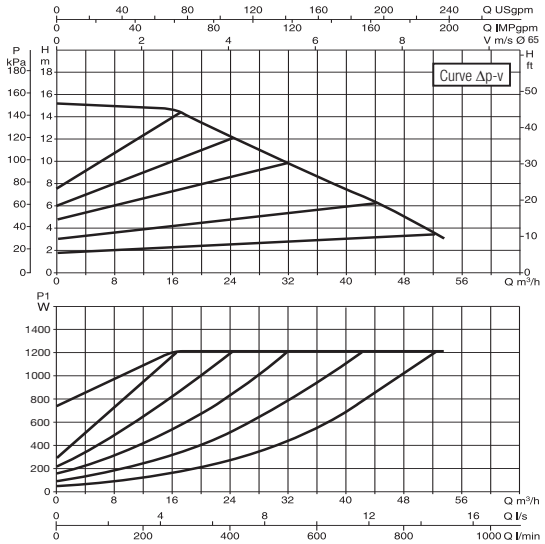
EVOPLUS SAN
WET ROTOR ELECTRONIC CIRCULATORS

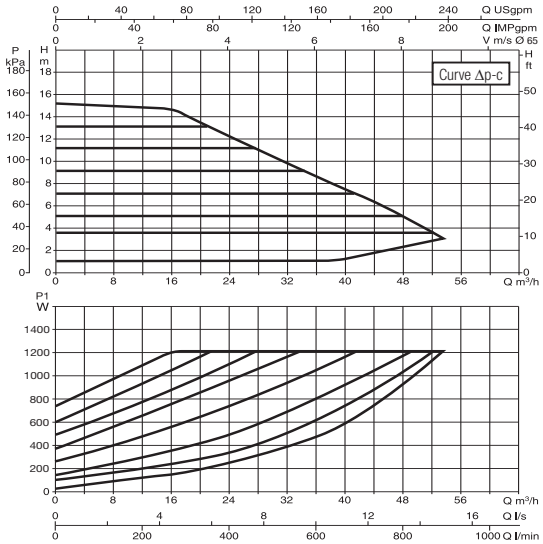
EVOPLUS B 120/340.65 SAN M





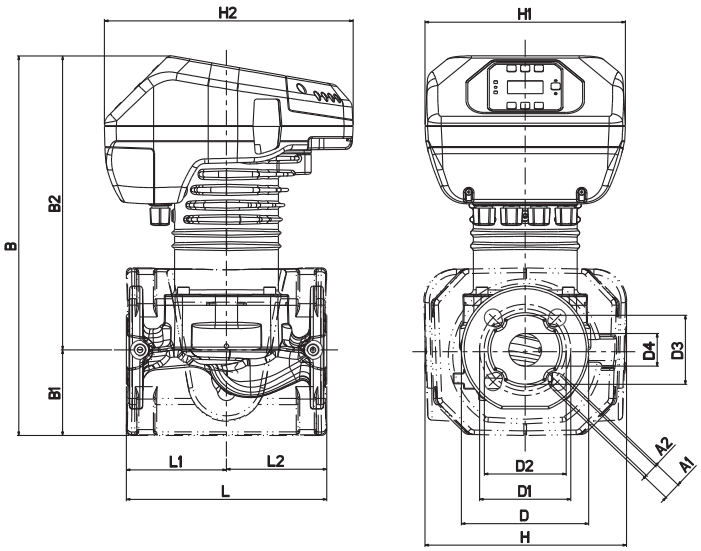
EVOPLUS B 150/340.65 SAN M





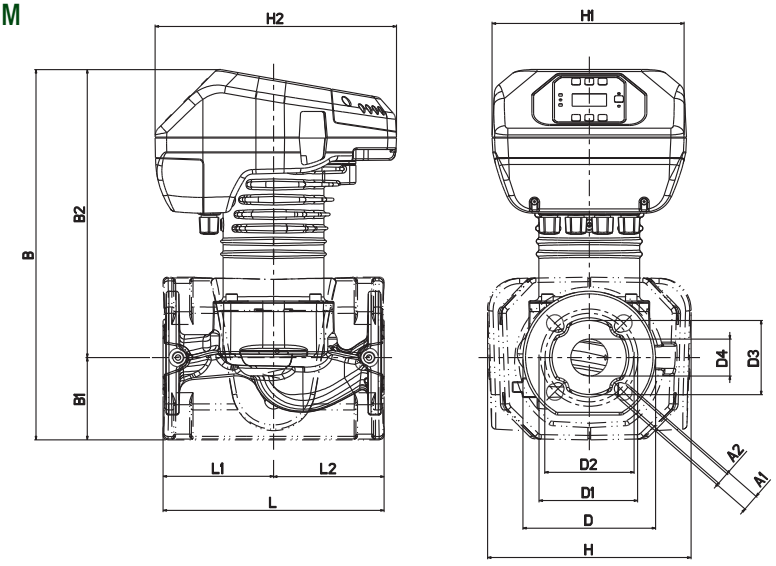
DIMENSIONS AND WEIGHT

EVOPLUS B 120/220.32 SAN M



MODEL	L	L1	L2	A1	A2	B	B1	B2	D	D1	D2	D3	D4	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS B 120/220.32 SAN M	220	110	110	19	14	417	94	323	140	100	90	76	36	222	220	273	24	8

EVOPLUS B .../250.40 SAN M

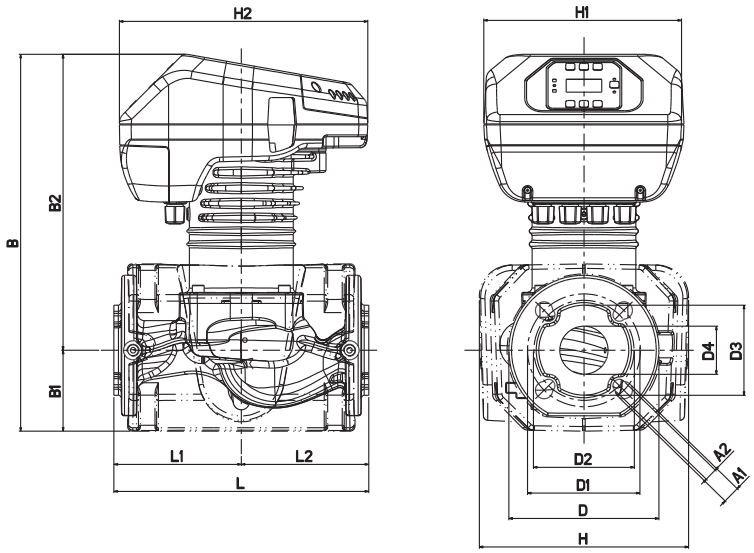


MODEL	L	L1	L2	A1	A2	B	B1	B2	D	D1	D2	D3	D4	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS B 120/250.40 SAN M	250	125	125	19	14	419	93	326	150	110	100	84	42	230	220	273	22	8
EVOPLUS B 150/250.40 SAN M	250	125	125	19	14	419	93	326	150	110	100	84	42	230	220	273	20	8
EVOPLUS B 180/250.40 SAN M	250	125	125	19	14	419	93	326	150	110	100	84	42	230	220	273	20	8

DAB PUMPS reserves the right to make modifications without notice

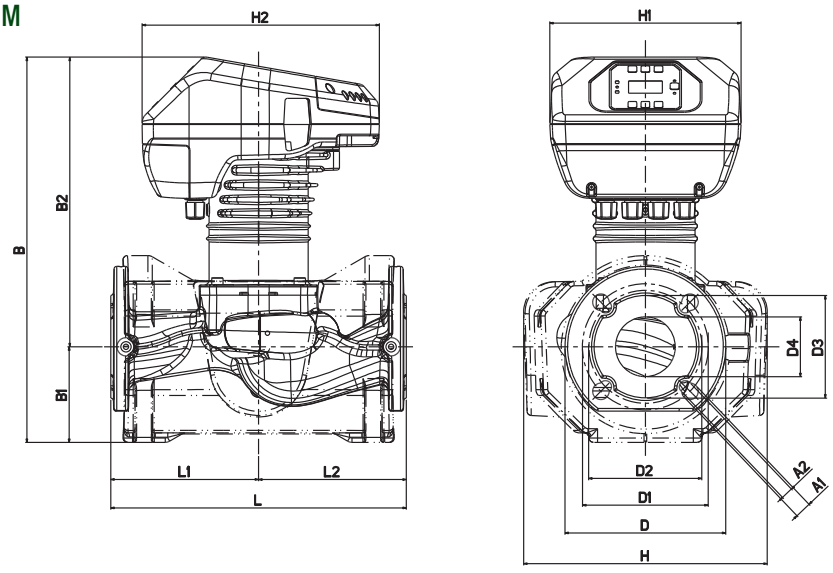
DIMENSIONS AND WEIGHT

EVOPLUS B .../280.50 SAN M



MODEL	L	L1	L2	A1	A2	B	B1	B2	D	D1	D2	D3	D4	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS B 100/280.50 SAN M	280	140	140	19	14	413	87	325	165	125	110	99	53	230	220	273	22	8
EVOPLUS B 120/280.50 SAN M	280	140	140	19	14	413	87	325	165	125	110	99	53	230	220	273	21,8	8
EVOPLUS B 150/280.50 SAN M	280	140	140	19	14	413	87	325	165	125	110	99	53	230	220	273	22,8	8
EVOPLUS B 180/280.50 SAN M	280	140	140	19	14	413	87	325	165	125	110	99	53	230	220	273	22,8	8

EVOPLUS D .../340.65 SAN M



MODEL	L	L1	L2	A1	A2	B	B1	B2	D	D1	D2	D3	D4	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS B 40/340.65 SAN M	340	170	170	19	14	443	110	333	185	145	130	118	69	280	220	273	27	8
EVOPLUS B 60/340.65 SAN M	340	170	170	19	14	443	110	333	185	145	130	118	69	280	220	273	27,2	8
EVOPLUS B 80/340.65 SAN M	340	170	170	19	14	443	110	333	185	145	130	118	69	280	220	273	27,8	8
EVOPLUS B 100/340.65 SAN M	340	170	170	19	14	443	110	333	185	145	130	118	69	280	220	273	28	8
EVOPLUS B 120/340.65 SAN M	340	170	170	19	14	443	110	333	185	145	130	118	69	280	220	273	28,2	8
EVOPLUS B 150/340.65 SAN M	340	170	170	19	14	443	110	333	185	145	130	118	69	280	220	273	30	8

VS
WET ROTOR CIRCULATORS



CE

HOT WATER SYSTEMS

Pump for hot water circulation in hot water domestic systems of the closed and pressurised or open tank type. Also suitable for solar power systems.
Single body formed of the bronze hydraulic unit. Die-cast aluminium motor casing. Technopolymer impeller. Ceramic driving shaft mounted on graphite brushings lubricated by the pumped liquid itself.
Stainless steel protective rotor sleeve, stator sleeve and closing flange.
Ceramic thrust bearing, E.P.D.M. "O" rings.
The two-pole or four-pole asynchronous motor with wet rotor is self-protected for resistance. **No overload protection required.**

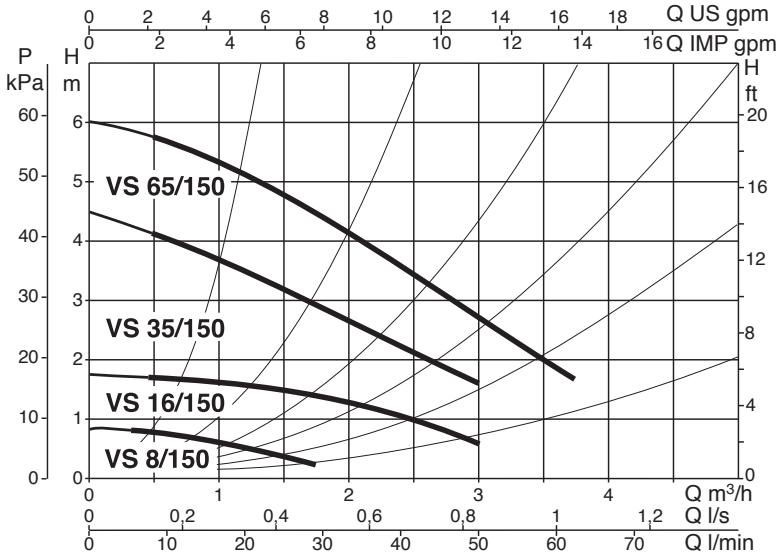
Operating range: from 0.5 to 3,6 m³/h with head up to 6 metres.
Liquid temperature range:
from -10°C to +85°C (for sanitary use)
+110°C (for others use).
Pumped liquid characteristics: clean, free from solids and mineral oils, non viscous, chemically neutral, close to the characteristics of water (max 30% glycol).
Maximum working pressure: 10 bar (1000 kPa).
Protection level: IP 44
Insulation class: F
Cable grommet: PG 11
Installation: with motor axis horizontal.

ACCESSORIES
PAG. 227

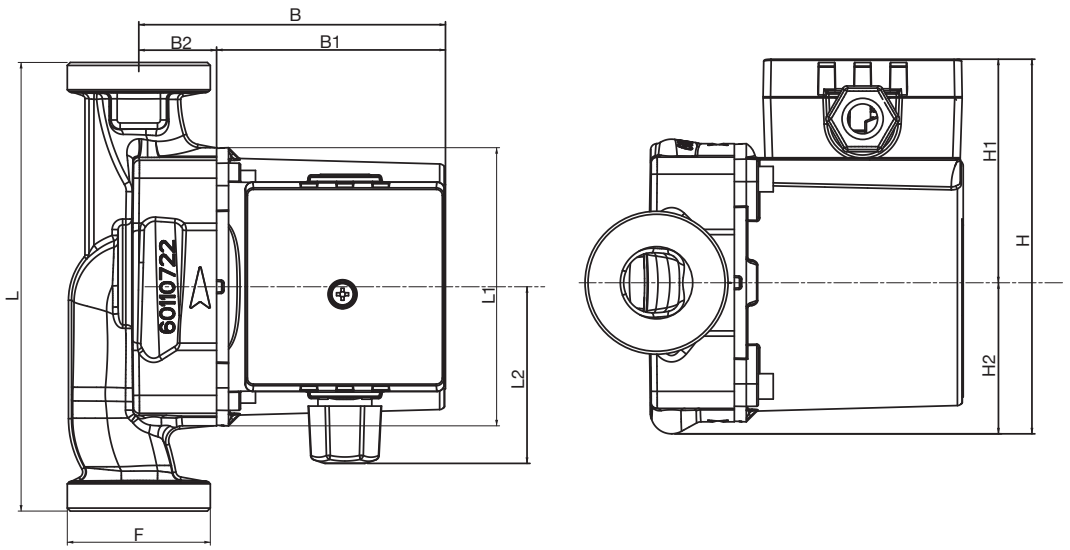
TECHNICAL DATA

MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	UNIONS ON REQUEST		ELECTRICAL DATA					ENERGY CLASS	HYDRAULIC DATA									MINIMUM HEAD PRESSURE
				STANDARDIZED	SPECIAL	VOLTAGE 50 Hz	P1 MAX W	In A	CAPACITOR µF	CAPACITOR Vc		Q=m³h	0	0,6	1,2	1,8	2,4	3	4,2	5,4	
												Q=l/min	0	10	20	30	40	50	70	90	
VS 8/150 M	60112968	150	1 ½"	BRASS 1/2" F - 3/4" F - 1" F COPPER d22 e d28		1x230 V	22	0,14	1,5	450	B	H (m)	0,83	0,75	0,52	0,22					t° +90°C m.c.a. 1,5
VS 16/150 M	60115297	150	1 ½"	BRASS 1/2" F - 3/4" F - 1" F COPPER d22 e d28		1x230 V	41	0,19	1,5	450	B		1,82	1,75	1,65	1,44	1,07	0,6			t° +90°C m.c.a. 1,5
VS 35/150 M	60115298	150	1 ½"	BRASS 1/2" F - 3/4" F - 1" F COPPER d22 e d28		1x230 V	55	0,25	1,7	450	B		4,1	3,7	3,3	2,82	2,2	1,6	1,05		t° +90°C m.c.a. 1,5
VS 65/150 M	60115299	150	1 ½"	BRASS 1/2" F - 3/4" F - 1" F COPPER d22 e d28		1x230 V	78	0,34	2	450	C		6	5,55	5,05	4,25	3,4	2,6	1,8	1,05	t° +90°C m.c.a. 1,5

VS



DIMENSIONS AND WEIGHTS



MODEL	L	L1	L2	B	B1	B2	H	H1	H2	F GAS	PACKAGING DIMENSIONS			WEIGHT KG	Q.TY x PALLET
											L	B	H		
VS 8/150 M	150	98	60	104	78	26	124	75	49	11/2"	134	188	150	2,6	180
VS 16/150 M	150	98	60	104	78	26	124	75	49	11/2"	134	188	150	2,6	180
VS 35/150 M	150	98	60	104	78	26	124	75	49	11/2"	134	188	150	2,6	180
VS 65/150 M	150	98	60	104	78	26	124	75	49	11/2"	134	188	150	2,6	180

ALME / ALPE

ELECTRONIC IN-LINE PUMPS

MCE/C
PAG. 2

CE

HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM



Circulator for hot or cold water with in-line ports, suitable for installation directly on the pipes in civil and industrial heating air conditioning, refrigeration, and domestic water systems. Extremely versatile thanks to the use of the **MCE/C** inverter, the circulator performance is such as to allow automatic adaptation to meet the various requirements of the system, while keeping pressure differentials unchanged.
Pump body and motor support in cast iron.
2" M-GAS inlet and outlet. Impeller in technopolymer, carbon/ceramic mechanical seal.
Four-pole totally enclosed asynchronous motor with external cooling for version **ALME** and two pole motor for version **ALPE**.
Rotor mounted on oversized greased sealed-for-life ball bearings to ensure silent running and long life.
Constructed following the CEI 2-3 standards.

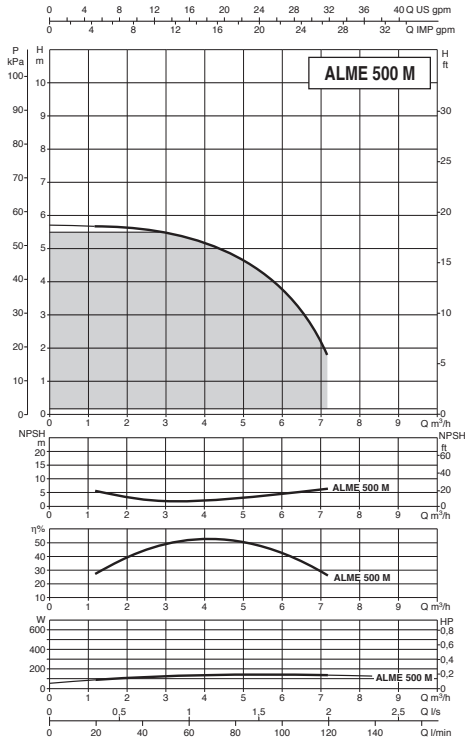
Operating range: from 1 to 8.4 m³/h with head up to 21 meters.
Liquid temperature range: From -15 °C to +120°C.
Liquid quality requirements: clean, free from solid or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, characteristics similar to water – maximum glycol percentage 30 % (for different glycol percentages, please contact the Technical Assistance Service).
Installation: fixed horizontally.
Maximum ambient temperature: +40°C
Maximum working pressure: 10 bar (1000 kPa)
Protection rating: IP 55
Insulation class: F

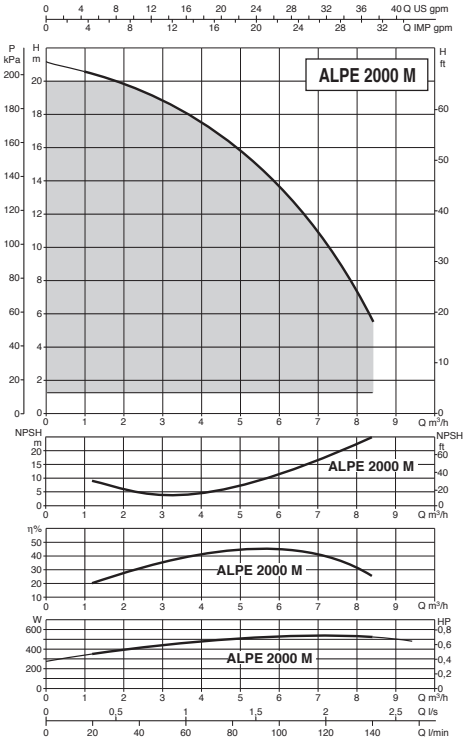
ACCESSORIES
PAG. 227

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA									DNA GAS	DNM GAS
		VOLTAGE 50/60 Hz	MOTOR TYPE	n r.p.m.	P1 MAX W	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m³h	0	1,2	2,4	3,6	4,8	6	7,2	8,4		
									Q=l/min	0	20	40	60	80	100	120	140		
ALME 500 M MCE11/C *	60143227	1x230 V ~	4 POLES	1425	0,20	0,25	0,33	3,20	H (m)	5,5	5,4	5,3	4,8	4,1	3	1,5		2" M	2" M
ALPE 2000 M MCE11/C *	60143228	1x230 V ~	2 POLES	2870	0,69	0,55	0,75	6,40		21,1	20,6	19,6	18	16	13,8	10,5	5,3	2" M	2" M

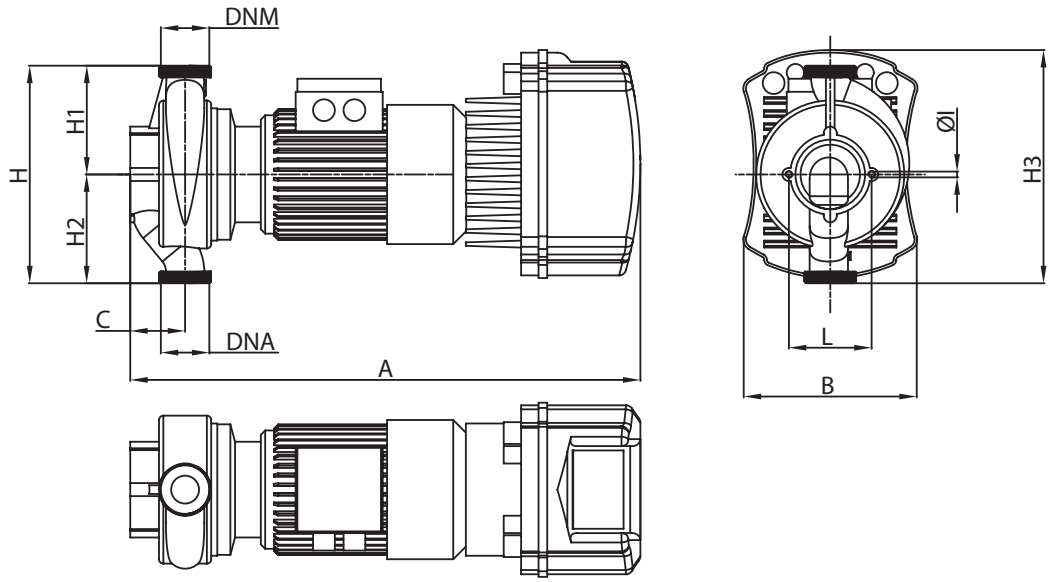
*Three-phase versions available on request





The performance curves are based on kinematic viscosity values = 1 mm2/s and density equivalent to 1000 kg/m3. Tolerance of curves to ISO 9906.

DIMENSIONS AND WEIGHTS



MODEL	A	B	C	L	IØ	H	H1	H2	H3	PACKAGING DIMENSIONS			WEIGHT KG
										L/A	L/B	H	
ALME 500 M MCE11/C	586	200	63	95	8	250	125	125	256	600	234	275	19,5
ALPE 2000 M MCE11/C	586	200	63	95	8	250	125	125	256	600	234	275	19,5

KLME/ KLPE - *HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM*

MODEL	P2 NOMINAL		Q (m^3/h) (l/min)	0	3,6	4,8	6	7,2	8,4	9,6	12	18	30	36	48
	kW	HP		0	60	80	100	120	140	160	200	300	500	600	800
KLPE 40- 600 M MCE11/C	0,37	0,5	H (m)	8,2		7,8	7,4	6,9	6,3	5,7	4				
KLPE 40-1200 M MCE11/C	0,55	0,75		13,7		13,2	12,6	11,9	11,2	10,4	8,4				
KLME 50-600 M MCE11/C	0,25	0,33		5,4		5,2	4,9	4,7	4,5	4,3	3,8	2			
KLPE 50-1200 M MCE11/C	0,75	1		12				11,8	11,6	11	10,5	8,6			
KLME 65-600 M MCE11/C	0,37	0,5		5,5					5,3	5	4,7	3,8			
KLPE 65-1200 M MCE11/C	1,1	1,5		12							11,6	11	8,8	6,7	
KLME 80-600 M MCE11/C	0,75	1		5,7								5,7	5	4,3	2,5
KLPE 80-1200 M MCE22/C	1,84	2,5		11,8									11,5	11	9,7

DKLME / DKLPE- *HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM*

MODEL	P2 NOMINAL		Q (m^3/h) (l/min)	0	3,6	4,8	6	7,2	8,4	9,6	12	18	30	36	48
	kW	HP		0	60	80	100	120	140	160	200	300	500	600	800
DKLPE 40- 600 M MCE11/C	0,37	0,5	H (m)	8,2		7,8	7,4	6,9	6,3	5,7	4				
DKLPE 40-1200 M MCE11/C	0,55	0,75		13,7		13,2	12,6	11,9	11,2	10,4	8,4				
DKLME 50-600 M MCE11/C	0,25	0,33		5,4		5,2	4,9	4,7	4,5	4,3	3,8	2			
DKLPE 50-1200 M MCE11/C	0,75	1		12				11,8	11,6	11	10,5	8,6			
DKLME 65-600 M MCE11/C	0,37	0,5		5,5					5,3	5	4,7	3,8			
DKLPE 65-1200 M MCE11/C	1,1	1,5		12							11,6	11	8,8	6,7	
DKLME 80-600 M MCE11/C	0,75	1		5,7								5,7	5	4,3	2,5
DKLPE 80-1200 M MCE22/C	1,84	2,5		11,8									11,5	11	9,7

KLME / KLPE / DKLME / DKLPE

ELECTRONIC IN-LINE PUMPS

HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM



ENERGY EFFICIENCY IE2



CE

MCE/C

PAG. 2

Circulator for hot or cold water with in-line ports, suitable for installation directly on the pipes in civil and industrial heating air conditioning, refrigeration, and domestic water systems. Extremely versatile thanks to the use of the **MCE/C** inverter, the circulator performance is such as to allow automatic adaptation to meet the various requirements of the system, while keeping pressure differentials unchanged. Pump body and motor support in cast iron. PN 10 Flanged inlet and delivery mouths, fitted with threaded holes for pressure gauges. To facilitate interchangeability in existing installations, the pump is designed to accept PN 6 counterflanges. Impeller in technopolymer. Carbon/ceramic mechanical seal. The pumps are available both in the single version (**KLME-KLPE**) and in the twin version (**DKLME-DKLPE**). An automatic clapet type valve is incorporated into the delivery mouth of the twin version in order to prevent water from recirculating while the unit is not working. In addition, a set of blank flanges is supplied for use when maintenance of one of the two motors is necessary. The twin version makes it possible to alternate operation of the pumps when the back-up unit is requested, or simultaneous operation of the two pumps. Four-pole totally enclosed asynchronous motor with fan-over cooling for versions **KLME** and **DKLME** and two pole motor for versions **KLPE** and **DKLPE**. Rotor mounted on oversized greased sealed-for-life ball bearings to ensure silent running and long life. Integral thermal and current overload protection. Constructed following the CEI 2-3 standards.

Operating range: from 0.4 to 5.4 m^3/h with head up to 13,7 meters.

Liquid temperature range: From -15 °C to +120°C.

Liquid quality requirements: clean, free from solid or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, characteristics similar to water - maximum glycol percentage 30 % (for different glycol percentages, please contact the Technical Assistance Service).

Installation: normally horizontal or vertical provided the motor is always above the pump.

Maximum ambient temperature: +40°C

Maximum working pressure: 10 bar (1000 kPa)

Protection rating: IP 55

Insulation class: F

Standard flanging: DN 40, DN 50, DN 65, DN 80 in PN 6/PN 10 (4 Holes)

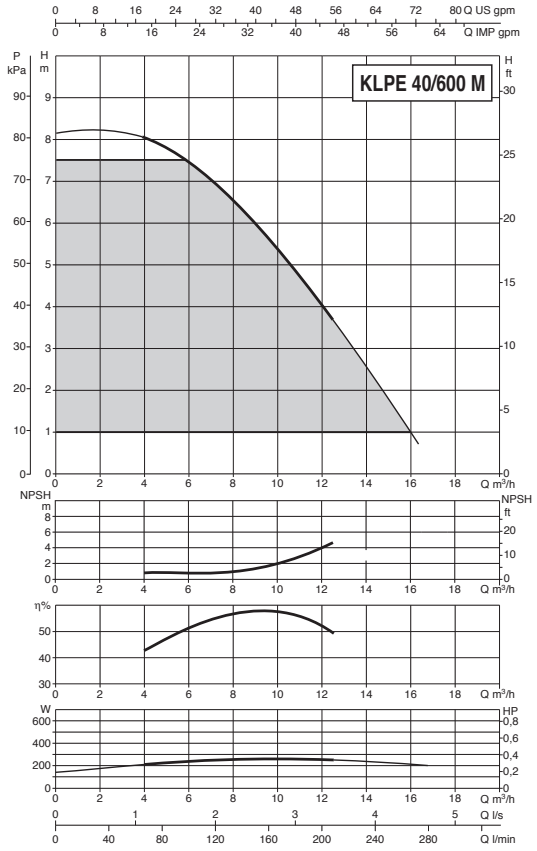
ACCESSORIES
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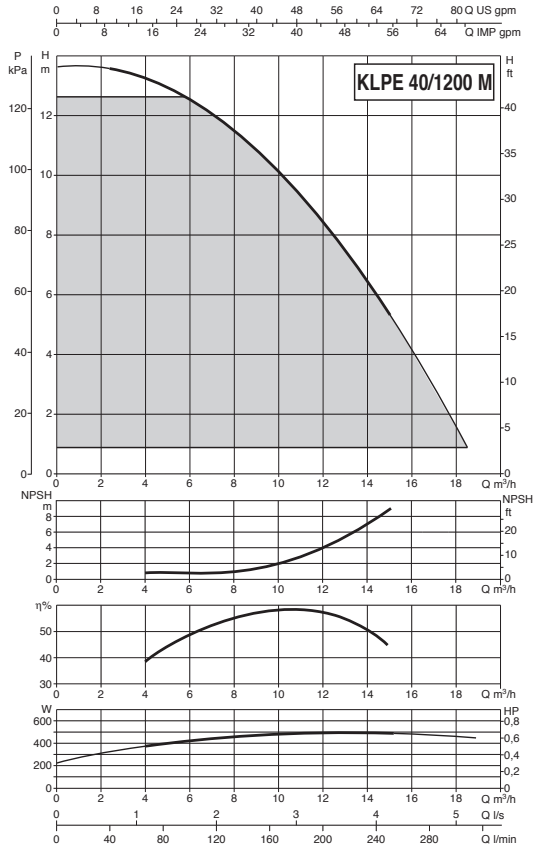
TECHNICAL DATA - KLME/KLPE *SINGLE WITH OVAL FLANGES WITH INVERTER MCE/C*

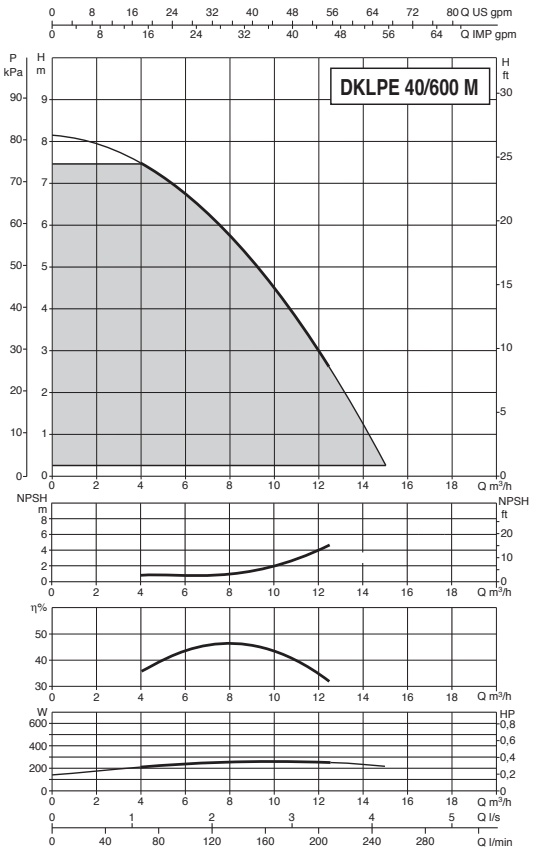
MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA										
		VOLTAGE 50 Hz	P2 NOMINAL		In A	Q=m^3h	0	4,8	6	7,2	8,4	9,6	12	18	30	36	48
			kW	HP		Q=l/min	0	80	100	120	140	160	200	300	500	600	800
KLPE 40- 600 M MCE11/C	60142750	1x220-240 V ~	0,37	0,50	4,3		8,2	7,8	7,4	6,9	6,3	5,7	4				
KLPE 40-1200 M MCE11/C	60142224	1x220-240 V ~	0,55	0,75	6,0		13,7	13,2	12,6	11,9	11,2	10,4	8,4				
KLME 50-600 M MCE11/C	60142751	1x220-240 V ~	0,25	0,33	4,1		5,4	5,2	4,9	4,7	4,5	4,3	3,8	2			
KLPE 50-1200 M MCE11/C	60141862	1x220-240 V ~	0,75	1,00	7,7		12			11,8	11,6	11	10,5	8,6			
KLME 65-600 M MCE11/C	60143475	1x220-240 V ~	0,37	0,50	4,3	H (m)	5,5				5,3	5	4,7	3,8			
KLPE 65-1200 M MCE11/C	60141861	1x220-240 V ~	1,10	1,50	12		12						11,6	11	8,8	6,7	
KLPE 65-1200 T MCE30/C	60144828	3x400 V ~	1,10	1,50	3,9		12						11,6	11	8,8	6,7	
KLME 80-600 M MCE11/C	60142752	1x220-240 V ~	0,75	1,00	7,0		5,7							5,7	5	4,3	2,5
KLPE 80-1200 M MCE22/C	60142212	1x220-240 V ~	1,84	2,50	16,0		11,8								11,5	11	9,7
KLPE 80-1200 T MCE30/C	60146306	3x400 V ~	1,84	2,50	4,8		11,8								11,5	11	9,7

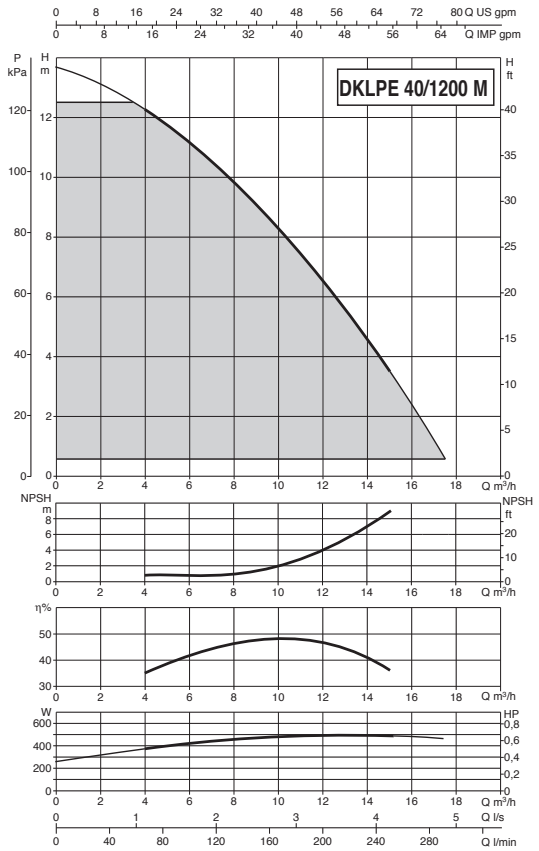
TECHNICAL DATA - DKLME/DKLPE *TWIN WITH OVAL FLANGES WITH INVERTER MCE/C*

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA										
		VOLTAGE 50 Hz	P2 NOMINAL		In A	Q=m^3h	0	4,8	6	7,2	8,4	9,6	12	18	30	36	48
			kW	HP		Q=l/min	0	80	100	120	140	160	200	300	500	600	800
DKLPE 40- 600 M MCE11/C	60142753	1x220-240 V ~	0,37	0,50	4,3		8,2	7,8	7,4	6,9	6,3	5,7	4				
DKLPE 40-1200 M MCE11/C	60141905	1x220-240 V ~	0,55	0,75	6,0		13,7	13,2	12,6	11,9	11,2	10,4	8,4				
DKLME 50-600 M MCE11/C	60142759	1x220-240 V ~	0,25	0,33	4,1		5,4	5,2	4,9	4,7	4,5	4,3	3,8	2			
DKLPE 50-1200 M MCE11/C	60142258	1x220-240 V ~	0,75	1,00	7,1		12			11,8	11,6	11	10,5	8,6			
DKLME 65-600 M MCE11/C	60142761	1x220-240 V ~	0,37	0,50	4,3	H (m)	5,5				5,3	5	4,7	3,8			
DKLPE 65-1200 M MCE11/C	60141906	1x220-240 V ~	1,10	1,50	11		12						11,6	11	8,8	6,7	
DKLPE 65-1200 T MCE30/C	60144099	3x400 V ~	1,10	1,50	3,9		12						11,6	11	8,8	6,7	
DKLME 80-600 M MCE11/C	60142763	1x220-240 V ~	0,75	1,00	7,0		5,7							5,7	5	4,3	2,5
DKLPE 80-1200 M MCE22/C	60141907	1x220-240 V ~	1,84	2,50	16,7		11,8								11,5	11	9,7
DKLPE 80-1200 T MCE30/C	60146305	3x400 V ~	1,84	2,50	4,8		11,8								11,5	11	9,7





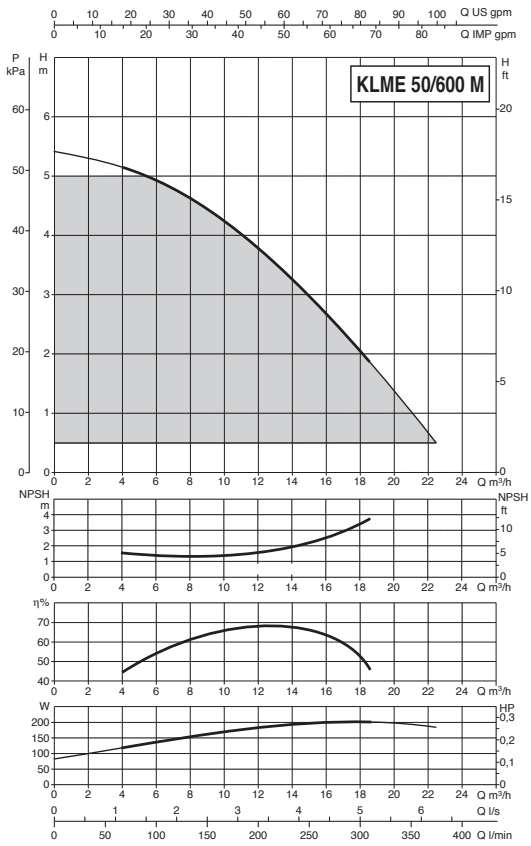


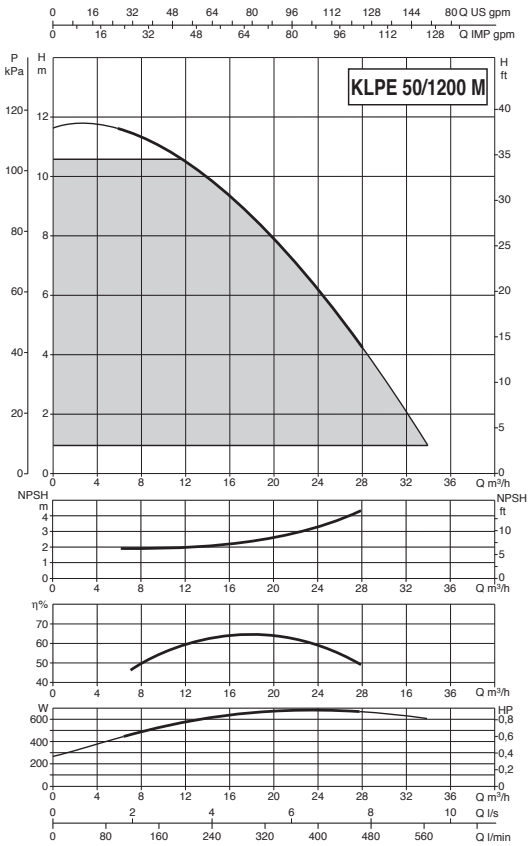


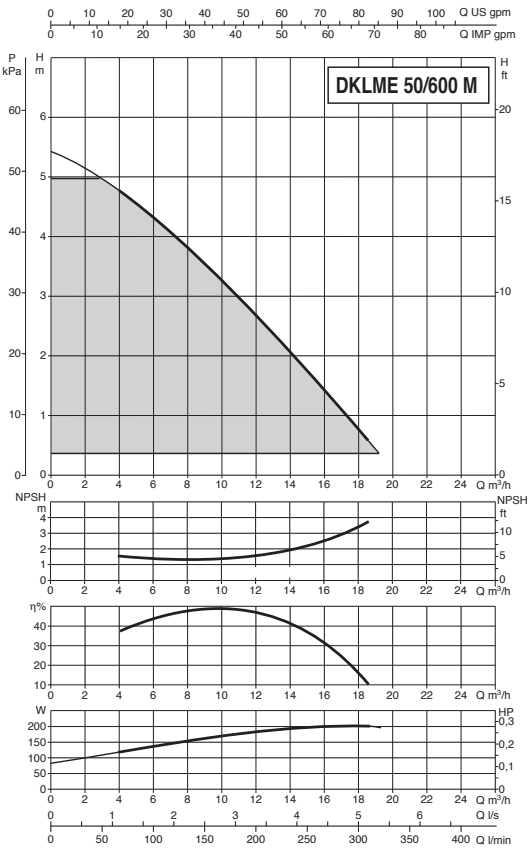
The performance curves are based on kinematic viscosity values = 1 mm2/s and density equivalent to 1000 kg/m3. Tolerance of curves to ISO 9906.

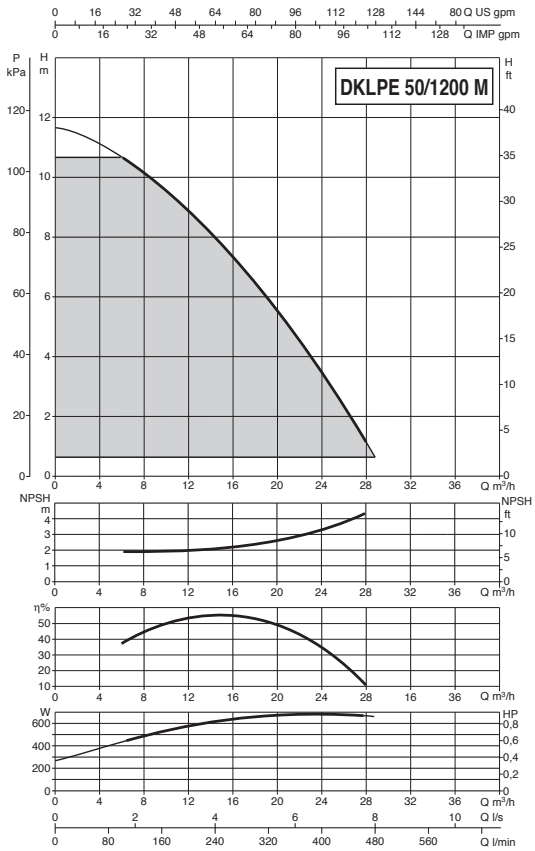
KLME / KLPE / DKLME / DKLPE

ELECTRONIC IN-LINE PUMPS





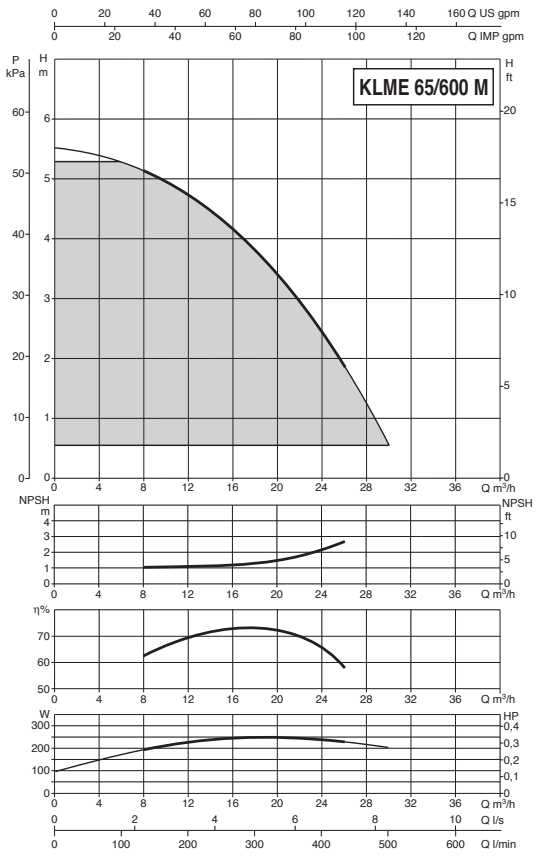


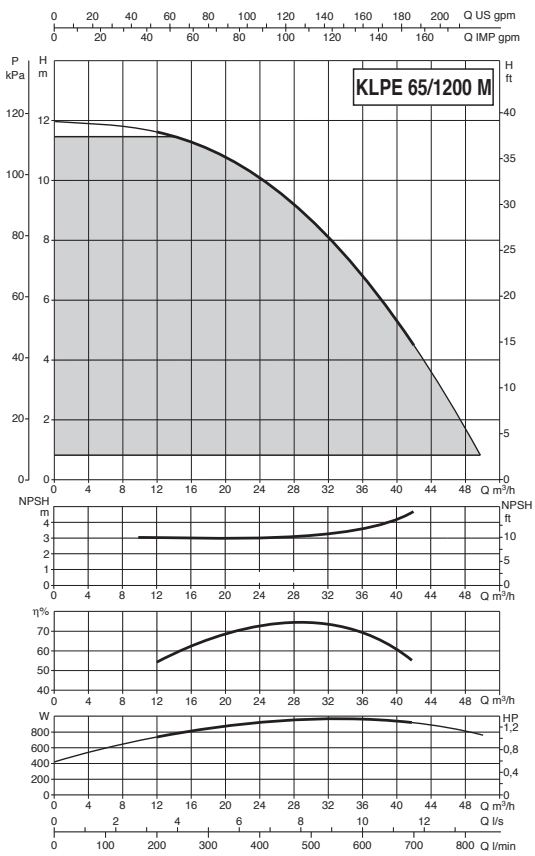


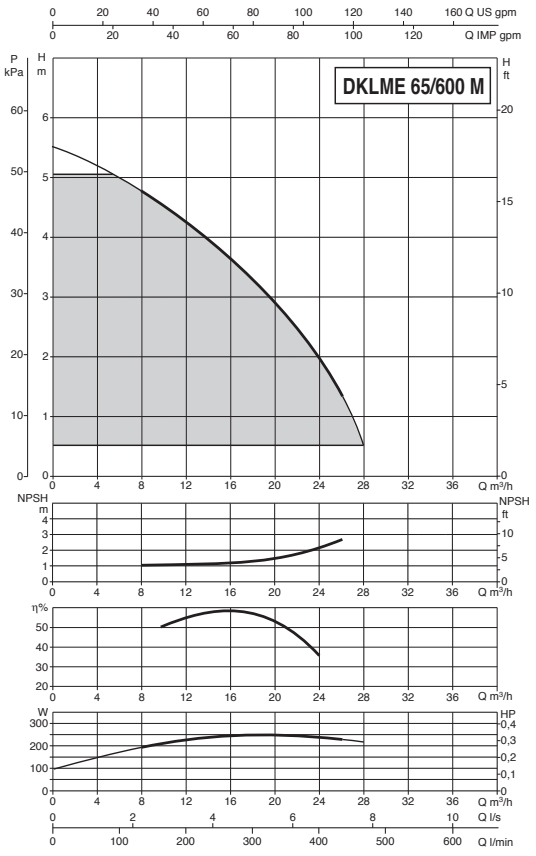
The performance curves are based on kinematic viscosity values = 1 mm2/s and density equivalent to 1000 kg/m3. Tolerance of curves to ISO 9906.

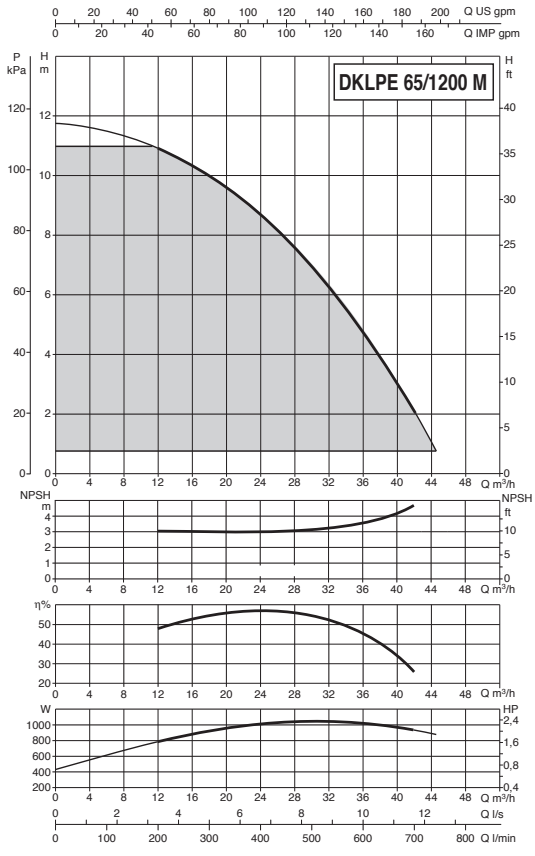
KLME / KLPE / DKLME / DKLPE

ELECTRONIC IN-LINE PUMPS





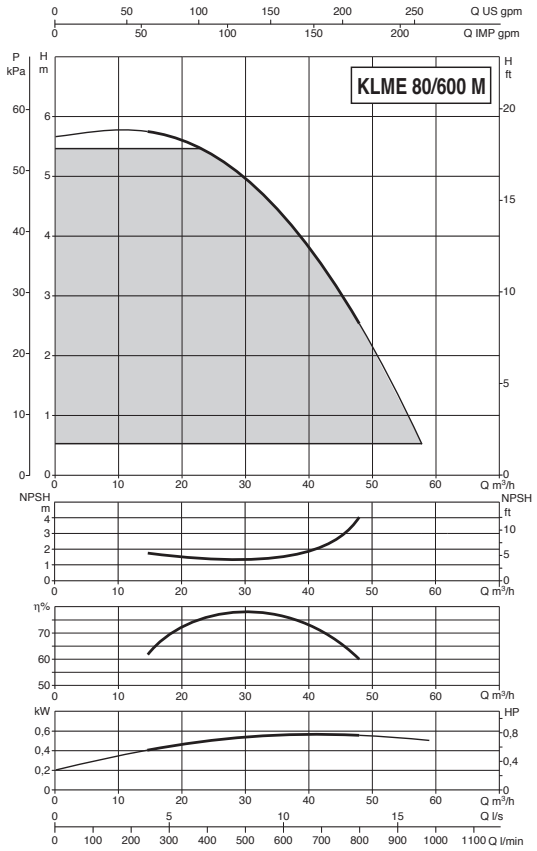


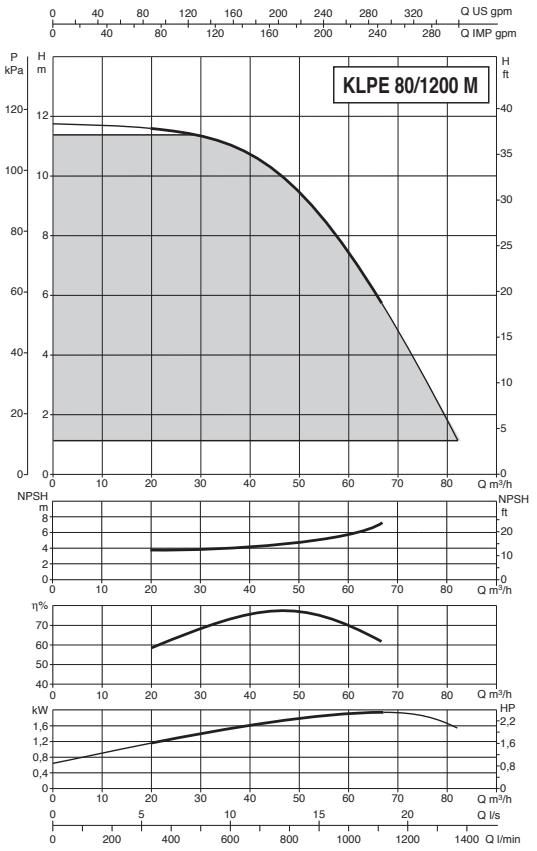


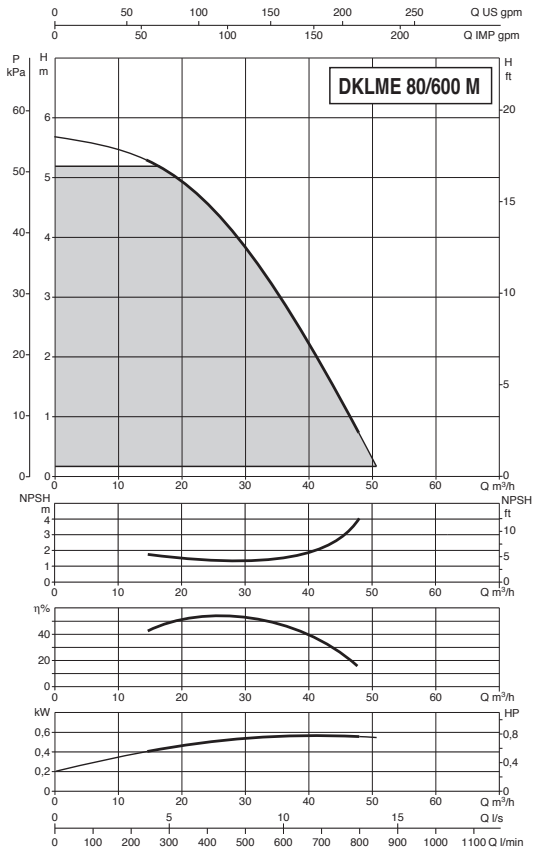
The performance curves are based on kinematic viscosity values = 1 mm2/s and density equivalent to 1000 kg/m3. Tolerance of curves to ISO 9906.

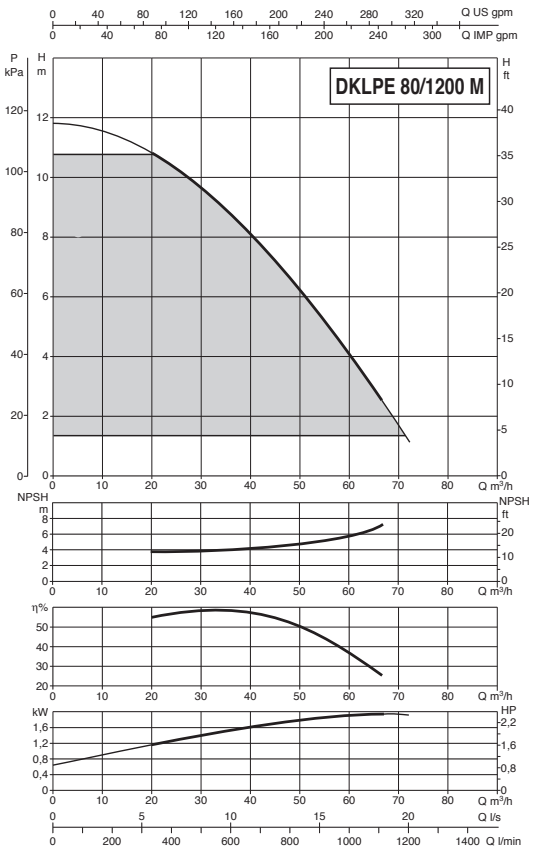
KLME / KLPE / DKLME / DKLPE

ELECTRONIC IN-LINE PUMPS





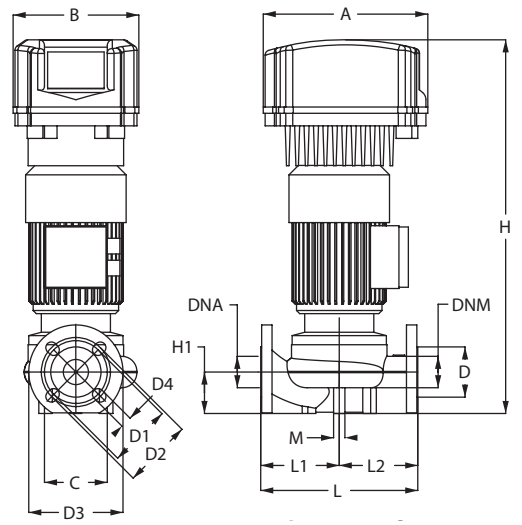




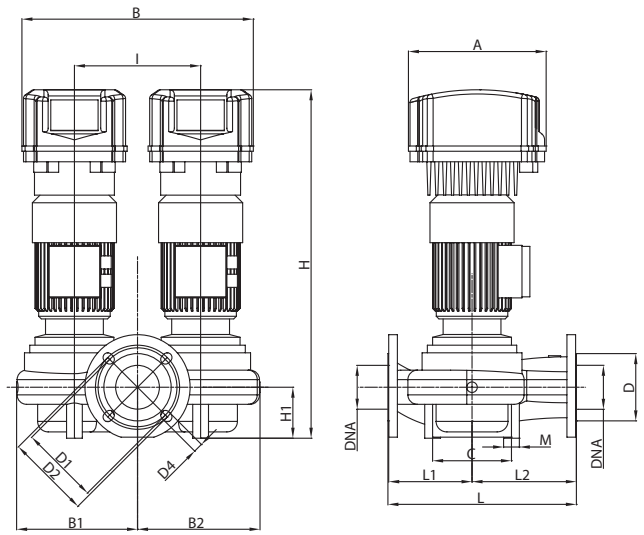
The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.

DIMENSIONS AND WEIGHTS

KLME - KLPE



DKLME - DKLPE



MODEL	A	B	B1	B2	C	D	D1	D2	D3	D4	H	H1	I	L	L1	L2	M	DNA GAS	DNM GAS	PACKAGING DIMENSIONS			WEIGHT KG
																				L/A	L/B	H	
KLPE 40- 600 M MCE11/C	262	200	-	-	100	80	100	110	150		603	66	-	250	125	125		40	40	500	270	660	26
KLPE 40-1200 M MCE11/C	262	200	-	-	100	80	100	110	150		603	66	-	250	125	125	2 HOLES M10	40	40	500	270	660	26
KLME 50-600 M MCE11/C	262	200	-	-	100	90	110	125	165		622	73	-	280	140	140		50	50	500	270	660	31
KLPE 50-1200 M MCE11/C	262	200	-	-	100	90	110	125	165	4 SLOTS 18x23	622	73	-	280	140	140		50	50	500	270	660	33
KLME 65-600 M MCE11/C	262	200	-	-	100	110	130	145	185		641	82	-	340	170	170		65	65	500	270	660	37
KLPE 65-1200 M MCE11/C	262	200	-	-	100	110	130	145	185		641	82	-	340	170	170	2 HOLES M12	65	65	500	270	660	43
KLME 80-600 M MCE11/C	262	200	-	-	115	128	150	160	200		671	97	-	360	190	170		80	80	520	400	710	47
KLPE 80-1200 M MCE22/C	262	200	-	-	115	128	150	160	200		746	97	-	360	190	170		80	80	520	400	710	47
DKLPE 40- 600 M MCE11/C	262	400	185	187	100	80	100	110	150		608	66	200	250	105	145		40	40	500	270	660	56
DKLPE 40-1200 M CE11/C	262	400	185	187	100	80	100	110	150		608	66	200	250	105	145		40	40	500	270	660	61
DKLME 50-600 M MCE11/C	262	400	217	217	120	90	110	125	165		622	73	200	280	130	150		50	50	520	400	710	76
DKLPE 50-1200 M CE11/C	262	400	217	217	120	90	110	125	165	4 SLOTS 18x23	622	73	200	280	130	150	4 HOLES M14	50	50	520	400	710	88
DKLME 65-600 M MCE11/C	262	440	226	229	140	110	130	145	185		641	82	240	340	140	200		65	65	520	400	710	80
DKLPE 65-1200 M CE11/C	262	440	226	229	140	110	130	145	185		641	82	240	340	140	200		65	65	520	400	710	99
DKLME 80-600 M MCE11/C	262	440	230	233	150	128	150	160	200		671	97	240	360	160	200		80	80	520	400	710	96
DKLPE 80-1200 M CE22/C	262	440	230	233	150	128	150	160	200		746	97	240	360	160	200		80	80	520	400	710	98

ELECTRONIC IN-LINE PUMPS
PERFORMANCE RANGE

CME / CM-GE - 4 POLES

MODEL	Q= m³h	0	1,2	2,4	3	3,6	4,5	4,8	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114
	Q= l/min	0	20	40	50	60	75	80	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900
CME 40- 870 M MCE11/C IE2	H (m)	8,7	8,7	8,6	8,6	8,5	8,3	8,2	7,9																
CME 40-1450 M MCE11/C IE2							14,5	14,4	14,3	11,8	8														
CME 40-1450 T MCE30/C IE2							14,5	14,4	14,3	11,8	8														
CME 50-1000 M MCE11/C IE2						10,1	10	9,8	9,6	6,8															
CME 50-1420 M MCE11/C IE2									14,2	13	10	6													
CME 50-1420 T MCE30/C IE2									14,2	13	10	6													
CME 65- 660/A/BAQE/0.55 M MCE11/C IE2		6,6							6,5	6,2	5,7	4,8													
CM-GE 65- 920/A/BAQE/0.75 M MCE11/C IE2		9,2							9,2	9	8,4	7,4	5,7												
CM-GE 65- 920/A/BAQE/0.75 T MCE30/C IE2		9,2							9,2	9	8,4	7,4	5,7												
CM-GE 65-1200/A/BAQE/1.5 M MCE15/C IE2		12								12	11,9	11,5	10,8	10,1	8,9										
CM-GE 65-1200/A/BAQE/1.5 T MCE30/C IE2		12								12	11,9	11,5	10,8	10,1	8,9										
CM-GE 65-1680/A/BAQE/3 T MCE30/C IE2		16,8								16,8	16,5	16,1	15,5	14,6	13,6	12,4	10,9								
CM-GE 65-2380/A/BAQE/4 T MCE30/C IE2		23,8								24	23,8	23,4	22,7	21,6	20,4	19	17,1								
CM-GE 80- 650/A/BAQE/0.75 M MCE11/C IE2		6,5								6,3	6,1	5,8	5,5	5	4,5	3,9									
CM-GE 80- 650/A/BAQE/0.75 T MCE30/C IE2		6,5								6,3	6,1	5,8	5,5	5	4,5	3,9									
CM-GE 80- 890/A/BAQE/1.5 M MCE15/C IE2		8,9									8,8	8,7	8,6	8,3	8	7,6	7,2	6,6	6						
CM-GE 80- 890/A/BAQE/1.5 T MCE30/C IE2		8,9									8,8	8,7	8,6	8,3	8	7,6	7,2	6,6	6						
CM-GE 80-1530/A/BAQE/3 T MCE30/C IE2		15,3										15,4	15,3	15	14,6	14,1	13,5	12,9	12,2	11,3					
CM-GE 80-1700/A/BAQE/4 T MCE30/C IE2		17										17,2	17,2	17,1	16,8	16,5	16,2	15,7	15,1	14,3	13,6	12,6			
CM-GE 80-2410/A/BAQE/5.5 T MCE55/C IE2		24,1										23,8	23,6	23,3	22,8	22,3	21,5	20,8	19,7	18,6	17,3				
CM-GE 80-2700/A/BAQE/7.5 T MCE110/C IE2		27													26	25,5	25	24,5	23,6	22,7	21,5	20,2	19		
CM-GE 80-3420/A/BAQE/11 T MCE110/C IE2		34,2													33,2	33	32,5	32	31,5	30,7	29,8	29	28	25	21,7

CM-GE - 4 POLES

MODEL	Q= m³h	0	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240	250	270	330	360
	Q= l/min	0	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000	4167	4500	5500	6000
CM-GE 100- 510/A/BAQE/ 0.75 M MCE11/C IE2		5,1	4,9	4,8	4,7	4,7	4,4	4,2	3,8	3,4	3																
CM-GE 100- 510/A/BAQE/ 0.75 T MCE30/C IE2		5,1	4,9	4,8	4,7	4,7	4,4	4,2	3,8	3,4	3																
CM-GE 100- 660/A/BAQE/ 1,5 M MCE15/C IE2		6,6				6,4	6,3	6,2	6	5,8	5,6	5,3	5	4,7	4,5	4,3	3,7	3									
CM-GE 100- 660/A/BAQE/ 1,5 T MCE30/C IE2		6,6				6,4	6,3	6,2	6	5,8	5,6	5,3	5	4,7	4,5	4,3	3,7	3									
CM-GE 100-1020/A/BAQE/ 3 T MCE30/C IE2		10,2				10,2	10,1	10	9,9	9,8	9,7	9,5	9,3	9	8,8	8,6	7,9	7,2	6,7								
CM-GE 100-1320/A/BAQE/ 4 T MCE55/C IE2		13,2						13,2	13,2	13,1	12,9	12,7	12,4	12	11,7	11,3	10,4	9,3	8,7								
CM-GE 100-1650/A/BAQE/ 5,5 T MCE55/C IE2		16,5						16,6	16,5	16,4	16,2	16,1	16	15,7	15,4	15	14,3	13,3	12,7								
CM-GE 100-2050/A/BAQE/ 7,5 T MCE110/C IE2		20,5						21	21	21	20,7	20,5	20	19,8	19,5	19	18	16,7	16								
CM-GE 100-2550/A/BAQE/ 11 T MCE110/C IE2		25,5						25,5	25,5	25,5	25,1	25	25	24,6	24,2	24	23	21,5	21								
CM-GE 100-3290/A/BAQE/ 15 T MCE150/C IE2	H (m)	32,9								33,1	33	32,9	32,8	32,4	32	31,6	30,5	29,5	28,9	24							
CM-GE 125-1075/A/BAQE/ 4 T MCE55/C IE2		10,8									10,1	10,1	10	9,9	9,7	9,5	9,1	8,5	8,3	7	5,4						
CM-GE 125-1270/A/BAQE/ 5.5 T MCE55/C IE2		12,7									12,6	12,6	12,5	12,5	12,4	12,3	12	11,5	11,4	10,1	8,5						
CM-GE 125-1560/A/BAQE/ 7.5 T MCE110/C IE2		15,6									15,4	15,4	15,3	15,2	15,1	15	14,7	14,5	14,3	13,3	11,6	9,8					
CM-GE 125-2100/A/BAQE/ 11 T MCE110/C IE2		21									21,5	21,5	21,5	21,4	21,2	21	20,9	20	19,8	18	16						
CM-GE 125-2550/A/BAQE/ 15 T MCE150/C IE2		25,5									25,5	25,5	25,5	25,3	25,1	25,1	25	24,5	24	22,5	20,5	17,5					
CM-GE 150- 955/A/BAQE/ 5.5 T MCE55/C IE2		9,6														10,1	10,1	10,0	9,5	8,7	7,7	6,8	5,9	5	4,6	4	
CM-GE 150-1322/A/BAQE/ 7.5 T MCE110/C IE2		13,2														13	12,8	12,6	12,5	11,9	11,1	10,1	8,9	8,5			
CM-GE 150-1600/A/BAQE/ 11 T MCE110/C IE2		16															15,5	15,5	15,4	14,8	14	13	11,8	11	10,5	9,2	
CM-GE 150-1950/A/BAQE/ 15 T MCE150/C IE2		19,5															19,5	19,4	19,3	19,2	18,7	17,8	16,8	16	15,5	14,1	12,5

ELECTRONIC IN-LINE PUMPS
PERFORMANCE RANGE

DCME / DCM-GE - 4 POLES

MODEL	Q= m³h	0	3	4,5	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150
	Q= l/min	0	50	75	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500
DCME 40-620 M MCE11/C	H (m)	6,3	6,2	6,0	5,8	3,0																	
DCME 50-460 M MCE11/C		4,8			4,6	3,9	2,4																
DCME 50-880 M MCE11/C		9,1			8,8	7,7	5,9																
DCM-GE 65- 660/A/BAQE/0.55 M MCE11/C		6,5			6,4	5,9	5,1	3,8															
DCM-GE 65- 920/A/BAQE/0.75 M MCE11/C		9,1			9,1	8,8	7,8	6,4	4,5														
DCM-GE 65- 920/A/BAQE/0.75 T MCE30/C		9,1			9,1	8,8	7,8	6,4	4,5														
DCM-GE 65-1200/A/BAQE/1.5M MCE15/C		12,0				11,9	11,6	11,0	10,0	9,0	7,6												
DCM-GE 65-1200/A/BAQE/1.5 T MCE30/C		12,0				11,9	11,6	11,0	10,0	9,0	7,6												
DCM-GE 65-1680/A/BAQE/3 T MCE30/C		16,8				16,7	16,3	15,7	14,9	13,7	12,4	11,0	9,3										
DCM-GE 65-2380/A/BAQE/4 T MCE30/C		23,8				23,9	23,5	22,8	21,8	20,3	18,6	16,8	14,5										
DCM-GE 80- 650/A/BAQE/0.75 M IE2 MCE11/C		6,5				6,2	5,8	5,2	4,5	3,7	2,9	2,1											
DCM-GE 80- 650/A/BAQE/0.75 T MCE30/C		6,5				6,2	5,8	5,2	4,5	3,7	2,9	2,1											
DCM-GE 80- 890/A/BAQE/1.5 M MCE15/C		8,5						8,3	8,0	7,5	6,8	6,1	5,3	4,4	3,5								
DCM-GE 80- 890/A/BAQE/1.5 T MCE30/C		8,5						6,7	6,2	5,5	4,8	4,2	3,5	2,9	2,3								
DCM-GE 80-1530/A/BAQE/3T MCE30/C		14,4						14,1	13,7	13,0	12,2	11,3	10,2	9,2	8,0	6,8							
DCM-GE 80-1700/A/BAQE/4 T MCE30/C		16,0						15,7	15,5	15,3	14,6	14,0	13,2	12,3	11,2	10,0	8,9	7,7					
DCM-GE 80-2410/A/BAQE/5.5T MCE55/C		24,1								23,3	22,7	22,0	21,1	20,2	18,9	17,6	16,2						
DCM-GE 80-2700/A/BAQE/7.5 T MCE110/C		27,0								26,1	26,1	25,5	24,9	24,2	23,2	22,1	20,7	19,3	17,9				
DCM-GE 80-3420/A/BAQE/11 T MCE110/C		34,2								33,3	33,3	32,9	32,3	31,8	30,9	29,9	29,0	27,8	24,4	22,0	20,8		
DCM-GE 100- 510/A/BAQE/0.75 M MCE11/C		4,9				4,8	4,7	4,6	4,5	4,0	3,7	3,2	2,6	2,1									
DCM-GE 100- 510/A/BAQE/0.75 T MCE30/C		4,9				4,8	4,7	4,6	4,5	4,0	3,7	3,2	2,6	2,1									
DCM-GE 100- 660/A/BAQE/1,5 M MCE15/C		6,6							6,4	6,2	6,0	5,8	5,6	5,3	4,9	4,5	4,1	3,7	3,4	2,6	1,8		
DCM-GE 100- 660/A/BAQE/1,5 T MCE30/C		6,6							6,4	6,2	6,0	5,8	5,6	5,3	4,9	4,5	4,1	3,7	3,4	2,6	1,8		
DCM-GE 100-1020/A/BAQE/3 T MCE30/C		10,2							10,2	10,0	9,8	9,6	9,5	9,3	8,9	8,5	8,0	7,5	7,1	5,9	4,7	4,0	
DCM-GE 100-1320/A/BAQE/4 T MCE55/C		13,2									13,2	13,1	13,0	12,8	12,4	11,9	11,3	10,8	10,2	8,8	7,4	6,6	
DCM-GE 100-1650/A/BAQE/5,5T MCE55/C		16,5									16,5	16,4	16,3	16,0	15,8	15,5	14,9	14,4	13,7	12,4	10,8	10,0	
DCM-GE 100-2050/A/BAQE/7,5 T MCE110/C		19,3											19,2	18,8	18,5	17,9	17,6	17,2	16,6	15,5	14,1	13,3	
DCM-GE 100-2550/A/BAQE/11 T MCE110/C		24,0											23,3	22,8	22,6	22,4	21,9	21,4	21,0	19,8	18,1	17,5	
DCM-GE 100-3290/A/BAQE/15 T MCE150/C		30,9											30,5	30,3	30,1	29,9	29,4	28,8	28,3	27,0	25,8	25,1	20,0

DCM-GE - 4 POLES

MODEL	Q= m³h	0	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240	250	270	330	360
	Q= l/min	0	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000	4167	4500	5500	6000
DCM-GE 125-1075/A/BAQE/4 T MCE55/C	H (m)	10,0						9,5	9,4	9,2	9,0	8,7	8,4	7,7	6,8	6,5	4,4	2,4						
DCM-GE 125-1270/A/BAQE/5.5 T MCE55/C		11,7						11,8	11,7	11,5	11,4	11,1	10,8	10,2	9,2	8,9	6,4	3,8						
DCM-GE 125-1560/A/BAQE/7.5 T MCE110/C		14,4						14,6	14,6	14,4	14,2	14,0	13,8	13,2	12,7	12,3	10,2	7,5	4,9					
DCM-GE 125-2100/A/BAQE/11 T MCE110/C		20,1										19,9	19,6	19,3	18,2	17,8	15,4	12,7						
DCM-GE 125-2550/A/BAQE/15 T MCE150/C		24,5										23,8	23,7	23,4	22,7	22,1	20,0	17,4	13,9					
DCM-GE 150- 955/A/BAQE/5.5 T IE2 MCE55/C *		9,6											10,1	10,1	10,0	9,5	8,7	7,7	6,8	5,9	5,0	4,6	4,0	
DCM-GE 150-1322/A/BAQE/7.5T MCE110/C *		13,2											13,0	12,8	12,6	12,5	11,9	11,1	10,1	8,9	8,5			
DCM-GE 150-1600/A/BAQE/11 T IE2 MCE110/C *		16,0												15,5	15,5	15,4	14,8	14,0	13,0	11,8	11,0	10,5	9,2	
DCM-GE 150-1950/A/BAQE/15 T MCE150/C *		19,5												19,5	19,4	19,3	19,2	18,7	17,8	16,8	16,0	15,5	14,1	12,5

* PRELIMINARY DATA.

CME / CM-GE / DCME / DCM-GE - 4 POLES

ELECTRONIC IN-LINE PUMPS

NEW

ENERGY EFFICIENCY IE2

CE

HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM



MCE/C

PAG. 2

Circulation pumps with in-line ports, suitable for installation in heating and air conditioning, refrigeration, and domestic hot water systems. Extremely versatile thanks to the use of the **MCE/C** inverter, they offer performance capable of adapting automatically to the system's various demands while keeping pressure differentials unchanged. Available in single and twin version. PN 16 flanged inlet and delivery mouths, fitted with threaded holes for pressure gauges. Pump body and support in cast iron, impeller in cast iron or technopolymer depending on model (in bronze, on request, only from DN 65 to DN 150). Stainless steel drive shaft. Sealing device: standardised mechanical seal made to DIN 24960 in carbon / carborundum with O' rings in EPDM. 4-pole three-phase indication motor with external cooling. Rotor running on ball bearings, oversized to ensure low noise and durability.
Constructed following the CEI 2-3 standards.

Operating range: from 1.2 to 360 m³/h with head up to 34 meters.
Liquid temperature range:
from -10°C to + 130°C for DN 40 -50
from -10°C to + 140°C for rest of the range
Liquid quality requirements: clean, free from solids or abrasive substances, non viscous, non aggressive, non crystallised and chemically neutral and close to the characteristics of water.
Installation: Fixed, horizontal or vertical provided the motor is always above the pump.
Maximum ambient temperature: +40°C
Maximum working pressure: 16 bar
Protection rating: IP 55
Insulation Class: F
Flanging: PN 16
Counter-flanges on request: DN 40 - DN 50 - DN 65 - DN 80 - DN 100 - DN 125 - DN 150; PN 16.

ACCESSORIES
PAG. 227

TECHNICAL DATA - CME/CM-GE

MODEL	ELECTRICAL DATA						
	VOLTAGE 50-60 Hz	MOTOR TYPE	n r.p.m.	P1 MAX W	P2 NOMINAL		In A
					kW	HP	
CME 40- 870 M MCE11/C	1x220-240 V ~	4 poles	1459	0,48	0,75	1	5,0
CME 40-1450 M MCE11/C	1x220-240 V ~	4 poles	1450	1,26	0,9	1,2	10,0
CME 40-1450 T MCE30/C IE2	3x400 V ~	4 poles	1450	1,26	0,9	1,2	t.b.d.
CME 50-1000 M MCE11/C	1x220-240 V ~	4 poles	1451	0,58	0,75	1	5,6
CME 50-1420 M MCE11/C	1x220-240 V ~	4 poles	1450	1,47	1,1	1,5	11,3
CME 50-1420 T MCE30/C IE2	3x400 V ~	4 poles	1450	1,47	1,1	1,5	t.b.d.
CME-GE 65- 660/A/BAQE/ 0.55 M MCE11/C IE2	1x220-240 V ~	4 poles	1400	0,84	0,55	0,8	7,3
CM-GE 65- 920/A/BAQE/ 0.75 M MCE11/C IE2	1x220-240 V ~	4 poles	1430	1,23	0,75	1	9,8
CM-GE 65- 920/A/BAQE/ 0.75 T MCE30/C IE2	3x400 V ~	4 poles	1430	1,23	0,75	1	t.b.d.
CM-GE 65-1200/A/BAQE/ 1.5 M MCE15/C IE2	1x220-240 V ~	4 poles	1430	2,10	1,5	2	15,4
CM-GE 65-1200/A/BAQE/ 1.5 T MCE30/C IE2	3x400 V ~	4 poles	1430	2,10	1,5	2	t.b.d.
CM-GE 65-1680/A/BAQE/ 3 T MCE30/C IE2	3x400 V ~	4 poles	1448	2,83	3	4	6,6
CM-GE 65-2380/A/BAQE/ 4 T MCE30/C IE2	3x400 V ~	4 poles	1449	4,47	4	5,5	9,5
CM-GE 80- 650/A/BAQE/ 0.75 M MCE11/C IE2	1x220-240 V ~	4 poles	1430	1,24	0,75	1	9,8
CM-GE 80- 650/A/BAQE/ 0.75 T MCE30/C IE2	3x400 V ~	4 poles	1430	1,24	0,75	1	t.b.d.
CM-GE 80- 890/A/BAQE/ 1.5 M MCE15/C IE2	1x220-240 V ~	4 poles	1430	2,07	1,5	2	15,2
CM-GE 80- 890/A/BAQE/ 1.5 T MCE30/C IE2	3x400 V ~	4 poles	1430	2,07	1,5	2	t.b.d.
CM-GE 80-1530/A/BAQE/ 3 T MCE30/C IE2	3x400 V ~	4 poles	1441	3,74	3	4	8,0
CM-GE 80-1700/A/BAQE/ 4 T MCE30/C IE2	3x400 V ~	4 poles	1452	4,13	4	5,5	8,9
CM-GE 80-2410/A/BAQE/ 5.5 T MCE55/C IE2	3x400 V ~	4 poles	1461	6,80	5,5	7,5	13,8
CM-GE 80-2700/A/BAQE/ 7.5 T MCE110/C IE2	3x400 V ~	4 poles	1463	9,15	7,5	10	18,6
CM-GE 80-3420/A/BAQE/ 11 T MCE110/C IE2	3x400 V ~	4 poles	1472	13,36	11	15	28,1

DAB PUMPS reserves the right to make modifications without notice

TECHNICAL DATA - CM-GE

MODEL	ELECTRICAL DATA						
	VOLTAGE 50-60 Hz	MOTOR TYPE	n r.p.m.	P1 MAX W	P2 NOMINAL		In A
					kW	HP	
CM-GE 100- 510/A/BAQE/ 0.75 M MCE11/C IE2	1x220-240 V ~	4 poles	1430	1,21	0,75	1	9,7
CM-GE 100- 510/A/BAQE/ 0.75 T MCE30/C IE2	3x400 V ~	4 poles	1430	1,21	0,75	1	t.b.d.
CM-GE 100- 660/A/BAQE/ 1,5 M MCE15/C IE2	1x220-240 V ~	4 poles	1430	2,08	1,5	2	15,3
CM-GE 100- 660/A/BAQE/ 1,5 T MCE30/C IE2	3x400 V ~	4 poles	1430	2,08	1,5	2	t.b.d.
CM-GE 100-1020/A/BAQE/ 3 T MCE30/C IE2	3x400 V ~	4 poles	1441	3,77	3	4	8,1
CM-GE 100-1320/A/BAQE/4 T MCE55/C IE2	3x400 V ~	4 poles	1450	4,81	4	5,5	10
CM-GE 100-1650/A/BAQE/ 5,5 T MCE55/C IE2	3x400 V ~	4 poles	1464	7,27	5,5	7,5	14,6
CM-GE 100-2050/A/BAQE/ 7,5 T MCE110/C IE2	3x400 V ~	4 poles	1461	8,89	7,5	10	18,1
CM-GE 100-2550/A/BAQE/ 11 T MCE110/C IE2	3x400 V ~	4 poles	1470	12,74	11	15	27
CM-GE 100-3290/A/BAQE/ 15 T MCE150/C IE2	3x400 V ~	4 poles	1471	17,91	15	20	37,1
CM-GE 125-1075/A/BAQE/ 4 T MCE55/C IE2	3x400 V ~	4 poles	1455	5,38	4	5,5	11
CM-GE 125-1270/A/BAQE/ 5.5 T MCE55/C IE2	3x400 V ~	4 poles	1465	7,55	5,5	7,5	15,2
CM-GE 125-1560/A/BAQE/ 7.5 T MCE110/C IE2	3x400 V ~	4 poles	1469	9,93	7,5	10	20,0
CM-GE 125-2100/A/BAQE/ 11 T MCE110/C IE2	3x400 V ~	4 poles	1475	14,30	11	15	29,8
CM-GE 125-2550/A/BAQE/ 15 T MCE150/C IE2	3x400 V ~	4 poles	1470	17,07	15	20	35,6
CM-GE 150- 955/A/BAQE/ 5.5 T MCE55/C IE2	3x400 V ~	4 poles	1462	7,90	5,5	7,5	15,8
CM-GE 150-1322/A/BAQE/ 7.5 T MCE110/C IE2	3x400 V ~	4 poles	1464	9,37	7,5	10	19
CM-GE 150-1600/A/BAQE/ 11 T MCE110/C IE2	3x400 V ~	4 poles	1473	13,61	11	15	28,6
CM-GE 150-1950/A/BAQE/ 15 T MCE150/C IE2	3x400 V ~	4 poles	1472	18,39	15	20	38

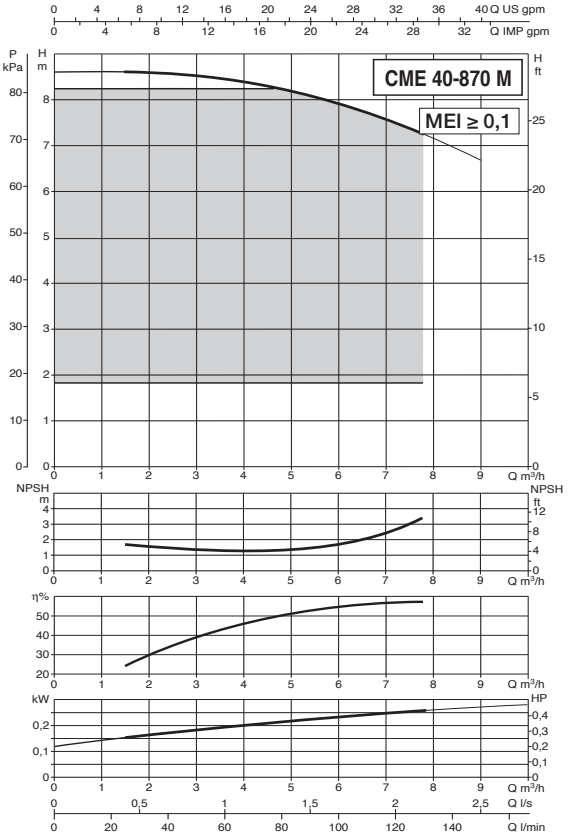
TECHNICAL DATA - DCME/DCM-GE

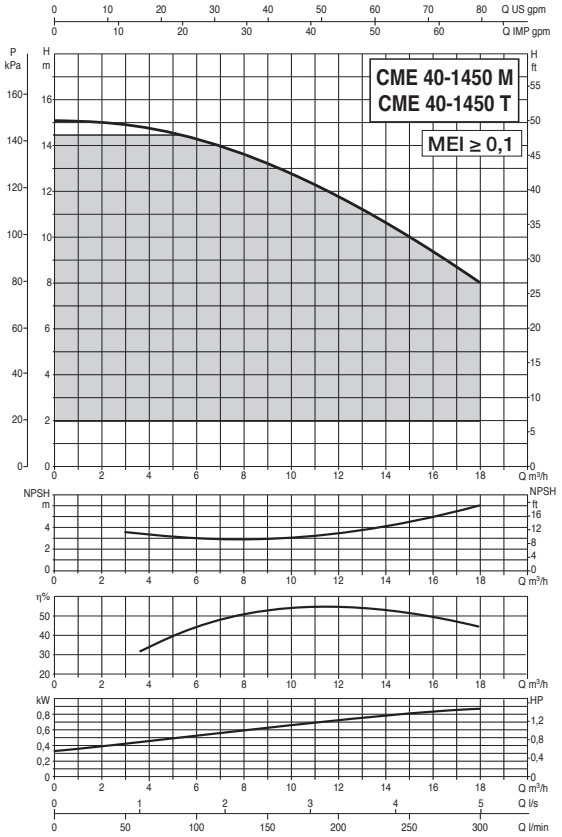
MODEL	ELECTRICAL DATA						
	VOLTAGE 50-60 Hz	MOTOR TYPE	n r.p.m.	P1 MAX W	P2 NOMINAL		In A
					kW	HP	
DCME 40-620 M MCE11/C	1x220 - 240 V ~	4 poles	1450	0,43	0,25	0,33	4,7
DCME 50-460 M MCE11/C IE2	1x220 - 240 V ~	4 poles	1450	0,43	0,25	0,33	4,7
DCME 50-880 M MCE11/C IE2	1x220 - 240 V ~	4 poles	1450	0,83	0,5	0,67	7,2
DCME-GE 65- 660/A/BAQE/ 0.55 M MCE11/C IE2	1x220-240 V ~	4 poles	1400	0,84	0,55	0,8	7,3
DCM-GE 65- 920/A/BAQE/ 0.75 M MCE11/C IE2	1x220-240 V ~	4 poles	1430	1,23	0,75	1	9,8
DCM-GE 65- 920/A/BAQE/ 0.75 T MCE30/C IE2	3x400 V ~	4 poles	1430	1,23	0,75	1	t.b.d.
DCM-GE 65-1200/A/BAQE/ 1.5 M MCE15/C IE2	1x220-240 V ~	4 poles	1430	2,10	1,5	2	15,4
DCM-GE 65-1200/A/BAQE/ 1.5 T MCE30/C IE2	3x400 V ~	4 poles	1430	2,10	1,5	2	t.b.d.
DCM-GE 65-1680/A/BAQE/ 3 T MCE30/C IE2	3x400 V ~	4 poles	1448	2,83	3	4	6,6
DCM-GE 65-2380/A/BAQE/ 4 T MCE30/C IE2	3x400 V ~	4 poles	1449	4,47	4	5,5	9,5
DCM-GE 80- 650/A/BAQE/ 0.75 M MCE11/C IE2	1x220-240 V ~	4 poles	1430	1,24	0,75	1	9,8
DCM-GE 80- 650/A/BAQE/ 0.75 T MCE30/C IE2	3x400 V ~	4 poles	1430	1,24	0,75	1	t.b.d.
DCM-GE 80- 890/A/BAQE/ 1.5 M MCE15/C IE2	1x220-240 V ~	4 poles	1430	2,07	1,5	2	15,2
DCM-GE 80- 890/A/BAQE/ 1.5 T MCE30/C IE2	3x400 V ~	4 poles	1430	2,07	1,5	2	t.b.d.
DCM-GE 80-1530/A/BAQE/ 3 T MCE30/C IE2	3x400 V ~	4 poles	1441	3,74	3	4	8,0
DCM-GE 80-1700/A/BAQE/ 4 T MCE30/C IE2	3x400 V ~	4 poles	1452	4,13	4	5,5	8,9
DCM-GE 80-2410/A/BAQE/ 5.5 T MCE55/C IE2	3x400 V ~	4 poles	1461	6,80	5,5	7,5	13,8
DCM-GE 80-2700/A/BAQE/ 7.5 T MCE110/C IE2	3x400 V ~	4 poles	1463	9,15	7,5	10	18,6
DCM-GE 80-3420/A/BAQE/ 11 T MCE110/C IE2	3x400 V ~	4 poles	1472	13,36	11	15	28,1
DCM-GE 100- 510/A/BAQE/ 0.75 M MCE11/C IE2	1x220-240 V ~	4 poles	1430	1,21	0,75	1	9,7
DCM-GE 100- 510/A/BAQE/ 0.75 T MCE30/C IE2	3x400 V ~	4 poles	1430	1,21	0,75	1	t.b.d.
DCM-GE 100- 660/A/BAQE/ 1,5 M MCE15/C IE2	1x220-240 V ~	4 poles	1430	2,08	1,5	2	15,3
DCM-GE 100- 660/A/BAQE/ 1,5 T MCE30/C IE2	3x400 V ~	4 poles	1430	2,08	1,5	2	t.b.d.
DCM-GE 100-1020/A/BAQE/ 3 T MCE30/C IE2	3x400 V ~	4 poles	1441	3,77	3	4	8,1
DCM-GE 100-1320/A/BAQE/4 T MCE55/C IE2	3x400 V ~	4 poles	1450	4,81	4	5,5	10
DCM-GE 100-1650/A/BAQE/ 5,5 T MCE55/C IE2	3x400 V ~	4 poles	1464	7,27	5,5	7,5	14,6
DCM-GE 100-2050/A/BAQE/ 7,5 T MCE110/C IE2	3x400 V ~	4 poles	1461	8,89	7,5	10	18,1
DCM-GE 100-2550/A/BAQE/ 11 T MCE110/C IE2	3x400 V ~	4 poles	1470	12,74	11	15	27
DCM-GE 100-3290/A/BAQE/ 15 T MCE150/C IE2	3x400 V ~	4 poles	1471	17,91	15	20	37,1
DCM-GE 125-1075/A/BAQE/ 4 T MCE55/C IE2	3x400 V ~	4 poles	1455	5,38	4	5,5	11
DCM-GE 125-1270/A/BAQE/ 5.5 T MCE55/C IE2	3x400 V ~	4 poles	1465	7,55	5,5	7,5	15,2
DCM-GE 125-1560/A/BAQE/ 7.5 T MCE110/C IE2	3x400 V ~	4 poles	1469	9,93	7,5	10	20,0
DCM-GE 125-2100/A/BAQE/ 11 T MCE110/C IE2	3x400 V ~	4 poles	1475	14,30	11	15	29,8
DCM-GE 125-2550/A/BAQE/ 15 T MCE150/C IE2	3x400 V ~	4 poles	1470	17,07	15	20	35,6
DCM-GE 150- 955/A/BAQE/ 5.5 T MCE55/C IE2 *	3x400 V ~	4 poles	1462	7,90	5,5	7,5	15,8
DCM-GE 150-1322/A/BAQE/ 7.5 T MCE110/C IE2 *	3x400 V ~	4 poles	1464	9,37	7,5	10	19
DCM-GE 150-1600/A/BAQE/ 11 T MCE110/C IE2 *	3x400 V ~	4 poles	1473	13,61	11	15	28,6
DCM-GE 150-1950/A/BAQE/ 15 T MCE150/C IE2 *	3x400 V ~	4 poles	1472	18,39	15	20	38

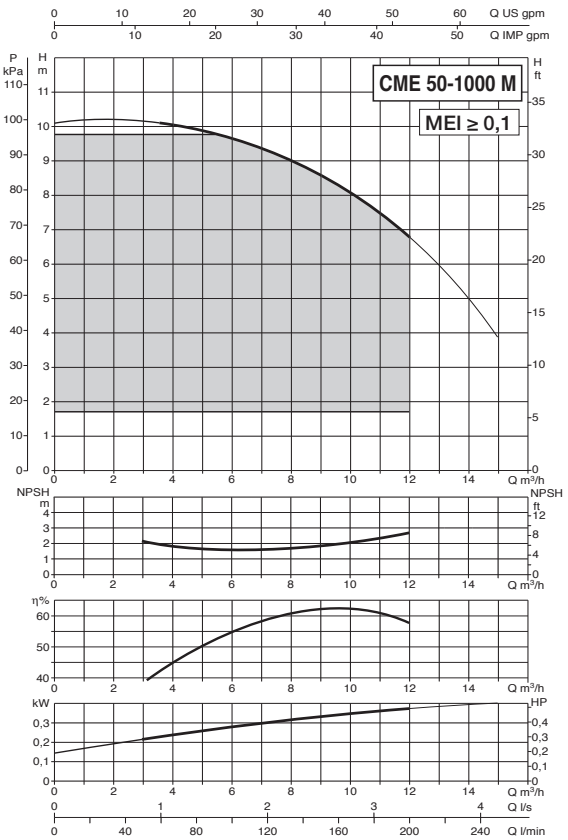
* PRELIMINARY DATA.

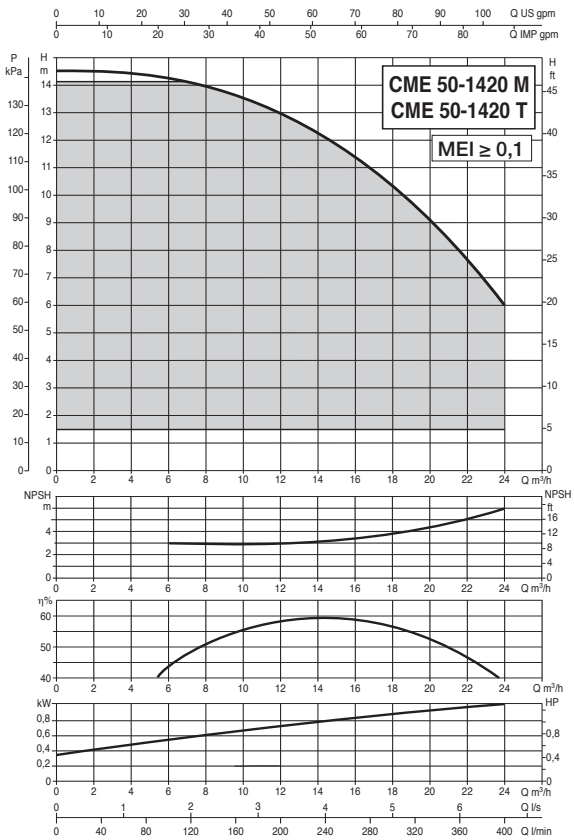
CME / CM-GE / DCME / DCM-GE - 4 POLES

ELECTRONIC IN-LINE PUMPS

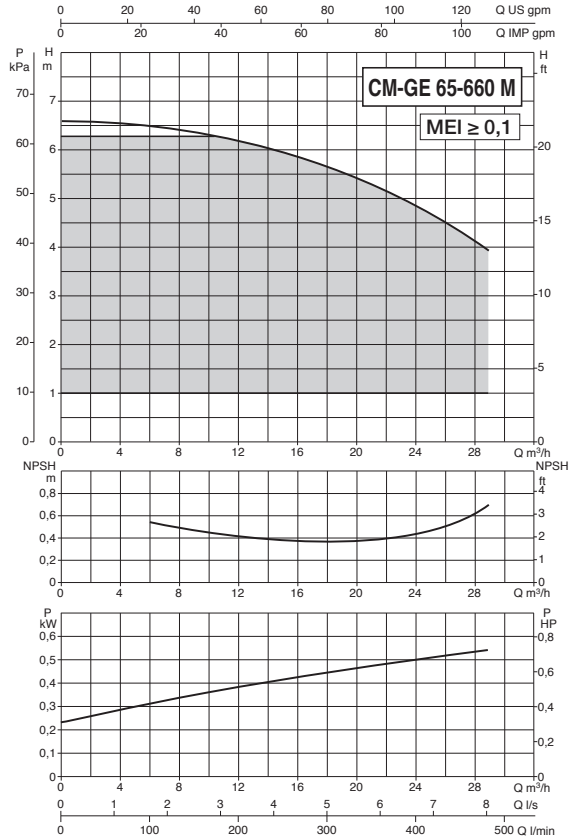


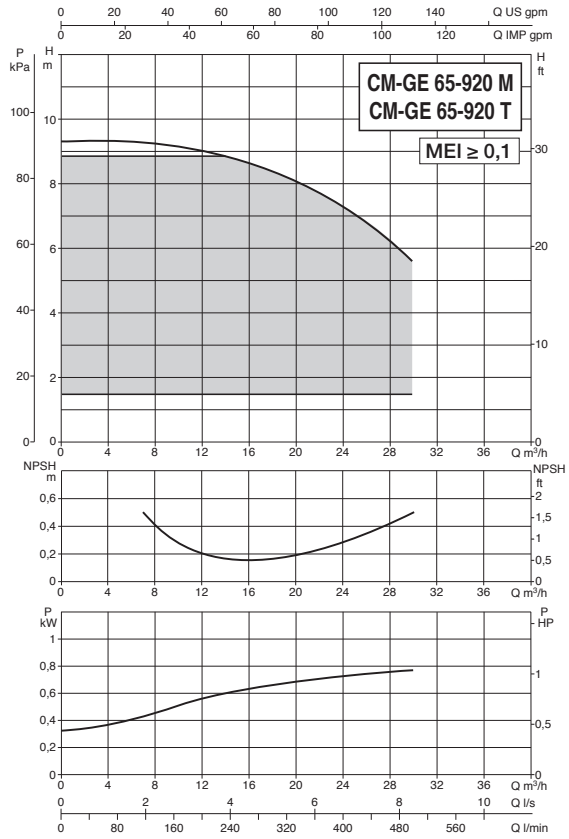


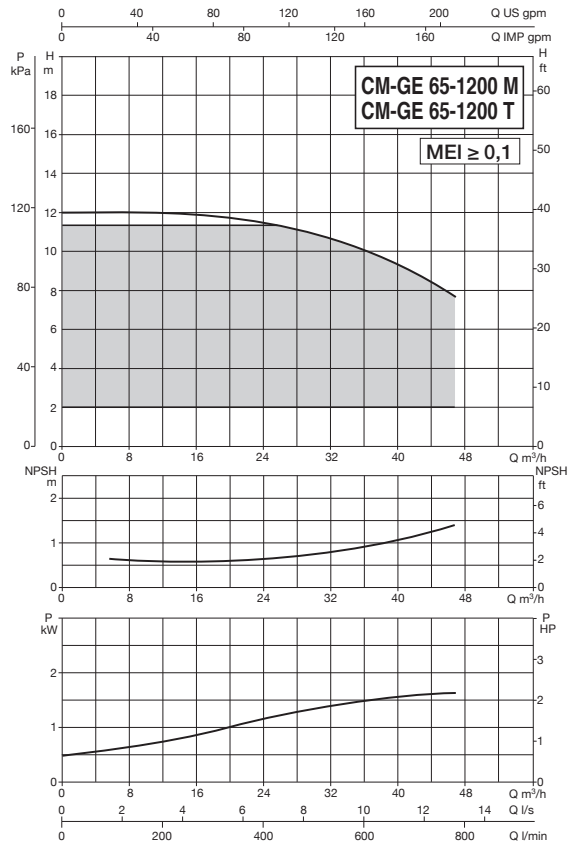


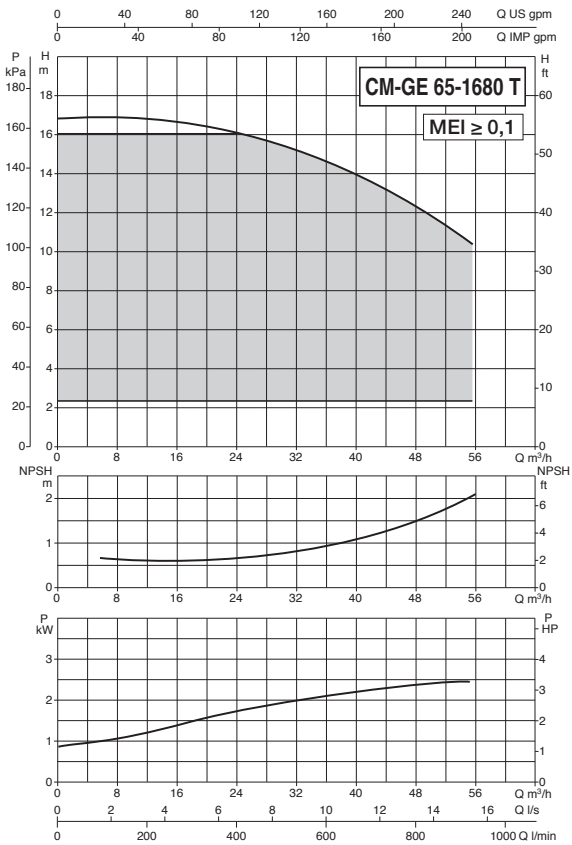


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.





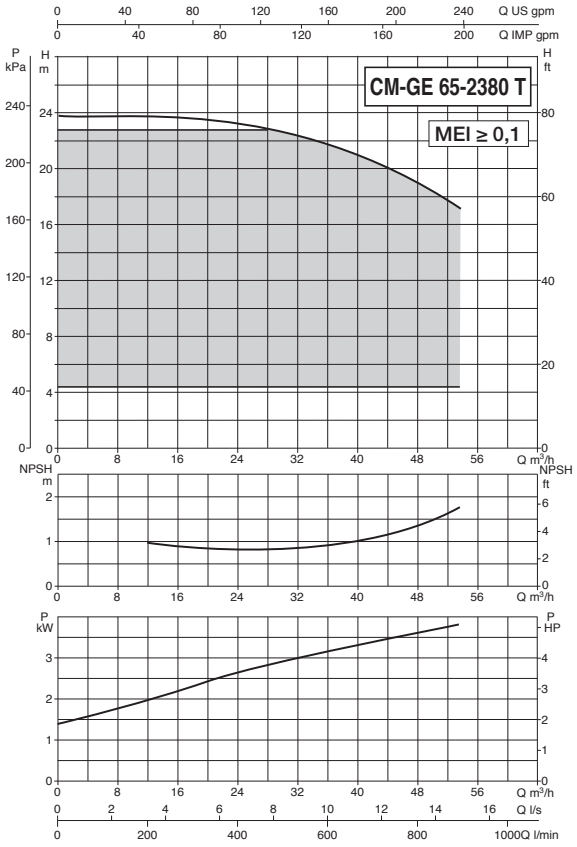


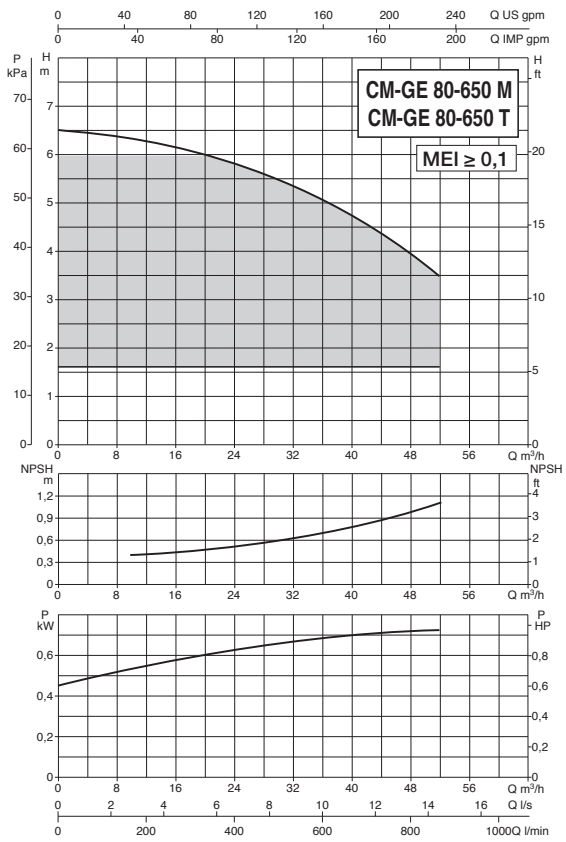


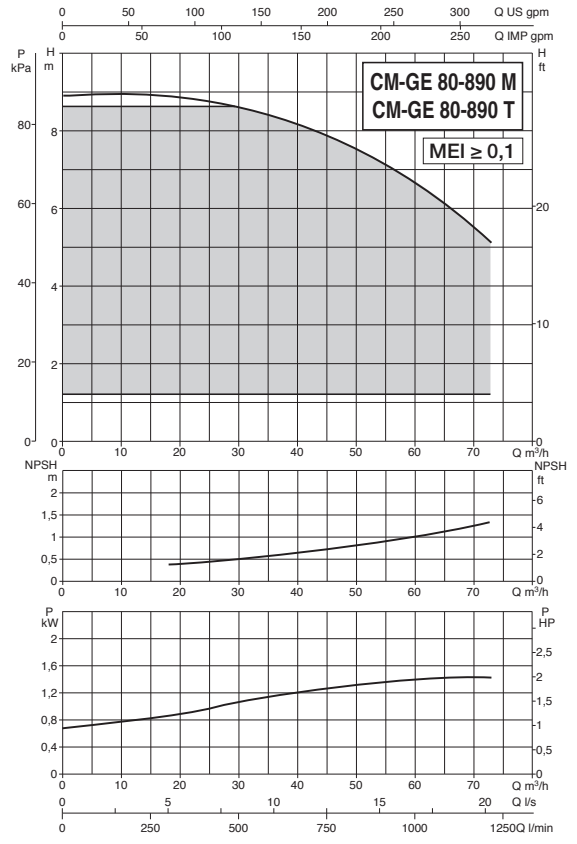
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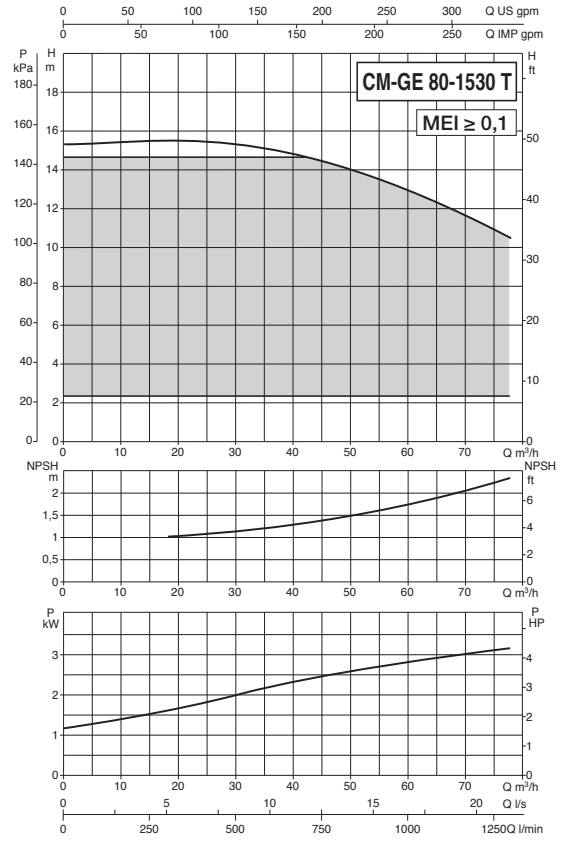
CME / CM-GE / DCME / DCM-GE - 4 POLES

ELECTRONIC IN-LINE PUMPS

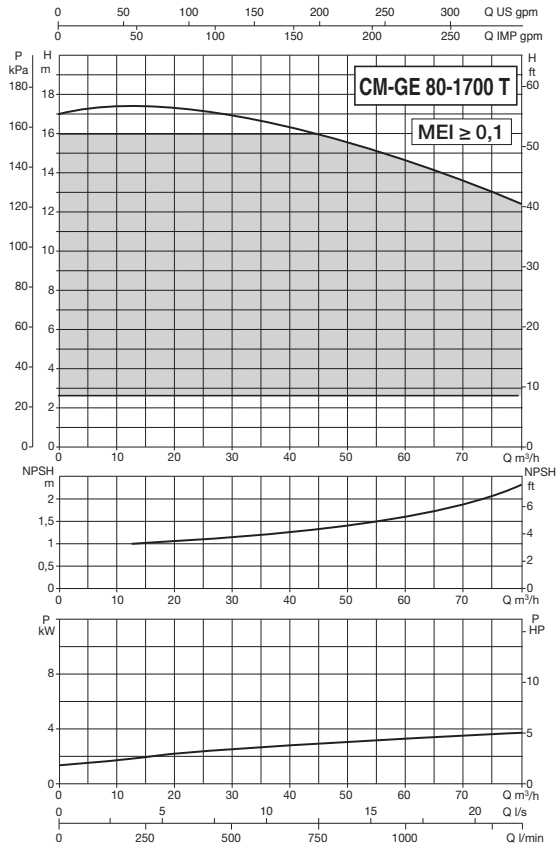


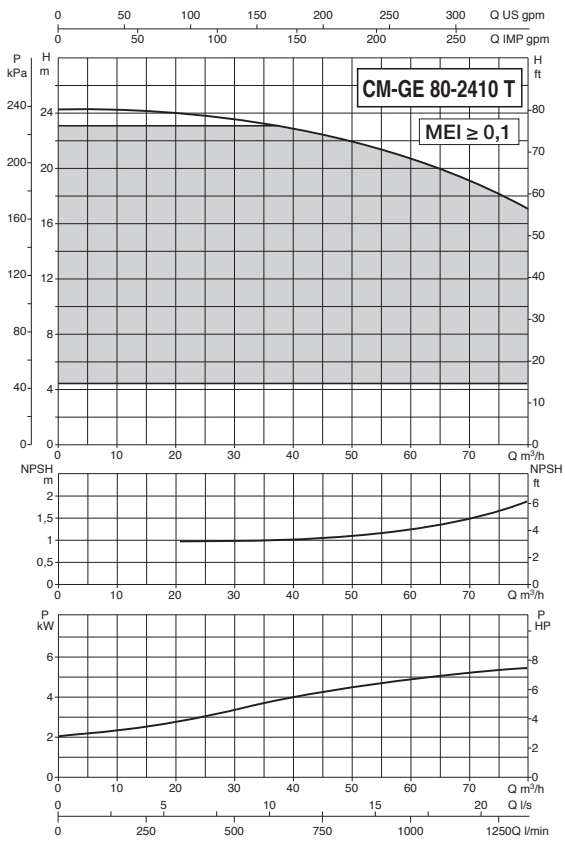


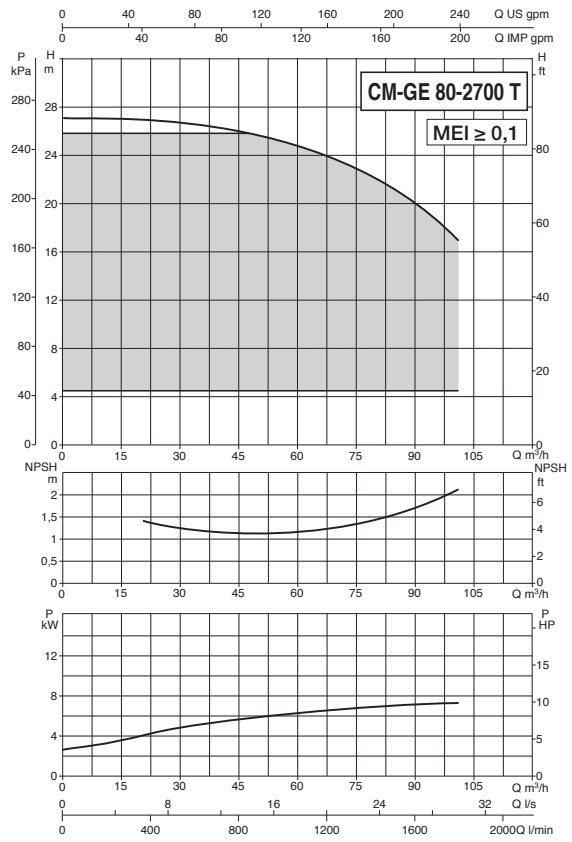


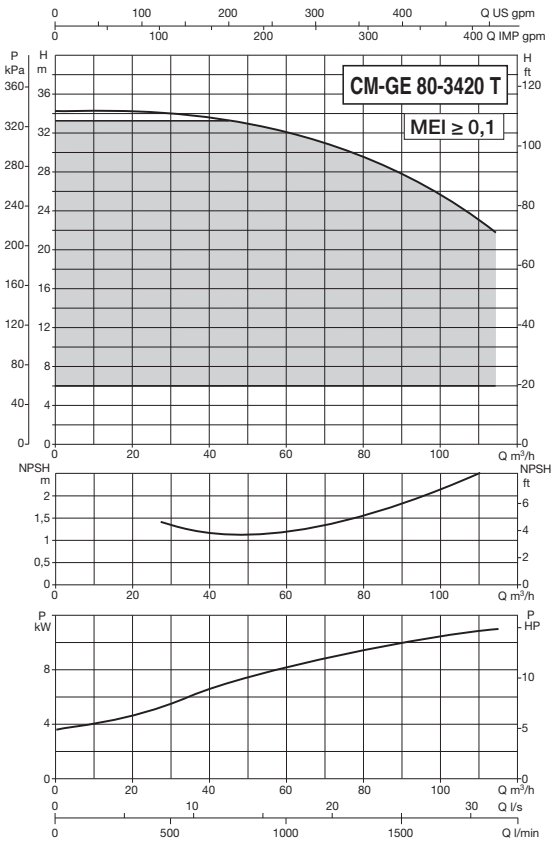


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.





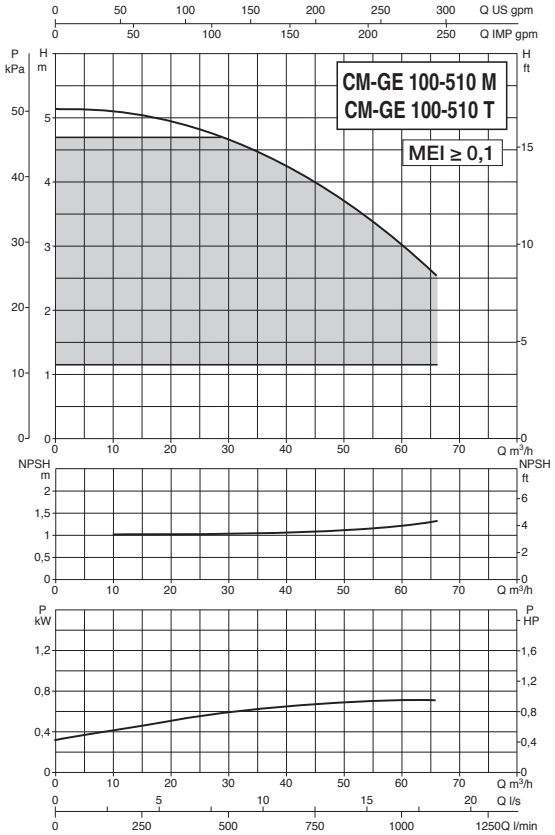


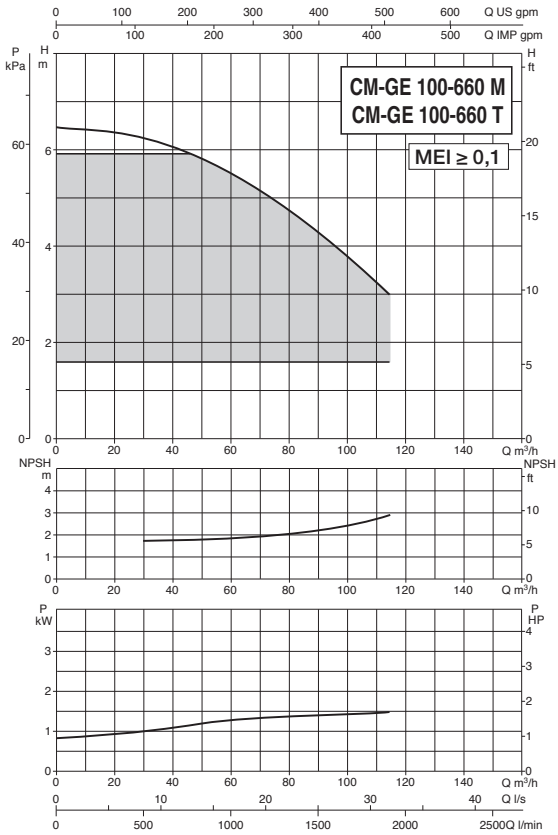


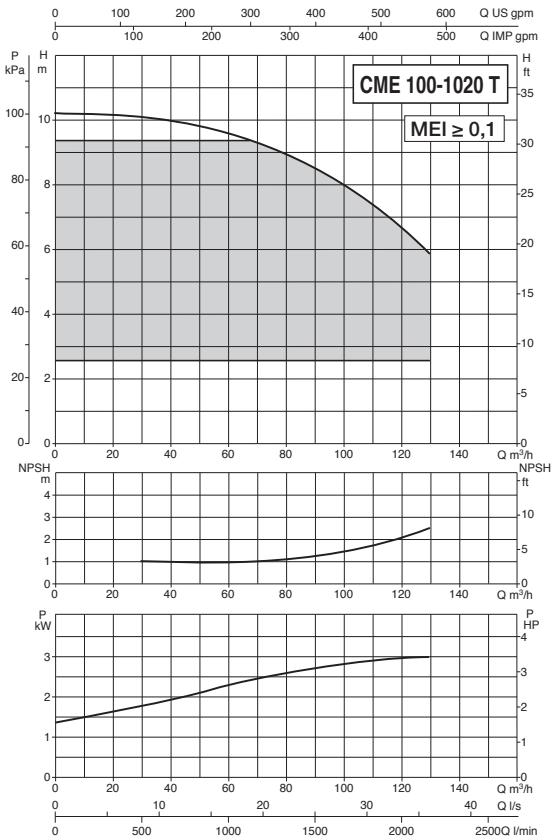
The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.

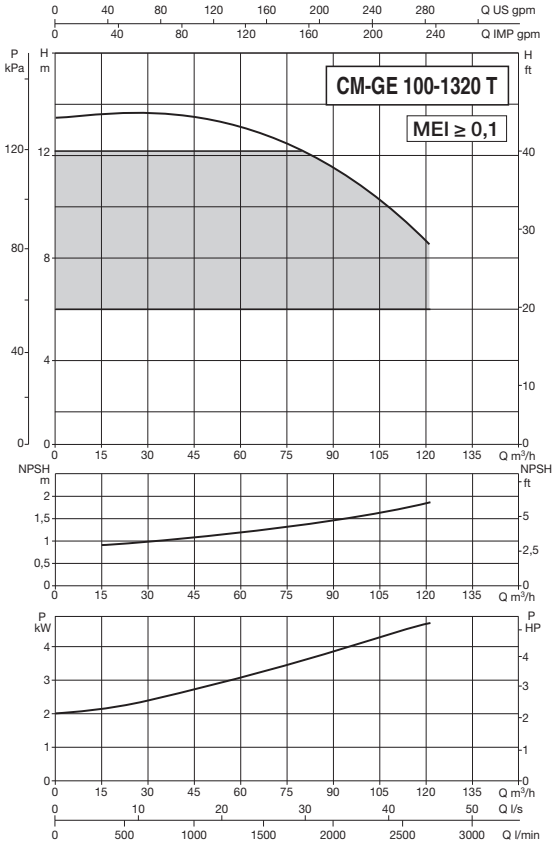
CME / CM-GE / DCME / DCM-GE - 4 POLES

ELECTRONIC IN-LINE PUMPS

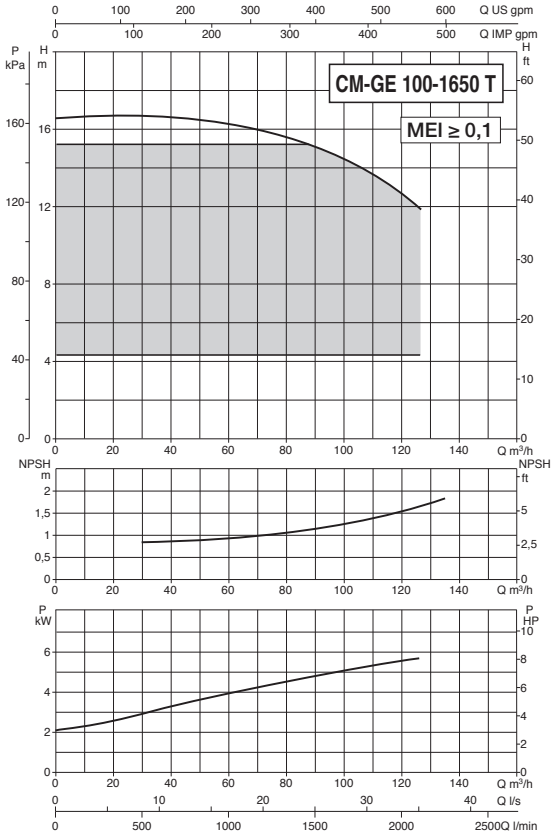


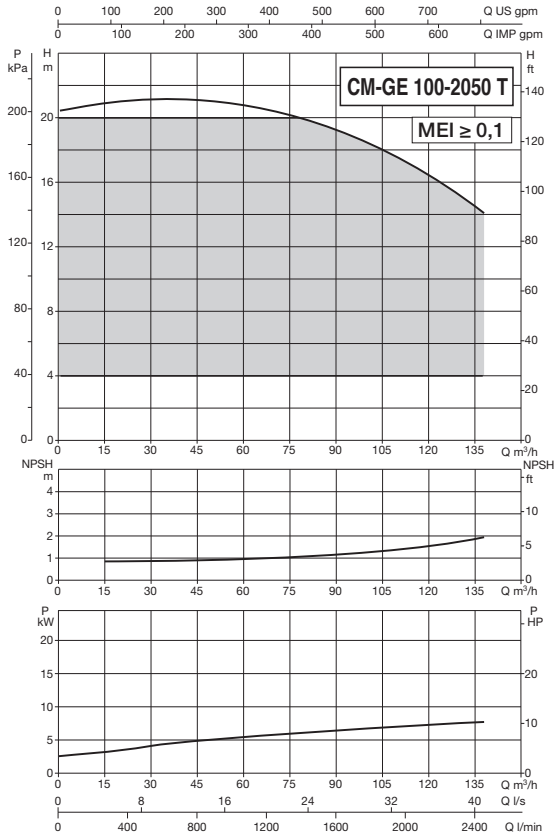


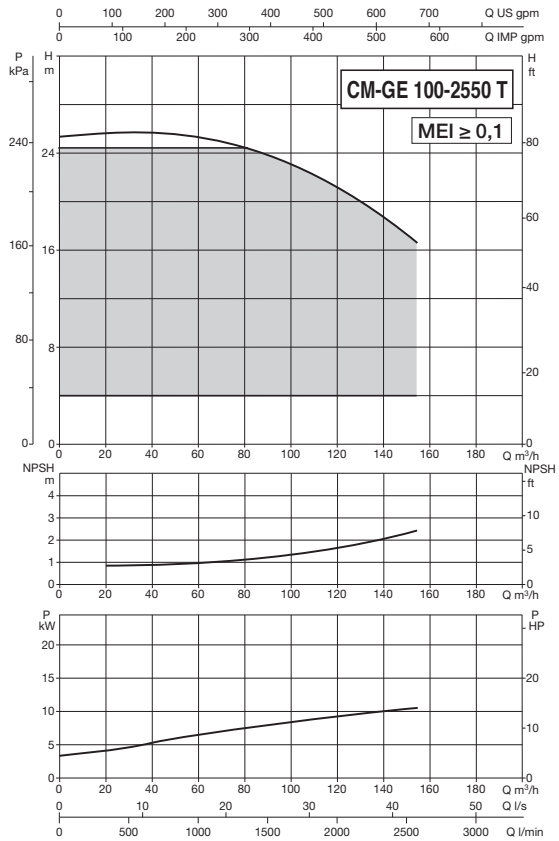


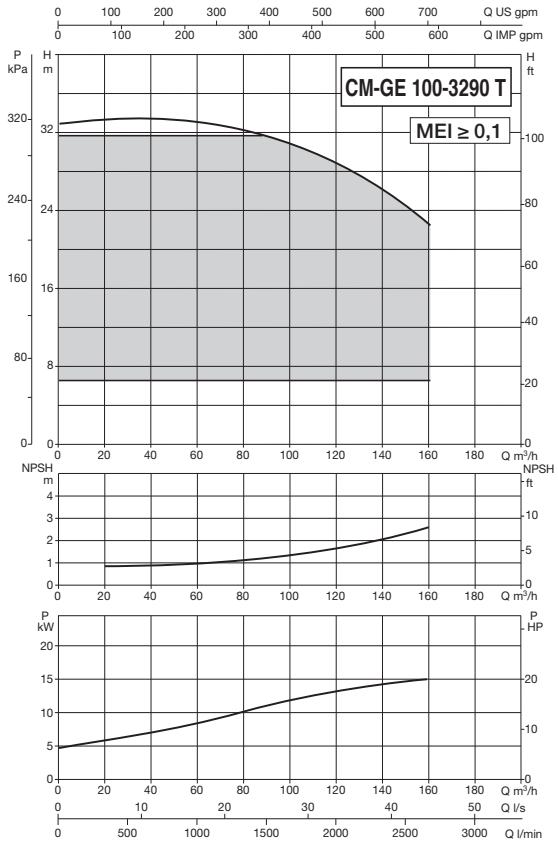


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.





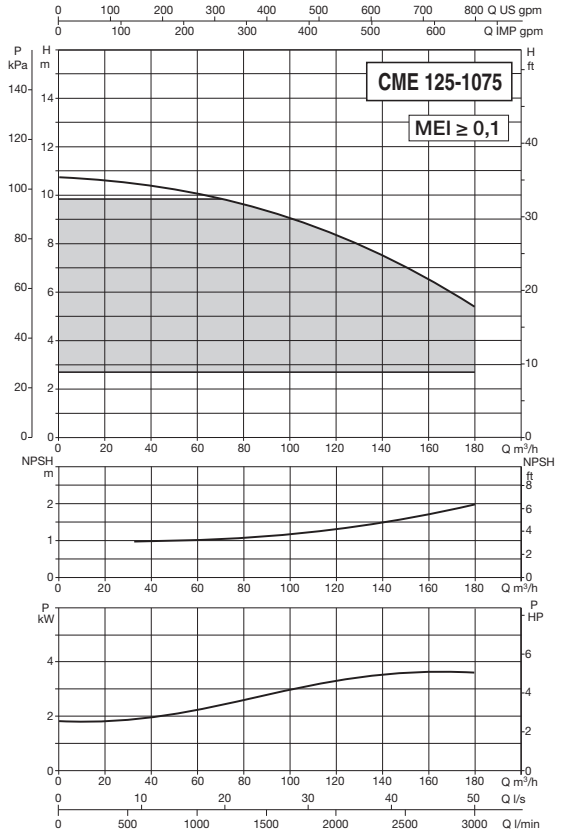


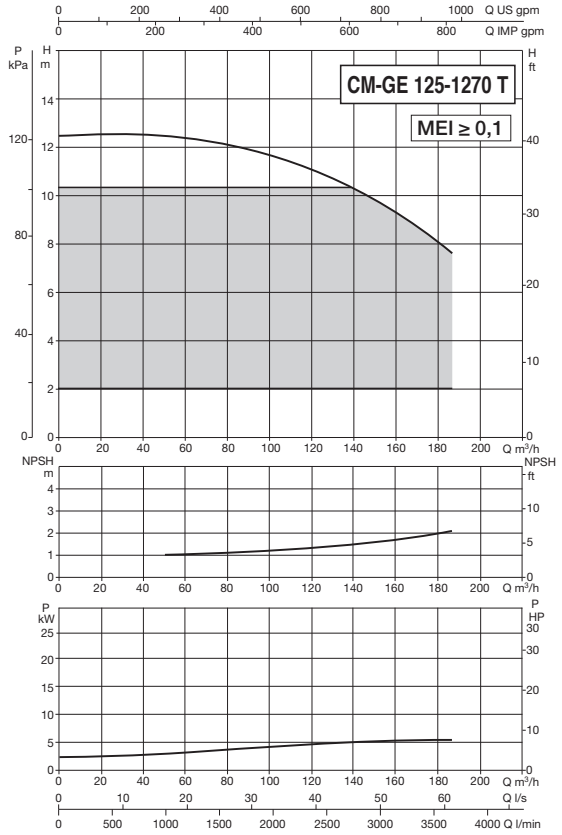


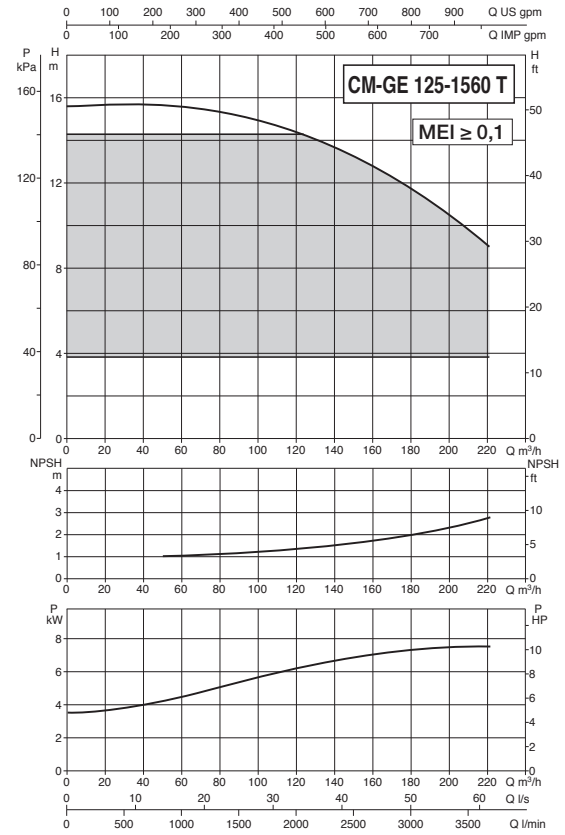
The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.

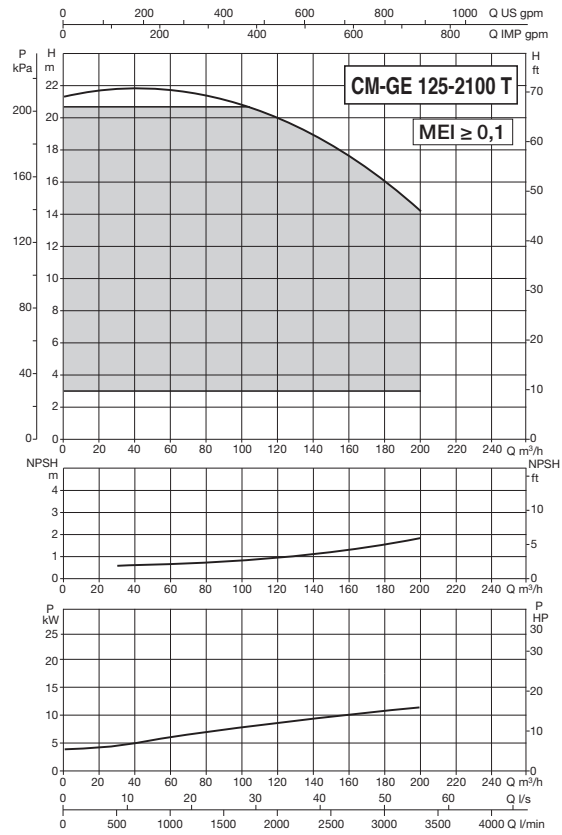
CME / CM-GE / DCME / DCM-GE - 4 POLES

ELECTRONIC IN-LINE PUMPS

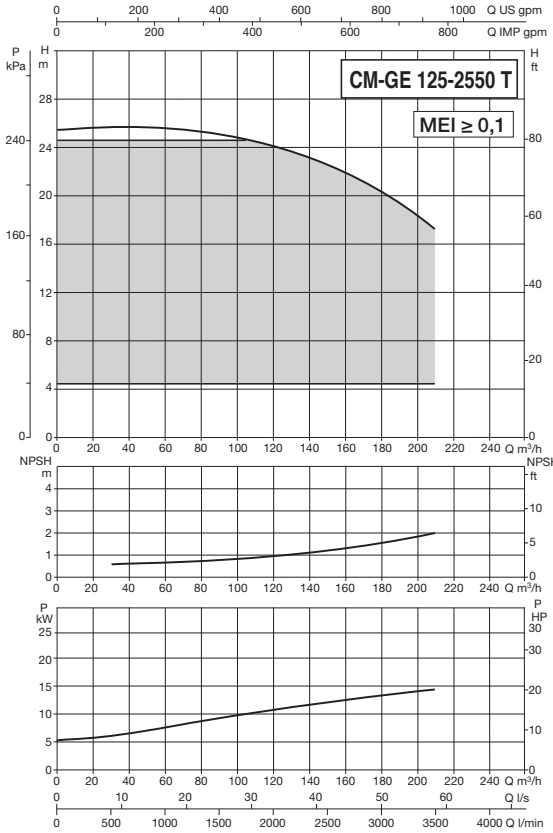


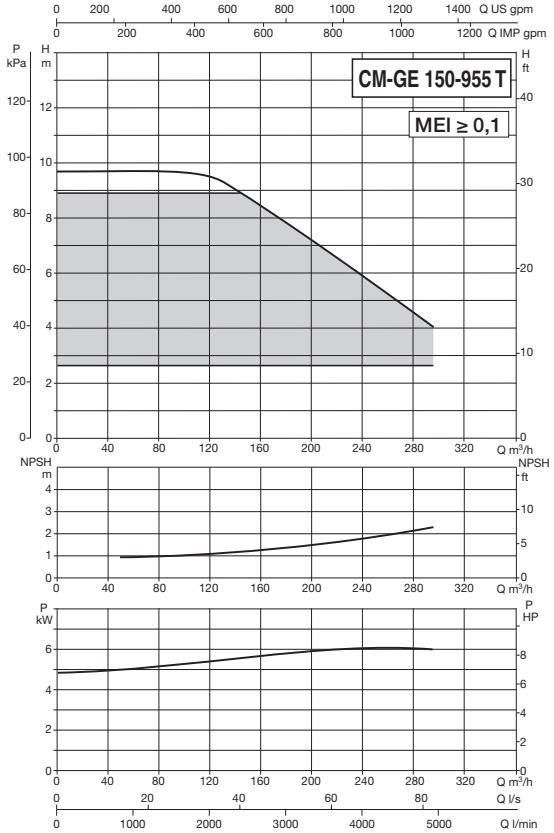


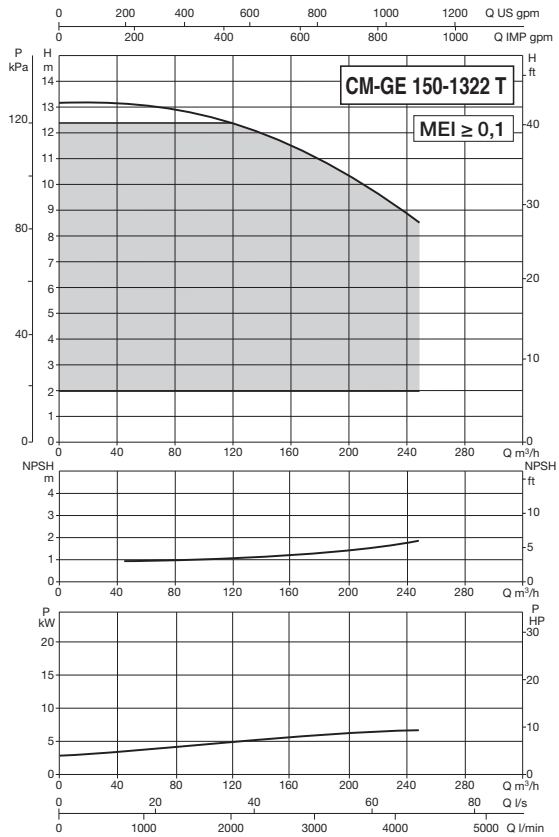


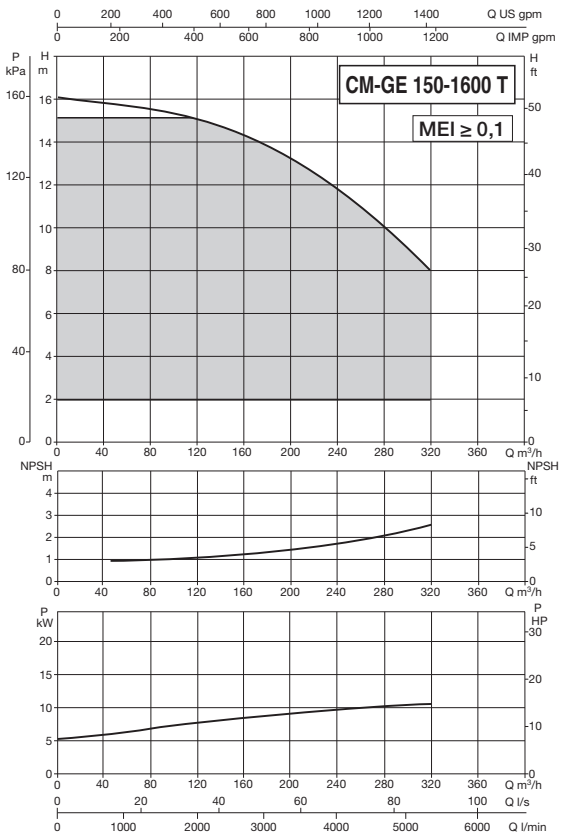


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.





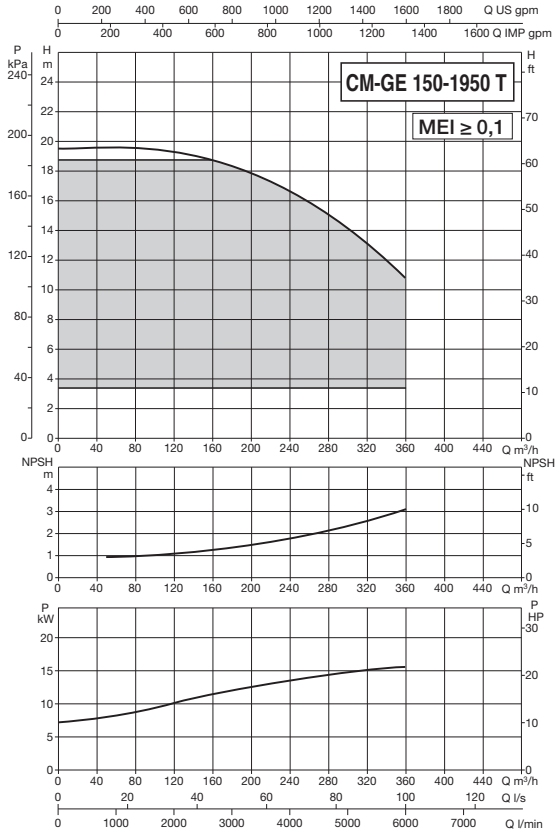


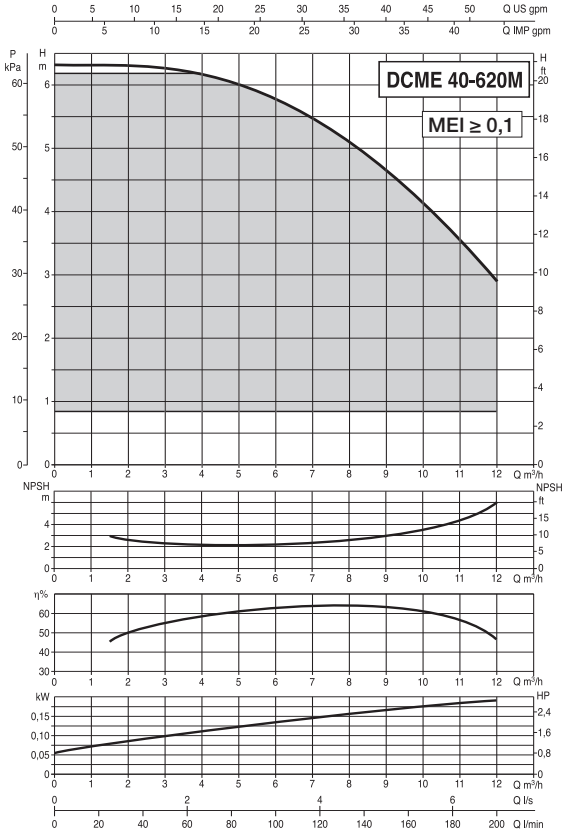


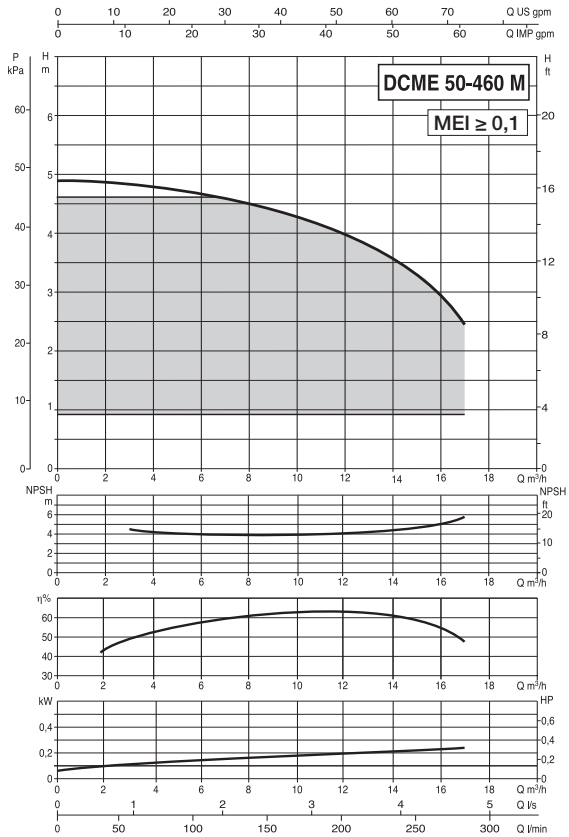
The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.

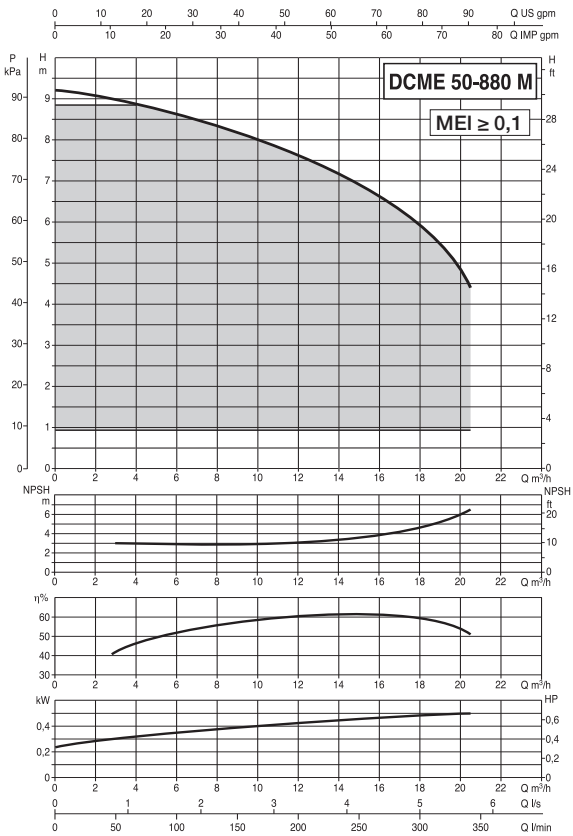
CME / CM-GE / DCME / DCM-GE - 4 POLES

ELECTRONIC IN-LINE PUMPS

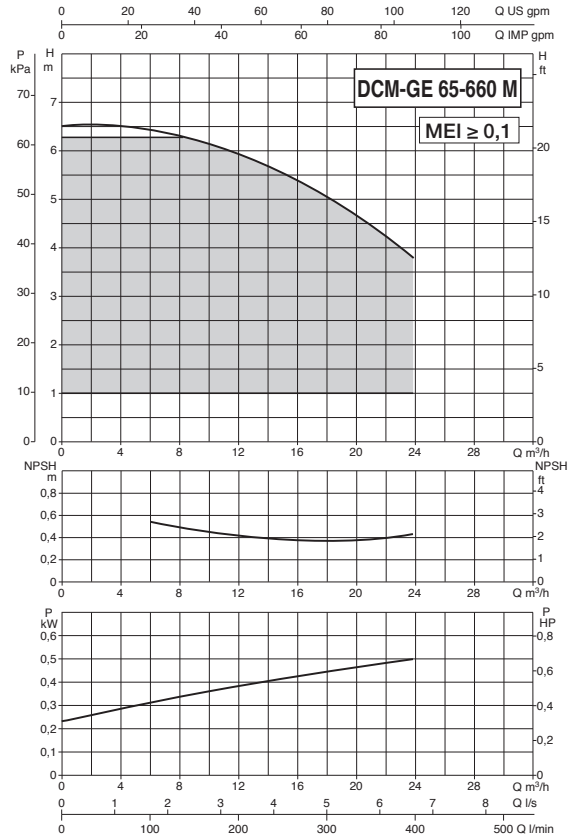


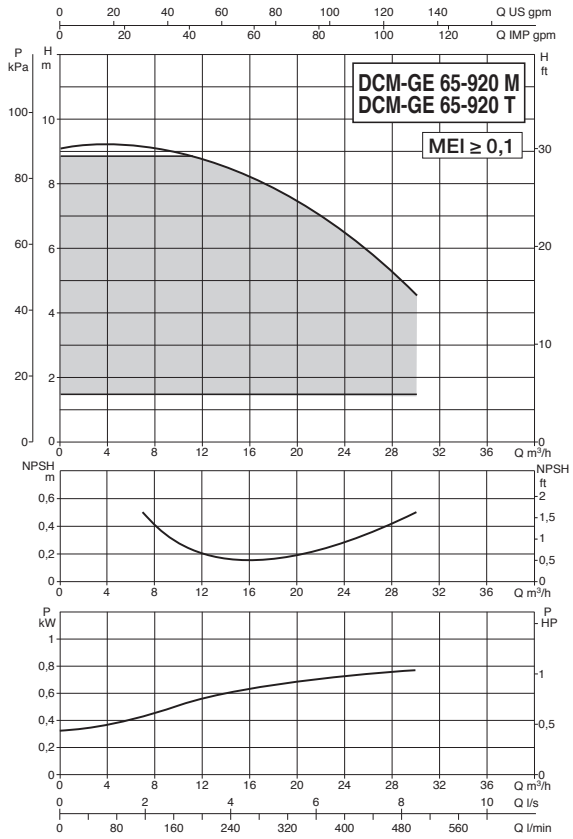


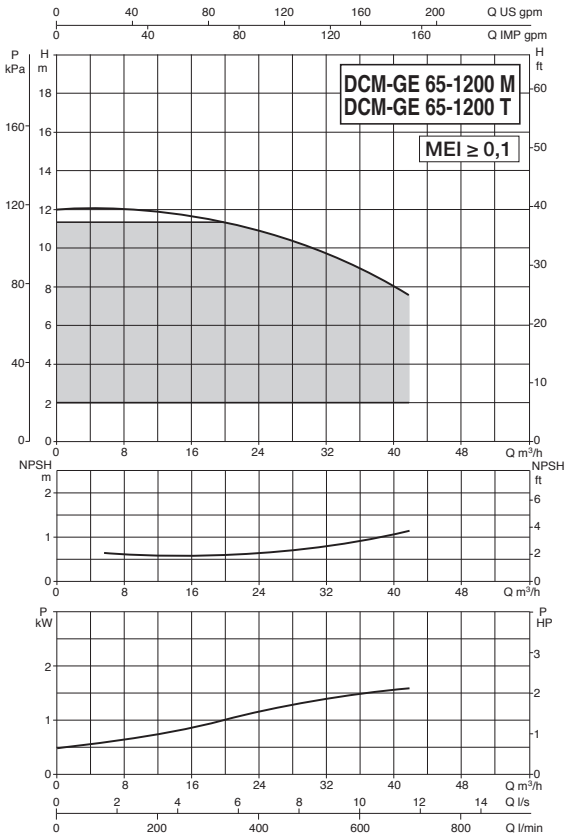


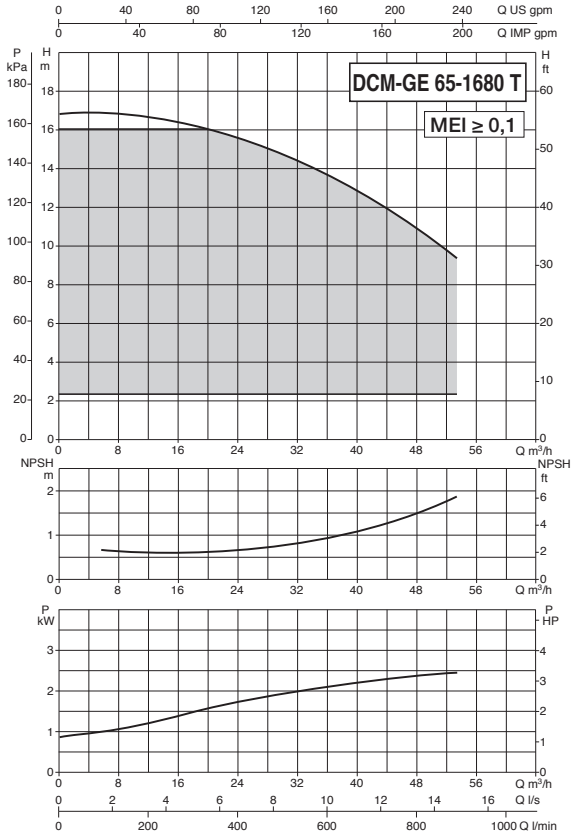


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.





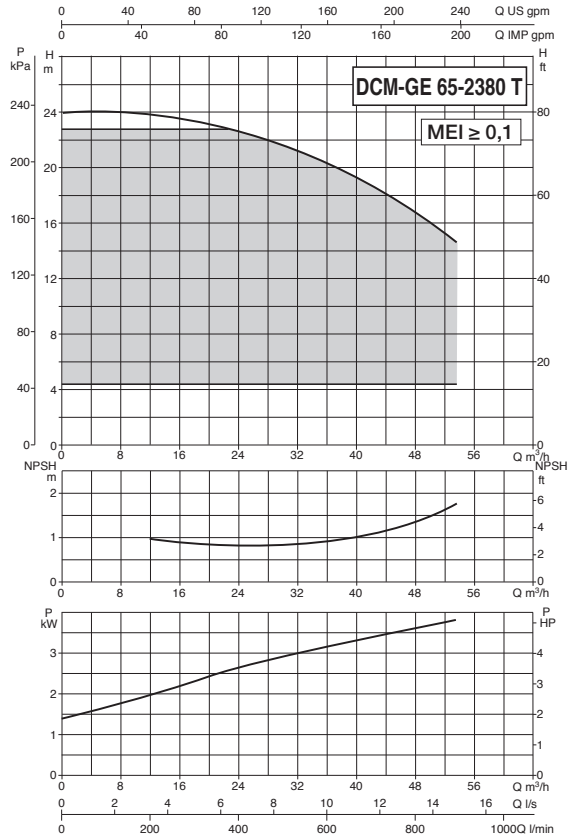


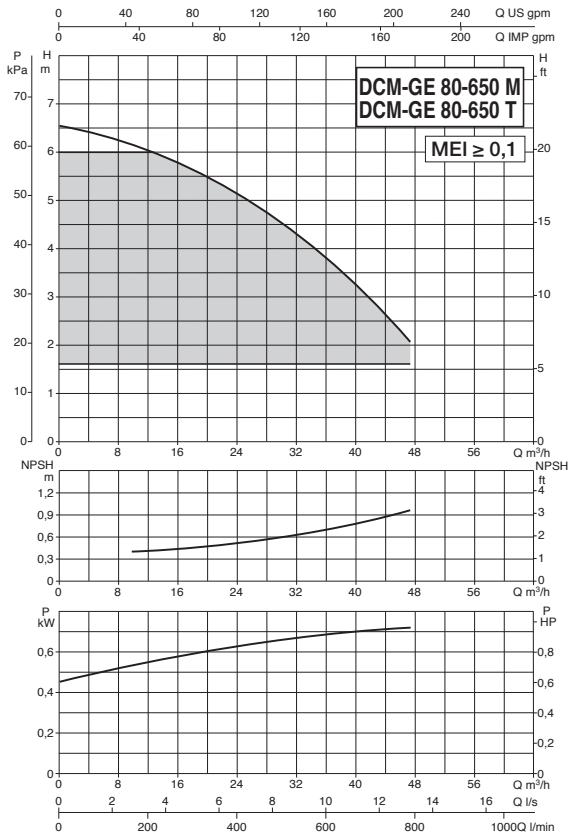


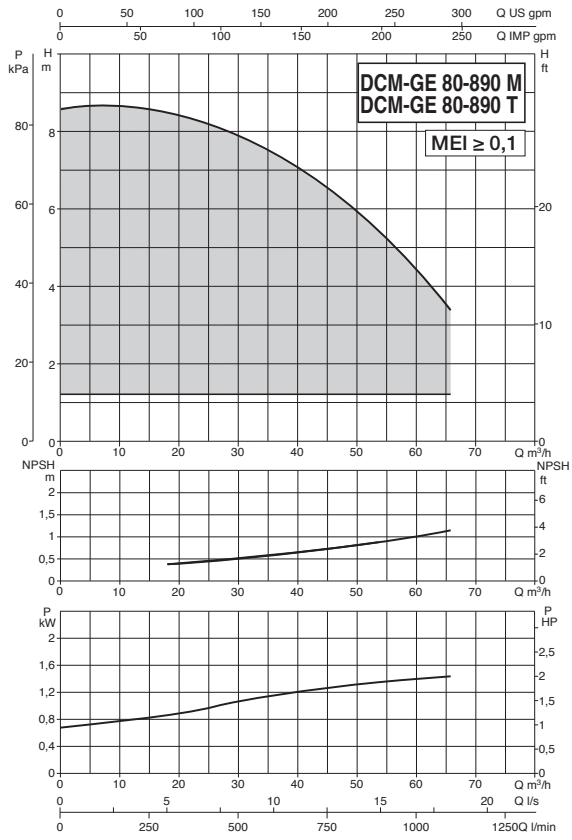
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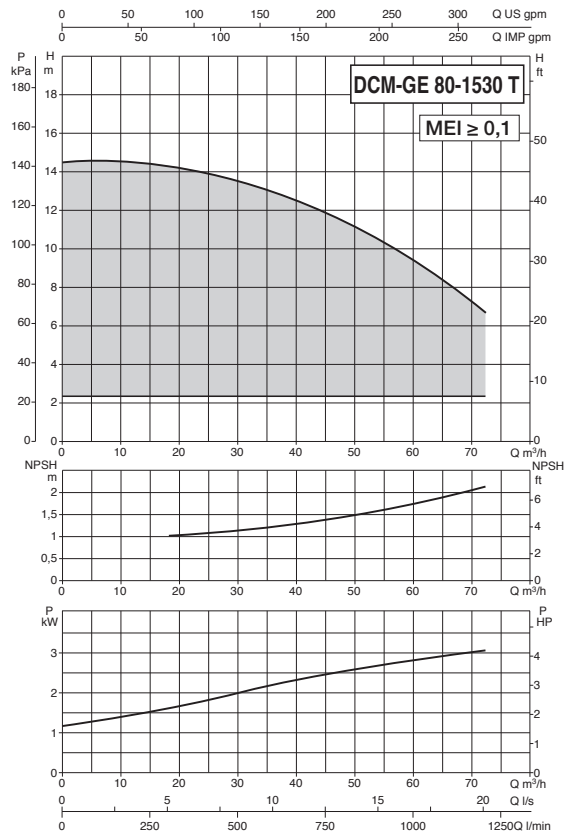
CME / CM-GE / DCME / DCM-GE - 4 POLES

ELECTRONIC IN-LINE PUMPS

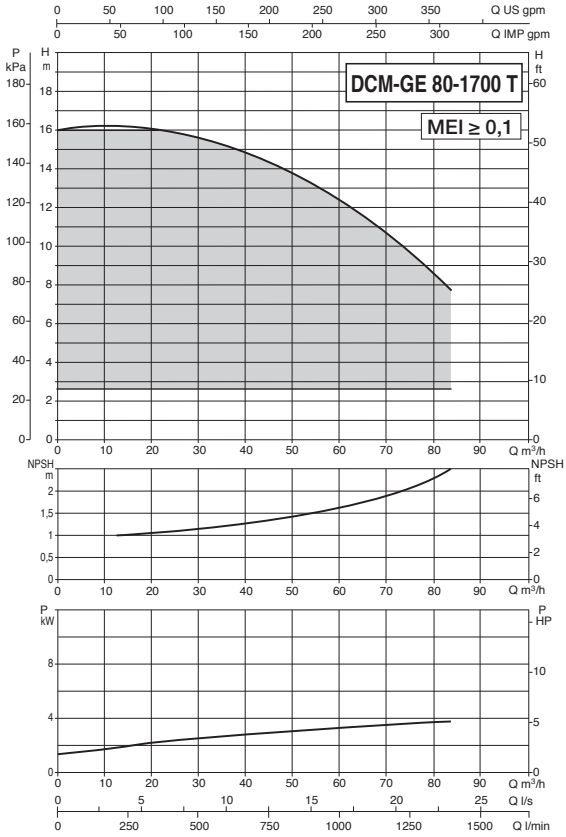


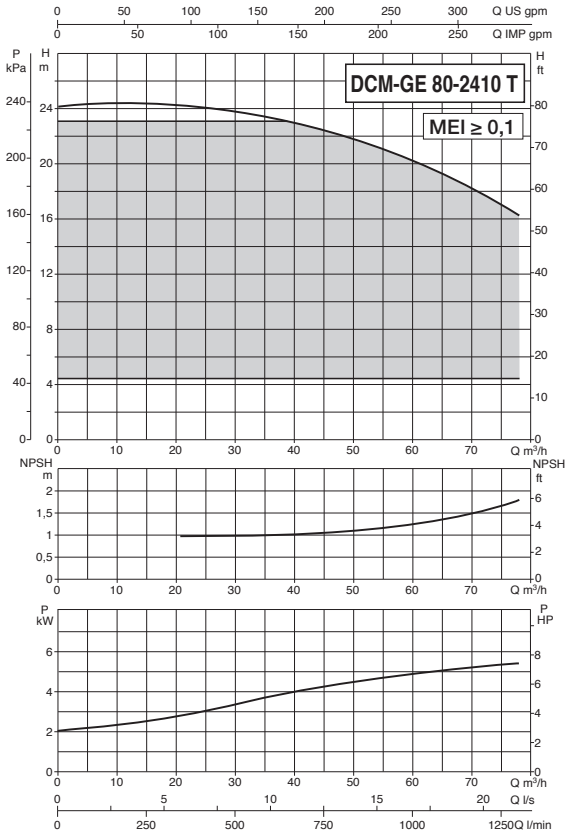


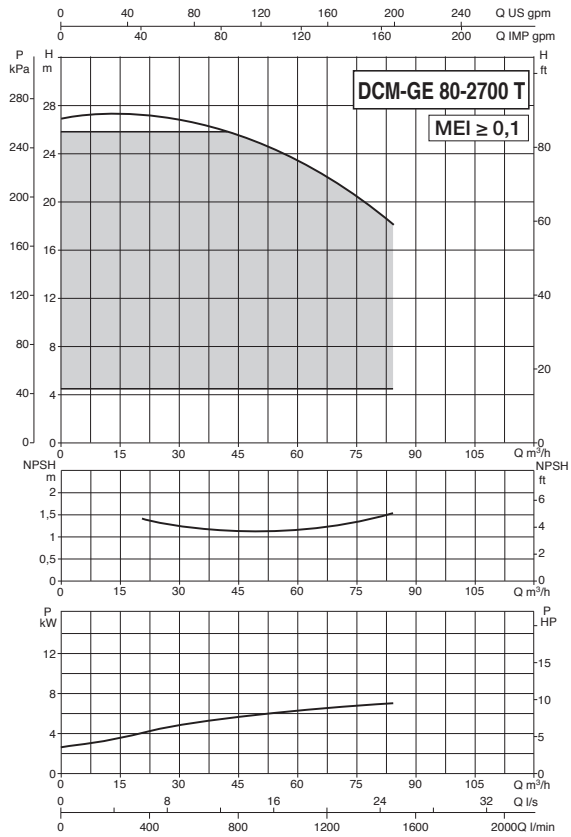


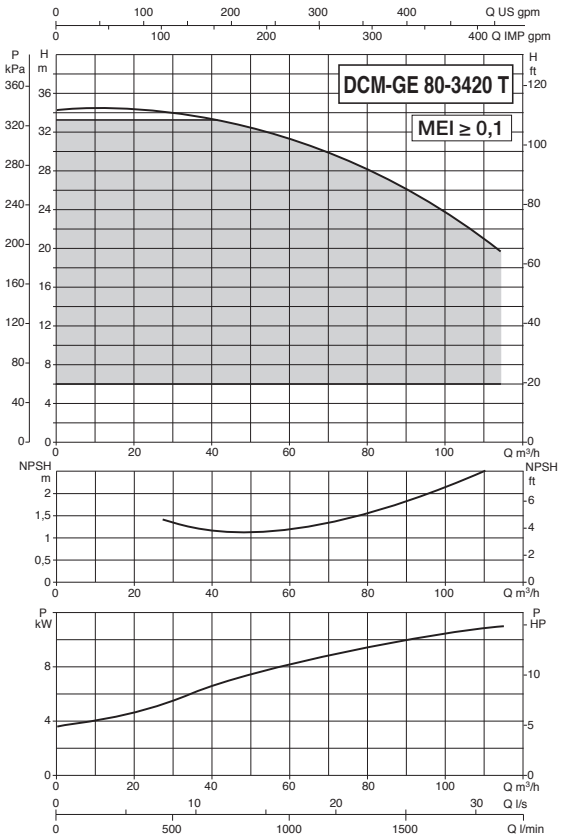


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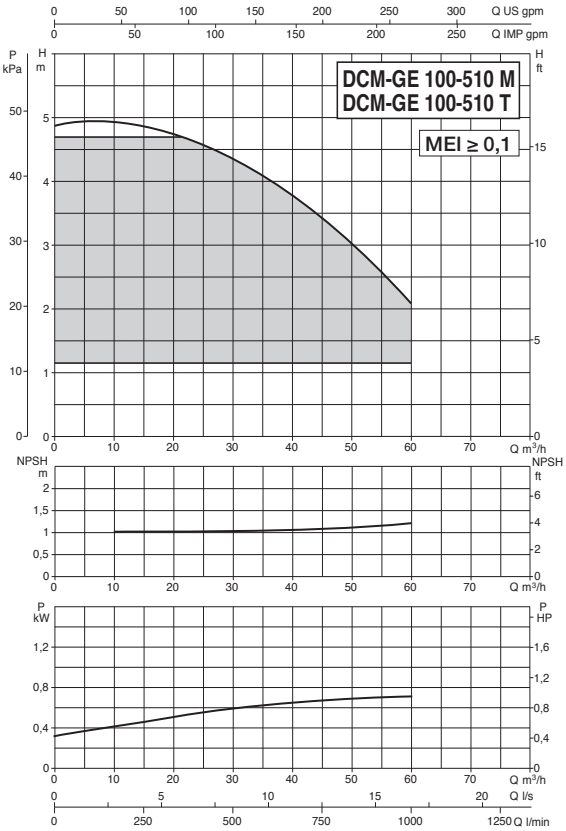


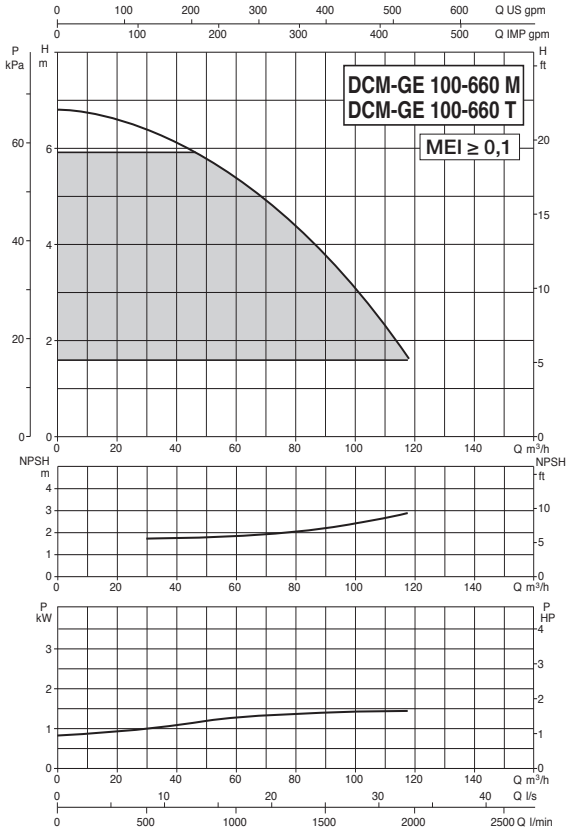


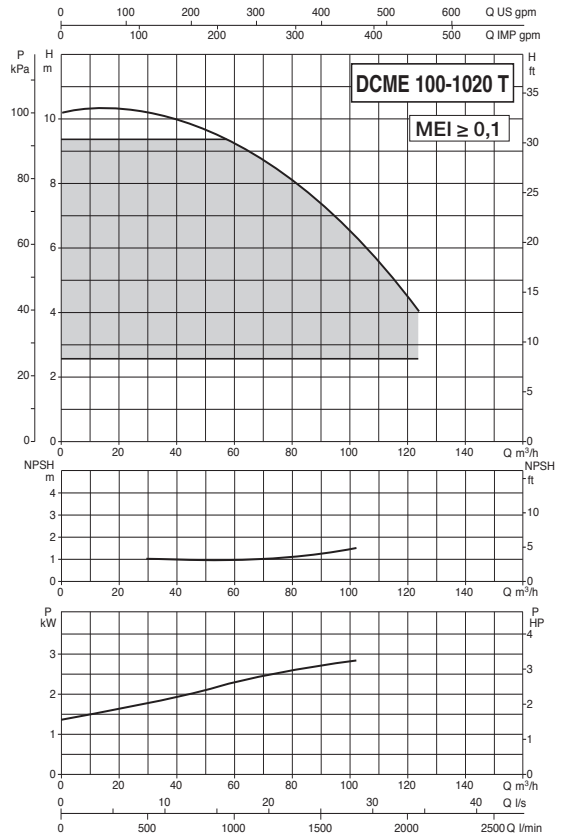
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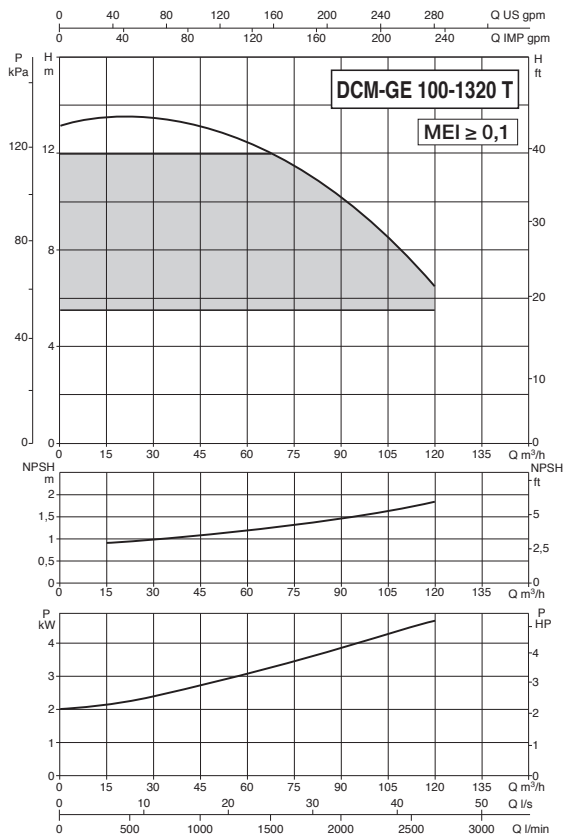
CME / CM-GE / DCME / DCM-GE - 4 POLES

ELECTRONIC IN-LINE PUMPS

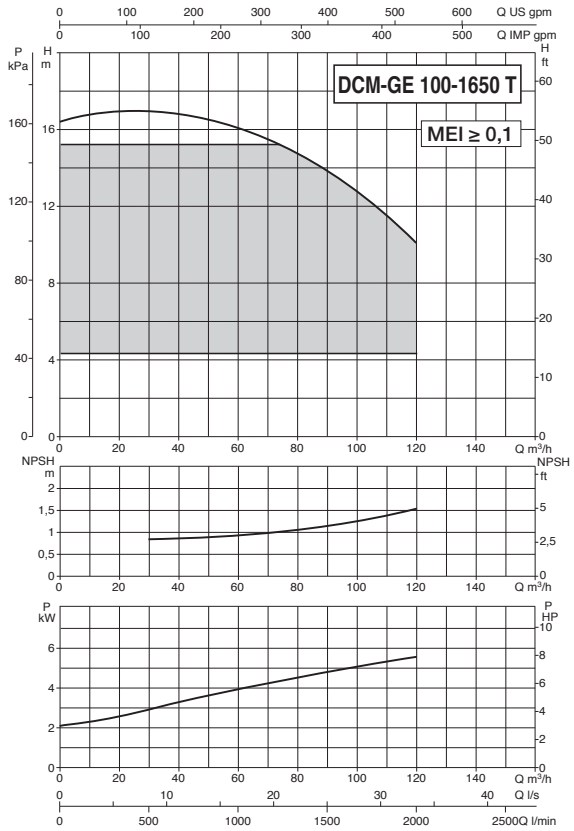


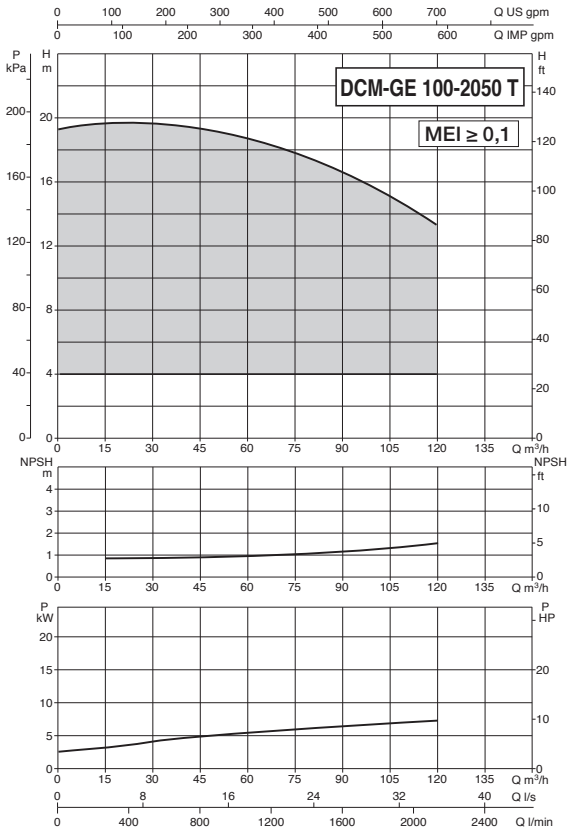


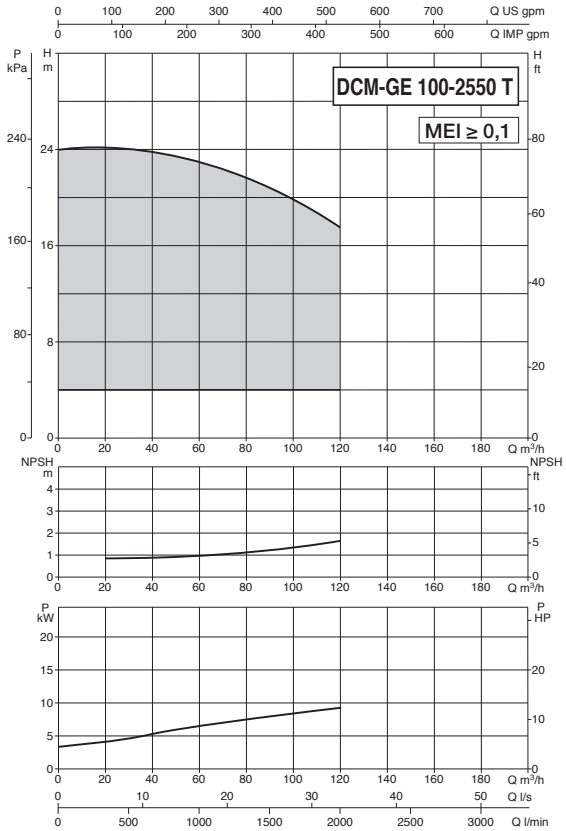


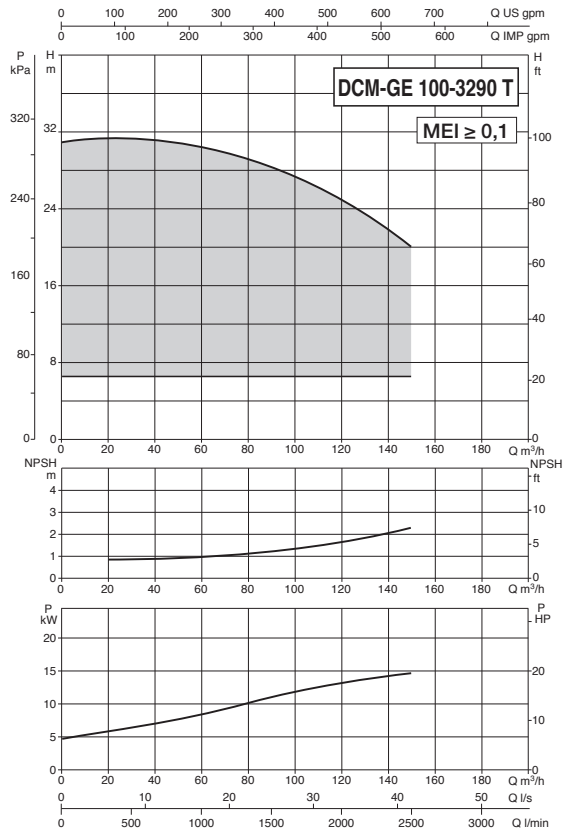


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.





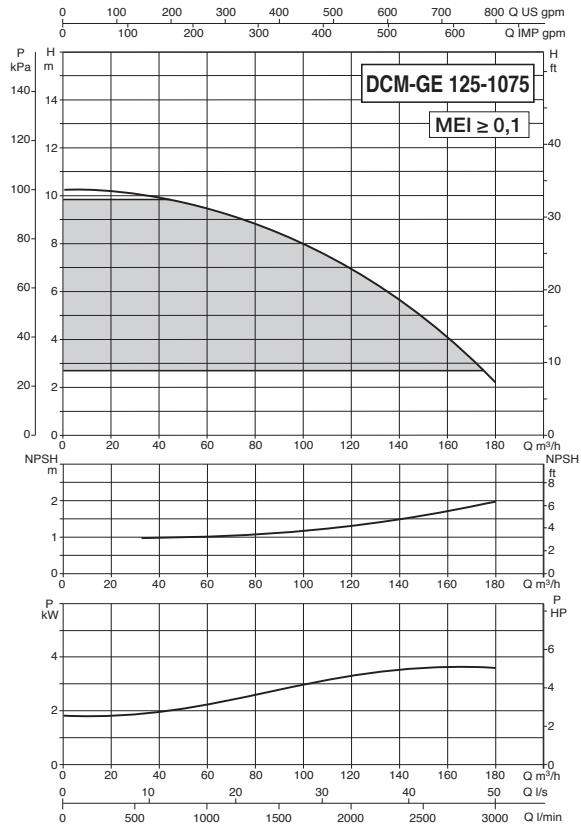


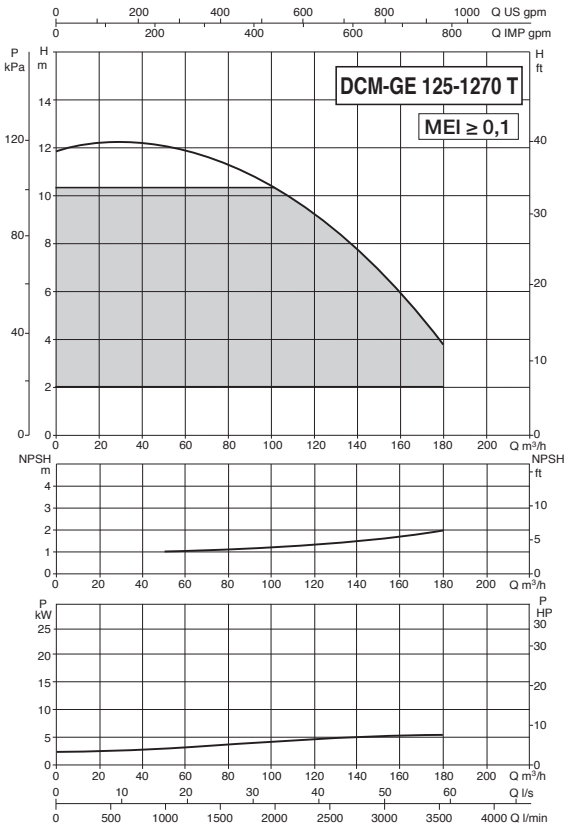


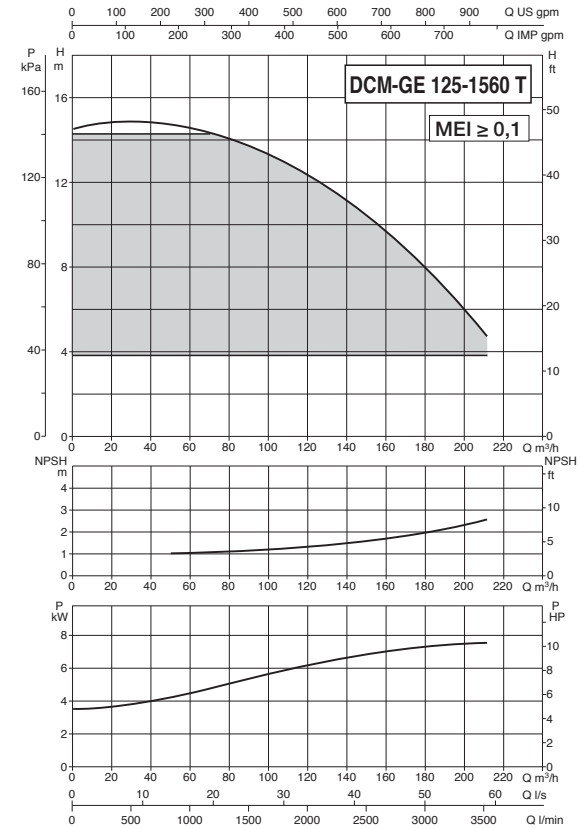
The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.

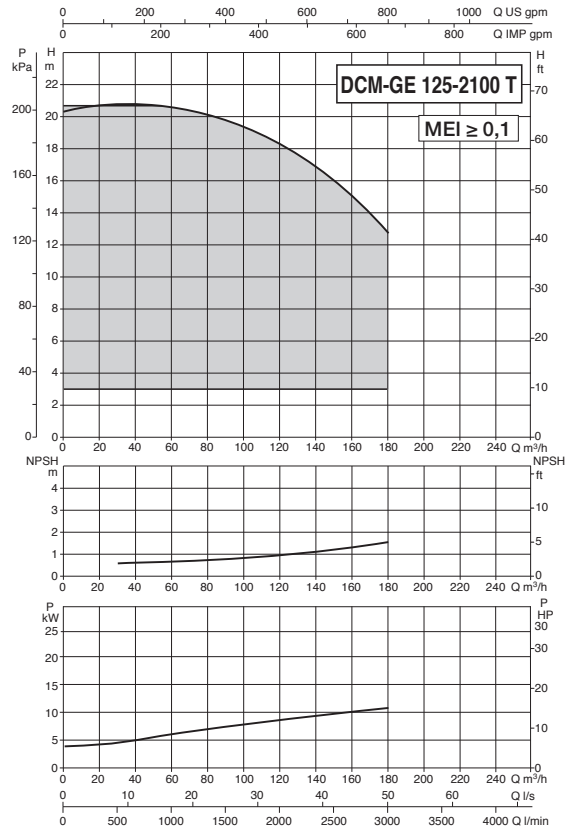
CME / CM-GE / DCME / DCM-GE - 4 POLES

ELECTRONIC IN-LINE PUMPS

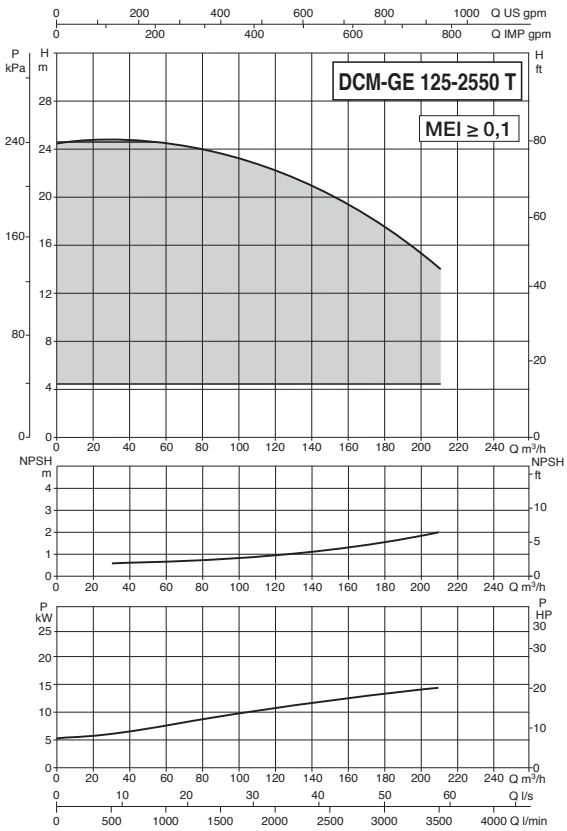


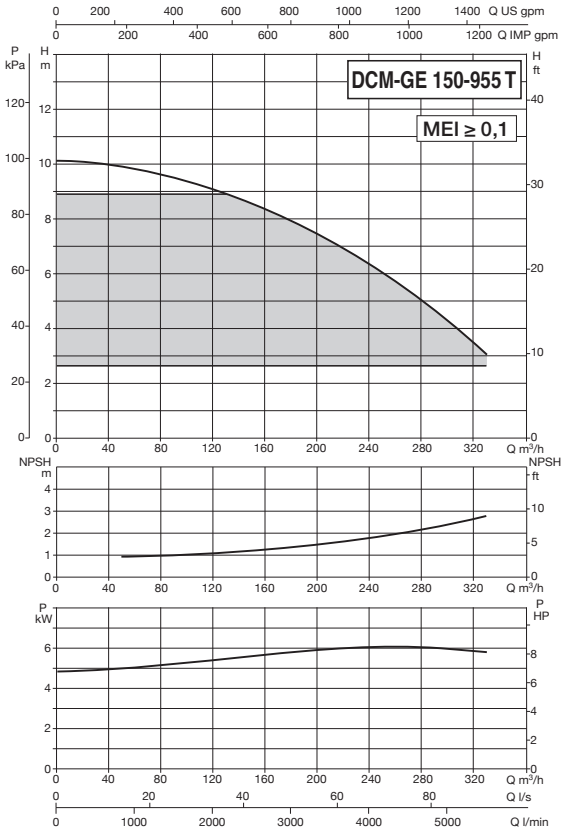


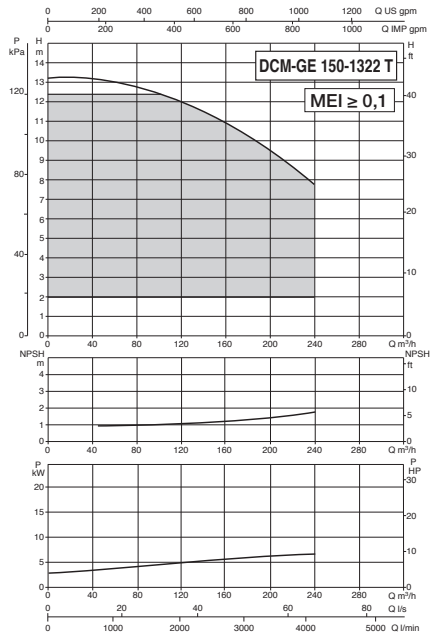


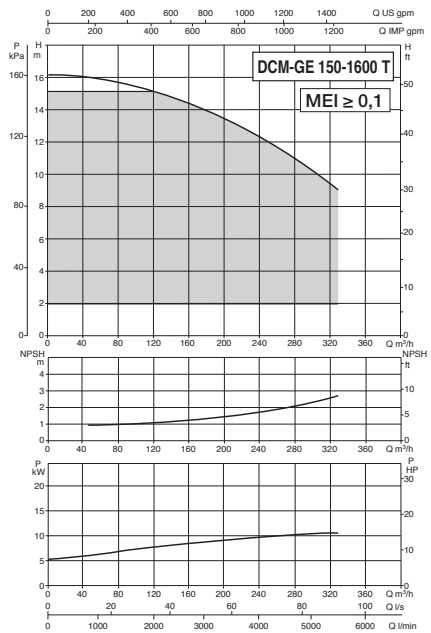


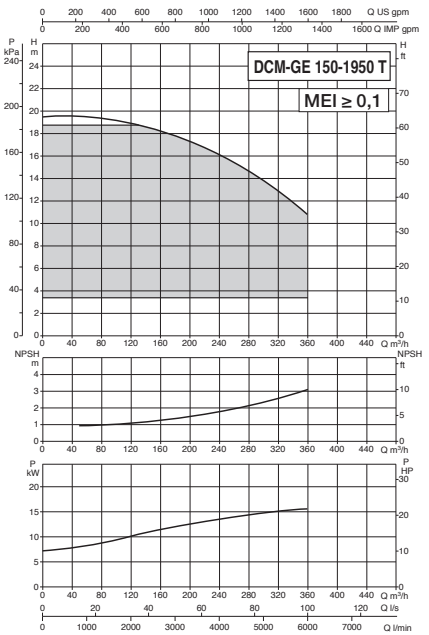
The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.





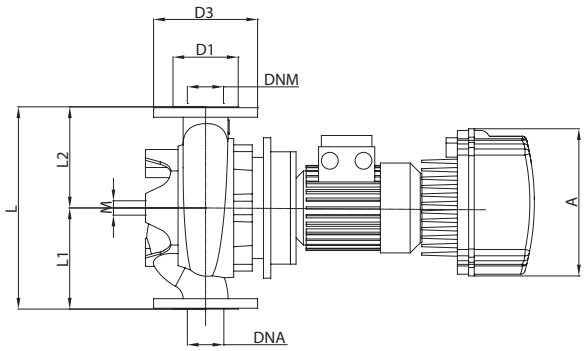


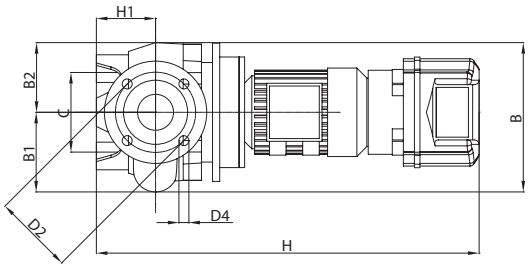


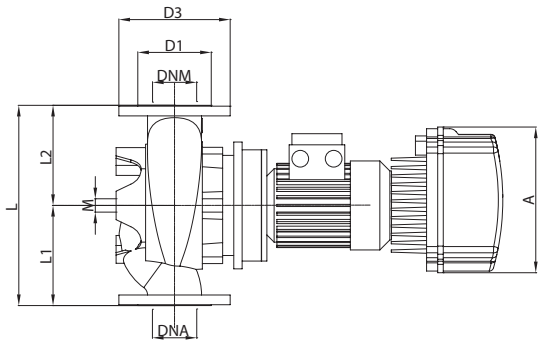


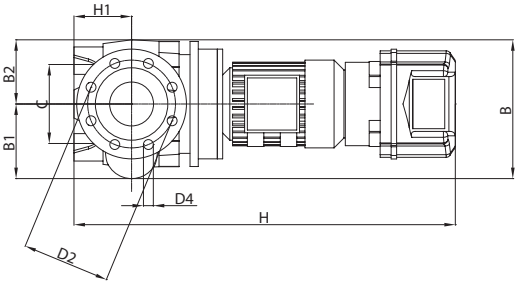
The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.

DIMENSIONS AND WEIGHTS - CME/CM-GE







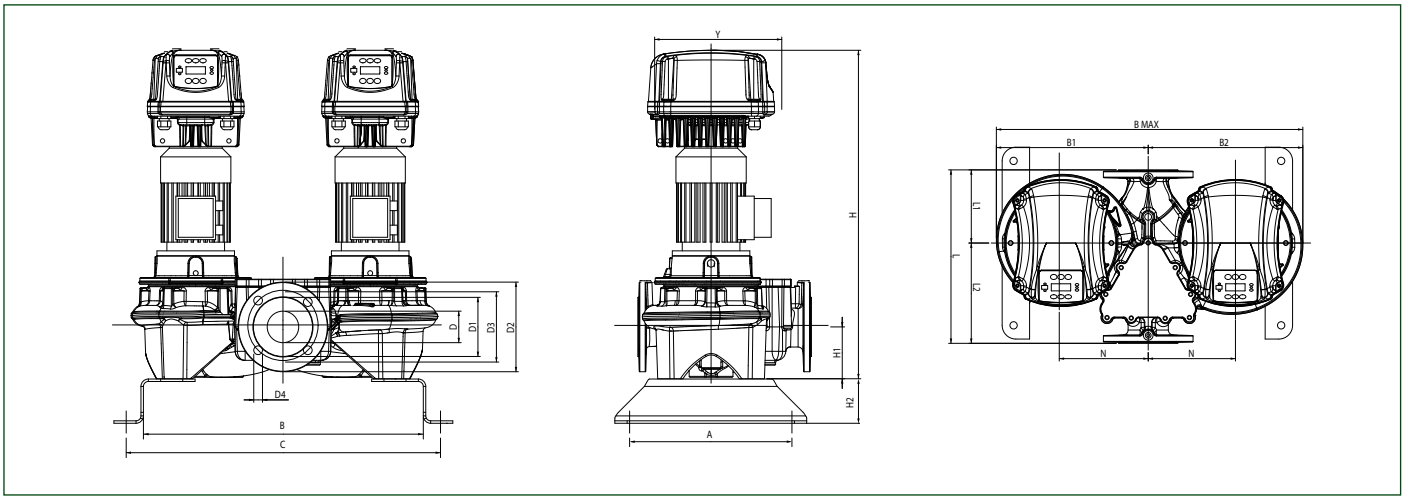


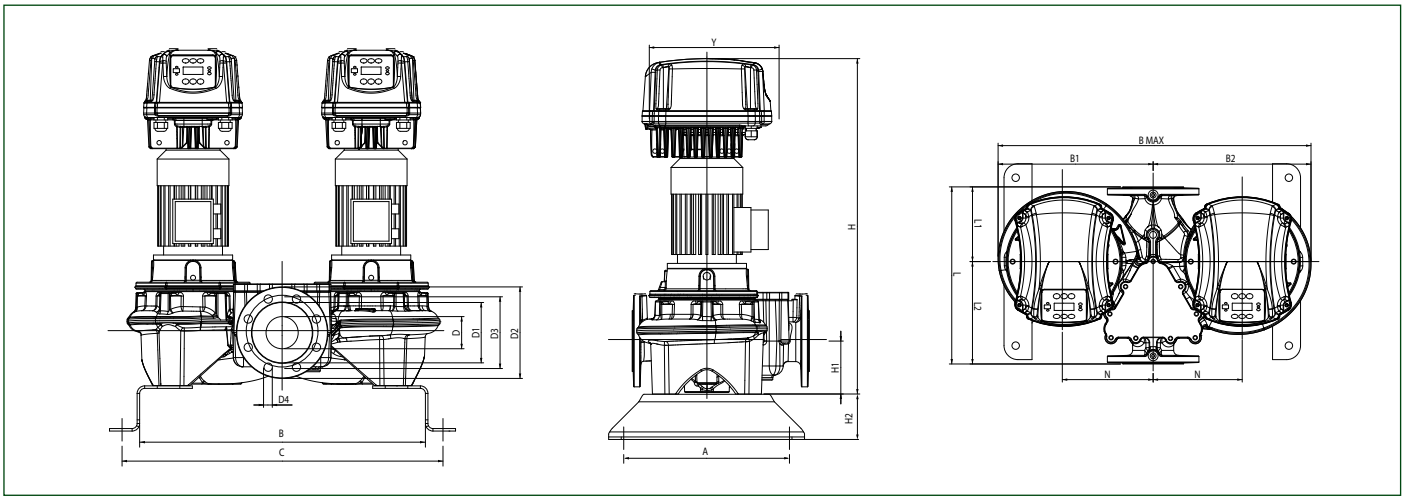
MODEL	A	B	B1	B2	C	D1	D2	D3	D4	H	H1	L	L1	L2	M	DNA	DNM	PACKAGING DIMENSIONS			VOLUME (mc)	WEIGHT Kg
																		L/A	L/B	H		
CME 40- 870 M MCE11/C	262	231	118	113	85	88	110	150	4X18	653	95	390	200	190	12	40	40	500	270	810	0,11	45
CME 40-1450 M MCE11/C	262	231	118	113	85	88	110	150	4X18	645	100	380	200	180	12	40	40	500	270	810	0,11	35
CME 40-1450 T MCE30/C IE2	262	231	118	113	85	88	110	150	4X18	645	100	380	200	180	12	40	40	500	270	810	0,11	35
CME 50-1000 M MCE11/C	262	233	120	113	100	102	125	165	4X18	663	105	425	225	200	12	50	50	500	270	810	0,11	51
CME 50-1420 M MCE11/C	262	280	149	131	-	102	125	165	4X18	695	110	400	220	180	-	50	50	500	270	810	0,11	40
CME 50-1420 T MCE30/C IE2	262	280	149	131	-	102	125	165	4X18	695	110	400	220	180	-	50	50	500	270	810	0,11	40
CME 65- 660/A/BAQE/ 0.55 M MCE11/C IE2	262	270	144	126	144	122	145	185	4X18	713	105	360	180	180	16	65	65	650	400	945	0,25	62
CM-GE 65- 920/A/BAQE/ 0.75 M MCE11/C IE2	262	270	144	126	144	122	145	185	4X18	713	105	360	180	180	16	65	65	650	400	945	0,25	64
CM-GE 65- 920/A/BAQE/ 0.75 T MCE30/C IE2	262	270	144	126	144	122	145	185	4X18	713	105	360	180	180	16	65	65	650	400	945	0,25	64

DIMENSIONS AND WEIGHTS - CME/CM-GE

MODEL	A	B	B1	B2	C	D1	D2	D3	D4	H	H1	L	L1	L2	M	DNA	DNM	PACKAGING DIMENSIONS			VOLUME (mc)	WEIGHT Kg
																		L/A	L/B	H		
CM-GE 65-1200/A/BAQE/ 1.5 M MCE15/C IE2	262	344	180	164	144	122	145	185	4X18	764	125	475	237,5	237,5	16	65	65	650	400	945	0,25	91
CM-GE 65-1200/A/BAQE/ 1.5 T MCE30/C IE2	262	344	180	164	144	122	145	185	4X18	764	125	475	237,5	237,5	16	65	65	650	400	945	0,25	91
CM-GE 65-1680/A/BAQE/ 3 T MCE30/C IE2	353	344	180	164	144	122	145	185	4X18	821	125	475	237,5	237,5	16	65	65	650	400	945	0,25	101
CM-GE 65-2380/A/BAQE/ 4 T MCE30/C IE2	353	344	180	164	144	122	145	185	4X18	821	125	475	237,5	237,5	16	65	65	650	400	945	0,25	115
CM-GE 80- 650/A/BAQE/ 0.75 M MCE11/C IE2	262	252	135	117	144	138	160	200	8X18	716	105	360	180	180	16	80	80	650	400	945	0,25	67
CM-GE 80- 650/A/BAQE/ 0.75 T MCE30/C IE2	262	252	135	117	144	138	160	200	8X18	716	105	360	180	180	16	80	80	650	400	945	0,25	67
CM-GE 80- 890/A/BAQE/ 1.5 M MCE15/C IE2	262	324	178	146	144	138	160	200	8X18	765	115	440	220	220	16	80	80	650	400	945	0,25	98
CM-GE 80- 890/A/BAQE/ 1.5 T MCE30/C IE2	262	324	178	146	144	138	160	200	8X18	765	115	440	220	220	16	80	80	650	400	945	0,25	98
CM-GE 80-1530/A/BAQE/ 3 T MCE30/C IE2	353	354	190	164	144	138	160	200	8X18	822	115	500	250	250	16	80	80	650	400	945	0,25	134
CM-GE 80-1700/A/BAQE/ 4 T MCE30/C IE2	353	354	190	164	144	138	160	200	8X18	822	115	500	250	250	16	80	80	650	400	945	0,25	147
CM-GE 80-2410/A/BAQE/ 5.5 T MCE55/C IE2	353	469	245	224	230	138	160	200	8X18	1067	140	620	310	310	16	80	80	700	600	600	0,25	175
CM-GE 80-2700/A/BAQE/ 7.5 T MCE110/C IE2	426	469	245	224	230	138	160	200	8X18	1115	140	620	310	310	16	80	80	700	600	1220	0,51	205
CM-GE 80-3420/A/BAQE/ 11 T MCE110/C IE2	426	469	245	224	230	138	160	200	8X18	1115	140	620	310	310	16	80	80	700	600	1220	0,51	222
CM-GE 100- 510/A/BAQE/ 0.75 M MCE11/C IE2	262	284	158	126	144	158	180	220	8x18	753	140	500	250	250	16	100	100	650	400	945	0,25	104
CM-GE 100- 510/A/BAQE/ 0.75 T MCE30/C IE2	262	284	158	126	144	158	180	220	8x18	753	140	500	250	250	16	100	100	650	400	945	0,25	104
CM-GE 100- 660/A/BAQE/ 1,5 M MCE15/C IE2	262	346	193	153	230	158	180	220	8x18	844	140	550	275	275	16	100	100	650	400	945	0,25	113
CM-GE 100- 660/A/BAQE/ 1,5 T MCE30/C IE2	262	346	193	153	230	158	180	220	8x18	844	140	550	275	275	16	100	100	650	400	945	0,25	113
CM-GE 100-1020/A/BAQE/ 3 T MCE30/C IE2	353	346	193	153	230	158	180	220	8x18	844	140	550	275	275	16	100	100	650	400	945	0,25	118
CM-GE 100-1320/A/BAQE/4 T MCE55/C IE2	353	378	204	174	230	158	180	220	8x18	881	140	550	275	275	16	100	100	650	400	945	0,25	150
CM-GE 100-1650/A/BAQE/ 5,5 T MCE55/C IE2	353	378	204	174	230	158	180	220	8x18	1021	140	550	275	275	16	100	100	650	400	945	0,25	172
CM-GE 100-2050/A/BAQE/ 7,5 T MCE110/C IE2	426	545	293	252	230	158	180	220	8x18	1155	175	670	335	335	16	100	100	700	600	1220	0,51	252
CM-GE 100-2550/A/BAQE/ 11 T MCE110/C IE2	426	545	293	252	230	158	180	220	8x18	1155	175	670	335	335	16	100	100	700	600	1220	0,51	255
CM-GE 100-3290/A/BAQE/ 15 T MCE150/C IE2	426	545	293	252	230	158	180	220	8x18	1357	175	670	335	335	16	100	100	900	550	1200	0,51	350
CM-GE 125-1075/A/BAQE/ 4 T MCE55/C IE2	353	457	252	205	230	188	210	250	8X18	962	215	620	310	310	16	125	125	700	600	1220	0,51	207
CM-GE 125-1270/A/BAQE/ 5.5 T MCE55/C IE2	353	457	252	205	230	188	210	250	8X18	1101	215	620	310	310	16	125	125	700	600	1220	0,51	209
CM-GE 125-1560/A/BAQE/ 7.5 T MCE110/C IE2	426	457	252	205	230	188	210	250	8X18	1199	215	620	310	310	16	125	125	700	600	1220	0,51	228
CM-GE 125-2100/A/BAQE/ 11 T MCE110/C IE2	426	519	274	245	230	188	210	250	8X18	1267	215	800	400	400	16	125	125	900	550	1200	0,59	307
CM-GE 125-2550/A/BAQE/ 15 T MCE150/C IE2	426	519	274	245	230	188	210	250	8X18	1407	215	800	400	400	16	125	125	900	550	1200	0,59	363
CM-GE 150- 955/A/BAQE/ 5.5 T MCE55/C IE2	353	538	299	239	230	212	240	285	8X22	1110	215	800	400	400	16	150	150	900	550	1200	0,59	274
CM-GE 150-1322/A/BAQE/ 7.5 T MCE110/C IE2	426	538	299	239	230	212	240	285	8X22	1208	215	800	400	400	16	150	150	900	550	1200	0,59	294
CM-GE 150-1600/A/BAQE/ 11 T MCE110/C IE2	426	538	299	239	230	212	240	285	8X22	1270	215	800	400	400	16	150	150	900	550	1200	0,59	306
CM-GE 150-1950/A/BAQE/ 15 T MCE150/C IE2	426	538	299	239	230	212	240	285	8X22	1411	215	800	400	400	16	150	150	900	550	1500	0,74	356

DIMENSIONS AND WEIGHTS - DCME/DCM-GE





MODEL	L	L1	L2	B	B1	B2	H	H1	N	D	D1	D2	D3	D4	Y	PACKAGING DIMENSIONS			VOLUME (mc)	WEIGHT Kg
																L/A	L/B	H		
DCME 40-620 M MCE11/C	340	130	210	400	200	200	625	100	100	40 PN16	88	150	110	4 Holes Ø18	262	520	400	710	0,15	45
DCME 50-460 M MCE11/C IE2	365	145	220	427	217	210	635	110	105	50 PN16	102	165	125	4 Holes Ø18	262	520	400	710	0,15	50
DCME 50-880 M MCE11/C IE2	410	170	240	480	235	245	635	110	105	50 PN16	102	165	125	4 Holes Ø18	262	520	400	710	0,15	56

MODEL	A	B	C	B1	B2	B max	D1	D2	D3	D4	n° holes	Y	H	H1	L	L1	L2	M	N	PACKAGING DIMENSIONS			VOL. (mc)	WEIGHT Kg
																				L/A	L/B	H		
DCM-GE 65- 660/A/BAQE/ 0.55 M MCE11/C IE2	330	569	639	315	320	635	122	185	145	18	4	262	733	107	358	151	207	M16	180	358	635	733	0,17	141
DCM-GE 65- 920/A/BAQE/ 0.75 M MCE11/C IE2	330	569	639	315	320	635	122	185	145	18	4	262	733	107	358	151	207	M16	180	358	635	733	0,17	144
DCM-GE 65- 920/A/BAQE/ 0.75 T MCE30/C IE2	330	569	639	315	320	635	122	185	145	18	4	262	730	107	358	151	207	M16	180	358	635	730	0,17	146
DCM-GE 65-1200/A/BAQE/ 1.5 M MCE15/C IE2	330	649	719	387	395	782	122	185	145	18	4	262	821	125	475	177	298	M16	220	475	782	821	0,30	195
DCM-GE 65-1200/A/BAQE/ 1.5 T MCE30/C IE2	330	649	719	387	395	782	122	185	145	18	4	262	824	125	475	177	298	M16	220	475	782	824	0,31	193

DIMENSIONS AND WEIGHTS - DCME/DCM-GE

MODEL	A	B	C	B1	B2	B max	D1	D2	D3	D4	n° holes	Y	H	H1	L	L1	L2	M	N	PACKAGING DIMENSIONS			VOL. (mc)	WEIGHT Kg
																				L/A	L/B	H		
DCM-GE 65-1680/A/BAQE/ 3 T MCE30/C IE2	330	649	719	387	395	782	122	185	145	18	4	352	840	125	475	177	298	M16	220	475	782	840	0,31	206
DCM-GE 65-2380/A/BAQE/ 4 T MCE30/C IE2	330	649	719	387	395	782	122	185	145	18	4	352	925	125	475	177	298	M16	220	475	782	925	0,34	233
DCM-GE 80- 650/A/BAQE/ 0.75 M MCE11/C IE2	330	580	650	305	310	615	137	200	160	18	8	262	745	115	360	165	195	M16	180	360	615	745	0,16	134
DCM-GE 80- 650/A/BAQE/ 0.75 T MCE30/C IE2	330	580	650	305	310	615	137	200	160	18	8	262	742	115	360	165	195	M16	180	360	615	742	0,16	136
DCM-GE 80- 890/A/BAQE/ 1.5 M MCE15/C IE2	620	620	690	355	365	720	137	200	160	18	8	262	825	115	440	180	260	M16	200	440	720	825	0,26	211
DCM-GE 80- 890/A/BAQE/ 1.5 T MCE30/C IE2	620	620	690	355	365	720	137	200	160	18	8	262	822	115	440	180	260	M16	200	440	720	822	0,26	213
DCM-GE 80-1530/A/BAQE/ 3 T MCE30/C IE2	362	662	690	405	415	820	137	200	160	18	8	352	846	115	500	220	280	M16	235	500	820	846	0,35	251
DCM-GE 80-1700/A/BAQE/ 4 T MCE30/C IE2	362	662	732	405	415	820	137	200	160	18	8	352	931	115	500	220	280	M16	235	500	820	931	0,38	277
DCM-GE 80-2410/A/BAQE/ 5.5 T MCE55/C IE2	500	804	924	530	540	1070	137	200	160	18	8	352	999	140	620	280	340	M16	300	620	1070	999	0,66	442
DCM-GE 80-2700/A/BAQE/ 7.5 T MCE110/C IE2	500	804	924	530	540	1070	137	200	160	18	8	425	1087	140	620	280	340	M16	300	620	1070	1087	0,72	499
DCM-GE 80-3420/A/BAQE/ 11 T MCE110/C IE2	500	804	924	530	540	1070	137	200	160	18	8	425	1192	140	620	280	340	M16	300	620	1070	1192	0,79	533
DCM-GE 100- 510/A/BAQE/ 0.75 M MCE11/C IE2	362	637	717	330	345	675	156	220	180	18	8	262	772	140	500	191	309	M16	200	500	675	772	0,26	218
DCM-GE 100- 510/A/BAQE/ 0.75 T MCE30/C IE2	362	637	717	330	345	675	156	220	180	18	8	262	769	140	500	191	309	M16	200	500	675	769	0,26	220
DCM-GE 100- 660/A/BAQE/ 1,5 M MCE15/C IE2	362	733	813	395	410	805	156	220	180	18	8	262	844	140	550	221	329	M15	235	550	805	844	0,37	263
DCM-GE 100- 660/A/BAQE/ 1,5 T MCE30/C IE2	362	733	813	395	410	805	156	220	180	18	8	262	847	140	550	221	329	M16	235	550	805	847	0,38	261
DCM-GE 100-1020/A/BAQE/ 3 T MCE30/C IE2	362	733	813	395	410	805	156	220	180	18	8	352	862	140	550	221	329	M16	235	550	805	862	0,38	264
DCM-GE 100-1320/A/BAQE/4 T MCE55/C IE2	362	753	833	430	440	870	156	220	180	18	8	352	1007	140	550	221	329	M16	250	550	870	1007	0,48	308
DCM-GE 100-1650/A/BAQE/ 5,5 T MCE55/C IE2	362	753	833	430	440	870	156	220	180	18	8	352	1008	140	550	221	329	M16	250	550	870	1008	0,48	351
DCM-GE 100-2050/A/BAQE/ 7,5 T MCE110/C IE2	500	836	956	560	575	1135	156	220	180	18	8	425	1132	175	670	266	404	M16	300	670	1135	1132	0,86	558
DCM-GE 100-2550/A/BAQE/ 11 T MCE110/C IE2	500	836	956	560	575	1135	156	220	180	18	8	425	1237	175	670	266	404	M16	300	670	1135	1237	0,94	565
DCM-GE 100-3290/A/BAQE/ 15 T MCE150/C IE2	500	836	956	560	575	1135	156	220	180	18	8	425	1292	175	670	266	404	M16	300	670	1135	1292	0,98	753
DCM-GE 125-1075/A/BAQE/ 4 T MCE55/C IE2	500	810	930	515	535	1050	185	250	210	14	8	352	1093	215	620	226	394	M16	300	620	1050	1093	0,71	501
DCM-GE 125-1270/A/BAQE/ 5.5 T MCE55/C IE2	500	810	930	515	535	1050	185	250	210	14	8	352	1089	215	620	226	394	M16	300	620	1050	1089	0,71	503
DCM-GE 125-1560/A/BAQE/ 7.5 T MCE110/C IE2	500	810	930	515	535	1050	185	250	210	14	8	425	1177	215	620	226	394	M16	300	620	1050	1177	0,77	538
DCM-GE 125-2100/A/BAQE/ 11 T MCE110/C IE2	500	810	930	555	571	1126	185	250	210	14	8	425	1297	215	800	316	484	M16	300	800	1126	1297	1,17	768
DCM-GE 125-2550/A/BAQE/ 15 T MCE150/C IE2	500	810	930	555	571	1126	185	250	210	14	8	425	1352	215	800	316	484	M16	300	800	1126	1352	1,22	880
DCM-GE 150- 955/A/BAQE/ 5.5 T MCE55/C IE2	500	805	925	550	580	1130	210	285	240	22	8	352	1112	215	800	296	504	M16	300	800	1130	1112	1,01	658
DCM-GE 150-1322/A/BAQE/ 7.5 T MCE110/C IE2	500	805	925	550	580	1130	210	285	240	22	8	425	1200	215	800	296	504	M16	300	800	1130	1200	1,08	693
DCM-GE 150-1600/A/BAQE/ 11 T MCE110/C IE2	500	805	925	550	580	1130	210	285	240	22	8	425	1305	215	800	296	504	M16	300	800	1130	1305	1,18	719
DCM-GE 150-1950/A/BAQE/ 15 T MCE150/C IE2	500	805	925	550	580	1130	210	285	240	22	8	425	1360	215	800	296	504	M16	300	800	1130	1360	1,23	818

DAB PUMPS reserves the right to make modifications without notice

ELECTRONIC IN-LINE PUMPS
PERFORMANCE RANGE

CPE / CP-GE - 2 POLES

MODEL	Q= m³h	0	3,6	4,8	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90
	Q= l/min	0	60	80	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
CPE 40/2300 M MCE11/C IE2	H (m)	21,8	21,8	21,3	21	18													
CPE 40/2300 T MCE30/C IE2		21,8	21,8	21,3	21	18													
CPE 40/3500 M MCE22/C IE2		34,8	34,9	34,7	34,2	31,7													
CPE 40/3500 T MCE30/C IE2		34,8	34,9	34,7	34,2	31,7													
CPE 40/4700 T MCE55/C IE2					47	44	39,5	35											
CPE 40/5500 T MCE55/C IE2					55	53	48	42											
CPE 40/6200 T MCE110/C IE2					62	59	54	49											
CPE 50/2600 M MCE15/C IE2					25	22	16												
CPE 50/2600 T MCE 30/C IE2					25	22	16												
CPE 50/4100 T MCE30/C IE2					40,7	38,5	34,5	27,7											
CPE 50/4600 T MCE55/C IE2							44	41,5	37	31									
CPE 50/5650 T MCE110/C IE2							55,5	53	49	44									
CP-GE 65-1470/A/BAQE/1.5 M MCE11/C IE2		14,7			14,5	14,3	13,8	13	11,8	10,5	8,6	7							
CP-GE 65-1470/A/BAQE/1.5 T MCE30/C IE2		14,7			14,5	14,3	13,8	13	11,8	10,5	8,6	7							
CP-GE 65-2280/A/BAQE/3 T MCE30/C IE2		22,8			22,5	22,3	22	21,2	20,2	19	17,4	15,5	13,5						
CP-GE 65-2640/A/BAQE/4 T MCE55/C IE2		26,4			26,2	26	25,6	25	24	23	21,5	19,5	17,5	15					
CP-GE 65-3400/A/BAQE/5.5 T MCE55/C IE2		34					34	33,5	32,5	31	29,5	27	24						
CP-GE 65-4100/A/BAQE/7.5 T MCE110/C IE2		41					41	41	40	39	37,5	35,5	33	30	26,5				
CP-GE 65-4700/A/BAQE/11 T MCE110/C IE2		47							45,5	45	44,3	43,3	42	40,8	39	37	35	32,3	
CP-GE 65-5500/A/BAQE/15 T MCE150/C IE2		55							56	55,5	54	53,5	52	51	49	47,5	45,5	43	41

MODEL	Q= m³h	0	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210
	Q= l/min	0	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500
CP-GE 80-1400/A/BAQE/2.2 M MCE22/C IE2	H (m)	14	13,8	13,3	12,9	12,5	12,1	11,4	10,8	10	9,2	8,3	7,5							
CP-GE 80-1400/A/BAQE/2.2 T MCE30/C IE2		14	13,8	13,3	12,9	12,5	12,1	11,4	10,8	10	9,2	8,3	7,5							
CP-GE 80-2050/A/BAQE/4 T MCE55/C IE2		20,5	20	19,5	19,1	18,5	18	17,5	16,5	15,8	14,8	14	12,5	11,5						
CP-GE 80-2400/A/BAQE/5.5 T MCE55/C IE2		24	23,6	23,5	23,2	22,8	22,2	21,5	21	20	19,1	18,5	17,5	16,5	13,4					
CP-GE 80-2770/A/BAQE/7.5 T MCE110/C IE2		27,7					27,5	27,3	27,1	26,7	25,8	25,6	24,9	24,5	23	21,2	20,1			
CP-GE 80-3250/A/BAQE/11 T MCE110/C IE2		32,5					32,2	32	31,8	31,3	30,2	30	29,2	28,7	27	24,8	23,6			
CP-GE 80-4000/A/BAQE/15 T MCE150/C IE2		40					40,2	40	39,8	39,5	39	38,5	38,2	37,5	36	34,5	33,5	26,9		
CP-GE 100-1600/A/BAQE/4 T MCE55/C IE2		16			15	14,6	14,2	13,7	13,3	12,8	12,3	11,7	11	10,4	9,3	8				
CP-GE 100-1950/A/BAQE/5.5 T MCE55/C IE2		19,5			19	18,9	18,7	18,4	18,1	17,5	17,2	16,9	16,5	15,8	14,5	13	12			
CP-GE 100-2350/A/BAQE/7.5 T MCE110/C IE2		23,5			23,1	23	22,8	22,6	22,5	22	21,6	21,1	20,7	20,2	19	17,5	14,8	12		
CP-GE 100-2400/A/BAQE/11 T MCE110/C IE2		24												22	21,4	20,4	20	17,4	16,8	12
CP-GE 100-3050/A/BAQE/15 T MCE150/C IE2		30,5												29	28,4	27,5	27	24,5	21,3	18,3

DCPE - 2 POLES

MODEL	Q= m³h	6	7,5	9	10,5	12	13,5	15	18	21	24	27	30	36	42	48	54	60
	Q= l/min	100	125	150	175	200	225	250	300	350	400	450	500	600	700	800	900	1000
DCPE 40/1650 M MCE11/C IE2	H (m)	16,5	15,5	14,5	13,5	12,3	11	9,5	6									
DCPE 40/2450 M MCE15/C IE2		24,5	24	23,5	23	22	21	20	16,5	13								
DCPE 40/2450 T MCE30/C IE2		24,5	24	23,5	23	22	21	20	16,5	13								
DCPE 50/1550 M MCE15/C IE2								15,5	15	14,1	13	11,8	10,5	7				
DCPE 50/1550 T MCE30/C IE2								15,5	15	14,1	13	11,8	10,5	7				
DCPE 50/2450 T MCE30/C IE2								24,5	24	23,5	23	22	20,5	17				
DCPE 50/3650 T MCE55/C IE2								36,5	35,5	34,5	33,5	32,5	31	27				

DCP-GE - 2 POLES

MODEL	Q= m³h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210
	Q= l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500
DCP-GE 65-1470/A/BAQE/1.5M MCE11/C	H (m)	14,4	14,2	13,8	13,1	12,0	10,6	9,0	7,0	5,3													
DCP-GE 65-1470/A/BAQE/1.5 T MCE30/C		14,4	14,2	13,8	13,1	12,0	10,6	9,0	7,0	5,3													
DCP-GE 65-2280/A/BAQE/3 T MCE30/C		22,3			21,1	19,9	18,4	16,8	14,7	12,5	10,2												
DCP-GE 65-2640/A/BAQE/4 T MCE55/C		25,9			24,6	23,7	22,2	20,7	18,8	16,4	14,0	11,4											
DCP-GE 65-3400/A/BAQE/5.5 T MCE55/C		33,3			32,5	31,4	29,7	27,4	25,0	21,7	18,2												
DCP-GE 65-4100/A/BAQE/7.5T MCE110/C		40,2			39,6	39,0	37,4	35,7	33,4	30,7	27,5	23,9	20,1										
DCP-GE 65-4700/A/BAQE/11 T MCE110/C		46,4					44,3	43,6	42,6	41,3	39,6	38,1	35,9	33,6	31,3	28,4							
DCP-GE 65-5500/A/BAQE/15 T MCE150/C		54,3					54,7	53,9	52,1	51,2	49,4	48,0	45,6	43,7	41,3	38,4	36,1						
DCP-GE 80-1400/A/BAQE/2.2 M MCE30/C		13,7				14,3	13,7	13,0	12,3	11,4	10,3	9,1	7,8	6,5	5,2	4,0							
DCP-GE 80-1400/A/BAQE/2.2 T MCE30/C		13,7				14,3	13,7	13,0	12,3	11,4	10,3	9,1	7,8	6,5	5,2	4,0							
DCP-GE 80-2050/A/BAQE/4T MCE55/C		20,1				20,8	20,1	19,5	18,4	17,4	16,2	14,6	13,1	11,3	9,7	7,7	6,1						
DCP-GE 80-2400/A/BAQE/5.5 T MCE55/C		23,5				24,5	24,4	23,9	23,1	22,1	20,8	19,6	17,9	16,3	14,8	13,0	11,2	7,1					
DCP-GE 80-2770/A/BAQE/7.5 T MCE110/C		27,1								26,6	26,0	25,3	24,3	22,8	21,9	20,5	19,3	16,2	13,0	11,3			
DCP-GE 80-3250/A/BAQE/11 T MCE110/C		31,9								31,2	30,5	29,7	28,5	26,7	25,6	24,0	22,6	19,1	15,2	13,2			
DCP-GE 80-4000/A/BAQE/15 T MCE150/C		39,2								39,7	39,1	38,5	37,7	36,7	35,6	34,6	33,2	30,1	26,9	25,1	15,1		
DCP-GE 100-1600/A/BAQE/4 T MCE55/C		16,0						15,8	15,2	14,5	13,6	12,8	11,8	10,8	9,6	8,4	7,3	5,1	3,0				
DCP-GE 100-1950/A/BAQE/5.5 T MCE55/C		19,5						20,1	19,8	19,2	18,5	17,7	16,5	15,5	14,5	13,3	11,8	9,0	6,0	4,5			
DCP-GE100-2350/A/BAQE/7.5 T MCE110/C		23,5						24,5	24,4	24,0	23,6	23,1	22,2	21,4	20,4	19,4	18,3	15,7	12,9	11,7	4,5		
DCP-GE 100-2400/A/BAQE/11 T MCE110/C		23,6															21,9	21,0	19,7	19,1	15,5	13,4	8,2
DCP-GE 100-3050/A/BAQE/15 T MCE150/C		30,0															28,9	27,9	26,5	25,8	21,8	17,0	12,5

CPE / CP-GE / DCPE / DCP-GE - 2 POLES

ELECTRONIC IN-LINE PUMPS

NEW

ENERGY EFFICIENCY IE2

CE

HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM



MCE/C
PAG. 2

Circulation pumps with in-line ports, suitable for installation in heating and air conditioning, refrigeration, and domestic hot water systems. Extremely versatile thanks to the use of the **MCE/C** inverter, they offerr performance capable of adapting automatically to the system's various demands while keeping pressure differentials unchanged. Available in single and twin version. PN 16 flanged inlet and delivery mouths, fitted with threaded holes for pressure gauges. Pump body and support in cast iron, impeller in cast iron or technopolymer depending on model (in bronze, on request, only from DN 65 to DN 150). Stainless steel drive shaft. Sealing device: standardised mechanical seal made to DIN 24960 in carbon / carborundum with O' rings in EPDM. 2 pole three-phase indication motor with external cooling. Rotor running on ball bearings, oversized to ensure low noise and durability. Constructed following the CEI 2-3 standards

Operating range: from 1.2 to 230 m³/h with head up to 56 meters.
Liquid temperature range:
from -10°C to + 130°C for DN 40 -50
from -10°C to + 140°C for rest of the range
Liquid quality requirements: clean, free from solids or abrasive substances, non viscous, non aggressive, non crystallised and chemically neutral and close to the characteristics of water.
Installation: Fixed, horizontal or vertical provided the motor is always above the pump.
Maximum ambient temperature: +40°C
Maximum working pressure: 16 bar
Protection rating: IP 55
Insulation Class: F
Flanging: PN 16
Counter-flanges on request: DN 40 - DN 50 - DN 65 - DN 80 - DN 100 - DN 125 - DN 150; PN 16.

ACCESSORIES
PAG. 227

TECHNICAL DATA - CPE/CP-GE

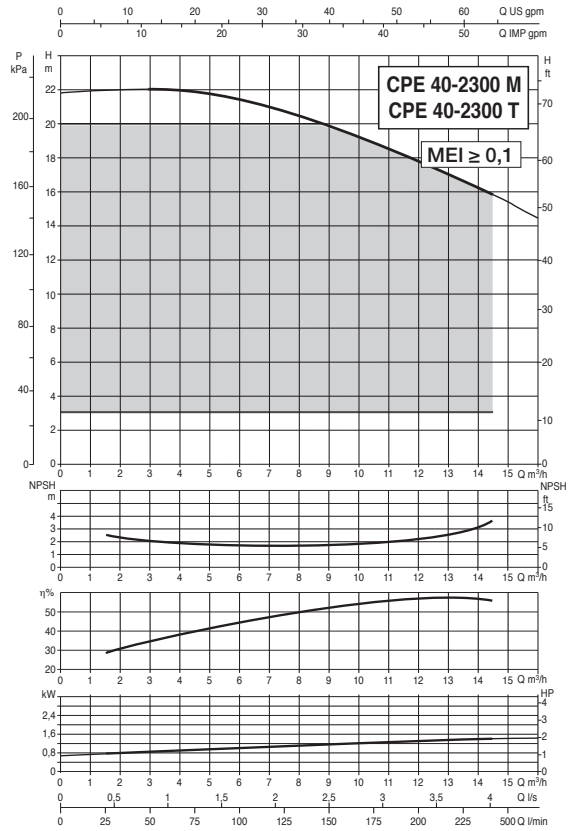
MODEL	ELECTRICAL DATA						
	VOLTAGE 50-60 Hz	MOTOR TYPE	n r.p.m.	P1 MAX W	P2 NOMINAL		In A
					kW	HP	
CPE 40/2300 M MCE11/C IE2	1 x 220-240 V ~	2 poles	2905	1,57	1,10	1,5	12,0
CPE 40/2300 T MCE30/C IE2	3 x 400 V ~	2 poles	2905	1,57	1,10	1,5	t.b.d.
CPE 40/3500 M MCE22/C IE2	1 x 220-240 V ~	2 poles	2895	2,69	2,20	3,0	19,2
CPE 40/3500 T MCE30/C IE2	3 x 400 V ~	2 poles	2895	2,69	2,20	3,0	t.b.d.
CPE 40/4700 T MCE55/C IE2	3 x 400 V ~	2 poles	2900	5,11	4,00	5,5	11,1
CPE 40/5500 T MCE55/C IE2	3 x 400 V ~	2 poles	2900	6,90	5,50	7,5	14,2
CPE 40/6200 T MCE110/C IE2	3 x 400 V ~	2 poles	2900	9,64	7,50	10,0	19,9
CPE 50/2600 M MCE15/C IE2	1 x 220-240 V ~	2 poles	2894	1,95	1,50	2,0	14,4
CPE 50/2600 T MCE 30/C IE2	3 x 400 V ~	2 poles	2894	1,95	1,50	2,0	t.b.d.
CPE 50/4100 T MCE30/C IE2	3 x 400 V ~	2 poles	2916	3,91	4,00	5,5	8,4
CPE 50/4600 T MCE55/C IE2	3 x 400 V ~	2 poles	2900	6,90	5,50	7,5	14,2
CPE 50/5650 T MCE110/C IE2	3 x 400 V ~	2 poles	2900	9,64	7,50	10,0	19,9
CP-GE 65-1470/A/BAQE/ 1.5 M MCE11/C IE2	1 x 220-240 V ~	2 poles	2883	1,96	1,5	2,0	14,5
CP-GE 65-1470/A/BAQE/ 1.5 T MCE30/C IE2	3 x 400 V ~	2 poles	2883	1,96	1,5	2,0	t.b.d.
CP-GE 65-2280/A/BAQE/ 3 T MCE30/C IE2	3 x 400 V ~	2 poles	2882	3,55	3	4,0	7,2
CP-GE 65-2640/A/BAQE/ 4 T MCE55/C IE2	3 x 400 V ~	2 poles	2910	4,92	4	5,5	10,0
CP-GE 65-3400/A/BAQE/ 5.5 T MCE55/C IE2	3 x 400 V ~	2 poles	2913	6,94	5,5	7,7	13,7
CP-GE 65-4100/A/BAQE/ 7.5 T MCE110/C IE2	3 x 400 V ~	2 poles	2900	9,07	7,5	10,0	17,8
CP-GE 65-4700/A/BAQE/ 11 T MCE110/C IE2	3 x 400 V ~	2 poles	2940	14,75	11	15,0	28,6
CP-GE 65-5500/A/BAQE/ 15 T MCE150/C IE2	3 x 400 V ~	2 poles	2943	18,07	15	20,0	35,1
CP-GE 80-1400/A/BAQE/ 2.2 M MCE22/C IE2	1 x 220-240 V ~	2 poles	2874	2,94	2,2	3,0	20,7
CP-GE 80-1400/A/BAQE/ 2.2 T MCE30/C IE2	3 x 400 V ~	2 poles	2874	2,94	2,2	3,0	t.b.d.
CP-GE 80-2050/A/BAQE/ 4 T MCE55/C IE2	3 x 400 V ~	2 poles	2914	5,46	4	5,5	10,9
CP-GE 80-2400/A/BAQE/ 5.5 T MCE55/C IE2	3 x 400 V ~	2 poles	2910	6,69	5,5	7,5	13,3
CP-GE 80-2770/A/BAQE/ 7.5 T MCE110/C IE2	3 x 400 V ~	2 poles	2905	9,61	7,5	10,0	18,8
CP-GE 80-3250/A/BAQE/ 11 T MCE110/C IE2	3 x 400 V ~	2 poles	2932	13,39	11	15,0	26,0
CP-GE 80-4000/A/BAQE/ 15 T MCE150/C IE2	3 x 400 V ~	2 poles	2945	18,42	15	20,0	35,7
CP-GE 100-1600/A/BAQE/ 4 T MCE55/C IE2	3 x 400 V ~	2 poles	2918	5,58	4	5,5	11,2
CP-GE 100-1950/A/BAQE/ 5.5 T MCE55/C IE2	3 x 400 V ~	2 poles	2918	7,34	5,5	7,5	14,4
CP-GE 100-2350/A/BAQE/ 7.5 T MCE110/C IE2	3 x 400 V ~	2 poles	2906	9,69	7,5	10,0	18,9
CP-GE 100-2400/A/BAQE/ 11 T MCE110/C IE2	3 x 400 V ~	2 poles	2940	14,59	11	15,0	28,3
CP-GE 100-3050/A/BAQE/ 15 T MCE150/C IE2	3 x 400 V ~	2 poles	2941	17,79	15	20,0	34,6
DCPE 40/1650 M MCE11/C IE2	1 x 220-240 V ~	2 poles	2900	1,10	0,75	1,0	9,0
DCPE 40/2450 M MCE15/C IE2	1 x 220-240 V ~	2 poles	2900	2,17	1,5	2,0	15,8
DCPE 40/2450 T MCE30/C IE2	3 x 400 V ~	2 poles	2900	2,17	1,5	2,0	t.b.d.

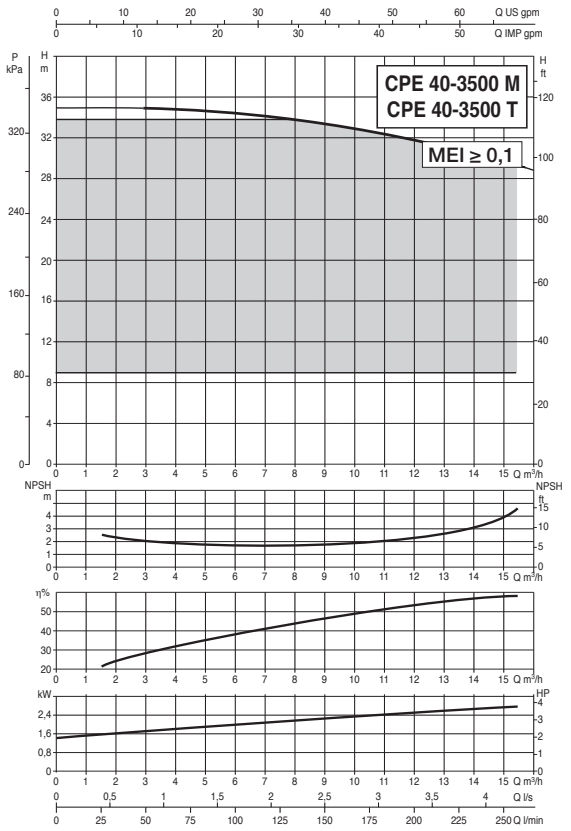
TECHNICAL DATA - DCPE/DCP-GE

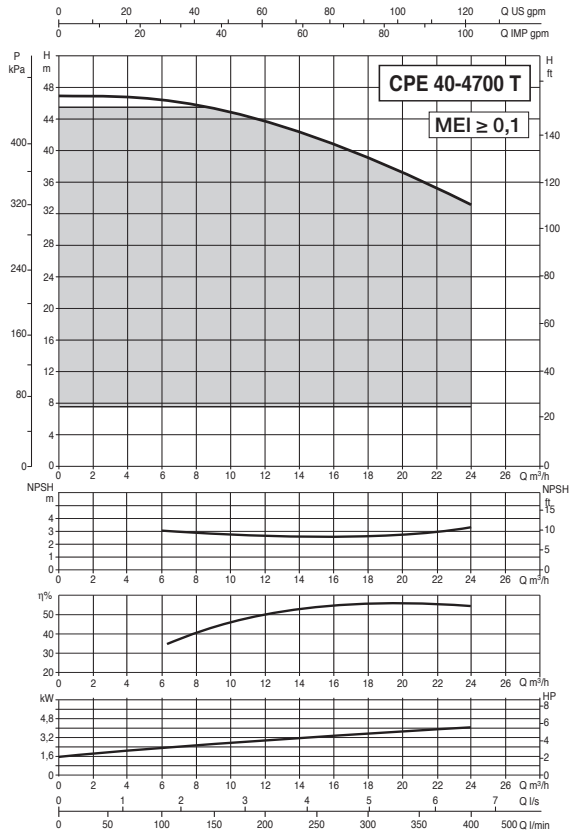
MODEL	ELECTRICAL DATA						
	VOLTAGE 50-60 Hz	MOTOR TYPE	n r.p.m.	P1 MAX W	P2 NOMINAL		In A
					kW	HP	
DCPE 40/1650 M MCE11/C IE2	1 x 220-240 V ~	2 poles	2900	1,10	0,75	1,0	9,0
DCPE 40/2450 M MCE15/C IE2	1 x 220-240 V ~	2 poles	2900	2,17	1,5	2,0	15,8
DCPE 40/2450 T MCE30/C IE2	3 x 400 V ~	2 poles	2900	2,17	1,5	2,0	t.b.d.
DCPE 50/1550 M MCE15/C IE2	1 x 220-240 V ~	2 poles	2900	2,17	1,5	2,0	15,8
DCPE 50/1550 T MCE30/C IE2	3 x 400 V ~	2 poles	2900	2,17	1,5	2,0	t.b.d.
DCPE 50/2450 T MCE30/C IE2	3 x 400 V ~	2 poles	2900	3,72	3,0	4,0	6,8
DCPE 50/3650 T MCE55/C IE2	3 x 400 V ~	2 poles	2900	5,11	4,0	5,5	9,6
DCP-GE 65-1470/A/BAQE/ 1.5 M MCE11/C IE2	1 x 220-240 V ~	2 poles	2883	1,96	1,5	2,0	14,5
DCP-GE 65-1470/A/BAQE/ 1.5 T MCE30/C IE2	3 x 400 V ~	2 poles	2883	1,96	1,5	2,0	t.b.d.
DCP-GE 65-2280/A/BAQE/ 3 T MCE30/C IE2	3 x 400 V ~	2 poles	2882	3,55	3	4,0	7,2
DCP-GE 65-2640/A/BAQE/ 4 T MCE55/C IE2	3 x 400 V ~	2 poles	2910	4,92	4	5,5	10,0
DCP-GE 65-3400/A/BAQE/ 5.5 T MCE55/C IE2	3 x 400 V ~	2 poles	2913	6,94	5,5	7,7	13,7
DCP-GE 65-4100/A/BAQE/ 7.5 T MCE110/C IE2	3 x 400 V ~	2 poles	2900	9,07	7,5	10,0	17,8
DCP-GE 65-4700/A/BAQE/ 11 T MCE110/C IE2	3 x 400 V ~	2 poles	2940	14,75	11	15,0	28,6
DCP-GE 65-5500/A/BAQE/ 15 T MCE150/C IE2	3 x 400 V ~	2 poles	2943	18,07	15	20,0	35,1
DCP-GE 80-1400/A/BAQE/ 2.2 M MCE22/C IE2	1 x 220-240 V ~	2 poles	2874	2,94	2,2	3,0	20,7
DCP-GE 80-1400/A/BAQE/ 2.2 T MCE30/C IE2	3 x 400 V ~	2 poles	2874	2,94	2,2	3,0	t.b.d.
DCP-GE 80-2050/A/BAQE/ 4 T MCE55/C IE2	3 x 400 V ~	2 poles	2914	5,46	4	5,5	10,9
DCP-GE 80-2400/A/BAQE/ 5.5 T MCE55/C IE2	3 x 400 V ~	2 poles	2910	6,69	5,5	7,5	13,3
DCP-GE 80-2770/A/BAQE/ 7.5 T MCE110/C IE2	3 x 400 V ~	2 poles	2905	9,61	7,5	10,0	18,8
DCP-GE 80-3250/A/BAQE/ 11 T MCE110/C IE2	3 x 400 V ~	2 poles	2932	13,39	11	15,0	26,0
DCP-GE 80-4000/A/BAQE/ 15 T MCE150/C IE2	3 x 400 V ~	2 poles	2945	18,42	15	20,0	35,7
DCP-GE 100-1600/A/BAQE/ 4 T MCE55/C IE2	3 x 400 V ~	2 poles	2918	5,58	4	5,5	11,2
DCP-GE 100-1950/A/BAQE/ 5.5 T MCE55/C IE2	3 x 400 V ~	2 poles	2918	7,34	5,5	7,5	14,4
DCP-GE 100-2350/A/BAQE/ 7.5 T MCE110/C IE2	3 x 400 V ~	2 poles	2906	9,69	7,5	10,0	18,9
DCP-GE 100-2400/A/BAQE/ 11 T MCE110/C IE2	3 x 400 V ~	2 poles	2940	14,59	11	15,0	28,3
DCP-GE 100-3050/A/BAQE/ 15 T MCE150/C IE2	3 x 400 V ~	2 poles	2941	17,79	15	20,0	34,6

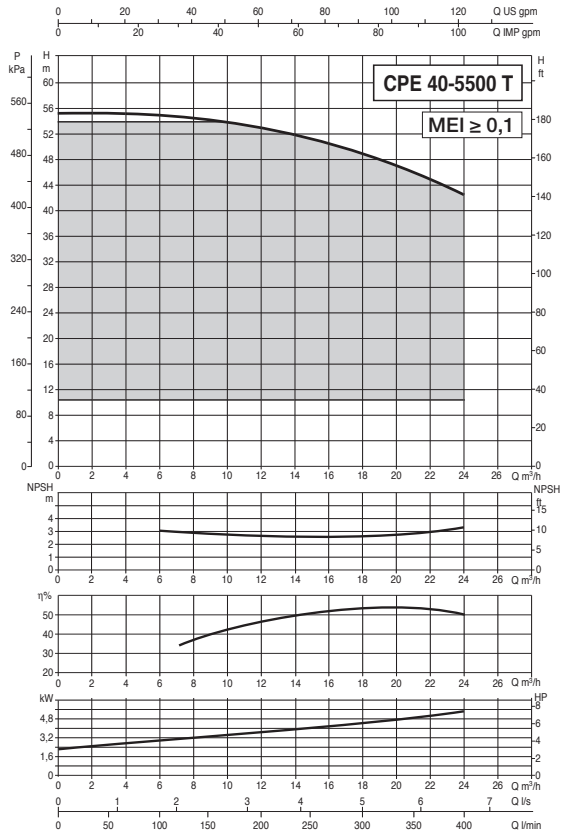
CPE / CP-GE / DCPE / DCP-GE - 2 POLES

ELECTRONIC IN-LINE PUMPS





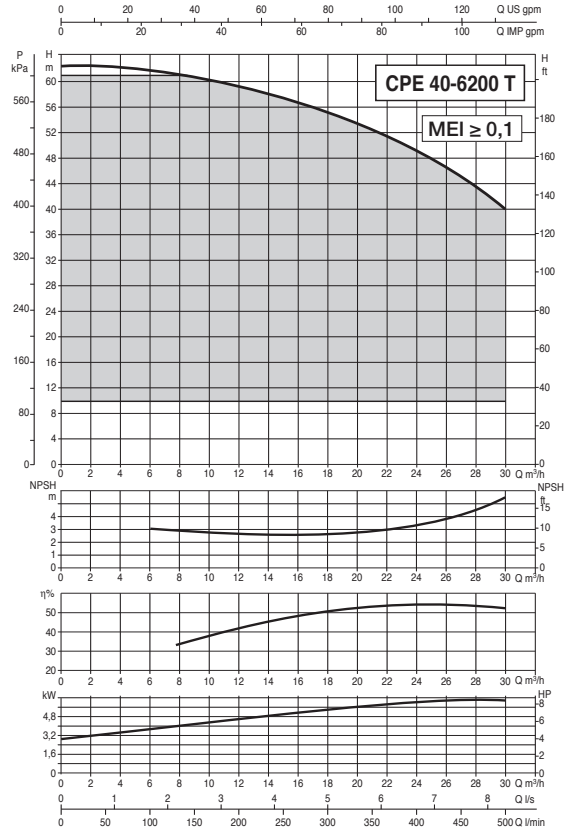


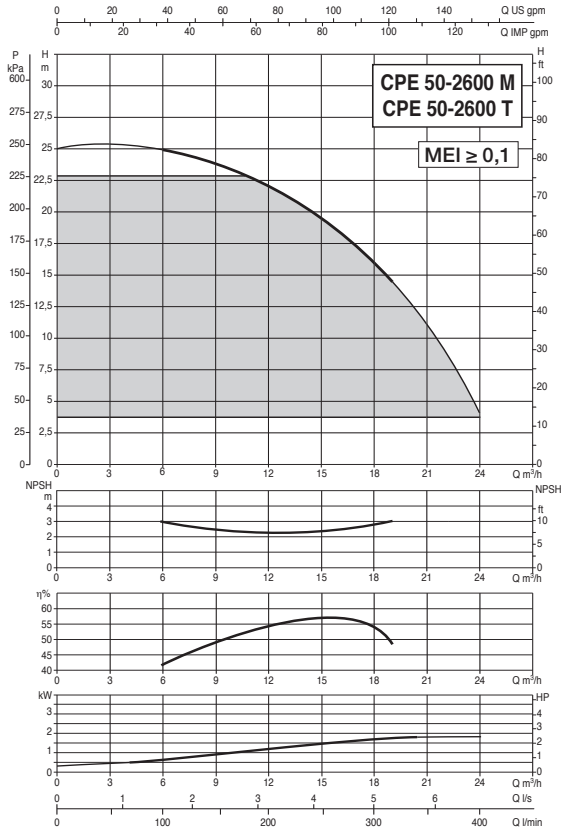


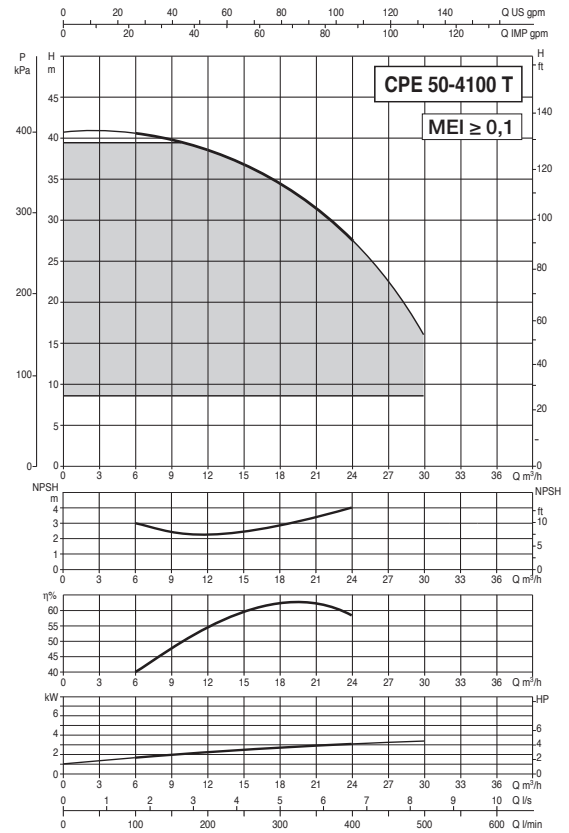
The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.

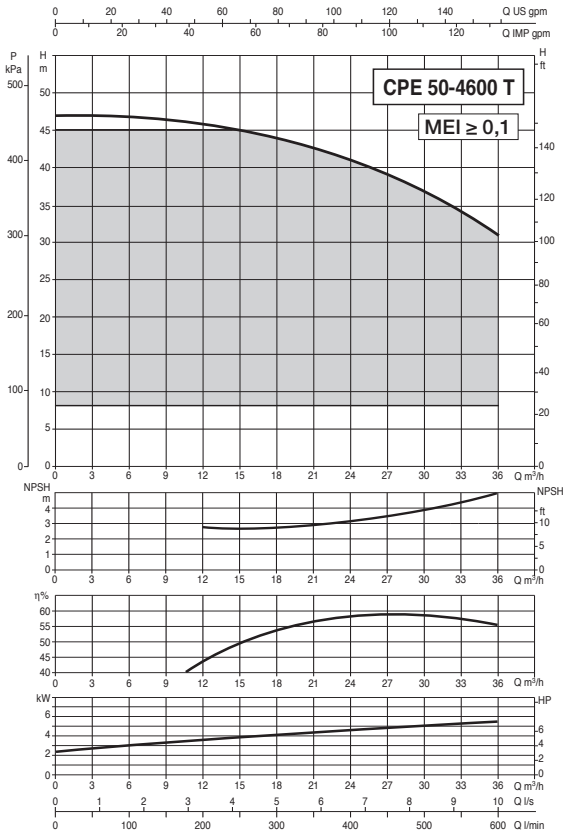
CPE / CP-GE / DCPE / DCP-GE - 2 POLES

ELECTRONIC IN-LINE PUMPS





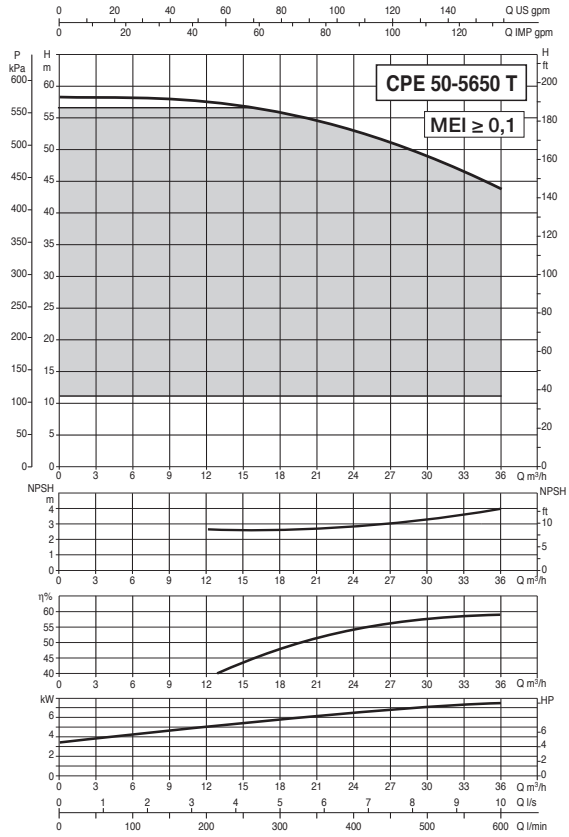


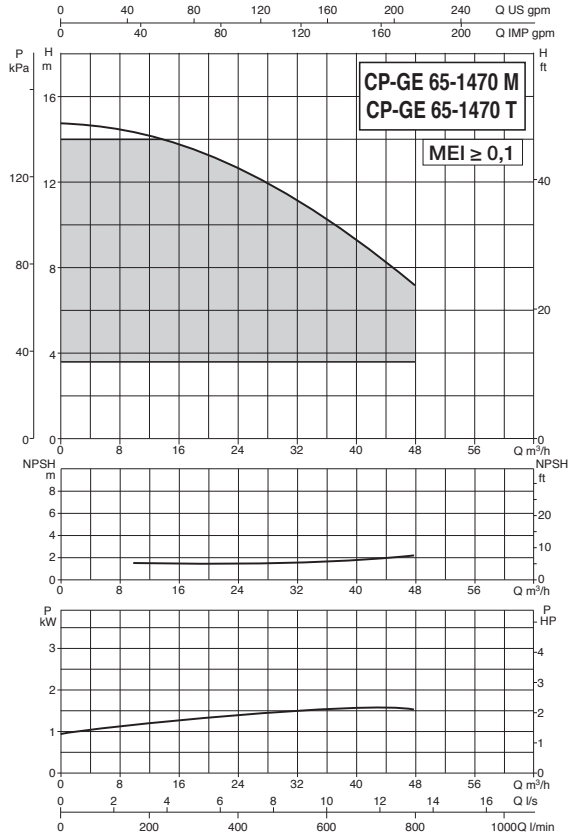


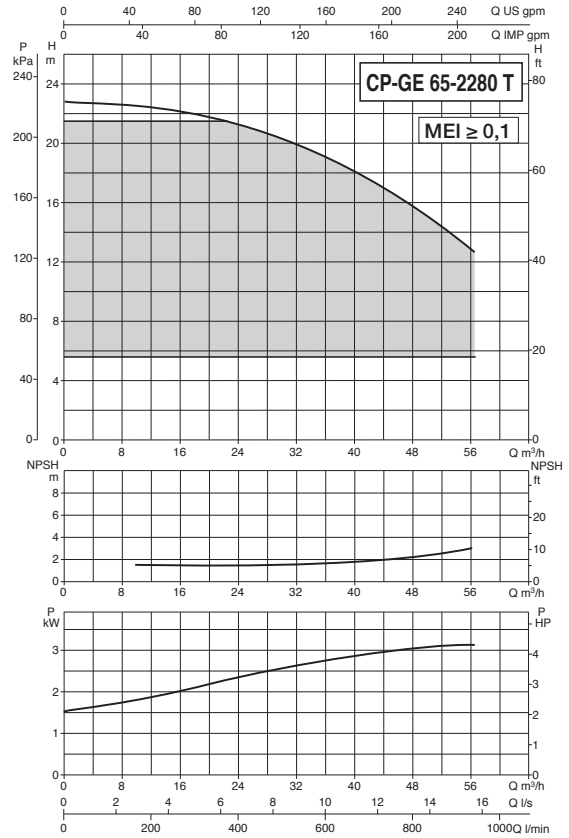
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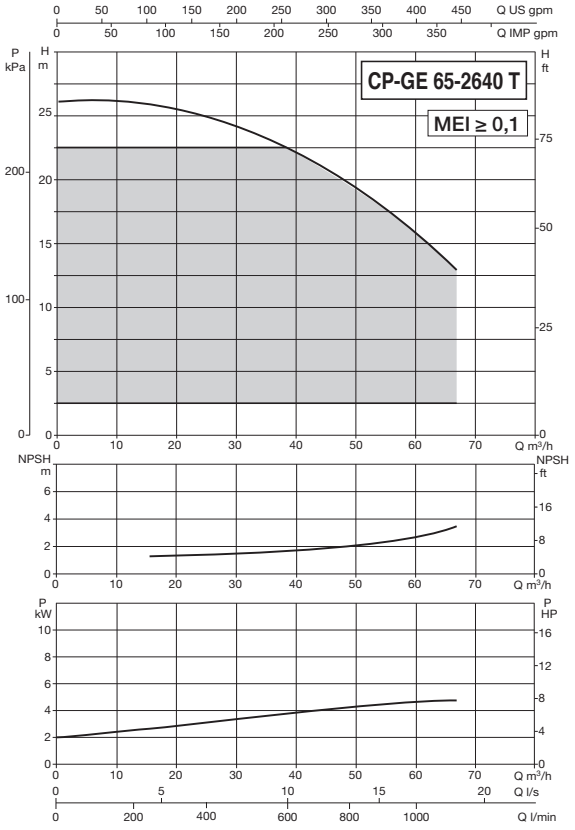
CPE / CP-GE / DCPE / DCP-GE - 2 POLES

ELECTRONIC IN-LINE PUMPS

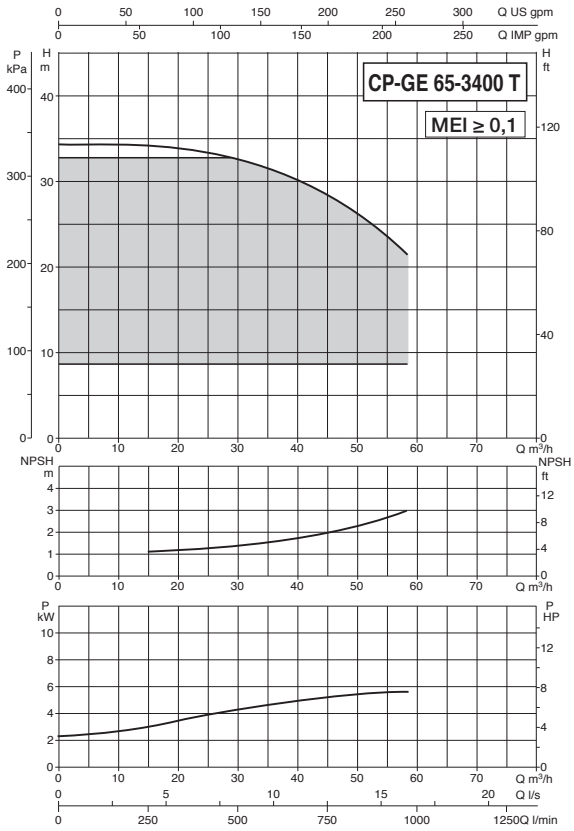


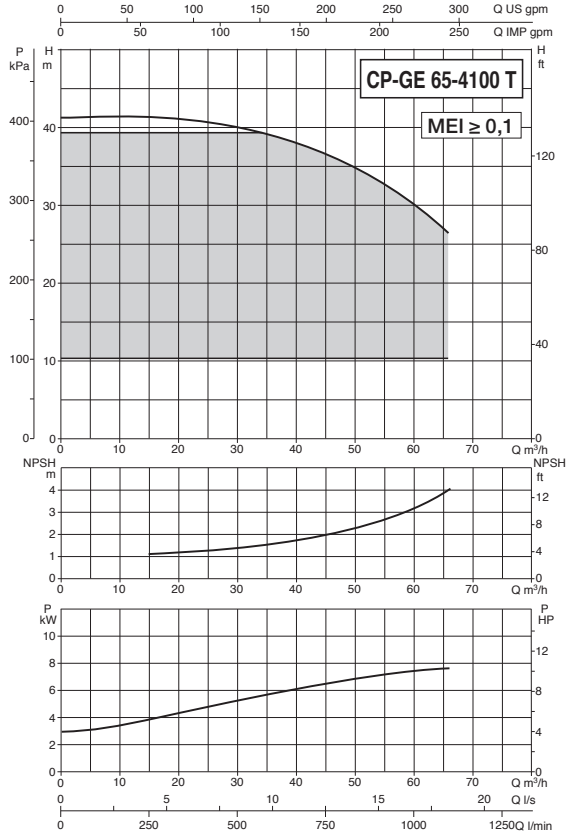


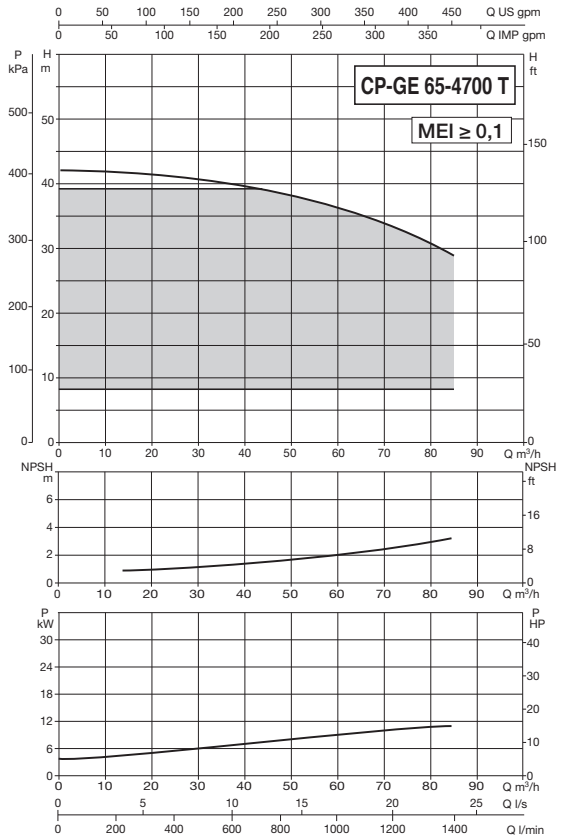


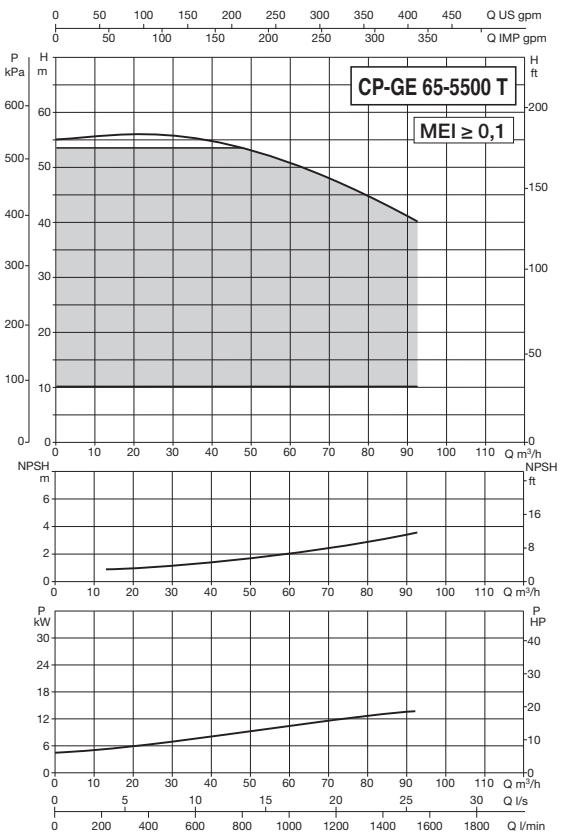


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.





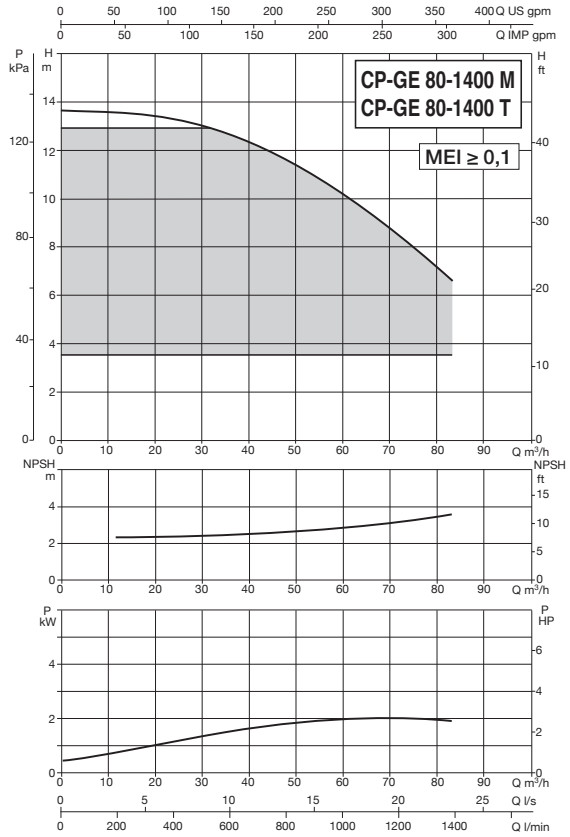


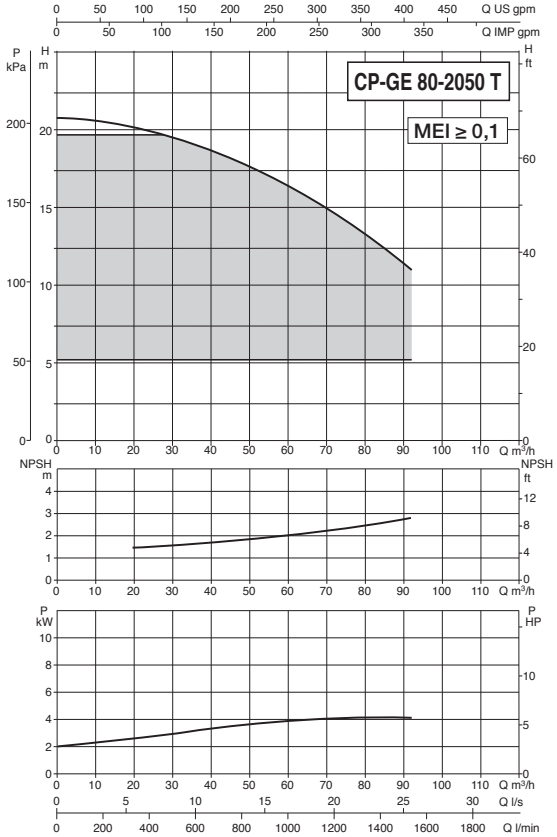


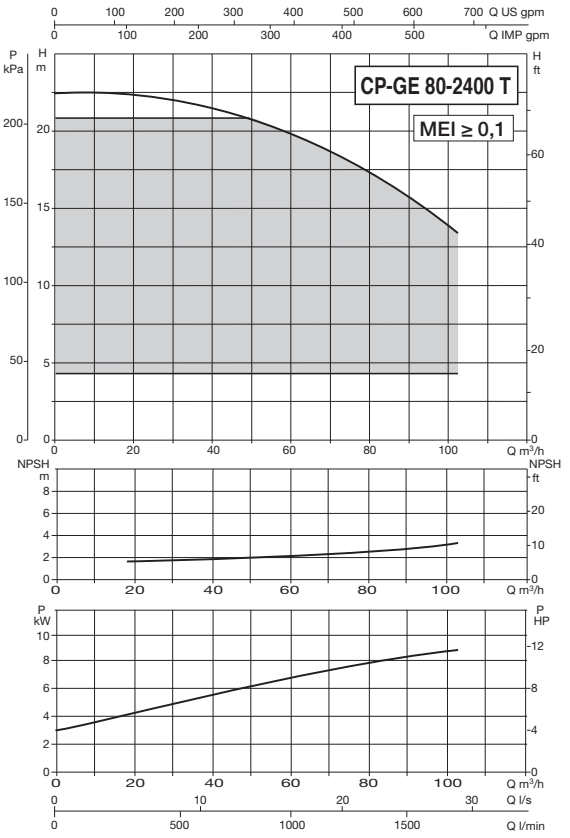
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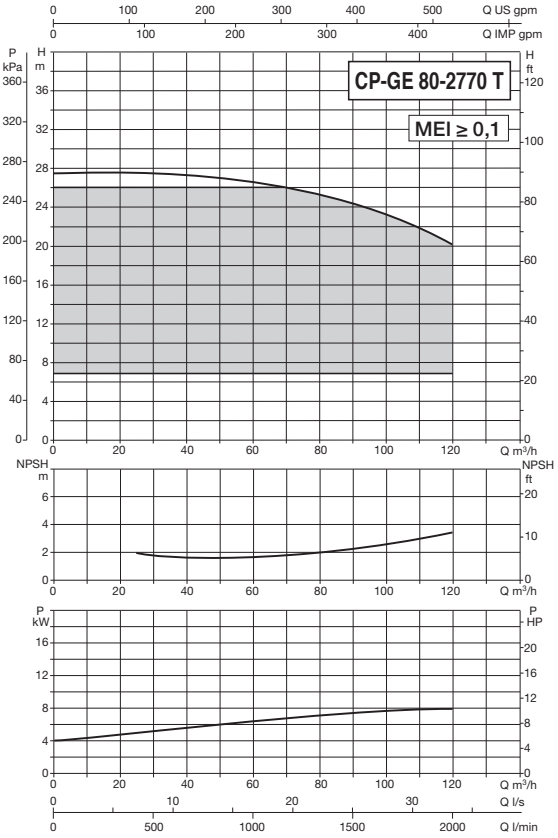
CPE / CP-GE / DCPE / DCP-GE - 2 POLES

ELECTRONIC IN-LINE PUMPS





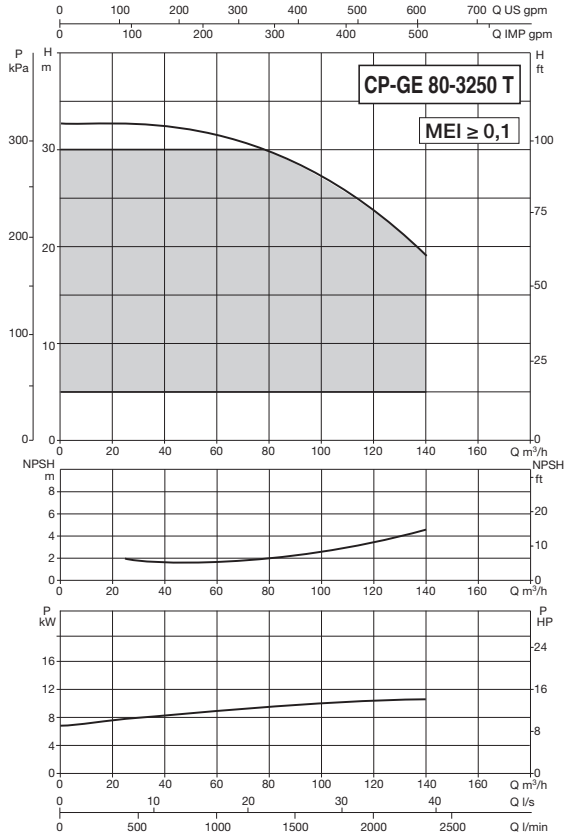


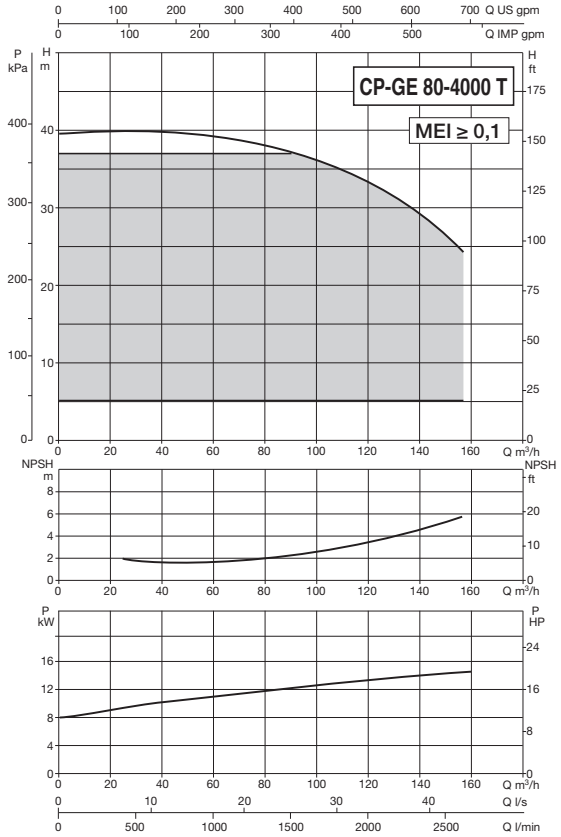


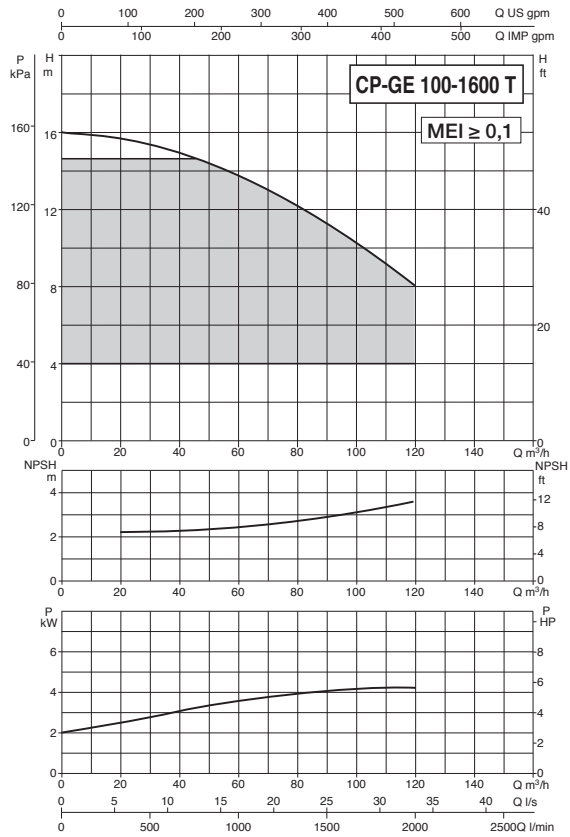
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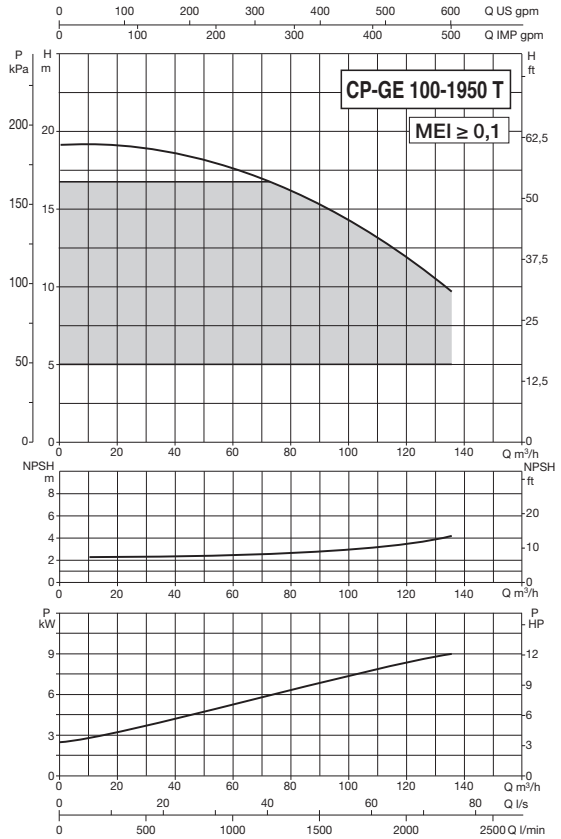
CPE / CP-GE / DCPE / DCP-GE - 2 POLES

ELECTRONIC IN-LINE PUMPS





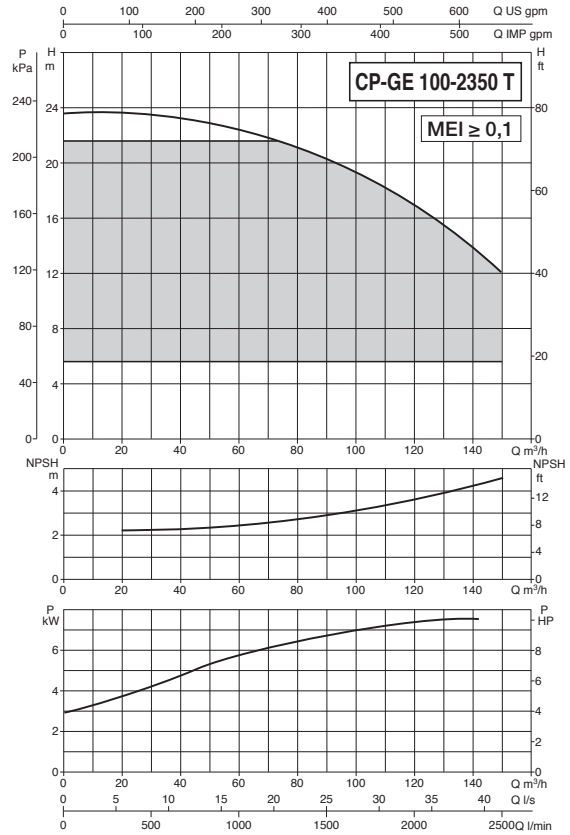


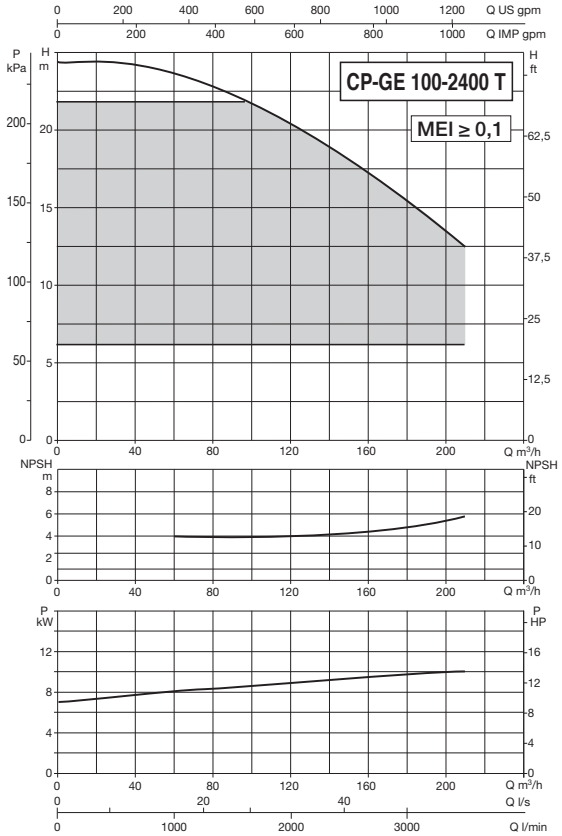


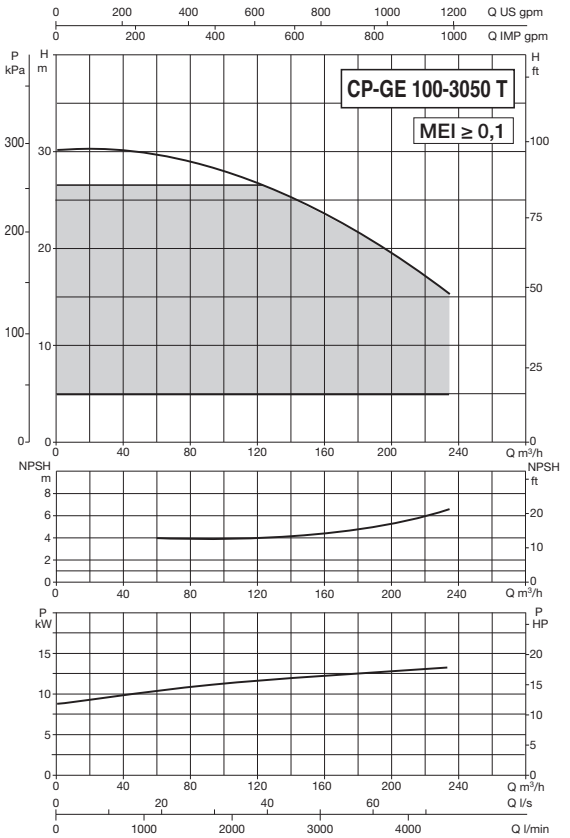
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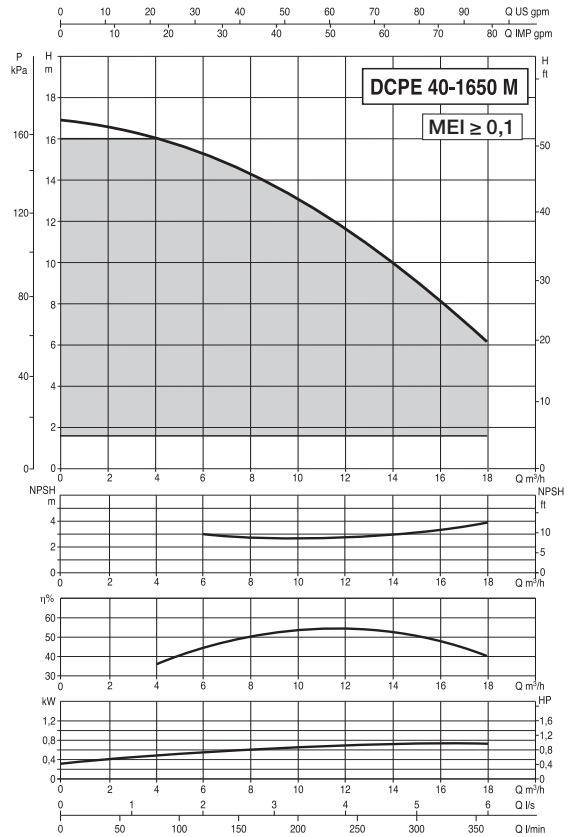
CPE / CP-GE / DCPE / DCP-GE - 2 POLES

ELECTRONIC IN-LINE PUMPS





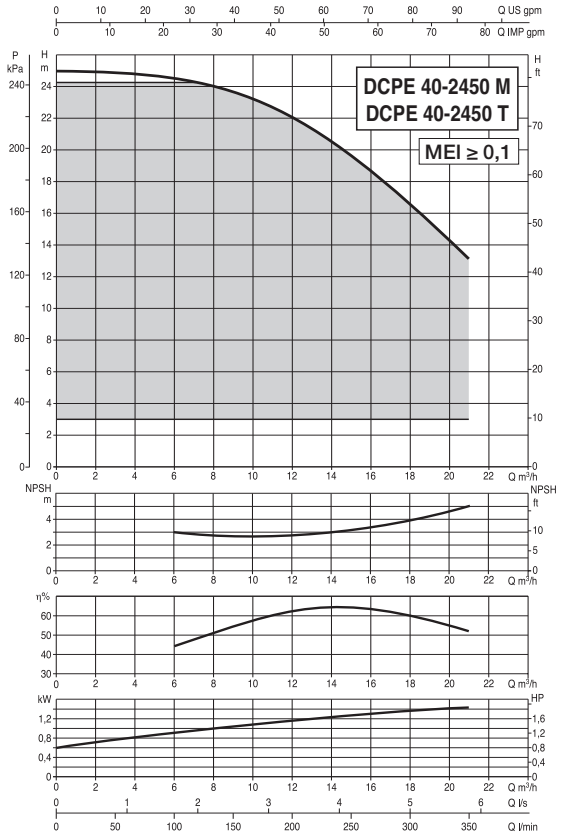


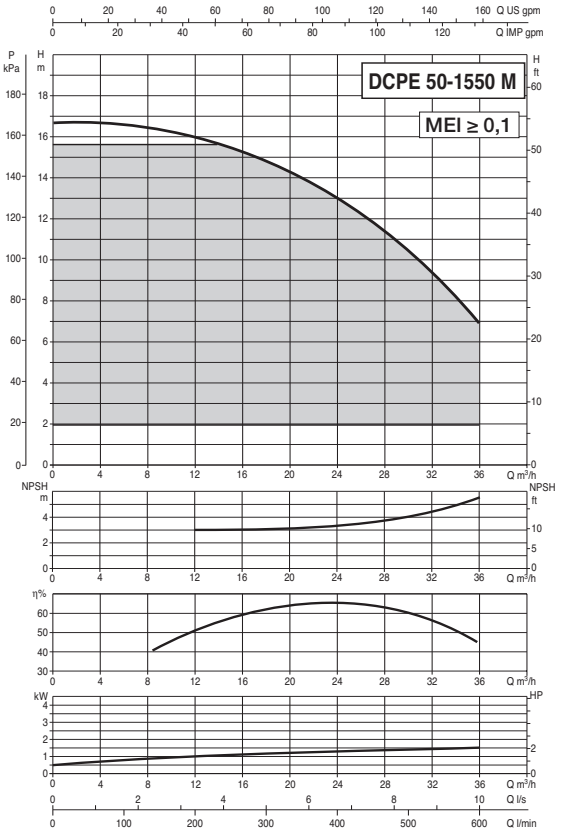


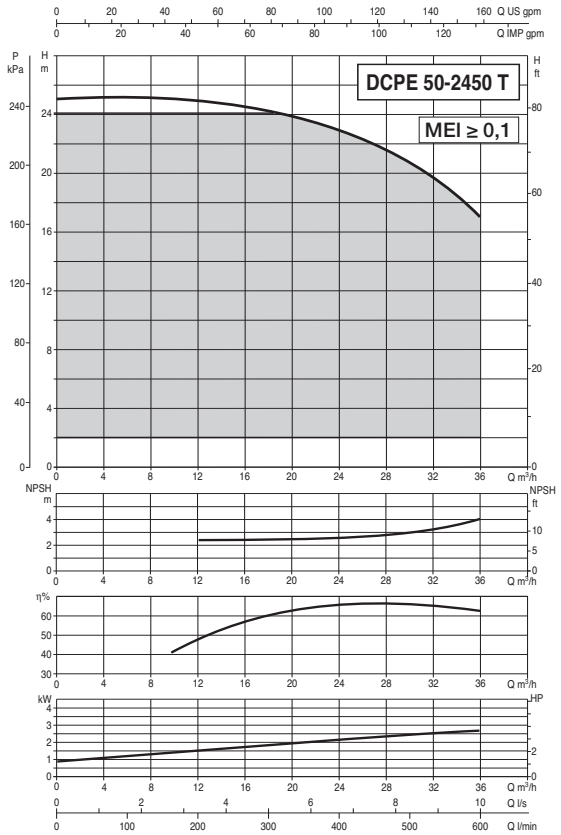
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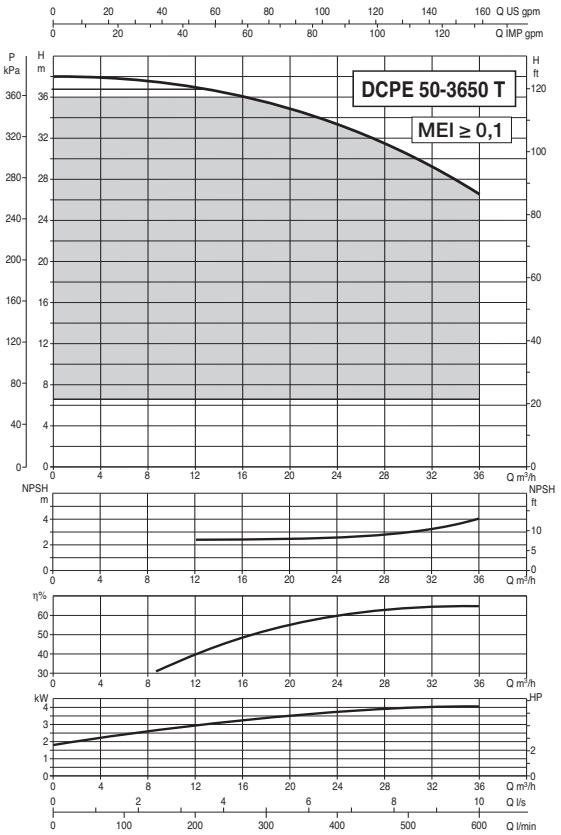
CPE / CP-GE / DCPE / DCP-GE - 2 POLES

ELECTRONIC IN-LINE PUMPS





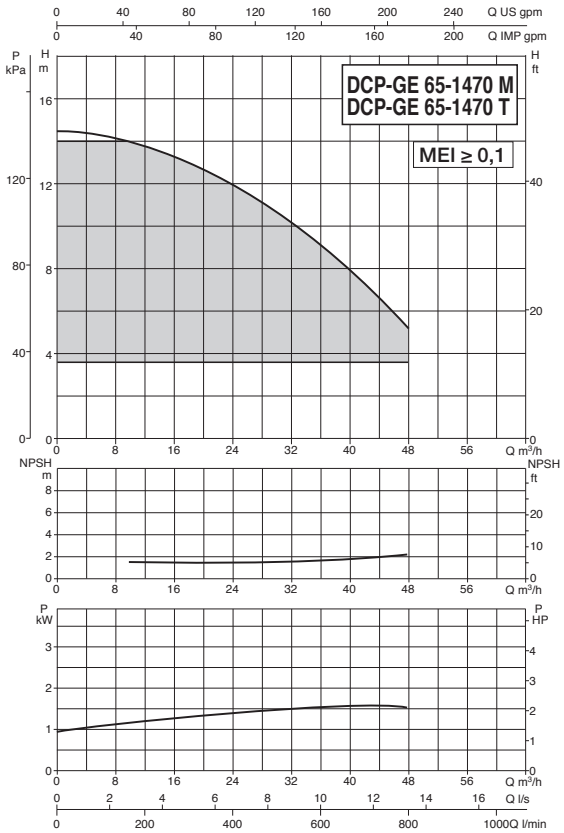


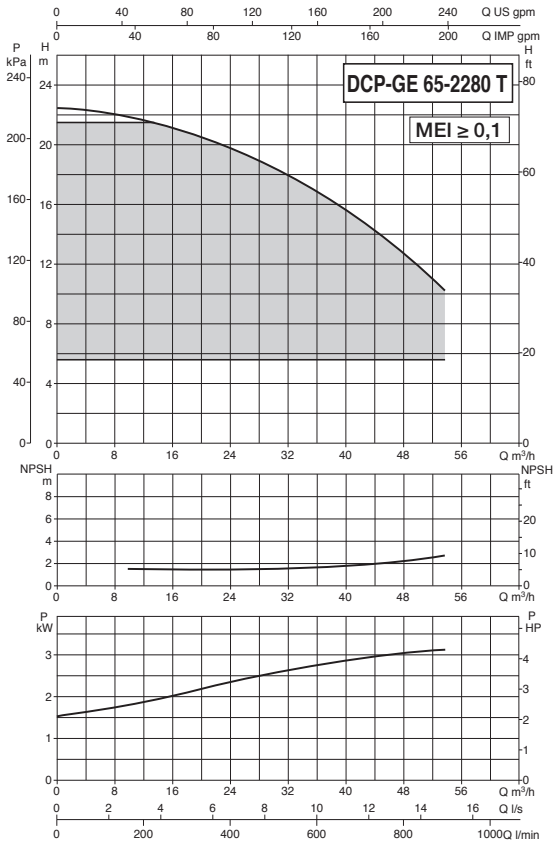


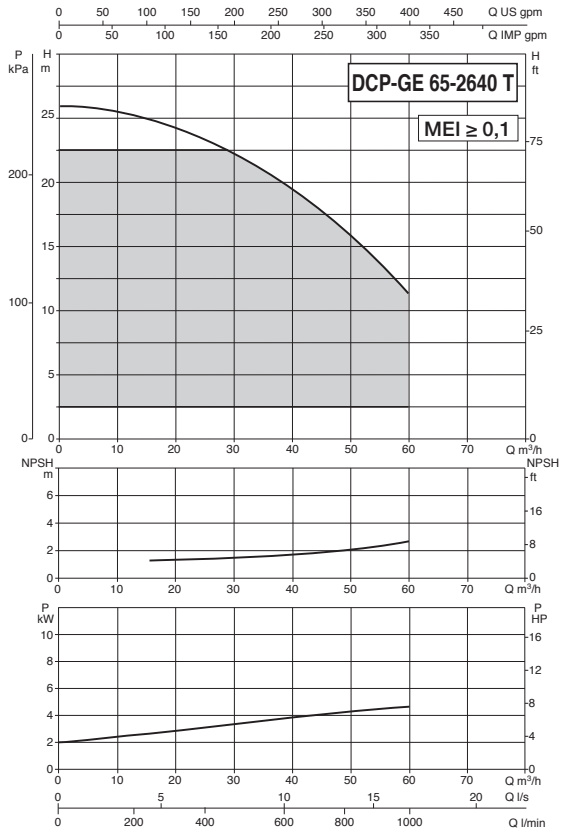
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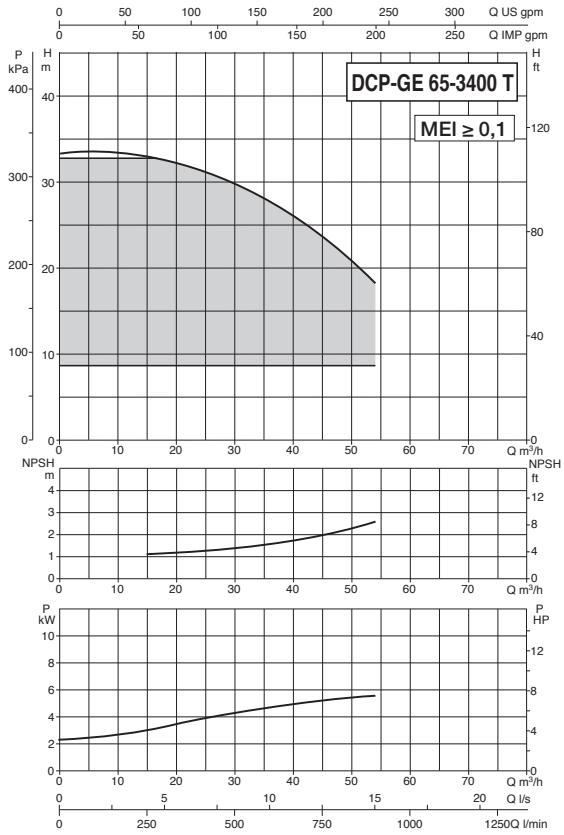
CPE / CP-GE / DCPE / DCP-GE - 2 POLES

ELECTRONIC IN-LINE PUMPS

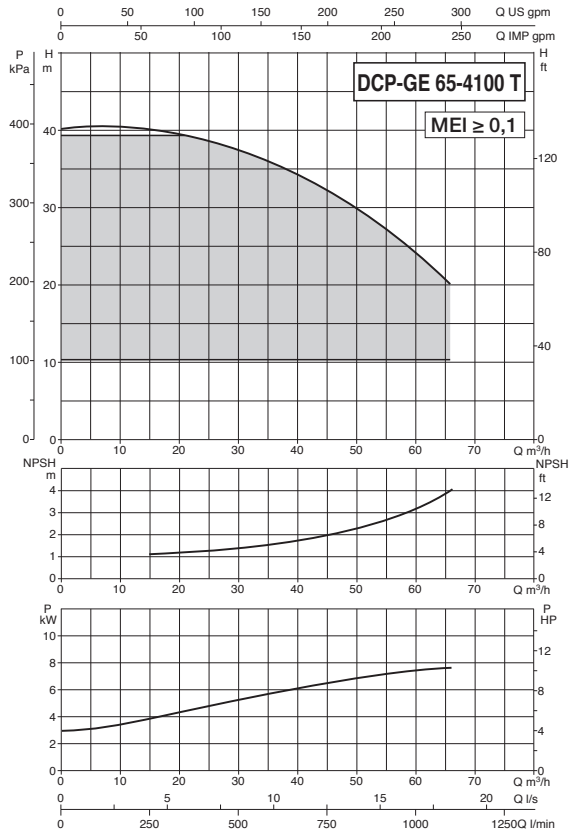


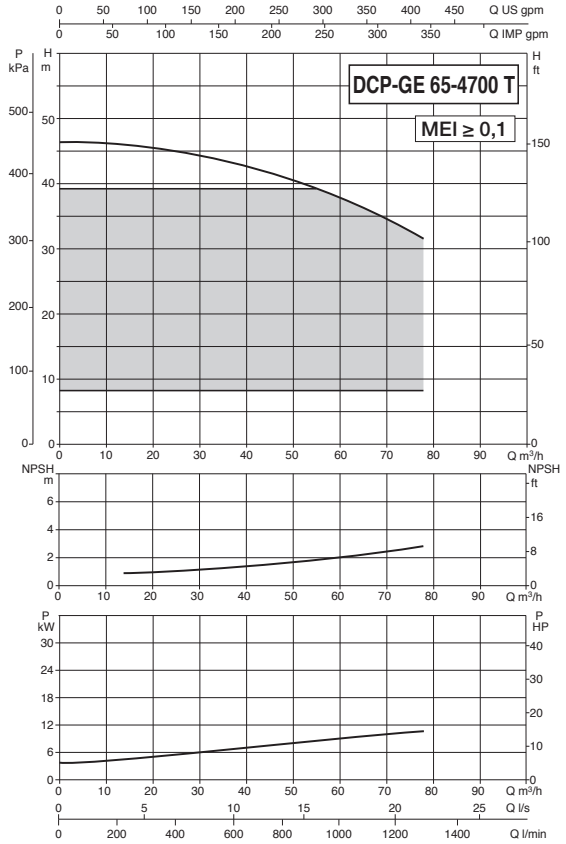


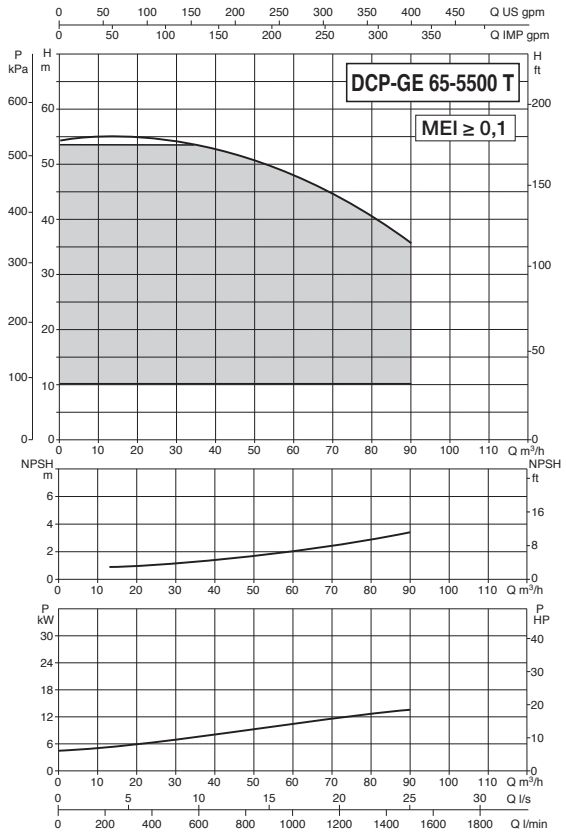


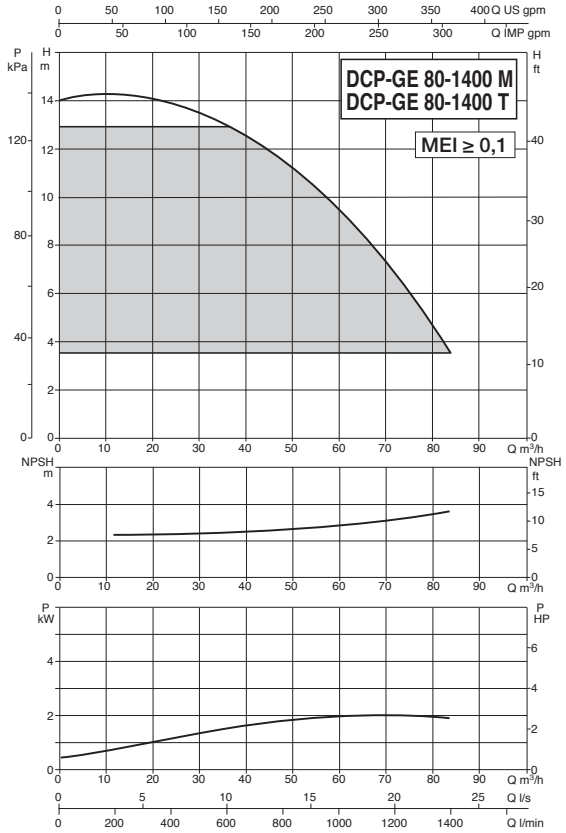


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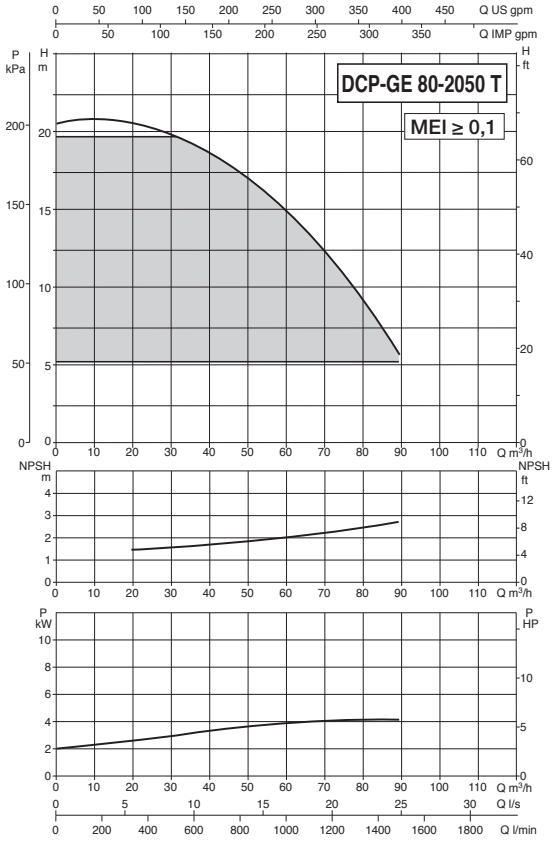


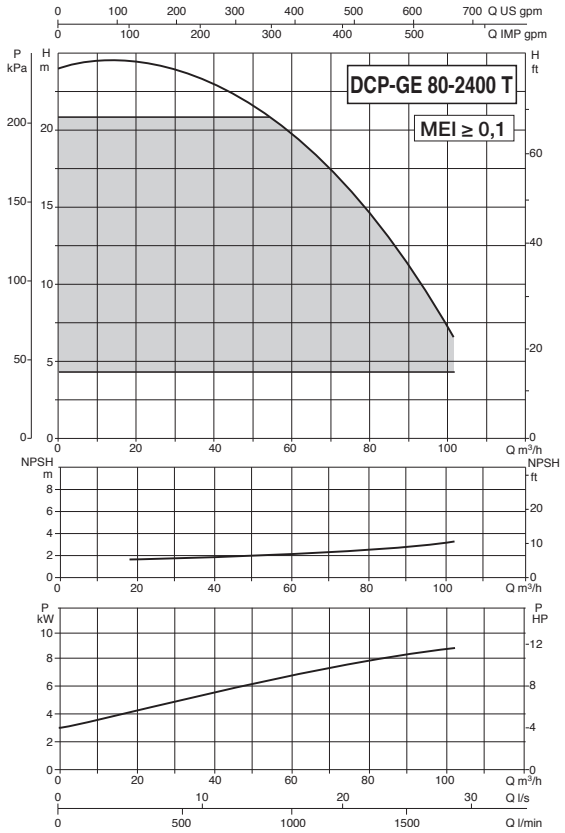


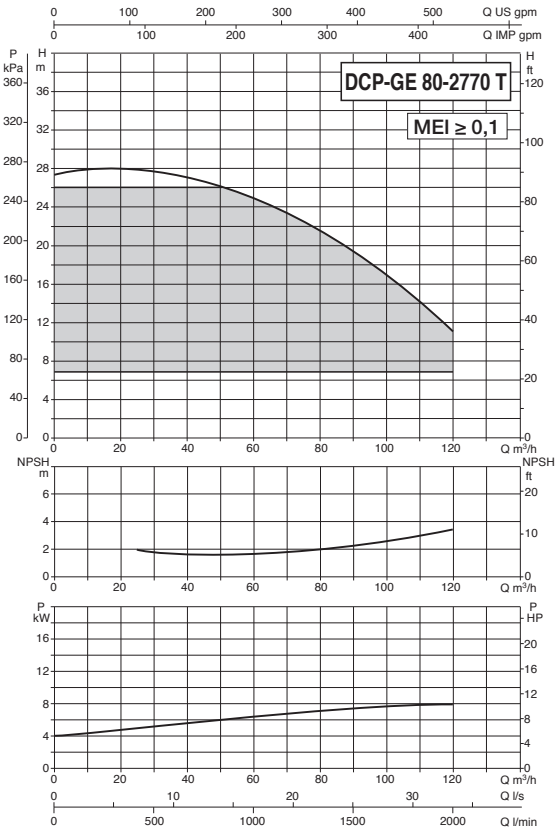
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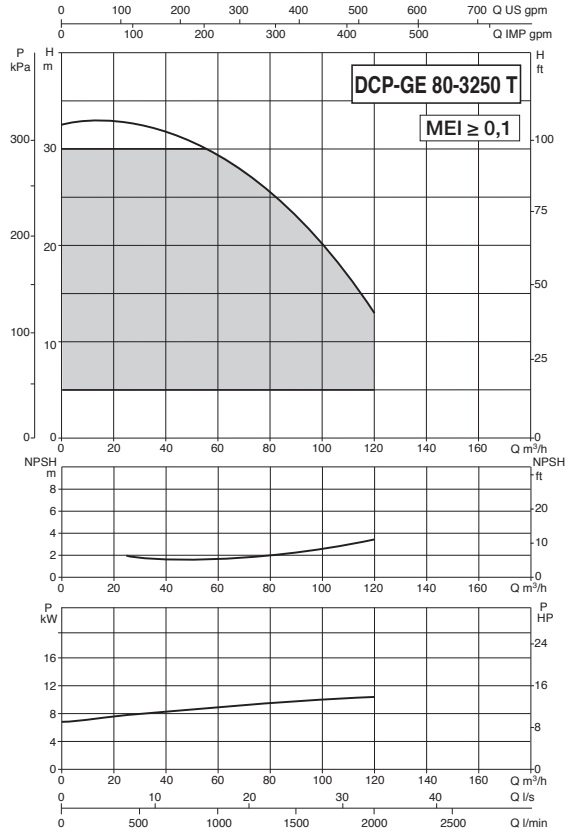
CPE / CP-GE / DCPE / DCP-GE - 2 POLES

ELECTRONIC IN-LINE PUMPS

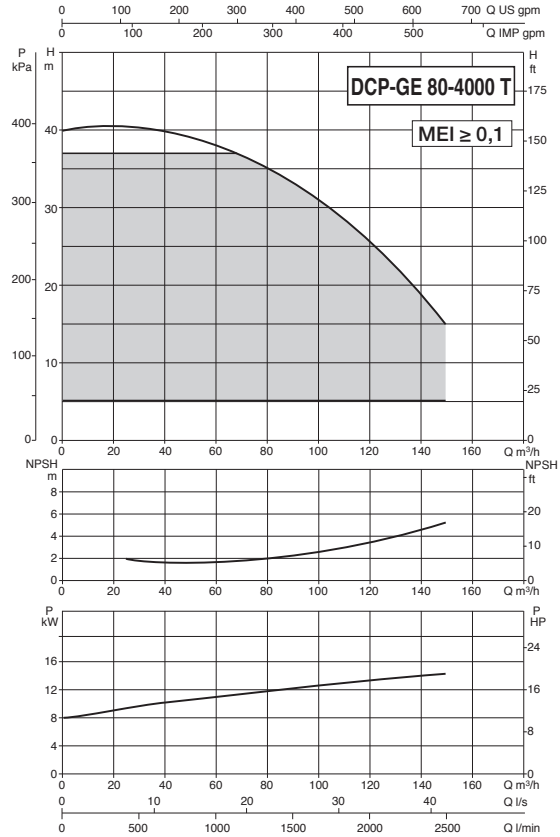


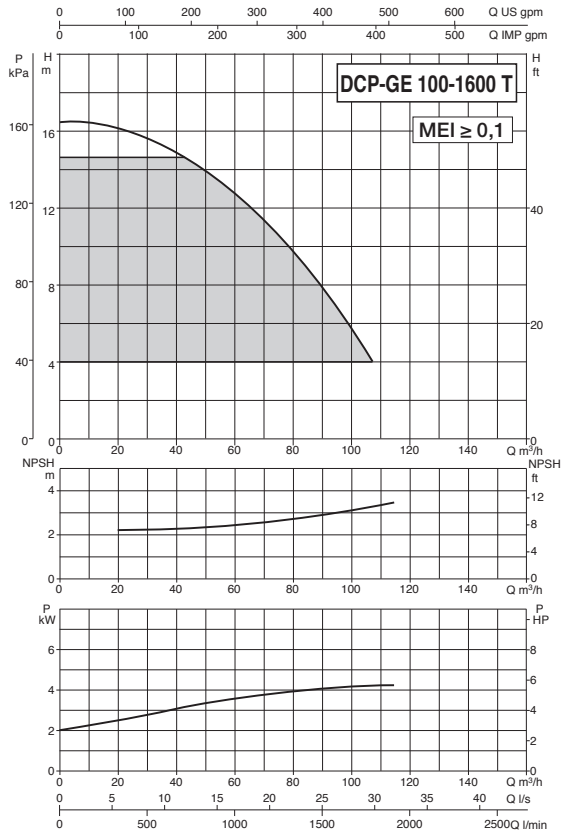


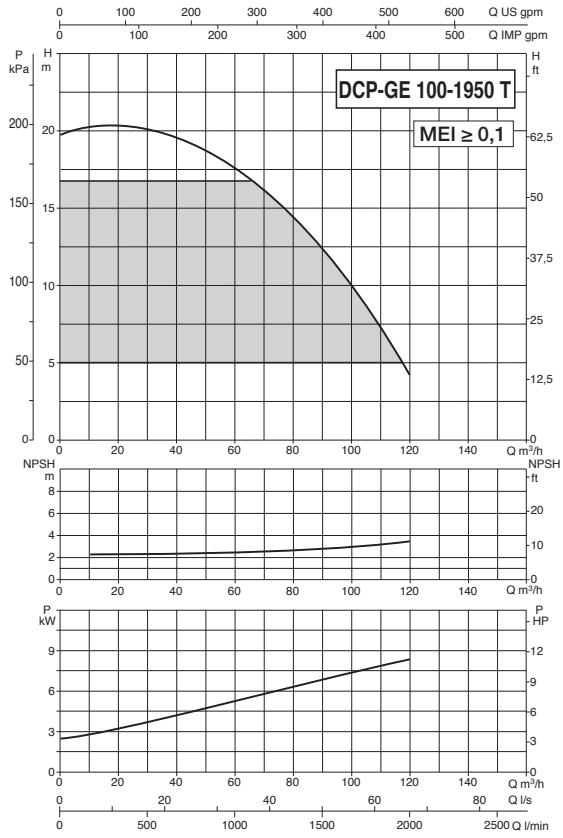


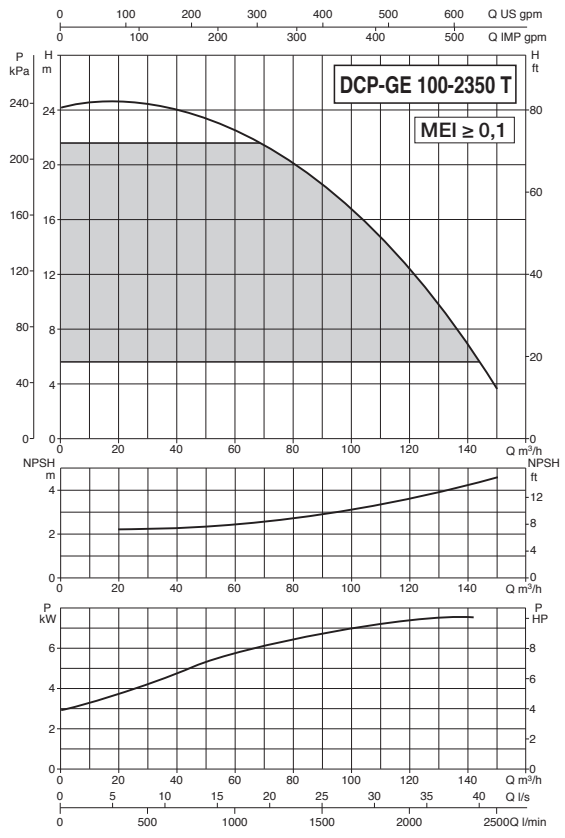


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.





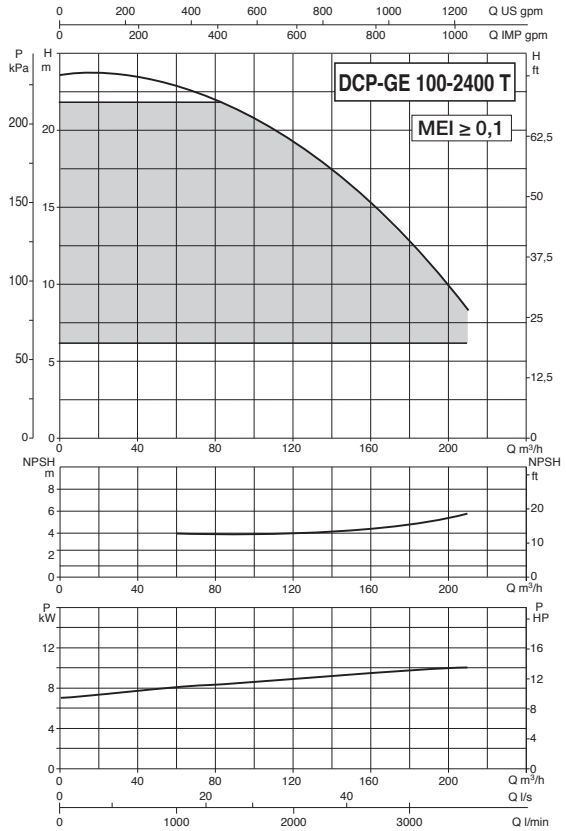


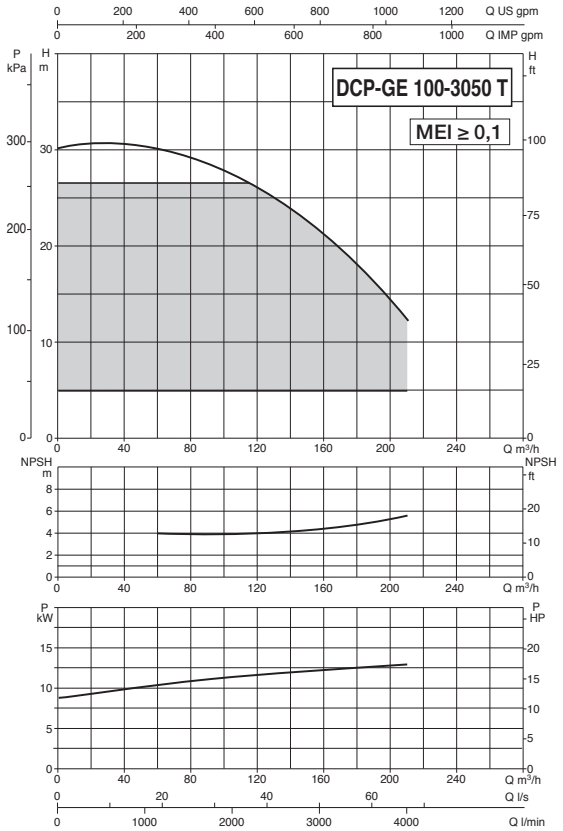


The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.

CPE / CP-GE / DCPE / DCP-GE - 2 POLES

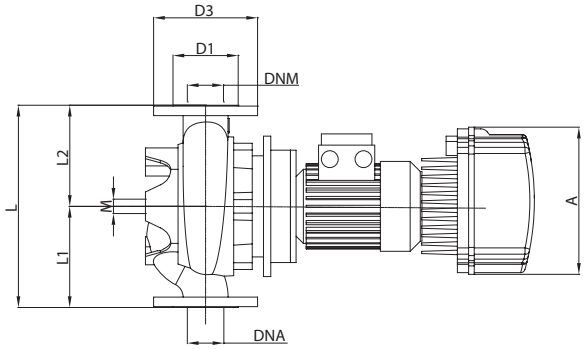
ELECTRONIC IN-LINE PUMPS

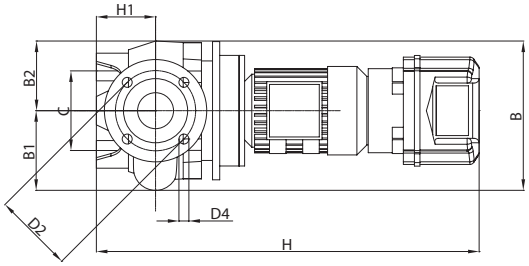


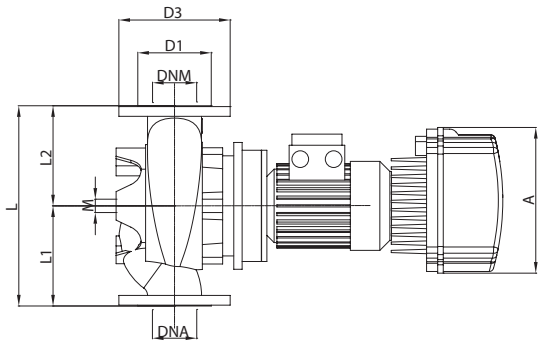


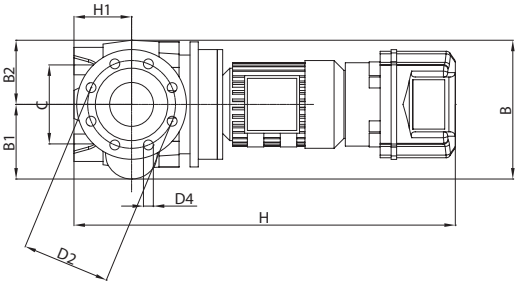
The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.

DIMENSIONS AND WEIGHTS - CPE/CP-GE





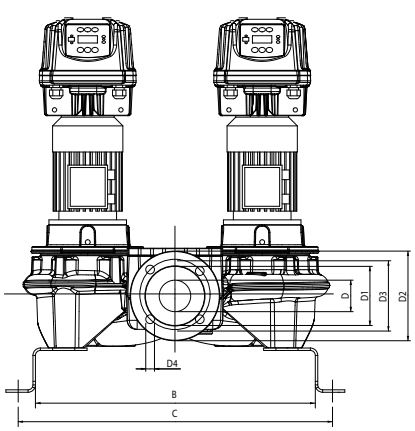


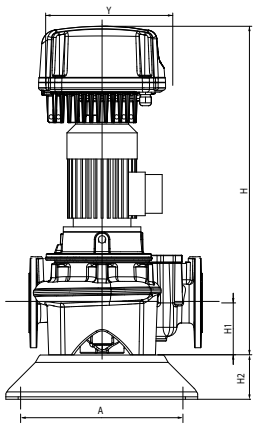


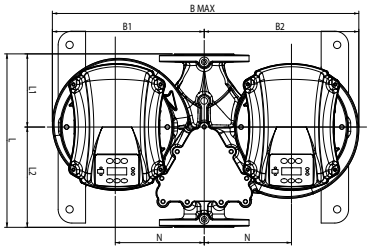
DIMENSIONS AND WEIGHTS - CPE/CP-GE

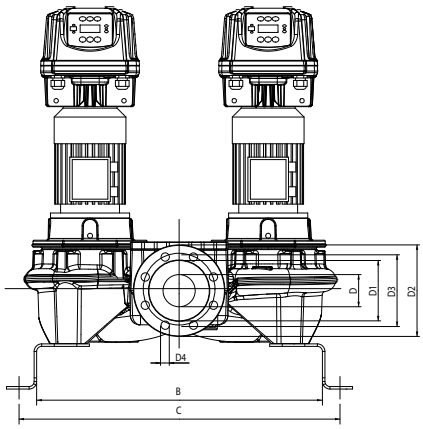
MODEL	A	B	B1	B2	C	D1	D2	D3	D4	H	H1	L	L1	L2	M	DNA	DNM	PACKAGING DIMENSIONS			VOLUME (mc)	WEIGHT Kg
																		L/A	L/B	H		
CPE 40/2300 M MCE11/C IE2	262	231	118	113	85	88	110	150	4X18	663	95	390	200	190	12	40	40	500	270	810	0,11	49
CPE 40/2300 T MCE30/C IE2	262	231	118	113	85	88	110	150	4X18	663	95	390	200	190	12	40	40	500	270	810	0,11	49
CPE 40/3500 M MCE22/C IE2	262	231	118	113	85	88	110	150	4X18	663	95	390	200	190	12	40	40	500	270	810	0,11	52
CPE 40/3500 T MCE30/C IE2	262	231	118	113	85	88	110	150	4X18	663	95	390	200	190	12	40	40	500	270	810	0,11	52
CPE 40/4700 T MCE55/C IE2	353	286	159	127	-	88	110	150	4X18	735	100	380	200	180	-	40	40	650	400	945	0,25	58
CPE 40/5500 T MCE55/C IE2	353	286	159	127	-	88	110	150	4X18	735	100	380	200	180	-	40	40	650	400	945	0,25	63
CPE 40/6200 T MCE110/C IE2	426	286	159	127	-	88	110	150	4X18	785	100	380	200	180	-	40	40	650	400	945	0,25	64
CPE 50/2600 M MCE15/C IE2	262	233	120	113	100	102	125	165	4X18	663	105	425	225	200	12	50	50	500	270	810	0,11	49
CPE 50/2600 T MCE 30/C IE2	262	233	120	113	100	102	125	165	4X18	663	105	425	225	200	12	50	50	500	270	810	0,11	49
CPE 50/4100 T MCE30/C IE2	353	233	120	113	100	102	125	165	4X18	737	105	425	225	200	12	50	50	500	270	810	0,11	62
CPE 50/4600 T MCE55/C IE2	353	290	159	131	-	102	125	165	4X18	745	105	400	220	180	-	50	50	650	400	945	0,25	64
CPE 50/5650 T MCE110/C IE2	426	341	170,5	170,5	-	102	125	165	4X18	745	105	400	220	180	-	50	50	650	400	945	0,25	72
CP-GE 65-1470/A/BAQE/ 1.5 M MCE11/C IE2	262	270	144	126	144	122	145	185	4X18	725	105	360	180	180	16	65	65	650	400	945	0,25	67
CP-GE 65-1470/A/BAQE/ 1.5 T MCE30/C IE2	262	270	144	126	144	122	145	185	4X18	725	105	360	180	180	16	65	65	650	400	945	0,25	67
CP-GE 65-2280/A/BAQE/ 3 T MCE30/C IE2	353	270	144	126	144	122	145	185	4X18	808	105	360	180	180	16	65	65	650	400	945	0,25	88
CP-GE 65-2640/A/BAQE/ 4 T MCE55/C IE2	353	270	144	126	144	122	145	185	4X18	808	105	360	180	180	16	65	65	650	400	945	0,25	95
CP-GE 65-3400/A/BAQE/ 5.5 T MCE55/C IE2	353	270	144	126	144	122	145	185	4X18	936	105	360	180	180	16	65	65	650	400	945	0,25	128
CP-GE 65-4100/A/BAQE/ 7.5 T MCE110/C IE2	426	341	144	126	144	122	145	185	4X18	1024	105	360	180	180	16	65	65	650	400	945	0,25	131
CP-GE 65-4700/A/BAQE/ 11 T MCE110/C IE2	426	341	180	164	144	122	145	185	4X18	1099	125	475	237,5	237,5	16	65	65	650	400	945	0,25	209
CP-GE 65-5500/A/BAQE/ 15 T MCE150/C IE2	426	341	180	164	144	122	145	185	4X18	1099	125	475	237,5	237,5	16	65	65	700	600	970	0,41	227
CP-GE 80-1400/A/BAQE/ 2.2 M MCE22/C IE2	262	252	135	117	144	138	160	200	8X18	753	105	360	180	180	16	80	80	650	400	945	0,25	86
CP-GE 80-1400/A/BAQE/ 2.2 T MCE30/C IE2	262	252	135	117	144	138	160	200	8X18	753	105	360	180	180	16	80	80	650	400	945	0,25	86
CP-GE 80-2050/A/BAQE/ 4 T MCE55/C IE2	353	267	135	117	144	138	160	200	8X18	765	105	360	180	180	16	80	80	650	400	945	0,25	99
CP-GE 80-2400/A/BAQE/ 5.5 T MCE55/C IE2	353	267	135	117	144	138	160	200	8X18	873	105	360	180	180	16	80	80	650	400	945	0,25	133
CP-GE 80-2770/A/BAQE/ 7.5 T MCE110/C IE2	426	341	178	146	144	138	160	200	8X18	1038	115	440	220	220	16	80	80	650	400	945	0,25	88
CP-GE 80-3250/A/BAQE/ 11 T MCE110/C IE2	426	341	178	146	144	138	160	200	8X18	1100	115	440	220	220	16	80	80	650	400	945	0,25	98
CP-GE 80-4000/A/BAQE/ 15 T MCE150/C IE2	426	341	178	146	144	138	160	200	8X18	1100	115	440	220	220	16	80	80	650	400	945	0,25	103
CP-GE 100-1600/A/BAQE/ 4 T MCE55/C IE2	353	341	158	126	144	158	180	220	8x18	898	140	500	250	250	16	100	100	650	400	945	0,25	86
CP-GE 100-1950/A/BAQE/ 5.5 T MCE55/C IE2	353	341	158	126	144	158	180	220	8x18	1026	140	500	250	250	16	100	100	650	400	945	0,25	92
CP-GE 100-2350/A/BAQE/ 7.5 T MCE110/C IE2	426	341	158	126	144	158	180	220	8x18	1064	140	500	250	250	16	100	100	700	600	970	0,41	110
CP-GE 100-2400/A/BAQE/ 11 T MCE110/C IE2	426	346	193	153	230	158	180	220	8x18	1092	140	550	275	275	16	100	100	700	600	970	0,41	120
CP-GE 100-3050/A/BAQE/ 15 T MCE150/C IE2	426	346	193	153	230	158	180	220	8x18	1092	140	550	275	275	16	100	100	700	600	970	0,41	159

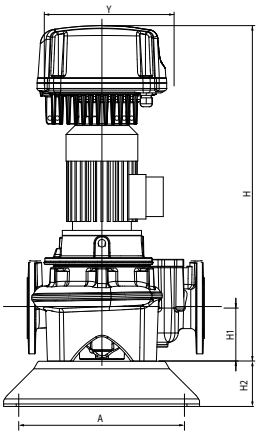
DIMENSIONS AND WEIGHTS - DCME/DCM-GE

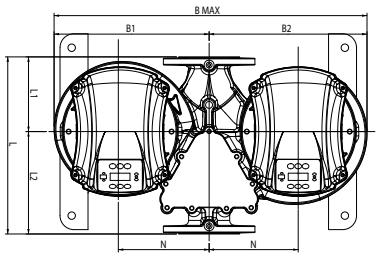












MODEL	L	L1	L2	B	B1	B2	H	H1	N	D	D1	D2	D3	D4	Y	PACKAGING DIMENSIONS			VOLUME (mc)	WEIGHT Kg
																L/A	L/B	H		
DCPE 40/1650 M MCE11/C IE2	340	130	210	400	200	200	625	100	100	40 PN16	88	150	110	4 Holes Ø18	262	520	400	710	0,15	54
DCPE 40/2450 M MCE15/C IE2	340	130	210	400	200	200	625	100	100	40 PN16	88	150	110		262	520	400	710	0,15	58
DCPE 40/2450 T MCE30/C IE2	340	130	210	400	200	200	625	100	100	40 PN16	88	150	110		262	520	400	710	0,15	58
DCPE 50/1550 M MCE15/C IE2	365	145	220	427	217	210	655	110	105	50 PN16	102	165	125	4 Holes Ø18	262	520	400	710	0,15	60
DCPE 50/1550 T MCE30/C IE2	365	145	220	427	217	210	655	110	105	50 PN16	102	165	125		262	520	400	710	0,15	60
DCPE 50/2450 T MCE30/C IE2	365	145	220	427	217	210	655	110	105	50 PN16	102	165	125		353	520	400	710	0,15	75
DCPE 50/3650 T MCE55/C IE2	410	170	240	480	235	245	735	110	120	50 PN16	102	165	125	4 Holes Ø18	353	700	600	970	0,41	95

DIMENSIONS AND WEIGHTS - DCME/DCM-GE

MODEL	A	B	C	B1	B2	B max	D1	D2	D3	D4	n° holes	Y	H	H1	L	L1	L2	M	N	PACKAGING DIMENSIONS			VOL. (mc)	WEIGHT Kg
																				L/A	L/B	H		
DCP-GE 65-1470/A/BAQE/ 1.5 M MCE11/C IE2	330	569	639	315	320	635	122	185	145	18	4	262	745	107	358	151	207	M16	180	405	700	848	0,24	150
DCP-GE 65-1470/A/BAQE/ 1.5 T MCE30/C IE2	330	569	639	315	320	635	122	185	145	18		262	748	107	358	151	207	M16	180	405	700	848	0,24	148
DCP-GE 65-2280/A/BAQE/ 3 T MCE30/C IE2	330	569	639	315	320	635	122	185	145	18		352	828	107	358	151	207	M16	180	405	750	925	0,28	193
DCP-GE 65-2640/A/BAQE/ 4 T MCE55/C IE2	330	569	639	315	320	635	122	185	145	18	4	352	843	107	358	151	207	M16	180	405	700	943	0,27	206
DCP-GE 65-3400/A/BAQE/ 5.5 T MCE55/C IE2	330	569	639	324	329	653	122	185	145	18		352	932	107	358	151	207	M16	180	405	700	1032	0,29	272
DCP-GE 65-4100/A/BAQE/ 7.5 T MCE110/C IE2	330	569	639	324	329	653	122	185	145	18	4	425	980	107	358	151	207	M17	180	405	700	1080	0,31	284
DCP-GE 65-4700/A/BAQE/ 11 T MCE110/C IE2	330	649	719	389	397	786	122	185	145	18		425	1139	125	475	177	298	M16	220	475	782	1239	0,46	423
DCP-GE 65-5500/A/BAQE/ 15 T MCE150/C IE2	330	649	719	389	397	786	122	185	145	18	4	425	1139	125	475	177	298	M16	220	475	782	1239	0,46	459
DCP-GE 80-1400/A/BAQE/ 2.2 M MCE22/C IE2	330	580	650	305	310	615	137	200	160	18	8	352	781,5	115	360	165	195	M16	180	360	710	882	0,23	177
DCP-GE 80-1400/A/BAQE/ 2.2 T MCE30/C IE2	330	580	650	305	310	615	137	200	160	18		352	781,5	115	360	165	195	M16	180	360	710	882	0,23	179
DCP-GE 80-2050/A/BAQE/ 4 T MCE55/C IE2	330	580	650	305	310	615	137	200	160	18		352	854,5	115	360	165	195	M16	180	360	710	955	0,24	195
DCP-GE 80-2400/A/BAQE/ 5.5 T MCE55/C IE2	330	580	650	327	332	659	137	200	160	18	8	352	943,5	115	360	165	195	M16	180	360	710	1044	0,27	264
DCP-GE 80-2770/A/BAQE/ 7.5 T MCE110/C IE2	330	620	690	355	365	750	137	200	160	18		425	992	115	440	165	195	M16	180	440	750	1092	0,36	186
DCP-GE 80-3250/A/BAQE/ 11 T MCE110/C IE2	330	620	690	364	374	768	137	200	160	18	8	425	1137	115	440	165	195	M16	180	440	768	1237	0,42	204
DCP-GE 80-4000/A/BAQE/ 15 T MCE150/C IE2	330	620	690	364	374	768	137	200	160	18		425	1137	115	440	165	195	M16	180	440	768	1237	0,42	214
DCP-GE 100-1600/A/BAQE/ 4 T MCE55/C IE2	362	637	717	330	345	675	137	200	160	18	8	352	882,5	140	500	280	340	M16	300	500	777	983	0,38	183
DCP-GE 100-1950/A/BAQE/ 5.5 T MCE55/C IE2	362	637	717	335	350	685	137	200	160	18		352	970,5	140	500	280	340	M16	300	500	777	1071	0,42	197
DCP-GE 100-2350/A/BAQE/ 7.5 T MCE110/C IE2	362	637	717	335	350	685	137	200	160	18	8	425	1018,5	140	500	280	340	M16	300	500	777	1119	0,43	230
DCP-GE 100-2400/A/BAQE/ 11 T MCE110/C IE2	362	733	813	395	410	805	156	220	180	18		425	1159	140	550	191	309	M16	200	550	873	1259	0,60	273
DCP-GE 100-3050/A/BAQE/ 15 T MCE150/C IE2	362	733	813	395	410	805	156	220	180	18	8	425	1159	140	550	191	309	M16	200	550	873	1259	0,60	352

ALM / ALP
IN-LINE PUMPS

CE

HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM



Circulating pumps with in-line **connections**, suitable for civil and industrial installations for heating, air-conditioning and hot water for **domestic use**.
Technopolymer impeller and carbon/ceramic mechanical seal. Two-pole, asynchronous motor for the ALP version and four-pole for the ALM version.
Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. Three-phase motors should be protected with a suitable overload protection complying with the regulations in force.
Pump body and motor support in bronze.

Operating range: from 0,6 to 6,5 m³/h with head up to 7,7 metres.
Liquid temperature range: from +15°C to +120°C.
Pumped liquid characteristics: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised, chemically neutral, close to the characteristics of water.
Maximum ambient temperature: + 40°C
Maximum working pressure: 10 bar (1000 kPa).
Protection level: IP 55
Insulation class: F

BRONZE PUMP BODY

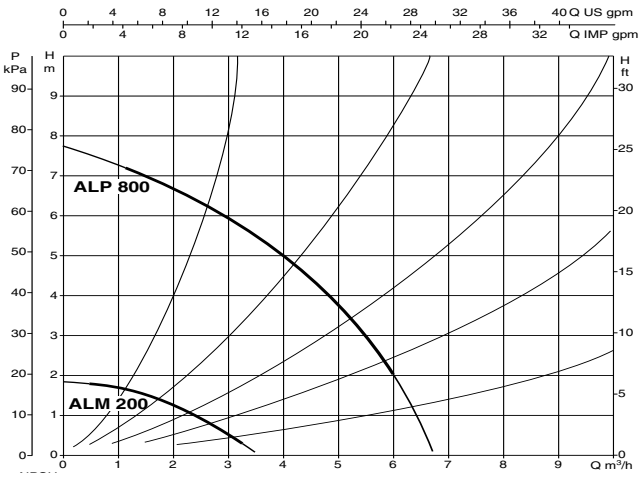
ACCESSORIES
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TECHNICAL DATA - ALM 200 /ALP 800

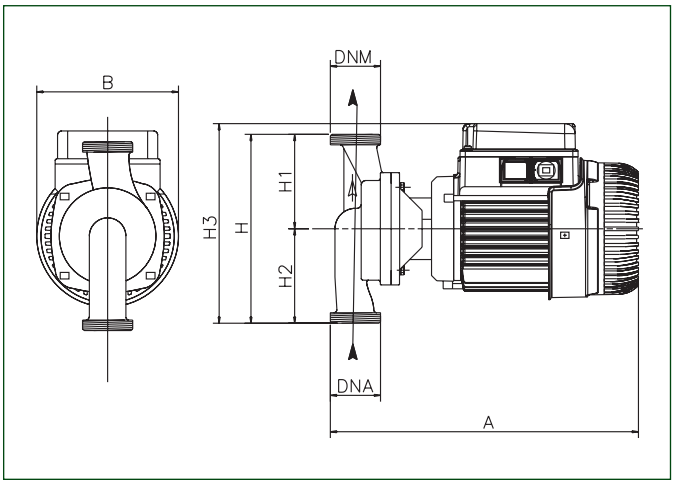
ALM - 1400 r.p.m. 1/min - 4 poles
ALP - 2800 r.p.m. 1/min - 2 poles

MODEL	CODE	CENTRE DISTANCE	ELECTRICAL DATA									HYDRAULIC DATA						
			VOLTAGE 50 Hz	MOTOR TYPE	n r.p.m.	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	1,2	2,4	3,6	4,8	6
							kW	HP		µF	VC	Q=l/min	0	20	40	60	80	100
ALM 200 M	105100004	180	1x220-240 V ~	4 POLES	1480	0,14	0,059	0,08	0,7	8	450	H (m)	1,9	1,65	1			
ALM 200 T	105100014	180	3 x 230 V ~ 3 x 400 V ~	4 POLES	1475	0,08	0,059	0,08	0,53-0,3	-	-		1,9	1,65	1			
ALP 800 M	105100084	180	1x220-240 V ~	2 POLES	2925	0,24	0,37	0,5	1,4	10	450		7,7	7,2	6,3	5,8	3,9	2
ALP 800 T	105100094	180	3 x 230 V ~ 3 x 400 V ~	2 POLES	2915	0,20	0,37	0,5	1,2-0,7	-	-		7,7	7,2	6,3	5,8	3,9	2

ALM 200 - ALP 800



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	L	IØ	H	H1	H2	H3	DNA NPT	DNM NPT	PACKAGING DIMENSIONS			WEIGHT KG	Q.TY X PALLET
												L/A	L/B	H		
ALM 200	300	136	–	–	–	180	90	90	190	1 1/2" G-M	1 1/2" G-M	332	202	257	39	7,5
ALP 800	300	136	–	–	–	180	90	90	190	1 1/2" G-M	1 1/2" G-M	332	202	257	39	7,5

ALM / ALP
IN-LINE PUMPS



CE

HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM

Circulating pumps with in-line **connections**, suitable for civil and industrial installations for heating, air-conditioning and hot water for **domestic use**.
Technopolymer impeller and carbon/ceramic mechanical seal. Two-pole, asynchronous motor for the ALP version and four-pole for the ALM version.
Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. Three-phase motors should be protected with a suitable overload protection complying with the regulations in force.
Pump body and motor support in cast iron.

Operating range: from 1,5 to 8,4 m³/h with head up to 21 metres.
Liquid temperature range: from +15°C to +120°C.
Pumped liquid characteristics: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised, chemically neutral, close to the characteristics of water.
Maximum ambient temperature: + 40°C
Maximum working pressure: 10 bar (1000 kPa).
Protection level: IP 55
Insulation class: F

ACCESSORIES
PAG. 227

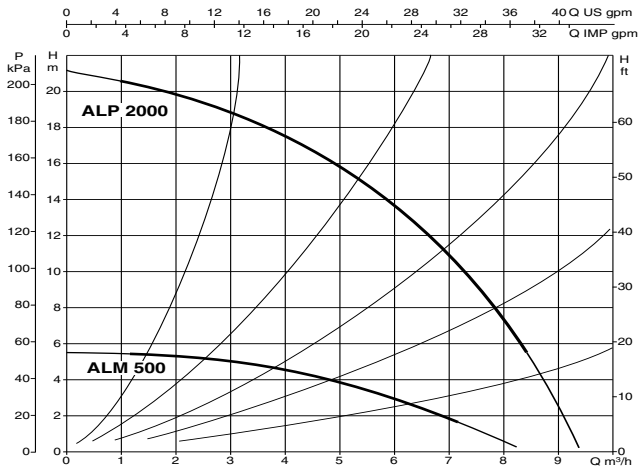
CAST IRON PUMP BODY

TECHNICAL DATA - ALM 500/ ALP 2000

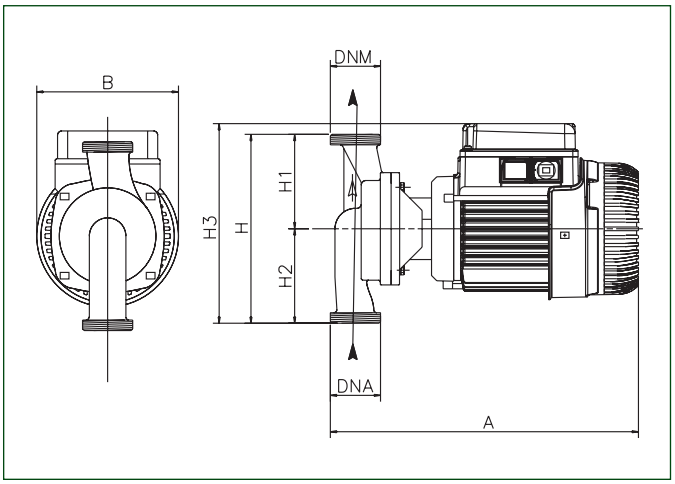
ALM - 1400 r.p.m. 1/min - 4 poles
ALP - 2800 r.p.m. 1/min - 2 poles

MODEL	CODE	CENTRE DISTANCE	ELECTRICAL DATA									HYDRAULIC DATA								
			VOLTAGE 50 Hz	MOTOR TYPE	n r.p.m.	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	1,2	2,4	3,6	4,8	6	7,2	8,4
							kW	HP		µF	VC	Q=l/min	0	20	40	60	80	100	120	140
ALM 500 M	105100024	250	1x220-240 V ~	4 POLES	1425	0,22	0,25	0,33	1	8	450	H (m)	5,5	5,4	5,3	4,8	4,1	3	1,5	
ALM 500 T	105100034	250	3 x 230 V ~ 3 x 400 V ~	4 POLES	1465	0,19	0,25	0,33	1-0,6	-	-		5,5	5,4	5,3	4,8	4,1	3	1,5	
ALP 2000 M	105100124	250	1x220-240 V ~	2 POLES	2870	0,75	0,55	0,75	3,7	16	450		21,1	20,6	19,6	18	16	13,8	10,5	5,3
ALP 2000 T	105100134	250	3 x 230 V ~ 3 x 400 V ~	2 POLES	2830	0,66	0,55	0,75	2,3-1,3	-	-		21,1	20,6	19,6	18	16	13,8	10,5	5,3

ALM 500 - ALP 2000



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	L	IØ	H	H1	H2	H3	DNA NPT	DNM NPT	PACKAGING DIMENSIONS			WEIGHT KG	Q.TY X PALLET
												L/A	L/B	H		
ALM 500	386	174	63	95	8	250	125	125	235	2" G-M	2" G-M	492	232	292	21	14,5
ALP 2000	386	174	63	95	8	250	125	125	235	2" G-M	2" G-M	492	232	292	21	14,5

DAB PUMPS reserves the right to make modifications without notice

KLM / KLP / DKLM / DKLP

IN-LINE PUMPS



CE

HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM

Pump body and motor support in cast iron. PN10 flanged connections with threaded holes for control pressure gauges. Technopolymer impeller and carbon/ceramic mechanical seal. Four-pole, asynchronous motor for the KLM and DKLM versions and two-pole for the KLP and DKLP versions. Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. Three-phase motors should be protected with a suitable overload protection complying with the regulations in force. In the twin version there is a built-in automatic clapet valve on the delivery vent; the standard supply also includes a blank flange.

Operating range: from 2 to 67 m³/h with head up to 13.7 metres.
Liquid temperature range: from -15°C to +120°C.
Pumped liquid characteristics:clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised, chemically neutral.
Maximum ambient temperature: +40°C
Maximum working pressure: 10 bar (1000 kPa).
Protection level: IP 55
Insulation class: F
Standard flanging: PN 10/PN 6
Counter flanges either threaded or with welded collar as requested.

ACCESSORIES
PAG. 227

TECHNICAL DATA - KLM/KLP *SINGLE WITH OVAL FLANGES*

KLM - 1400 r.p.m. 1/min - 4 POLES
KLP - 2800 r.p.m. 1/min - 2 POLES

MODEL	CODE	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA				HYDRAULIC DATA																			
				VOLTAGE 50 Hz	P2 NOMINAL		In A	Q=m³h	0	2,4	3,6	4,8	6	7,2	8,4	9,6	12	14,4	16,8	18	24	30	36	48	60
					kW	HP		Q=l/min	0	40	60	80	100	120	140	160	200	240	280	300	400	500	600	800	1000
KLM 40-300 M	105110404	250	DN 40	1 x 220 - 240 V ~	0,25	0,33	1,06	H (m)	3,4	3,2	3	2,6	2,3	1,7													
KLM 40-300 T	105110014	250	DN 40	3 x 230 - 400 V ~	0,25	0,33	0,9-0,55		3,4	3,2	3	2,6	2,3	1,7													
KLP 40-600 M	105110414	250	DN 40	1 x 220 - 240 V ~	0,37	0,5	3		8,2			7,8	7,4	6,9	6,3	5,7	4										
KLP 40-600 T	105110214	250	DN 40	3 x 230 - 400 V ~	0,37	0,5	1,7-1		8,2			7,8	7,4	6,9	6,3	5,7	4										
KLP 40-900 M	105110424	250	DN 40	1 x 220 - 240 V ~	0,37	0,5	3,2		10,2			9,8	9,4	8,8	8,2	7,4	5,6										
KLP 40-900 T	105110224	250	DN 40	3 x 230 - 400 V ~	0,37	0,5	1,9-1,1		10,2			9,8	9,4	8,8	8,2	7,4	5,6										
KLP 40-1200 M	105110434	250	DN 40	1 x 220 - 240 V ~	0,55	0,75	3,4		13,7			13,2	12,6	11,9	11,2	10,4	8,4	5,9									
KLP 40-1200 T	105110234	250	DN 40	3 x 230 - 400 V ~	0,55	0,75	2-1,2		13,7			13,2	12,6	11,9	11,2	10,4	8,4	5,9									
KLM 50-300 M	105110444	280	DN 50	1 x 220 - 240 V ~	0,25	0,33	1,13		2,9			2,8	2,7	2,6	2,5	2,3	1,8	1,3									
KLM 50-300 T	105110054	280	DN 50	3 x 230 - 400 V ~	0,25	0,33	1-0,6		2,9			2,8	2,7	2,6	2,5	2,3	1,8	1,3									
KLM 50-600 M	105110454	280	DN 50	1 x 220 - 240 V ~	0,25	0,33	1,4		5,4			5,2	4,9	4,7	4,5	4,3	3,8	3,2	2,5	2							
KLM 50-600 T	105110074	280	DN 50	3 x 230 - 400 V ~	0,25	0,33	1,2-0,7		5,4			5,2	4,9	4,7	4,5	4,3	3,8	3,2	2,5	2							
KLP 50-900 M	105110464	280	DN 50	1 x 220 - 240 V ~	0,75	1	3,3		8,9				8,8	8,7	8,6	8,5	8	7,4	6,6	6,3	3,9						
KLP 50-900 T	60145205	280	DN 50	3 x 230 - 400 V ~	0,75	1	2,8/1,6		8,9				8,8	8,7	8,6	8,5	8	7,4	6,6	6,3	3,9						
KLP 50-1200 M	105110474	280	DN 50	1 x 220 - 240 V ~	0,75	1	4,2		12				12	11,8	11,6	11	10,5	9,8	9	8,6	6,2						
KLP 50-1200 T	60145206	280	DN 50	3 x 230 - 400 V ~	0,75	1	3,2/1,8		12				12	11,8	11,6	11	10,5	9,8	9	8,6	6,2						
KLM 65-300 T	105110094	340	DN 65	3 x 230 - 400 V ~	0,25	0,33	1/0,6		3,1				3	2,9	2,8	2,7	2,6	2,4	2	1,8							
KLM 65-600 T	105110114	340	DN 65	3 x 230 - 400 V ~	0,37	0,5	1,2/0,7		5,5						5,3	5	4,7	4,6	4	3,8	2,5						
KLP 65-900 T	60145819	340	DN 65	3 x 230 - 400 V ~	1,1	1,5	4/2,35		9							8,8	8,6	8,5	8,1	8	7	5,5	3,5				
KLP 65-1200 T	60145820	340	DN 65	3 x 230 - 400 V ~	1,1	1,5	4,7/2,7		12								11,6	11,4	11,2	11	10	8,8	6,7				
KLM 80-300 T	105110134	360	DN 80	3 x 230 - 400 V ~	0,25	0,33	1,2/0,7		3,3								3,2	3,1	3	2,9	2,7	2	1,2				
KLM 80-600 T	60146973	360	DN 80	3 x 230 - 400 V ~	0,75	1	2,8/1,6		5,7									5,8	5,8	5,7	5,5	5	4,3	2,5			
KLP 80-900 T	60145915	360	DN 80	3 x 230 - 400 V ~	1,84	2,5	5,2/3		8,8									8,7	8,6	8,5	8,4	8	7,7	6			
KLP 80-1200 T	60145917	360	DN 80	3 x 230 - 400 V ~	1,84	2,5	6,6/3,8		11,8												11,6	11,5	11	9,7	7,2		

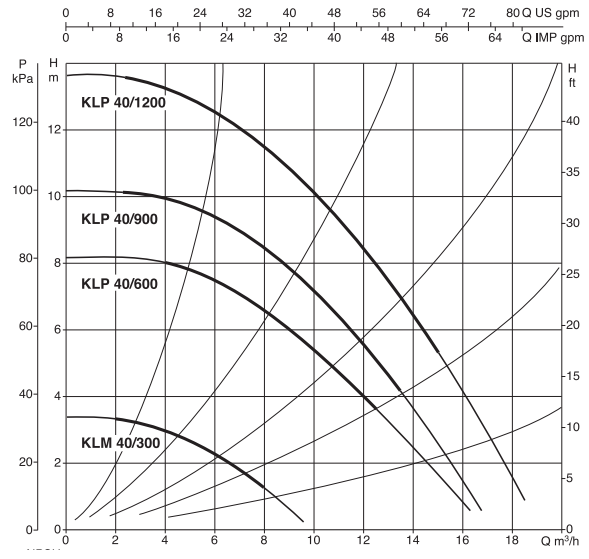
TECHNICAL DATA - DKLM/DKLP *TWIN FLANGED*

DKLM - 1400 r.p.m. 1/min - 4 POLES
DKLP - 2800 r.p.m. 1/min - 2 POLES

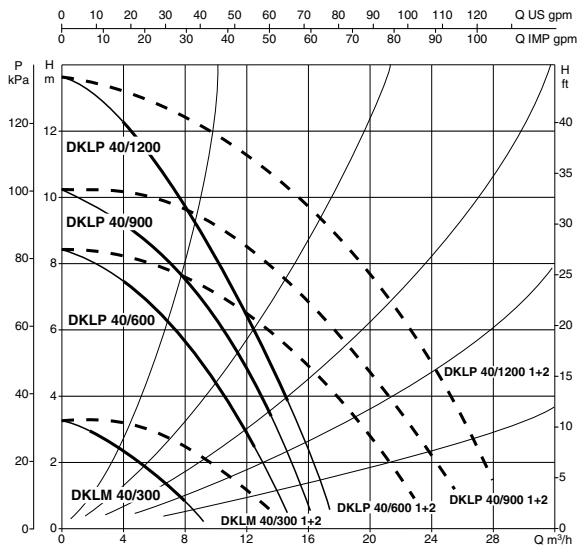
MODEL	CODE	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA				HYDRAULIC DATA																	
				VOLTAGE 50 Hz	P2 NOMINAL		In	Q=m³h	0	2,4	3,6	4,8	6	7,2	8,4	9,6	12	14,4	16,8	18	24	30	36	48	60
					kW	HP	A	Q=l/min	0	40	60	80	100	120	140	160	200	240	280	300	400	500	600	800	1000
DKLM 40-300 M	105210404	250	DN 40	1 x 220 - 240 V ~	0,25	0,33	1,06		3,4	3,2	3	2,6	2,3	1,7											
DKLM 40-300 T	105210014	250	DN 40	3 x 230 - 400 V ~	0,25	0,33	0,9-0,55		3,4	3,2	3	2,6	2,3	1,7											
DKLP 40-600 M	105210414	250	DN 40	1 x 220 - 240 V ~	0,37	0,5	3		8,2			7,8	7,4	6,9	6,3	5,7	4								
DKLP 40-600 T	105210214	250	DN 40	3 x 230 - 400 V ~	0,37	0,5	1,7-1		8,2			7,8	7,4	6,9	6,3	5,7	4								
DKLP 40-900 M	105210424	250	DN 40	1 x 220 - 240 V ~	0,37	0,5	3,2		10,2			9,8	9,4	8,8	8,2	7,4	5,6								
DKLP 40-900 T	105210224	250	DN 40	3 x 230 - 400 V ~	0,37	0,5	1,9-1,1		10,2			9,8	9,4	8,8	8,2	7,4	5,6								
DKLP 40-1200 M	105210434	250	DN 40	1 x 220 - 240 V ~	0,55	0,75	3,4		13,7			13,2	12,6	11,9	11,2	10,4	8,4	5,9							
DKLP 40-1200 T	105210234	250	DN 40	3 x 230 - 400 V ~	0,55	0,75	2-1,2		13,7			13,2	12,6	11,9	11,2	10,4	8,4	5,9							
DKLM 50-300 M	105210444	280	DN 50	1 x 220 - 240 V ~	0,25	0,33	1,13		2,9			2,8	2,7	2,6	2,5	2,3	1,8	1,3							
DKLM 50-300 T	105210054	280	DN 50	3 x 230 - 400 V ~	0,25	0,33	1-0,6		2,9			2,8	2,7	2,6	2,5	2,3	1,8	1,3							
DKLM 50-600 M	105210454	280	DN 50	1 x 220 - 240 V ~	0,25	0,33	1,4		5,4			5,2	4,9	4,7	4,5	4,3	3,8	3,2	2,5	2					
DKLM 50-600 T	105210074	280	DN 50	3 x 230 - 400 V ~	0,25	0,33	1,2-0,7	H (m)	5,4			5,2	4,9	4,7	4,5	4,3	3,8	3,2	2,5	2					
DKLP 50-900 M	105210464	280	DN 50	1 x 220 - 240 V ~	0,75	1	3,3		8,9				8,8	8,7	8,6	8,5	8	7,4	6,6	6,3	3,9				
DKLP 50-900 T	60145209	280	DN 50	3 x 230 - 400 V ~	0,75	1	2,8/1,6		8,9				8,8	8,7	8,6	8,5	8	7,4	6,6	6,3	3,9				
DKLP 50-1200 M	105210474	280	DN 50	1 x 220 - 240 V ~	0,75	1	4,2		12				12	11,8	11,6	11	10,5	9,8	9	8,6	6,2				
DKLP 50-1200 T	60145210	280	DN 50	3 x 230 - 400 V ~	0,75	1	3,2/1,8		12				12	11,8	11,6	11	10,5	9,8	9	8,6	6,2				
DKLM 65-300 T	105210094	340	DN 65	3 x 230 - 400 V ~	0,25	0,33	1/0,6		3,1				3	2,9	2,8	2,7	2,6	2,4	2	1,8					
DKLM 65-600 T	105210114	340	DN 65	3 x 230 - 400 V ~	0,37	0,5	1,2/0,7		5,5						5,3	5	4,7	4,6	4	3,8	2,5				
DKLP 65-900 T	60145826	340	DN 65	3 x 230 - 400 V ~	1,1	1,5	4/2,35		9							8,8	8,6	8,5	8,1	8	7	5,5	3,5		
DKLP 65-1200 T	60145827	340	DN 65	3 x 230 - 400 V ~	1,1	1,5	4,7/2,7		12								11,6	11,4	11,2	11	10	8,8	6,7		
DKLM 80-300 T	105210134	360	DN 80	3 x 230 - 400 V ~	0,25	0,33	1,2/0,7		3,3								3,2	3,1	3	2,9	2,7	2	1,2		
DKLM 80-600 T	60146983	360	DN 80	3 x 230 - 400 V ~	0,75	1	2,8/1,6		5,7									5,8	5,8	5,7	5,5	5	4,3	2,5	
DKLP 80-900 T	60145933	360	DN 80	3 x 230 - 400 V ~	1,84	2,5	5,2/3		8,8									8,7	8,6	8,5	8,4	8	7,7	6	
DKLP 80-1200 T	60145935	360	DN 80	3 x 230 - 400 V ~	1,84	2,5	6,6/3,8		11,8												11,6	11,5	11	9,7	7,2

Blank counterflange supplied as standard for twin version

KLM - KLP 40

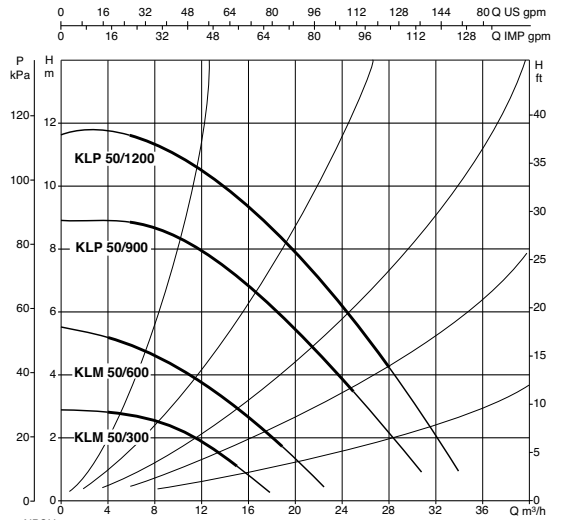


DKLM - DKLP 40

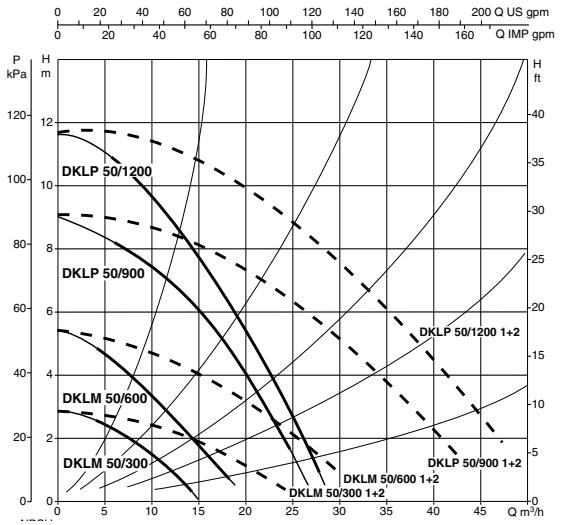


KLM / KLP / DKLM / DKLP
IN-LINE PUMPS

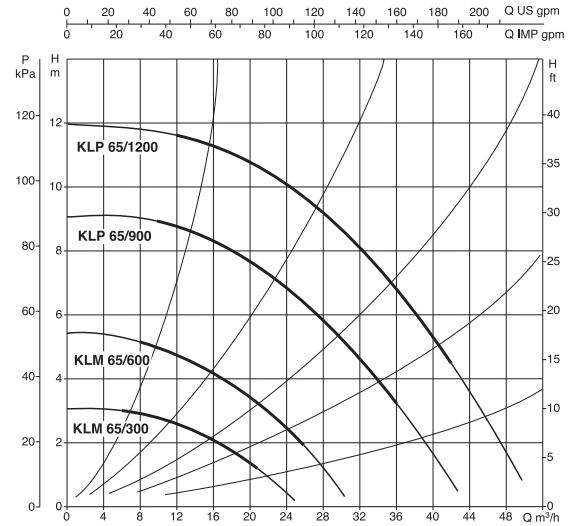
KLM - KLP 50



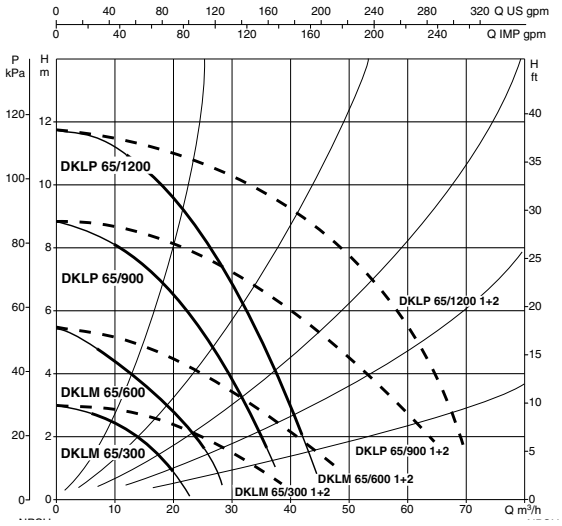
DKLM - DKLP 50



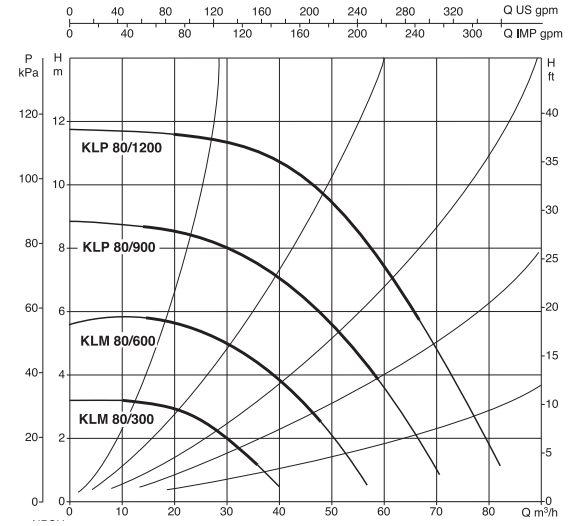
KLM - KLP 65



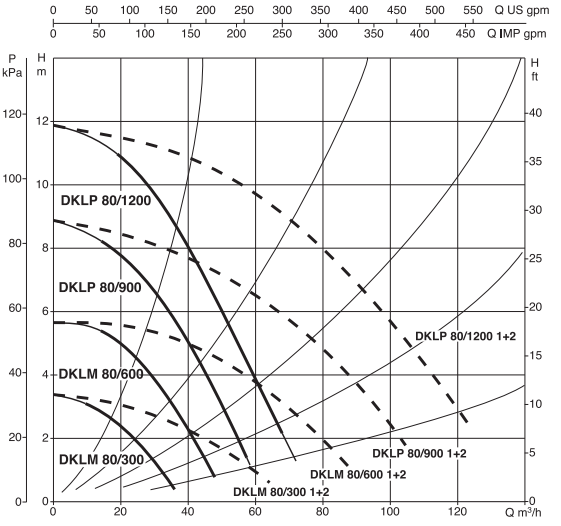
DKLM - DKLP 65



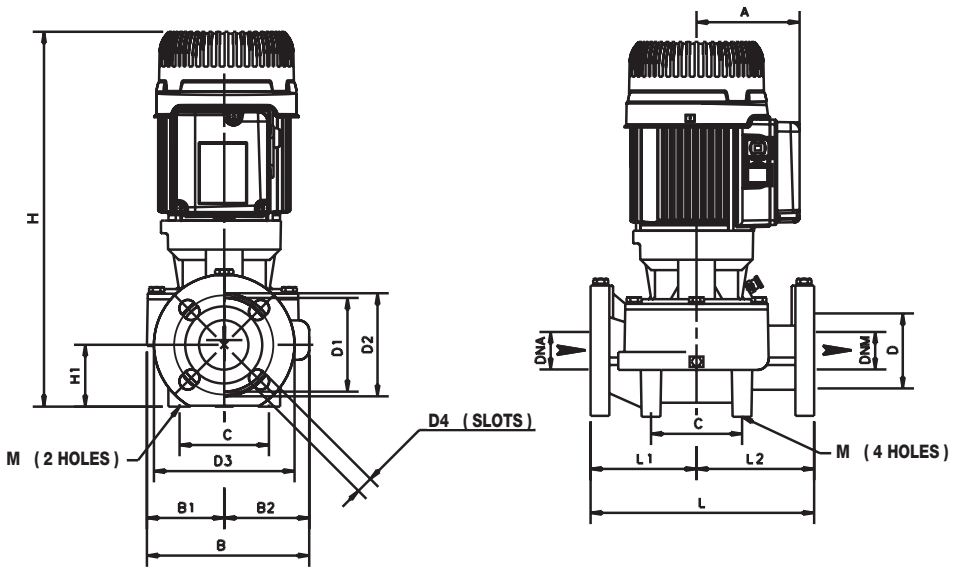
KLM - KLP 80



DKLM - DKLP 80



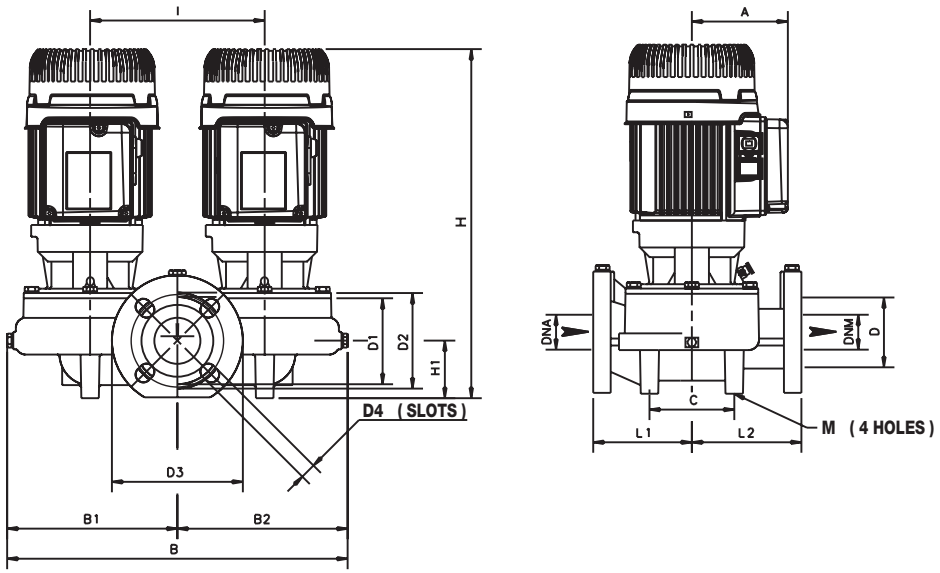
DIMENSIONS AND WEIGHTS - KLM/KLP



MODEL	A	B	B1	B2	C	DNA	DNM	D	D1	D2	D3	D4	H	H1	L	L1	L2	M	PACKAGING DIMESIONS			WEIGHT KG	Q.TY X PALLET
																			L/A	L/B	H		
KLM 40/300	110	179	82	97	100	40	40	80	100	110	150		395	66	250	125	125		470	280	330	21,1	12
KLP 40/600	110	179	82	97	100	40	40	80	100	110	150	4 SLOTS 18x23	395	66	250	125	125	2 HOLES 10	470	280	330	22,5	12
KLP 40/900	110	179	82	97	100	40	40	80	100	110	150		395	66	250	125	125		470	280	330	22,5	12
KLP 40/1200	110	179	82	97	100	40	40	80	100	110	150		395	66	250	125	125		470	280	330	23,2	12
KLM 50/300	110	204	94	110	100	50	50	90	110	125	165		414	73	280	140	170		470	280	330	24,6	12
KLM 50/600	110	204	94	110	100	50	50	90	110	125	165	4 SLOTS 18x25,5	414	73	280	140	170	2 HOLES 10	470	280	330	24,6	12
KLP 50/900	110	204	94	110	100	50	50	90	110	125	165		414	73	280	140	170		470	280	330	26,2	12
KLP 50/1200	110	204	94	110	100	50	50	90	110	125	165		414	73	280	140	170		470	280	330	26,3	12
KLM 65/300	110	228	99	129	100	65	65	110	130	145	185		433	82	340	170	170		510	310	470	29,3	8
KLM 65/600	110	228	99	129	100	65	65	110	130	145	185	4 SLOTS 18x25,5	433	82	340	170	170	2 HOLES 12	510	310	470	29,5	8
KLP 65/900	110	228	99	129	100	65	65	110	130	145	185		433	82	340	170	170		510	310	470	35	8
KLP 65/1200	110	228	99	129	100	65	65	110	130	145	185		433	82	340	170	170		510	310	470	35	8
KLM 80/300	110	229	99	130	115	80	80	128	150	160	200		453	97	360	190	170		510	310	470	32,5	8
KLM 80/600	110	229	99	130	115	80	80	128	150	160	200	4 SLOTS 18x23	453	97	360	190	170	2 HOLES 12	510	310	470	36,7	8
KLP 80/900	110	229	99	130	115	80	80	128	150	160	200		453	97	360	190	170		510	310	470	39,6	8
KLP 80/1200	110	229	99	130	115	80	80	128	150	160	200		453	97	360	190	170		510	310	470	40	8

DAB PUMPS reserves the right to make modifications without notice

DIMENSIONS AND WEIGHTS - KLM/KLP



MODEL	A	B	B1	B2	C	DNA	DNM	D	D1	D2	D3	D4	H	H1	I	L	L1	L2	M	PACKAGING DIMESIONS			WEIGHT KG	Q.TY X PALLET
																				L/A	L/B	H		
DKLM 40/300	110	372	185	187	100	40	40	80	100	110	150		400	55	200	250	125	125		530	280	470	38,2	8
DKLP 40/600	110	372	185	187	100	40	40	80	100	110	150	4 slots 18x23	400	55	200	250	125	125	4 holes 10	530	280	470	41,8	8
DKLP 40/900	110	372	185	187	100	40	40	80	100	110	150		400	55	200	250	125	125		530	280	470	41,8	8
DKLP 40/1200	110	372	185	187	100	40	40	80	100	110	150		400	55	200	250	125	125		530	280	470	41,8	8
DKLM 50/300	110	434	217	217	120	50	50	90	110	125	165		410	73	240	280	140	140		540	420	610	51	2
DKLM 50/600	110	434	217	217	120	50	50	90	110	125	165	4 slots 18x25,5	410	73	240	280	140	140	4 holes 14	540	420	610	52	2
DKLP 50/900	110	434	217	217	120	50	50	90	110	125	165		410	73	240	280	140	140		540	420	610	54	2
DKLP 50/1200	110	434	217	217	120	50	50	90	110	125	165		410	73	240	280	140	140		540	420	610	54	2
DKLM 65/300	110	455	226	229	140	65	65	110	130	145	185		430	82	240	340	170	170		540	420	610	55	2
DKLM 65/600	110	455	226	229	140	65	65	110	130	145	185	4 slots 18x25,5	430	82	240	340	170	170	4 holes 14	540	420	610	62	2
DKLP 65/900	110	455	226	229	140	65	65	110	130	145	185		430	82	240	340	170	170		540	420	610	66	2
DKLP 65/1200	110	455	226	229	140	65	65	110	130	145	185		430	82	240	340	170	170		540	420	610	66	2
DKLM 80/300	110	463	230	233	150	80	80	128	150	150	200		445	97	240	360	190	170		540	420	610	62	2
DKLM 80/600	110	463	230	233	150	80	80	128	150	150	200	4 slots 18x23	445	97	240	360	190	170	4 holes 14	540	420	610	70	2
DKLP 80/900	110	463	230	233	150	80	80	128	150	150	200		445	97	240	360	190	170		540	420	610	76	2
DKLP 80/1200	110	463	230	233	150	80	80	128	150	150	200		445	97	240	360	190	170		540	420	610	76	2

CM / CM-G - 4 POLES

MODEL	Q=m³h	0	1,2	2,4	3	3,6	4,8	6	12	18	24	30	36	42	48
	Q=l/min	0	20	40	50	60	80	100	200	300	400	500	600	700	800
CM 40-440 T	H (m)	4,4	4,4	4,3	4,3	4,2	3,8	3,5							
CM 40-540 T		5,4	5,4	5,3	5,2	5,1	4,8	4,5							
CM 40-670 T		6,7	6,7	6,7	6,6	6,5	6,2	5,8							
CM 40-870 T		8,7	8,7	8,6	8,6	8,5	8,2	7,9							
CM 40-1300 T					13	12,9	12,5	12,4	9,8	6					
CM 40-1450 T							14,4	14,3	11,8	8					
CM 50-510 T						5	4,6	4,2							
CM 50-630 T						6,2	5,8	5,5							
CM 50-780 T						7,7	7,4	7,1							
CM 50-1000 T						10,1	9,8	9,6	6,8						
CM 50-1270 T								12,7	11,2	8,5					
CM 50-1420 T								14,2	13	10	6				
CM-G 65-420/A/BAQE/0,25		4,2						4,1	3,7	3	2,1				
CM-G 65-540/A/BAQE/0,37		5,4						5,3	5	4,4	3,5				
CM-G 65-660/A/BAQE/0,55		6,6						6,5	6,2	5,7	4,8				
CM-G 65-760/A/BAQE/0,55		7,6						7,7	7,6	6,7	5,5				
CM-G 65-920/A/BAQE/0,75		9,2						9,2	9	8,4	7,4	5,7			
CM-G 65-1080/A/BAQE/1,1		10,8							10,8	10,6	10,2	9,5	8,6	7,3	
CM-G 65-1200/A/BAQE/1,5		12							12	11,9	11,5	10,8	10,1	8,9	
CM-G 65-1530/A/BAQE/2,2		15,3							15,3	15,2	14,8	14	13,3	12,1	10,8
CM-G 65-1680/A/BAQE/3		16,8							16,8	16,5	16,1	15,5	14,6	13,6	12,4
CM-G 65-2380/A/BAQE/4		23,8							24	23,8	23,4	22,7	21,6	20,4	19

MODEL	Q=m³h	0	12	18	24	30	36	42	48	60	72	84	90	102	114	120	150	180
	Q=l/min	0	200	300	400	500	600	700	800	1000	1200	1400	1500	1700	1900	2000	2500	3000
CM 80-550/A/BAQE/0,55	H (m)	5,5	5,2	5	4,7	4,3	3,9	3,3	2,6									
CM-G 80-650/A/BAQE/0,75		6,5	6,3	6,1	5,8	5,5	5	4,5	3,9									
CM-G 80-740/A/BAQE/1,1		7,4	7,4	7,3	7,2	6,9	6,7	6,3	5,8	4,4								
CM-G 80-890/A/BAQE/1,5		8,9		8,8	8,7	8,6	8,3	8	7,6	6,6								
CM-G 80-1050/A/BAQE/2,2		10,5			10,4	10,3	10,2	9,9	9,6	8,8								
CM-G 80-1530/A/BAQE/3		15,3			15,4	15,3	15	14,6	14,1	12,9	11,3							
CM-G 80-1700/A/BAQE/4		17			17,2	17,2	17,1	16,8	16,5	15,7	14,3	12,6						
CM-G 80-2410/A/BAQE/5,5		24,1			23,8	23,6	23,3	22,8	22,3	20,8	18,6							
CM-G 80-2700/A/BAQE/7,5		27						26	25,5	24,5	22,7	20,2	19					
CM-G 80-3420/A/BAQE/11		34,2						33,2	33	32	30,7	29	28	25	21,7			
CM-G 100-510/A/BAQE/0,75		5,1	4,9	4,8	4,7	4,7	4,4	4,2	3,8	3								
CM-G 100-650/A/BAQE/1,1		6,5	6,4	6,4	6,3	6,2	6	5,8	5,5	4,6								
CM-G 100-660/A/BAQE/1,5		6,6				6,4	6,3	6,2	6	5,6	5	4,5	4,3	3,7	3			
CM-G 100-865/A/BAQE/2,2		8,6				8,5	8,5	8,3	8,2	7,7	7,2	6,7	6,3	5,7	4,9	4,6		
CM-G 100-1020/A/BAQE/3		10,2				10,2	10,1	10	9,9	9,7	9,3	8,8	8,6	7,9	7,2	6,7		
CM-G 100-1320/A/BAQE/4		13,2						13,2	13,2	12,9	12,4	11,7	11,3	10,4	9,3	8,7		
CM-G 100-1650/A/BAQE/5,5		16,5						16,6	16,5	16,2	16	15,4	15	14,3	13,3	12,7		
CM-G 100-2050/A/BAQE/7,5		20,5						21	21	20,7	20	19,5	19	18	16,7	16		
CM-G 100-2550/A/BAQE/11		25,5						25,5	25,5	25,1	25	24,2	24	23	21,5	21		
CM-G 100-3290/A/BAQE/15		32,9								33	32,8	32	31,6	30,5	29,5	28,9	24	
CM-G 100-3680/A/BAQE/18,5		36,8								37	36,8	36,5	36,1	35,5	34,5	34	29,5	
CM-G 100-4100/A/BAQE/22		41								41,4	41	40,6	40,5	39,8	39	38,5	34,8	29

DAB PUMPS reserves the right to make modifications without notice

IN-LINE PUMPS
PERFORMANCE RANGE

CM / CM-G - 4 POLES

MODEL	Q=m³h	0	60	72	84	90	102	114	120	150	180	210
	Q=l/min	0	1000	1200	1400	1500	1700	1900	2000	2500	3000	3500
CM-G 125-1075/A/BAQE/4	H (m)	10,8	10,1	10	9,7	9,5	9,1	8,5	8,3	7	5,4	
CM-G 125-1270/A/BAQE/5,5		12,7	12,6	12,5	12,4	12,3	12	11,5	11,4	10,1	8,5	
CM-G 125-1560/A/BAQE/7,5		15,6	15,4	15,3	15,1	15	14,7	14,5	14,3	13,3	11,6	9,8
CM-G 125-2100/A/BAQE/11		21	21,5	21,5	21,2	21	20,9	20	19,8	18	16	
CM-G 125-2550/A/BAQE/15		25,5	25,5	25,5	25,1	25,1	25	24,5	24	22,5	20,5	17,5
CM-G 125-3200/A/BAQE/18,5		32			31,5	31,4	31	30,5	28,8	26	23	
CM-G 125-3600/A/BAQE/22		36			35,5	35,2	35	34,6	33,2	31	28	24
CM-G 125-4022/A/BAQE/30		40,2			39,7	39,3	39,1	38,7	37,1	34,6	31,3	26,8

MODEL	Q=m³h	0	84	90	102	114	120	150	180	210	250	300	360	390	420
	Q=l/min	0	1400	1500	1700	1900	2000	2500	3000	3500	4167	5000	6000	6500	7000
CM-G 150-955/A/BAQE/5,5	H (m)	9,6		10,1	10,1	10	10	9,8	9,6	9,4	8	5,9			
CM-G 150-1322/A/BAQE/7,5		13,2		13	12,8	12,6	12,5	11,9	11,1	10,1	8,5				
CM-G 150-1600/A/BAQE/11		16			15,5	15,5	15,4	14,8	14	13	11	9,2			
CM-G 150-1950/A/BAQE/15		19,5			19,5	19,4	19,3	19,2	18,7	17,8	16	14,1	10,9		
CM-G 150-2200/A/BAQE/18,5		22			22	21,9	21,8	21,7	21,4	20,5	19	17,2	14	12	
CM-G 150-2405/A/BAQE/22		24,1			23,9	23,9	23,8	23,6	23,2	22,7	21,8	20,2	17,5	15,6	14

DCM - 4 POLES

MODEL	Q=m³h	1,8	2,4	3,0	4,5	6	9	10,5	12	13,5	15	18
	Q=l/min	30	40	50	75	100	150	175	200	225	250	300
DCM 40/380 T	H (m)	3,8	3,7	3,6	3,15	2,6						
DCM 40/460 T			4,6	4,5	4,1	3,6	2,2					
DCM 40/620 T				6,2	6	5,8	4,5	3,9	3			
DCM 50/460 T						4,6	4,3	4,1	3,9	3,6	3,3	2,4
DCM 50/630 T						6,3	6,1	6	5,8	5,5	5,2	4,6
DCM 50/880 T						8,8	8,3	8	7,7	7,3	6,9	5,9

MODEL	Q=m³h	0	6	12	18	24	30	36	42	48	54
	Q=l/min	0	100	200	300	400	500	600	700	800	900
DCM-G 65-420/A/BAQE/0,25	H (m)	4,2	4,1	3,5	2,7	1,7					
DCM-G 65-540/A/BAQE/0,37		5,4	5,3	4,8	3,9	2,8					
DCM-G 65-660/A/BAQE/0,55		6,5	6,4	5,9	5,1	3,8					
DCM-G 65-760/A/BAQE/0,55		7,5	7,6	7,3	6,0	4,3					
DCM-G 65-920/A/BAQE/0,75		9,1	9,1	8,8	7,8	6,4	4,5				
DCM-G 65-1080/A/BAQE/1,1		10,8		10,7	10,4	9,7	8,8	7,7	6,2		
DCM-G 65-1200/A/BAQE/1,5		12,0		11,9	11,6	11,0	10,0	9,0	7,6		
DCM-G 65-1530/A/BAQE/2,2		15,3		15,2	15,0	14,4	13,4	12,5	11,0	9,5	8,0
DCM-G 65-1680/A/BAQE/3		16,8		16,7	16,3	15,7	14,9	13,7	12,4	11,0	9,3
DCM-G 65-2380/A/BAQE/4		23,8		23,9	23,5	22,8	21,8	20,3	18,6	16,8	14,5

DCM-G - 4 POLES

MODEL	Q=m³h	0	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114
	Q=l/min	0	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900
DCM-G 80-550/A/BAQE/0,55	H (m)	5,5	5,1	4,7	4,1	3,4	2,6	1,9	1,1									
DCM-G 80-650/A/BAQE/0,75		6,5	6,2	5,8	5,2	4,5	3,7	2,9	2,1									
DCM-G 80-740/A/BAQE/1,1		7,1			6,8	6,3	5,9	5,1	4,3	3,5	2,5							
DCM-G 80-890/A/BAQE/1,5		8,5			8,3	8,0	7,5	6,8	6,1	5,3	4,4	3,5						
DCM-G 80-1050/A/BAQE/2,2		10,1			10,1	9,9	9,5	9,0	8,4	7,7	6,9			3,8				
DCM-G 80-1530/A/BAQE/3		14,4			14,1	13,7	13,0	12,2	11,3	10,2	9,2	8,0	6,8					
DCM-G 80-1700/A/BAQE/4		16,0			15,7	15,5	15,3	14,6	14,0	13,2	12,3	11,2	10,0	8,9	7,7			
DCM-G 80-2410/A/BAQE/5,5		24,1					23,3	22,7	22,0	21,1	20,2	18,9	17,6	16,2				
DCM-G 80-2700/A/BAQE/7,5		27,0					26,1	26,1	25,5	24,9	24,2	23,2	22,1	20,7	19,3	17,9		
DCM-G 80-3420/A/BAQE/11		34,2					33,3	33,3	32,9	32,3	31,8	30,9	29,9	29,0	27,8	24,4	22,0	20,8

MODEL	Q=m³h	0	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180
	Q=l/min	0	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000
DCM-G 100-510/A/BAQE/0,75	H (m)	4,9	4,8	4,7	4,6	4,5	4,0	3,7	3,2	2,6	2,1										
DCM-G 100-650/A/BAQE/1,1		6,3	6,3	6,3	6,1	5,9	5,5	5,1	4,6	4,0	3,3										
DCM-G 100-660/A/BAQE/1,5		6,6				6,4	6,2	6,0	5,8	5,6	5,3	4,9	4,5	4,1	3,7	3,4	2,6	1,8			
DCM-G 100-865/A/BAQE/2,2		8,6				8,5	8,4	8,1	8,0	7,7	7,4	7,0	6,6	6,1	5,7	5,2	4,2	3,2	2,8		
DCM-G 100-1020/A/BAQE/3		10,2				10,2	10,0	9,8	9,6	9,5	9,3	8,9	8,5	8,0	7,5	7,1	5,9	4,7	4,0		
DCM-G 100-1320/A/BAQE/4		13,2						13,2	13,1	13,0	12,8	12,4	11,9	11,3	10,8	10,2	8,8	7,4	6,6		
DCM-G 100-1650/A/BAQE/5,5		16,5						16,5	16,4	16,3	16,0	15,8	15,5	14,9	14,4	13,7	12,4	10,8	10,0		
DCM-G 100-2050/A/BAQE/7,5		19,3								19,2	18,8	18,5	17,9	17,6	17,2	16,6	15,5	14,1	13,3		
DCM-G 100-2550/A/BAQE/11		24,0								23,3	22,8	22,6	22,4	21,9	21,4	21,0	19,8	18,1	17,5		
DCM-G 100-3290/A/BAQE/15		30,9								30,5	30,3	30,1	29,9	29,4	28,8	28,3	27,0	25,8	25,1	20,0	
DCM-G 100-3680/A/BAQE/18,5		34,6								34,2	34,0	33,7	33,5	33,1	32,9	32,4	31,5	30,2	29,5	24,5	
DCM-G 100-4100/A/BAQE/22		41,0								41,4	41,4	41,2	41,0	40,8	40,6	40,5	39,8	39,0	38,5	34,8	29,0

MODEL	Q=m³h	0	60	66	72	78	84	90	102	114	120	150	180	210
	Q=l/min	0	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500
DCM-G 125-1075/A/BAQE/4	H (m)	10,0	9,5	9,4	9,2	9,0	8,7	8,4	7,7	6,8	6,5	4,4	2,4	
DCM-G 125-1270/A/BAQE/5,5		11,7	11,8	11,7	11,5	11,4	11,1	10,8	10,2	9,2	8,9	6,4	3,8	
DCM-G 125-1560/A/BAQE/7,5		14,4	14,6	14,6	14,4	14,2	14,0	13,8	13,2	12,7	12,3	10,2	7,5	4,9
DCM-G 125-2100/A/BAQE/11		20,1					19,9	19,6	19,3	18,2	17,8	15,4	12,7	
DCM-G 125-2550/A/BAQE/15		24,5					23,8	23,7	23,4	22,7	22,1	20,0	17,4	13,9
DCM-G 125-3200/A/BAQE/18,5		30,7					29,6	29,3	28,6	27,7	25,9	22,2	18,3	
DCM-G 125-3600/A/BAQE/22		34,5					33,7	33,3	32,8	32,1	30,6	27,6	23,7	19,1
DCM-G 125-4022/A/BAQE/30		39,0					38,9	38,5	37,6	36,6	36,1	33,2	29,5	24,7

MODEL	Q=m³h	0	90	102	114	120	150	180	210	240	250	270	330	360	390	420
	Q=l/min	0	1500	1700	1900	2000	2500	3000	3500	4000	4167	4500	5500	6000	6500	7000
DCM-G 150-955/A/BAQE/5,5 *	H (m)	9,6	10,1	10,1	10,0	9,5	8,7	7,7	6,8	5,9	5,0	4,6	4,0			
DCM-G 150-1322/A/BAQE/7,5 *		13,2	13,0	12,8	12,6	12,5	11,9	11,1	10,1	8,9	8,5					
DCM-G 150-1600/A/BAQE/11 *		16,0		15,5	15,5	15,4	14,8	14,0	13,0	11,8	11,0	10,5	9,2			
DCM-G 150-1950/A/BAQE/15 *		19,5		19,5	19,4	19,3	19,2	18,7	17,8	16,8	16,0	15,5	14,1	12,5		
DCM-G 150-2200/A/BAQE/18,5 *		22,0		22,0	21,9	21,8	21,7	21,4	20,5	19,1	19,0	16,0	15,5	14,0	12,0	
DCM-G 150-2405/A/BAQE/22 *		24,1		23,9	23,9	23,8	23,6	23,2	22,7	22,1	21,8	19,2	18,6	17,5	15,6	14

* PRELIMINARY DATA.

NEW

CM / CM-G / DCM / DCM-G - 4 POLES
IN-LINE PUMPS



ENERGY EFFICIENCY IE2

CE HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM

Circulating pumps with in-line connections, suitable for civil and industrial installations for heating, air-conditioning and hot water for domestic use. Pump body, motor support, impeller and fan cover in cast iron.
PN 16 flanged suction and delivery connections with threaded holes for control pressure gauges.
Carbon/ceramic mechanical seal.
Three-phase, four-pole, asynchronous motor with external ventilation. To protect the motor it is advisable to use a thermal overload protection complying with the regulations in force.

Operating range: from 1,2 to 420 m³/h with head up to 41 metres.
Liquid temperature range: from -10°C to +140°C.
Pumped liquid characteristics:clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral.
Maximum ambient temperature: +40°C
Maximum working pressure: 16 bar (1600 kPa).
Protection level: IP 55
Insulation class: F
PN 16 counter flanges on request.

ACCESSORIES
PAG. 227

TECHNICAL DATA - CM/CM-G

MODEL	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA						
			VOLTAGE 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A	
						kW	HP	230	400
CM 40-440 T	390	DN 40	3 x 230 - 400 V ~	1480	0,28	0,75	1,00	1,8	1,0
CM 40-540 T	390	DN 40	3 x 230 - 400 V ~	1480	0,33	0,75	1,00	1,8	1,0
CM 40-670 T	390	DN 40	3 x 230 - 400 V ~	1480	0,39	0,75	1,00	1,8	1,1
CM 40-870 T	390	DN 40	3 x 230 - 400 V ~	1480	0,51	0,75	1,00	1,9	1,1
CM 40-1300 T	380	DN 40	3 x 230 - 400 V ~	1450	1,1	0,75	1,00	3,3	1,9
CM 40-1450 T	380	DN 40	3 x 230 - 400 V ~	1450	1,2	1,10	1,50	4,3	2,5
CM 50-510 T	425	DN 50	3 x 230 - 400 V ~	1480	0,35	0,75	1,00	1,8	1,0
CM 50-630 T	425	DN 50	3 x 230 - 400 V ~	1480	0,5	0,75	1,00	1,9	1,1
CM 50-780 T	425	DN 50	3 x 230 - 400 V ~	1470	0,5	0,75	1,00	1,9	1,1
CM 50-1000 T	425	DN 50	3 x 230 - 400 V ~	1470	0,64	0,75	1,00	2,1	1,2
CM 50-1270 T	400	DN 50	3 x 230 - 400 V ~	1450	1,4	1,10	1,50	4,3	2,5
CM 50-1420 T	400	DN 50	3 x 230 - 400 V ~	1450	1,4	1,10	1,50	4,3	2,5
CM-G 65-420/A/BAQE/0,25	360	DN 65	3 x 230 - 400 V ~	1400	0,4	0,25	0,33	1,5	0,8
CM-G 65-540/A/BAQE/0,37	360	DN 65	3 x 230 - 400 V ~	1380	0,6	0,37	0,50	1,9	1,1
CM-G 65-660/A/BAQE/0,55	360	DN 65	3 x 230 - 400 V ~	1400	0,8	0,55	0,75	2,5	1,5
CM-G 65-760/A/BAQE/0,55	360	DN 65	3 x 230 - 400 V ~	1390	0,8	0,55	0,75	2,6	1,5
CM-G 65-920/A/BAQE/0,75	360	DN 65	3 x 230 - 400 V ~	1430	1,2	0,75	1,00	3,6	2,1
CM-G 65-1080/A/BAQE/1,1	475	DN 65	3 x 230 - 400 V ~	1435	1,6	1,10	1,50	5,3	3,0
CM-G 65-1200/A/BAQE/1,5	475	DN 65	3 x 230 - 400 V ~	1430	2,0	1,50	2,00	6,6	3,8
CM-G 65-1530/A/BAQE/2,2	475	DN 65	3 x 230 - 400 V ~	1455	2,9	2,20	3,00	9,3	5,4
CM-G 65-1680/A/BAQE/3	475	DN 65	3 x 400 V ~ [1]	1448	2,7	3,00	4,00	-	5,3
CM-G 65-2380/A/BAQE/4	475	DN 65	3 x 400 V ~ [1]	1449	4,3	4,00	5,50	-	7,5

TECHNICAL DATA - CM-G

MODEL	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA						
			VOLTAGE 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A	
						kW	HP	230	400
CM-G 80-550/A/BAQE/0,55	360	DN 80	3 x 230 - 400 V ~	1390	0,8	0,55	0,8	2,6	1,5
CM-G 80-650/A/BAQE/0,75	360	DN 80	3 x 230 - 400 V ~	1430	1,2	0,75	1,0	3,7	2,1
CM-G 80-740/A/BAQE/1,1	440	DN 80	3 x 230 - 400 V ~	1439	1,5	1,10	1,5	5,1	3,0
CM-G 80-890/A/BAQE/1,5	440	DN 80	3 x 230 - 400 V ~	1430	2,0	1,50	2,0	6,6	3,8
CM-G 80-1050/A/BAQE/2,2	440	DN 80	3 x 230 - 400 V ~	1450	2,4	2,20	3,0	8,3	4,8
CM-G 80-1530/A/BAQE/3	500	DN 80	3 x 400 V ~ [1]	1441	3,6	3,00	4,0	-	6,4
CM-G 80-1700/A/BAQE/4	500	DN 80	3 x 400 V ~ [1]	1452	3,9	4,00	5,5	-	7,1
CM-G 80-2410/A/BAQE/5,5	620	DN 80	3 x 400 V ~ [1]	1461	6,5	5,50	7,5	-	10,9
CM-G 80-2700/A/BAQE/7,5	620	DN 80	3 x 400 V ~ [1]	1463	8,7	7,50	10,0	-	14,7
CM-G 80-3420/A/BAQE/11	620	DN 80	3 x 400 V ~ [1]	1472	12,7	11,00	15,0	-	22,3
CM-G 100-510/A/BAQE/0,75	500	DN 100	3 x 230 - 400 V ~	1430	1,2	0,75	1,00	3,6	2,1
CM-G 100-650/A/BAQE/1,1	500	DN 100	3 x 230 - 400 V ~	1440	1,4	1,10	1,50	4,7	2,7
CM-G 100-660/A/BAQE/1,5	550	DN 100	3 x 230 - 400 V ~	1430	2,0	1,50	2,00	6,6	3,8
CM-G 100-865/A/BAQE/2,2	550	DN 100	3 x 230 - 400 V ~	1455	3,0	2,20	3,00	9,6	5,6
CM-G 100-1020/A/BAQE/3	550	DN 100	3 x 400 V ~ [1]	1441	3,6	3,00	4,00	-	6,4
CM-G 100-1320/A/BAQE/4	550	DN 100	3 x 400 V ~ [1]	1450	4,6	4,00	5,50	-	8,0
CM-G 100-1650/A/BAQE/5,5	550	DN 100	3 x 400 V ~ [1]	1464	6,9	5,50	7,50	-	11,6
CM-G 100-2050/A/BAQE/7,5	670	DN 100	3 x 400 V ~ [1]	1461	8,5	7,50	10,00	-	14,4
CM-G 100-2550/A/BAQE/11	670	DN 100	3 x 400 V ~ [1]	1470	12,1	11,00	15,00	-	21,4
CM-G 100-3290/A/BAQE/15	670	DN 100	3 x 400 V ~ [1]	1471	17,1	15,00	20,00	-	29,5
CM-G 100-3680/A/BAQE/18,5	670	DN 100	3 x 400 V ~ [1]	1470	19,6	18,50	25,00	-	32,4
CM-G 100-4100/A/BAQE/22	670	DN 100	3 x 400 V ~ [1]	1470	22,4	22,00	30,00	-	37,8
CM-G 125-1075/A/BAQE/4	620	DN 125	3 x 400 V ~ [1]	1455	5,1	4,00	5,50	-	8,7
CM-G 125-1270/A/BAQE/5,5	620	DN 125	3 x 400 V ~ [1]	1465	7,2	5,50	7,50	-	12,0
CM-G 125-1560/A/BAQE/7,5	620	DN 125	3 x 400 V ~ [1]	1469	9,5	7,50	10,00	-	15,9
CM-G 125-2100/A/BAQE/11	800	DN 125	3 x 400 V ~ [1]	1475	13,6	11,00	15,00	-	23,7
CM-G 125-2550/A/BAQE/15	800	DN 125	3 x 400 V ~ [1]	1470	16,3	15,00	20,00	-	28,3
CM-G 125-3200/A/BAQE/18,5	800	DN 125	3 x 400 V ~ [1]	1471	17,9	18,50	25,00	-	30,0
CM-G 125-3600/A/BAQE/22	800	DN 125	3 x 400 V ~ [1]	1470	22,4	22,00	30,00	-	37,8
CM-G 125-4022/A/BAQE/30	800	DN 125	3 x 400 V ~ [1]	1478	26,5	30,00	40,00	-	44,8
CM-G 150-955/A/BAQE/5,5	800	DN 150	3 x 400 V ~ [1]	1462	7,5	5,50	7,50	-	12,6
CM-G 150-1322/A/BAQE/7,5	800	DN 150	3 x 400 V ~ [1]	1464	8,9	7,50	10,00	-	15,1
CM-G 150-1600/A/BAQE/11	800	DN 150	3 x 400 V ~ [1]	1473	13,0	11,00	15,00	-	22,7
CM-G 150-1950/A/BAQE/15	800	DN 150	3 x 400 V ~ [1]	1472	17,5	15,00	20,00	-	30,1
CM-G 150-2200/A/BAQE/18,5	800	DN 150	3 x 400 V ~ [1]	1472	21,1	18,50	25,00	-	34,7
CM-G 150-2405/A/BAQE/22	800	DN 150	3 x 400 V ~ [1]	1470	23,8	22,00	30,00	-	39,8

DAB PUMPS reserves the right to make modifications without notice

TECHNICAL DATA - DCM/DCM-G

MODEL	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA						
			VOLTAGE 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A	
						kW	HP	230	400
DCM 40/380 T	340	DN 40	3x230-400 V ~	1450	0,41	0,25	0,33	1,6	0,9
DCM 40/460 T	340	DN 40	3x230-400 V ~	1450	0,41	0,25	0,33	1,6	0,9
DCM 40/620 T	340	DN 40	3x230-400 V ~	1450	0,41	0,25	0,33	1,6	0,9
DCM 50/460 T	365	DN 50	3x230-400 V ~	1450	0,41	0,25	0,33	1,6	0,9
DCM 50/630 T	365	DN 50	3x230-400 V ~	1450	0,57	0,37	0,50	2,1	1,2
DCM 50/880 T	410	DN 50	3x230-400 V ~	1450	0,79	0,50	0,70	2,9	1,7
DCM-G 65-420/A/BAQE/0,25	360	DN 65	3 x 230 - 400 V ~	1400	0,4	0,25	0,33	1,5	0,8
DCM-G 65-540/A/BAQE/0,37	360	DN 65	3 x 230 - 400 V ~	1380	0,6	0,37	0,50	1,9	1,1
DCM-G 65-660/A/BAQE/0,55	360	DN 65	3 x 230 - 400 V ~	1400	0,8	0,55	0,75	2,5	1,5
DCM-G 65-760/A/BAQE/0,55	360	DN 65	3 x 230 - 400 V ~	1390	0,8	0,55	0,75	2,6	1,5
DCM-G 65-920/A/BAQE/0,75	360	DN 65	3 x 230 - 400 V ~	1430	1,2	0,75	1,00	3,6	2,1
DCM-G 65-1080/A/BAQE/1,1	475	DN 65	3 x 230 - 400 V ~	1435	1,6	1,10	1,50	5,3	3,0
DCM-G 65-1200/A/BAQE/1,5	475	DN 65	3 x 230 - 400 V ~	1430	2,0	1,50	2,00	6,6	3,8
DCM-G 65-1530/A/BAQE/2,2	475	DN 65	3 x 230 - 400 V ~	1455	2,9	2,20	3,00	9,3	5,4
DCM-G 65-1680/A/BAQE/3	475	DN 65	3 x 400 V ~ [1]	1448	2,7	3,00	4,00		5,3
DCM-G 65-2380/A/BAQE/4	475	DN 65	3 x 400 V ~ [1]	1449	4,3	4,00	5,50		7,5
DCM-G 80-550/A/BAQE/0,55	360	DN 80	3 x 230 - 400 V ~	1390	0,8	0,55	0,8	2,6	1,5
DCM-G 80-650/A/BAQE/0,75	360	DN 80	3 x 230 - 400 V ~	1430	1,2	0,75	1,0	3,7	2,1
DCM-G 80-740/A/BAQE/1,1	440	DN 80	3 x 230 - 400 V ~	1439	1,5	1,10	1,5	5,1	3,0
DCM-G 80-890/A/BAQE/1,5	440	DN 80	3 x 230 - 400 V ~	1430	2,0	1,50	2,0	6,6	3,8
DCM-G 80-1050/A/BAQE/2,2	440	DN 80	3 x 230 - 400 V ~	1450	2,4	2,20	3,0	8,3	4,8
DCM-G 80-1530/A/BAQE/3	500	DN 80	3 x 400 V ~ [1]	1441	3,6	3,00	4,0		6,4
DCM-G 80-1700/A/BAQE/4	500	DN 80	3 x 400 V ~ [1]	1452	3,9	4,00	5,5		7,1
DCM-G 80-2410/A/BAQE/5,5	620	DN 80	3 x 400 V ~ [1]	1461	6,5	5,50	7,5		10,9
DCM-G 80-2700/A/BAQE/7,5	620	DN 80	3 x 400 V ~ [1]	1463	8,7	7,50	10,0		14,7
DCM-G 80-3420/A/BAQE/11	620	DN 80	3 x 400 V ~ [1]	1472	12,7	11,00	15,0		22,3

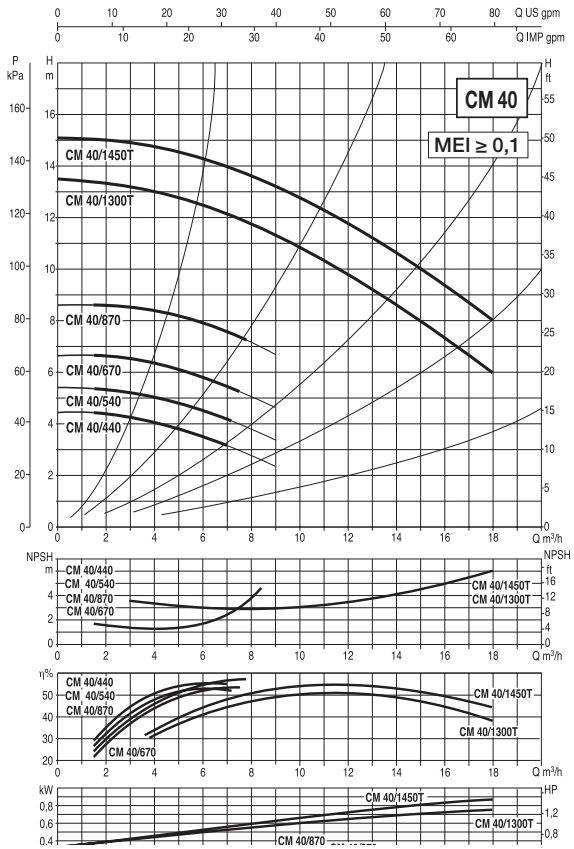
TECHNICAL DATA - DCM-G

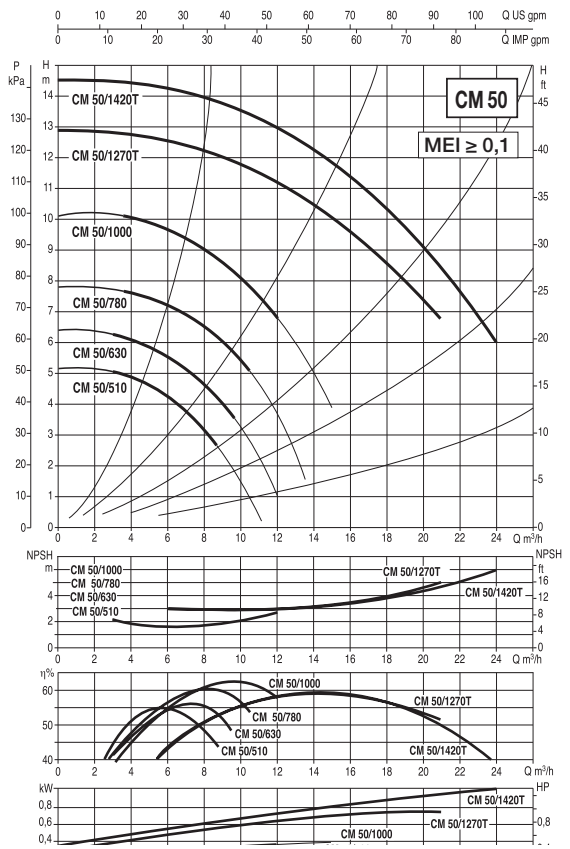
MODEL	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA						
			VOLTAGE 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A	
						kW	HP	230	400
DCM-G 100-510/A/BAQE/0,75	500	DN 100	3 x 230 - 400 V ~	1430	1,2	0,75	1,00	3,6	2,1
DCM-G 100-650/A/BAQE/1,1	500	DN 100	3 x 230 - 400 V ~	1440	1,4	1,10	1,50	4,7	2,7
DCM-G 100-660/A/BAQE/1,5	550	DN 100	3 x 230 - 400 V ~	1430	2,0	1,50	2,00	6,6	3,8
DCM-G 100-865/A/BAQE/2,2	550	DN 100	3 x 230 - 400 V ~	1455	3,0	2,20	3,00	9,6	5,6
DCM-G 100-1020/A/BAQE/3	550	DN 100	3 x 400 V ~ [1]	1441	3,6	3,00	4,00	-	6,4
DCM-G 100-1320/A/BAQE/4	550	DN 100	3 x 400 V ~ [1]	1450	4,6	4,00	5,50		8,0
DCM-G 100-1650/A/BAQE/5,5	550	DN 100	3 x 400 V ~ [1]	1464	6,9	5,50	7,50		11,6
DCM-G 100-2050/A/BAQE/7,5	670	DN 100	3 x 400 V ~ [1]	1461	8,5	7,50	10,00		14,4
DCM-G 100-2550/A/BAQE/11	670	DN 100	3 x 400 V ~ [1]	1470	12,1	11,00	15,00		21,4
DCM-G 100-3290/A/BAQE/15	670	DN 100	3 x 400 V ~ [1]	1471	17,1	15,00	20,00		29,5
DCM-G 100-3680/A/BAQE/18,5	670	DN 100	3 x 400 V ~ [1]	1470	19,6	18,50	25,00		32,4
DCM-G 100-4100/A/BAQE/22	670	DN 100	3 x 400 V ~ [1]	1470	22,4	22,00	30,00		37,8
DCM-G 125-1075/A/BAQE/4	620	DN 125	3 x 400 V ~ [1]	1455	5,1	4,00	5,50		8,7
DCM-G 125-1270/A/BAQE/5,5	620	DN 125	3 x 400 V ~ [1]	1465	7,2	5,50	7,50		12,0
DCM-G 125-1560/A/BAQE/7,5	620	DN 125	3 x 400 V ~ [1]	1469	9,5	7,50	10,00		15,9
DCM-G 125-2100/A/BAQE/11	800	DN 125	3 x 400 V ~ [1]	1475	13,6	11,00	15,00		23,7
DCM-G 125-2550/A/BAQE/15	800	DN 125	3 x 400 V ~ [1]	1470	16,3	15,00	20,00		28,3
DCM-G 125-3200/A/BAQE/18,5	800	DN 125	3 x 400 V ~ [1]	1471	17,9	18,50	25,00		30,0
DCM-G 125-3600/A/BAQE/22	800	DN 125	3 x 400 V ~ [1]	1470	22,4	22,00	30,00		37,8
DCM-G 125-4022/A/BAQE/30	800	DN 125	3 x 400 V ~ [1]	1478	26,5	30,00	40,00		44,8
DCM-G 150-955/A/BAQE/5,5 *	800	DN 150	3 x 400 V ~ [1]	1462	7,5	5,50	7,50		12,6
DCM-G 150-1322/A/BAQE/7,5 *	800	DN 150	3 x 400 V ~ [1]	1464	8,9	7,50	10,00		15,1
DCM-G 150-1600/A/BAQE/11 *	800	DN 150	3 x 400 V ~ [1]	1473	13,0	11,00	15,00		22,7
DCM-G 150-1950/A/BAQE/15 *	800	DN 150	3 x 400 V ~ [1]	1472	17,5	15,00	20,00		30,1
DCM-G 150-2200/A/BAQE/18,5 *	800	DN 150	3 x 400 V ~ [1]	1472	21,1	18,50	25,00		34,7
DCM-G 150-2405/A/BAQE/22 *	800	DN 150	3 x 400 V ~ [1]	1470	23,8	22,00	30,00		39,8

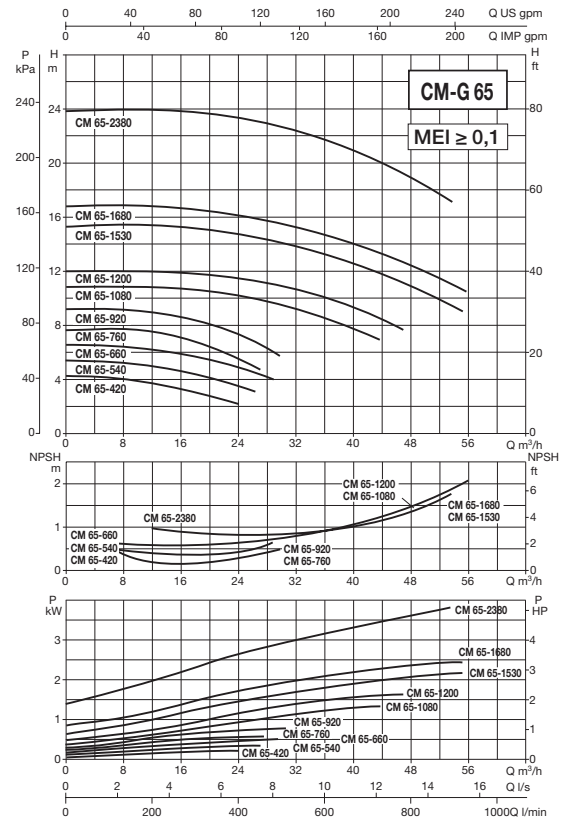
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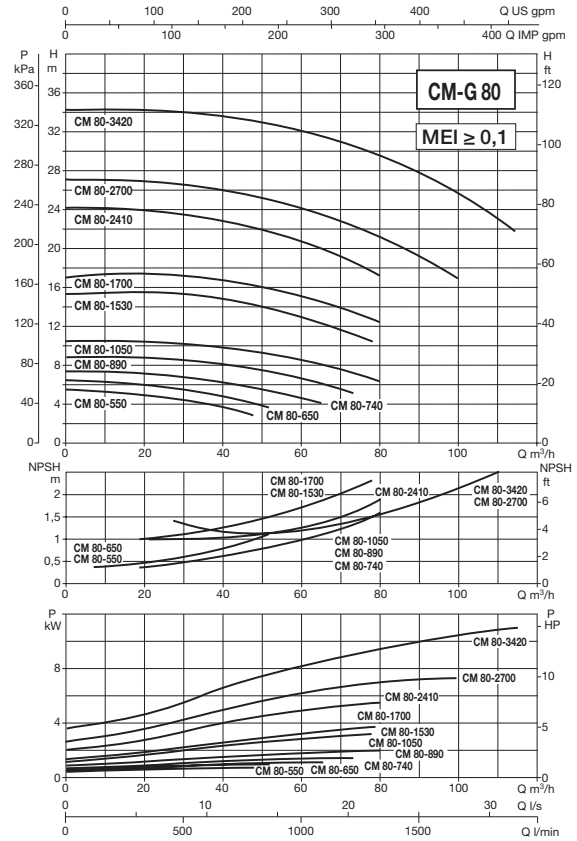
CM / CM-G / DCM / DCM-G - 4 POLES

IN-LINE PUMPS





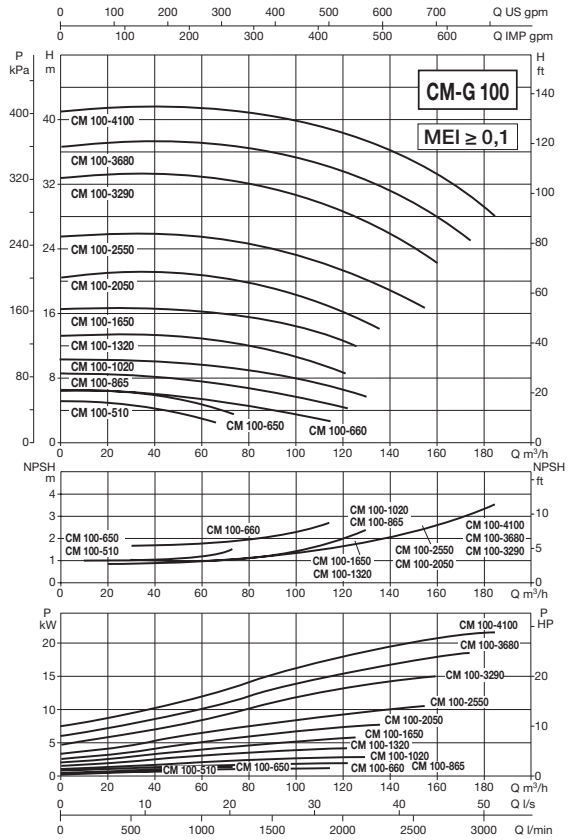


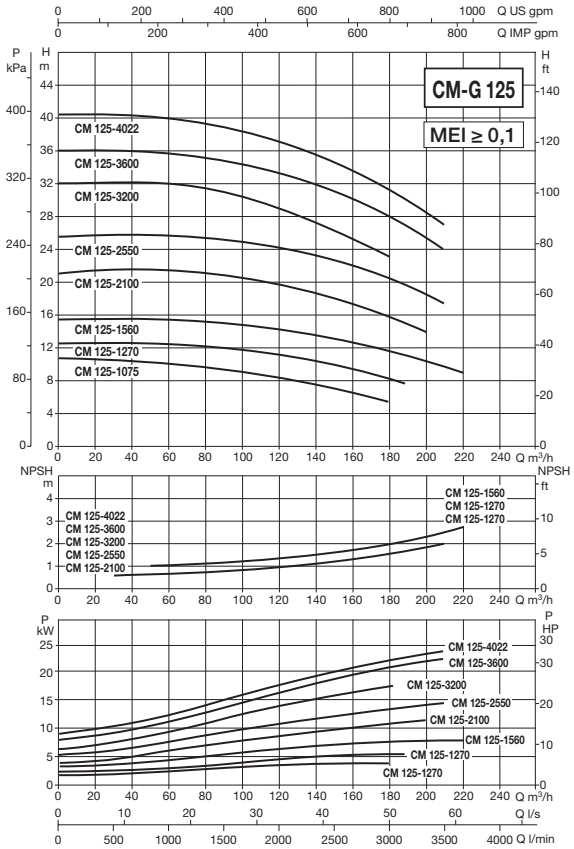


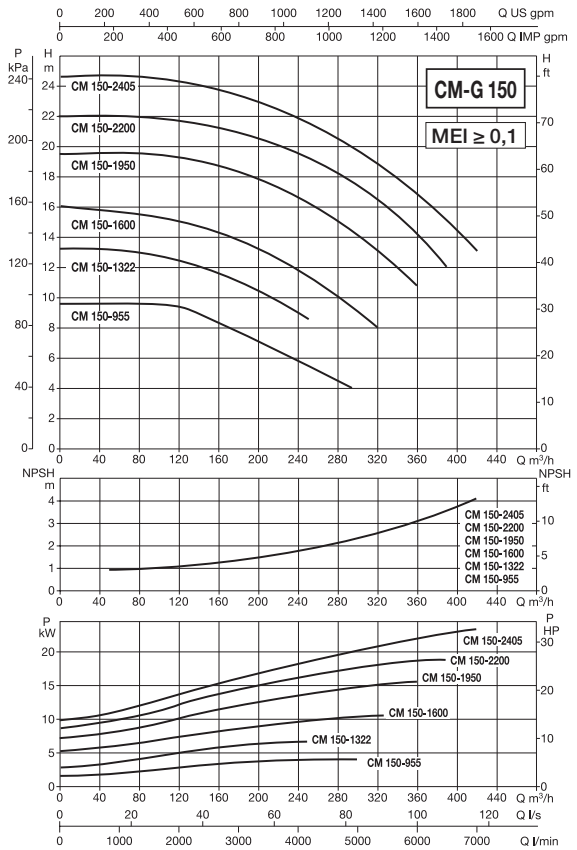
The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.

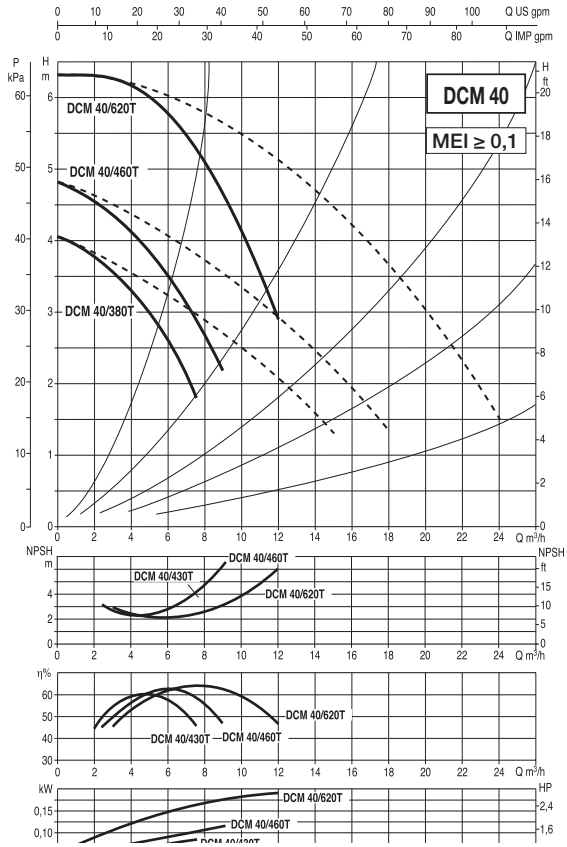
CM / CM-G / DCM / DCM-G - 4 POLES

IN-LINE PUMPS





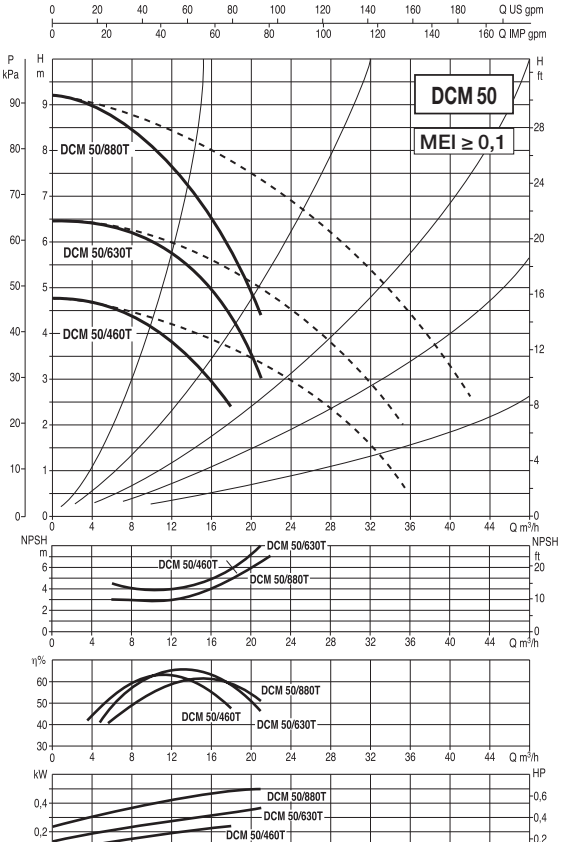


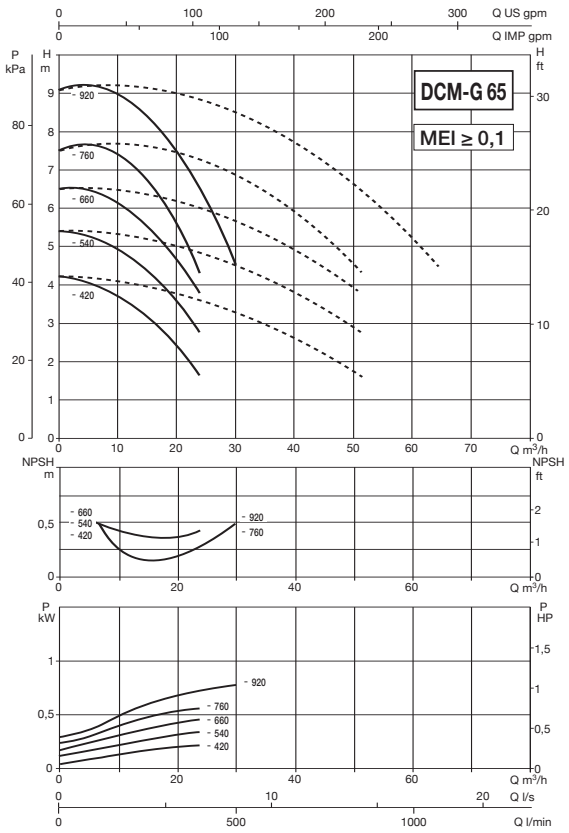


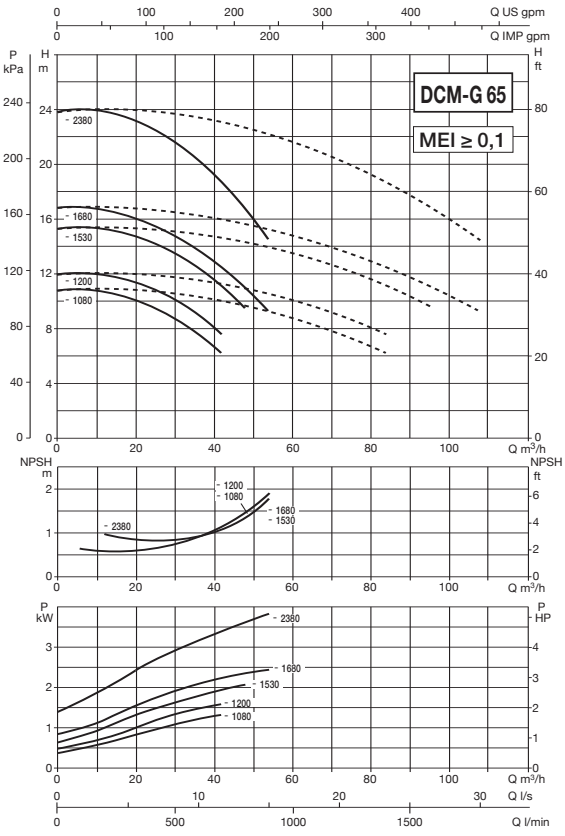
The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.

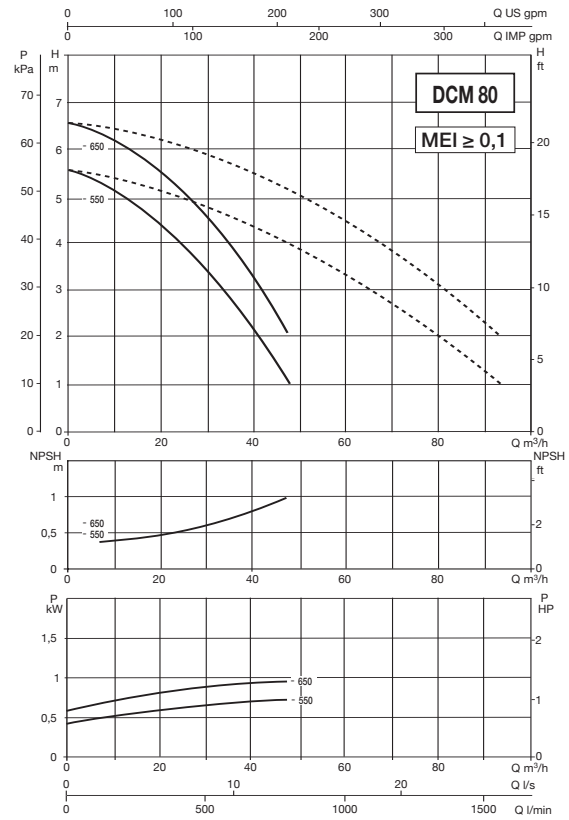
CM / CM-G / DCM / DCM-G - 4 POLES

IN-LINE PUMPS





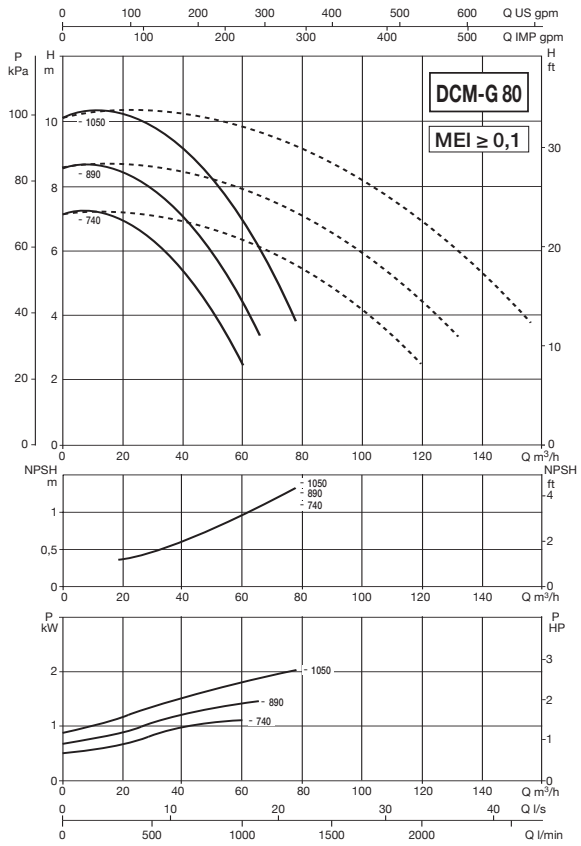


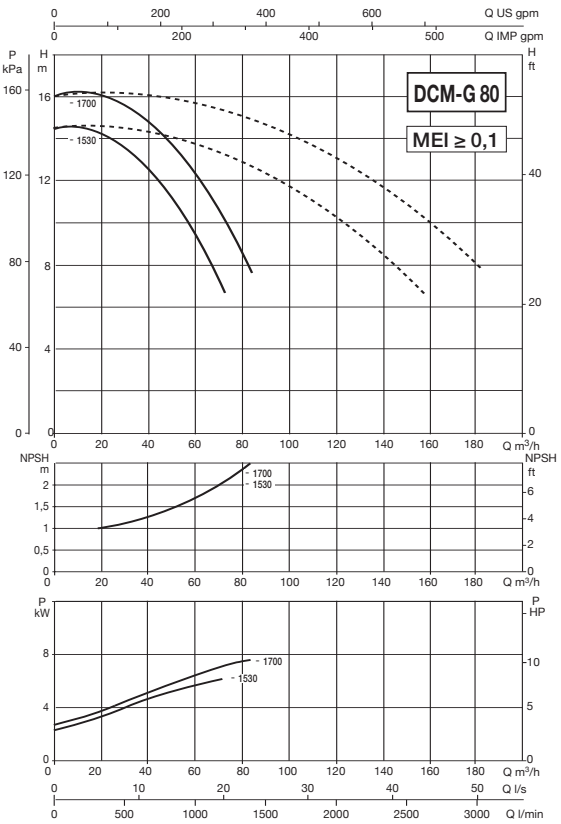


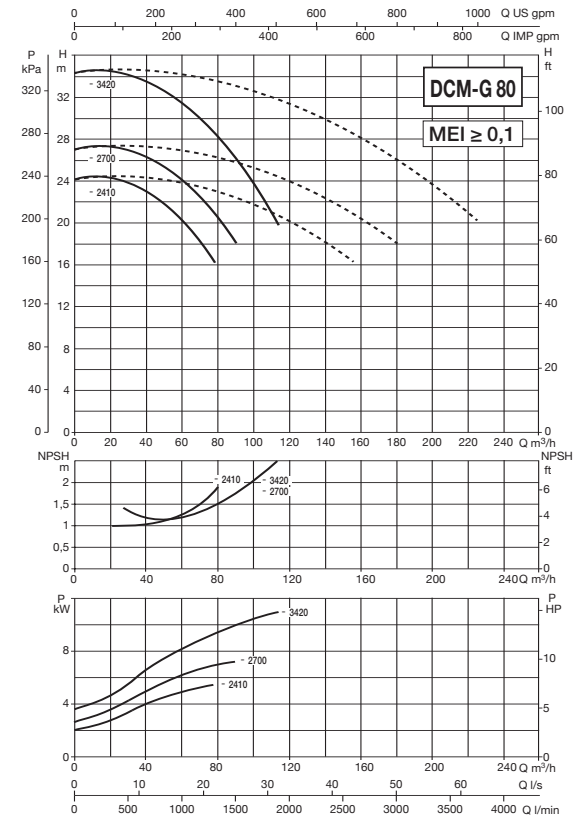
The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.

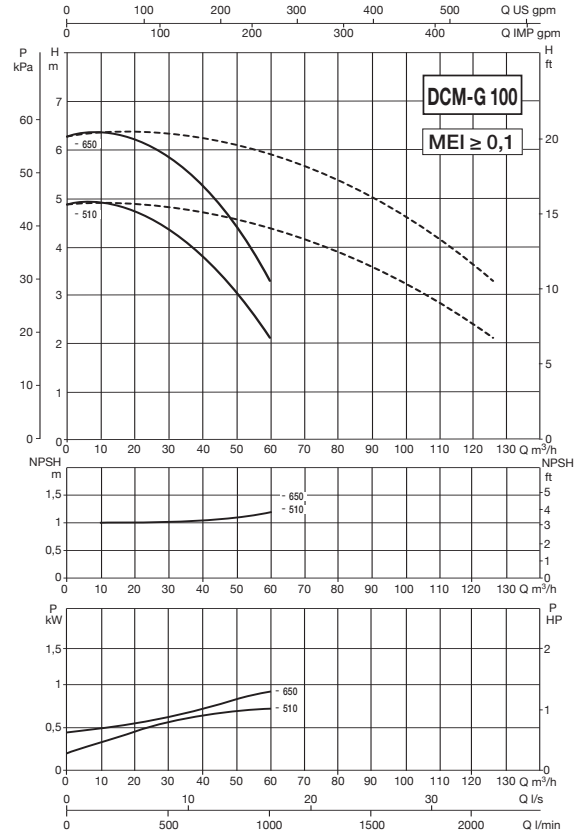
CM / CM-G / DCM / DCM-G - 4 POLES

IN-LINE PUMPS





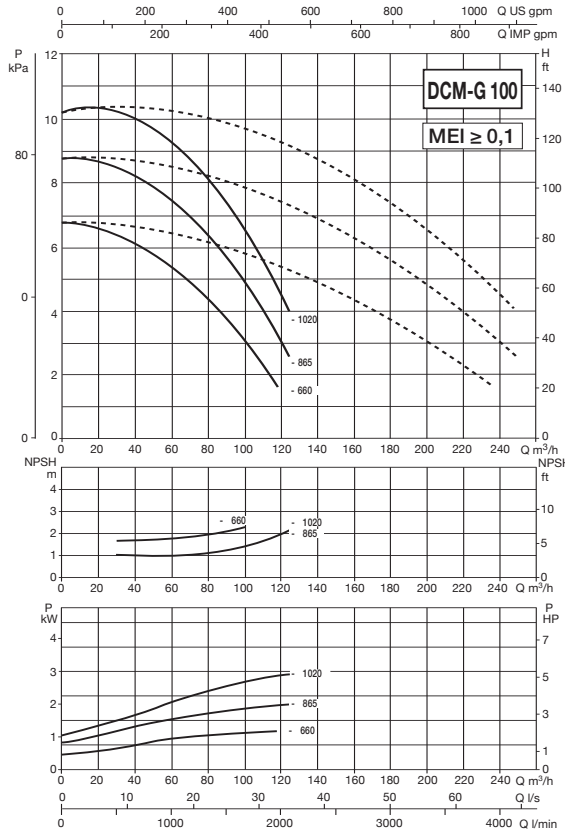


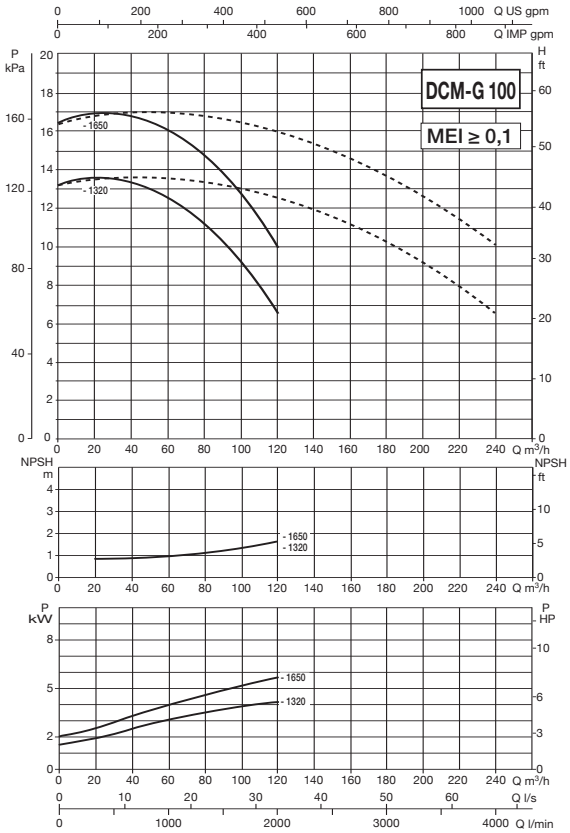


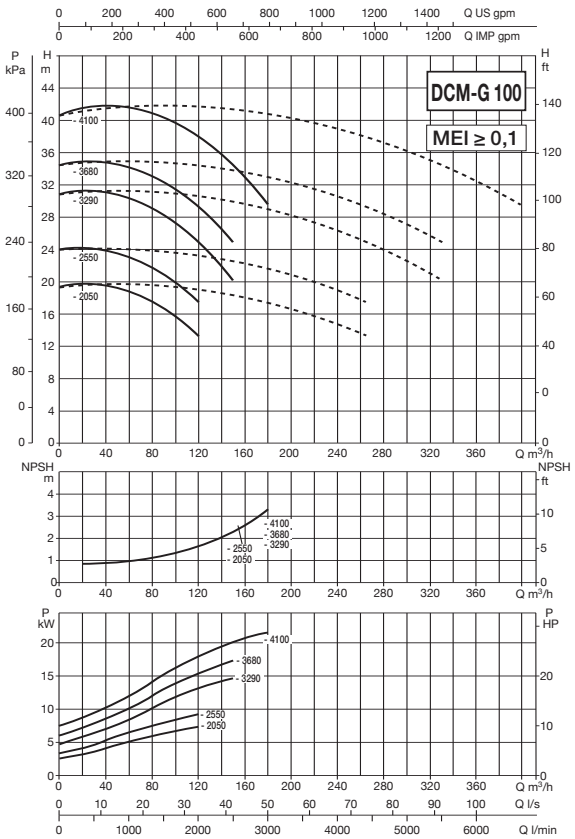
The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.

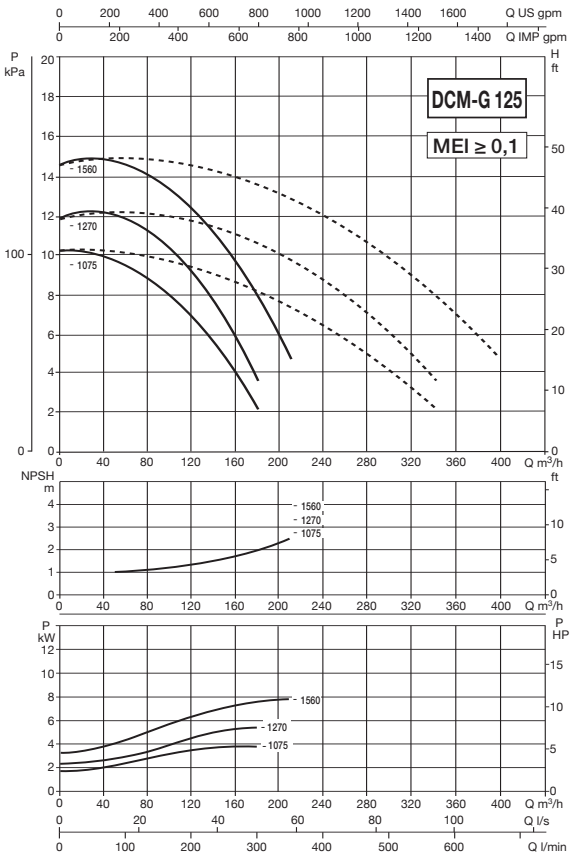
CM / CM-G / DCM / DCM-G - 4 POLES

IN-LINE PUMPS





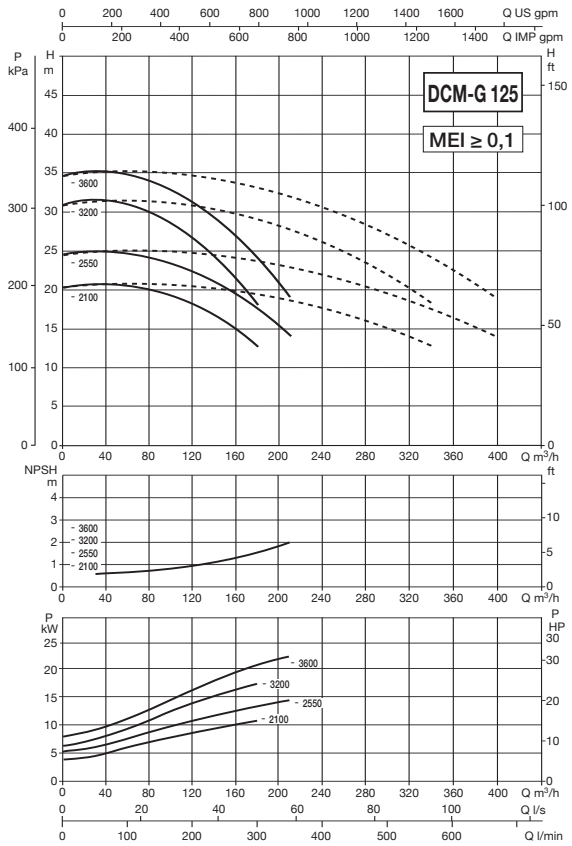


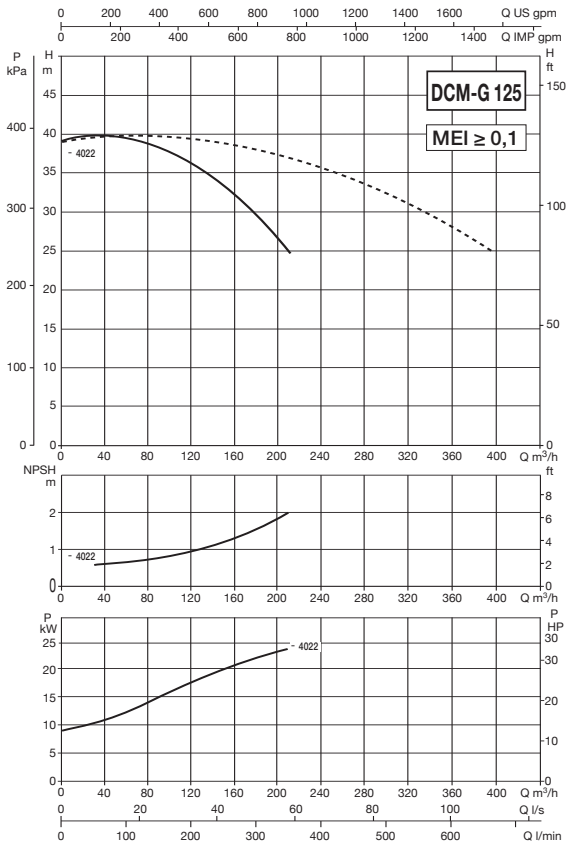


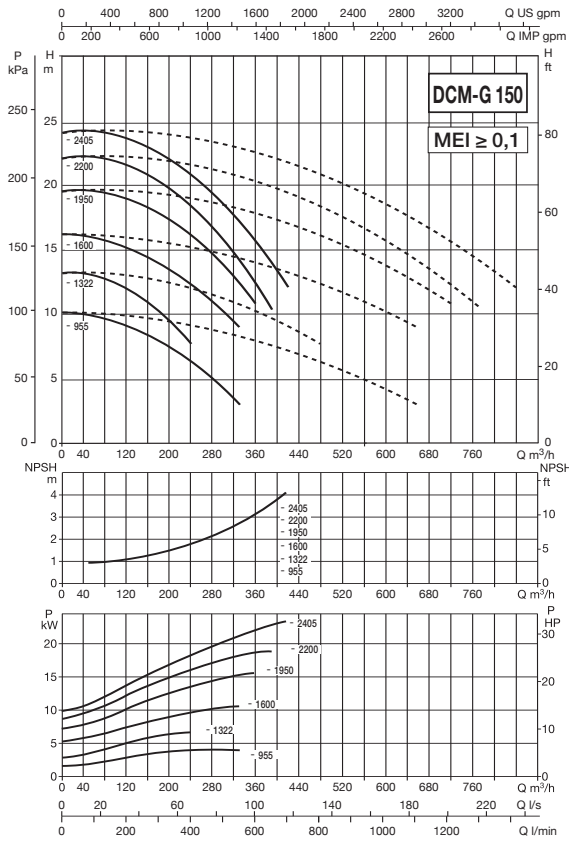
The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.

CM / CM-G / DCM / DCM-G - 4 POLES

IN-LINE PUMPS

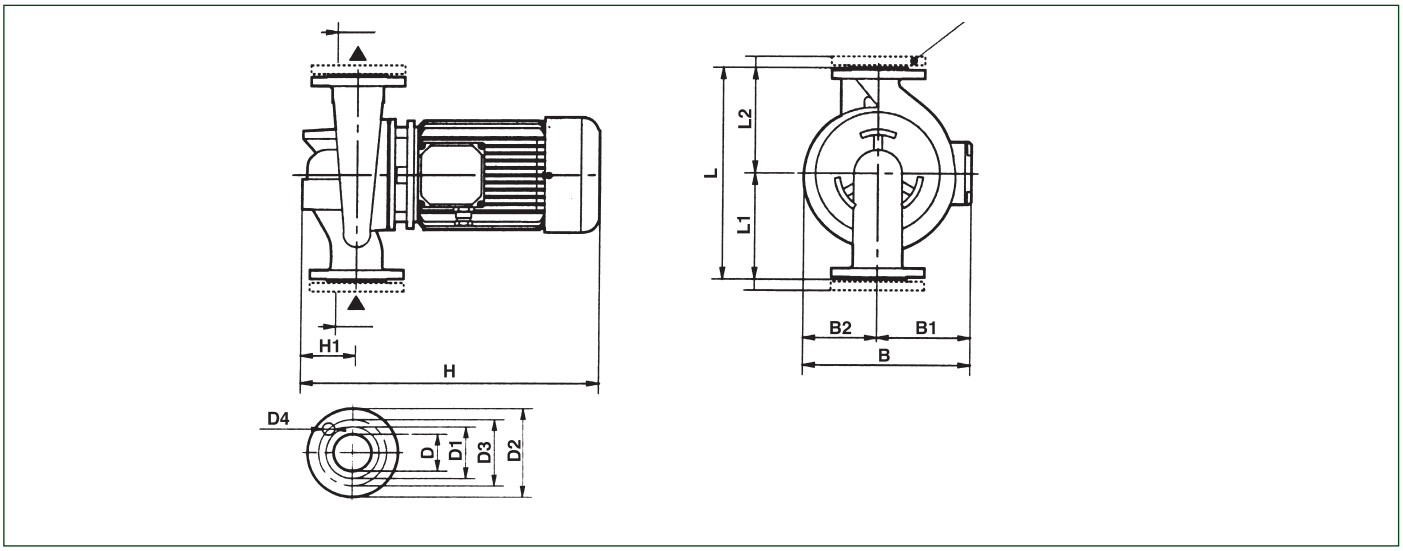


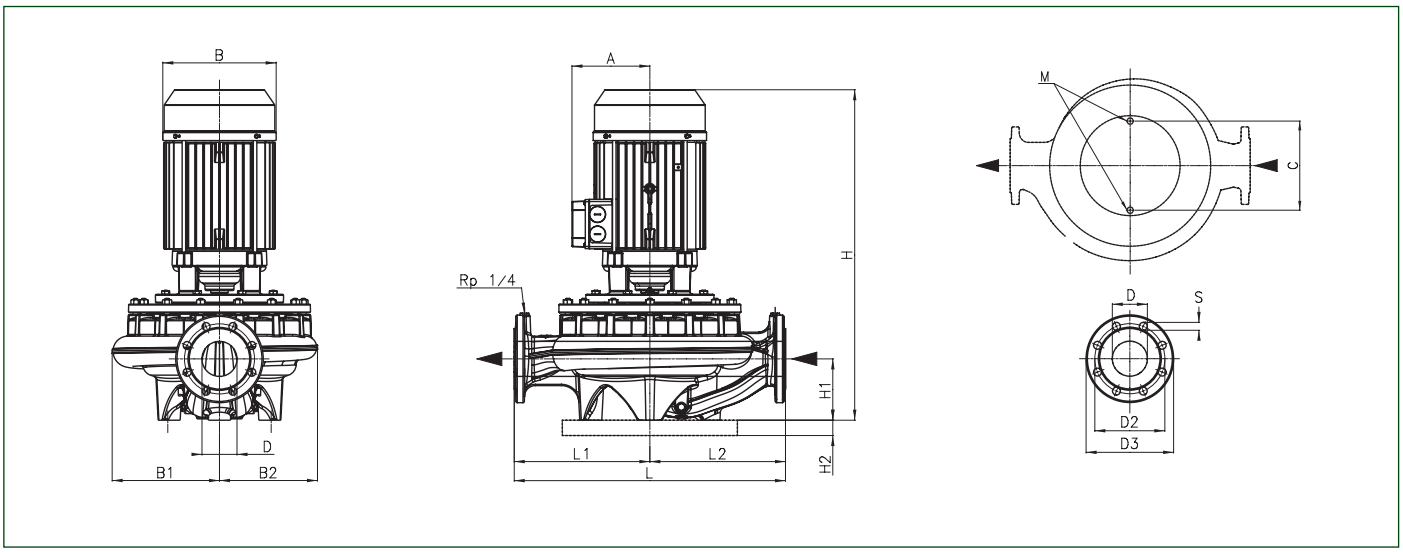




The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.

DIMENSIONS AND WEIGHTS - CM/CM-G



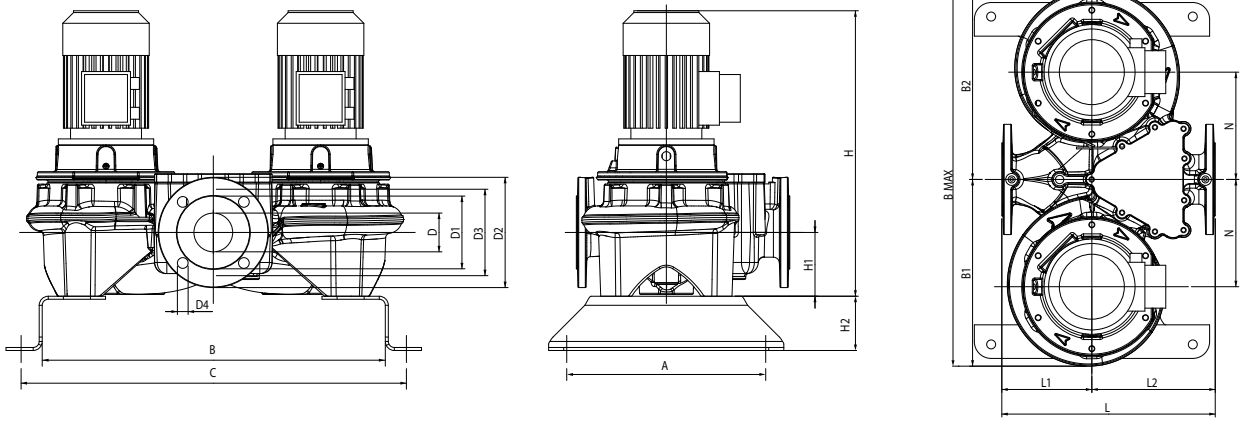


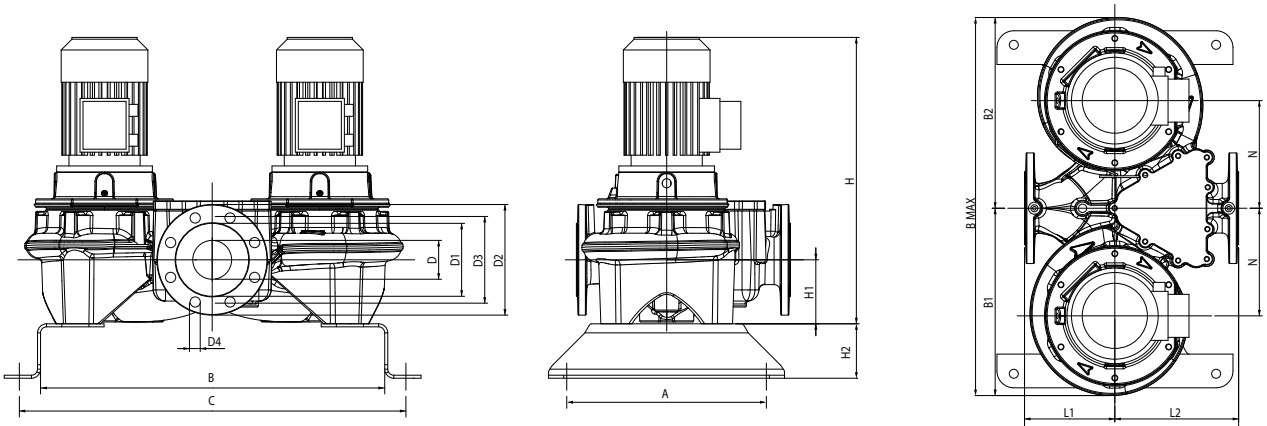
MODEL	L	L1	L2	B	B1	B2	H	H1	D	D1	D2	D3	D4 n° HOLES	PACKAGING DIMENSIONS L/A	PACKAGING DIMENSIONS L/B	PACKAGING DIMENSIONS H	VOLUME (mc)	WEIGHT Kg
CM 40/440 T	390	200	190	231	118	113	453	95	40 PN 16	88	150	110	4 Ø18	680	330	580	0,13	41
CM 40/540 T	390	200	190	231	118	113	453	95	40 PN 16	88	150	110		680	330	580	0,13	41
CM 40/670 T	390	200	190	231	118	113	453	95	40 PN 16	88	150	110		680	330	580	0,13	41
CM 40/870 T	390	200	190	231	118	113	453	95	40 PN 16	88	150	110		680	330	580	0,13	41
CM 40/1300 T	380	200	180	245	118	127	445	100	40 PN 6	88	150	110		450	270	465	0,4	30
CM 40/1450 T	380	200	180	245	118	127	445	100	40 PN 6	88	150	110		450	270	465	0,4	31
CM 50/510 T	425	225	200	233	120	113	463	105	50 PN 16	102	165	125	4 Ø18	680	330	580	0,13	46,6
CM 50/630 T	425	225	200	233	120	113	463	105	50 PN 16	102	165	125		680	330	580	0,13	46,6
CM 50/780 T	425	225	200	233	120	113	463	105	50 PN 16	102	165	125		680	330	580	0,13	46,6
CM 50/1000 T	425	225	200	233	120	113	463	105	50 PN 16	102	165	125		680	330	580	0,13	46,6
CM 50/1270 T	400	220	180	280	149	131	495	110	50 PN 10	102	165	125		520	320	535	0,6	36
CM 50/1440 T	400	220	180	280	149	131	495	110	50 PN 10	102	165	125		520	320	535	0,6	36

DIMENSIONS AND WEIGHTS - CM-G

MODEL	A	B	B1	B2	C	D	D2	D3	S	n° HOLES	H	H1	H2	L	L1	L2	M	PACKAGING DIMENSIONS			VOL. (mc)	WEIGHT Kg
																		L/A	L/B	H		
CM-G 65-420/A/BAQE/0,25	105	141	144	126	144	65	145	185	18	4	467	105	35	360	180	180	M16	670	390	710	0,186	46,0
CM-G 65-540/A/BAQE/0,37	105	141	144	126	144	65	145	185	18		467	105	35	360	180	180	M16	670	390	710	0,186	46,1
CM-G 65-660/A/BAQE/0,55	127	160	144	126	144	65	145	185	18		492	105	35	360	180	180	M16	670	390	710	0,186	57,9
CM-G 65-760/A/BAQE/0,55	127	160	144	126	144	65	145	185	18		492	105	35	360	180	180	M16	670	390	710	0,186	57,6
CM-G 65-920/A/BAQE/0,75	127	160	144	126	144	65	145	185	18		492	105	35	360	180	180	M16	670	390	710	0,186	59,7
CM-G 65-1080/A/BAQE/1,1	127	160	180	164	144	65	145	185	18		505	125	35	475	237,5	237,5	M16	670	390	710	0,186	84,3
CM-G 65-1200/A/BAQE/1,5	129	176	180	164	144	65	145	185	18		529	125	35	475	237,5	237,5	M16	670	390	710	0,186	86,9
CM-G 65-1530/A/BAQE/2,2	129	176	180	164	144	65	145	185	18		529	125	35	475	237,5	237,5	M16	670	390	710	0,186	89,6
CM-G 65-1680/A/BAQE/3	144	193	180	164	144	65	145	185	18		575	125	35	475	237,5	237,5	M16	670	390	710	0,186	92,2
CM-G 65-2380/A/BAQE/4	144	193	180	164	144	65	145	185	18		575	125	35	475	237,5	237,5	M16	670	390	710	0,186	105,7
CM-G 80-550/A/BAQE/0,55	127	160	135	117	144	80	160	200	18	8	495	105	35	360	180	180	M16	520	290	700	0,106	61,3
CM-G 80-650/A/BAQE/0,75	127	160	135	117	144	80	160	200	18		495	105	35	360	180	180	M16	520	290	700	0,106	62,8
CM-G 80-740/A/BAQE/1,1	127	160	178	146	144	80	160	200	18		505	115	35	440	220	220	M16	670	390	710	0,186	90,0
CM-G 80-890/A/BAQE/1,5	129	176	178	146	144	80	160	200	18		530	115	35	440	220	220	M16	670	390	710	0,186	94,0
CM-G 80-1050/A/BAQE/2,2	129	176	178	146	144	80	160	200	18		530	115	35	440	220	220	M16	670	390	710	0,186	103
CM-G 80-1530/A/BAQE/3	144	193	190	164	144	80	160	200	18		576	115	35	500	250	250	M16	670	390	710	0,186	125,4
CM-G 80-1700/A/BAQE/4	144	193	190	164	144	80	160	200	18		576	115	35	500	250	250	M16	670	390	710	0,186	138,6
CM-G 80-2410/A/BAQE/5,5	150	220	245	224	230	80	160	200	18		663	140	35	620	310	310	M16	900	550	1060	0,525	166,2
CM-G 80-2700/A/BAQE/7,5	178	259	245	224	230	80	160	200	18		755	140	35	620	310	310	M16	900	550	1060	0,525	192,4
CM-G 80-3420/A/BAQE/11	178	259	245	224	230	80	160	200	18		755	140	35	620	310	310	M16	900	550	1060	0,525	209,5
CM-G 100-510/A/BAQE/0,75	127	160	158	126	144	100	180	220	18	8	532	140	35	500	250	250	M16	670	390	710	0,186	99,9
CM-G 100-650/A/BAQE/1,1	127	160	158	126	144	100	180	220	18		532	140	35	500	250	250	M16	670	390	710	0,186	104,7
CM-G 100-660/A/BAQE/2,5	129	179	193	153	230	100	180	220	18		552	140	35	550	275	275	M16	670	390	710	0,186	108,8
CM-G 100-865/A/BAQE/2,2	129	179	193	153	230	100	180	220	18		552	140	35	550	275	275	M16	670	390	710	0,186	104,0
CM-G 100-1020/A/BAQE/3	144	193	193	153	230	100	180	220	18		598	140	35	550	275	275	M16	670	390	710	0,186	109,3
CM-G 100-1320/A/BAQE/4	144	193	204	174	230	100	180	220	18		635	140	35	550	275	275	M16	780	460	860	0,309	141,0
CM-G 100-1650/A/BAQE/5,5	150	220	204	174	230	100	180	220	18		667	140	35	550	275	275	M16	780	460	860	0,309	162,8
CM-G 100-2050/A/BAQE/7,5	178	259	293	252	230	100	180	220	18		795	175	35	670	335	335	M16	900	550	1060	0,525	239,1
CM-G 100-2550/A/BAQE/11	178	259	293	252	230	100	180	220	18		795	175	35	670	335	335	M16	900	550	1060	0,525	242,2
CM-G 100-3290/A/BAQE/15	223	309	293	252	230	100	180	220	18		935	175	35	670	335	335	M16	900	550	1060	0,525	336,6
CM-G 100-3680/A/BAQE/18,5	223	309	293	252	230	100	180	220	18		935	175	35	670	335	335	M16	900	550	1060	0,525	230,0
CM-G 100-4100/A/BAQE/22	223	309	293	252	230	100	180	220	18		935	175	35	670	335	335	M16	900	550	1060	0,525	330,3
CM-G 125-1075/A/BAQE/4	144	193	252	205	230	125	210	250	18	8	716	215	35	620	310	310	M16	900	550	1060	0,525	198,5
CM-G 125-1270/A/BAQE/5,5	150	220	252	205	230	125	210	250	18		747	215	35	620	310	310	M16	900	550	1060	0,525	199,9
CM-G 125-1560/A/BAQE/7,5	178	259	252	205	230	125	210	250	18		839	215	35	620	310	310	M16	900	550	1060	0,525	214,9
CM-G 125-2100/A/BAQE/11	178	259	274	245	230	125	210	250	18		845	215	35	800	400	400	M16	900	550	1060	0,525	294,4
CM-G 125-2550/A/BAQE/15	223	309	274	245	230	125	210	250	18		985	215	35	800	400	400	M16	900	550	1200	0,594	350,4
CM-G 125-3200/A/BAQE/18,5	223	309	274	245	230	125	210	250	18		985	215	35	800	400	400	M16	900	550	1200	0,594	379,2
CM-G 125-3600/A/BAQE/22	223	309	274	245	230	125	210	250	18		985	215	35	800	400	400	M16	900	550	1200	0,594	401,3
CM-G 125-4022/A/BAQE/30	237	350	274	245	230	125	210	250	18		985	215	35	800	400	400	M16	900	550	1200	0,594	451
CM-G 150-955/A/BAQE/5,5	150	220	299	239	230	150	240	285	22	8	756	215	35	800	400	400	M16	900	550	1060	0,5247	265,6
CM-G 150-1322/A/BAQE/7,5	178	259	299	239	230	150	240	285	22		848	215	35	800	400	400	M16	900	550	1060	0,5247	280,6
CM-G 150-1600/A/BAQE/11	178	259	299	239	230	150	240	285	22		848	215	35	800	400	400	M16	900	550	1060	0,5247	293,2
CM-G 150-1950/A/BAQE/15	223	309	299	239	230	150	240	285	22		989	215	35	800	400	400	M16	900	550	1200	0,594	343,1
CM-G 150-2200/A/BAQE/18,5	223	309	299	239	230	150	240	285	22		989	215	35	800	400	400	M16	900	550	1200	0,594	357,1
CM-G 150-2405/A/BAQE/22	223	309	299	239	230	150	240	285	22		989	215	35	800	400	400	M16	900	550	1200	0,594	423,459

DIMENSIONS AND WEIGHTS - DCM/DCM-G





MODEL	L	L1	L2	B	B1	B2	H	H1	N	D	D1	D2	D3	D4 n° HOLES	PACKAGING DIMENSIONS			VOLUME (mc)	WEIGHT Kg
															L/A	L/B	H		
DCM 40/380 T	340	130	210	397	197	200	425	100	100	40 PN6	88	150	110	4 HOLES Ø 18	520	320	535	0,6	41
DCM 40/460 T	340	130	210	397	197	200	425	100	100	40 PN6	88	150	110		520	320	535	0,6	41
DCM 40/620 T	340	130	210	397	197	200	425	100	100	40 PN6	88	150	110		520	320	535	0,6	41
DCM 50/460 T	365	145	220	427	210	217	435	110	105	50 PN10	102	165	125	4 HOLES Ø 18	520	320	535	0,7	46
DCM 50/630 T	4365	145	220	427	210	217	435	110	105	50 PN10	102	165	125		520	320	535	0,7	46
DCM 50/880 T	410	170	240	480	235	245	435	110	120	50 PN10	102	165	125		580	360	585	0,9	52

DIMENSIONS AND WEIGHTS - DCM-G

MODEL	A	B	C	B1	B2	B max	D	D1	D2	D3	D4	n° HOLES	H	H1	H2	L	L1	L2	M	N	PACKAGING DIMENSIONS			VOL. (mc)	WEIGHT Kg
																					L/A	L/B	H		
DCM-G 65-420/A/BAQE/0,25	330	569	639	315	320	635	65	122	185	145	18		479	107	100	360	151	207	M16	180	358	635	479	0,11	112
DCM-G 65-540/A/BAQE/0,37	330	569	639	315	320	635	65	122	185	145	18		479	107	100	360	151	207	M16	180	358	635	479	0,11	112
DCM-G 65-660/A/BAQE/0,55	330	569	639	315	320	635	65	122	185	145	18	4	534	107	100	360	151	207	M16	180	358	635	534	0,12	136
DCM-G 65-760/A/BAQE/0,55	330	569	639	315	320	635	65	122	185	145	18		534	107	100	360	151	207	M16	180	358	635	534	0,12	135
DCM-G 65-920/A/BAQE/0,75	330	569	639	315	320	635	65	122	185	145	18		534	107	100	360	151	207	M16	180	358	635	534	0,12	139
DCM-G 65-1080/A/BAQE/1,1	330	649	719	387	395	782	65	122	185	145	18		585	125	100	475	177	298	M16	220	475	782	585	0,22	183
DCM-G 65-1200/A/BAQE/1,5	330	649	719	387	395	782	65	122	185	145	18		625	125	100	475	177	298	M16	220	475	782	625	0,23	188
DCM-G 65-1530/A/BAQE/2,2	330	649	719	387	395	782	65	122	185	145	18	4	644	125	100	475	177	298	M16	220	475	782	644	0,24	194
DCM-G 65-1680/A/BAQE/3	330	649	719	387	395	782	65	122	185	145	18		644	125	100	475	177	298	M16	220	475	782	644	0,24	199
DCM-G 65-2380/A/BAQE/4	330	649	719	387	395	782	65	122	185	145	18		729	125	100	475	177	298	M16	220	475	782	729	0,27	226
DCM-G 80-550/A/BAQE/0,55	330	580	650	305	310	615	80	137	200	160	18	8	546	115	100	360	165	195	M16	180	360	615	546	0,12	126
DCM-G 80-650/A/BAQE/0,75	330	580	650	305	310	615	80	137	200	160	18		546	115	100	360	165	195	M16	180	360	615	546	0,12	129
DCM-G 80-740/A/BAQE/1,1	330	620	690	355	365	720	80	137	200	160	18		586	115	100	440	180	260	M16	200	440	720	586	0,19	198
DCM-G 80-890/A/BAQE/1,5	330	620	690	355	365	720	80	137	200	160	18	8	626	115	100	440	180	260	M16	200	440	720	626	0,20	206
DCM-G 80-1050/A/BAQE/2,2	330	620	690	355	365	720	80	137	200	160	18		644	115	100	440	180	260	M16	200	440	720	644	0,20	224
DCM-G 80-1530/A/BAQE/3	362	662	732	405	415	820	80	137	200	160	18	8	650	115	100	500	220	280	M16	235	500	820	650	0,27	244
DCM-G 80-1700/A/BAQE/4	362	662	732	405	415	820	80	137	200	160	18		735	115	100	500	220	280	M16	235	500	820	735	0,30	270
DCM-G 80-2410/A/BAQE/5,5	500	804	924	530	540	1070	80	137	200	160	18		803	140	100	620	280	340	M16	300	620	1070	803	0,53	435
DCM-G 80-2700/A/BAQE/7,5	500	804	924	530	540	1070	80	137	200	160	18	8	843	140	100	620	280	340	M16	300	620	1070	843	0,56	487
DCM-G 80-3420/A/BAQE/11	500	804	924	530	540	1070	80	137	200	160	18		948	140	100	620	280	340	M16	300	620	1070	948	0,63	521
DCM-G 100-510/A/BAQE/0,75	362	637	717	330	345	675	100	156	220	180	18	8	573	140	100	500	191	309	M16	200	500	675	573	0,19	213
DCM-G 100-650/A/BAQE/1,1	362	637	717	330	345	675	100	156	220	180	18		613	140	100	500	191	309	M16	200	500	675	613	0,21	222
DCM-G 100-660/A/BAQE/1,5	362	733	813	395	410	805	100	156	220	180	18		648	140	100	550	221	329	M16	235	550	805	648	0,29	256
DCM-G 100-865/A/BAQE/2,2	362	733	813	395	410	805	100	156	220	180	18	8	666	140	100	550	221	329	M16	235	550	805	666	0,29	246
DCM-G 100-1020/A/BAQE/3	362	733	813	395	410	805	100	156	220	180	18		666	140	100	550	221	329	M16	235	550	805	666	0,29	257
DCM-G 100-1320/A/BAQE/4	362	753	833	430	440	870	100	156	220	180	18	8	811	140	100	550	221	329	M16	250	550	870	811	0,39	301
DCM-G 100-1650/A/BAQE/5,5	362	753	833	430	440	870	100	156	220	180	18		812	140	100	550	221	329	M16	250	550	870	812	0,39	344
DCM-G 100-2050/A/BAQE/7,5	500	836	956	560	575	1135	100	156	220	180	18		888	175	100	670	266	404	M16	300	670	1135	888	0,68	546
DCM-G 100-2550/A/BAQE/11	500	836	956	560	575	1135	100	156	220	180	18		993	175	100	670	266	404	M16	300	670	1135	993	0,76	553
DCM-G 100-3290/A/BAQE/15	500	836	956	560	575	1135	100	156	220	180	18	8	1.048	175	100	670	266	404	M16	300	670	1135	1048	0,80	741
DCM-G 100-3680/A/BAQE/18,5	500	836	956	560	575	1135	100	156	220	180	18		1.068	175	100	670	266	404	M16	300	670	1135	1068	0,81	898
DCM-G 100-4100/A/BAQE/22	500	836	956	560	575	1135	100	156	220	180	18		1.106	175	100	670	266	404	M16	300	670	1135	1106	0,84	1006
DCM-G 125-1075/A/BAQE/4	500	810	930	515	535	1050	125	185	250	210	14		897	215	100	620	226	394	M16	300	620	1050	897	0,58	494
DCM-G 125-1270/A/BAQE/5,5	500	810	930	515	535	1050	125	185	250	210	14	8	893	215	100	620	226	394	M16	300	620	1050	893	0,58	496
DCM-G 125-1560/A/BAQE/7,5	500	810	930	515	535	1050	125	185	250	210	14		933	215	100	620	226	394	M16	300	620	1050	933	0,61	526
DCM-G 125-2100/A/BAQE/11	500	810	930	555	571	1126	125	185	250	210	14		1.053	215	100	800	316	484	M16	300	800	1126	1053	0,95	756
DCM-G 125-2550/A/BAQE/15	500	810	930	555	571	1126	125	185	250	210	14	8	1.108	215	100	800	316	484	M16	300	800	1126	1108	1,00	868
DCM-G 125-3200/A/BAQE/18,5	500	810	930	555	571	1126	125	185	250	210	14		1.128	215	100	800	316	484	M16	300	800	1126	1128	1,02	926
DCM-G 125-3600/A/BAQE/22	500	810	930	555	571	1126	125	185	250	210	14		1.166	215	100	800	316	484	M16	300	800	1126	1166	1,05	970
DCM-G 125-4022/A/BAQE/30	500	810	930	555	571	1126	125	185	250	210	14	8	1.186	215	100	800	316	484	M16	300	800	1126	1186	1,07	1069
DCM-G 150-955/A/BAQE/5,5	500	805	925	550	580	1130	150	210	285	240	22		916	215	100	800	296	504	M16	300	800	1130	916	0,83	651
DCM-G 150-1322/A/BAQE/7,5	500	805	925	550	580	1130	150	210	285	240	22		956	215	100	800	296	504	M16	300	800	1130	956	0,86	681
DCM-G 150-1600/A/BAQE/11	500	805	925	550	580	1130	150	210	285	240	22		1.061	215	100	800	296	504	M16	300	800	1130	1061	0,96	707
DCM-G 150-1950/A/BAQE/15	500	805	925	550	580	1130	150	210	285	240	22	8	1.116	215	100	800	296	504	M16	300	800	1130	1116	1,01	806
DCM-G 150-2200/A/BAQE/18,5	500	805	925	550	580	1130	150	210	285	240	22		1.136	215	100	800	296	504	M16	300	800	1130	1136	1,03	834
DCM-G 150-2405/A/BAQE/22	500	805	925	550	580	1130	150	210	285	240	22		1.174	215	100	800	296	504	M16	300	800	1130	1174	1,06	967

DAB PUMPS reserves the right to make modifications without notice

IN-LINE PUMPS
PERFORMANCE RANGE

CP - 2 POLES

MODEL	Q=m³h	0	3,6	4,8	6	12	18	24	30	36
	Q=l/min	0	60	80	100	200	300	400	500	600
CP 40/1900 T	H (m)	17,6	17,6	17,4	17	14				
CP 40/2300 T		21,8	21,8	21,3	21	18				
CP 40/2700 T		26,9	26,9	26,7	26,2	23,2				
CP 40/3500 T		34,8	34,9	34,7	34,2	31,7				
CP 40/3800 T					38	35	30			
CP 40/4700 T					47	44	39,5	35		
CP 40/5500 T					55	53	48	42		
CP 40/6200 T					62	59	54	49		
CP 50/2200 T					20	16,5	11			
CP 50/2600 T					25	22	16			
CP 50/3100 T					31	28,5	24			
CP 50/4100 T					40,7	38,5	34,5	27,7		
CP 50/4600 T							44	41,5	37	31
CP 50/5100 T							50	47,5	42,5	37
CP 50/5650 T							55,5	53	49	44

CP-G - 2 POLES

MODEL	Q=m³h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150
	Q=l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500
CP-G 65-1470/A/BAQE/1,5	H (m)	14,7	14,5	14,3	13,8	13	11,8	10,5	8,6	7											
CP-G 65-1900/A/BAQE/2,2		19	18,7	18,4	17,8	17	15,9	14,6	13	11											
CP-G 65-2280/A/BAQE/3		22,8	22,5	22,3	22	21,2	20,2	19	17,4	15,5	13,5										
CP-G 65-2640/A/BAQE/4		26,4	26,2	26	25,6	25	24	23	21,5	19,5	17,5	15									
CP-G 65-3400/A/BAQE/5,5		34			34	33,5	32,5	31	29,5	27	24										
CP-G 65-4100/A/BAQE/7,5		41			41	41	40	39	37,5	35,5	33	30	26,5								
CP-G 65-4700/A/BAQE/11		47					45,5	45	44,3	43,3	42	40,8	39	37	35	32,3					
CP-G 65-5500/A/BAQE/15		55					56	55,5	54	53,5	52	51	49	47,5	45,5	43	41				
CP-G 65-6150/A/BAQE/18,5		61,5					62	62	61,5	60,5	59	58	56,5	55	53	51	48,5	43			
CP-G 65-6750/A/BAQE/22		67,5					68	67,5	67	66	65,5	64	62,5	61	59,5	57	55	50			
CP-G 65-7350/A/BAQE/22		73,5					75	74,5	73,8	73,5	71	68,5	67	65	62,5	60	57	49			
CP-G 65-9250/A/BAQE/30		92,5					94	94	94	93	91	89,4	87,5	85,6	83	81,5	78	72			

MODEL	Q=m³h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150
	Q=l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500
CP-G 80-1400/A/BAQE/2,2	H (m)	14				13,8	13,3	12,9	12,5	12,1	11,4	10,8	10	9,2	8,3	7,5					
CP-G 80-1700/A/BAQE/3		17				16,5	16	15,5	15	14,5	13,7	13	12	11	10	9					
CP-G 80-2050/A/BAQE/4		20,5				20	19,5	19,1	18,5	18	17,5	16,5	15,8	14,8	14	12,5	11,5				
CP-G 80-2400/A/BAQE/5,5		24				23,6	23,5	23,2	22,8	22,2	21,5	21	20	19,1	18,5	17,5	16,5	13,4			
CP-G 80-2770/A/BAQE/7,5		27,7								27,5	27,3	27,1	26,7	25,8	25,6	24,9	24,5	23	21,2	20,1	
CP-G 80-3250/A/BAQE/11		32,5								32,2	32	31,8	31,3	30,2	30	29,2	28,7	27	24,8	23,6	
CP-G 80-4000/A/BAQE/15		40								40,2	40	39,8	39,5	39	38,5	38,2	37,5	36	34,5	33,5	26,9
CP-G 80-5150/A/BAQE/18,5		51,5								52	52	51,5	50,5	50	49	48,5	47,5	45	42,5	41	
CP-G 80-5650/A/BAQE/22		56,5								58	58	57,5	57	56,5	56	55	54,5	53	51	49	
CP-G 80-6850/A/BAQE/30		68,5								70	70	70	68,5	69	68,8	68,5	67,5	66	64	63	57
CP-G 80-8600/A/BAQE/37		86								83	82,5	82,5	82	81,5	81	80	79	76,5	73,5	72	60
CP-G 80-9600/A/BAQE/45		96								92,5	92	92	91,5	91,5	91	90	89,5	87,5	85	83	72,5
CP-G 80-1200/A/BAQE/55		102						101,6	101,5	101,3	101,1	100,7	100,3	99,7	99,1	98,3	97,4	95,4	92,9	91,5	83,2

CP-G - 2 POLES

MODEL	Q =m³h	0	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240	270	300	330	360	390	420
	Q =l/min	0	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
CP-G 100-1600/A/BAQE/4		16	15	14,6	14,2	13,7	13,3	12,8	12,3	11,7	11	10	9,3	8											
CP-G 100-1950/A/BAQE/5,5		19,5	19	18,9	18,7	18,4	18,1	17,5	17,2	16,9	16,5	15,8	14,5	13	12										
CP-G 100-2350/A/BAQE/7,5		23,5	23,1	23	22,8	22,6	22,5	22	21,6	21,1	20,7	20,2	19	17,5	14,8	12									
CP-G 100-2400/A/BAQE/11		24										22	21,4	20,4	20	17,4	16,8	12							
CP-G 100-3050/A/BAQE/15		30,5										29	28,4	27,5	27	24,5	21,3	18,3							
CP-G 100-3550/A/BAQE/18,5		35,5										34,3	33,6	32,6	32,3	29,8	26,8	23,6	20						
CP-G 100-3850/A/BAQE/22	H (m)	38,5										37,2	36,8	36	35,8	33,5	30,8	27,5	24						
CP-G 100-4800/A/BAQE/30		48										48,5	48,2	47,5	47	44,7	41	36	29						
CP-G 100-5600/A/BAQE/37		56										58	57,5	57,2	57	55	52	48	43						
CP-G 100-6300/A/BAQE/45		63										65,5	65	64	63	61,9	58,9	55,5	50,6	44,2					
CP-G 100-8300/A/BAQE/55		83										83,7	83,7	83,7	83,2	80,7	77,3	72,8	66,4	59,5					
CP 125-4750/A/BAQE/37		46,5														45	44	42	39	37	34,5	31	28		
CP-G 125-5300/A/BAQE/45		51,5														51	50	48,5	46	44	42	39	35	31,5	
CP-G 125-5800/A/BAQE/55		57,5														57	56	55	53	51	49	46	43	39	36

DPC - 2 POLES

MODEL	Q=m³h	6	7,5	9	10,5	12	13,5	15	18	21	24	27	30	36	42	48	54	60	75	90	105	120	135
	Q=l/min	100	125	150	175	200	225	250	300	400	450	500	600	700	800	800	900	1000	1250	1500	1750	2000	2250
DCP 40/1250 T		12,5	11,5	10,5	9,5	8,1	6,8	5,2															
DCP 40/1650 T		16,5	15,5	14,5	13,5	12,3	11	9,5	6														
DCP 40/2050 T		20,5	20	19	18	17	16	15	11,5	7,5													
DCP 40/2450 T		24,5	24	23,5	23	22	21	20	16,5	13													
DCP 50/1550 T	H (m)							15,5	15	14,1	13	11,8	10,5	7									
DCP 50/1900 T								19	18,5	17,5	16,5	15,5	14,5	10,5									
DCP 50/2450 T								24,5	24	23,5	23	22	20,5	17									
DCP 50/3000 T								30	29	28	26,5	25	23	18									
DCP 50/3650 T								36,5	35,5	34,5	33,5	32,5	31	27									

DPC-G - 2 POLES

MODEL	Q=m³h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102
	Q=l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700
DCP-G 65-1470/A/BAQE/1,5		14,4	14,2	13,8	13,1	12,0	10,6	9,0	7,0	5,3								
DCP-G 65-1900/A/BAQE/2,2		18,6	18,3	17,8	16,9	15,7	14,2	12,5	10,5	8,3								
DCP-G 65-2280/A/BAQE/3		22,3			21,1	19,9	18,4	16,8	14,7	12,5	10,2							
DCP-G 65-2640/A/BAQE/4		25,9			24,6	23,7	22,2	20,7	18,8	16,4	14,0	11,4						
DCP-G 65-3400/A/BAQE/5,5		33,3			32,5	31,4	29,7	27,4	25,0	21,7	18,2							
DCP-G 65-4100/A/BAQE/7,5		40,2			39,6	39,0	37,4	35,7	33,4	30,7	27,5	23,9	20,1					
DCP-G 65-4700/A/BAQE/11	H (m)	46,4					44,3	43,6	42,6	41,3	39,6	38,1	35,9	33,6	31,3	28,4		
CDP-G 65-5500/A/BAQE/15		54,3					54,7	53,9	52,1	51,2	49,4	48,0	45,6	43,7	41,3	38,4	36,1	
DCP-G 65-6150/A/BAQE/18,5		60,8					60,7	60,4	59,7	58,4	56,5	55,2	53,3	51,4	49,0	46,7	43,8	37,8
DCP-G 65-6750/A/BAQE/22		66,7					66,6	65,8	65,0	63,7	62,8	60,9	58,9	57,0	55,0	52,1	49,7	44,0
DCP-G 65-7350/A/BAQE/22		72,6					73,4	72,6	71,6	70,9	68,0	65,1	63,2	60,7	57,8	54,9	51,5	43,1
DCP-G 65-9250/A/BAQE/30		91,4					92,0	91,6	91,2	89,7	87,2	85,0	82,5	80,0	76,8	74,6	70,5	63,3

DCP-G - 2 POLES

MODEL	Q=m³h	0	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150
	Q=l/min	0	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500
DCP-G 80-1400/A/BAQE/2,2	H (m)	13,7	14,3	13,7	13,0	12,3	11,4	10,3	9,1	7,8	6,5	5,2	4,0					
DCP-G 80-1700/A/BAQE/3		16,7	17,1	16,5	15,7	14,7	13,7	12,3	11,0	9,4	7,8	6,2	4,8					
DCP-G 80-2050/A/BAQE/4		20,1	20,8	20,1	19,5	18,4	17,4	16,2	14,6	13,1	11,3	9,7	7,7	6,1				
DCP-G 80-2400/A/BAQE/5,5		23,5	24,5	24,4	23,9	23,1	22,1	20,8	19,6	17,9	16,3	14,8	13,0	11,2	7,1			
DCP-G 80-2770/A/BAQE/7,5		27,1					26,6	26,0	25,3	24,3	22,8	21,9	20,5	19,3	16,2	13,0	11,3	
DCP-G 80-3250/A/BAQE/11		31,9					31,2	30,5	29,7	28,5	26,7	25,6	24,0	22,6	19,1	15,2	13,2	
DCP-G 80-4000/A/BAQE/15		39,2					39,7	39,1	38,5	37,7	36,7	35,6	34,6	33,2	30,1	26,9	25,1	15,1
DCP-G 80-5150/A/BAQE/18,5		48,3					48,9	48,6	47,7	46,3	45,3	43,8	42,7	41,1	37,4	33,6	31,5	
DCP-G 80-5650/A/BAQE/22		53,0					54,5	54,2	53,2	52,3	51,2	50,1	48,4	47,2	44,0	40,3	37,7	
DCP-G 80-6850/A/BAQE/30		64,3					66,3	66,1	65,8	64,1	64,1	63,5	62,7	61,2	58,5	55,2	53,5	43,8
DCP-G 80-8600/A/BAQE/37		86,4					85,3	84,9	85,1	84,7	84,3	83,8	82,9	81,9	79,3	76,2	74,6	61,8
DCP-G 80-9600/A/BAQE/45		96,4					95,1	94,7	94,9	94,5	94,6	94,2	93,2	92,8	90,7	88,1	86,0	74,7
DCP-G 80-10200/A/BAQE/55		102,4			103,9	104,1	104,1	104,1	103,9	103,6	103,1	102,6	101,8	101,0	98,9	96,3	94,8	85,7

MODEL	Q=m³h	0	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240	270
	Q=l/min	0	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000	4500
DCP-G 100-1600/A/BAQE/4	H (m)	16,0	15,8	15,2	14,5	13,6	12,8	11,8	10,8	9,6	8,4	7,3	5,1	3,0						
DCP-G 100-1950/A/BAQE/5,5		19,5	20,1	19,8	19,2	18,5	17,7	16,5	15,5	14,5	13,3	11,8	9,0	6,0	4,5					
DCP-G 100-2350/A/BAQE/7,5		23,5	24,5	24,4	24,0	23,6	23,1	22,2	21,4	20,4	19,4	18,3	15,7	12,9	11,7	4,5				
DCP-G 100-2400/A/BAQE/11		23,6										21,9	21,0	19,7	19,1	15,5	13,4	8,2		
DCP-G 100-3050/A/BAQE/15		30,0										28,9	27,9	26,5	25,8	21,8	17,0	12,5		
DCP-G 100-3550/A/AQE/18,5		34,9										34,6	33,5	32,1	31,6	27,8	23,3	18,5	13,7	
DCP-G 100-3850/A/BAQE/22		37,9										37,2	36,8	36,0	35,8	33,5	30,8	27,5	24,0	
DCP-G 100-4800/A/BAQE/30		52,7										52,1	51,6	50,7	50,0	47,1	42,7	37,0	29,3	
DCP-G 100-5600/A/BAQE/37		61,5										62,4	61,6	61,0	60,7	57,9	54,1	49,3	43,5	
DCP-G 100-6300/A/BAQE/45		68,1										70,1	69,3	67,9	66,7	62,7	57,1	49,5		
DCP-G 100-8300/A/BAQE/55		77,8										79,0	79,0	79,0	78,5	76,1	72,7	68,2	61,8	55,0

MODEL	Q=m³h	0	150	180	210	240	270	300	330	360	390	420
	Q=l/min	0	2500	3000	3500	4000	4500	500	5500	6000	6500	7000
DCP-G 125-4750/A/BAQE/37	H (m)	45,0	44,2	42,0	39,0	36,0	31,0	26,4	20,0	17,1		
DCP-G 125-5300/A/BAQE/45		49,6	50,5	50,0	48,0	43,5	39,0	34,1	29,0	24,0	19,3	
DCP-G 125-5800/A/BAQE/55		55,7	56,7	56,0	52,0	50,0	46,0	41,7	39,0	32,0	28,0	22,0

NEW

CP / CP-G / DCP / DCP-G - 2 POLES

IN-LINE PUMPS

HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM



Circulating pumps with in-line connections, suitable for civil and industrial installations for heating, air-conditioning and hot water for domestic use. Pump body and motor support in cast iron. PN 16 flanged suction and delivery connections with threaded holes for control pressure gauges. Technopolymer impeller and carbon/ceramic mechanical seal.
Three-phase, four-pole, asynchronous motor with external ventilation. To protect the motor it is advisable to use a thermal overload protection complying with the regulations in force.

Operating range: from 3,6 to 420 m³/h with head up to 102 metres.
Liquid temperature range: from -10°C to +140°C.
Pumped liquid characteristics: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral.
Maximum ambient temperature: +40°C
Maximum working pressure: 16 bar (1600 kPa).
Protection level: IP 55
Insulation class: F
PN 16 counter flanges on request.
IE3 motor efficiency class available on request for CM-G and DCM-G. Please contact our sales network for a price quotation.

ACCESSORIES
PAG. 227

TECHNICAL DATA - CP/CP-G

MODEL	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA						
			VOLTAGE 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A	
						kW	HP	230	400
CP 40/1900 T	390	DN 40	3 x 230 - 400 V ~	2910	1,1	0,75	1	5,4	3,1
CP 40/2300 T	390	DN 40	3 x 230 - 400 V ~	2870	1,45	1,1	1,5	5,9	3,4
CP 40/2700 T	390	DN 40	3 x 230 - 400 V ~	2850	1,89	1,5	2	7,1	4,1
CP 40/3500 T	390	DN 40	3 x 230 - 400 V ~	2880	2,53	2,21	3	8,9	5,1
CP 40/3800 T	380	DN 40	3 x 230 - 400 V ~	2900	3,54	3	4	10,2	5,9
CP 40/4700 T	380	DN 40	3 x 230 - 400 V ~	2900	4,87	4	5,5	13,5	7,8
CP 40/5500 T	425	DN 40	3 x 400 V ~ [1]	2900	6,57	5,5	7,5		10,6
CP 40/6200 T	425	DN 40	3 x 400 V ~ [1]	2900	9,18	7,5	10		14,2
CP 50/2200 T	425	DN 50	3 x 230 - 400 V ~	2870	1,42	1,1	1,5	5,8	3,4
CP 50/2600 T	425	DN 50	3 x 230 - 400 V ~	2860	1,89	1,5	2	6,9	4,0
CP 50/3100 T	400	DN 50	3 x 230 - 400 V ~	2870	2,51	2,2	3	8,7	5,0
CP 50/4100 T	400	DN 50	3 x 230 - 400 V ~	2910	3,8	4	5,5	11,6	6,7
CP 50/4600 T	360	DN 50	3 x 400 V ~ [1]	2900	6,57	5,5	7,5		10,6
CP 50/5100 T	360	DN 50	3 x 400 V ~ [1]	2900	9,18	7,5	10		14,2
CP 50/5650 T	360	DN 50	3 x 400 V ~ [1]	2900	9,18	7,5	10		14,2
CP-G 65-1470/A/BAQE/1,5	360	DN 65	3x230-400 V ~	2883	1,9	1,50	2,00	5,8	3,3
CP-G 65-1900/A/BAQE/2,2	360	DN 65	3x230-400 V ~	2872	3,1	2,20	3,00	9,3	5,3
CP-G 65-2280/A/BAQE/3	360	DN 65	3 x 400 V ~ [1]	2882	3,4	3,00	4,00		5,7
CP-G 65-2640/A/BAQE/4	360	DN 65	3 x 400 V ~ [1]	2910	4,7	4,00	5,50		7,9
CP-G 65-3400/A/BAQE/5,5	360	DN 65	3 x 400 V ~ [1]	2913	6,6	5,50	7,50		10,9
CP-G 65-4100/A/BAQE/7,5	360	DN 65	3 x 400 V ~ [1]	2900	8,6	7,50	10,00		14,1
CP-G 65-4700/A/BAQE/11	475	DN 65	3 x 400 V ~ [1]	2940	14,1	11,00	15,00		22,7
CP-G 65-5500/A/BAQE/15	475	DN 65	3 x 400 V ~ [1]	2943	17,2	15,00	20,00		27,9
CP-G 65-6150/A/BAQE/18,5	475	DN 65	3 x 400 V ~ [1]	2947	21,8	18,50	25,00		35,1
CP-G 65-6750/A/BAQE/22	475	DN 65	3 x 400 V ~ [1]	2963	19,9	22,00	30,00		33,3
CP-G 65-7350/A/BAQE/22	475	DN 65	3 x 400 V ~ [1]	2961	24,1	22,00	30,00		39,8
CP-G 65-9250/A/BAQE/30	475	DN 65	3 x 400 V ~ [1]	2950	32,5	30,00	40,00		52,2

DAB PUMPS reserves the right to make modifications without notice

TECHNICAL DATA - CP-G

MODEL	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA						
			VOLTAGE 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A	
						kW	HP	230	400
CP-G 80-1400/A/BAQE/2,2	360	DN 80	3x230-400 V ~	2874	3,0	2,20	3,00	9,0	5,2
CP-G 80-1700/A/BAQE/3	360	DN 80	3 x 400 V ~ [1]	2880	3,5	3,00	4,00		5,8
CP-G 80-2050/A/BAQE/4	360	DN 80	3 x 400 V ~ [1]	2914	5,0	4,00	5,50		8,5
CP-G 80-2400/A/BAQE/5,5	360	DN 80	3 x 400 V ~ [1]	2910	6,4	5,50	7,50		10,5
CP-G 80-2770/A/BAQE/7,5	440	DN 80	3 x 400 V ~ [1]	2905	9,2	7,50	10,00		14,9
CP-G 80-3250/A/BAQE/11	440	DN 80	3 x 400 V ~ [1]	2932	12,7	11,00	15,00		20,7
CP-G 80-4000/A/BAQE/15	440	DN 80	3 x 400 V ~ [1]	2945	17,5	15,00	20,00		28,4
CP-G 80-5150/A/BAQE/18,5	500	DN 80	3 x 400 V ~ [1]	2943	21,0	18,50	25,00		33,9
CP-G 80-5650/A/BAQE/22	500	DN 80	3 x 400 V ~ [1]	2967	25,3	22,00	30,00		41,5
CP-G 80-6850/A/BAQE/30	500	DN 80	3 x 400 V ~ [1]	2951	32,8	30,00	40,00		52,5
CP-G 80-8600/A/BAQE/37	620	DN 80	3 x 400 V ~ [1]	2967	41,9	37,00	50,00		67,3
CP-G 80-9600/A/BAQE/45	620	DN 80	3 x 400 V ~ [1]	2966	51,2	45,00	60,00		82,1
CP-G 80-1200/A/BAQE/55	620	DN 80	3 x 400 V ~ [1]	2979	63,2	55,00	75,00		101,4
CP-G 100-1600/A/BAQE/4	500	DN 100	3 x 400 V ~ [1]	2918	5,3	4,00	5,50		8,9
CP-G 100-1950/A/BAQE/5,5	500	DN 100	3 x 400 V ~ [1]	2918	7,0	5,50	7,50		11,4
CP-G 100-2350/A/BAQE/7,5	500	DN 100	3 x 400 V ~ [1]	2906	9,2	7,50	10,00		15,0
CP-G 100-2400/A/BAQE/11	550	DN 100	3 x 400 V ~ [1]	2940	13,9	11,00	15,00		22,4
CP-G 100-3050/A/BAQE/15	550	DN 100	3 x 400 V ~ [1]	2941	16,9	15,00	20,00		27,5
CP-G 100-3550/A/BAQE/18,5	550	DN 100	3 x 400 V ~ [1]	2948	21,9	18,50	25,00		35,3
CP-G 100-3850/A/BAQE/22	550	DN 100	3 x 400 V ~ [1]	2973	26,5	22,00	30,00		43,4
CP-G 100-4800/A/BAQE/30	550	DN 100	3 x 400 V ~ [1]	2966	39,2	30,00	40,00		62,6
CP-G 100-5600/A/BAQE/37	550	DN 100	3 x 400 V ~ [1]	2975	45,0	37,00	50,00		72,2
CP-G 100-6300/A/BAQE/45	550	DN 100	3 x 400 V ~ [1]	2975	55,9	45,00	60,00		89,5
CP-G 100-8300/A/BAQE/55	670	DN 100	3 x 400 V ~ [1]	2981	70,1	55,00	75,00		112,4
CP-G 125-4750/A/BAQE/37	620	DN 125	3 x 400 V ~ [1]	2975	44,7	37,00	50,00		71,8
CP-G 125-5300/A/BAQE/45	620	DN 125	3 x 400 V ~ [1]	2973	53,9	45,00	60,00		86,3
CP-G 125-5800/A/BAQE/55	620	DN 125	3 x 400 V ~ [1]	2985	68,2	55,00	75,00		109,3

TECHNICAL DATA - DCP

MODEL	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA						
			VOLTAGE 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A	
						kW	HP	230	400
DCP 40/1250 T	340	DN 40	3 x 230 - 400 V ~	2900	0,83	0,75	1	2,9	1,7
DCP 40/1650 T	340	DN 40	3 x 230 - 400 V ~	2900	1,05	0,75	1	2,9	1,7
DCP 40/2050 T	340	DN 40	3 x 230 - 400 V ~	2900	1,33	1	1,35	4,3	2,5
DCP 40/2450 T	340	DN 40	3 x 230 - 400 V ~	2900	2,07	1,5	2	5,9	3,4
DCP 50/1550 T	365	DN 50	3 x 230 - 400 V ~	2900	2,07	1,5	2	5,9	3,4
DCP 50/1900 T	365	DN 50	3 x 230 - 400 V ~	2900	2,53	2	2,7	8,0	4,6
DCP 50/2450 T	365	DN 50	3 x 230 - 400 V ~	2900	3,54	3	4	10,2	5,9
DCP 50/3000 T	365	DN 50	3 x 230 - 400 V ~	2900	3,54	3	4	10,2	5,9
DCP 50/3650 T	410	DN 50	3 x 230 - 400 V ~	2900	4,87	4	5,5	13,5	7,8
DCP-G 65-1470/A/BAQE/1,5	360	DN 65	3x230-400 V ~	2883	1,9	1,50	2,00	5,8	3,3
DCP-G 65-1900/A/BAQE/2,2	360	DN 65	3x230-400 V ~	2872	3,1	2,20	3,00	9,3	5,3
DCP-G 65-2280/A/BAQE/3	360	DN 65	3 x 400 V ~ [1]	2882	3,4	3,00	4,00		5,7
DCP-G 65-2640/A/BAQE/4	360	DN 65	3 x 400 V ~ [1]	2910	4,7	4,00	5,50		7,9
DCP-G 65-3400/A/BAQE/5,5	360	DN 65	3 x 400 V ~ [1]	2913	6,6	5,50	7,50		10,9
DCP-G 65-4100/A/BAQE/7,5	360	DN 65	3 x 400 V ~ [1]	2900	8,6	7,50	10,00		14,1
DCP-G 65-4700/A/BAQE/11	475	DN 65	3 x 400 V ~ [1]	2940	14,1	11,00	15,00		22,7
DCP-G 65-5500/A/BAQE/15	475	DN 65	3 x 400 V ~ [1]	2943	17,2	15,00	20,00		27,9
DCP-G 65-6150/A/BAQE/18,5	475	DN 65	3 x 400 V ~ [1]	2947	21,8	18,50	25,00		35,1
DCP-G 65-6750/A/BAQE/22	475	DN 65	3 x 400 V ~ [1]	2963	19,9	22,00	30,00		33,3
DCP-G 65-7350/A/BAQE/22	475	DN 65	3 x 400 V ~ [1]	2961	24,1	22,00	30,00		39,8
DCP-G 65-9250/A/BAQE/30	475	DN 65	3 x 400 V ~ [1]	2950	32,5	30,00	40,00		52,2

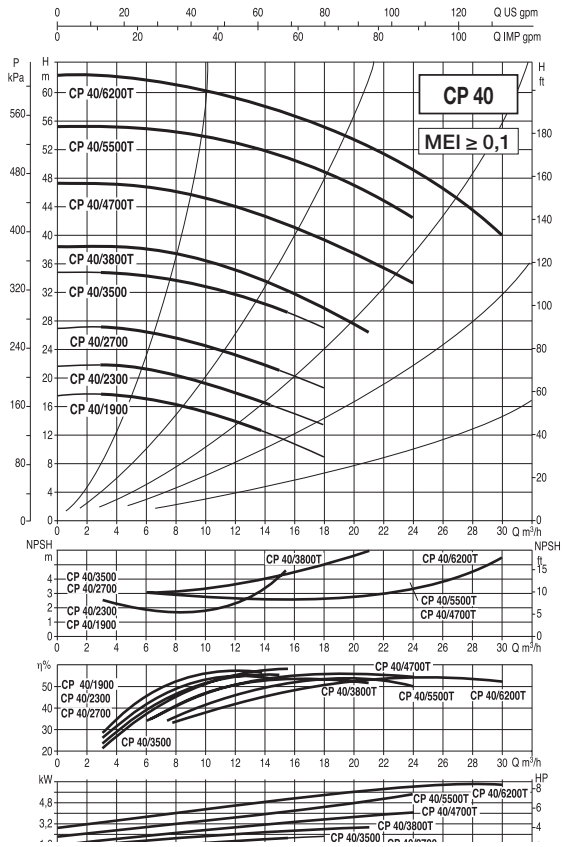
DAB PUMPS reserves the right to make modifications without notice

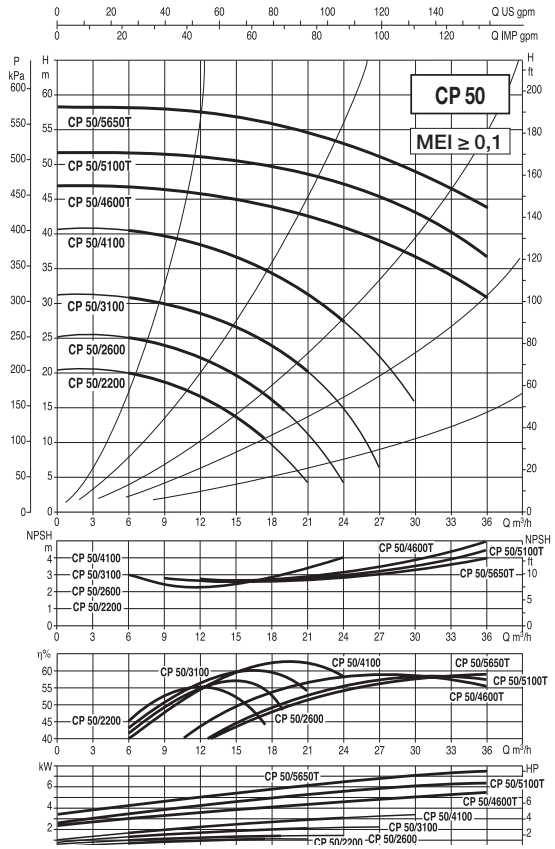
TECHNICAL DATA - DCP-G

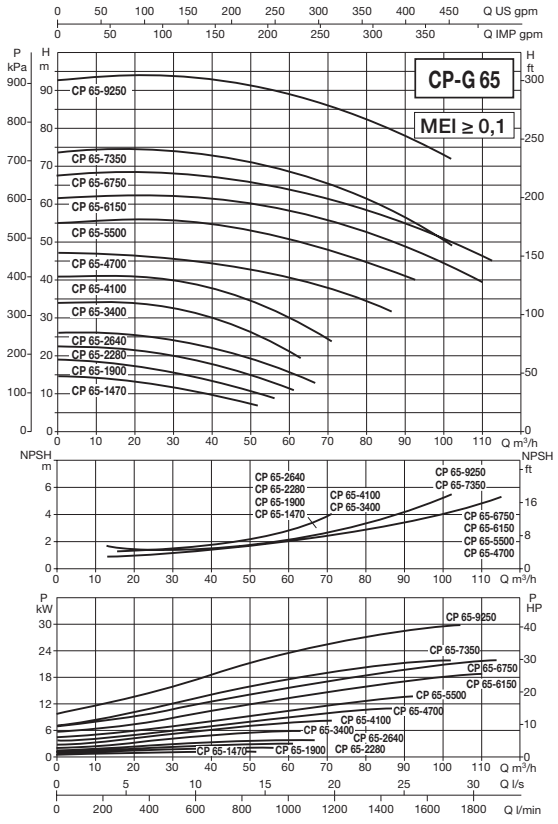
MODEL	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA						
			VOLTAGE 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A	
						kW	HP	230	400
DCP-G 80-1400/A/BAQE/2,2	360	DN 80	3x230-400 V ~	2874	3,0	2,20	3,00	9,0	5,2
DCP-G 80-1700/A/BAQE/3	360	DN 80	3 x 400 V ~ [1]	2880	3,5	3,00	4,00		5,8
DCP-G 80-2050/A/BAQE/4	360	DN 80	3 x 400 V ~ [1]	2914	5,0	4,00	5,50		8,5
DCP-G 80-2400/A/BAQE/5,5	360	DN 80	3 x 400 V ~ [1]	2910	6,4	5,50	7,50		10,5
DCP-G 80-2770/A/BAQE/7,5	440	DN 80	3 x 400 V ~ [1]	2905	9,2	7,50	10,00		14,9
DCP-G 80-3250/A/BAQE/11	440	DN 80	3 x 400 V ~ [1]	2932	12,7	11,00	15,00		20,7
DCP-G 80-4000/A/BAQE/15	440	DN 80	3 x 400 V ~ [1]	2945	17,5	15,00	20,00		28,4
DCP-G 80-5150/A/BAQE/18,5	500	DN 80	3 x 400 V ~ [1]	2943	21,0	18,50	25,00		33,9
DCP-G 80-5650/A/BAQE/22	500	DN 80	3 x 400 V ~ [1]	2967	25,3	22,00	30,00		41,5
DCP-G 80-6850/A/BAQE/30	500	DN 80	3 x 400 V ~ [1]	2951	32,8	30,00	40,00		52,5
DCP-G 80-8600/A/BAQE/37	620	DN 80	3 x 400 V ~ [1]	2967	41,9	37,00	50,00		67,3
DCP-G 80-9600/A/BAQE/45	620	DN 80	3 x 400 V ~ [1]	2966	51,2	45,00	60,00		82,1
DCP-G 80-10200/A/BAQE/55	620	DN 80	3 x 400 V ~ [1]	2979	63,2	55,00	75,00		101,4
DCP-G 100-1600/A/BAQE/4	500	DN 100	3 x 400 V ~ [1]	2918	5,3	4,00	5,50		8,9
DCP-G 100-1950/A/BAQE/5,5	500	DN 100	3 x 400 V ~ [1]	2918	7,0	5,50	7,50		11,4
DCP-G 100-2350/A/BAQE/7,5	500	DN 100	3 x 400 V ~ [1]	2906	9,2	7,50	10,00		15,0
DCP-G 100-2400/A/BAQE/11	550	DN 100	3 x 400 V ~ [1]	2940	13,9	11,00	15,00		22,4
DCP-G 100-3050/A/BAQE/15	550	DN 100	3 x 400 V ~ [1]	2941	16,9	15,00	20,00		27,5
DCP-G 100-3550/A/BAQE/18,5	550	DN 100	3 x 400 V ~ [1]	2948	21,9	18,50	25,00		35,3
DCP-G 100-3850/A/BAQE/22	550	DN 100	3 x 400 V ~ [1]	2973	26,5	22,00	30,00		43,4
DCP-G 100-4800/A/BAQE/30	550	DN 100	3 x 400 V ~ [1]	2966	39,2	30,00	40,00		62,6
DCP-G 100-5600/A/BAQE/37	550	DN 100	3 x 400 V ~ [1]	2975	45,0	37,00	50,00		72,2
DCP-G 100-6300/A/BAQE/45	550	DN 100	3 x 400 V ~ [1]	2975	55,9	45,00	60,00		89,5
DCP-G 100-8300/A/BAQE/55	670	DN 100	3 x 400 V ~ [1]	2981	70,1	55,00	75,00		112,4
DCP-G 125-4750/A/BAQE/37	620	DN 125	3 x 400 V ~ [1]	2975	44,7	37,00	50,00		71,8
DCP-G 125-5300/A/BAQE/45	620	DN 125	3 x 400 V ~ [1]	2973	53,9	45,00	60,00		86,3
DCP-G 125-5800/A/BAQE/55	620	DN 125	3 x 400 V ~ [1]	2985	68,2	55,00	75,00		109,3

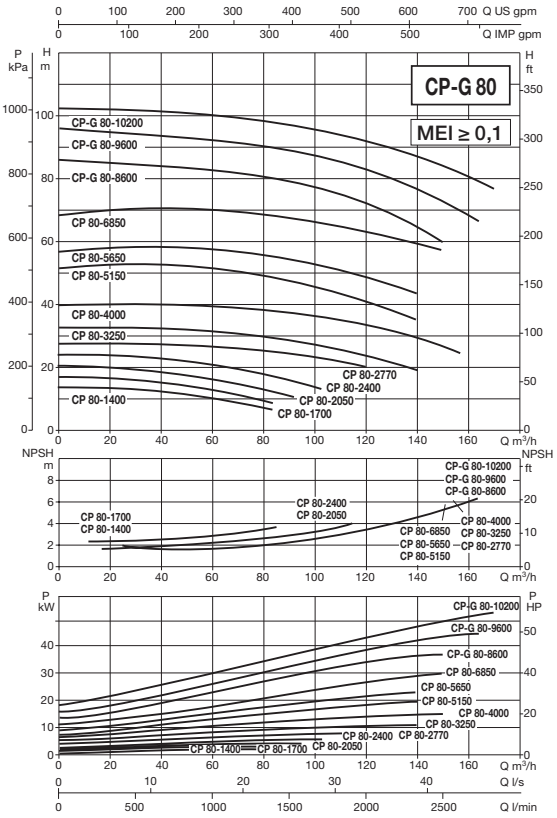
CP / CP-G / DCP / DCP-G - 2 POLES

IN-LINE PUMPS





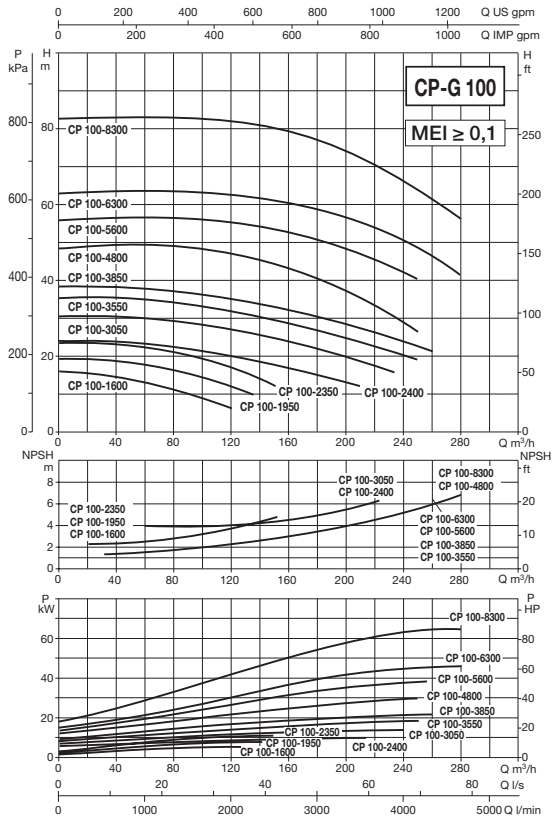


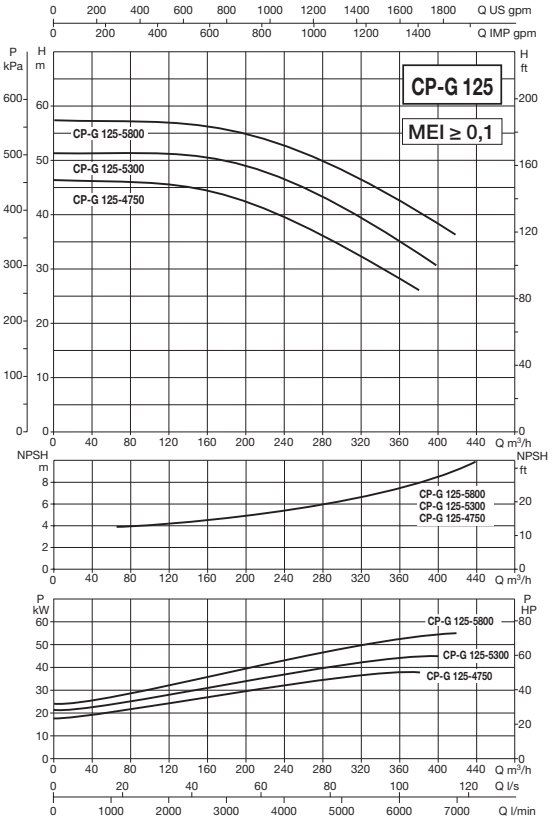


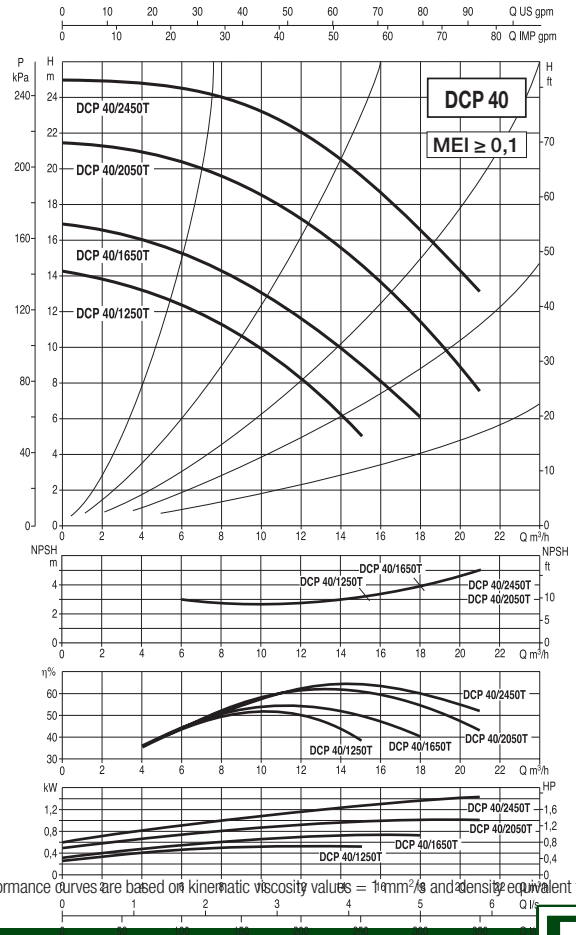
The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.

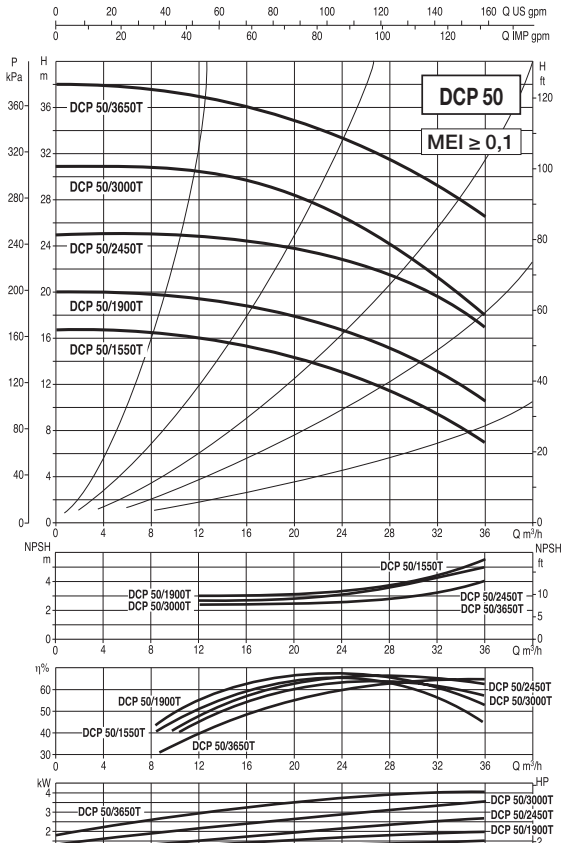
CP / CP-G / DCP / DCP-G - 2 POLES

IN-LINE PUMPS





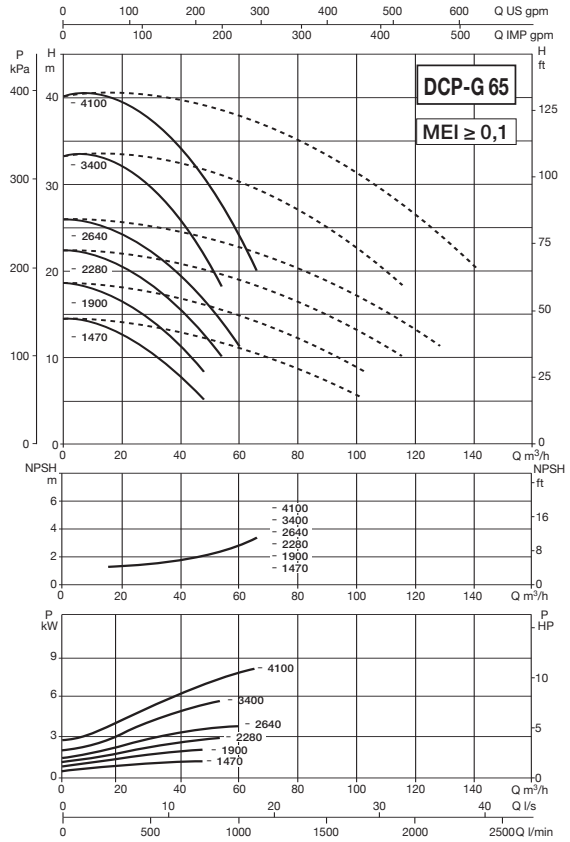


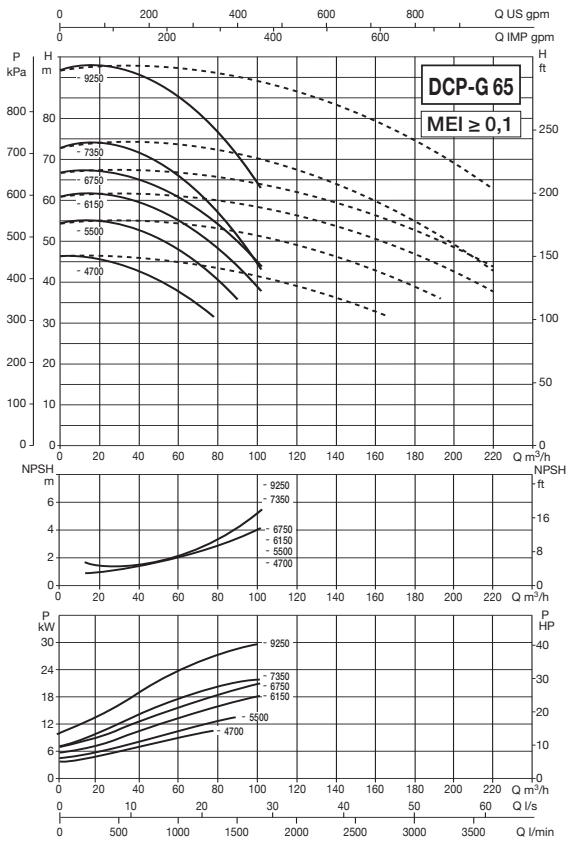


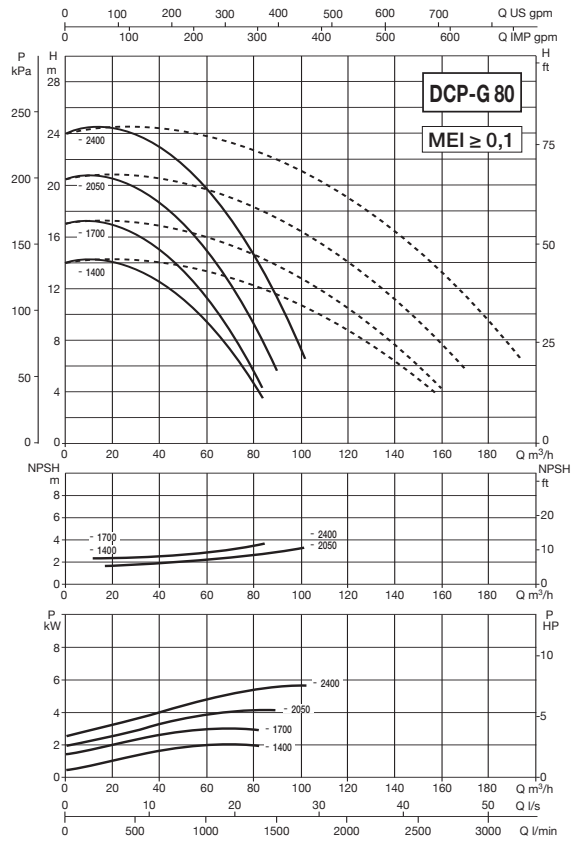
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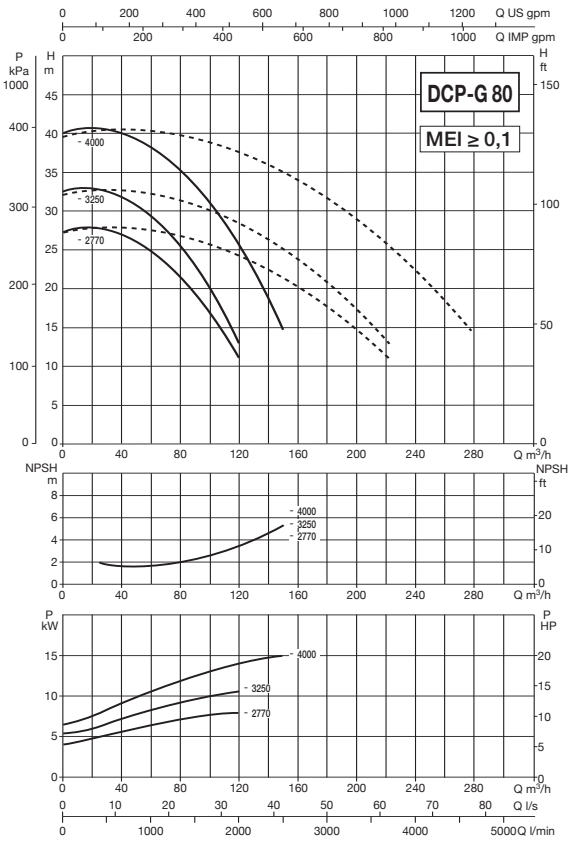
CP / CP-G / DCP / DCP-G - 2 POLES

IN-LINE PUMPS





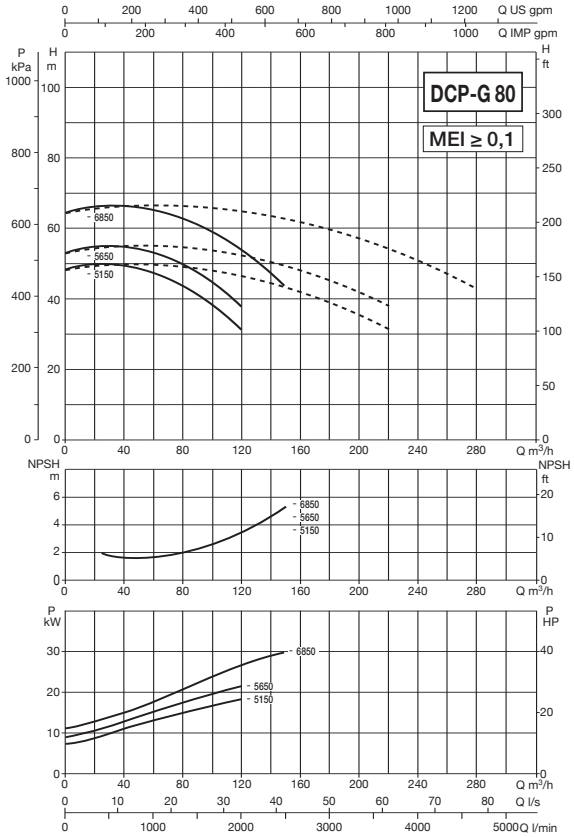


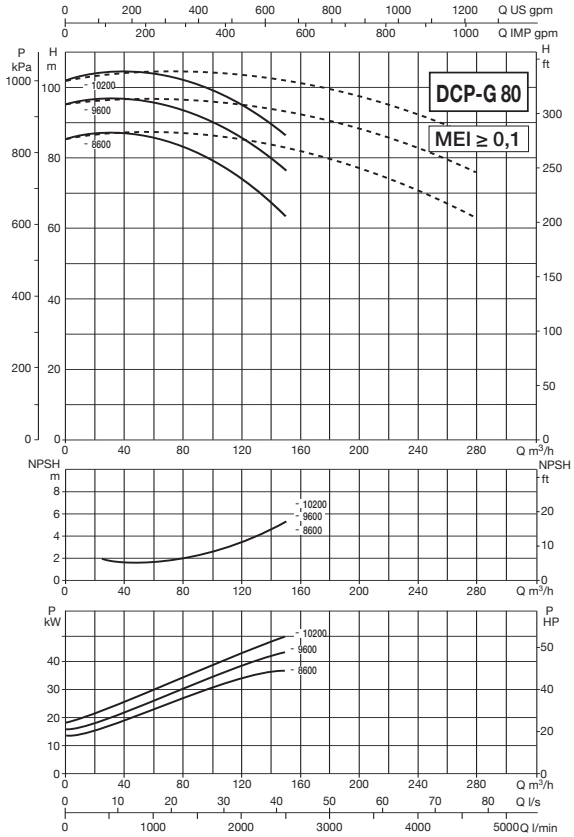


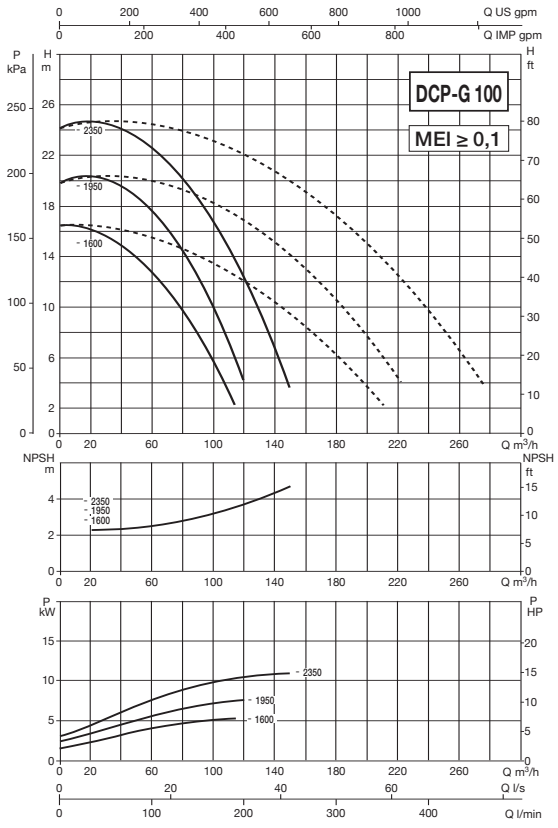
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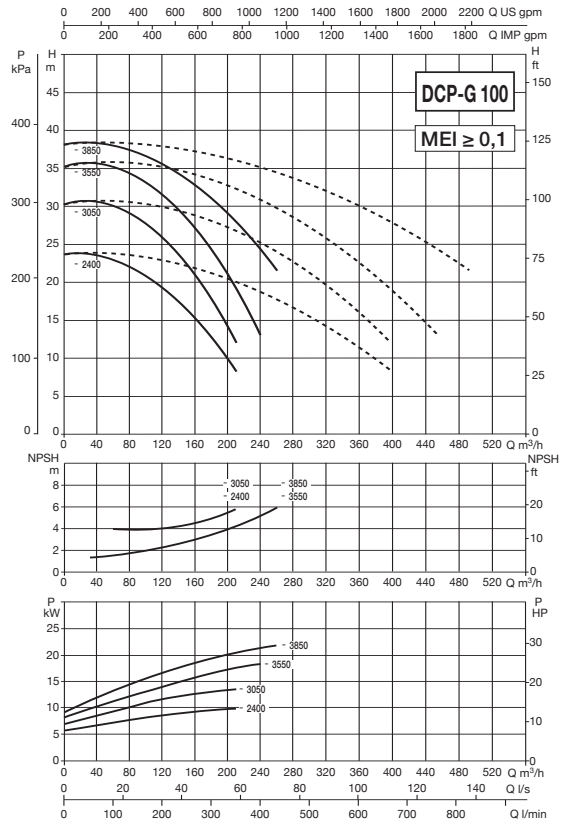
CP / CP-G / DCP / DCP-G - 2 POLES

IN-LINE PUMPS

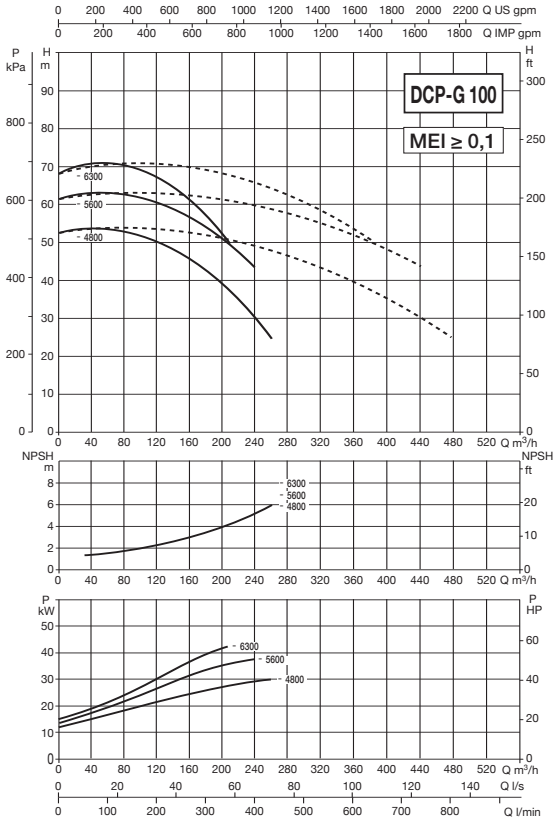


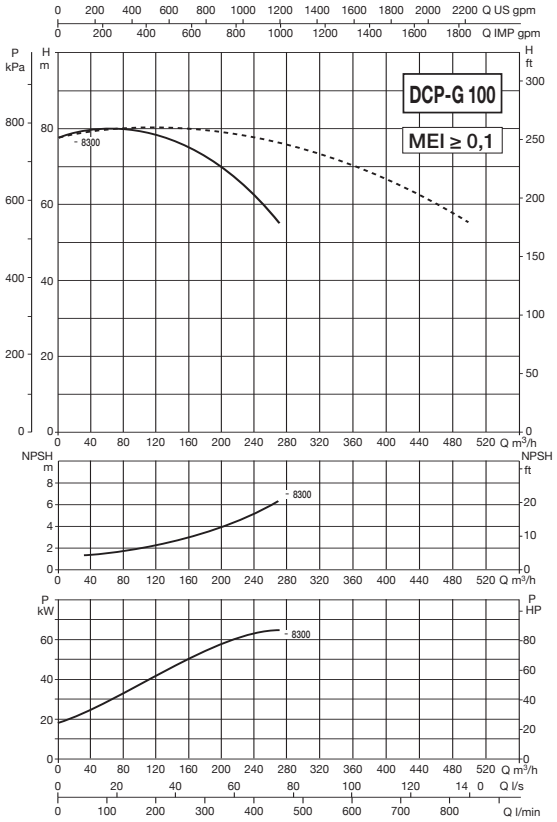


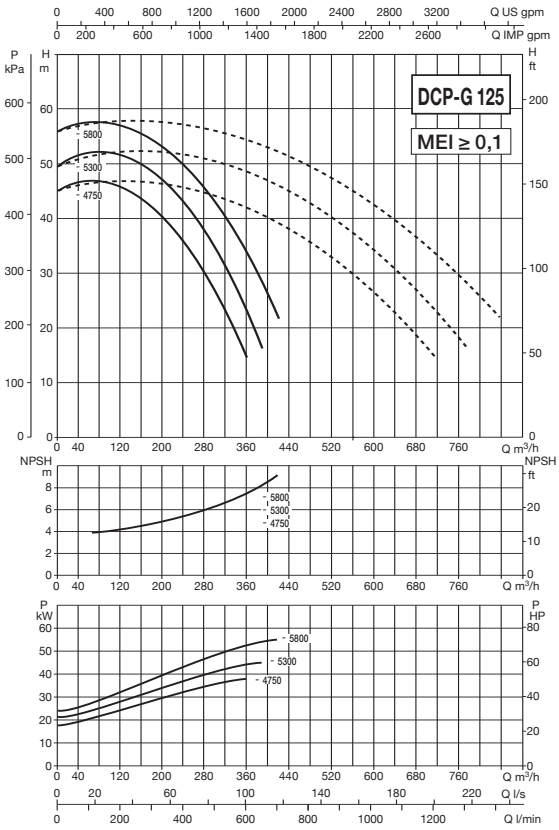




The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.

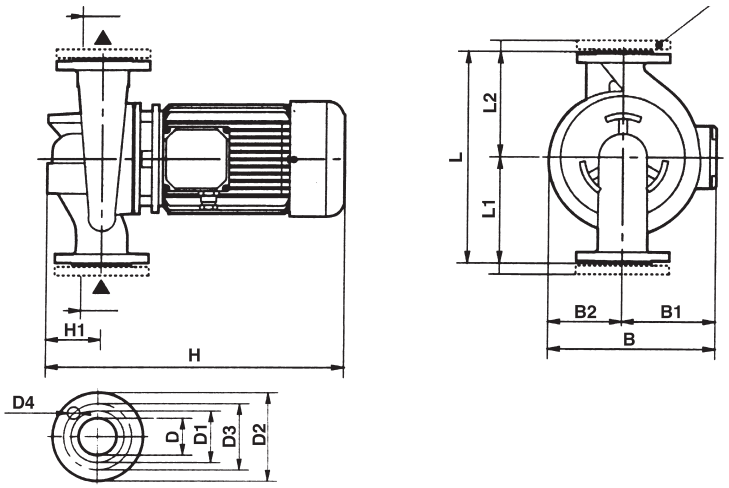


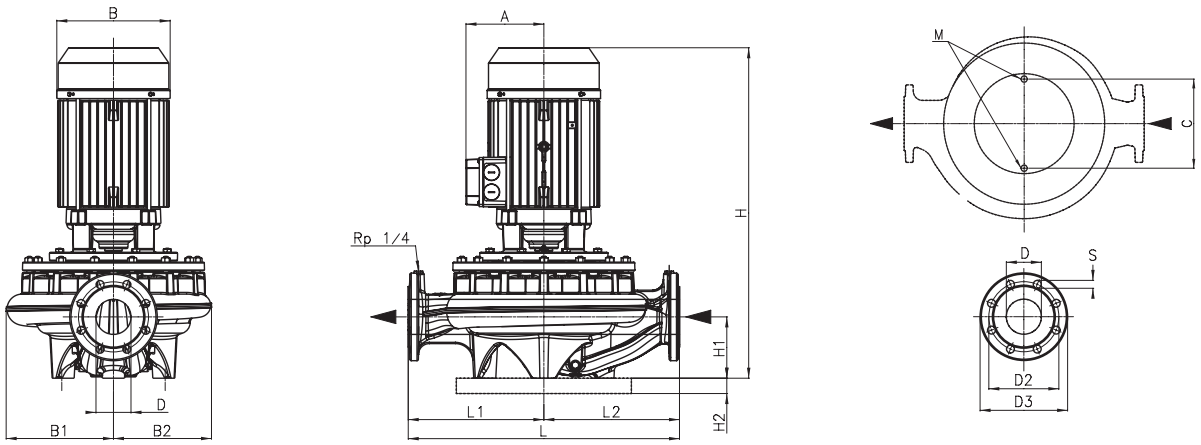




The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.

DIMENSIONS AND WEIGHTS - CP/CP-G





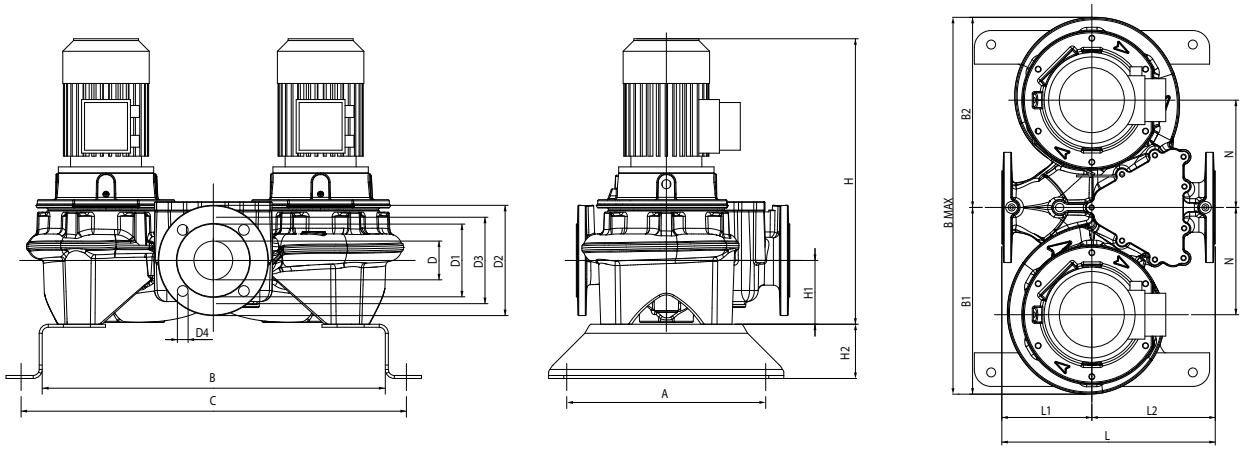
MODEL	L	L1	L2	B	B1	B2	H	H1	D	D1	D2	D3	D4 n° HOLES	PACKAGING DIMENSIONS L/A	PACKAGING DIMENSIONS L/B	PACKAGING DIMENSIONS H	VOLUME (mc)	WEIGHT Kg
CP 40/1900 T	390	200	190	231	118	113	453	95	40 PN 16	88	150	110	4 Ø14	680	330	580	0,13	41
CP 40/2300 T	390	200	190	231	118	113	453	95	40 PN 16	88	150	110		680	330	580	0,13	41
CP 40/2700 T	390	200	190	231	118	113	453	95	40 PN 16	88	150	110		680	330	580	0,13	39
CP 40/3500 T	390	200	190	231	118	113	453	95	40 PN 16	88	150	110		680	330	580	0,13	44
CP 40/3800 T	320	170	150	257	149	108	485	100	40 PN 6	88	150	110		450	270	465	0,4	37
CP 40/4700 T	380	200	180	286	159	127	535	100	40 PN 6	88	150	110		450	270	465	0,4	50
CP 40/5500 T	380	200	180	286	159	127	535	100	40 PN 6	88	150	110		450	270	465	0,4	55
CP 40/6200 T	380	200	180	286	159	127	535	100	40 PN 6	88	150	110		450	270	465	0,4	56
CP 50/2200 T	425	225	200	233	120	113	463	105	50 PN 16	102	165	125	4 Ø18	680	330	580	0,13	40
CP 50/2600 T	425	225	200	233	120	113	463	105	50 PN 16	102	165	125		680	330	580	0,13	41
CP 50/3100 T	425	225	200	233	120	113	537	105	50 PN 16	102	165	125		680	330	580	0,13	46
CP 50/4100 T	425	225	200	233	120	113	537	105	50 PN 16	102	165	125		680	330	580	0,13	54
CP 50/4600 T	400	220	180	290	159	131	545	110	50 PN 10	102	165	125		520	320	535	0,6	56
CP 50/5100 T	400	220	180	290	159	131	545	110	50 PN 10	102	165	125		520	320	535	0,6	57
CP 50/5650 T	400	220	180	290	159	131	545	110	50 PN 10	102	165	125		520	320	535	0,6	64

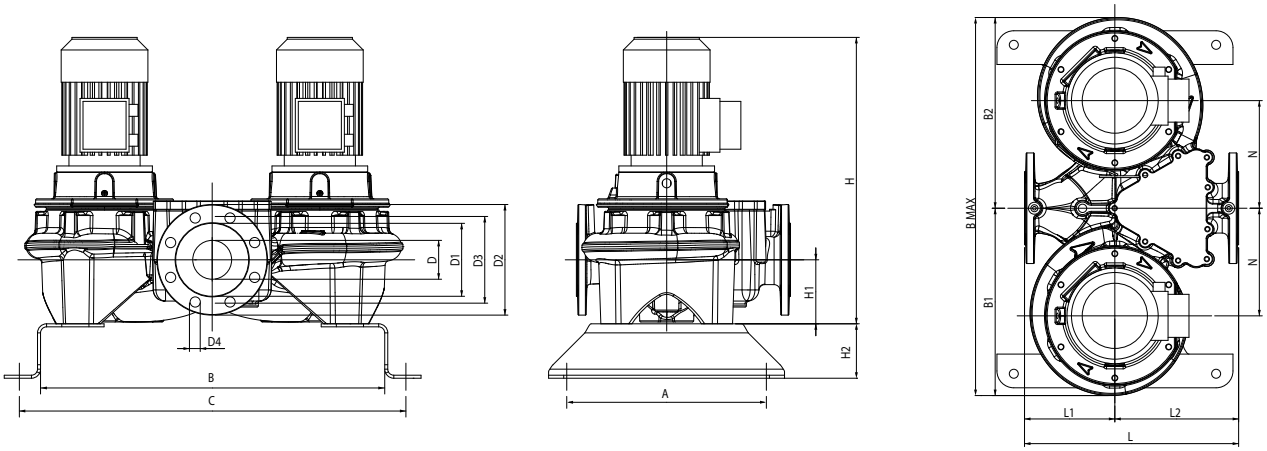
DIMENSIONS AND WEIGHTS - CP-G

MODEL	A	B	B1	B2	C	D	D2	D3	S	n° HOLES	H	H1	H2	L	L1	L2	M	PACKAGING DIMENSIONS			VOLUME (mc)	WEIGHT Kg
																		L/A	L/B	H		
CP-G 65-1470/A/BAQE/1,5	127	160	144	126	144	65	145	185	18	4	492	105	35	360	180	180	M16	670	390	710	0,185523	59,1
CP-G 65-1900/A/BAQE/2,2	127	160	144	126	144	65	145	185	18		492	105	35	360	180	180	M16	670	390	710	0,185523	67,6
CP-G 65-2280/A/BAQE/3	129	176	144	126	144	65	145	185	18		516	105	35	360	180	180	M16	670	390	710	0,185523	80,6
CP-G 65-2640/A/BAQE/4	144	193	144	126	144	65	145	185	18		562	105	35	360	180	180	M16	670	390	710	0,185523	87,1
CP-G 65-3400/A/BAQE/5,5	150	220	144	126	144	65	145	185	18		582	105	35	360	180	180	M16	670	390	710	0,185523	120,1
CP-G 65-4100/A/BAQE/7,5	178	259	144	126	144	65	145	185	18		664	105	35	360	180	180	M16	780	460	860	0,308568	123,7
CP-G 65-4700/A/BAQE/11	178	259	180	164	144	65	145	185	18		677	125	35	475	237,5	237,5	M16	780	460	860	0,308568	195,8
CP-G 65-5500/A/BAQE/15	178	259	180	164	144	65	145	185	18		677	125	35	475	237,5	237,5	M16	780	460	860	0,308568	213,8
CP-G 65-6150/A/BAQE/18,5	223	309	180	164	144	65	145	185	18		830	125	35	475	237,5	237,5	M16	900	550	1060	0,5247	230,9
CP-G 65-6750/A/BAQE/22	223	309	180	164	144	65	145	185	18		830	125	35	475	237,5	237,5	M16	900	550	1060	0,5247	230,9
CP-G 65-7350/A/BAQE/22	223	309	180	164	144	65	145	185	18		830	125	35	475	237,5	237,5	M16	900	550	1060	0,5247	270,6
CP-G 65-9250/A/BAQE/30	223	309	180	164	144	65	145	185	18		830	125	35	475	237,5	237,5	M16	900	550	1060	0,5247	362,2
CP-G 80-1400/A/BAQE/2,2	127	160	135	117	144	80	160	200	18	8	495	105	35	360	180	180	M16	520	290	700	0,10556	81,9
CP-G 80-1700/A/BAQE/3	129	176	135	117	144	80	160	200	18		519	105	35	360	180	180	M16	520	290	700	0,10556	85,7
CP-G 80-2050/A/BAQE/4	144	193	135	117	144	80	160	200	18		565	105	35	360	180	180	M16	520	290	700	0,10556	89,8
CP-G 80-2400/A/BAQE/5,5	150	220	135	117	144	80	160	200	18		585	105	35	360	180	180	M16	520	290	700	0,10556	124,4
CP-G 80-2770/A/BAQE/7,5	178	259	178	146	144	80	160	200	18		678	115	35	440	220	220	M16	780	460	860	0,308568	75,3
CP-G 80-3250/A/BAQE/11	178	259	178	146	144	80	160	200	18		678	115	35	440	220	220	M16	780	460	860	0,308568	84,5
CP-G 80-4000/A/BAQE/15	178	259	178	146	144	80	160	200	18		678	115	35	440	220	220	M16	780	460	860	0,308568	89,6
CP-G 80-5150/A/BAQE/18,5	223	309	190	164	144	80	160	200	18		830	115	35	500	250	250	M16	900	550	1060	0,5247	128
CP-G 80-5650/A/BAQE/22	223	309	190	164	144	80	160	200	18		830	115	35	500	250	250	M16	900	550	1060	0,5247	197,26
CP-G 80-6850/A/BAQE/30	223	309	190	164	144	80	160	200	18		830	115	35	500	250	250	M16	900	550	1060	0,5247	243,06
CP-G 80-8600/A/BAQE/37	341	400	245	224	230	80	160	200	18		1142	140	35	620	310	310	M16	900	550	1200	0,594	180,4
CP-G 80-9600/A/BAQE/45	360	463	245	224	230	80	160	200	18		1190	140	35	620	310	310	M16	900	550	1200	0,594	268,6
CP-G 80-10200/A/BAQE/55	390	516	245	224	230	80	160	200	18		1305	140	35	620	310	310	M16	900	550	1400	0,693	397,5
CP-G 100-1600/A/BAQE/4	144	193	158	126	144	100	180	220	18	8	602	140	35	500	250	250	M16	780	460	860	0,308568	76,7
CP-G 100-1950/A/BAQE/5,5	150	220	158	126	144	100	180	220	18		622	140	35	500	250	250	M16	780	460	860	0,308568	83,5
CP-G 100-2350/A/BAQE/7,5	178	259	158	126	144	100	180	220	18		704	140	35	500	250	250	M16	780	460	860	0,308568	97,5
CP-G 100-2400/A/BAQE/11	178	259	193	153	230	100	180	220	18		670	140	35	550	275	275	M16	780	460	860	0,308568	106,6
CP-G 100-3050/A/BAQE/15	178	259	193	153	230	100	180	220	18		670	140	35	550	275	275	M16	780	460	860	0,308568	146
CP-G 100-3550/A/BAQE/18,5	223	309	193	153	230	100	180	220	18		852	140	35	550	275	275	M16	900	550	1060	0,5247	156
CP-G 100-3850/A/BAQE/22	223	309	193	153	230	100	180	220	18		852	140	35	550	275	275	M16	900	550	1060	0,5247	197
CP-G 100-4800/A/BAQE/30	223	309	204	174	230	100	180	220	18		900	140	35	550	275	275	M16	900	550	1060	0,5247	233
CP-G 100-5600/A/BAQE/37	341	400	204	174	230	100	180	220	18		1182	140	35	550	275	275	M16	900	550	1200	0,594	327
CP-G 100-6300/A/BAQE/45	360	463	204	174	230	100	180	220	18		1195	140	35	550	275	275	M16	900	550	1200	0,594	502
CP-G 100-8300/A/BAQE/55	390	516	293	252	230	100	180	220	18		1345	175	35	670	335	335	M16	900	550	1400	0,693	636,5
CP-G 125-4750/A/BAQE/37	341	400	252	205	230	100	210	250	18	8	1126	215	35	620	310	310	M16	900	550	1200	0,594	371
CP-G 125-5300/A/BAQE/45	360	463	252	205	230	125	210	250	18		1275	215	35	620	310	310	M16	900	550	1400	0,693	446
CP-G 125-5800/A/BAQE/55	390	516	252	205	230	125	210	250	18		1389	215	35	620	310	310	M16	900	550	1400	0,693	580,5

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DIMENSIONS AND WEIGHTS - DCP/DCP-G





MODEL	L	L1	L2	B	B1	B2	H	H1	N	D	D1	D2	D3	D4	PACKAGING DIMENSIONS			VOLUME (mc)	WEIGHT Kg
															L/A	L/B	H		
DCP 40/1250 T	340	130	210	397	200	197	425	100	100	40 PN6	88	150	110	4 HOLES Ø 18	520	320	535	0,06	50
DCP 40/1650 T	340	130	210	397	200	197	425	100	100	40 PN6	88	150	110		520	320	535	0,06	50
DCP 40/2050 T	340	130	210	397	200	197	445	100	100	40 PN6	88	150	110		520	320	535	0,06	52
DCP 40/2450 T	340	130	210	397	200	197	445	100	100	40 PN6	88	150	110		520	320	535	0,06	54
DCP 50/1550 T	365	145	220	427	217	210	455	110	105	50 PN10	102	165	125	4 HOLES Ø 18	520	320	535	0,07	56
DCP 50/1900 T	365	145	220	427	217	210	455	110	105	50 PN10	102	165	125		520	320	535	0,07	58
DCP 50/2450 T	365	145	220	427	217	210	455	110	105	50 PN10	102	165	125		520	320	535	0,07	66
DCP 50/3000 T	365	145	220	480	217	210	495	110	105	50 PN10	102	165	125		580	360	585	0,09	56
DCP 50/3650 T	410	170	240	480	245	235	535	110	120	50 PN10	102	165	125		580	360	585	0,11	86

DIMENSIONS AND WEIGHTS - DCP-G

MODEL	A	B	C	B1	B2	B max	D	D1	D2	D3	D4	n° HOLES	H	H1	H2	L	L1	L2	M	N	PACKAGING DIMENSIONS			VOL. (mc)	WEIGHT Kg
																					L/A	L/B	H		
DCP-G 65-1470/A/BAQE/1,5	330	569	639	315	320	635	65	122	185	145	18	4	549	107	100	358	151	207	M16	180	358	635	549	0,12	143
DCP-G 65-1900/A/BAQE/2,2	330	569	639	315	320	635	65	122	185	145	18		574	107	100	358	151	207	M16	180	358	635	574	0,13	160
DCP-G 65-2280/A/BAQE/3	330	569	639	315	320	635	65	122	185	145	18		632	107	100	358	151	207	M16	180	358	635	632	0,14	186
DCP-G 65-2640/A/BAQE/4	330	569	639	315	320	635	65	122	185	145	18		647	107	100	358	151	207	M16	180	358	635	647	0,15	199
DCP-G 65-3400/A/BAQE/5,5	330	569	639	324	329	635	65	122	185	145	18		736	107	100	358	151	207	M16	180	358	635	736	0,17	265
DCP-G 65-4100/A/BAQE/7,5	330	569	639	324	329	653	65	122	185	145	18		736	107	100	358	151	207	M17	180	358	653	736	0,17	272
DCP-G 65-4700/A/BAQE/11	330	649	719	389	397	786	65	122	185	145	18	4	895	125	100	475	177	298	M16	220	475	786	895	0,33	411
DCP-G 65-5500/A/BAQE/15	330	649	719	389	397	786	65	122	185	145	18		895	125	100	475	177	298	M16	220	475	786	895	0,33	447
DCP-G 65-6150/A/BAQE/18,5	330	649	719	389	397	786	65	122	185	145	18		950	125	100	475	177	298	M16	220	475	786	950	0,35	481
DCP-G 65-6750/A/BAQE/22	330	649	719	389	397	786	65	122	185	145	18		970	125	100	475	177	298	M15	220	475	786	970	0,36	541
DCP-G 65-7350/A/BAQE/22	330	649	719	389	397	786	65	122	185	145	18		970	125	100	475	177	298	M16	220	475	786	970	0,36	561
DCP-G 65-9250/A/BAQE/30	330	649	719	414	422	836	65	122	185	145	18		990	125	100	475	XXX	XXX	XXX	220	XXX	XXX	XXX	XXX	XXX
DCP-G 80-1400/A/BAQE/2,2	330	580	650	305	310	615	80	137	200	160	18	8	586	115	100	360	165	195	M16	180	360	615	586	0,13	172
DCP-G 80-1700/A/BAQE/3	330	580	650	305	310	615	80	137	200	160	18		644	115	100	360	165	195	M16	180	360	615	644	0,14	179
DCP-G 80-2050/A/BAQE/4	330	580	650	305	310	615	80	137	200	160	18		659	115	100	360	165	195	M16	180	360	615	659	0,15	188
DCP-G 80-2400/A/BAQE/5,5	330	580	650	327	332	659	80	137	200	160	18		748	115	100	360	165	195	M16	180	360	659	748	0,18	257
DCP-G 80-2770/A/BAQE/7,5	330	620	690	355	365	720	80	137	200	160	18	8	748	115	100	440	165	195	M16	180	440	720	748	0,24	174
DCP-G 80-3250/A/BAQE/11	330	620	690	344	374	738	80	137	200	160	18		893	115	100	440	165	195	M16	180	440	738	893	0,29	192
DCP-G 80-4000/A/BAQE/15	330	620	690	344	374	738	80	137	200	160	18		893	115	100	440	165	195	M16	180	440	738	893	0,29	202
DCP-G 80-5150/A/BAQE/18,5	362	662	732	405	415	820	80	137	200	160	18	8	954	115	100	500	180	260	M16	200	500	820	954	0,39	254
DCP-G 80-5650/A/BAQE/22	362	662	732	405	415	820	80	137	200	160	18		974	115	100	500	180	260	M16	200	500	820	974	0,40	393
DCP-G 80-6850/A/BAQE/30	362	662	732	426	394	862	80	137	200	160	18		1054	115	100	500	180	260	M16	200	500	862	1054	0,45	484
DCP-G 80-8600/A/BAQE/37	500	804	924	530	540	1070	80	137	200	160	18	8	1071	115	100	620	220	280	M16	235	620	1070	1071	0,71	468
DCP-G 80-9600/A/BAQE/45	500	804	924	530	540	1070	80	137	200	160	18		1091	115	100	620	220	280	M16	235	620	1070	1091	0,72	644
DCP-G 80-10200/A/BAQE/55	500	804	924	567	577	1144	80	137	200	160	18		1216	115	100	620	220	280	M16	235	620	1144	1216	0,86	902
DCP-G 100-1600/A/BAQE/4	362	637	717	330	345	675	80	137	200	160	18	8	687	140	100	500	280	340	M16	300	500	675	687	0,23	176
DCP-G 100-1950/A/BAQE/5,5	362	637	717	335	350	685	80	137	200	160	18		775	140	100	500	280	340	M16	300	500	685	775	0,27	190
DCP-G 100-2350/A/BAQE/7,5	362	637	717	335	350	685	80	137	200	160	18		775	140	100	500	280	340	M16	300	500	685	775	0,27	218
DCP-G 100-2400/A/BAQE/11	362	733	813	395	410	805	100	156	220	180	18	8	915	140	100	550	191	309	M16	200	550	805	915	0,41	261
DCP-G 100-3050/A/BAQE/15	362	733	813	395	410	805	100	156	220	180	18		915	140	100	550	191	309	M16	200	550	805	915	0,41	340
DCP-G 100-3550/A/BAQE/18,5	362	733	813	395	410	805	100	156	220	180	18		970	140	100	550	191	309	M16	200	550	805	970	0,43	360
DCP-G 100-3850/A/BAQE/22	362	733	813	395	410	805	100	156	220	180	18		990	140	100	550	191	309	M16	200	550	805	990	0,44	442
DCP-G 100-4800/A/BAQE/30	362	753	833	440	450	890	100	156	220	180	18	8	1108	140	100	550	221	329	M16	235	550	890	1108	0,54	495
DCP-G 100-5600/A/BAQE/37	362	753	833	440	450	890	100	156	220	180	18		1108	140	100	550	221	329	M16	235	550	890	1108	0,54	683
DCP-G 100-6300/A/BAQE/45	362	753	833	465	475	940	100	156	220	180	18		1098	140	100	550	221	329	M16	235	550	940	1098	0,57	1033
DCP-G 100-8300/A/BAQE/55	500	836	956	563	578	1141	100	156	220	180	18	8	1256	140	100	670	221	329	M16	250	670	1141	1256	0,96	1351
DCP-G 125-4750/A/BAQE/37	500	810	930	515	535	1050	100	156	220	180	18	8	1188	175	100	620	266	404	M16	300	620	1050	1188	0,77	849
DCP-G 125-5300/A/BAQE/45	500	810	930	515	535	1050	100	156	220	180	18		1178	175	100	620	266	404	M16	300	620	1050	1178	0,77	999
DCP-G 125-5800/A/BAQE/55	500	810	930	554	574	1128	100	156	220	180	18		1303	175	100	620	266	404	M16	300	620	1128	1303	0,91	1268

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CE

WATER PRESSURE BOOSTING



K-HA single impeller centrifugal pump is designed for water pressure boosting in households, flats (domestic properties) to provide additional pressure to hot and cold water taps and similar outlet points. K-HA centrifugal pump is mainly for use in open vented systems(tanks), but may also be installed directly on the incoming water mains supply to feed a boiler, provided approval has been obtained from the local Water Company. The pump is supplied with a 0,3 meter power cable.

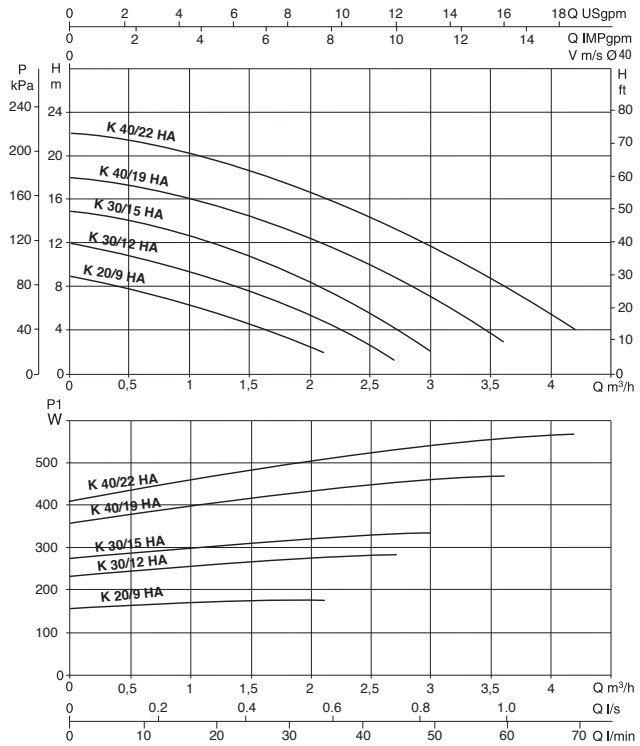
Operating range: up to 4,2 m3/h with head up to 22m.
Liquid quality requirements: clean, free from solids or abrasive substances, non viscous, non aggressive, non crystallized, chemically neutral, close to the characteristics of water.
Liquid temperature range: from 0°C to +100 °C
Ambient temperature: from -10°C to +55 °C
Enviroment humidity: ≤ 95%
Maximum operating pressure:
4 bar (35° C liquid temperature)
2 bar (65° C liquid temperature)
Minimum automatic (flow switch) operating pressure: 0,5 mwc
Minimum automatic (flow switch) operating flow: 2,5 l/min

Only for extra EU markets (EXCEPT RUSSIA). Please contact our sales network for more information

TECHNICAL DATA - K-HA

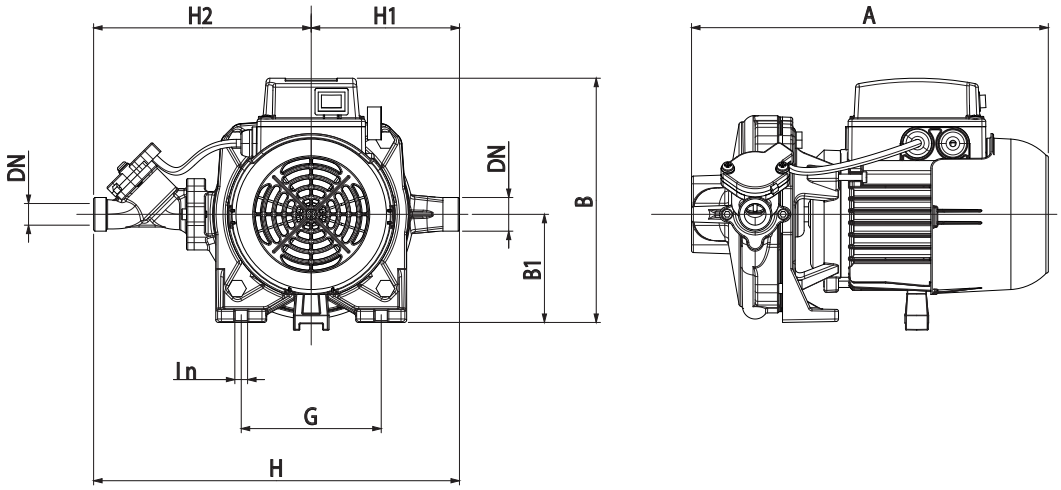
MODEL	CODE	VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	Ist A	cos φ	CONDENSATEUR (ηF)	HOSE DIAMETER (mm)	MAXIMUM FLOW RATE (m^3/h)	MAXIMUM HEAD (m)
				KW	HP							
K 20/9 HA	60161484	220 V	0,18	0,09	0,12	0,82	2,89	0,926	8	ø 16 mm	2,10	9
K 30/12 HA	60161483	220 V	0,28	0,12	0,16	1,28	4,09	0,969	8	ø 16 mm	2,40	12
K 30/15 HA	60161482	220 V	0,34	0,18	0,25	1,5	4,09	0,98	8	ø 16 mm	3,00	15
K 40/19 HA	60161481	220 V	0,47	0,25	0,34	2,25	7,6	0,905	8	ø 16 mm	3,60	18
K 40/22 HA	60160878	220 V	0,57	0,37	0,5	2,54	7,6	0,932	8	ø 16 mm	4,20	22

K-HA *



*** preliminary data**

DIMENSIONS AND WEIGHTS



MODEL	A	B	B1	DN	G	H	H1	H2	I Ø	WEIGHT Kg
K 20/9 HA	253	172	65	G ¾"	70	231	83	148	8	5,4
K 30/12 HA	282	192	85	G ¾"	110	287,5	116,5	171	9,5	7,9
K 30/15 HA	282	192	85	G ¾"	110	287,5	116,5	171	9,5	7,9
K 40/19 HA	280,5	192	85	G ¾"	110	287,5	116,5	171	9,5	8,9
K 40/22 HA	280,5	192	85	G ¾"	110	287,5	116,5	171	9,5	8,9

KCE / KCVE

ELECTRONIC CENTRIFUGAL PUMPS

ENERGY EFFICIENCY IE2

CE

AIR-CONDITIONING AND IRRIGATION



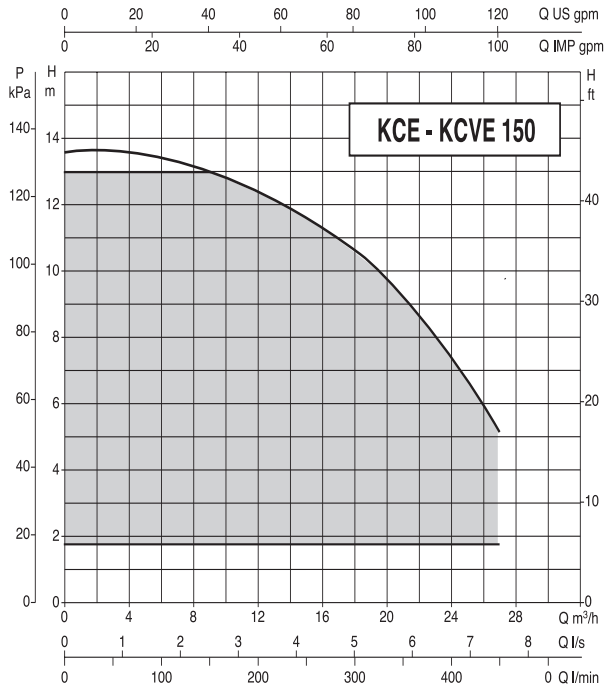
MCE/C
PAG. 2

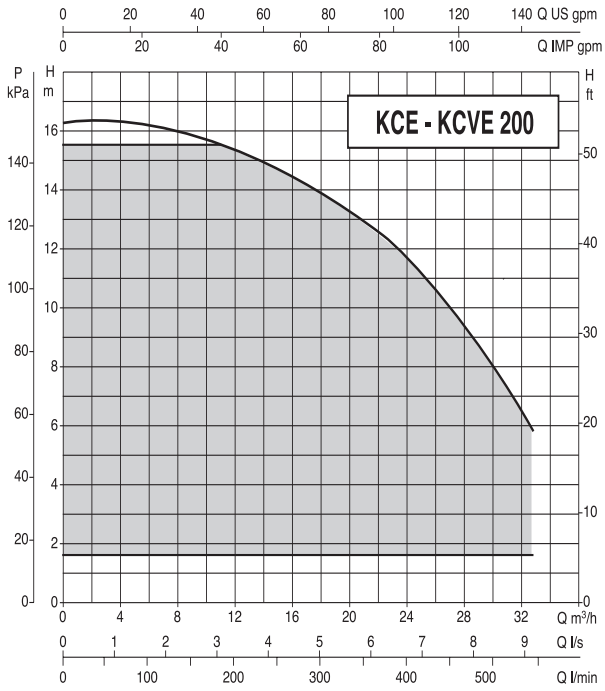
Pumping of water or other liquids that are non aggressive, non explosive and free of solid or fibre particles.
Specially suitable for pumping of glycol water mix for air conditioning systems.
VERSATILE: thanks to the use of the MCE 22/C inverter, performance is such as to allow automatic adaptation to meet the various system requirements, while maintaining constant differential pressure; also, thanks to the top quality construction materials and generously sized motors, the series KCE and KCVE can be used with a glycol percentage of 40% in the pumped liquid.
RELIABLE: all components have been sized to guarantee a lifetime of at least 50,000 operating hours (with the exception of the bearings and mechanical seals, guaranteed by the manufacturer for an average lifetime of 25,000 operating hours in heavy-duty operating conditions)
RUST-PROOF: all components in contact with the liquid are constructed in thermoplastic material (polypropylene or reinforced noryl) and the pump shaft in stainless steel (AISI 304)
FLEXIBLE: possibility of rotating the pump body through steps of 90° to increase flexibility of installation.Hydraulic assembly (pump, body, seal support flange, impeller, diffuser) in fibre glass reinforced technopolymer, extension of shaft in contact with liquid in AISI 304 stainless steel.
Mechanical seal in silicon carbide/graphite, O-rings in EPDM. Asynchronous motor, continuous duty with external ventilation (S1), 2-pole.
Watertight ball bearings, resistant to water and humidity.
Motor construction according to EN 60335-2-41 standards
Operating range: from 3 to 45 m^3/h
Maximum head: 24 m
Liquid temperature range: from -10 to +55°C
Pumped liquid: clean, free of solid or abrasive substances, chemically neutral, close to the characteristics of water**Max. ambient temperature:** +40°C
Maximum glycol percentage: up to 40%
Massima pressione di esercizio: 6.5 bar
Motor protection rating: IP 55
Insulation class: F (copper wire to insulation class H)
Voltage as standard:
single phase 1x220-240 V / 50-60 Hz
Special version available on request:
three-phase 3x400 V / 50 Hz or
three-phase 3x460 V / 60 Hz

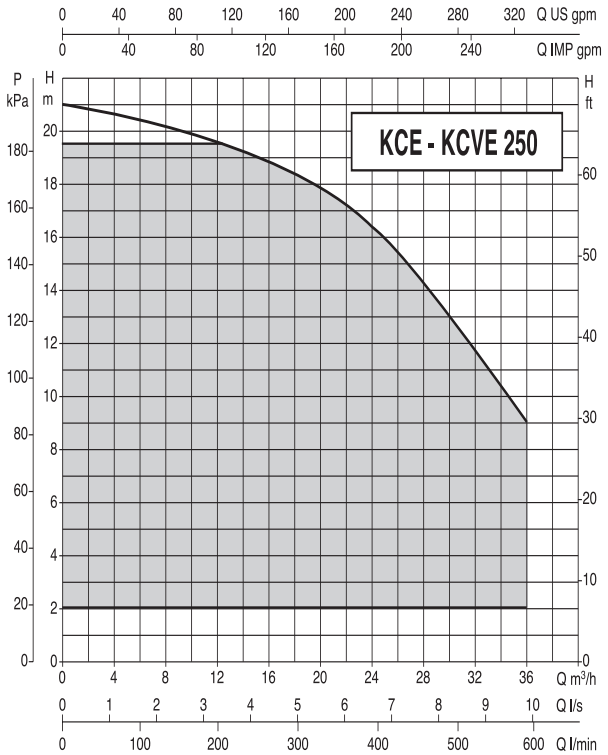
TECHNICAL DATA

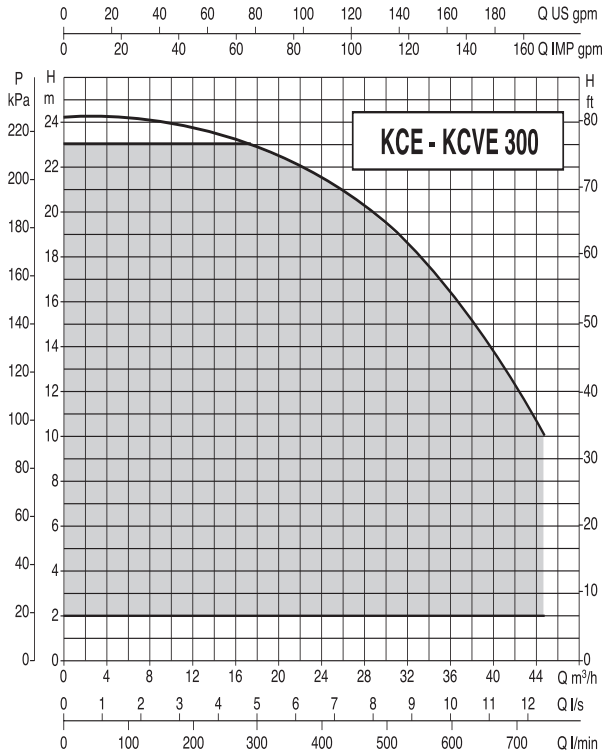
MODEL	CODE	ELECTRICAL DATA				
		VOLTAGE 50 Hz	P1 MAX	P2 kW	In (A)	PUMP CONFIGURATION
KCE 150 M MCE11/C IE2	**60143338**	1 x 220-240 V	1,27	0,80	10,1	230D
KCE 150 T MCE30/C IE2	**60147486**	3 x 400 V	1,27	0,80	t.b.d.	230D
KCVE 150 M MCE11/C IE2	**60143342**	1 x 220-240 V	1,27	0,80	10,1	230D
KCVE 150 T MCE30/C IE2	**60147490**	3 x 400 V	1,27	0,80	t.b.d.	230D
KCE 200 M MCE15/C IE2	**60143339**	1 x 220-240 V	1,40	1,10	10,9	230D
KCE 200 T MCE30/C IE2	**60147487**	3 x 400 V	1,40	1,10	t.b.d.	230D
KCVE 200 M MCE15/C IE2	**60143343**	1 x 220-240 V	1,40	1,10	10,9	230D
KCVE 200 T MCE30/C IE2	**60147491**	3 x 400 V	1,40	1,10	t.b.d.	230D
KCE 250 M MCE22/C IE2	**60143340**	1 x 220-240 V	2,03	1,84	14,9	230D
KCE 250 T MCE30/C IE2	**60147488**	3 x 400 V	2,03	1,84	t.b.d.	230D
KCVE 250 M MCE22/C IE2	**60143344**	1 x 220-240 V	2,03	1,84	14,9	230D
KCVE 250 T MCE30/C IE2	**60147492**	3 x 400 V	2,03	1,84	t.b.d.	230D
KCE 300 T MCE30/C IE2	**60147489**	3 x 400 V	2,90	2,20	6,8	400S
KCVE 300 T MCE30/C IE2	**60147493**	3 x 400 V	2,90	2,20	6,8	400S

KCE / KCVE
ELECTRONIC CENTRIFUGAL PUMPS



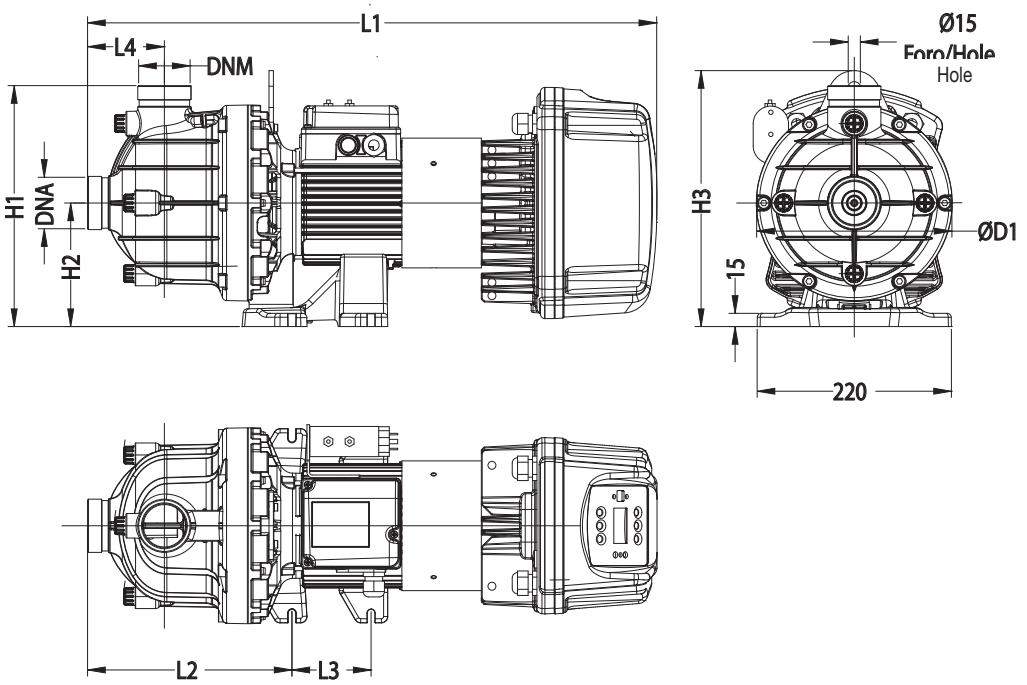






The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

DIMENSIONS AND WEIGHTS



MODEL	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	H1 [mm]	H2 [mm]	H3 [mm]	D1 [mm]	DNA	DNM	WEIGHT KG
KCE 150 M MCE11/C IE2	639	231	90	87	273	140	290	222	2" m gas	2" m gas	19
KCE 150 T MCE30/C IE2	639	231	90	87	273	140	290	222	2" m gas	2" m gas	21,6
KCVE 150 M MCE11/C IE2	639	231	90	87	273	140	290	222	2" Victaulic	2" Victaulic	19
KCVE 150 T MCE30/C IE2	639	231	90	87	273	140	290	222	2" Victaulic	2" Victaulic	21,6
KCE 200 M MCE15/C IE2	639	231	74	87	273	140	290	222	2" m gas	2" m gas	21
KCE 200 T MCE30/C IE2	639	231	74	87	273	140	290	222	2" m gas	2" m gas	23,6
KCVE 200 M MCE15/C IE2	639	231	74	87	273	140	290	222	2" Victaulic	2" Victaulic	21
KCVE 200 T MCE30/C IE2	639	231	74	87	273	140	290	222	2" Victaulic	2" Victaulic	23,6
KCE 250 M MCE22/C IE2	713	231	74	87	273	140	290	222	2" m gas	2" m gas	23
KCE 250 T MCE30/C IE2	713	231	74	87	273	140	290	222	2" m gas	2" m gas	25,6
KCVE 250 M MCE22/C IE2	713	231	74	87	273	140	290	222	2" Victaulic	2" Victaulic	23
KCVE 250 T MCE30/C IE2	713	231	74	87	273	140	290	222	2" Victaulic	2" Victaulic	25,6
KCE 300 T MCE30/C IE2	763	282	177	114	355	170	320	300	2" m gas	2" m gas	28
KCVE 300 T MCE30/C IE2	763	282	177	114	355	170	320	300	2" Victaulic	2" Victaulic	28

KC / KCV

CENTRIFUGAL PUMPS FOR AIR CONDITIONING

ENERGY EFFICIENCY IE2

CE

AIR-CONDITIONING AND IRRIGATION



KC



KCV

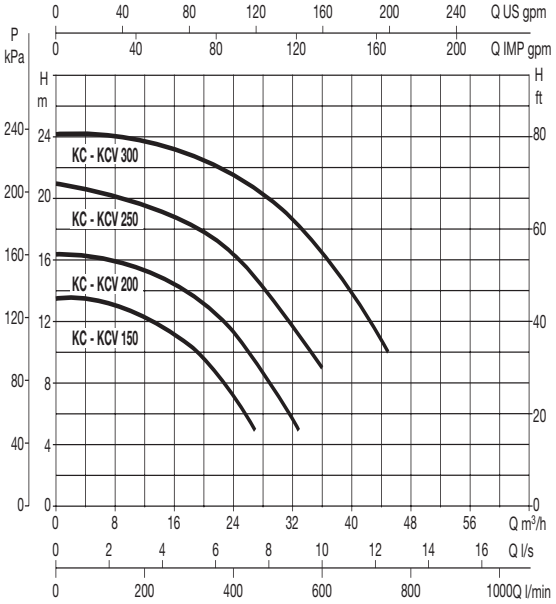
Pumping of water or other non-aggressive non-explosive liquids that do not contain solid particles or fibre.
Especially suitable for handling water and glycol solutions in air conditioning circuits.
- **PLUS**
VERSATILE: thanks to the high quality construction materials and oversized motors, the KC and KCV series of pumps can be used in surroundings with temperatures up to 65°C and a glycol percentage of as much as 40% in the handled liquid.
RELIABLE: all components are sized to guarantee a working life of at least 50,000 duty hours (with the exception of the bearings and mechanical seals, the manufacturers of which guarantee an average life of 25,000 hours in the most severe duty conditions)
RUST PROOF: all components in contact with the liquid are made of thermoplastic (polypropylene or reinforced Noryl) and the pump shaft is made of AISI 304 stainless steel
FLEXIBLE: facility to rotate the pump body in steps of 90° for greater installation flexibility.
Complete hydraulic section (pump body, seal holder flange, impeller, diffuser) made of fibreglass reinforced technopolymer, shaft extension in contact with liquid in AISI 304 stainless steel, mechanical seal in silicon carbide/graphite.
O-rings in EPDM Externally cooled asynchronous motor for continuous duty (S1), 2 poles
Maximum ambient temperature: 65°C
Motor protection rating: IP55
Insulation class: F (copper wire with class H insulation)
Standard input voltage: three-phase 230-400V/50 Hz
Sealed, water resistant and humidity resistant ball bearings Motor construction to EN 60335-2-41
Operating range: from 3 to 45 m^3/h
Maximum head: 24 m
Maximum working pressure: 6.5 bar
Liquid temperature range: from -10 to +55°C
Maximum glycol contents: up to 40%
Installation: fixed or portable in horizontal position
Pumped liquid: Maximum ambient temperature: 65 °C
Special versions on request: alternative voltages and/or frequencies.

TECHNICAL DATA

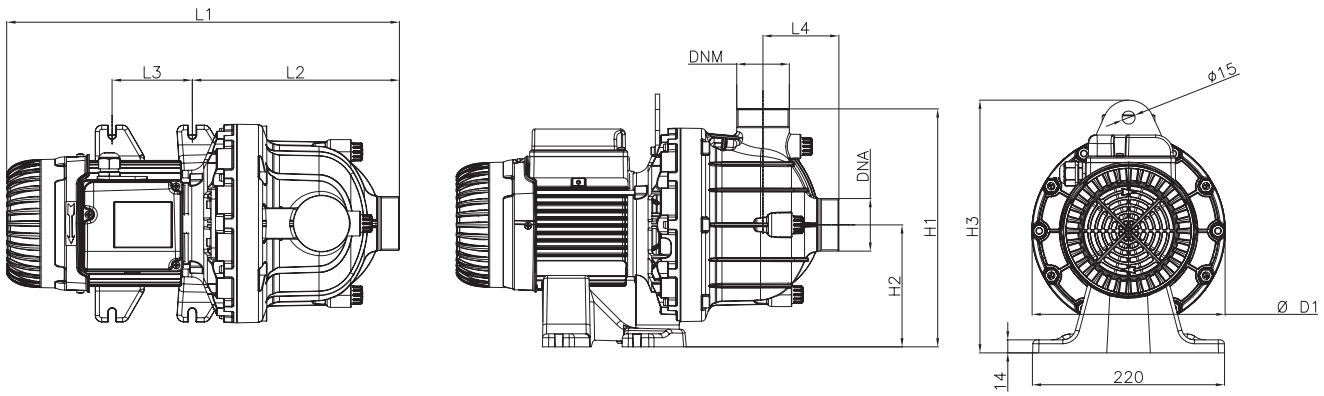
MODEL	CODE	ELECTRICAL DATA				
		VOLTAGE 50 Hz	P1 MAX kW	P2 (W)	In A	RESISTANCE MOTOR STARTER (Ohm)
KC 150 T	60145266	3 x 230 - 400 V ~	1,2	870	2,3	6,28
KC 200 T	60145901	3 x 230 - 400 V ~	1,5	1260	3,1	3,51
KC 250 T	60145977	3 x 230 - 400 V ~	2,3	1900	4,3	2,55
KC 300 T	60146015	3 x 230 - 400 V ~	3	2560	5,8	1,72
KCV 150 T	60145267	3 x 230 - 400 V ~	1,2	870	2,3	6,28
KCV 200 T	60145904	3 x 230 - 400 V ~	1,5	1260	3,1	3,51
KCV 250 T	60145980	3 x 230 - 400 V ~	2,3	1900	4,3	2,55
KCV 300 T	60146020	3 x 230 - 400 V ~	3	2560	5,8	1,72

KC / KCV
CENTRIFUGAL PUMPS FOR AIR CONDITIONING

KC / KCV



DIMENSIONS AND WEIGHTS



MODEL	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	H1 (mm)	H2 (mm)	H3 (mm)	D1 (mm)	DNA	DNM	WEIGHT Kg
KC 150 T	439	231	90	87	273	140	290	222	2" m gas	2" m gas	14
KCV 150 T	439	231	90	87	273	140	290	222	2" Victaulic	2" Victaulic	14
KC 200 T	439	231	74	87	273	140	290	222	2" m gas	2" m gas	16
KCV 200 T	439	231	74	87	273	140	290	222	2" Victaulic	2" Victaulic	16
KC 250 T	513	231	74	87	273	140	290	222	2" m gas	2" m gas	18
KCV 250 T	513	231	74	87	273	140	290	222	2" Victaulic	2" Victaulic	18
KC 300 T	563	282	177	114	355	170	320	300	2" m gas	2" m gas	23
KCV 300 T	563	282	177	114	355	170	320	300	2" Victaulic	2" Victaulic	23

CIRCULATORS AND IN-LINE PUMPS ACCESSORIES

PROTECTION AND CONTROL SYSTEMS

ACCESSORIES

CIRCULATORS AND IN-LINE PUMPS

UNION KIT	DESCRIPTION	CODE	MODEL	WEIGHT Kg	Q.TY X BOX
 1" F UNION KIT	½" F UNION KIT	60110426	EVOSTA 40-70/130-1/2	0,4	24
			EVOTRON 40/130 1/2 - 60/130 1/2 - 80/130 1/2		
			EVOTRON 40/130 1/2 SOL - 60/130 1/2 SOL - 80/130 1/2 SOL		
			VSA 35/130-½" - 55/130-½" - 65/130-½"		
			VA 25/130-1/2" - VA 65/130-1/2" - VA 55/130-1/2"		
	¾" F UNION KIT	547121050	EVOSTA 40-70/130 - EVOSTA 40-70/180	0,4	24
			EVOTRON 40/130 - 60/130 - 80/130 EVOTRON 40/180 - 60/180 - 80/180		
			EVOTRON 40/180 SOL - 60/180 SOL - 80/180 SOL		
			EVOPLUS 40/180 - 60/180 - 80/180 - 110/180		
			VSA 35/130 - 55/130 - 65/130 VSA 35/180 - 55/180 - 65/180		
			VA 25/130 - VA 35/130 - VA 55/130 - VA 65/130 VA 25/180 - VA 35/180 - VA 55/180 - VA 65/180		
	1" F UNION KIT	547121060	EVOSTA 40-70/130 - EVOSTA 40-70/180	0,4	24
			EVOTRON 40/130 - 60/130 - 80/130 EVOTRON 40/180 - 60/180 - 80/180		
			EVOTRON 40/180 SOL - 60/180 SOL - 80/180 SOL		
			EVOPLUS 40/180 - 60/180 - 80/180 - 110/180		
			VSA 35/130 - 55/130 - 65/130 VSA 35/180 - 55/180 - 65/180		
			VA 25/130 - VA 35/130 - VA 55/130 - VA 65/130 VA 25/180 - VA 35/180 - VA 55/180 - VA 65/180		
			A 50/180 - A 56/180 - A 80/180 - A 110/180		
	1" ¼ F UNION KIT	547121070	EVOTRON 40/180 X - 60/180 X - 80/180 X	0,7	24
			EVOPLUS 40/180 X - 60/180 X - 80/180 X - 110/180 X		
			EVOPLUS 40/180 X - 60/180 X - 80/180 X - 110/180 X		
			ALME - ALPE		
			ALM 500 - ALP 2000		
			VA 25/180 X - VA 35/180 X - VA 55/180 X - VA 65/180 X		
			A 50/180 X - A 56/180 X - A 80/180 X - A 110/180 X		
	1" ¼ M UNION KIT	547121080	EVOSTA 40-70/130 EVOSTA 40-70/180	0,4	24
			EVOTRON 40/130 - 60/130 - 80/130 EVOTRON 40/180 - 60/180 - 80/180		
			EVOPLUS 40/180 - 60/180 - 80/180 - 110/180		
			VA 25/130 - VA 35/130 - VA 55/130 - VA 65/130 VA 25/180 - VA 35/180 - VA 55/180 - VA 65/180		

PIPE UNIONS	DESCRIPTION	CODE	MODEL	WEIGHT Kg	Q.TY X BOX
	½" F BRASS UNION KIT	547121120	EVOTRON SAN EVOTRON SMALL SAN	0,4	24
			VS 8/150 - 16/150 - 35/150 - 65/150		
			ALM 200 - 800		
	¾" F BRASS UNION KIT	547121130	EVOTRON SAN EVOTRON SMALL SAN	0,4	24
			VS 8/150 - 16/150- 35/150 - 65/150		
			ALM 200 - 800		
	1" F BRASS UNION KIT	547121140	EVOTRON SAN EVOTRON SMALL SAN	0,4	24
			VS 8/150 - 16/150 - 35/150 - 65/150		
			ALM 200 - 800		

ACCESSORIES

CIRCULATORS AND IN-LINE PUMPS

COPPER KIT UNIONS	DESCRIPTION	CODE	MODEL	WEIGHT Kg
	COPPER UNION KIT TO SOLDER Ø 22	547121150	EVOTRON SAN EVOTRON SMALL SAN	0,4
			VS 8/150 - 16/150 - 35/150 - 65/150	
			ALM 200 - 800	
	COPPER UNION KIT TO SOLDER Ø 28	547121160	EVOTRON SAN EVOTRON SMALL SAN	0,4
			VS 8/150 - 16/150 - 35/150 - 65/150	
			ALM 200 - 800	

REDUCTION KIT	DESCRIPTION	CODE	MODEL	WEIGHT Kg
	2" - 1"½ REDUCTION KIT	547121170	EVOSTA 40-70/130 EVOSTA 40-70/180	0,1
			EVOTRON 40/130 - 60/130 - 80/130 EVOTRON 40/180 - 60/180 - 80/180	
			EVOPLUS 40/180 - 60/180 - 80/180 - 110/180	
			VA - VB - VD	

"QUICK SERVICE" ADAPTION KIT	DESCRIPTION	CODE	MODEL
	ADAPTATION KIT A - 1 1/2" EXTENSION	547121300	VA 25/130 - VA 25/180 - VA 35/130 - VA 35/180 - VA 55/130 - VA 55/180 - VA 65/130 - VA 65/180
	ADAPTATION KIT B - CONVERSION FROM 1 1/2" TO 2"	547121310	VA 25/130 - VA 25/180 - VA 35/130 - VA 35/180 - VA 55/130 - VA 55/180 - VA 65/130 - VA 65/180
	ADAPTATION KIT C - CONV. FROM 1 1/2" UNION TO DN 25 -DN 32 FL.	547121320	VA 25/130 - VA 25/180 - VA 35/130 - VA 35/180 - VA 55/130 - VA 55/180 - VA 65/130 - VA 65/180
	ADAPTATION KIT D - 2" EXTENSION	547121330	VA 25/180 X - VA 35/180 X - VA 55/180 X - VA 65/180 X
	ADAPTATION KIT E - 1 1/2" BRASS ADAPTER	547121340	VA 25/130 - VA 25/180 - VA 35/130 - VA 35/180 - VA 55/130 - VA 55/180 - VA 65/130 - VA 65/180
	ADAPTATION KIT E - 1" BRASS ADAPTER	547121350	VA 35/130-1/2 - VA 55/130-1/2 - VA 65/130-1/2
	OVAL ADAP. KIT - CONV. FROM 2" UN. TO PN6/PN10 DN 40 FL.	547121260	VA 25/180 X - VA 35/180 X - VA 55/180 X - VA 65/180 X
	DN50 OVAL FLANGE KIT	547121270	VB 35/120 - VB 55/120 - VB 65/120

FLANGE KIT	DESCRIPTION	CODE	MODEL	WEIGHT Kg
	3/4" F DN 20 OVAL FLANGE KIT	547121230	VB 35/120 - VB 55/120 - VB 65/120	0,6
	1" F DN 25 OVAL FLANGE KIT	547121240	VB 35/120 - VB 55/120 - VB 65/120	0,6
	1 1/4" F DN 32 OVAL FLANGE KIT	547121250	VB 35/120 - VB 55/120 - VB 65/120	0,8
	1 1/2" DN 40 OVAL FLANGE KIT	547121260	VB 35/120 - VB 55/120 - VB 65/120	0,8
	2" DN 50 OVAL FLANGE KIT	547121270	VB 35/120 - VB 55/120 - VB 65/120	0,8
	PN 6 DN 32 FLANGE KIT	547121200	VD 55/220-32 - VD 65/220-32	1,3

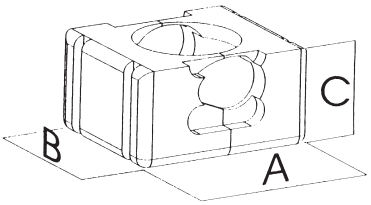
ACCESSORIES

CIRCULATORS AND IN-LINE PUMPS

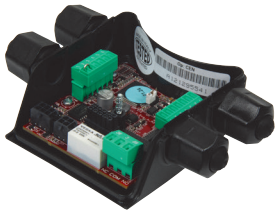
INSULATION HOUSING KIT	DESCRIPTION	CODE	MODEL	WEIGHT Kg
	**INSULATION HOUSING KIT ***	60147096	EVOSTA (All models)	0,6
			EVOTRON (All models) * supplied as standard in the standard version	
			VSA 130 - 150 - 180	
			VS 130 - 150 - 180	
			VA 130-150-180 mm. inter	

PUMP BODY KIT INSULATION FOR BMH - BPH CIRCULATORS

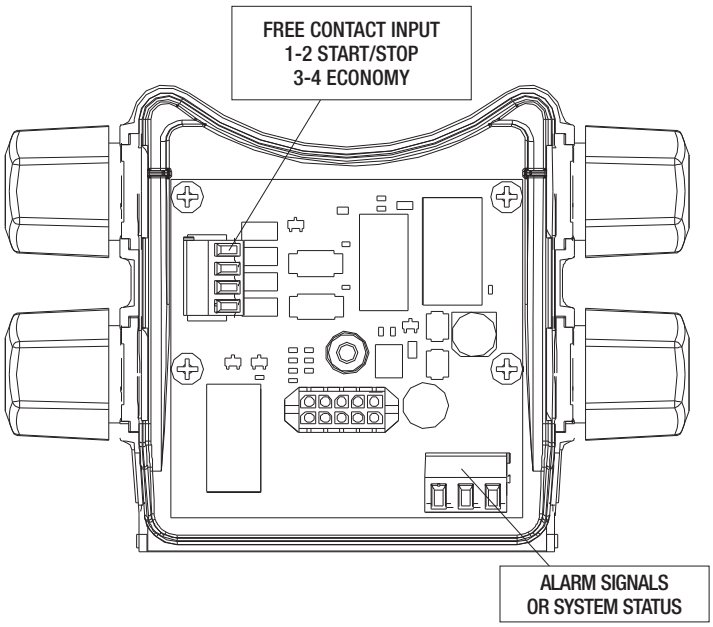
DESCRIPTION	CODE	TO BE USED FOR CIRCULATORS TYPE	DIMENSIONS			WEIGHT Kg
			A	B	C	
KIT DN 40	554060500	BMH-BPH WITH PUMP COUPLINGS DN 40	260	212	140	0,6
KIT DN 50	554060510	BMH-BPH WITH PUMP COUPLINGS DN 50	256	238	160	0,6
KIT DN 65	554060520	BMH-BPH WITH PUMP COUPLINGS DN 65	300	298	180	1,1
KIT DN 80	554060530	BMH-BPH WITH PUMP COUPLINGS DN 80	300	312	201	1,2
KIT DN 100	60130883	BMH-BPH WITH PUMP COUPLINGS DN 100	320	397	225	1,9



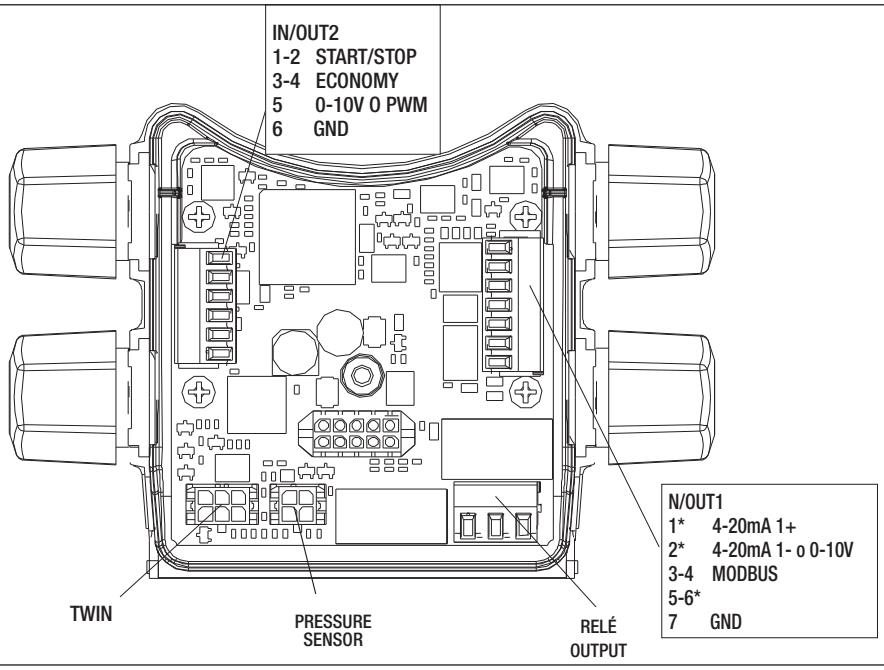
POWER CONNECTOR	DESCRIPTION	CODE	MODEL	WEIGHT Kg
	**EVOTRON/EVOPLUS POWER CONNECTOR**	60152234	EVOTRON (All models)	0,1
			EVOPLUS SMALL (All models)	

REMOTE CONTROL MODULE	DESCRIPTION	CODE	MODEL	WEIGHT Kg
 EVOPLUS SMALL MULTI-FUNCTION MODULE	**EVOPLUS SMALL BASIC MODULE**	60152883	EVOPLUS SMALL (All models) EVOPLUS SMALL SAN (All models)	0,5
	EVOPLUS SMALL MULTI-FUNCTION MODULE	60152884	EVOPLUS SMALL (All models) EVOPLUS SMALL SAN (All models) Supplied with Evoplus Small Twin models	0,5
	LON/MOD BUS CONVERTER MODULE	60162338	EVOPLUS SMALL (All models)	0,5
			EVOPLUS (All models)	0,5

BASIC MODULE

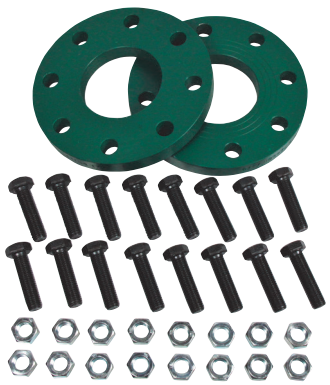


MULTI-FUNCTION MODULE



ACCESSORIES

CIRCULATORS AND IN-LINE PUMPS

FLANGE KIT*	DESCRIPTION	CODE	MODEL	WEIGHT Kg
 FLANGE KIT DN50 PN 10	PN 10 DN 32 FLANGE KIT	60153288	EVOPLUS SMALL (All models)	4,7
			EVOPLUS (All models)	
	DN 32 PN 10 AISI 304 FLANGE KIT	60153296	EVOPLUS SMALL SAN (All models)	4,7
			EVOPLUS SAN (All models)	
	DN40 PN 10 FLANGE KIT	547121400	EVOPLUS SMALL (All models)	2,4
			EVOPLUS (All models)	
			KLPE 40/600 - DKLPE 40/60 KLPE 40/1200 - DKLPE 40/1200	
			KLM 40/300 - DKLM 40/300 KLP 40/600 - DKLP 40/600 KLP 40/900 - DKLP 40/900 KLP 40/1200 - DKLP 40/1200	
			B 50/250.40 - B 56/250.40 - B 80/250.40 D 50/250.40 - D 56/250.40 - D 80/250.40	
			BMH-BPH WITH PUMP COUPLINGS DN 40	
	DN 40 PN 10 AISI 304 FLANGE KIT	60153297	EVOPLUS SMALL SAN (All models)	2,5
			EVOPLUS SAN (All models)	
	DN50 PN 10 FLANGE KIT	547121410	EVOPLUS (All models)	3,2
			KLME50/600 - DKLME 50/600 KLPE 50/1200 - DKLPE 50/1200	
			KLM 50/300 - DKLM 50/300 KLM 50/600 - DKLM 50/600 KLP 50/900 - DKLP 50/900 KLP 50/1200 - DKLP 50/1200	
			BMH-BPH WITH PUMP COUPLINGS DN 50	
	DN 50 PN 10 AISI 304 FLANGE KIT	60153298	EVOPLUS SAN (All models)	3
 FLANGE KIT DN 80 PN 16	DN65 PN 10 FLANGE KIT	547121420	EVOPLUS (All models)	4,0
			KLME 65/600 - DKLME 65/600 KLPE 65/1200 - DKLPE 65/1200	
			KLM 65/300 - DKLM 65/300 KLM 65/600 - DKLM 65/600 KLP 65/900 - DKLP 65/900 KLP 65/1200 - DKLP 65/1200	
			BMH-BPH WITH PUMP COUPLINGS DN 65	
	DN 65 PN 10 AISI 304 FLANGE KIT	60153299	EVOPLUS SAN (All models)	4
	DN80 PN 10 FLANGE KIT	547121430	EVOPLUS (All models)	4,8
			BPH - DPH (All models)	
			KLME 80/600 - DKLME 80/600 KLPE 80/1200 - DKLPE 80/1200	
			KLM 80/300 - DKLM 80/300 KLM 80/600 - DKLM 80/600 KLP 80/900 - DKLP 80/900 KLP 80/1200 - DKLP 80/1200	
			BMH-BPH WITH PUMP COUPLINGS DN 80	
	DN100 PN 10 FLANGE KIT	60153289	EVOPLUS (All models)	4,3
	DN 40 - PN 16 FLANGE KIT	109620040	CME 40 - CPE 40 - CM - CP 40	5,3
	DN 40 BLANK FLANGE KIT (STD FEATURE IN THE TWIN VERSION)	161050160	BMH-BPH	-
	BLANK FLANGE KIT (STD. FEATURE IN THE TWIN VERSION)	161050170	BMH-BPH	-
	DN 50 - PN 16 FLANGE KIT	109620050	CME 50 - CPE 50 - CM - CP 50	6,3
	DN 65 - PN 16 FLANGE KIT	109620060	CME 65 - CM-GE 65 - CP-GE 65 - CM 65 - CP 65	7,5
	DN 80 PN 16 FLANGE KIT	109620080	EVOPLUS (All models)	9,5
			CM-GE 80 - CP-GE 80 - CM 80 - CP 80	
	DN 100 PN 16 FLANGE KIT	109620100	EVOPLUS (All models)	10,9
			CM-GE 100 - CP-GE 100 - CM 100 - CP 100	
	DN 125 - PN 16 FLANGE KIT	109620120	CM-GE 125 - CP-GE 125 - CM 125 - CP 125	14,5
	DN 150 - PN 16 FLANGE KIT	109620150	CM-GE 150 - CP-GE 150 -CM 150 - CP 150	18,6

* The counterflange kit comprises: two counterflanges, nuts and bolts.

COMPENSATION KIT (FOR EVOPLUS)	DESCRIPTION	CODE	MODEL	WEIGHT Kg
 **COMPENSATION KIT**	**COMPENSATION KIT FOR DN40 (30mm)**	60153181	EVOPLUS (All models)	2,5
	COMPENSATION KIT FOR DN40 (40mm)	60153182	EVOPLUS (All models)	3,3

COMPENSATION KIT

Available on request, compensation kit, used to compensate the centre distance difference between old and new models.

DESCRIPTION	CODE	CM old MODEL		CM new MODEL		LENGHT
		DN	CENTRE DISTANCE	DN	CENTRE DISTANCE	
KIT N° 1	147121520	65	475	65	360	115
KIT N° 2	147121530	80	525	80	360	165
KIT N° 3	147121540				440	85
KIT N° 4	147121550				500	25
KIT N° 5	147121560	100	550	100	500	50
KIT N° 6	147121570		630		550	80

PROTECTION AND CONTROL SYSTEMS



CE E-BOX - CONTROL SYSTEMS FOR 1/2 PUMPS

- Ideal to pilot circulation stations with in-line pumps up to 12Amp
- Suitable for single-phase or three-phase pumps
- Operation through contact on-off switch
- Integrated amperometric protection adjustable from 1 to 12 amps max
- Exchange of the starting order of the pumps at every boot or every 24 hours
- Possible simultaneous operation of the two pumps or one in reserve

TECHNICAL DATA

MODEL	CODE	VOLTAGE 50 HZ	STARTING	P2 NOMINAL		MAX CURRENT A	TO BE USED FOR:
				kW x2	HP x2		
E-BOX 2D M/T 12 A (for 2 pumps monophase or threephase)	60114868	1 X 230 V	DIRECT	2,2	3	12+12	DKLM - DKLP single-phase
		3 X 230 V		3	4		DKLM - DKLP three-phase
		3 X 400 V		5,5	7,5		DCM 40 - 50 - 65 - 80 - 100 three-phase 400 V

NEW E-BOX AVAILABLE FROM APRIL 2014



NEW



ED1,3M



ED1,5T

ED CONTROL SYSTEMS FOR 1 PUMP

Supplied on the box in self-extinguishing thermoplastic material, complete with brackets for wall mounting. The framework is self-protected and protects the pump from overload, short circuits with manual reset.
Complete with:
- Power line switch with pad lockable door handle (except in single-phase version)
- Self-protected transformer for the power supply of the external controls
- Terminals for connecting the electric pump and the float / pressure control switches
- Terminals without potential for controlling alarm and remote installation of an audible / visual alarm
- Button on the front panel for manual operation (single phase versions)
- Switch on the front panel for manual operation - 0 - Automatic
- Amperometric protection reports
- Pump running indicator
- Voltage indicator
-Limits of use ambient temperature: -10° C +40° C
-Degree of protection IP55

TECHNICAL DATA

MODEL	CODE	VOLTAGE 50 HZ	STARTING	P2 NOMINAL		MAX CURRENT A	TO BE USED FOR:	
				kW x2	HP x2			
ED1,3M	**108320320**	1 X 230 V	DIRETTO	1	1,36	9	ALM 200 M	ALP 800 M
							ALM 500 M	ALP 2000 M
							KLM 40/300 M	KLP 40/600 M
ED1T	**108320330**	3 x 400 V	DIRETTO	0,74	1	2,5	ALM 200 T	ALP 800 T
							ALM 500 T	ALM 2000 T
							KLM 40/300 T	KLP 50/900 T
							KLP 40/600 T	KLP 50/1200 T
							KLP 40/900 T	KLM 65/300 T
							KLP 40/1200 T	KLM 60/600 T
							KLM 50/300 T	KLM 80/300 T
							KLM 50/600 T	KLM 80/600 T
							CM 40/440 T	CM-G 65/420 T
							CM 40/540 T	CM-G 65/540 T
							CM 40/670 T	CM-G 65/660 T
							CM 40/870 T	CM-G 65/760 T
							CM 50/510 T	CM-G 65/920 T
							CM 50/630 T	CM-G 80/550 T
							CM 50/780 T	CM-G 80/650 T
							CM 50/1000 T	CM-G 100/510 T
							CM 40/1300 T	CM-G 40/1450 T
							CM 50/1420 T	CM-G 50/1270 T
ED1,5T	**108320340**	3 x 400 V	DIRETTO	1,1	1,5	4	KLP 65/900 T	KLP 65/1200 T
							CM-G 65/1080 T	CM 40/3500 T
							CM-G 80/740 T	CM 50/2200T
							CM-G 100/650 T	CM 50/3100 T
							CM-G 65/760 T	CM-G 65/1470 T
							CM 40/2300 T	-
ED2,5T	**108320350**	3 x 400 V	DIRETTO	1,8	2,5	6,3	KLP 80/900 T	KLP 80/1200 T
							CM-G 65/1200 T	CM-G 80/1050 T
							CM-G 65/1530 T	CM-G 100/660 T
							CM-G 80/890 T	CM-G 100/865 T
							CP 40/2700 T	CP 50/4100 T
							CP 40/3800 T	CP-G 65/1900 T
							CP 40/4700 T	CP-G 80/1400 T
							CP 50/2600 T	-

For higher power control panels please contact our sales network

DAB PUMPS reserves the right to make modifications without notice

NOTES

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SELF-PRIMING CENTRIFUGAL PUMPS

ENERGY EFFICIENCY IE2



CE

DOMESTIC WATER SUPPLY

Self-priming centrifugal pump with excellent suction capacity even when there are air bubbles. Particularly suitable for water supply in domestic installations, small-scale agriculture, gardening and wherever self- priming operation is necessary.
Jet: cast iron pump body.
Jetinox: stainless steel pump body.
Jetcom: technopolymer pump body.
Motor support in cast iron, technopolymer impeller, diffuser, Venturi tube and sand guard. Stainless steel adjustment rings.
Carbon/ceramic mechanical seal. Asynchronous motor closed and cooled by external ventilation. Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. For the protection of the three-phase motor it is advisable
to use a suitable overload protection complying with the regulations in force.

Operating range: two-poles from 0.4 to 10.5 m³/h with head up to 62 metres
Liquid temperature range:
from 0°c to +35°C for domestic use
from 0°C to +40°C for other use
Pumped liquid characteristics: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral.
Maximum ambient temperature: +40°C
Maximum working pressure:
6 bar (600 kPa) for Jet and Jetcom
8 bar (800 kPa) for Jetinox
Protection level: IP 44 (IP 55 terminal board protection).
Insulation class: F

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TECHNICAL DATA - JET

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA									
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8
				kW	HP		µF	Vc	Q=l/min	0	10	20	30	40	50	60	70	80
JET 62 M	102660000	1X220-240 V~	0,72	0,44	0,6	3,12	12,5	450	H (m)	42	35	29,2	25,6	22,9	21,1			
JET 82 M	102660020	1X220-240 V~	0,85	0,6	0,8	3,8	12,5	450		47	40	34	30	26,2	23,5	20,3		
JET 82 T	102660030	3X230-400 V~	0,86	0,6	0,8	2,8-1,6	-	-		47	40	34	30	26,2	23,5	20,3		
JET 102 M	102660040	1X220-240 V~	1,13	0,75	1	5,1	16	450		53,8	47	41	36,3	32,4	28,8	25,8		
JET 102 T	60145173	3X230-400 V~	1,04	0,75	1	3,3-1,9	-	-		53,8	47	41	36,3	32,4	28,8	25,8		
JET 112 M	102660060	1X220-240 V~	1,4	1	1,36	6,2	25	450		61	54	47,8	42,8	38,8	34,8	20		
JET 112 T	60145276	3X230-400 V~	1,35	1	1,36	4,3-2,5	-	-		61	54	47,8	42,8	38,8	34,8	20		
JET 92 M	102660080	1X220-240 V~	0,94	0,75	1	4,2	14	450		36,2	33,5	31	28,4	26	24	21,8	19,6	17
JET 132 M	102660100	1X220-240 V~	1,49	1	1,36	6,6	25	450		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2
JET 132 T	60145277	3X230-400 V~	1,43	1	1,36	4,7-2,7	-	-		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2

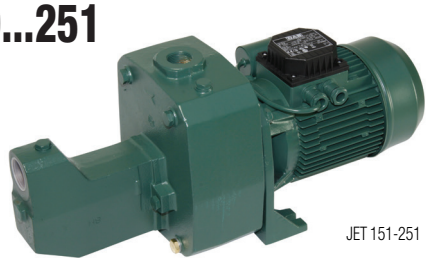
TECHNICAL DATA - JETINOX

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA									
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8
				kW	HP		µF	Vc	Q=l/min	0	10	20	30	40	50	60	70	80
JETINOX 82 M	102640020	1X220-240 V~	0,85	0,6	0,8	3,8	12,5	450	H (m)	47	40	34	30	26,2	23,5	20,3		
JETINOX 82 T	102640030	3X230-400 V~	0,86	0,6	0,8	2,8-1,6	-	-		47	40	34	30	26,2	23,5	20,3		
JETINOX 102 M	102640040	1X220-240 V~	1,13	0,75	1	5,1	16	450		53,8	47	41	36,3	32,4	28,8	25,8		
JETINOX 102 T	60145172	3X230-400 V~	1,04	0,75	1	3,3-1,9	-	-		53,8	47	41	36,3	32,4	28,8	25,8		
JETINOX 112 M	102640060	1X220-240 V~	1,4	1	1,36	6,2	25	450		61	54	47,8	42,8	38,8	34,8	20		
JETINOX 112 T	60145274	3X230-400 V~	1,35	1	1,36	4,3-2,5	-	-		61	54	47,8	42,8	38,8	34,8	20		
JETINOX 92 M	102640080	1X220-240 V~	0,94	0,75	1	4,2	14	450		36,2	33,5	31	28,4	26	24	21,8	19,6	17,5
JETINOX 132 M	102640100	1X220-240 V~	1,49	1	1,36	6,6	25	450		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2
JETINOX 132 T	60145275	3X230-400 V~	1,43	1	1,36	4,7-2,7	-	-		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2

TECHNICAL DATA - JETCOM

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA									
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8
				kW	HP		µF	Vc	Q=l/min	0	10	20	30	40	50	60	70	80
JETCOM 62 M	102670000	1X220-240 V~	0,72	0,44	0,6	3,12	12,5	450		42	35	29,2	25,6	22,9	13			
JETCOM 82 M	102670020	1X220-240 V~	0,85	0,6	0,8	3,8	12,5	450		47	40	34	30	26,2	23,5	20		
JETCOM 102 M	102670040	1X220-240 V~	1,13	0,75	1	5,1	16	450		53,8	47	41	36,3	32,4	28,8	25,8		
JETCOM 102 T	60145176	3X230-400 V~	1,04	0,75	1	3,3-1,9	-	-	H (m)	53,8	47	41	36,3	32,4	28,8	25,8		
JETCOM 92 M	102670080	1X220-240 V~	0,94	0,75	1	4,2	14	450		36,2	33,5	31	28,4	26	24	21,8	19,6	17,5
JETCOM 132 M	102670100	1X220-240 V~	1,49	1	1,36	6,6	25	450		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2
JETCOM 132 T	60145278	3X230-400 V~	1,43	1	1,36	4,7-2,7	-	-		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2

TECHNICAL DATA - JET 200...251

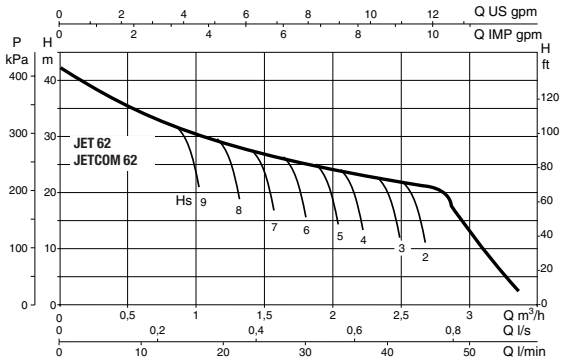


JET 151-251

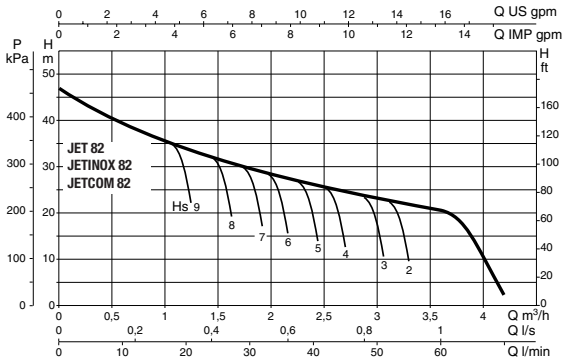


MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA																
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8	6	7,2	9	9,6	10,5
				kW	HP		µF	Vc	Q=l/min	0	10	20	30	40	50	60	70	80	100	120	150	160	175
JET 200 M	102160142	1X220-240 V~	2,0	1,5	2	9	31,5	450		41			37,5	36,5	35,2	34	33	31,8	29,5	27,2	24	22,8	21,3
JET 200 T	60145850	3X230-400 V~	2,0	1,5	2	6,8-3,9	-	-		41			37,5	36,5	35,2	34	33	31,8	29,5	27,2	24	22,8	21,3
JET 300 M	102160162	1X220-240 V~	2,7	2,2	3	12	40	450		51			48	47	46	44,5	43	42	40	37	33	32	29
JET 300 T	60145907	3X230-400 V~	2,7	2,2	3	8,5-4,9	-	-		51			48	47	46	44,5	43	42	40	37	33	32	29
JET 151 M	102160062	1X220-240 V~	1,6	1,1	1,5	7,2	31,5	450	H (m)	61	58,2	56	53	50	46	43	36					
JET 151 T	60145787	3X230-400 V~	1,6	1,1	1,5	5,2-3	-	-		61	58,2	56	53	50	46	43	36					
JET 251 M	102160092	1X220-240 V~	2,2	1,85	2,5	10	40	450		62	60	58	56	54	51	48,5	46	43,5	39	34,2			
JET 251 T	60145849	3X230-400 V~	2,2	1,85	2,5	6,9-4	-	-		62	60	58	56	54	51	48,5	46	43,5	39	34,2			

JET 62 - JETCOM 62



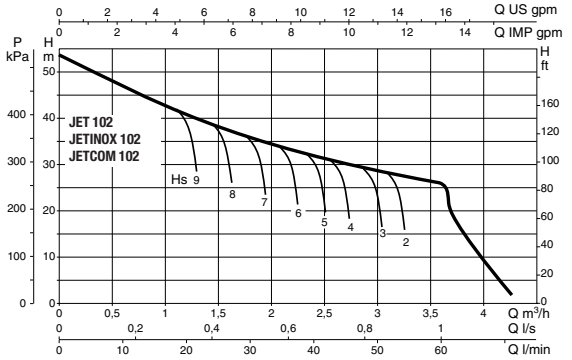
JET 82 - JETINOX 82 - JETCOM 82



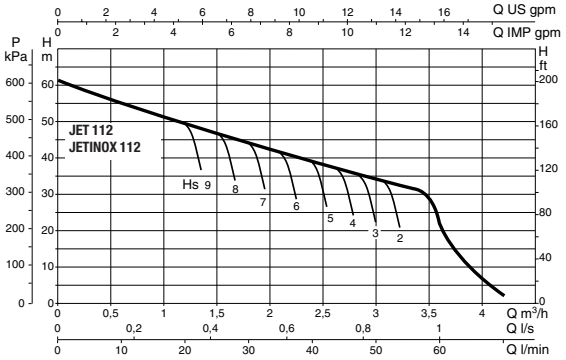
JET - JETINOX - JETCOM

SELF-PRIMING CENTRIFUGAL PUMPS

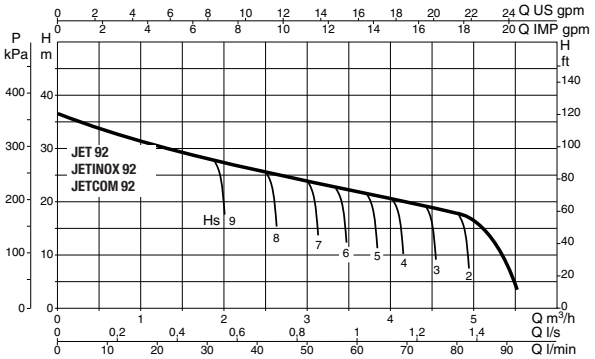
JET 102 - JETINOX 102 - JETCOM 102



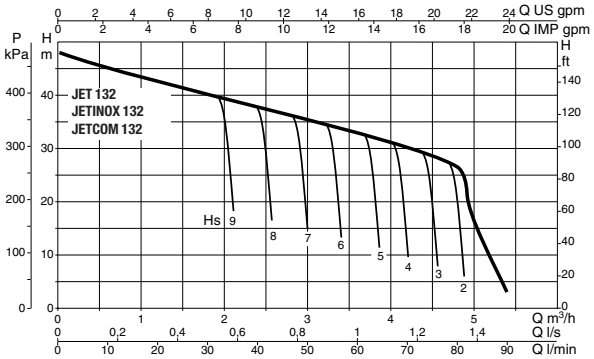
JET 112 - JETINOX 112



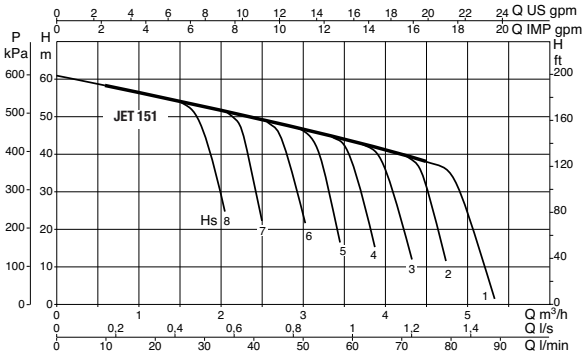
JET 92 - JETINOX 92 - JETCOM 92



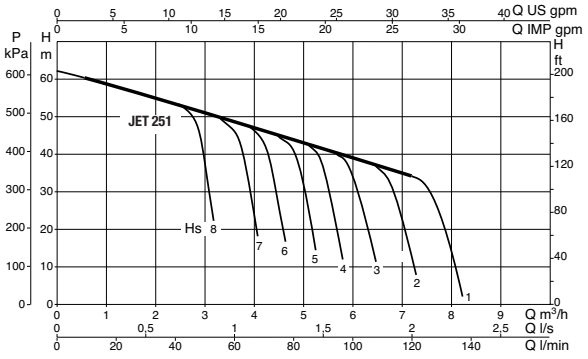
JET 132 - JETINOX 132 - JETCOM 132



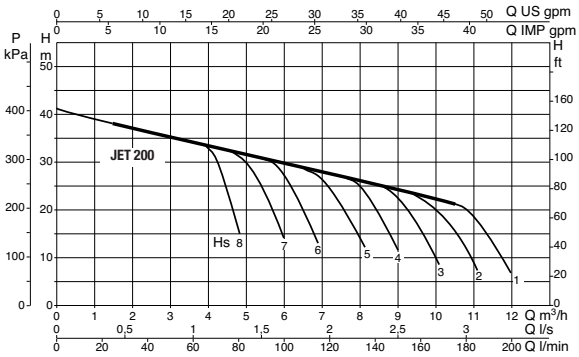
JET 151



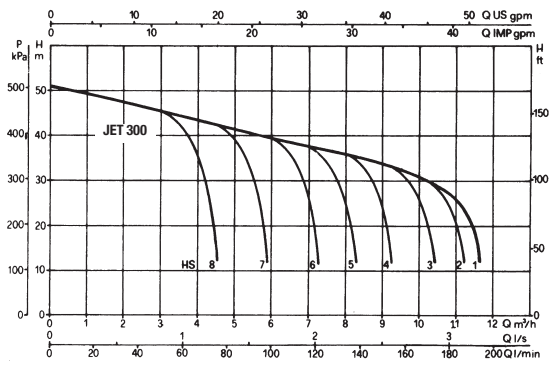
JET 251



JET 200

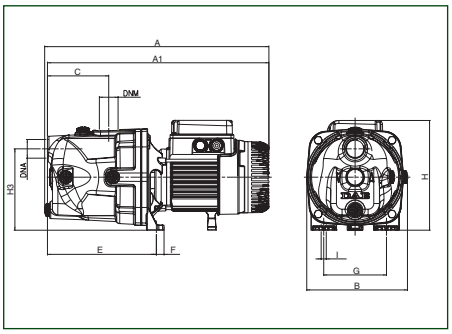


JET 300

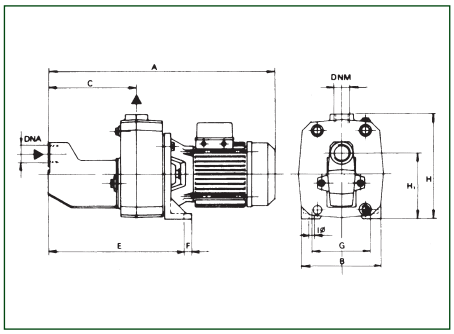


DIMENSIONS AND WEIGHTS

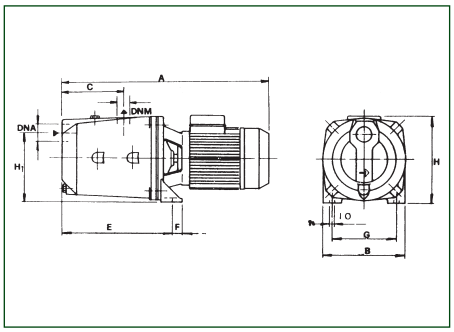
JET 62 -82-102-112-92-132



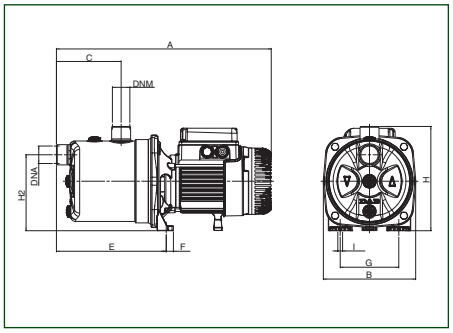
JET 151 - 251



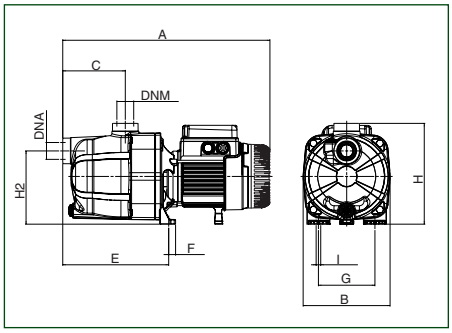
JET 200 - 300



JETINOX



JETCOM



MODEL	A	A1	B	C	E	F	G	H	H1	H3	I Ø	DNA GAS	DNM GAS	L/A	L/B	H	WEIGHT KG	Q.TY x PALLET
JET 62	395	390	178	108	192	14	111	193	–	144	9	1"	1"	470	240	240	10,5	28
JET 82	395	395	178	108	192	14	111	193	–	144	9	1"	1"	470	240	240	10,7	28
JET 102	414	409	178	108	197	14	111	203	–	144	9	1"	1"	470	240	240	12,5	28
JET 112	414	409	178	108	192	14	111	203	–	144	9	1"	1"	470	240	240	13,5	28
JET 92	395	390	178	108	192	14	111	193	–	144	9	1"	1"	470	240	240	11,7	28
JET 132	414	409	263	108	192	14	111	203	–	144	9	1"	1"	470	240	240	13,5	28
JET 151	558	210	221	350	20	145	11	255	158	–	–	1"1/4	1"	612	248	279	31	18
JET 251 M	632	210	221	350	20	145	11	255	158	–	–	1"1/4	1"	657	248	279	35	15
JET 251 T	558	210	221	350	20	145	11	255	158	–	–	1"1/4	1"	657	248	279	30,8	18
JET 200	521	214	151	282	20	160	11	227	175	–	–	1"1/2	1"1/4	612	248	279	27,1	18
JET 300 M	595	214	151	282	20	160	11	235	175	–	–	1"1/2	1"1/4	657	248	279	31,5	15
JET 300 T	521	214	151	282	20	160	11	227	175	–	–	1"1/2	1"1/4	612	248	279	27	18
JETINOX 82	406	174	122	207	14	111	197	–	144	9	–	1"	1"	470	240	240	7,8	28
JETINOX 102	424	174	122	207	14	111	197	–	144	9	–	1"	1"	470	240	240	9,6	28
JETINOX 112	424	174	122	207	14	111	197	–	144	9	–	1"	1"	470	240	240	10,6	28
JETINOX 92	406	174	122	207	14	111	197	–	144	9	–	1"	1"	470	240	240	8,8	28
JETINOX 132	424	174	122	207	14	111	197	–	144	9	–	1"	1"	470	240	240	10,6	28
JETCOM 62	406	170	122	208	14	111	198	–	144	9	–	1"	1"	470	240	240	7,5	28
JETCOM 82	406	170	122	208	14	111	198	–	144	9	–	1"	1"	470	240	240	7,7	28
JETCOM 102	425	170	122	208	14	111	203	–	144	9	–	1"	1"	470	240	240	9,5	28
JETCOM 92	425	170	122	208	14	111	203	–	144	9	–	1"	1"	470	240	240	8,7	28
JETCOM 132	425	170	122	208	14	111	203	–	144	9	–	1"	1"	470	240	240	10,5	28

DAB PUMPS reserves the right to make modifications without notice

DP - *DOMESTIC WATER SUPPLY*

HYDRAULIC DATA (n ~ 2800 1/min.)																
MODEL	P2 NOMINAL		EJECTOR TYPE	SUCTION DEPTH	Delivery pressure in bar											
					1,5	2	2,5	3	3,5	4	4,5	5	5,5	6	6,5	7
	kW	HP			Capacity table in l/h											
DP 82 M - T	0,6	0,8	E 25	9	1813	1080	446	33	–	–	–	–	–	–	–	–
				12	1426	225	–	–	–	–	–	–	–	–	–	–
				15	900	326	–	–	–	–	–	–	–	–	–	–
			E 30	9	1753	1286	812	524	261	12	–	–	–	–	–	–
				12	1345	965	608	329	162	0	–	–	–	–	–	–
				15	1166	761	452	228	45	–	–	–	–	–	–	–
DP 102 M - T	0,75	1	E 25	9	2386	1756	1097	515	126	–	–	–	–	–	–	–
				12	1930	1190	536	87	–	–	–	–	–	–	–	–
				15	1459	773	252	–	–	–	–	–	–	–	–	–
			E 30	12	–	1240	872	566	329	156	–	–	–	–	–	–
				15	–	1028	701	449	255	96	–	–	–	–	–	–
				18	–	785	527	302	150	15	–	–	–	–	–	–
				21	–	635	374	180	39	–	–	–	–	–	–	–
DP 151 M - T	1,1	1,5	E 20	9	–	–	–	3470	2890	2220	1500	750	–	–	–	–
				12	–	–	–	3110	2510	1850	1100	300	–	–	–	–
				15	–	–	–	2710	2100	1380	640	–	–	–	–	–
				18	–	–	–	2360	1700	950	–	–	–	–	–	–
			E 25	15	–	–	–	2800	2330	1830	1350	900	520	–	–	–
				18	–	–	–	2530	2050	1550	1090	680	300	–	–	–
				21	–	–	–	2280	1800	1300	860	470	–	–	–	–
			E 30	21	–	–	–	1820	1650	1410	1160	910	700	520	–	–
				24	–	–	–	1680	1520	1260	1020	780	580	420	–	–
				27	–	–	–	1550	1360	1110	880	680	490	330	–	–
DP 251 M - T	1,85	2,5	E 20	9	–	–	–	4300	3600	2900	2180	1400	640	–	–	–
				12	–	–	–	3750	3140	2540	1700	940	–	–	–	–
				15	–	–	–	–	2780	2040	1300	500	–	–	–	–
				18	–	–	–	–	2340	1610	820	–	–	–	–	–
			E 25	15	–	–	–	–	2920	2400	1900	1400	950	570	–	–
				18	–	–	–	–	2600	2110	1620	1150	720	360	–	–
				21	–	–	–	–	2350	1850	1350	900	510	–	–	–
				24	–	–	–	–	2050	1550	1080	660	300	–	–	–
			E 30	21	–	–	–	–	–	1710	1480	1220	980	770	590	420
				24	–	–	–	–	–	1580	1330	1080	850	670	490	330
				27	–	–	–	–	–	1440	1200	950	750	560	400	250

M - T = Single-phase (M) and Three-phase (T)

DP

PUMPS FOR DEEP SUCTION

ENERGY EFFICIENCY IE2

CE

DOMESTIC WATER SUPPLY



DP 82-102



DP 151-251

Self-priming centrifugal pump for suction up to 27 metres, reached by means of an ejector. Cast iron pump body and motor support. Technopolymer impeller and diffusers. Stainless steel adjustment rings. Carbon/ceramic mechanical seal. Cast iron ejector body, technopolymer Venturi tube and brass nozzle. Asynchronous motor closed and cooled by external ventilation.
Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. For the protection of the three-phase motor it is advisable to use a suitable overload protection complying with the regulations in force.

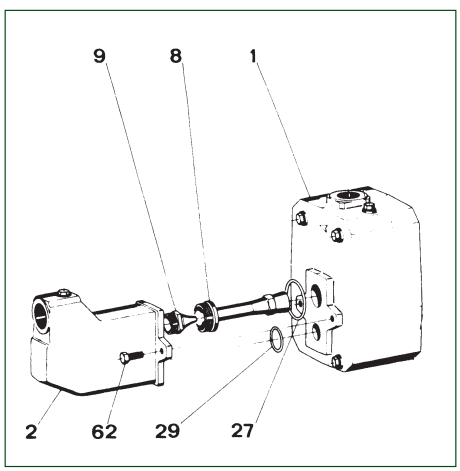
Operating range: from 0.15 to 4.3 m^3/h
Liquid temperature range:
from 0°C to +40°C for other uses
from 0°C to +35° C for domestic use
Pumped liquid characteristics: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral.
Maximum ambient temperature: +40°C
Maximum working pressure:
6 bar (600 kPa) for DP 82 - DP 102
8 bar (800 kPa) for DP 151 - DP 251
Protection level: IP 44
Insulation class: F

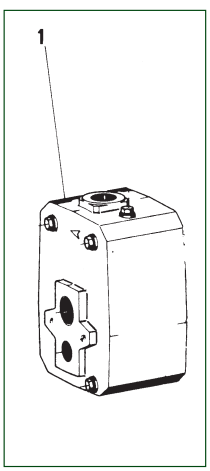
ACCESSORIES
PAG. 285

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA						
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR	
				kW	HP		µF	Vc
DP 82 M	102660860	1x220-240 V ~	0,73	0,6	0,8	3,4	12,5	450
DP 82 T	102660870	3x230-400 V ~	0,73	0,6	0,8	2,6-1,5	–	–
DP 102 M	102660880	1x220-240 V ~	0,79	0,75	1	3,8	16	450
DP 102 T	60145174	3x230-400 V ~	0,64	0,75	1	2,6-1,5	–	–
DP 151 M	102161042	1x220-240 V ~	1,56	1,1	1,5	7	31,5	450
DP 151 T	60145799	3x230-400 V ~	1,45	1,1	1,5	4,7-2,7	–	–
DP 251 M	102161072	1x220-240 V ~	–	1,85	2,5	8,3	40	450
DP 251 T	60145851	3x230-400 V ~	–	1,85	2,5	5,6-3,2	–	–

INSTRUCTIONS FOR CONVERTION





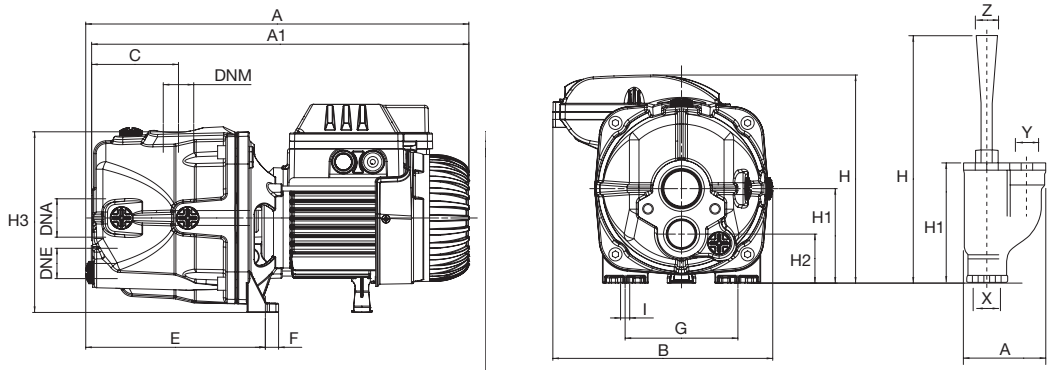
Conversion from DP 151-251 to JET 151-251
Screw the nozzle (9) into place on the ejector's body (2) and the Venturi tube (8). Put the O-rings (27) and (29) in their respective places and fix the ejector body (2) to the pump body (1) using the two screws (62).

Conversion from JET 151-251 to DP 151-251
Loosen and remove the two screws (62) connecting the ejector body (2) to the pump body (1).
Save the O-rings (27) and (29), the Venturi tube (8) and the nozzle (9).

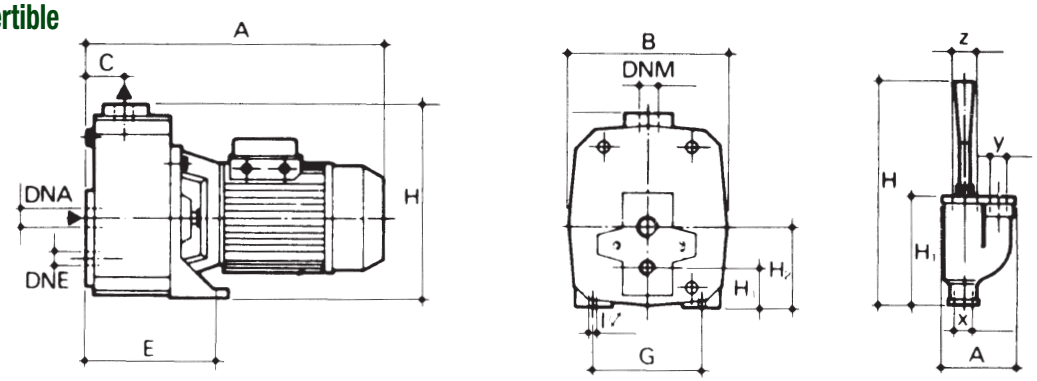
DAB PUMPS reserves the right to make modifications without notice

DIMENSIONS AND WEIGHTS

DP 82-102



DP 151-251 Convertible



MODEL	A	A1	B	C	E	G	I Ø	H	H1	H2	H3	I	DNA GAS	DNM GAS	DNE GAS	EJECTOR						PACKAGING DIMENSIONS			WEIGHT Kg	Q.TY x PALLET
																A	H	H1	x	y	z	L/A	L/B	H		
DP 82 M-T	377	371	175	86	177	111	–	194	94	49	179	9	1"¼	1"	1"	97	295	143	1"G	1"G	1¼"G	480	240	240	10,7	28
DP 102 M-T	398	392	175	86	177	111	–	203	94	49	179	9	1"¼	1"	1"	97	295	143	1"G	1"G	1¼"G	480	240	240	13	28
DP 151 M-T	388	–	210	50	197	145	11	155	52	108	–	–	1"¼	1"	1"	97	295	143	1"G	1"G	1¼"G	–	–	–	28	21
DP 251 M	462	–	210	50	197	145	11	155	53	108	–	–	1"¼	1"	1"	97	295	143	1"G	1"G	1¼"G	–	–	–	32,5	21
DP 251 T	388	–	210	50	197	145	11	155	53	108	–	–	1"¼	1"	1"	97	295	143	1"G	1"G	1¼"G	–	–	–	27,9	21

GARDENJET - GARDEN INOX - GARDEN COM

SELF-PRIMING CENTRIFUGAL PUMPS



GARDENJET



GARDEN-INOX



GARDEN-COM

CE

DOMESTIC WATER SUPPLY

Portable self-priming centrifugal electropump for gardening, vegetable gardens, washing and hobbies.
Equipped with a handle for easy transport and 2-metre power cable type H07 RN-F complete with plug and switch. Compact and easy to install, self-priming so that it can take up water from tanks, wells or streams, tolerating air bubbles and water with small particles of sand.
Gardenjet: Cast iron pump body and die-cast aluminium motor support.
Garden-com: Technopolymer pump body and die-cast aluminium motor support.
Garden-inox: Stainless steel pump body. Die-cast aluminium motor support.
Technopolymer impeller, diffuser and Venturi tube.
Stainless steel seal disc and pressure discs.
Carbon/ceramic mechanical seal.
nduction motor, closed and cooled with external ventilation.
Rotor mounted on oversized greased sealed-for-life ball bearings to ensure silent running and long life.
Built-in thermal and current overload protection and a capacitor permanently in circuit.
Manufactured according to CEI 2-3 and CEI 61-69 standards (EN 60335-2-41).

Motor protection: IP 44
Terminal box protection: IP 55
Insulation class: F
Standard voltage: single-phase220-240 V/50 Hz
Operating range: from 0.4 to 5.4 m^3/h with head up to 54 metres.
Liquid quality requirements: clean, free from solids or abrasive substances, non viscous, non aggressive, non crystallizeneutral, close to the characteristics of water.
Liquid temperature range:
from 0°C to +35°C for domestic use (EN 60335-2-41)
from 0°C to +40°C for other uses
Maximum ambient temperature: +40°C
Maximum suction depth: 8 metres
Maximum operating pressure:
8 bar (800 kPa)
6 bar (600 kPa) only for technopolymer models (JETCOM)
Installation: fixed or portable in a horizontal position.
Special executions on request: other voltages and/or frequencies.

ACCESSORIES
PAG. 285

TECHNICAL DATA

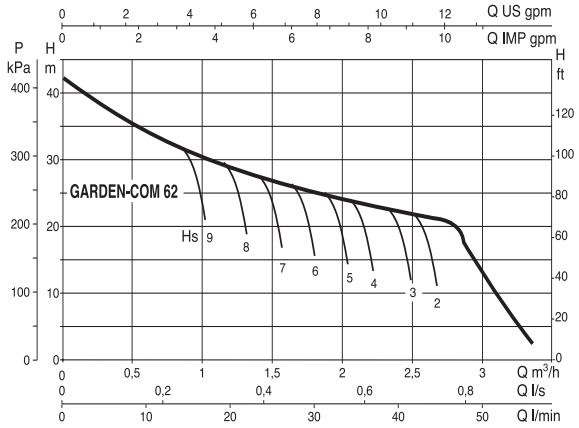
MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA									
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR		Q=m^3h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8
				kW	HP		µF	Vc	Q=l/min	0	10	20	30	40	50	60	70	80
GARDENJET 82 M	102652010	1x220-240 V ~	0,85	0,6	0,8	3,8	12,5	450	H (m)	47	40	34	30	26,2	23,5	20,3		
GARDENJET 102 M	102652020	1x220-240 V ~	1,13	0,75	1	5,1	16	450		53,8	47	41	36,3	32,4	28,8	25,8		
GARDENJET 132 M	102652040	1x220-240 V ~	1,49	1	1,36	6,6	25	450		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2
GARDENJET-INOX 82 M	102657010	1x220-240 V ~	0,85	0,6	0,8	3,8	12,5	450		47	40	34	30	26,2	23,5	20,3		
GARDENJET-INOX 102 M	102657020	1x220-240 V ~	1,13	0,75	1	5,1	16	450		53,8	47	41	36,3	32,4	28,8	25,8		
GARDENJET-INOX 132 M	102657040	1x220-240 V ~	1,49	1	1,36	6,6	25	450		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2
GARDENJET-COM 62 M	102682000	1x220-240 V ~	0,72	0,44	0,6	3,12	12,5	450		42,7	35	29,2	25,6	22,9	13			
GARDENJET-COM 82 M	102682010	1x220-240 V ~	0,85	0,6	0,8	3,8	12,5	450		47	40	34	30	26,2	23,5	20,3		
GARDENJET-COM 102 M	102682020	1x220-240 V ~	1,13	0,75	1	5,1	16	450		53,8	47	41	36,3	32,4	28,8	25,8		

DAB PUMPS reserves the right to make modifications without notice

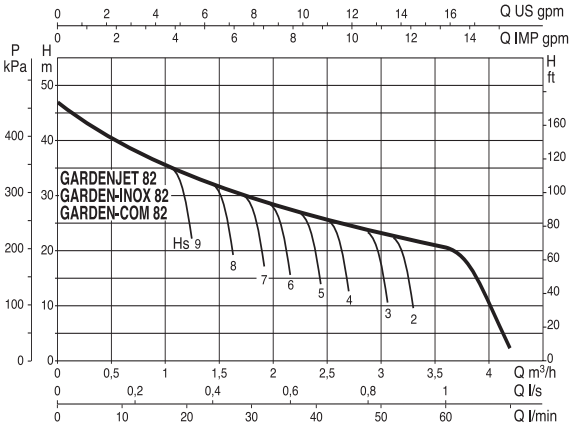
GARDENJET - GARDEN INOX - GARDEN COM

SELF-PRIMING CENTRIFUGAL PUMPS

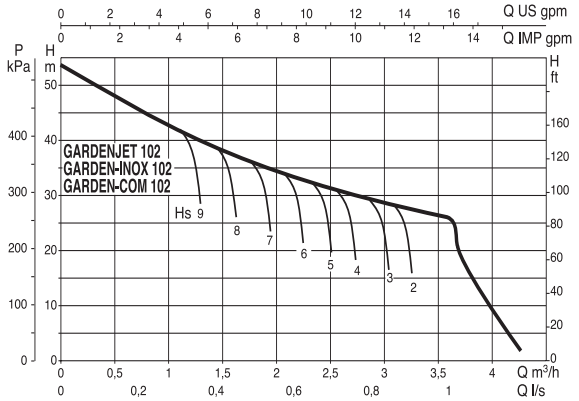
GARDEN 62



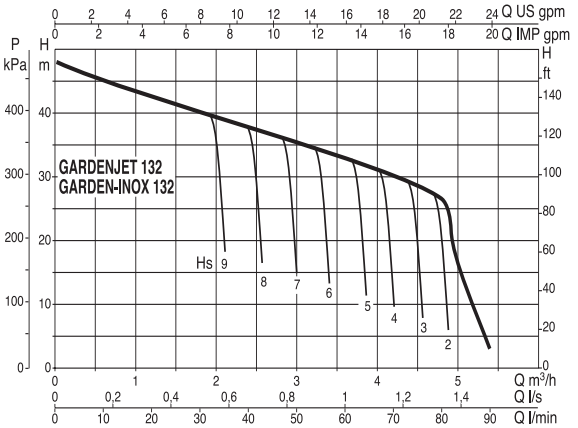
GARDEN 82



GARDEN 102

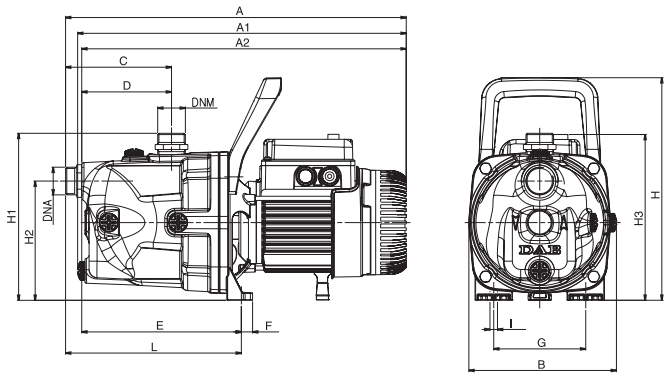


GARDEN 132

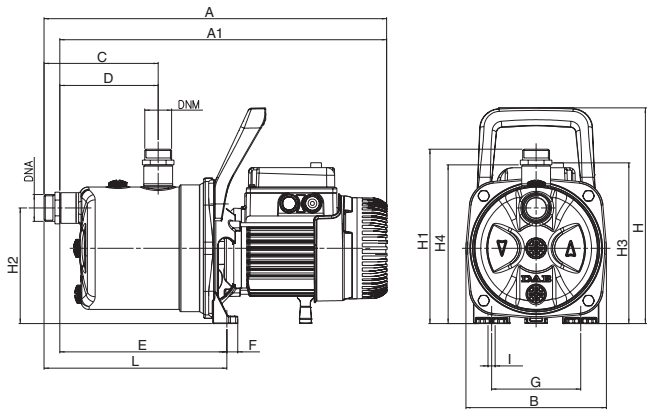


DIMENSIONS AND WEIGHTS

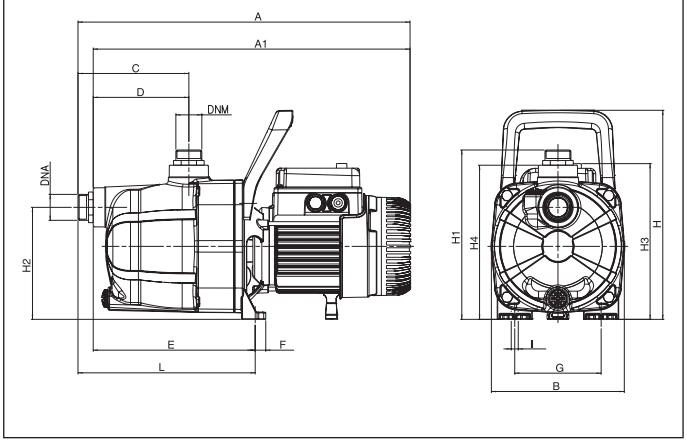
GARDEN-JET



GARDEN-INOX



GARDEN-COM



MODEL	A	A1	A2	B	C	D	E	F	G	H	H1	H2	H3	I Ø	L	DNA GAS	DNM GAS	PACKAGING DIMENSIONS			WEIGHT KG	Q.TY x PALLET
																		L/A	L/B	H		
GARDENJET 82	410	395	390	178	127	108	192	14	111	268	201	144	199	9	212	1"	1"	470	240	240	11	28
GARDENJET 102	429	414	409	178	127	108	192	14	111	268	200	144	209	9	212	1"	1"	470	240	240	12,8	28
GARDENJET 132	429	414	409	178	127	108	192	14	111	268	200	144	209	9	212	1"	1"	470	240	240	13,8	28
GARDEN-INOX 82	424	406	174	142	122	207	14	111	268	216	144	199	197	9	227	1"	1"	470	240	240	10,7	28
GARDEN-INOX 102	444	424	174	142	122	207	14	111	268	216	144	209	197	9	227	1"	1"	470	240	240	12,5	28
GARDEN-INOX 132	444	424	174	142	122	207	14	111	268	216	144	209	197	9	227	1"	1"	470	240	240	13,5	28
GARDEN-COM 62	425	406	170	142	122	208	14	111	268	217	144	199	198	9	227	1"	1"	470	240	240	10,7	28
GARDEN-COM 82	425	406	170	142	122	208	14	111	268	217	144	199	198	9	227	1"	1"	470	240	240	10,7	28
GARDEN-COM 102	444	406	170	142	122	208	14	111	268	217	144	209	203	9	227	1"	1"	470	240	240	12,5	28

EURO - EUROINOX - EUROCOM

MULTISTAGE CENTRIFUGAL PUMPS

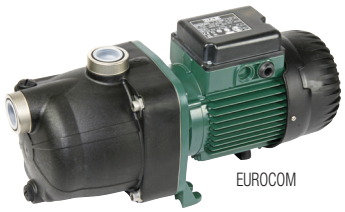
ENERGY EFFICIENCY IE2



EURO



EUROINOX



EUROCOM

CE

DOMESTIC WATER SUPPLY

Multistage horizontal centrifugal pump, featuring extremely silent running suitable for domestic use for water supply and pressurisation, irrigation of gardens and vegetable gardens, and moving water in general.
Euro: pump body in 200 UNI ISO 185 cast iron.
Euroinox: stainless steel pump body.
Eurocom: technopolymer pump body.
Motor support in die-cast aluminium, seal holder in AISI 304 steel. Mechanical seal in carbon/ceramic. Rotor shaft in AISI 304 steel. Rotors, diffuser bodies and diffusers in technopolymer. Adjustment rings in stainless steel.

Protection level of motor: IP 44
Protection level of terminal board: IP 55
Insulation class: F
Operating range: from 10 to 120 l/min. with a head of up to 72 m.
Pumped liquid characteristics: clean, free from solid or abrasive substances, not viscous, not aggressive, not crystallised, chemically neutral and close to the characteristics of water.
Liquid temperature range:
from 0°C to +35°C C for domestic use (EN 60335-2-41)
from 0°C to +40°C for other uses.
Maximum ambient temperature: +40°C
Maximum operating pressure: 8 bar (800 kPa)
Euroinox: self-priming.other uses.
Maximum ambient temperature: +40°C
Maximum operating pressure: 8 bar (800 kPa)
Euroinox: self-priming.

ACCESSORIES
PAG. 285

TECHNICAL DATA - EURO

MODEL	CODE	N° IMPELLERS	ELECTRICAL DATA							HYDRAULIC DATA											
			VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8	6	7,2
					kW	HP		µF	Vc	Q=l/min	0	10	20	30	40	50	60	70	80	100	120
EURO 25/30 M	102970000	3	1x220-240 V ~	0,510	0,37	0,5	2,4	10	450	H (m)	34,4	31,7	28,3	23,5	17,5	11					
EURO 30/30 M	102970020	4	1x220-240 V ~	0,74	0,45	0,6	3,2	12,5	450		46	42,2	37,8	31,2	23,3	14,3					
EURO 40/30 M	102970040	5	1x220-240 V ~	0,870	0,55	0,75	3,9	12,5	450		57	52,7	47	38,8	29	17,7					
EURO 30/50 M	102970060	3	1x220-240 V ~	0,880	0,55	0,75	3,9	12,5	450		42,5	40,2	38,2	36,2	33,8	30	24,8	19,5	14		
EURO 40/50 M	102970080	4	1x220-240 V ~	1,200	0,75	1	5,3	25	450		57,5	55,3	52,8	50,1	47,1	42,7	35,8	28	19		
EURO 40/50 T	60145283	4	3x230-400 V ~	1,180	0,75	1	3,8/2,2	-	-		57,5	55,3	52,8	50,1	47,1	42,7	35,8	28	19		
EURO 50/50 M	102970100	5	1x220-240 V ~	1,480	1	1,36	6,3	25	450		72	68,5	65,5	62,1	58,2	52,2	43,6	34,5	26		
EURO 50/50 T	60145284	5	3x230-400 V ~	1,440	1	1,36	4,4/2,5	-	-		72	68,5	65,5	62,1	58,2	52,2	43,6	34,5	26		
EURO 30/80 M	102970140	4	1x220-240 V ~	1,2	0,8	1,1	5,3	25	450		47		46,5	45	43,5	41	38	34,5	31	23	12
EURO 30/80 T	60145285	4	3x230-400 V ~	1,18	0,8	1,1	3,8/2,2	-	-		47		46,5	45	43,5	41	38	34,5	31	23	12
EURO 40/80 M	102970160	5	1x220-240 V ~	1,48	1	1,36	6,3	25	450		59		57	56	54	51	47	43,5	39	29,5	16,5
EURO 40/80 T	60145286	5	3x230-400 V ~	1,44	1	1,36	4,4/2,5	-	-		59		57	56	54	51	47	43,5	39	29,5	16,5

TECHNICAL DATA - EUROINOX

MODEL	CODE	N° IMPELLERS	ELECTRICAL DATA							HYDRAULIC DATA											
			VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8	6	7,2
					kW	HP		µF	Vc	Q=l/min	0	10	20	30	40	50	60	70	80	100	120
EUROINOX 25/30 M	102970200	3	1x220-240 V ~	0,520	0,37	0,5	2,4	10	450		34	31,7	28,3	23,5	17,5	11					
EUROINOX 30/30 M	102970220	4	1x220-240 V ~	0,720	0,45	0,6	3,2	12,5	450		46	42,2	37,8	31,2	23,3	14,3					
EUROINOX 40/30 M	102970240	5	1x220-240 V ~	0,880	0,55	0,75	3,9	12,5	450		57	52,7	47	38,8	29	17,7					
EUROINOX 30/50 M	102970260	3	1x220-240 V ~	0,880	0,55	0,75	3,9	12,5	450		42	40,2	38,2	36,2	33,8	30	24,8	19,5	14		
EUROINOX 30/50 T	102970270	3	3x230-400 V ~	0,870	0,55	0,75	2,8-1,6	-	-		42	40,2	38,2	36,2	33,8	30	24,8	19,5	14		
EUROINOX 40/50 M	102970280	4	1x220-240 V ~	1,200	0,75	1	5,3	25	450		58	55,3	52,8	50,1	47,1	42,7	35,8	28	19		
EUROINOX 40/50 T	60145287	4	3x230-400 V ~	1,180	0,75	1	3,8-2,2	-	-	H (m)	58	55,3	52,8	50,1	47,1	42,7	35,8	28	19		
EUROINOX 50/50 M	102970300	5	1x220-240 V ~	1,480	1	1,36	6,3	25	450		72	68,5	65,5	62,1	58,2	52,2	43,6	34,5	26		
EUROINOX 50/50 T	60145288	5	3x230-400 V ~	1,440	1	1,36	4,4-2,5	-	-		72	68,5	65,5	62,1	58,2	52,2	43,6	34,5	26		
EUROINOX 30/80 M	102970340	4	1x220-240 V ~	1,200	0,8	1,1	5,3	12,5	450		47		46,5	45	43,5	41	38	34,5	31	23	12
EUROINOX 30/80 T	60145289	4	3x230-400 V ~	1,18	0,8	1,1	3,8 - 2,2	-	-		47		46,5	45	43,5	41	38	34,5	31	23	12
EUROINOX 40/80 M	102970360	5	1x220-240 V ~	1,48	1	1,36	6,5	25	450		59		57	56	54	51	47	43,5	39	29,5	16,5
EUROINOX 40/80 T	60145290	5	3x230-400 V ~	1,44	1	1,36	4,4-2,5	-	-		59		57	56	54	51	47	43,5	39	29,5	16,5

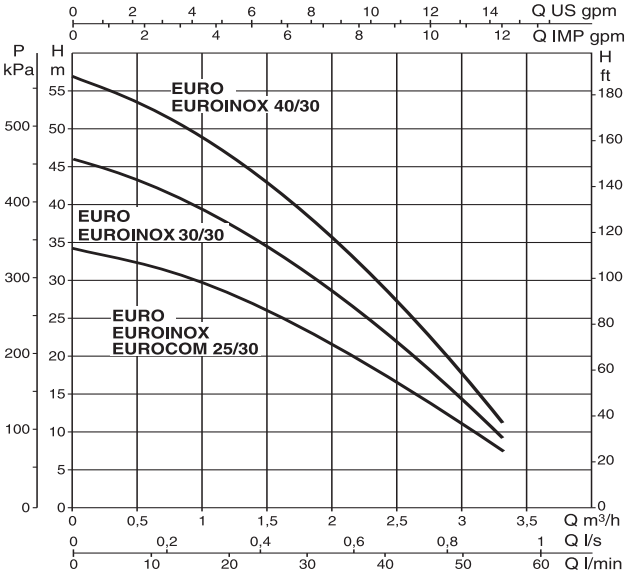
TECHNICAL DATA - EUROCOM

MODEL	CODE	N° IMPELLERS	ELECTRICAL DATA							HYDRAULIC DATA											
			VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8	6	7,2
					kW	HP		µF	Vc	Q=l/min	0	10	20	30	40	50	60	70	80	100	120
EUROCOM 25/30 M	102960000	3	1x220-240 V ~	0,520	0,37	0,5	2,4	10	450		34,4	31,7	28,3	23,5	17,5	11					
EUROCOM 30/50 M	102960060	3	1x220-240 V ~	0,880	0,55	0,75	3,9	12,5	450		42,2	40,2	38,2	36,2	33,8	30	24,8	19,5	14		
EUROCOM 40/50 M	102960080	4	1x220-240 V ~	1,200	0,75	1	5,3	25	450		57,7	55,3	52,8	50,1	47,1	42,7	35,8	28	19,2		
EUROCOM 40/50 T	60145279	4	3x230-400 V ~	1,180	0,75	1	3,8-2,2	-	-	H (m)	57,7	55,3	52,8	50,1	47,1	42,7	35,8	28	19,2		
EUROCOM 30/80 T	60145280	4	3x230-400 V ~	1,040	0,8	1,1	3,3-1,9	-	-		47		46,5	45	43,5	41	38	34,5	31	23	12

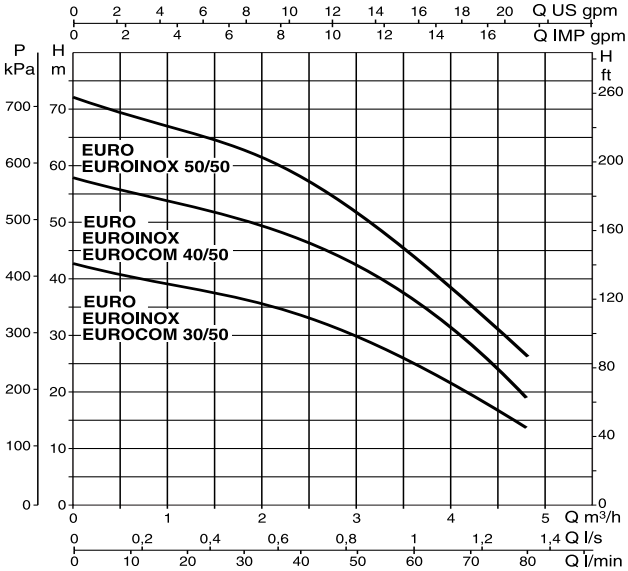
DAB PUMPS reserves the right to make modifications without notice

EURO - EUROINOX - EUROCOM
MULTISTAGE CENTRIFUGAL PUMPS

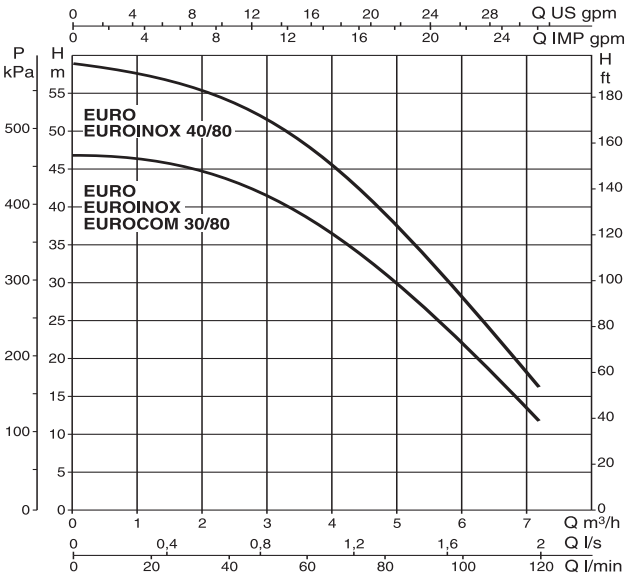
EURO - EUROINOX - EUROCOM 30



EURO - EUROINOX - EUROCOM 50

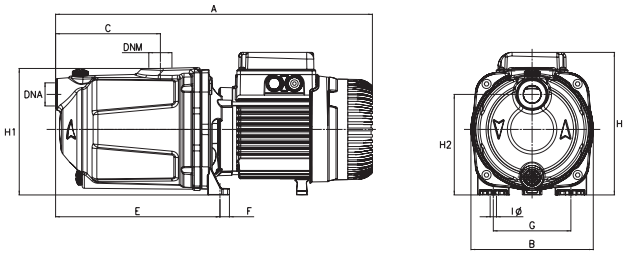


EURO - EUROINOX - EUROCOM 80



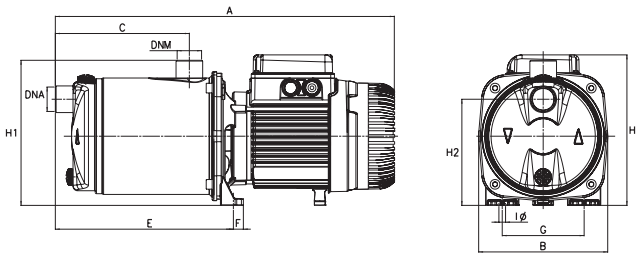
DIMENSIONS AND WEIGHTS

EURO



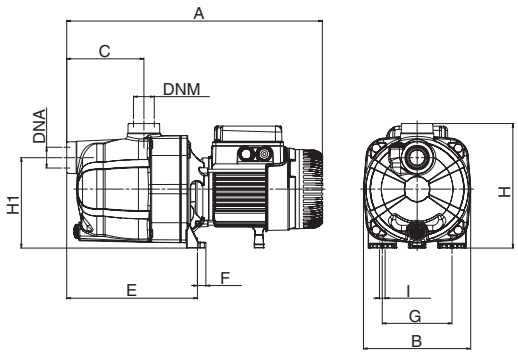
MODEL	A	B	C	E	F	G	IØ	H	H1	H2	DNA GAS	DNM GAS	PACKAGING DIMENSIONS			WEIGHT Kg	Q.TY x PALLET
													L/A	L/B	H		
EURO 25/30	378	175	94,5	180	13,5	111	9	194	179	143,5	1"	1"	440	206	245	10,7	28
EURO 30/30	433	175	149,5	235	13,5	111	9	194	179	143,5	1"	1"	480	212	265	12,7	28
EURO 40/30	433	175	149,5	235	13,5	111	9	194	179	143,5	1"	1"	480	212	265	12,8	28
EURO 30/50	378	175	94,5	180	13,5	111	9	194	179	143,5	1"	1"	440	206	245	11,7	28
EURO 40/50	452	175	149,5	235	13,5	111	9	204	179	143,5	1"	1"	480	212	265	15,6	28
EURO 50/50	452	175	149,5	235	13,5	111	9	204	179	143,5	1"	1"	480	212	265	16,2	28
EURO 30/80	452	175	149,5	235	13,5	111	9	204	179	143,5	1"	1"	480	212	265	15,6	28
EURO 40/80	452	175	149,5	235	13,5	111	9	204	179	143,5	1"	1"	480	212	265	16,2	28

EUROINOX



MODEL	A	B	C	E	F	G	IØ 4 HOLES	H	H1	H2	DNA GAS	DNM GAS	PACKAGING DIMENSIONS			WEIGHT Kg	Q.TY x PALLET
													L/A	L/B	H		
EUROINOX 25/30	384	174	108	186	13,5	111	9	193	196	143	1"	1"	440	206	245	9,7	28
EUROINOX 30/30	439	174	166	241	13,5	111	9	193	196	143	1"	1"	480	212	265	11,7	28
EUROINOX 40/30	439	174	166	241	13,5	111	9	193	196	143	1"	1"	480	212	265	11,9	28
EUROINOX 30/50	384	174	108	186	13,5	111	9	193	196	143	1"	1"	440	206	245	10,5	28
EUROINOX 40/50	458	174	166	241	13,5	111	9	203	196	143	1"	1"	480	212	265	14,6	28
EUROINOX 50/50	458	174	166	241	13,5	111	9	203	196	143	1"	1"	480	212	265	15,1	28
EUROINOX 30/80	458	174	166	241	13,5	111	9	203	196	143	1"	1"	480	212	265	14,6	28
EUROINOX 40/80	458	174	166	241	13,5	111	9	203	196	143	1"	1"	480	212	265	15,1	28

EUROCOM



MODEL	A	B	C	E	F	G	IØ 4 HOLES	H	H1	H2	DNA GAS	DNM GAS	PACKAGING DIMENSIONS			WEIGHT Kg	Q.TY x PALLET
													L/A	L/B	H		
EUROCOM 25/30	406	170	122	208	14	111	9	198	144	–	1"	1"	470	240	240	8	28
EUROCOM 30/50	406	170	122	208	14	111	9	198	144	–	1"	1"	470	240	240	8,8	28
EUROCOM 40/50	425	170	122	208	14	111	9	203	144	–	1"	1"	470	240	240	11	28
EUROCOM 30/80	425	170	122	208	14	111	9	203	144	–	1"	1"	470	240	240	11	28

DAB PUMPS reserves the right to make modifications without notice

MULTI INOX

SELF-PRIMING HORIZONTAL MULTISTAGE PUMPS



CE

DOMESTIC WATER SUPPLY

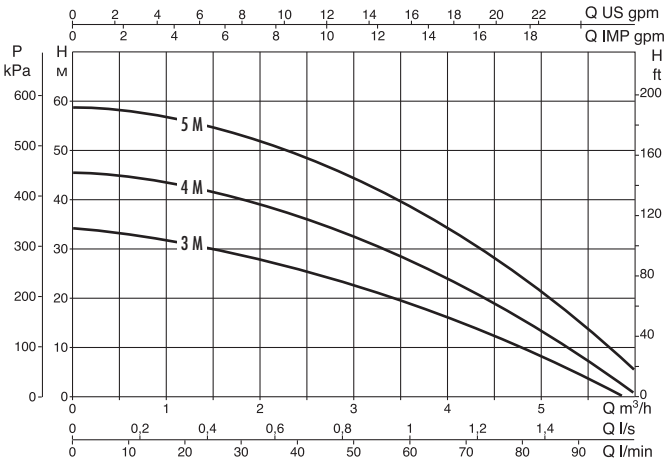
Self-priming multistage pumps ideal for water supply in domestic and garden applications. High performances. Available with 3 - 4 – 5 **impellers in AISI 304 stainless steel**.
Materials resistant to corrosion and oxidation.
Motor with thermal overload protection.
Double insulation between motor and hydraulic section.

Optimal resistance to low temperatures.
Supplied complete with power cable and plug.
Liquid temperature range:
from 0°C to +35°C (for domestic use)
(EN 60335-2-41)
from 0°C to +40°C (for other uses).

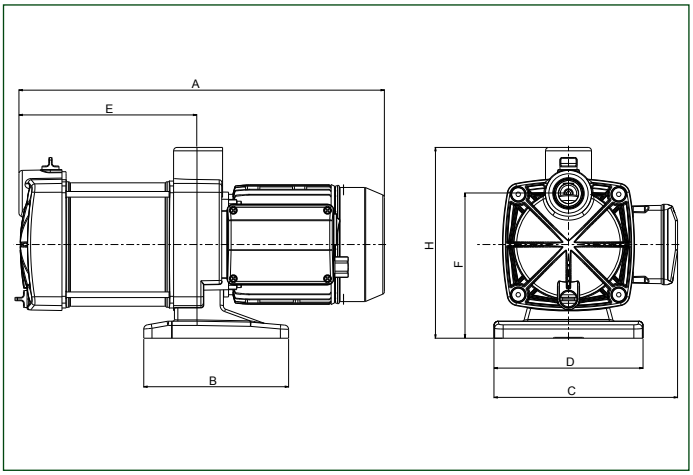
TECHNICAL DATA

MODEL	CODE	N° IMPELLERS	ELECTRICAL DATA							HYDRAULIC DATA										
			VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8	5,4
					kW	HP		µF	Vc	Q=l/min	0	10	20	30	40	50	60	70	80	90
MULTI INOX 3 M	60122692	3	1x220-240 V ~	0,80	0,55	0,75	3,7	12,5	450	H (m)	33	32	30	29	27	22	19	14	10	5
MULTI INOX 4 M	60122693	4	1x220-240 V ~	1,00	0,75	1	4,5	16	450		46	45	43	40	38	33	28	22	16	9
MULTI INOX 5 M	60122694	5	1x220-240 V ~	1,25	1	1,36	5,5	20	450		59	58	56	53	49	45	38	32	25	13

MULTI INOX



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E	F	H	DNA GAS	DNM GAS	PACKAGING DIMENSIONS			WEIGHT Kg	Q.TY x PALLET
										L/A	L/B	H		
MULTI INOX 3 M	380	170	215	175	184	170	220	1"	1"	460	230	270	8,8	21
MULTI INOX 4 M	430	170	215	175	209	170	220	1"	1"	460	230	270	11,3	21
MULTI INOX 5 M	455	170	215	175	234	170	220	1"	1"	460	230	270	12,5	21

MULTI 4 SW

SELF-PRIMING HORIZONTAL MULTISTAGE PUMPS



CE

SALT WATER

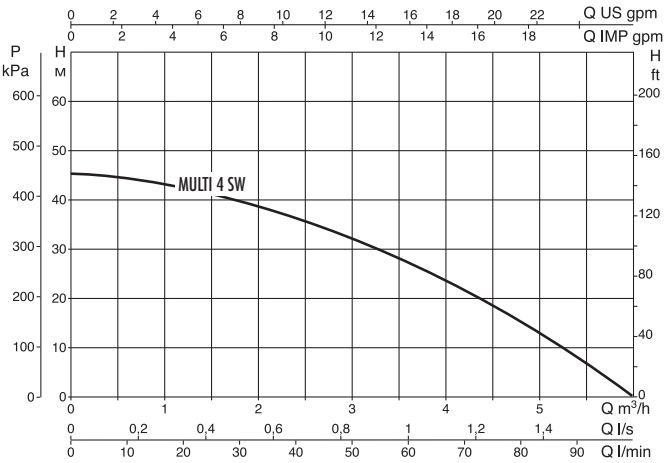
Is a self-priming multistage surface pump specifically constructed to pump salt water. Low noise and high pressure performance. **Available with 4-Noryl impeller.**
Anti-corrosive and rust-proof materials.
Motor with thermic overload protection.

Double sealing system between motor and hydraulic part. High resistance to frost and icing.
Supplied with power cable with plug, and self-sealing fitting.
Supplied complete with power cable and plug.

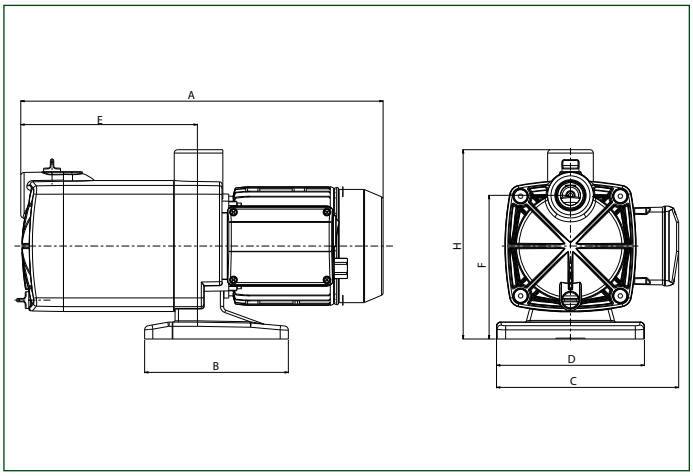
TECHNICAL DATA

MODEL	CODE	N° IMPELLERS	ELECTRICAL DATA							HYDRAULIC DATA										
			VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8	5,4
					kW	HP		µF	Vc	Q=l/min	0	10	20	30	40	50	60	70	80	90
MULTI 4 SW M	60122695	4	1x220-240 V ~	1	0,75	1	4,5	16	450	H (m)	46	45	43	40	38	33	28	22	16	9

MULTI 4 SW



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E	F	H	DNA GAS	DNM GAS	PACKAGING DIMENSIONS			WEIGHT Kg	Q.TY x PALLET
										L/A	L/B	H		
MULTI 4 SW M	430	170	215	175	209	170	224	1"	1"	460	230	270	10,6	21

JET - JET INOX - EURO - EUROINOX M-P

CENTRIFUGAL PUMPS FITTED

ENERGY EFFICIENCY IE2



JET M-P

JET 151-251 T-P

CE

DOMESTIC WATER SUPPLY

SINGLE-PHASE VERSION

Self-priming pump equipped with gauge, pressure switch, power supply cable with plug and three-way brass fitting for connecting to a tank.

THREE-PHASE VERSION

Self-priming electropump equipped with gauge, pressure switch, overload cutout and three-way brass fitting for connecting to a tank.

ACCESSORIES
PAG. 285

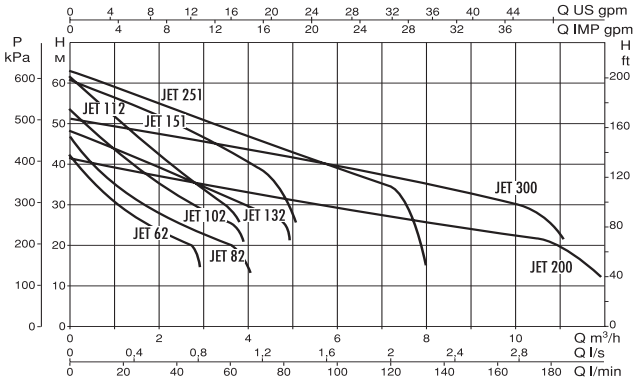
TECHNICAL DATA - JET M-P - JETINOX M-P

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA															
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8	6	7,2	9	9,6	10,5
				kW	HP		µF	Vc	Q=l/min	0	10	20	30	40	50	60	70	80	100	120	150	160	175
JET 62 M-P	102662000	1x220-240 V ~	0,72	0,44	0,6	3,12	12,5	450		42	35	29,2	25,6	22,9	21,1									
JET 82 M-P	102662020	1x220-240 V ~	0,85	0,6	0,8	3,8	12,5	450		47	40	34	30	26,2	23,5	20,3								
JET 102 M-P	102662040	1x220-240 V ~	1,13	0,75	1	5,1	16	450		53,8	47	41	36,3	32,4	28,8	25,8								
JET 112 M-P	102662060	1x220-240 V ~	1,4	1	1,36	6,2	25	450		61	54	47,8	42,8	38,8	34,8	20								
JET 132 M-P	102662100	1x220-240 V ~	1,49	1	1,36	6,6	25	450		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2						
JET 200 M-P	102162182	1x220-240 V ~	2	1,5	2	9	31,5	450		41			37,5	36,5	35,2	34	33	31,8	29,5	27,2	24	22,8	21,3
JET 200 T-P	60147316	3x400 V~	2	1,5	2	3,9	-	-		41			37,5	36,5	35,2	34	33	31,8	29,5	27,2	24	22,8	21,3
JET 300 M-P	102162192	1x220-240 V ~	2,7	2,2	3	12	40	450		51			48	47	46	44,5	43	42	40	37	33	32	29
JET 300 T-P	60147318	3x400 V~	2,7	2,2	3	8,5-4,9	-	-	H (m)	51			48	47	46	44,5	43	42	40	37	33	32	29
JET 151 M-P	102162062	1x220-240 V ~	1,6	1,1	1,5	7,2	31,5	450		61	58,2	56	53	50	46	43	36						
JET 151 T-P	60147315	3x400 V~	1,6	1,1	1,5	5,2-3	-	-		61	58,2	56	53	50	46	43	36						
JET 251 M-P	102162082	1x220-240 V ~	2,2	1,85	2,5	10	40	450		62	60	58	56	54	51	48,5	46	43,5	39	34,2			
JET 251 T-P	60147317	3x400 V~	2,2	1,85	2,5	6,9-4	-	-		62	60	58	56	54	51	48,5	46	43,5	39	34,2			
JETINOX 82 M-P	102642020	1x220-240 V ~	0,85	0,6	0,8	3,8	12,5	450		47	40	34	30	26,2	23,5	20,3								
JETINOX 102 M-P	102642040	1x220-240 V ~	1,13	0,75	1	5,1	16	450		53,8	47	41	36,3	32,4	28,8	25,8								
JETINOX 112 M-P	102642060	1x220-240 V ~	1,4	1	1,36	6,2	25	450		61	54	47,8	42,8	38,8	34,8	20								
JETINOX 132 M-P	102642100	1x220-240 V ~	1,49	1	1,36	6,6	25	450		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2						

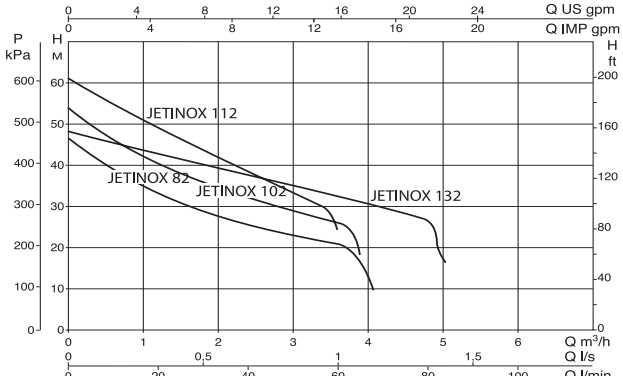
TECHNICAL DATA - EURO M-P - EUROINOX M-P

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA											
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8	6	7,2
				kW	HP		µF	Vc	Q=l/min	0	10	20	30	40	50	60	70	80	100	120
EUROINOX 40/30 M-P	102972240	1 x 220-240 V~	0,88	0,55	0,75	3,9	12,5	450	H (m)	57	52,7	47	38,8	29	17,7					
EUROINOX 30/50 M-P	102972260	1 x 220-240 V~	0,88	0,55	0,75	3,9	12,5	450		42	40,2	38,2	36,2	33,8	30	24,8	19,5	14		
EUROINOX 40/50 M-P	102972280	1 x 220-240 V~	1,2	0,8	1,1	5,3	25	450		58	55,3	52,8	50,1	47,1	42,7	35,8	28	19		
EUROINOX 30/80 M-P	102972340	1 x 220-240 V~	1,2	0,75	1	5,3	25	450		47		46,5	45	43,5	41	38	34,5	31	23	12
EUROINOX 40/80 M-P	102972360	1 x 220-240 V~	1,48	1	1,36	6,3	25	450		59		57	56	54	51	47	43,5	39	29,5	16,5

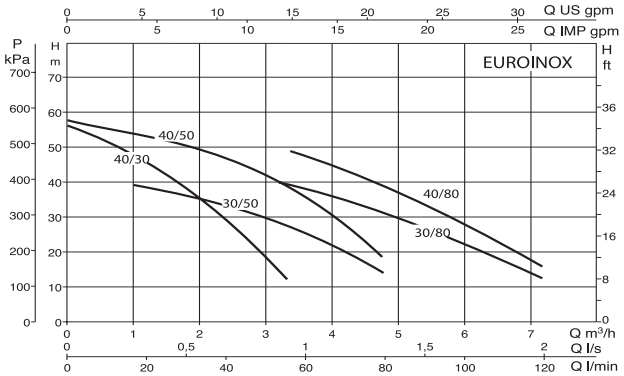
JET



JETINOX



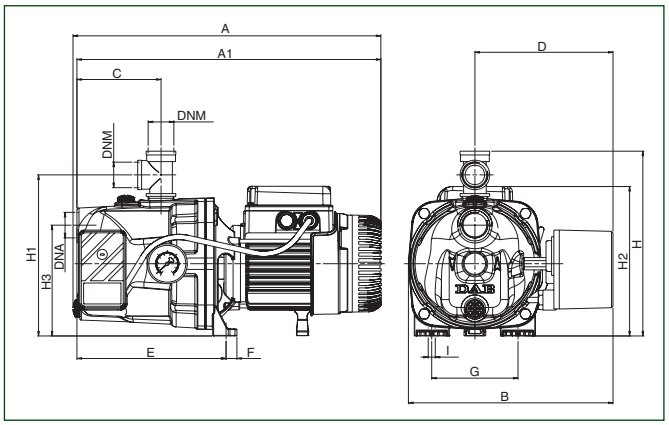
EUROINOX



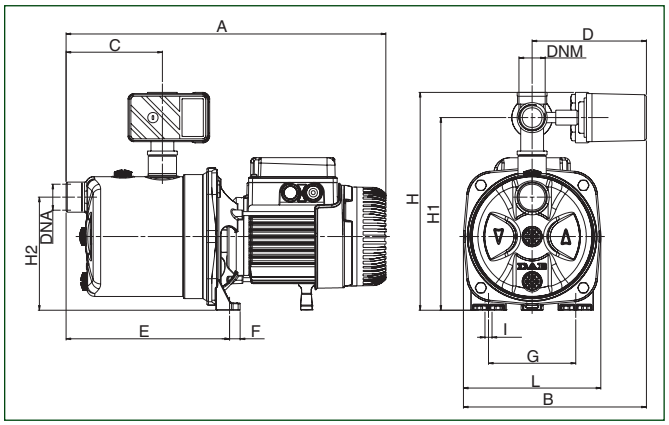
DAB PUMPS reserves the right to make modifications without notice

DIMENSIONS AND WEIGHTS

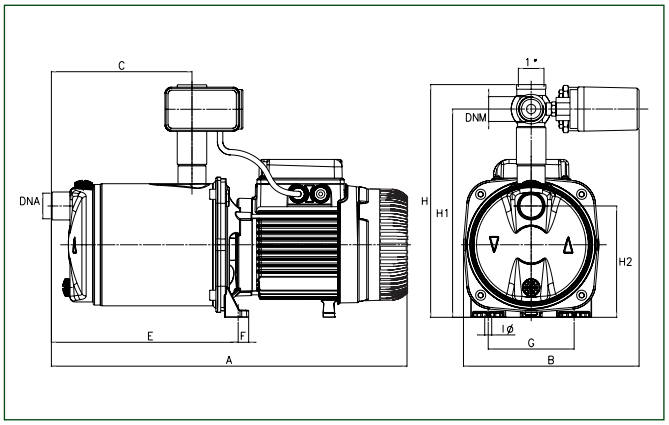
JET



JETINOX



EUROINOX



MODEL	A	A1	B	C	D	E	F	G	IØ	H	H1	H2	H3	I	DNA GAS	DNM GAS	PACKAGING DIMENSIONS			WEIGHT Kg	Q.TY x PALLET
																	L/A	L/B	H		
JET 62 M-P	395	390	263	108	177	192	14	111	–	239	209	193	144	9	1"	1"	440	295	235	11,9	24
JET 82 M-P	395	390	263	108	177	192	14	111	–	239	209	193	144	9	1"	1"	440	295	235	12,1	24
JET 102 M-P	414	390	263	108	177	192	14	111	–	239	209	203	144	9	1"	1"	440	295	235	13,9	24
JET 112 M-P	414	390	263	108	177	192	14	111	–	239	209	203	144	9	1"	1"	440	295	235	14,9	24
JET 132 M-P	414	390	263	108	177	192	14	111	–	239	209	203	144	9	1"	1"	440	295	235	14,9	24
JET 200 M-P	521	–	294	151	–	282	20	160	11	275	175	–	–	11	1"½	1"¼	600	236	267	27,5	9
JET 200 T-P	521	–	294	151	–	282	20	160	11	275	175	–	–	11	1"½	1"¼	600	236	267	28	9
JET 300 M-P	595	–	294	151	–	282	20	160	11	275	175	–	–	11	1"½	1"¼	660	236	267	31,5	9
JET 300 T-P	521	–	294	151	–	282	20	160	11	275	175	–	–	11	1"½	1"¼	600	236	267	30	9
JET 151 M-P	558	–	290	220	–	367	15	145	11	305	165	–	–	11	1"¼	1"	600	236	267	31,5	18
JET 151 T-P	558	–	290	220	–	367	15	145	11	305	165	–	–	11	1"¼	1"	600	236	267	33	18
JET 251 M-P	632	–	290	220	–	367	15	145	11	305	165	–	–	11	1"¼	1"	645	236	267	36	15
JET 251 T-P	558	–	290	220	–	367	15	145	11	305	165	–	–	11	1"¼	1"	600	236	267	34	15
JETINOX 82 M-P	406	–	232	122	145	207	14	111	9	276	244	144	–	–	1"	1"				13,6	18
JETINOX 102 M-P	424	–	232	122	145	207	14	111	9	276	244	144	–	–	1"	1"				14,8	18
JETINOX 112 M-P	424	–	232	122	145	207	14	111	9	276	244	144	–	–	1"	1"				15,8	18
JETINOX 132 M-P	424	–	232	122	145	207	14	111	9	276	244	144	–	–	1"	1"				15,8	18
EUROINOX 40/30 M-P	439	–	226	108	–	241	13,5	111	9	300	268	143	–	–	1"	1"				15,5	12
EUROINOX 30/50 M-P	384	–	226	108	–	186	13,5	111	9	300	268	143	–	–	1"	1"				11,4	12
EUROINOX 40/50 M-P	458	–	226	108	–	241	13,5	111	9	300	268	143	–	–	1"	1"				14,5	12
EUROINOX 30/80 M-P	458	–	226	108	–	241	13,5	111	9	300	268	143	–	–	1"	1"				14,5	12
EUROINOX 40/80 M-P	458	–	226	108	–	241	13,5	111	9	300	268	143	–	–	1"	1"				17,5	12

AQUAJET - AQUAJETINOX

SELF-PRIMING AUTOMATIC BOOSTER



CE

DOMESTIC WATER SUPPLY

Automatic water lifting units, suitable for domestic use, small installations for civil, agricultural, industrial use, washing and hobby applications.
The unit is equipped with a JET or JETINOX type self-priming electropump, vessel, pressure switch for automatic operation, pressure gauge, fitting kit between pump and motor, all pre-assembled.
Tank: horizontal, 20 litres capacity type, inner single diaphragm high-grade butyl membrane and virgin polypropylene liner, complete with stands at the bottom and brackets for fixing the pump to the top.

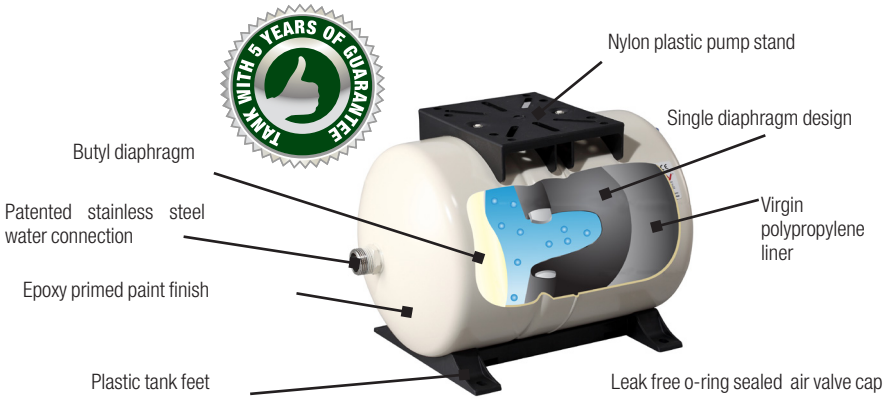
Operating range: up to 5.4 m³/h with head up to 61 metres
Liquid temperature range:
from 0°C to +35°C for domestic use
from 0°C to +40°C for other use
Pumped liquid characteristics: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral.
Maximum ambient temperature: +40°C
Maximum working pressure: 8 bar (800 kPa)
Protection level: IP 44 (IP 55 terminal board protection).
Insulation class: F

ACCESSORIES
PAG. 285

TECHNICAL DATA - AQUAJET

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA									
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8
				kW	HP		µF	Vc	Q=l/min	0	10	20	30	40	50	60	70	80
AQUAJET 82 M - G	60121345	1x220-240 V ~	0,85	0,6	0,8	3,8	12,5	450	H (m)	47	40	34	30	26,2	23,5	20,3		
AQUAJET 102 M - G	60121344	1x220-240 V ~	1,13	0,75	1	5,1	16	450		53,8	47	41	36,3	32,4	28,8	25,8		
AQUAJET 112 M - G	60141881	1x220-240 V ~	1,4	1	1,36	6,2	25	450		61	54	47,8	42,8	38,8	34,8	22		
AQUAJET 92 M - G	60141882	1x220-240 V ~	0,94	0,75	1	4,2	14	450		36,2	33,5	31	28,4	26	24	21,8	19,6	17,5
AQUAJET 132 M - G	60141883	1x220-240 V ~	1,43	1	1,36	4,7-2,7	25	450		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2





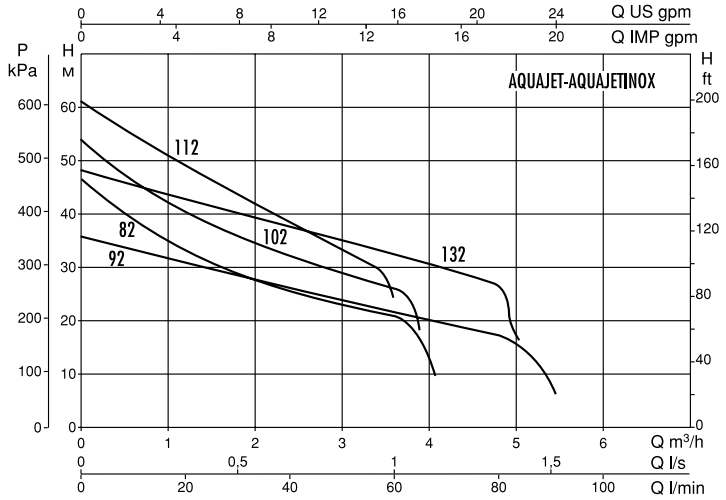
TECHNICAL DATA - AQUAJETINOX

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA									
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8
				kW	HP		µF	Vc	Q=l/min	0	10	20	30	40	50	60	70	80
AQUAJET-INOX 82 M - G	60141884	1x220-240 V ~	0,85	0,6	0,8	3,8	12,5	450	H (m)	47	40	34	30	26,2	23,5	20,3		
AQUAJET-INOX 102 M - G	60141885	1x220-240 V ~	1,13	0,75	1	5,1	16	450		53,8	47	41	36,3	32,4	28,8	25,8		
AQUAJET-INOX 112 M - G	60141886	1x220-240 V ~	1,4	1	1,36	6,2	25	450		61	54	47,8	42,8	38,8	34,8	20		
AQUAJET-INOX 92 M - G	60141887	1x220-240 V ~	0,94	0,75	1	4,2	14	450		36,2	33,5	31	28,4	26	24	21,8	19,6	17,5
AQUAJET-INOX 132 M - G	60141888	1x220-240 V ~	1,43	1	1,36	4,7-2,7	25	450		4,3	45,6	42,8	40	37,6	35	32,5	30	27,2

DAB PUMPS reserves the right to make modifications without notice

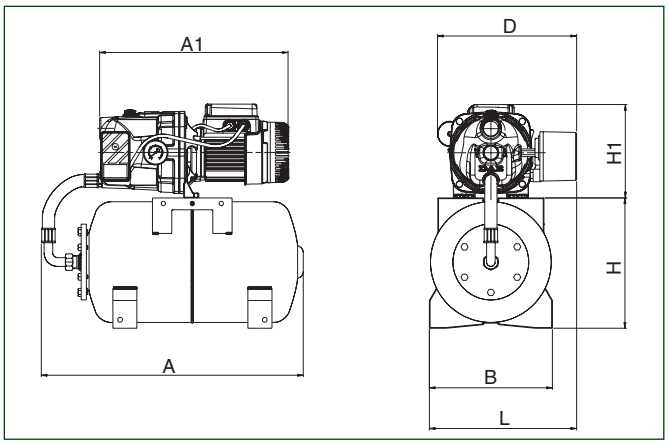
AQUAJET - AQUAJETINOX
SELF-PRIMING AUTOMATIC BOOSTER

AQUAJET - AQUAJETINOX

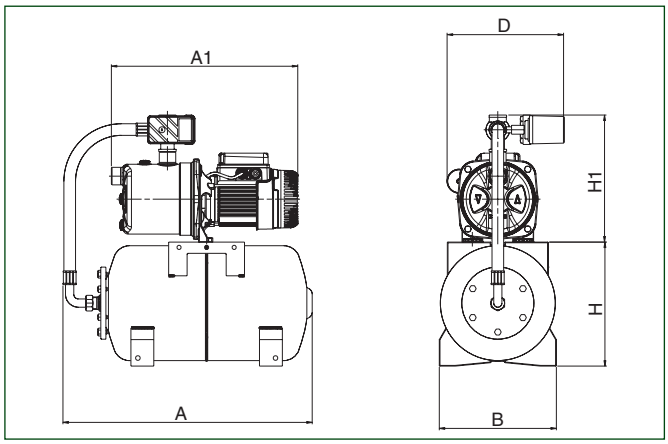


DIMENSIONS AND WEIGHTS

AQUAJET



AQUAJET-INOX



MODEL	A	A1	B	D	H	H1	L	PACKAGING DIMENSIONS			DNA GAS	DNM GAS	WEIGHT KG	Q.TY x PALLET
								L/A	L/B	H				
AQUAJET 82 M - G	482	390	289	288	289	239	320	566	360	510	1"	1"	18,2	12
AQUAJET 102 M - G	482	409	289	293	289	239	320	566	360	510	1"	1"	20,0	12
AQUAJET 112 M - G	482	409	289	293	289	239	320	566	360	510	1"	1"	21,0	12
AQUAJET 92 M - G	482	390	289	288	289	239	320	566	360	510	1"	1"	19,2	12
AQUAJET 132 M - G	482	409	289	293	289	239	320	566	360	510	1"	1"	21,0	12
AQUAJET-INOX 82 M - G	482	406	289	-	289	276	-	566	360	590	1"	1"	15,3	12
AQUAJET-INOX 102 M - G	482	424	289	260	289	276	-	566	360	590	1"	1"	17,1	12
AQUAJET-INOX 112 M - G	482	424	289	260	289	276	-	566	360	590	1"	1"	18,1	12
AQUAJET-INOX 92 M - G	482	406	289	-	289	276	-	566	360	590	1"	1"	15,3	12
AQUAJET-INOX 132 M - G	482	424	289	260	289	276	-	566	360	590	1"	1"	18,1	12

ACTIVE SYSTEM

ON/OFF AUTOMATIC ELECTRONIC BOOSTER SYSTEMS



ACTIVE J

ACTIVE EI

CE

DOMESTIC WATER SUPPLY

Automatic lifting units, particulary suitable for domestic use, small systems for civil, agricultural and industrial use, washing systems and hobby applications.
They are characterised by the use of:
- self-priming motor-driven pumps JET, JETINOX, JET-COM, EUROINOX that can even work when there are bubbles of air or gas. They are essential for drawing from artesian wells or wherever suction difficulties arise.
The EURO - EUROCOM multistage centrifugal pumps are particularly appropriate for low-noise underwater operation.
The **ACTIVE** system helps increase pressure in systems where it is insufficient or irregular.

The **ACTIVE** system is a built-in, easy-to-install, and ready-to-use device which:
- controls it
- commands it automatically
- controls its operation
- limits starts
- guarantees pressure stability inside the hydraulic circuit.
- electronically controls starting pressure

TECHNICAL DATA

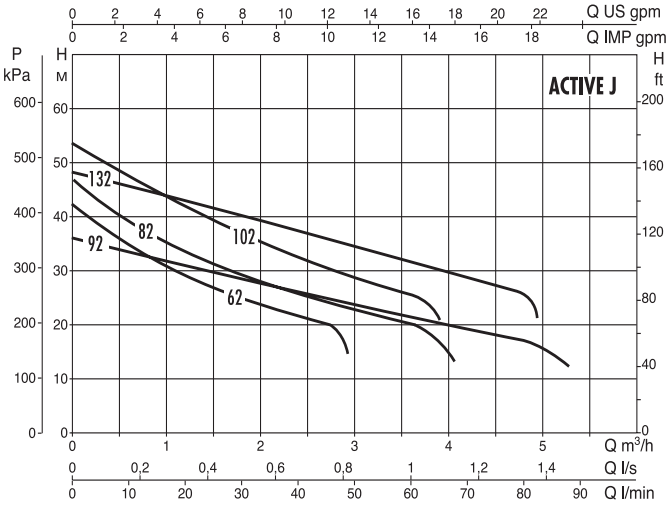
MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA											
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8	6	7,2
				kW	HP		µF	Vc	Q=l/min	0	10	20	30	40	50	60	70	80	100	120
ACTIVE J 62 M	102690000	1x220-240V ~	0,72	0,44	0,6	3,12	12,5	450		42,7	35	29,2	25,6	22,9	13					
ACTIVE J 82 M	102690010	1x220-240V ~	0,85	0,6	0,8	3,8	12,5	450		47	40	34	30	26,2	23,5	20,3				
ACTIVE J 102 M	102690020	1x220-240V ~	1,13	0,75	1	5,1	16	450		53,8	47	41	36,3	32,4	28,8	25,8				
ACTIVE J 112 M	102690030	1x220-240V ~	1,4	1	1,36	6	25	450		61	54	47,8	42,8	38,8	34,8	20				
ACTIVE J 92 M	102690040	1x220-240V ~	0,94	0,75	1	4,2	14	450		36,2	33,5	31	28,4	26	24	21,8	19,6	17,5		
ACTIVE J 132 M	102690050	1x220-240V ~	1,49	1	1,36	6,6	25	450		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2		
ACTIVE JI 82 M	102690210	1x220-240V ~	0,85	0,6	0,8	3,8	12,5	450		47	40	34	30	26,2	23,5	20,3				
ACTIVE JI 102 M	102690220	1x220-240V ~	1,13	0,75	1	5,1	16	450		53,8	47	41	36,3	32,4	28,8	25,8				
ACTIVE JI 112 M	102690230	1x220-240V ~	1,4	1	1,36	6	25	450		61	54	47,8	42,8	38,8	34,8	20				
ACTIVE JI 92 M	102690240	1x220-240V ~	0,94	0,75	1	4,2	14	450		36,2	33,5	31	28,4	26	24	21,8	19,6	17,5		
ACTIVE JI 132 M	102690250	1x220-240V ~	1,49	1	1,36	6,6	25	450		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2		
ACTIVE JC 102 M	102690420	1x220-240V ~	1,13	0,75	1	5,1	16	450	H (m)	53,8	47	41	36,3	32,4	28,8	25,8				
ACTIVE JC 132 M	102690450	1x220-240V ~	1,49	1	1,36	6,6	25	450		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2		
ACTIVE E 30/50 M	102690630	1x220-240V ~	0,88	0,55	0,75	3,9	12,5	450		42,2	40,2	38,2	36,2	33,8	30	24,8	19,5	14		
ACTIVE EI 25/30 M	102690800	1x220-240V ~	0,52	0,37	0,5	2,4	10	450		34,4	31,7	28,3	23,5	17,5	11					
ACTIVE EI 30/30 M	102690810	1x220-240V ~	0,72	0,45	0,6	3,2	12,5	450		46	42,2	37,8	31,2	23,3	14,3					
ACTIVE EI 40/30 M	102690820	1x220-240V ~	0,88	0,55	0,75	3,9	12,5	450		57	52,7	47	38,8	29	17,7					
ACTIVE EI 30/50 M	102690830	1x220-240V ~	0,88	0,55	0,75	3,9	12,5	450		42,2	40,2	38,2	36,2	33,8	30	24,8	19,5	14		
ACTIVE EI 40/50 M	102690840	1x220-240V ~	1,20	0,8	1,1	5,3	25	450		57,7	55,3	52,8	50,1	47,1	42,7	35,8	28	19,2		
ACTIVE EI 50/50 M	102690850	1x220-240V ~	1,48	1	1,36	6	25	450		72	68,5	65,5	62,1	58,2	52,2	48	43,6	34,5	26	
ACTIVE EI 25/80 M	102690860	1x220-240V ~	0,88	0,55	0,75	3,9	12,5	450		34		33	32	30,5	28,5	26	23,5	21	14,5	6,5
ACTIVE EI 30/80 M	102690870	1x220-240V ~	1,20	0,8	1,1	5,3	25	450		47		46,5	45	43,5	41	38	34,5	31	23	12
ACTIVE EI 40/80 M	102690880	1x220-240V ~	1,48	1	1,36	6	25	450		59	58	57	56	54	51	47,5	43,8	39,5	29,5	16

DAB PUMPS reserves the right to make modifications without notice

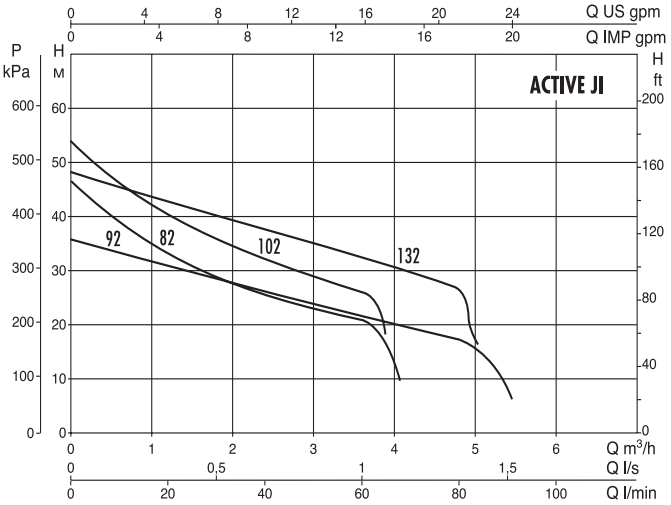
ACTIVE SYSTEM

ON/OFF AUTOMATIC ELECTRONIC BOOSTER SYSTEMS

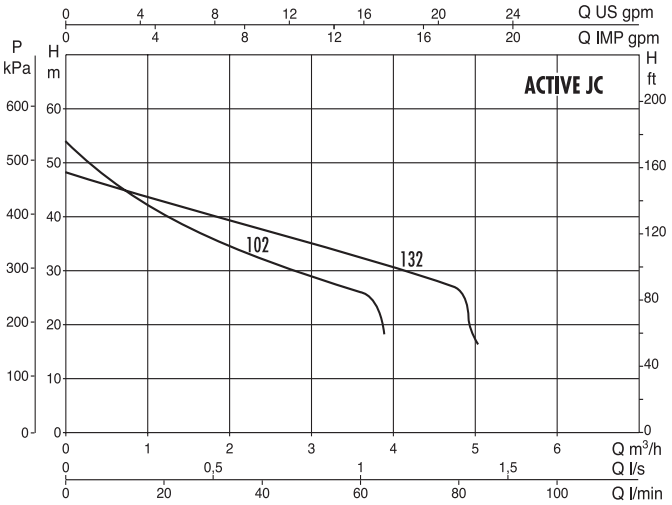
ACTIVE J



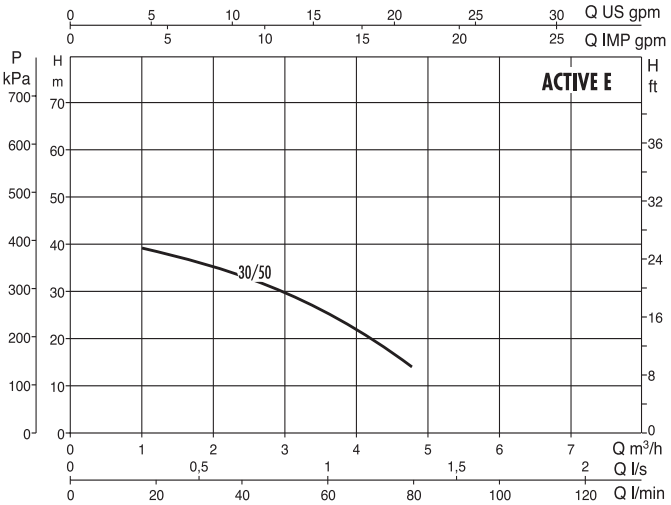
ACTIVE JI



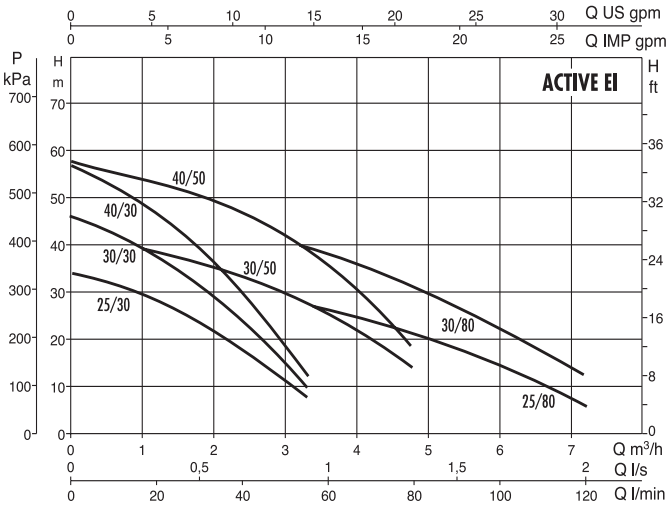
ACTIVE JC



ACTIVE E

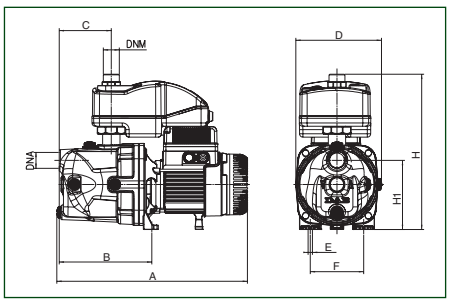


ACTIVE EI

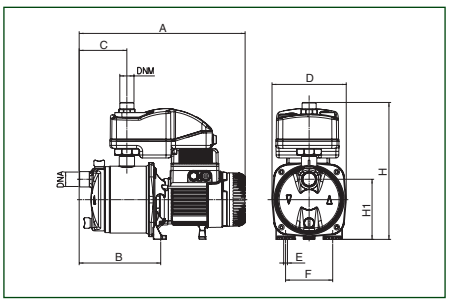


DIMENSIONS AND WEIGHTS

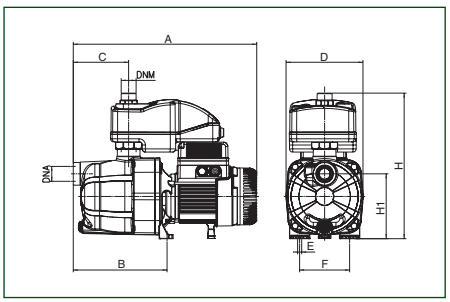
ACTIVE J



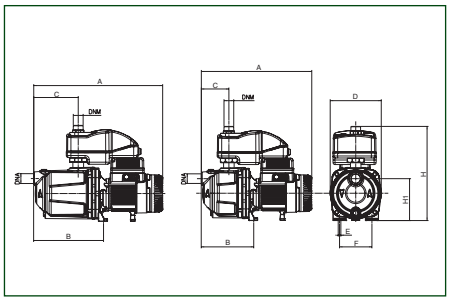
ACTIVE JI



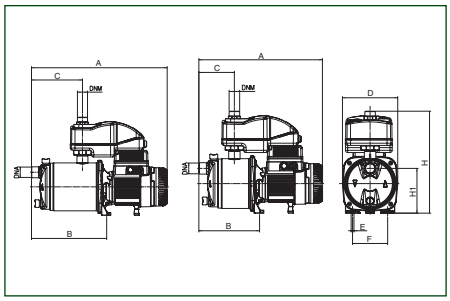
ACTIVE JC



ACTIVE E



ACTIVE EI



MODEL	A	B	C	D	E	F	H	H1	DNA GAS	DNM GAS	PACKAGING DIMENSIONS			WEIGHT Kg	Q.TY x PALLET
											L/A	L/B	H		
ACTIVE J 62 M	395	192	108	178	9	111	322	144	1"	1"	476	234	348	10,50	14
ACTIVE J 82 M	395	192	108	178	9	111	322	144	1"	1"	476	234	348	13,20	14
ACTIVE J 102 M	395	192	108	178	9	111	322	144	1"	1"	476	234	348	12,50	14
ACTIVE J 112 M	395	192	108	178	9	111	322	144	1"	1"	476	234	348	15,70	14
ACTIVE J 92 M	395	192	108	178	9	111	322	144	1"	1"	476	234	348	11,70	14
ACTIVE J 132 M	395	192	108	178	9	111	322	144	1"	1"	476	234	348	13,50	14
ACTIVE JI 82 M	390	192	112	174	9	111	322	141	1"	1"	476	234	348	10,70	14
ACTIVE JI 102 M	390	192	112	174	9	111	322	141	1"	1"	476	234	348	12,50	14
ACTIVE JI 112 M	390	192	112	174	9	111	322	141	1"	1"	476	234	348	13,70	14
ACTIVE JI 92 M	390	192	112	174	9	111	322	141	1"	1"	476	234	348	11,70	14
ACTIVE JI 132 M	390	192	112	174	9	111	322	141	1"	1"	476	234	348	13,50	14
ACTIVE JC 102 M	406	208	122	170	9	111	322	144	1"	1"	476	234	348	12,50	14
ACTIVE JC 132 M	406	208	122	170	9	111	322	144	1"	1"	476	234	348	13,50	14
ACTIVE E 30/50 M	377	180	94	175	9	111	322	144	1"	1"	476	234	348	11,70	14
ACTIVE EI 25/30 M	390	192	112	174	9	111	322	141	1"	1"	476	234	348	10,90	14
ACTIVE EI 30/30 M	445	247	167	174	9	111	322	141	1"	1"	476	234	348	13,50	14
ACTIVE EI 40/30 M	445	247	167	174	9	111	322	141	1"	1"	476	234	348	14,00	14
ACTIVE EI 30/50 M	390	192	112	174	9	111	322	141	1"	1"	476	234	348	10,00	14
ACTIVE EI 40/50 M	445	247	167	174	9	111	322	141	1"	1"	476	234	348	15,50	14
ACTIVE EI 50/50 M	445	247	167	174	9	111	322	141	1"	1"	476	234	348	15,20	14
ACTIVE EI 25/80 M	390	192	112	174	9	111	322	141	1"	1"	476	234	348	9,50	14
ACTIVE EI 30/80 M	445	247	167	174	9	111	322	141	1"	1"	476	234	348	15,50	14
ACTIVE EI 40/80 M	445	247	167	174	9	111	322	141	1"	1"	476	234	348	15,00	14

ACCESSORIES INCLUDED

MODEL	CODE	Q.TY X BOX
ACTIVE FLEXIBLE PIPE FOR HYDRAULIC CONNECTION	147120790	1



ACTIVE FLEXIBLE PIPE

BOOSTER SILENT

ON/OFF AUTOMATIC ELECTRONIC BOOSTER SYSTEMS

TANK WITH 5 YEARS OF GUARANTEE

CE

DOMESTIC WATER SUPPLY



The world's quietest (67 dB) multi-impeller (3-4-5) self-priming pumps, with integral electronics for water supplies in homes and gardens.
Equipped with an electronic safety device to prevent dry running. Integral check valve on suction.

Automatic Starting and Stopping when tap is turned on or turned off.
Manual and automatic reset
Supplied complete with power cable and plug.
Supplied with 2 l tank.

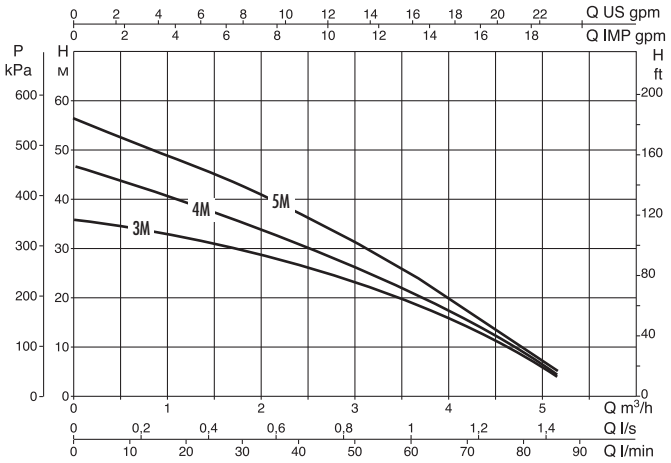
ONLY 67 dB

ACCESSORIES
PAG. 285

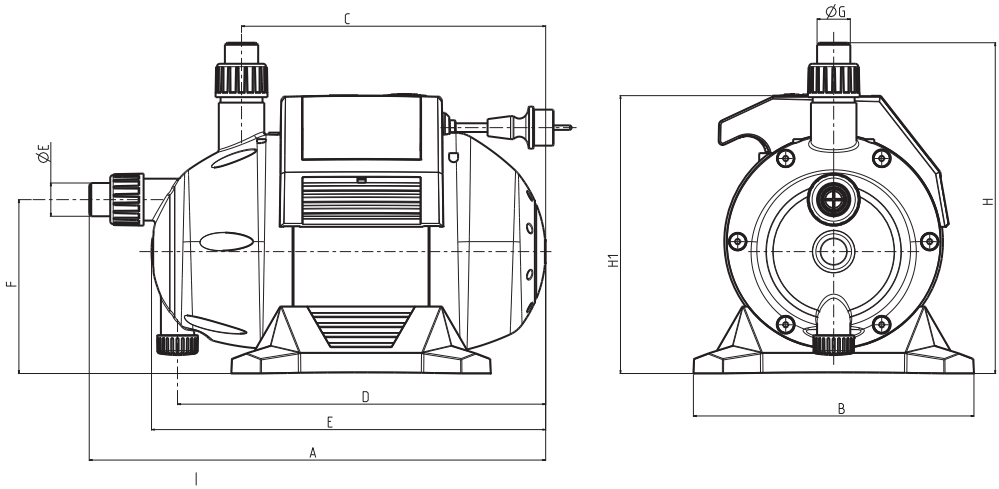
TECHNICAL DATA

MODEL	CODE	N° IMPELLERS	ELECTRICAL DATA					HYDRAULIC DATA									
			VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8
					kW	HP		Q=l/min	0	10	20	30	40	50	60	70	80
BOOSTER SILENT 3 M	60122696	3	1 x 230 V ~	0,8	0,55	0,75	3,7	H (m)	37	34	32	31	27	23	19	15	8
BOOSTERSILENT 3 M 1,5 BAR	60141493	3	1 x 230 V ~	0.8	0,55	0,5	3,7		37	34	32	31	27	23	19	15	8
BOOSTER SILENT 4 M	60122698	4	1 x 230 V ~	1	0,75	1	4,7		47	43	40	35	31	27	22	17	9
BOOSTER SILENT 5 M	60122699	5	1 x 230 V ~	1,25	1	1,36	5,7		57	52	48	43	38	31	25	18	10

BOOSTER SILENT



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E	F	ØG	H	H1	DNA GAS	DNM GAS	PACKAGING DIMENSIONS			WEIGHT Kg	Q.TY x PALLET
												L/A	L/B	H		
BOOSTER SILENT 3 M	455	280	305	370	395	175	33	330	280	1"	1"	480	300	470	11,5	18
BOOSTER SILENT 3 M 5 bar	455	280	305	370	395	175	33	330	280	1"	1"	480	300	470	11,5	18
BOOSTER SILENT 4 M	455	280	305	370	395	175	33	330	280	1"	1"	480	300	470	11,5	18
BOOSTER SILENT 5 M	455	280	305	370	395	175	33	330	280	1"	1"	480	300	470	11,5	18

ACCESSORIES INCLUDED

RIF.	DESCRIPTION
A	**3-WAY FITTING**
B	**STRAIGHT FITTING**
C	**2 LT TANK:** • diaphragm high-grade butyl membrane • Patented stainless steel water connection • Epoxy primed paint finish • Single diaphragm design • Virgin polypropylene liner • Leak free o-ring sealed air valve cap

JET - EURO WITH ACTIVE DRIVER

AUTOMATIC BOOSTER SYSTEM WITH INVERTER



CE

DOMESTIC WATER SUPPLY

Automatic water lifting units, particularly suitable for domestic use, small installations for civil, agricultural, industrial use, washing and hobby applications.
The units are characterised by the use of JET, JETINOX, JETCOM and EUROINOX self-priming pumps **coupled directly to the device Active Driver**.
Active Driver is an innovative integrated variable speed control system capable of maintaining constant pressure in relation to flow rate variations. The operating pressure can be adjusted and the various settings and related error warnings can be viewed, thanks to a simple and immediate user interface.
Active Driver is made up of: an inverter, a pressure sensor and a flow sensor.

Liquid temperature range:
from 0°C to 35°C (for domestic use)
from 0°C to +40°C (for other uses)
Pumped liquid:
clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral and close to the characteristics of water.

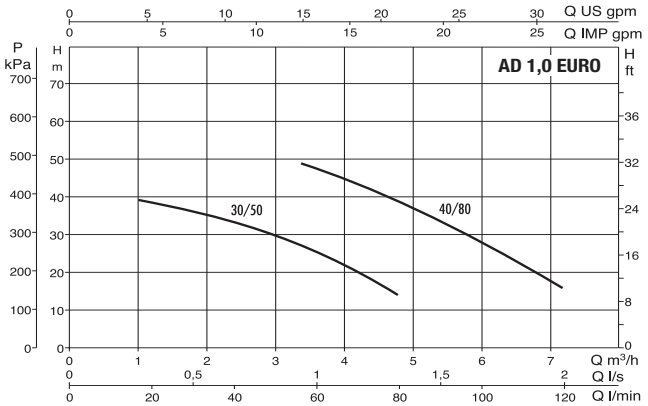
Supplied as standard with 2L expansion vessel plus coupling.

ACTIVE DRIVER
PAG. 15

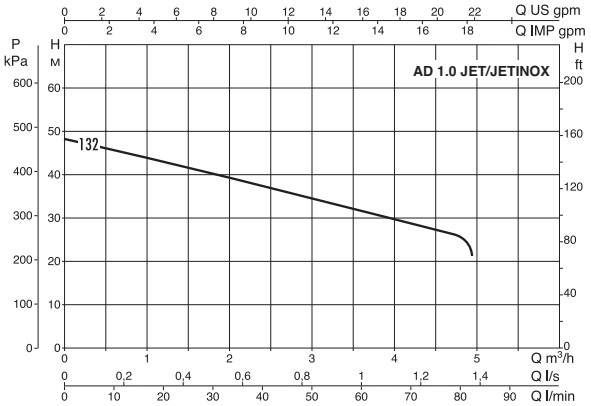
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA											
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8	6	7,2
				kW	HP		µF	Vc	Q=l/min	0	10	20	30	40	50	60	70	80	100	120
AD M/M JET 132 M	60116735	1x220-240 V ~	1,49	1	1,36	6,6	25	450	H (m)	48,3	45,6	42,8	40	37,6	35	32,5	30	27,2		
AD M/M JETINOX 132 M	60122714	1x220-240 V ~	1,49	1	1,36	6,6	25	450		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2		
AD M/M EUROINOX 30/50 M	60122718	1x220-240 V ~	0,880	0,55	0,75	3,9	12,5	450		42	40,2	38,2	36,2	33,8	30	24,8	19,5	14		
AD M/M EUROINOX 40/80 M	60116734	1x220-240 V ~	1,200	0,8	1,1	5,3	25	450		59		57	56	54	51	47	43,5	39	29,5	16,5

AD 1.0 EURO - AD 1.0 EUROINOX

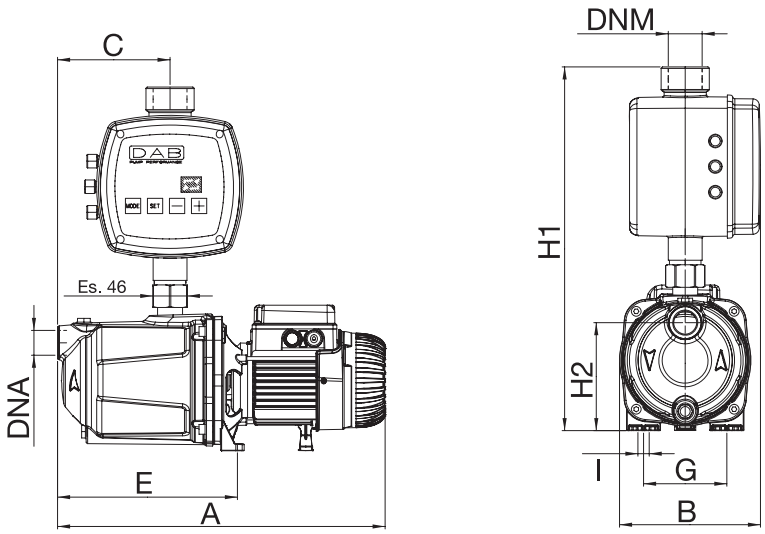


AD 1.0 JET/JETINOX



DIMENSIONS AND WEIGHTS

AD 1.0 JET - AD 1.0 EURO



MODEL	A	B	C	E	G	I	H1	H2	DNA GAS	DNM	WEIGHT Kg	Q.TY x PALLET
AD1.0 M/M JET 132M	414	185	108	192	111	9	485	144	1"	1"½	18,8	12
AD1.0 M/M JETINOX 132M	424	187	122	207	111	9	502	144	1"	1"½	16,2	12
AD1.0 M/M EURO 30/50M	378	187	95	235	111	9	485	144	1"	1"½	16,8	12
AD1.0 M/M EURO 40/80M	452	187	150	235	111	9	485	144	1"	1"½	21,6	12

ACCESSORIES
PAG. 285

ACCESSORIES INCLUDED

RIF.	DESCRIPTION	
A	**2 LT TANK**	
	• Diaphragm high-grade butyl membrane • Patented stainless steel water connection • Epoxy primed paint finish	• Single diaphragm design • Virgin polypropylene liner • Leak free o-ring sealed air valve cap
B	**BRASS REDUCTION**	
C	**BRASS 3-WAY FITTING**	

DAB PUMPS reserves the right to make modifications without notice

E.SYBOX

ELECTRONIC PRESSURIZATION SYSTEM

e.sybox NEW

CE

DOMESTIC WATER SUPPLY



product design award 2013

E.SYBOX is DAB's new integrated system for pressurization in domestic and residential areas.
E.SYBOX does not require any additional components for installation. It consists of a self-priming multistage pump, electronic inverter management, flow and pressure sensors, high-resolution swivel LCD display and an integrated 2 liter expansion tank. It can be installed both vertically and horizontally and even in tight spaces without a high air exchange.
The water-cooled engine, the hull protection in ABS with sound-absorbing function, the vibration damping feet and electronics make it an absolutely quiet (45 dB) and compact.

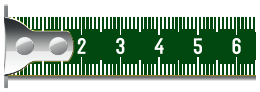
The wireless device facilitates the creation of pressurization units and connectivity with other DAB devices.
Degree of protection: IP X 4
Insulation class: F
Pumped liquid: clean, free from solids or abrasive, non-aggressive, non-viscous, crystallized and not chemically neutral.
Maximum liquid temperature: 40° C
Maximum ambient temperature: 50° C
Maximum suction depth: self priming up to 8 metres.
Maximum working pressure: 8 bar (800 kPa).



45 dB

3 Bar
12 l/min

263L x 352P x 564H*



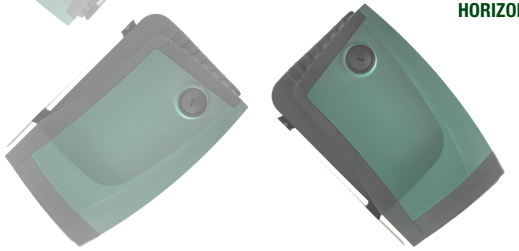
*Vertical e.sybox

VERTICAL INSTALLATION





HORIZONTAL INSTALLATION



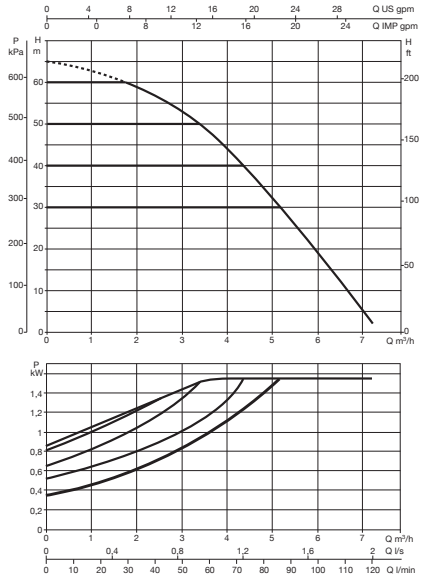
discover e.sybox
www.dabpumps.com/e.sybox

TECHNICAL DATA

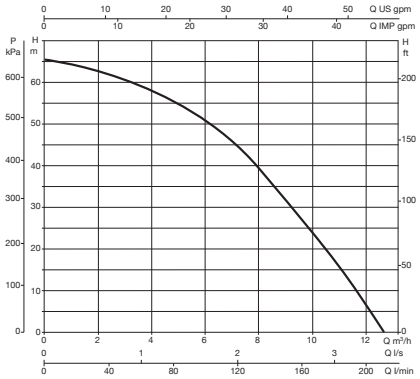
MODEL	CODE
E.SYBOX	60147200

ELECTRICAL DATA				HYDRAULIC DATA													
VOLTAGE 50 - 60 Hz	P1 MAX		I MAX A	Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8	5,4	6	6,6	7,2
	kW	HP		Q=l/min	0	10	20	30	40	50	60	70	80	90	100	110	120
1x220-240 V ~	1,55	2,1	10	H (m)	65	63,5	61,5	59,5	57	53	48	41,5	35	27,5	19	10	2

E.SYBOX

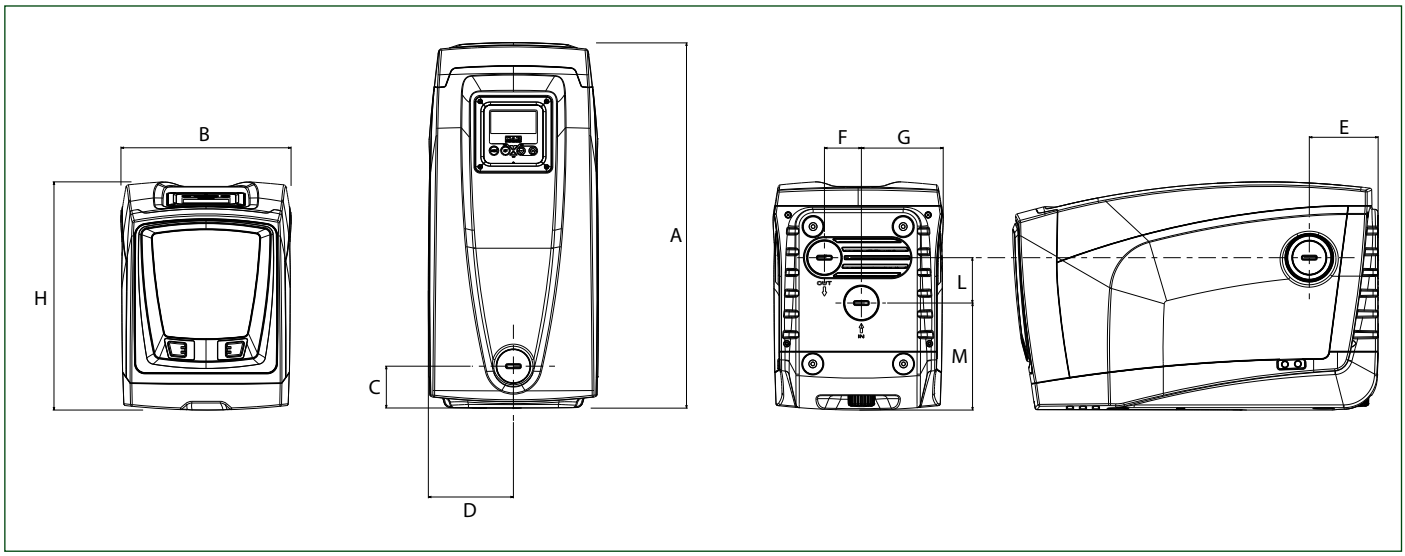


E.SYBOX TWIN *



* The performance refers to 2 e.sybox assembled on e.sytwin. Pressure loss are included.

DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E	F	G	H	L	M	DNA	DNM	PACKAGING DIMENSIONS			WEIGHT KG	Q.TY x PALLET
													L/A	L/B	H		
E.SYBOX - SCHUKO - GAS	564	263	65	131,5	106	57	126,2	362	70	165,2	1 "	1 "	685	360	490	27	6
E.SYBOX - NPT SPINA US	564	263	65	131,5	106	57	126,2	362	70	165,2	1 "	1 "	685	360	490	27	6

DAB PUMPS reserves the right to make modifications without notice

E.SYBOX
ELECTRONIC PRESSURIZATION SYSTEM

	MODEL	CODE
 293L x 318P x 180H	**e.sydock** Thanks to the 4 plumbing configuration possibilities offers an 'installation even more rapid, easy and flexible. It is complete with all the interfaces required for connecting to the system. It incorporates anti vibration feet to ensure the same quietness as e.sybox.	60147247
 752L x 358P x 230H	**e.sytwin** e.sytwin is the evolution of e.sydock, of which maintains all the benefits, for the creation of two groups of pumps. e.sytwin offers exceptional performance thanks to possibility of combined operation with a reduced size of 50% compared to any other equivalent traditional system.	60160491
 870L x 595P x 1663H	**e.sytank** Tank specially studied to better integrate with e.sybox and equipped with: • e.sydock (specially versioned) for quick connection. • suction hose with foot valve • filling valve from the water supply with float • Overflow • flow connection • preparation for ground mounting • inspection plug Capacity 500 L with the possibility of expansion on 3 sides.	60161819
	**e.sywall** Kit complete with brackets, screws, dowels and two accessories for absorption of vibrations.	60161442



DELIVERY AND SUCTION FITTING 1" ¼



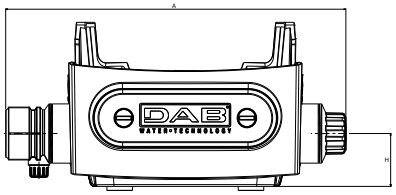
293L x 345P x 679H

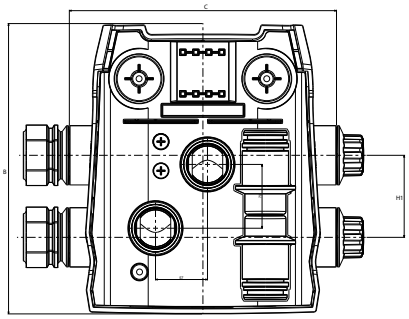


752L x 358P x 730H

ACCESSORIES - DIMENSIONS AND WEIGHTS

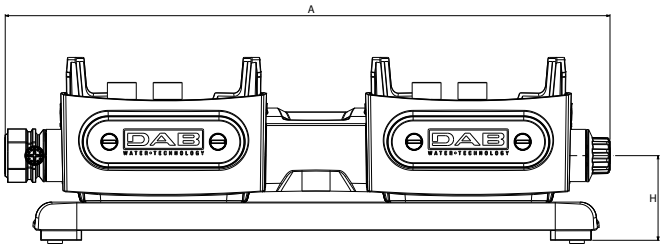
E.SYDOCK

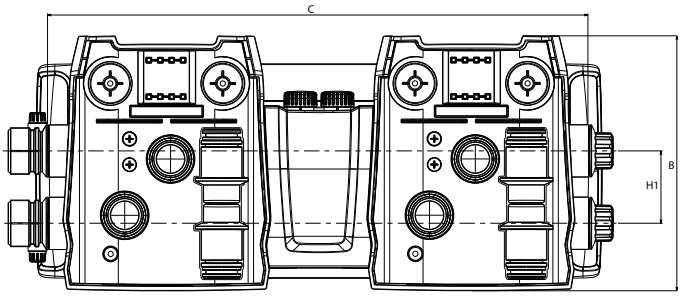




MODEL	A	B	C	H	H1	PACKAGING DIMENSIONS			WEIGHT KG	Q.TY X PALLET
						L/A	L/B	H		
E.SYDOCK	373	318,5	293	58	90	346	295	230	4	32

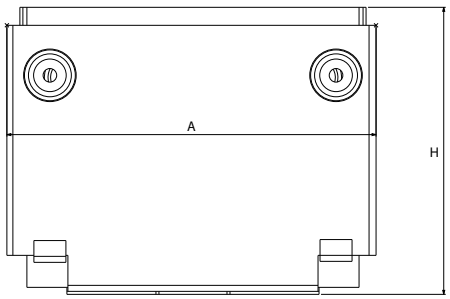
E.SYTWIN



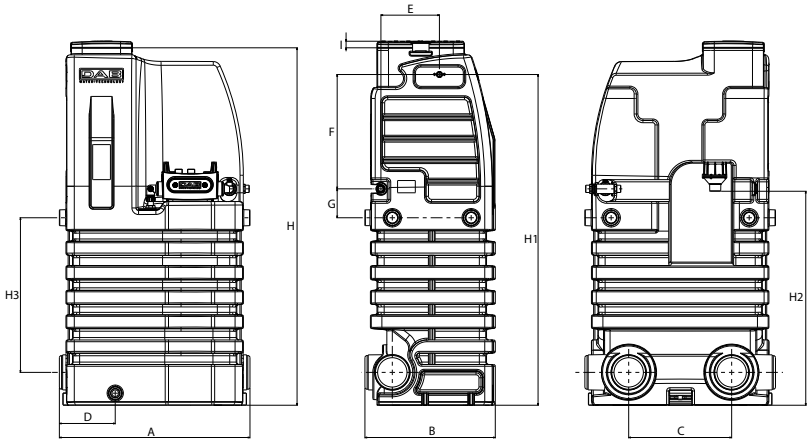


MODEL	A	B	C	H	H1	PACKAGING DIMENSIONS			WEIGHT KG	Q.TY X PALLET
						L/A	L/B	H		
E.SYTWIN - GAS	752	317	672	105,3	90	734	330	260	11,8	12

E.SYWALL



E.SYTANK



MODEL	A	H	PACKAGING DIMENSIONS			WEIGHT KG	Q.TY X PALLET
			L/A	L/B	H		
E.SYWALL	184,5	143,5	350	250	46	1	153

MODEL	A	B	C	D	E	F	G	H	H1	H2	H3	I	Q.TY X PALLET *
E.SYTANK	870	595	470	255	267	522	132	1632	1510	977	706	30	1

* Special pallet 900x600 mm

DAB PUMPS reserves the right to make modifications without notice

NBB

MOUNTING KIT FOR WATER COLLECTION AND PRESSURIZATION

ACTIVE DRIVER
PAG. 15



CE

DOMESTIC WATER SUPPLY

NBB is the solution for a domestic pressurizing system.
The basic concept is is the modularity of its components such as: the NBB TANK KIT, the submerged or the surface pump, the inverter (in case the pump is without integrated electronics) and an assembling kit including the expansion tank (where this is not integrated in the pump itself). In all its different configuration the NBB is characterized by its compact dimension, great comfort and, in the version with inverter, also by an important aspect in terms of energy saving.

NBB TANK KIT consists of:
- 280 Lt. tank suitable for potable water compliant with the european norms EN1717 e EN13077
- Equipped with Filling valve and overflow valve
- Protection grid

Choosing the ADDITIONAL TANK KIT, consisting of a 280 liter tank, the junction elbow plus gasket and a belt, it's possible to double the capacity of the system.
In addition to the NBB it is necessary to chose the assembling kit corresponding to the type of pump (or pump with inverter) to be utilized.
The pump to be installed, as well as the inverter, are not included in the kit and must be order separately.
the installation kit comprehends all the accessories necessary for the installation of the pump (or the inverter) to the NBB TANK KIT
For the PULSAR and EUROINOX installation kits. also a 4 liter expansion tank is included.

MODEL	CODE
KIT NBB WRAS TANK 280 Litre (incl. grid)	60149355
KIT ACTIVE FOR NBB	60116646
KIT EUROINOX FOR NBB	60123882
KIT PULSAR FOR NBB	60116638
KIT DIVERTRON FOR NBB	60123662
KIT ADDITIONAL TANK	60123556

Insatallation kit are designed for exclusive use with pump models specified below.

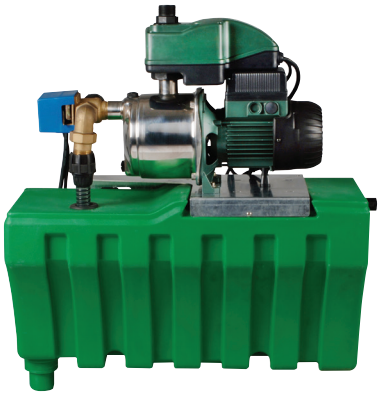
ACCESSORIES
PAG. 285

TABLE OF SELECTION KIT NBB: A + B + C = NBB

A	B			C	
NBB TANK	**PUMP MODEL**		**ACTIVE DRIVER**	**INSTALLATION KIT ***	
 **60149355 - TANK KIT NBB** 280 Litre (including protection grid) **EXPANDABLE WITH:**  60123556 **AUXILIARY TANK KIT**		**EUROINOX M** (ALL MODEL pag.248)	109640610 AD M/M 1.1	60123882 - **EUROINOX INSTALLATION KIT**	- Suction pipe - Fittings - Screws - Bracket for AD - Expansion tank 5 liters - Ball valve
		EUROINOX T (ALL MODEL pag.248)	109640640 AD M/T 1.0		
		**ACTIVE EI M** (ALL MODEL pag.259)		60116646 - **ACTIVE INSTALLATION KIT**	- Suction pipe - Fittings - Screws
		104160070 - **PULSAR 50/50 M-NA**	109640610 AD M/M 1.1	60116638 - **PULSAR INSTALLATION KIT**	- Fittings - Check valve - Fixing bar pump - Bracket for AD - Ball valve - Screws - Expansion tank 5 liters
		104160270 - **PULSAR 40/80 M-NA**			
		104160480 - **PULSAR 50/50 T-NA (3X230V)**	109640640 AD M/T 1.0		
		104160680 - **PULSAR 40/80 T-NA (3X230V)**			
		**60122626 - DIVERTRON 1200 M**		60123662 - **DIVERTRON INSTALLATION KIT**	- Fittings - Fixing bar pump - Ball valve - Screws

* All kits are supplied disassembled, provided with assembly instructions

ACTIVE SWITCH
RAIN WATER SYSTEM



CE

DOMESTIC WATER SUPPLY

Active Switch is a complete and pre-assembled system for using rainwater in one or two-family houses. The system comprises a recyclabe polyethilene tank, an automatic pump Active EI 30/50 M serie and a three-way automatic valve assembled on suction port of the pump. The system has been designed to be wall-mounted. Supplied with wall bracket and float swich, with 20 mt. of cable, as a standard

Working ambient temperature: min +5°C - max +40°C
Max. Flow: 80 l/min
Max. Head: 42,2 m
Liquid temperature range: from +5°C up +35°C
Max. Working pressure of the system: 6 bar (600kPA)
Max. Pressure of main supply line: 4 bar (400kPA)
Max. Height of working uses: 15 meters
Potable water connector: 3/4"
Pump suction and delivery ports: 1"

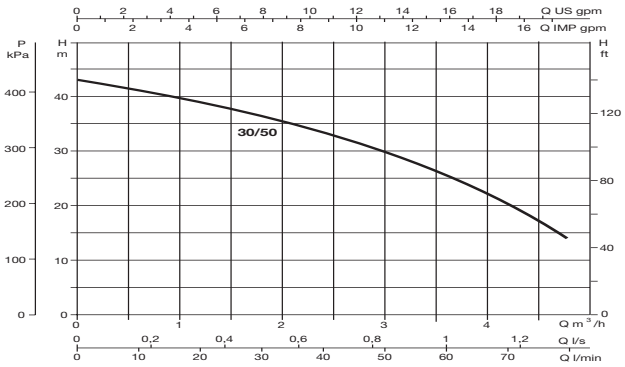
ACCESSORIES
PAG. 285

TECHNICAL DATA

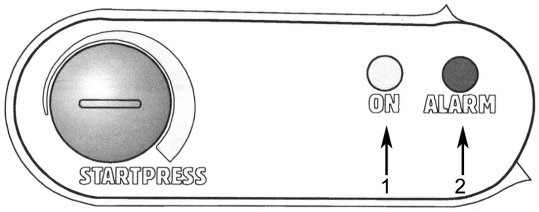
MODEL	CODE
ACTIVE SWITCH 30/50 M	503150100

N° IMPELLERS	ELECTRICAL DATA							HYDRAULIC DATA								
	VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8
			kW	HP		µF	Vc	Q=l/min	0	10	20	30	40	50	60	70	80
4	1x220-240 V ~	0,880	0,55	0,75	3,9	12,5	450	H (m)	42,2	40,2	38,2	36,2	33,8	30	24,8	19,5	14

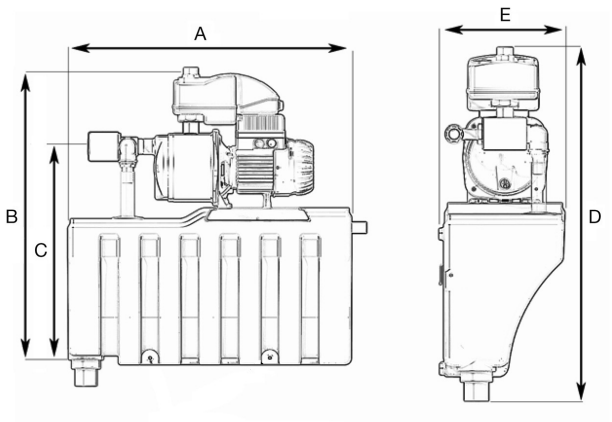
ACTIVE SWITCH

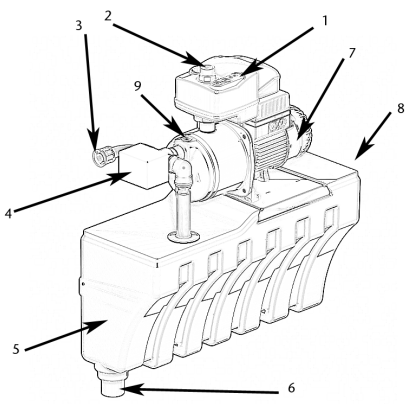


CONTROL PANEL



DIMENSIONS AND WEIGHTS





1. pump control panel
2. pressurised water outlet
3. recovery tank suction
4. 3-way valve
5. mains water collection tank
6. trap overflow
7. pump
8. mains water inlet
9. pump filler plug

MODEL	A	B	C	D	E	DNA GAS	DNM GAS	WEIGHT KG	Q.TY x PALLET
ACTIVE SWITCH 30/50	650	666,5	501,5	731,5	260	1"	1"	18	4

DAB PUMPS reserves the right to make modifications without notice

AQUAPROF
RAIN WATER SYSTEM



CE

DOMESTIC WATER SUPPLY

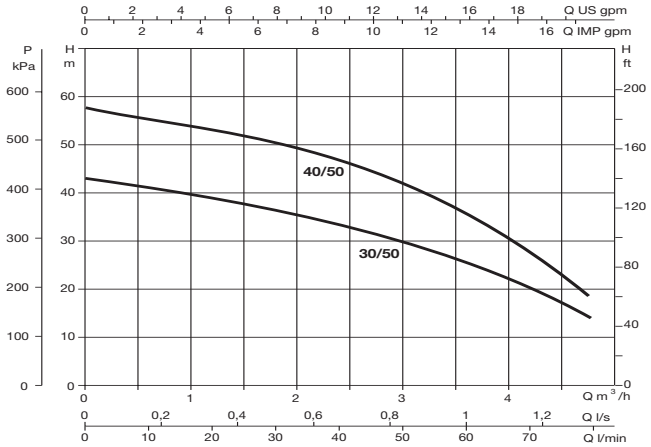
Aquaprof is a complete and pre-assembled system for using rainwater in one or two-family houses. The system comprises a recyclabe polyethilene console, a completely automatic electronic control unit, three-way automatic valve and electropump Eurolnox 30/50 M or Eurolnox 40/50 M series. Supplied with wall bracket as a standard and float switch with 20 mt of cable for Aquaprof Basic version, or probe sensor level with 20 mt. of cable for Aquaprof TOP.

Protection Level: IP 42
Working ambient temperature:
min. +5°C - max. +40°C
Max. Flow: 80 lt/min.
Max. Head: 42,2 m. (Aquaprof 30/50)
57,7 m. (Aquaprof 40/50)
Liquid temperature range: from + 5°C up to +35°C
Max. Working pressure of the system: 6 bar (600kPA)
Max. Pressure of main supply line: 4 bar (400kPA)
Max. Height of working uses: 15 meters
Potable water connector: 3/4"
Pump suction and delivery ports 1"

TECHNICAL DATA

MODEL	CODE	N° IMPELLERS	ELECTRICAL DATA							HYDRAULIC DATA										
			VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,3	3,6	4,2	4,8
					kW	HP		µF	Vc	Q=l/min	0	10	20	30	40	50	55	60	70	80
AQUAPROF BASIC 30/50	503150200	3	1x220-240 V ~	0,88	0,55	0,75	3,9	12,5	450	H (m)	42,2	40,2	38,2	36,2	33,8	30	27,5	24,8	19,5	14
AQUAPROF BASIC 40/50	503150210	4	1x220-240 V ~	1,2	0,75	1	5,3	20	450		57,7	55,3	52,8	50,1	47,1	42,7	39,5	35,8	28	19,2
AQUAPROF TOP 30/50	503150300	3	1x220-240 V ~	0,88	0,55	0,75	3,9	12,5	450		42,2	40,2	38,2	36,2	33,8	30	27,5	24,8	19,5	14
AQUAPROF TOP 40/50	503150310	4	1x220-240 V ~	1,2	0,75	1	5,3	20	450		57,7	55,3	52,8	50,1	47,1	42,7	39,5	35,8	28	19,2

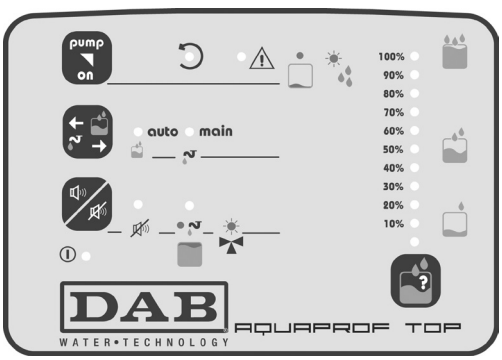
AQUAPROF



CONTROL PANEL

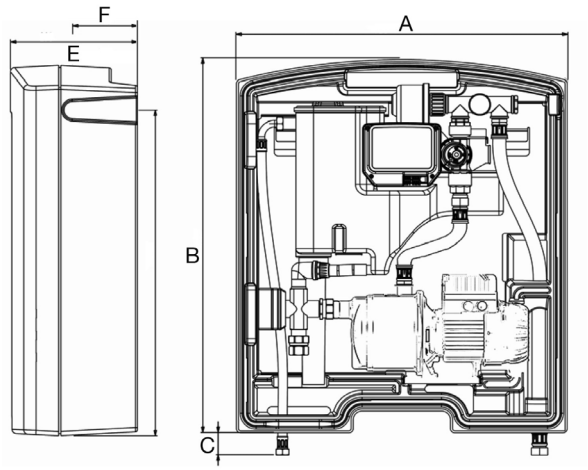


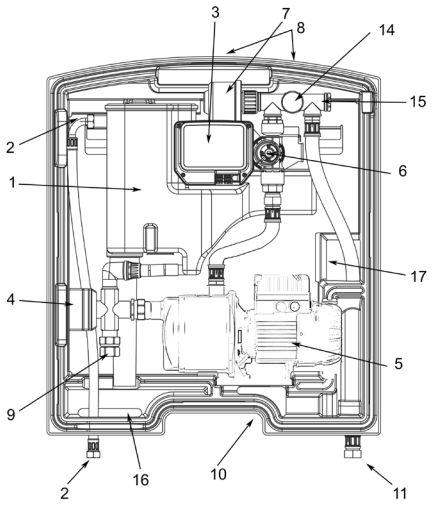
AQUAPROF BASIC



AQUAPROF TOP

DIMENSIONS AND WEIGHTS





1.mains water tank
2.mains water inlet
3.control panel
4.3-way valve
5.pump
6.pump hydraulic control system
7.anti-dripping plenum
8.hot air outlet
9.rain water suction
10.pump cooling air intake
11.pressurised water outlet
12.rear casing
13.emergency overflow
14.pressure gauge
15.horizontal outlet
16.pipes and electrical cable opening
17.delivery pipe opening
18.pump filler plug

MODEL	A	B	C	D	E	F	DNA GAS	DNM GAS	WEIGHT KG	Q.TY x PALLET
AQUAPROF BASIC 30/50	750	850	50,5	747	290	148	1"	1"	28	3
AQUAPROF BASIC 40/50	750	850	50,5	747	290	148	1"	1"	32	3
AQUAPROF TOP 30/50	750	850	50,5	747	290	148	1"	1"	28	3
AQUAPROF TOP 40/50	750	850	50,5	747	290	148	1"	1"	32	3

DAB PUMPS reserves the right to make modifications without notice

EUROSWIM

SWIMMING POOL CENTRIFUGAL PUMPS*

ENERGY EFFICIENCY IE2

CE

FILTRATION SYSTEM IN THE PUBLIC AND PRIVATE POOL, INDUSTRIAL APPLICATIONS



***Suitable also for salt water**

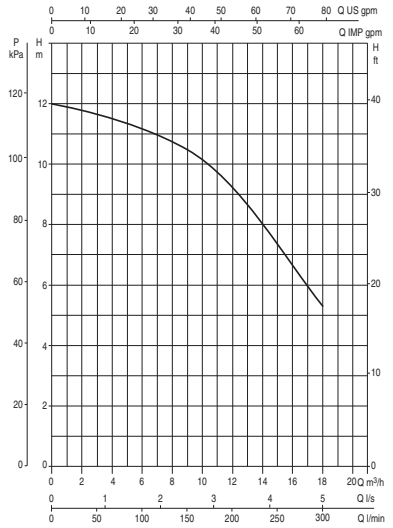
High efficiencyself-priming centrifugal pumps with built-in large capacity prefilter. Extremely quiet runningand great reliability, developed for water circulation and filtration in domestic and residential swimming pools. Suitable also for special applications that call for handling of aggressive liquids, in fish farms, agriculture and industry. Pump body in fibreglass reinforced technopolymer. Strainer cover in clear antioxidant polycarbonate to guarantee constant visibility through time. Nylon strainer. Impeller in fibreglass-reinforced technopolymer developed to ensure total coverage and isolation of the motor shaft from the pumped liquid. Diffuser in reinforced technopolymer. Mechanical seal in carbon / alumina / NBR / AISI 316. Pump body O-rings in NBR, threaded fasteners and reinforcing rings in AISI 304. Butterfly drain plugs that can be removed and refitted without tools.
Asynchronous continuous duty 2-pole motor (S1) with generous range of power ratings from 0.5 HP to 3 HP, single phase and three-phase (see technical specifications). Motor casing in die cast aluminium with electrophoresic surface treatment to prevent oxidation even in aggressive environmental conditions. Baseplate supplied as standard with rubber mounts to reduce vibration transmission.
Single phase version with integral thermal and overcurrent protection and permanent split capacitor (PSC), assembled inside the terminal box for all versions.

Motor and terminal box protection rating: IP55
Insulation class: F
Ball bearings:
water-proof,sealed,resistant to water and humidity.
Motor construction to EN 60335-2-41 standards
Standard voltage: Single phase 220-240V 50Hz
Three-phase 230/400V 50Hz
Operating range: up to 42 m³/h with pressure head of up to 22 m
Pumped fluid: clean water or water slightly contaminated with suspended particulate, long fibre; highly aggressive water with high percentage contents of chlorine/bromine and PHMB (Polyhexamethylene Biguanide) or water treated with chlorine electrolytic process.
Liquid temperature range: up to 60°C
Maximum ambient temperature: +50°C
Maximum operating pressure: 2,5 bar
Installation: fixed or portable in horizontal position
Special executions on request: alternative voltages and/or frequencies
Fittings on request: 2"/50 - 63 kit (two fittings + O-ring - see "Accessories")
Reference standard: IEC – 60364

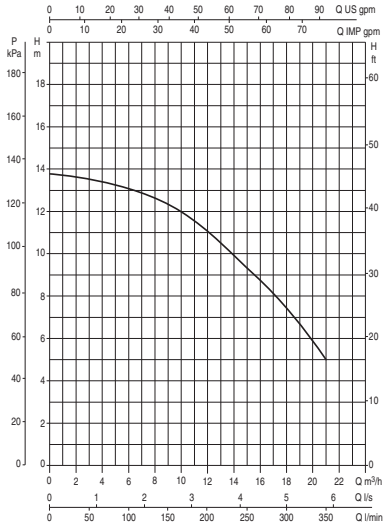
MODEL	CODE	ELECTRICAL DATA							MAX NOISE LEVEL dB (A)	HYDRAULIC DATA											
		VOLTAGE 50 Hz	P1 MAX W	P2 NOMINAL		In A	CAPACITOR			Q=m³h	0	3	6	9	12	18	21	24	30	36	42
				kW	HP		µF	Vc		Q=l/min	0	50	100	150	200	300	350	400	500	600	700
EUROSWIM 50 M	60118028	1x220-240 V ~	900	0,33	0,5	4,2	16	450	64		12,0	11,7	11,2	10,5	9,3	5,3					
EUROSWIM 75 M	60118029	1x220-240 V ~	1000	0,5	0,75	5	20	450	65		13,8	13,5	13,1	12,4	11,1	7,5	5				
EUROSWIM 75 T	60145192	3x230-400 V ~	950	0,5	0,75	3,5 / 2	-	-	65		13,8	13,5	13,1	12,4	11,1	7,5	5				
EUROSWIM 100 M	60118030	1x220-240 V ~	1300	0,75	1	6,3	25	450	66		15,4	15,4	15	14,2	13,1	10,0	7,8	5,6			
EUROSWIM 100 T	60145258	3x230-400 V ~	1200	0,75	1	4 / 2,4	-	-	66		15,4	15,4	15	14,2	13,1	10,0	7,8	5,6			
EUROSWIM 150 M	60118032	1x220-240 V ~	1600	1,1	1,5	7	31,5	450	66	H (m)	16,2	15,9	15,4	14,9	14,2	12,4	11,1	9,3	5,3		
EUROSWIM 150 T	60146030	3x230-400 V ~	1500	1,1	1,5	6,5 / 3,7	-	-	66		16,2	15,6	15,2	14,6	13,9	12,4	11,1	9,3	5,3		
EUROSWIM 200 M	60118033	1x220-240 V ~	1900	1,5	2	8,6	40	450	67		18,6	18,2	17,7	17,1	16,5	15,0	14,1	12,8	9,0	4	
EUROSWIM 200 T	60146035	3x230-400 V ~	1900	1,5	2	7,2 / 4	-	-	67		18,6	18,2	17,7	17,1	16,5	15,0	14,1	12,8	9,0	4	
EUROSWIM 300 M	60122213	1x220-240 V ~	2800	2,2	3	12	40	450	64		22,0	21,9	21,7	21,3	20,8	19,6	18,9	18,1	15,9	12,5	8,6
EUROSWIM 300 T	60146024	3x230-400 V ~	2800	2,2	3	8,7 / 5	-	-	64		22,0	21,9	21,7	21,3	20,8	19,6	18,9	18,1	15,9	12,5	8,6

UNIONS KIT	DESCRIPTION	CODE
	**2" UNIONS KIT / DN 50-63**	60120005

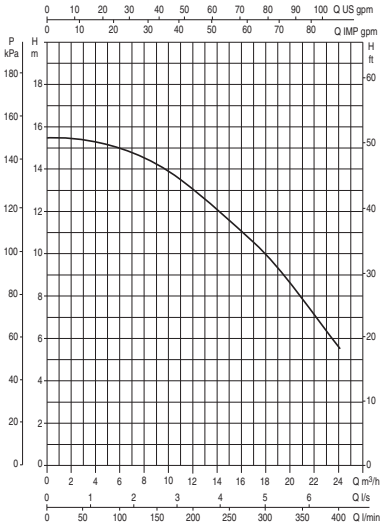
EUROSWIM 50



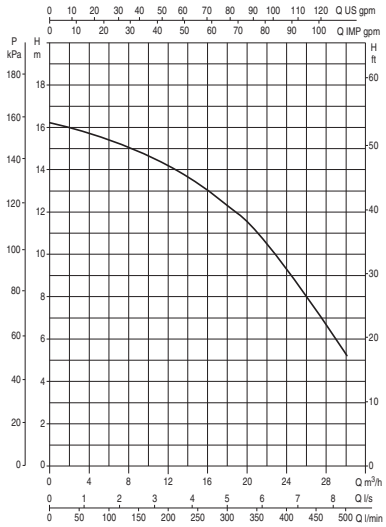
EUROSWIM 75



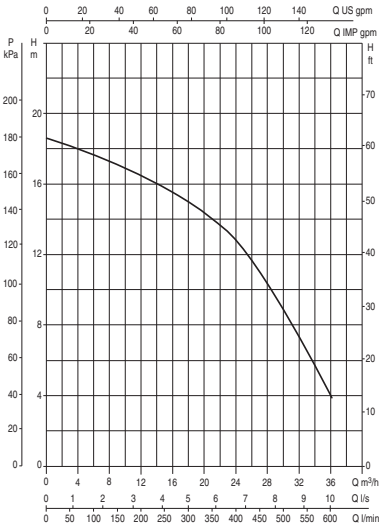
EUROSWIM 100



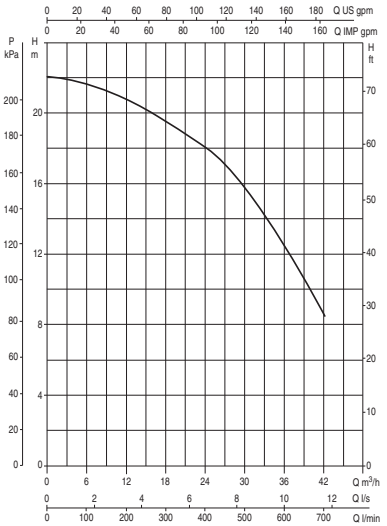
EUROSWIM 150



EUROSWIM 200

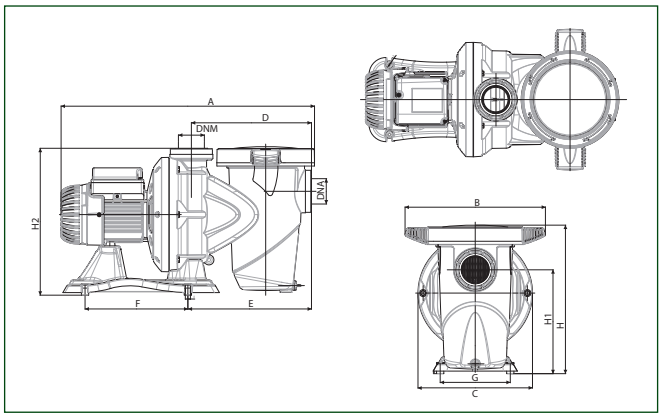


EUROSWIM 300

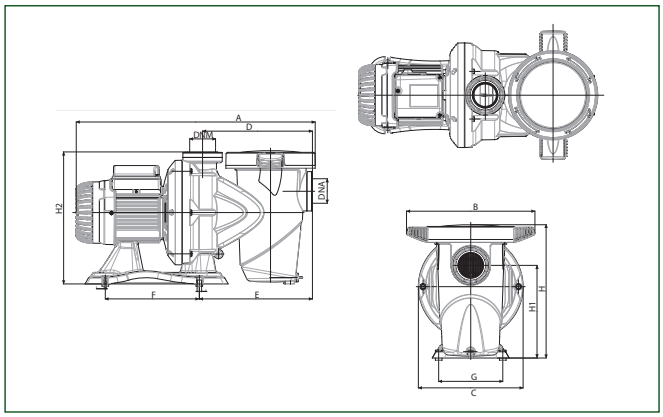


EUROSWIM
SWIMMING POOL CENTRIFUGAL PUMPS

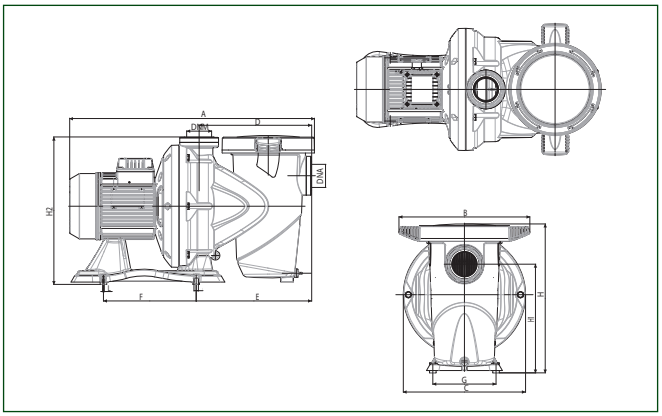
EUROSWIM 50



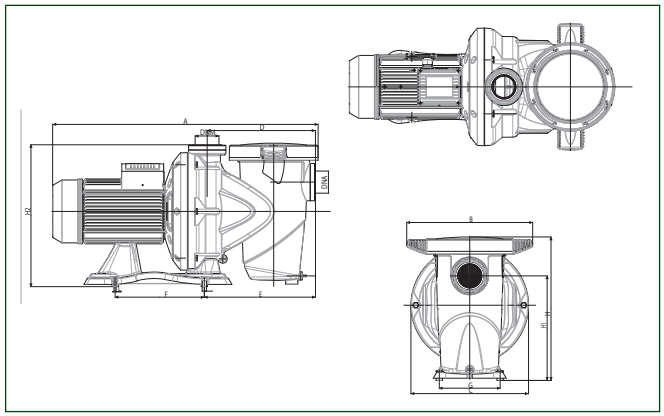
EUROSWIM 75 - 100



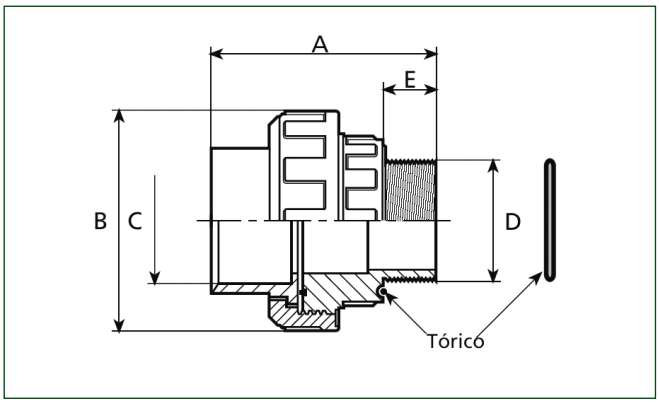
EUROSWIM 150 - 200



EUROSWIM 300



2" GAS CONNECTION FITTINGS KIT



MODEL	A	B	C	D	E	F	G	H	H1	H2	I	L	DNA GAS	DNM GAS	PACKAGING DIMENSIONS L	PACKAGING DIMENSIONS B	PACKAGING DIMENSIONS H	WEIGHT KG	Q.TY x PALLET
EUROSWIM 50 M	536	242	242	257	265	220	150	351	222	314	11	6,5	2"	2"	600	360	400	16	8
EUROSWIM 75 M	552	242	245	257	265	220	150	351	222	314	11	6,5	2"	2"	600	360	400	16,5	8
EUROSWIM 75 T	552	242	245	257	265	220	150	351	222	314	11	6,5	2"	2"	600	360	400	16,5	8
EUROSWIM 100 M	552	242	245	257	265	220	150	351	222	314	11	6,5	2"	2"	600	360	400	17	8
EUROSWIM 100 T	552	242	245	257	265	220	150	351	222	314	11	6,5	2"	2"	600	360	400	17	8
EUROSWIM 150 M	574	250	290	267	274	220	150	387	258	350	11	6,5	2"	2"	720	350	430	22	6
EUROSWIM 150 T	574	250	290	267	274	220	150	387	258	350	11	6,5	2"	2"	720	350	430	22	6
EUROSWIM 200 M	648	250	290	267	274	220	150	387	258	350	11	6,5	2"	2"	720	350	430	24	6
EUROSWIM 200 T	574	250	290	267	274	220	150	387	258	350	11	6,5	2"	2"	720	350	430	22	6
EUROSWIM 300 T	648	252	290	267	274	220	150	387	258	350	11	6,5	2"	2"	720	350	430	24,5	6
2" GAS FITTINGS KIT	99	99	50/63	2"	20	-	-	-	-	-	-	-	-	-	-	-	-	24	6

EUROPRO HIGH FLOW

SWIMMING POOL CENTRIFUGAL PUMPS*

ENERGY EFFICIENCY IE2

CE

WATER CIRCULATION IN BIG FILTRATION SYSTEMS, AGRICOLTURE AND INDUSTRY WATER TREATMENT



Self-priming, high-performance centrifugal pumps, with built-in large capacity prefilter. 2 or 4 pole motor completely isolated from the water. Extremely quiet and highly reliable, developed for the circulation and filtration in large swimming pool filtration systems. Also suitable for particular applications that require handling of **seawater** thanks to the mechanical seal made of AISI 316.
Prefilter body, pump body, spiral, counterspiral and pump body lid are made of polypropylene, resistant to chemical products found in swimming pools and reinforced with fiber glass. Prefilter basket made of zinc. Prefilter lid made of transparent polycarbonate with four knobs locking system. Closed asynchronous motor with external ventilation with 2 or 4 poles depending on the model, with a wide capacity range from 3 to 15 Hp.
Terminal box with IP55 Degree of protection.

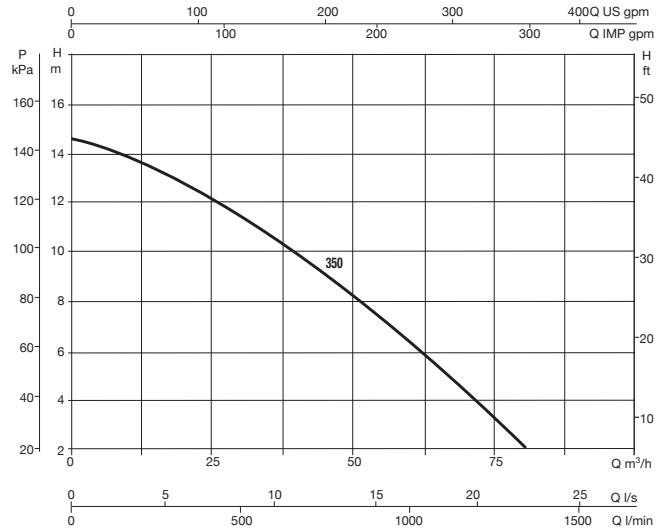
Insulation class: F
Standard voltage: 3 x 230-400V 50 Hz up to 4 kW
3 x 400-690V 50 Hz over 4 KW
Operating range: Up to 190 m³/h with head up to 22 m
Temperature range of the liquid: Up to 40°C
Pumped Liquid: clean or slightly dirty water or a little aggressive (Poly Hexamethylene Biguanide) or water treated with chlorine electrolysis process.
Maximum ambient temperature: 40°C
Installation: in horizontal position
Special executions on request: other frequencies and/or voltages

***Suitable also for salt water**

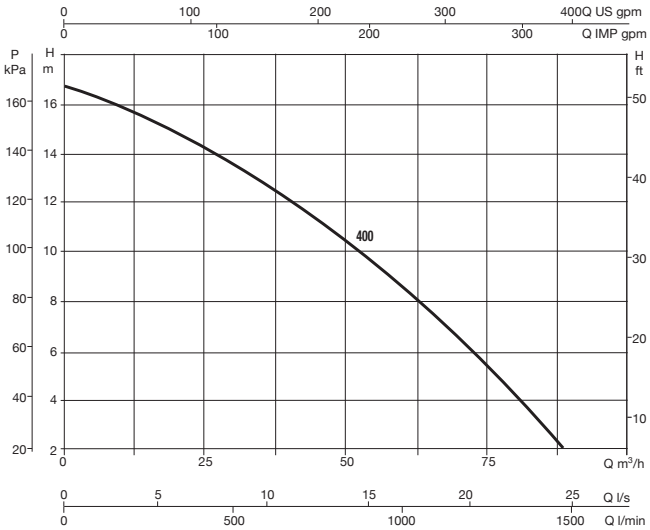
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA								HYDRAULIC DATA									
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A			N. rpm	H=m	6	8	10	12	14	16	18	20	22
				HP	KW	230	400	690											
EUROPRO 350 T	60164686	3 x 230-400 V	2,97	3	2,2	9,4	5,3	-	1450	Q (m³/h)	62	51	40	28	8				
EUROPRO 400 T	60164687	3 x 230-400 V	3,83	4	3	12,5	6,9	-	1450		72	63	54	42	28	7			
EUROPRO 550 T	60164688	3 x 230-400 V	5,54	5,5	4	15,3	8,8	-	1450		122	104	84	52					
EUROPRO 750 T	60164689	3 x 400-690 V	6,85	7,5	5,5	-	12	7	1450		144	126	106	84	56				
EUROPRO 1000 T	60164690	3 x 400-690 V	8,26	10	7,5	-	15,8	9,2	1450		160	144	126	107	84	48			
EUROPRO 1250 T	60164691	3 x 400-690 V	13,74	12,5	9,2	-	18,5	10,7	2850			176	160	144	125	105	80	50	
EUROPRO 1500 T	60164692	3 x 400-690 V	15,73	15	11	-	20,9	12	2850			180	168	155	142	130	115	96	67

EUROPRO 350 T



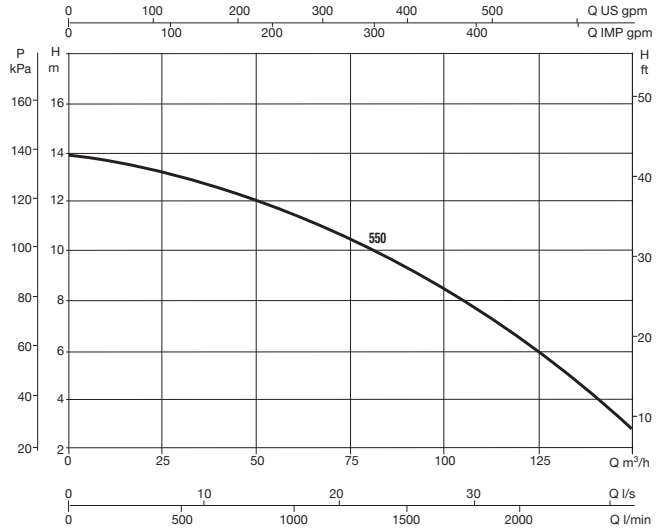
EUROPRO 400 T



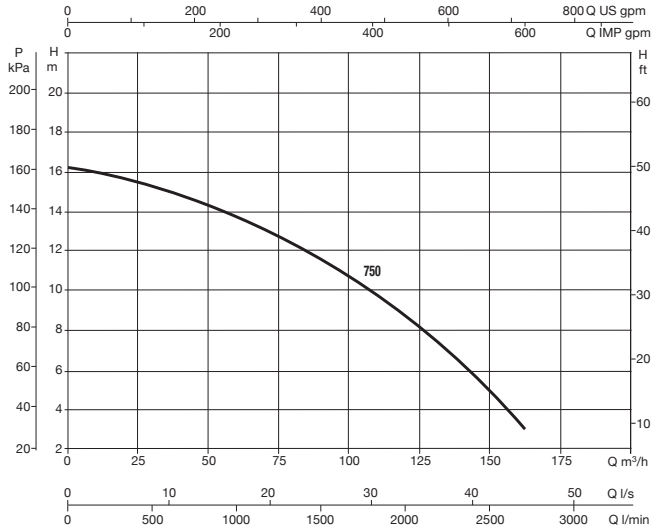
The performance curves are based on the kinematic viscosity values = 1 mm²/s and density of 1000 kg/m³. Curve tolerance according to ISO9906.

EUROPRO HIGH FLOW
SWIMMING POOL CENTRIFUGAL PUMPS

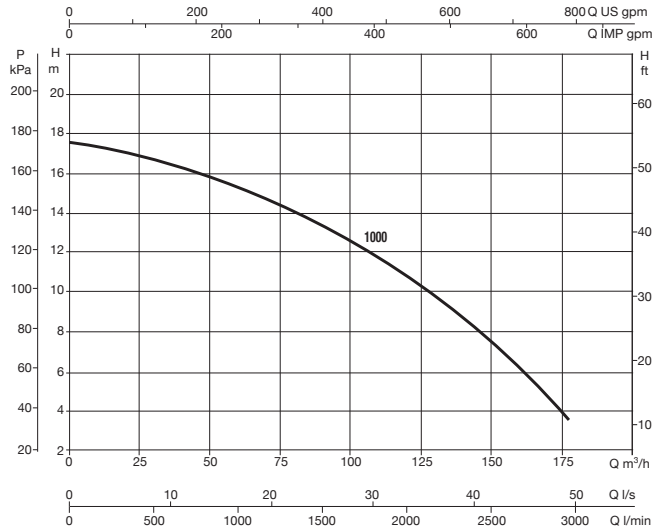
EUROPRO 550 T



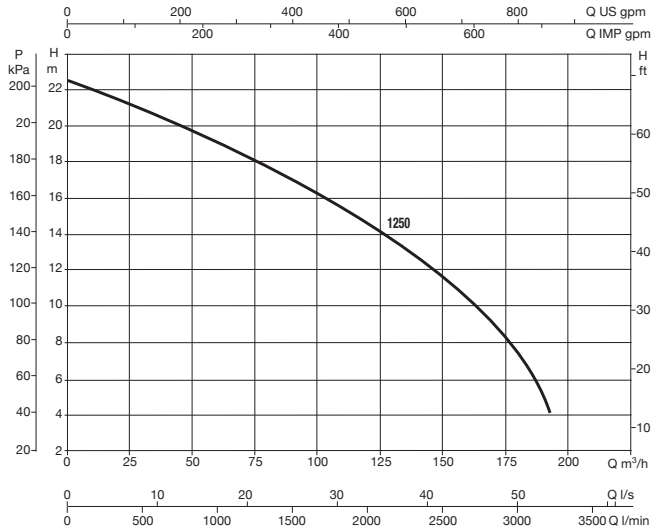
EUROPRO 750 T



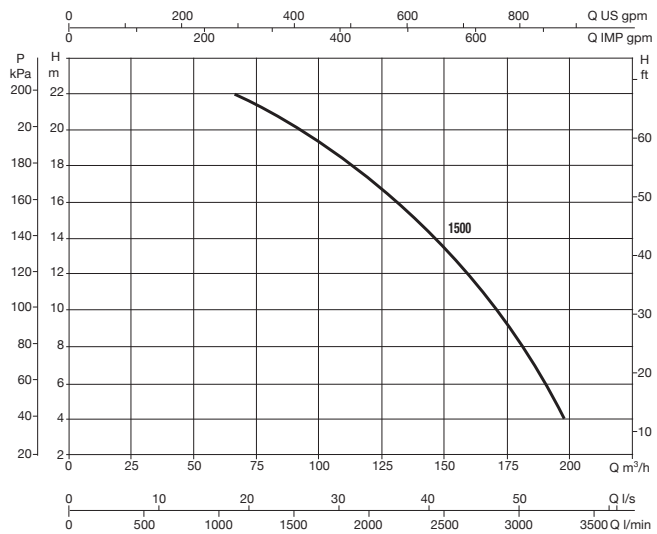
EUROPRO 1000 T



EUROPRO 1250 T

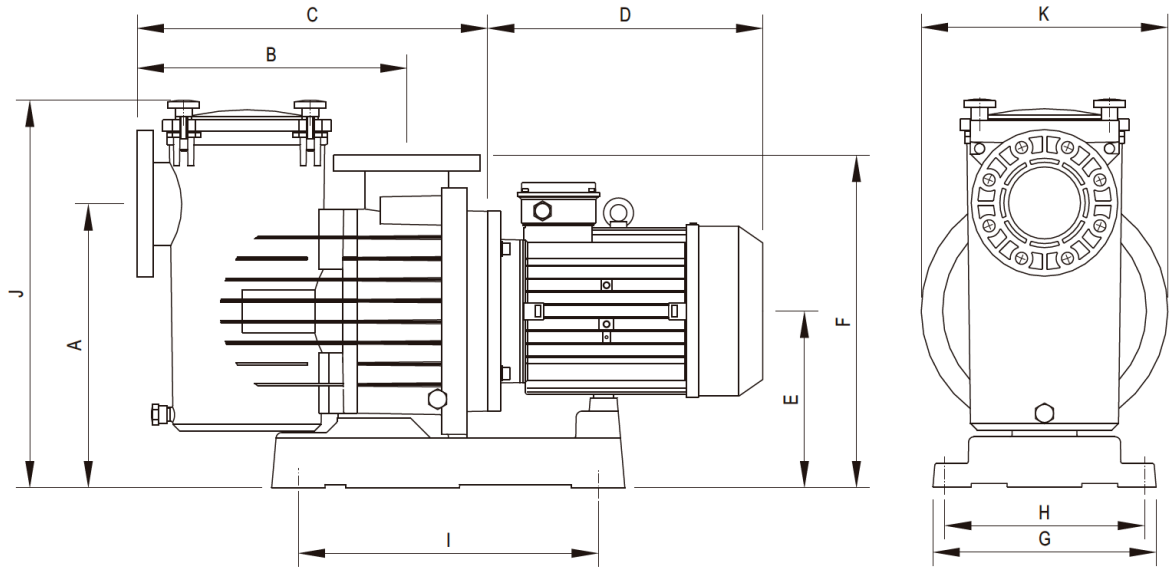


EUROPRO 1500 T



The performance curves are based on the kinematic viscosity values = 1 mm^2/s and density of 1000 kg/m^3. Curve tolerance according to ISO9906.

DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E	F	G	H	I	J	K	DNA	DNM	PACKAGING DIMENSIONS			WEIGHT Kg
														L	B	H	
EUROPRO 350 T	420	405	530	310	265	495	335	300	450	590	370	110	110	840	385	595	42,5
EUROPRO 400 T	420	405	530	310	265	495	335	300	450	590	370	110	110	840	385	595	44,5
EUROPRO 550 T	420	405	530	335	265	495	335	300	450	590	370	110	110	1170	385	715	53,5
EUROPRO 750 T	420	405	508	380	265	495	335	300	450	590	370	110	110	1170	385	715	66
EUROPRO 1000 T	420	405	508	380	265	495	335	300	450	590	370	110	110	1170	385	715	76
EUROPRO 1250 T	420	405	508	380	265	495	335	300	450	590	370	110	110	1170	385	715	84,5
EUROPRO 1500 T	420	405	508	380	265	495	335	300	450	590	370	110	110	1170	385	715	85,5

DAB PUMPS reserves the right to make modifications without notice

EUROCOVER

SUBMERSIBLE SWIMMING POOL PUMPS

CE

SWIMMING POOL COVER DRAINAGE



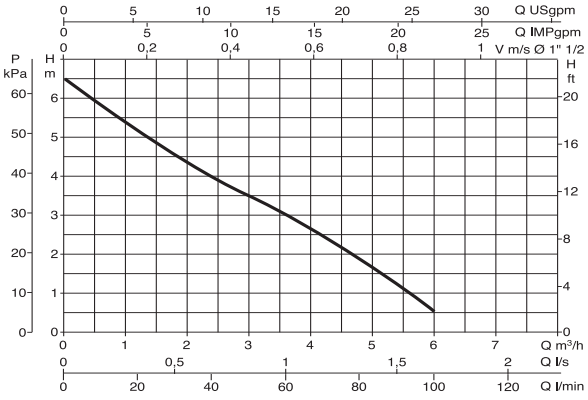
Totally automatic submersible electric pump, with wide support base specially designed to increase stability and to offer the possibility to operate also in positions which are not perfectly perpendicular to the ground.
Suitable for use during the winter period above the pool covers, to remove rainwater and avoid damage to the cover due to the excessive weight of the accumulated water. Electric pump made of resistant thermoplastic material. Motor, shaft, bolts and screws in stainless steel. Triple interposed ring seal with oil precombustion chamber. Incorporated float for automatic operation. Submersible with continuous duty asynchronous motor. Stator positioned in stainless steel enclosure with cap to cover wiring and capacitor.

Protection rating: IP68
Insulation class: F
Input voltage: 230V - 50Hz single phase
Supplied with 10m cable and Schuko plug / 10 m rope for positioning on sheets
Multi-hose fitting with clapet valve
Operating range: From 0.5 to 6 m³/h with head up to 6.5 m
Liquid temperature range: From 0 to 35 °C (EN60335-2-41)
Installation: fixed or portable in vertical position (max. inclination 10°)
Particle size: 5 mm
Automatic start/stop: start 55 mm - stop 35 mm

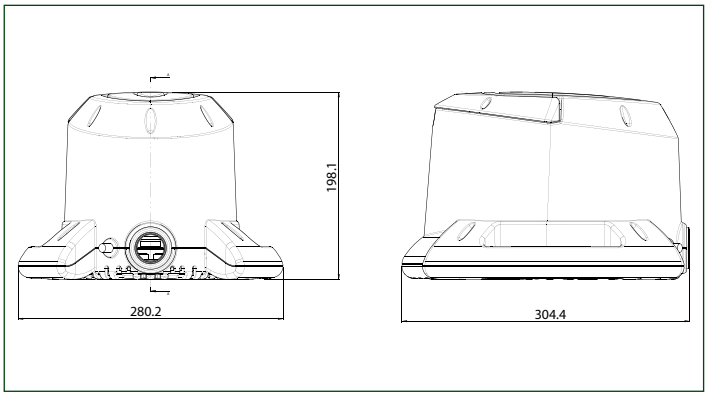
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA						
		VOLTAGE 50 Hz	P1 MAX W	P2 NOMINAL		CAPACITOR		Q=m³h	0	1,2	2,4	3,6	4,8	6
				kW	HP	µF	Vc							
EUROCOVER	60115704	230 V ~	250	0,22	0,3	8	-	H (m)	6,5	5,1	4	3	1,9	0,5

EUROCOVER



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	PACKAGING DIMENSIONS			WEIGHT KG	Q.TY x PALLET
				L	B	H		
EUROCOVER	542	300	245	290	230	320	4,6	36

JETCOM SP - EUROCOM SP

SWIMMING POOL CENTRIFUGAL PUMPS

ENERGY EFFICIENCY IE2

CE

SWIMMING POOL WATER SUPPLY



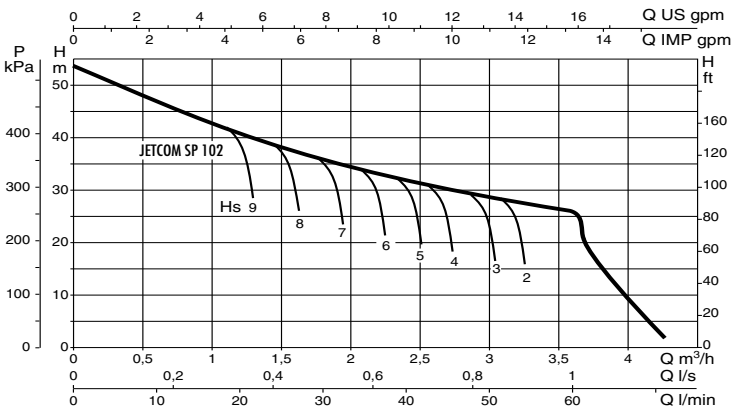
Self-priming centrifugal (Jetcom) or multistage (Eurocom) pump with excellent suction capacity even when there are air bubbles. Suitable for use with water containing small sand impurities. Especially suitable for water supplies in domestic systems: handling of aggressive water in general with chlorine contents (swimming pools). Pump body in technopolymer.
Support and seal-carrier in AISI 316 STAINLESS STEEL.
Carbon/ceramic mechanical seal.
Rotor shaft in AISI 316 STAINLESS STEEL.
Impellers, diffuser, Venturi tube, and sand guard in technopolymer. Clearance rings in stainless steel.
Continuous duty asynchronous motor.
Built-in motor overload cut out and a capacitor permanently on in the single-phase version.
Protection for the three-phase version is the responsibility of the user.

Motor protection level: IP 44
Terminals protection level: IP 55
Insulation class: F
Standard voltage:220/240V - 50 Hz single-phase
230/400V - 50 Hz three-phase
Operating range: from 10 to 80 l/min with head of up to 58 m depending on the model
Liquid quality requirements: clean, free of solid or abrasive contaminants, swimming pool water (containing chlorine).
Liquid temperature range:
from 0°C to +35°C for domestic use (EN 60335-2-41)
from 0°C to +40°C for other uses.
Maximum ambient temperature: +40°C
Maximum operating pressure: 6 bar (600 kPa)
Installation: fixed or portable in horizontal position

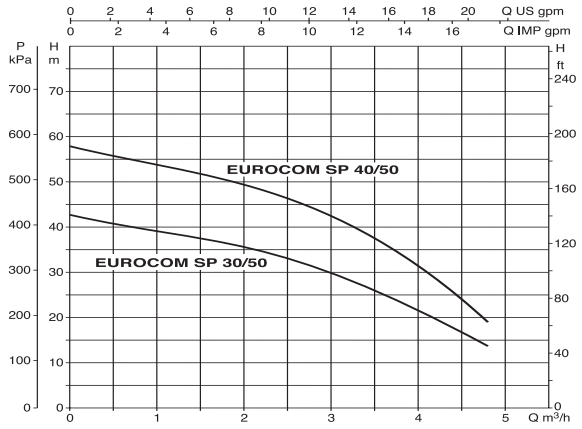
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA										
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,3	3,6	4,2	4,8
				kW	HP		µF	Vc	Q=l/min	0	10	20	30	40	50	55	60	70	80
JETCOM 102 SP M	102676030	1x220-240 V ~	1,13	0,75	1	5,1	16	450	H (m)	53,8	47	41	36,3	32,4	28,8		25,8		
EUROCOM SP 30/50 M	102966260	1x220-240 V ~	880	0,55	0,75	3,9	12,5	450		42,2	40,2	38,2	36,2	33,8	30	27,5	24,8	19,5	14
EUROCOM SP 30/50 T	102966270	3x230-400 V ~	870	0,55	0,75	2,8-1,6	-	-		42,2	40,2	38,2	36,2	33,8	30	27,5	24,8	19,5	14
EUROCOM SP 40/50 M	102966280	1x220-240 V ~	1200	0,75	1	5,3	20	450		57,7	55,3	52,8	50,1	47,1	42,7	39,5	35,8	28	19,2
EUROCOM SP 40/50 T	60145281	3x230-400 V ~	1180	0,75	1	3,8-2,2	-	-		57,7	55,3	52,8	50,1	47,1	42,7	39,5	35,8	28	19,2

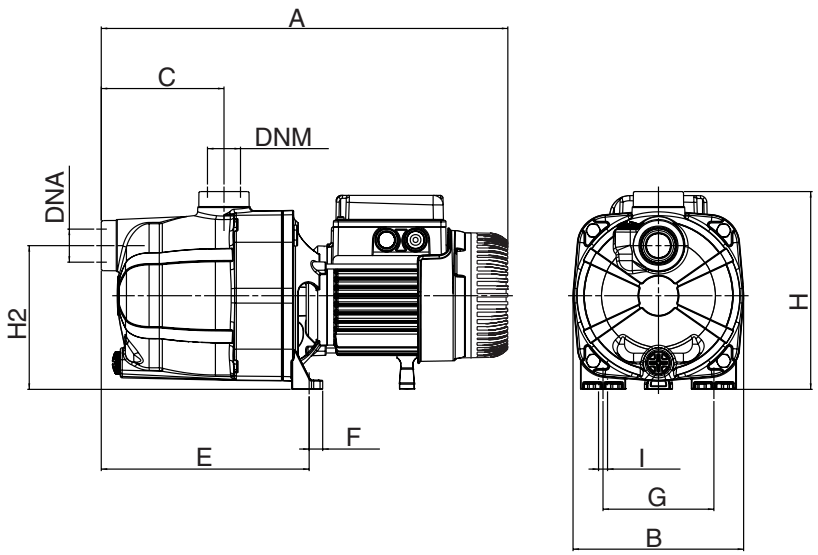
JETCOM



EUROCOM



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	E	F	G	IØ / 4 HOLES	H	H1	DNA GAS	DNM GAS	PACKAGING DIMENSIONS			WEIGHT KG	Q.TY x PALLET
												L/A	L/B	H		
JETCOM SP 102	425	170	122	208	14	111	9	203	144	1"	1"	470	240	240	9,5	28
EUROCOM SP 30/50	406	170	122	208	14	111	9	198	144	1"	1"	470	240	240	8,8	28
EUROCOM SP 40/50	425	170	122	208	14	111	9	203	144	1"	1"	470	240	240	11,3	28

E-BOX
CONTROL PANEL



CE

SUBMERSIBLE PUMPS/ PRESSURE PUMPS

- Ideal to drive 2 pumps booster sets
- designed for Single-phase and three-phase pumps
- Working with pressure switches (max. 4) (2 functions, 2 protections) (2/3 functions, 2 protections)
- Working with depths sensors (0-10V / 4...20mA)
- Amperometric protection
- Exchange of the pumps starting order (each start)

TECHNICAL DATA

MODEL	CODE	VOLTAGE 50 HZ	STARTING	P2 NOMINAL		MAX CURRENT A	N° CONNECTABLE FLOATS
				kW x2	HP x2		
E-BOX 2D M/T 12 A (for 2 single or three phase pumps)	60114868	1 X 230 V	DIRECT	2,2	3	12+12	2 to 5
		3 X 230 V		3	4		
		3 X 400 V		5,5	7,5		
E-BOX 2D M 40 mF 12 A (for 2 single phase pumps)	60114869	1 X 230 V	DIRECT	2,2	3	12+12	2 to 5

NEW E-BOX AVAILABLE IN APRIL 2014





DAB PUMPS reserves the right to make modifications without notice

SMART PRESS
ON/OFF CONTROLLER



CE

DOMESTIC WATER SUPPLY

SMART PRESS is an ON/OFF electronic device designed to switch the pump ON/OFF without using an expansion vessel.
The device protects the pump against dry running without using level probes or float switch.

It has an adjustable cut-in pressure and even with a high flow the pressure losses are small.
All the SMART PRESS models have a MANUAL AND AUTOMATIC RESTART.

TECHNICAL DATA

MODEL	CODE	SETTING PRESSURE bar	DNA GAS	DNM GAS
SMART PRESS WG 1,5 - AUTOM. RESET - WITHOUT CABLE	**60114808**	1,5	1 " M	1 " ¼ F
SMART PRESS WG 1,5 - AUTOM. RESET - WITH CABLE	**60113308**	1,5	1 " M	1 " ¼ F
SMART PRESS WG 3.0 - AUTOM. RESET - WITHOUT CABLE	**60114809**	1,5	1 " M	1 " ¼ F
SMART PRESS WG 3.0 - AUTOM. RESET. - WITH CABLE	**60113922**	1,5	1 " M	1 " ¼ F

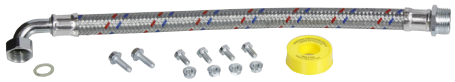
DIMENSIONS AND WEIGHTS

MODEL	LENGHT	HEIGHT	DEPTH	WEIGHT KG	Q.TY x PALLET
SMART PRESS WG 1,5 - AUTOM. RESET - WITHOUT CABLE	185	180	115	1,3	100
SMART PRESS WG 1,5 - AUTOM. RESET - WITH CABLE	185	180	115	1,6	100
SMART PRESS WG 3.0 - AUTOM. RESET - WITHOUT CABLE	185	180	115	1,3	100
SMART PRESS WG 3.0 - AUTOM. RESET. - WITH CABLE	185	180	115	1,6	100

CENTRIFUGAL AND SELF PRIMING PUMPS ACCESSORIES

ACCESSORIES
CENTRIFUGAL AND SELF PRIMING PUMPS

EXPANSION VESSELS	DESCRIPTION	CODE
 100/310/450 LITRE V  20/60 LITRE H  2/8/18 LITRE V	2 LT. TANK 10 BAR V - G	60141865
	8 LT. TANK 10 BAR V - G	60141866
	18 LT. TANK 10 BAR V - G	60141867
	18 LT. TANK 16 BAR V - G	60141868
	20 LT. TANK 10 BAR H - G	60141869
	60 LT. TANK 10 BAR H - G	60141870
	100 LT. TANK 10 BAR V - G	60141871
	310 LT. TANK 10 BAR V - G	60141872
	450 LT. TANK 10 BAR V - G	60141873

ACQUABOX ASSEMBLY KIT	DESCRIPTION	CODE	Q.TY X BOX
	AQUABOX ASSEMBLY KIT "H" 20	547120510	1
	AQUABOX ASSEMBLY KIT "H" 60	547120570	1

ACQUABOX ASSEMBLY KIT	DESCRIPTION	CODE	Q.TY X BOX
	DIAPH. FOR AQUABOX V 8 LT. BUTYL	002139828	1
	DIAPH. FOR AQUABOX "V" 20LT. - 16 BAR BUTYL	002139833	1
	DIAPH. FOR AQUABOX 19-20 LT. BUTYL	002139831	1

MANOMETERS	DESCRIPTION	CODE	Q.TY X BOX
	AXIAL PRESS. GAUGE 6 BAR D.50, 1/4" COUPL.	002125051	100
	AXIAL PRESS. GAUGE 12 BAR D.63, 1/4" COUPL.	002126007	100
	RADIAL PRESS. GAUGE 12 BAR D.63, 1/4" COUPL.	002126037	100

PRESSURE SWITCH	DESCRIPTION	CODE	Q.TY X BOX
	PRESS. SWITCH 6 BAR	002716710	10
	PRESS. SWITCH 6 BAR - XMP	60110618	10
	PRESS. SWITCH 12 BAR - XMP	60110619	10
	MIN. PRESS. SWITCH XMX A06L 1/4" F IP 43	002717002	–

ACCESSORIES

CENTRIFUGAL AND SELF PRIMING PUMPS

CONNECTORS	DESCRIPTION	CODE	Q.TY X BOX
	3 - WAY BRASS CONNECTOR 1"	167320100	125
	5 - WAY BRASS CONNECTOR 1"	60110862	100

FOOT VALVES	DESCRIPTION	CODE	Q.TY X BOX
 FOOT VALVE ¾"	FOOT VALVE ¾"	002130903	10
	FOOT VALVE 1"	002130904	10
	FOOT VALVE 1 ¼"	002130905	5

NON-RETURN VALVES	DESCRIPTION	CODE	Q.TY X BOX
 NON-RETURN VALVE ¾"	NON-RETURN VALVE ¾"	002130063	14
	NON-RETURN VALVE 1"	002130064	10
	NON-RETURN VALVE 1 ¼"	002130065	8
	NON-RETURN VALVE 1 ½"	002130066	-
	NON-RETURN VALVE 2"	002130007	-

CONTROLLERS	DESCRIPTION	CODE	SETTING PRESSURE bar
 CONTROLLER 1.5	CONTROLLER 1.5 WITHOUT CABLE	109640200	1,2
	CONTROLLER 1.5 WITHOUT CABLE	109640210	1,5
	CONTROLLER 1.5 WITHOUT CABLE	109640220	2,2
	CONTROLLER 1.5 WITH CABLE	109640240	1,2
	CONTROLLER 1.5 WITH CABLE	109640250	1,5
	CONTROLLER 1.5 WITH CABLE	109640260	2,2

DAB PUMPS reserves the right to make modifications without notice

NOTES

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PERIPHERAL PUMPS
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KP
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KE SINGLE IMPELLER
SINGLE IMPELLER CENTRIFUGAL PUMPS
WITH INVERTER MCE/P
BO PAG. 294



KE TWIN IMPELLER
TWIN IMPELLERS CENTRIFUGAL PUMPS
WITH INVERTER MCE/P
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NKVE 10-15-20
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K TWIN IMPELLER
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NKV 32 - NKV 45
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KPA

SELF-PRIMING PERIPHERAL PUMPS

ENERGY EFFICIENCY IE2

CE

DOMESTIC WATER SUPPLY



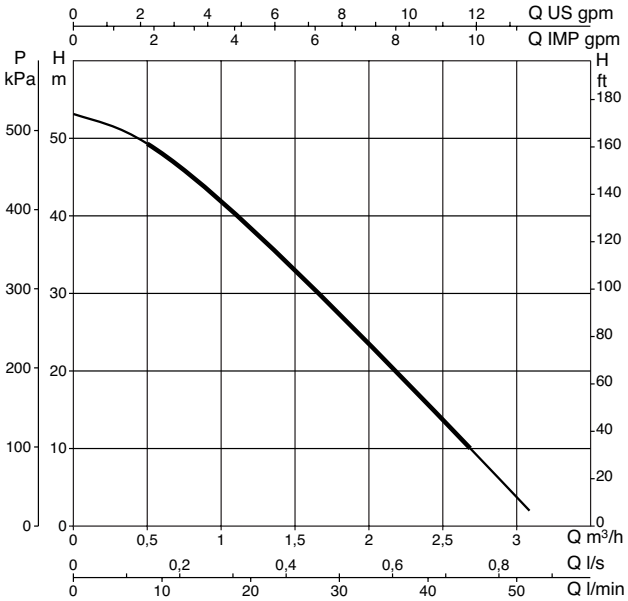
Self-priming peripheral pump with star impeller, with a great suction capacity. Cast iron body with brass ring. Motor support and impeller in brass to avoid the risk of blocking. Driving shaft in stainless steel. Carbon/ceramic mechanical seal.
Asynchronous, closed motor, cooled by external ventilation. Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. For the protection of the three-phase motor it is advisable to use a suitable overload protection complying with the regulations in force.

Operating range: from 8 to 45 l/min. with head up to 53 metres.
Liquid temperature range:
from -10°C to +80°C
from 0°C to +35°C for domestic use.
Pumped liquid characteristics: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral.
Maximum ambient temperature: +40°C
Maximum working pressure: 10 bar (1000 kPa).
Protection level: IP 44 (IP 55 terminal board protection).
Insulation class: F

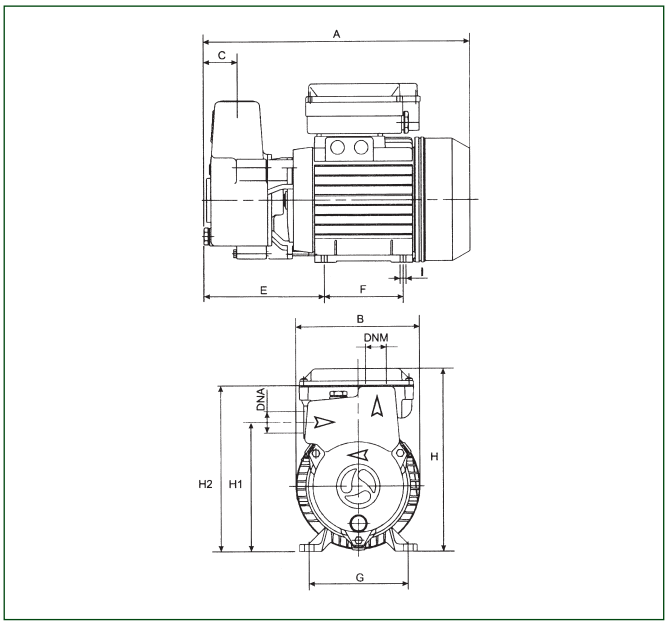
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA							
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,3	0,6	0,9	1,2	1,8	2,4
				kW	HP		µF	Vc	Q=l/min	0	5	10	15	20	30	40
KPA 40/20 M	101120000	1 x 230 V ~	1,85	0,75	1	4,7	20	450	H (m)	53	51	48	43	38	27	16
KPA 40/20 T	60145185	3 x 230 - 400 V ~	1	0,75	1	3,5-2,1	-	-		53	51	48	43	38	27	16

KPA



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	E	F	G	I Ø	H	H1	H2	DNA GAS	DNM GAS	PACKAGING DIMENSIONS			WEIGHT KG	Q.TY x PALLET
													L/A	L/B	H		
KPA 40/20 M-T	301	142	38	136	90	112	7	206	146	187	1"	1"	406	267	402	12,40	39

KPS - KPF -KP

PERIPHERAL PUMPS

DOMESTIC WATER SUPPLY

KPF FRONTAL SUCTION



KPF

ENERGY EFFICIENCY IE2



KPS

Peripheral centrifugal pump, reduced encumbrance, able to generate high heads, it is suitable for domestic use and small industrial uses.
Pump body and motor support in brass for the KP 60 version, in cast iron for the KPS 30 and KP 38 versions. Brass impeller. Mechanical seal in carbon/ceramic.
Asynchronous, closed motor, cooled by external ventilation.
Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. For the protection of the three-phase motor it is advisable to use a suitable overload protection complying with the regulations in force.

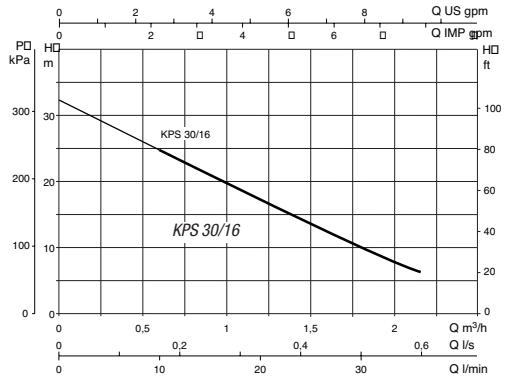
Operating range: from 1 to 50 l/min. with head up to 107 metres.
Liquid temperature range:
from 0°C to +35°C for domestic use.
from -10°C to +50°C for other uses.
Pumped liquid characteristics:clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral.
Maximum ambient temperature: +40°C
Maximum working pressure: 10 bar (6 bar for KPS-KPF 30/16).
Protection level: IP 44
Insulation class: F

TECHNICAL DATA

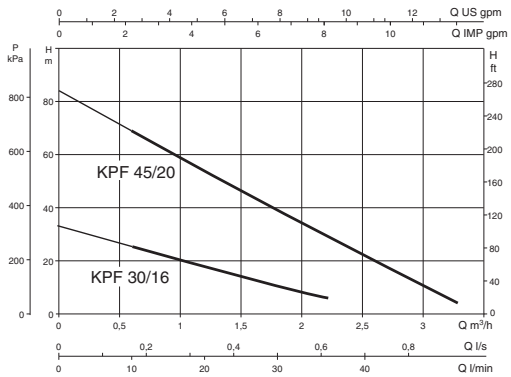
MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA							
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,3	0,6	0,9	1,2	1,8	2,4
				kW	HP		µF	Vc	Q=l/min	0	5	10	15	20	30	40
KPF 30/16 M	101110400	1 x 230 V ~	0,53	0,37	0,5	2,37	8	450		32,5	31	25	22	17,5	10	
KPF 30/16 T	101110410	3 x 230 - 400 V ~	0,47	0,37	0,5	1,45-0,82	-	-		32,5	31	25	22	17,5	10	
KPS 30/16 M	101110024	1 x 230 V ~	0,47	0,37	0,5	2	8	450		32,5	31	25	22	17,5	10	
KPS 30/16 T	101110014	3 x 230 - 400 V ~	0,47	0,37	0,5	1,4-0,8	-	-		32,5	31	25	22	17,5	10	
KPS 30/16 M-P [1]	101112224	1 x 230 V ~	0,47	0,37	0,5	2	8	450	H (m)	32,5	31	25	22	17,5	10	
KP 38/18 M	101110060	1 x 230 V ~	0,89	0,6	0,8	4	12,5	450		54	50	46	41	36	27,5	17,5
KP 38/18 T	101110050	3 x 230 - 400 V ~	0,86	0,6	0,8	2,9-1,7	-	-		54	50	46	41	36	27,5	17,5
KPF 45/20 M	60141934	1 x 230 V ~	1,5	1,0	1,34	5,9	25	450		84	76	68	62	56	38	24
KPF 45/20 T	60145268	3 x 230 - 400 V ~	1,4	1,0	1,34	-	-	-		84	76	68	62	56	38	24

[1] KPS-fitted Pump fitted with a pressure gauge, pressure switch, power supply cable with plug and five-way fitting for connection to a tank.

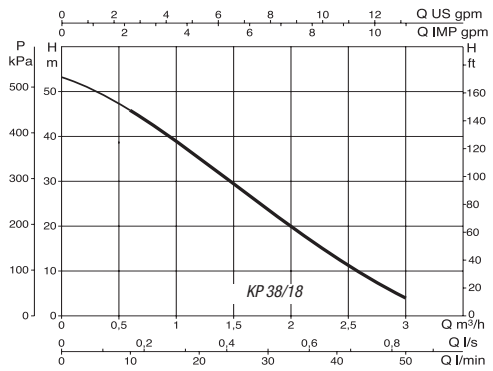
KPS



KPF



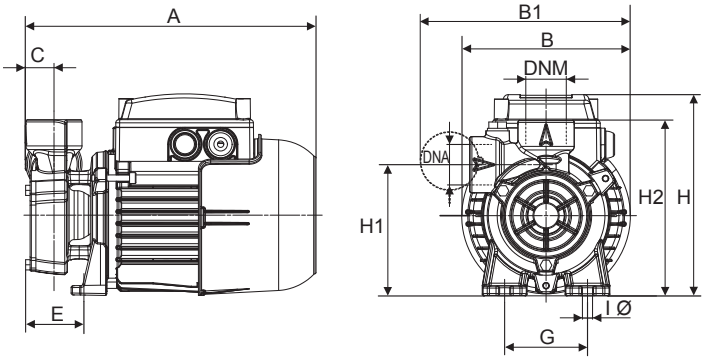
KP 38/18



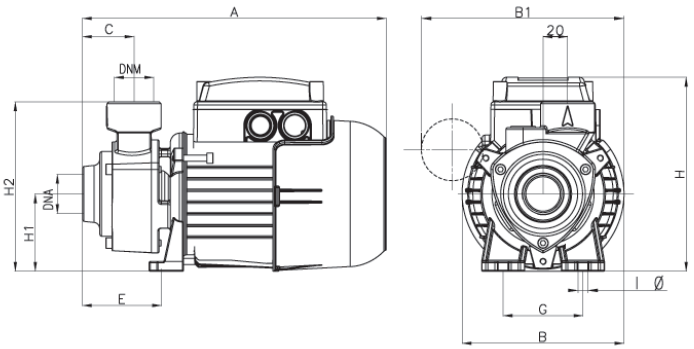
CENTRIFUGAL PUMPS

DIMENSIONS AND WEIGHTS

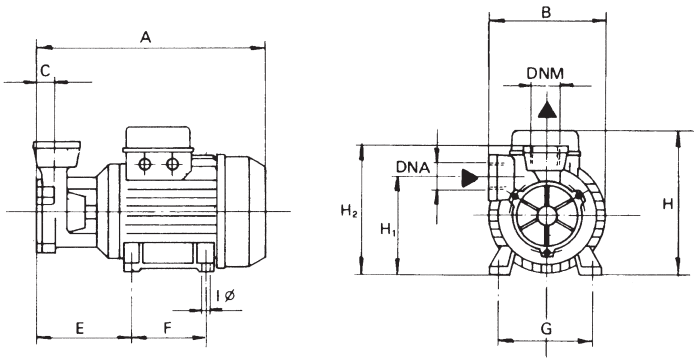
KPS



KPF



KP 30/16



MODEL	A	B	B1	C	E	F	G	IØ	H	H1	H2	DNA	DNM	PACKAGING DIMENSIONS			WEIGHT KG	Q.TY x PALLET
														L/A	L/B	H		
KPS 30/16	228	132	165	22	46	–	65	8	158	103	138	1"G	1"G	259	164	197	5,4	120
KPF 30/16	247	132	165	42	64	–	65	8	158	63	138	1"G	1"G	262	140	180	5,3	110
KP 38/18	255	130	–	26	106	80	100	7	186	108	153	1"G	1"G	271	176	209	7,5	68
KPF 45/20 M	315	155	–	55	95	–	112	7	188	78	163	1"G	1"G	325	165	198	9,0	39
KPF 45/20 T	315	155	–	55	95	–	112	7	188	78	163	1"G	1"G	325	165	198	9,0	39

ENERGY EFFICIENCY IE2

CE

DOMESTIC WATER SUPPLY



KP 60/6 - 60/12

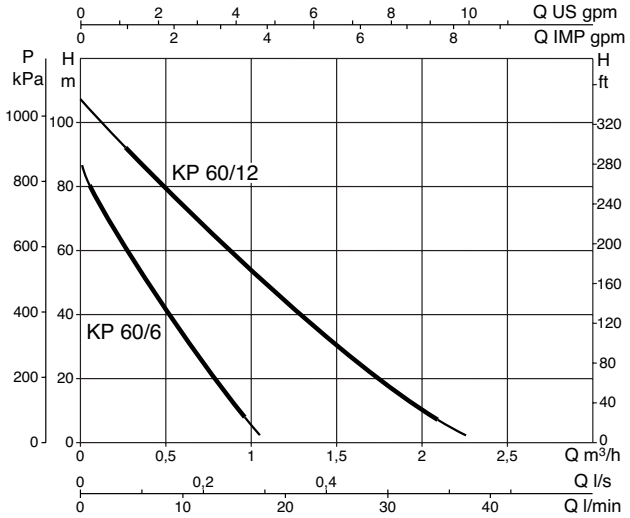
Pump body, motor support and impeller in brass. Carbon/ceramic mechanical seal. Stainless steel motor shaft. Asynchronous, closed motor cooled by external ventilation.
Rotor mounted on oversized greased sealed-for-life ball bearings to ensure silent running and long life.
Motor overload cut out equipped as standard in the single-phase version. Overload protection to be provided by the user for the three-phase version. Permanently connected capacitor for the single-phase version.
Construction to CEI 2-3 and CEI 61-69 (EN 60335-2-41)

Protection rating: IP 44
Insulation class: F
Standard voltage: 1x230V 50Hz single-phase
3x230-400V 50Hz three-phase
Operating range: from 1 to 35 l/min with head up to 107 meters.
Pumped liquid: clean, free from solids or abrasive substances, not aggressive.
Liquid temperature range:
- from 0°C to +35°C for domestic use (EN 60335-2-41)
- from -10°C to +80°C for other uses.
Maximum ambient temperature: +40°C
Maximum working pressure: 10 bar (1000 kPa).
Installation: fixed in horizontal position.

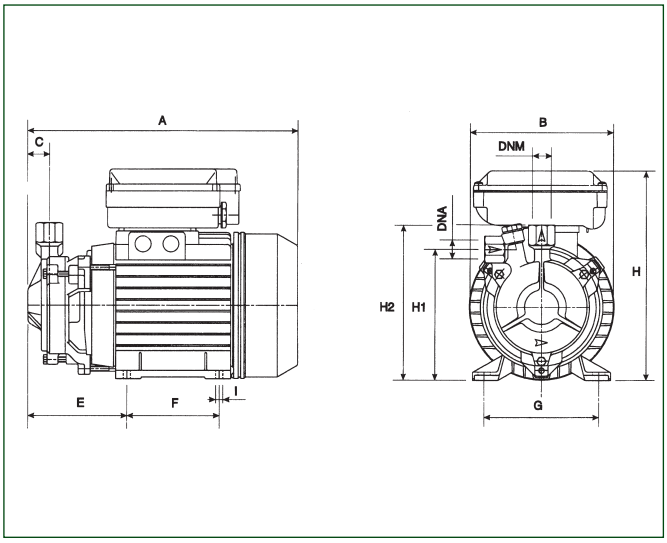
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA							
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,3	0,6	0,9	1,2	1,8	2,4
				kW	HP		µF	Vc	Q=l/min	0	5	10	15	20	30	40
KP 60/6 M	101110280	1 x 230 V ~	0,54	0,37	0,5	2,4	10	450	H (m)	87	57	33	13			
KP 60/6 T	101110290	3 x 230 - 400 V ~	0,52	0,37	0,5	1,8-1	-	-		87	57	33	13			
KP 60/12 M	101110320	1 x 230 V ~	1,15	0,75	1	5,2	20	450		107	91	74	58	43	17	
KP 60/12 T	60145184	3 x 230 - 400 V ~	1,12	0,75	1	3,8-2,2	-	-		107	91	74	58	43	17	

KP 60/6 - 60/12



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	E	F	G	IØ	H	H1	H2	DNA	DNM	PACKAGING DIMENSIONS			WEIGHT KG	Q.TY x PALLET
													L/A	L/B	H		
KP 60/6 M	262	142	21	96	90	112	7	204	127	151	1/2" G	1/2" G	406	267	402	8,2	39
KP 60/6 T	262	142	21	96	90	112	7	173	127	151	1/2" G	1/2" G	406	267	402	7,9	39
KP 60/12 M	262	142	20	96	90	112	7	204	126	161	3/4" G	3/4" G	406	267	402	10,1	39
KP 60/12 T	262	142	20	96	90	112	7	173	126	161	3/4" G	3/4" G	406	267	402	9,90	39

DAB PUMPS reserves the right to make modifications without notice

KE SINGLE IMPELLER

SINGLE IMPELLER CENTRIFUGAL PUMPS WITH INVERTER MCE/P

MCE/P
PAG. 6

CE

DOMESTIC, CIVIL AND INDUSTRIAL WATER SUPPLY



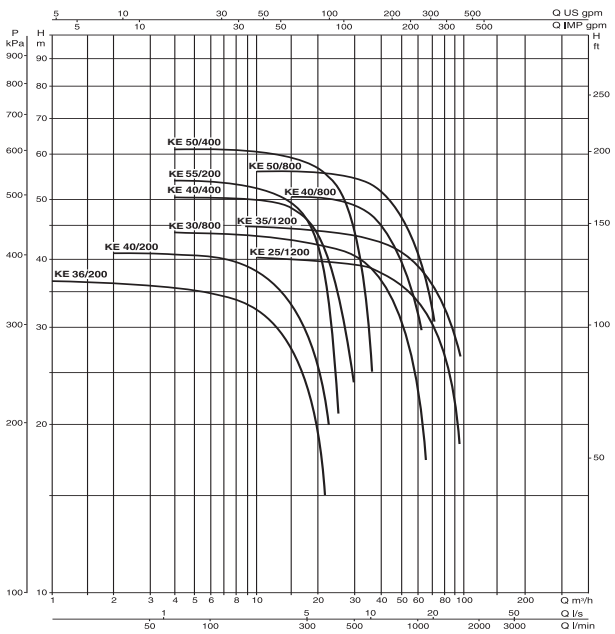
Single impeller centrifugal pump suitable for pressure booster systems and domestic, civil, industrial and agricultural systems.
Particularly versatile thanks to the use of the **MCE/P** inverter, this pump guarantees the automatic adjustment of its performance to the various system requirements, while maintaining constant the differential pressure. Pressure sensor included. Pump body and motor support in cast iron. Technopolymer impeller for the KE 36/200, KE 40/200 and KE 55/200 versions; cast iron impeller for the other pumps. Carbon/ceramic mechanical seal. Asynchronous, closed motor cooled by external ventilation. Motor shaft mounted on generously sized ball bearings to ensure silent running and long life.

Operating range: from 6 to 100 m3/h with head up to 60 meters.
Liquid temperature range:
from -10°C to +50°C for the KE 36/200 and KE 40/200 versions, from -15°C to +110°C for other pumps.
Pumped liquid: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, close to the properties of water.
Installation: normally horizontal or vertical provided the motor is always above the pump.
Maximum ambient temperature: +40°C.
Maximum working pressure:
KE 36/200, KE 40/200, KE 55/200:8 bar (800 kPa)
KE 40/400, KE 50/400, KE 30/800, KE 40/800, KE 50/800, KE 20/1200, KE 25/1200, KE 35/1200: 10 bar (1000 kPa)
Protection rating: IP 44.
Terminal box protection rating: IP 55.
Insulation class: F.

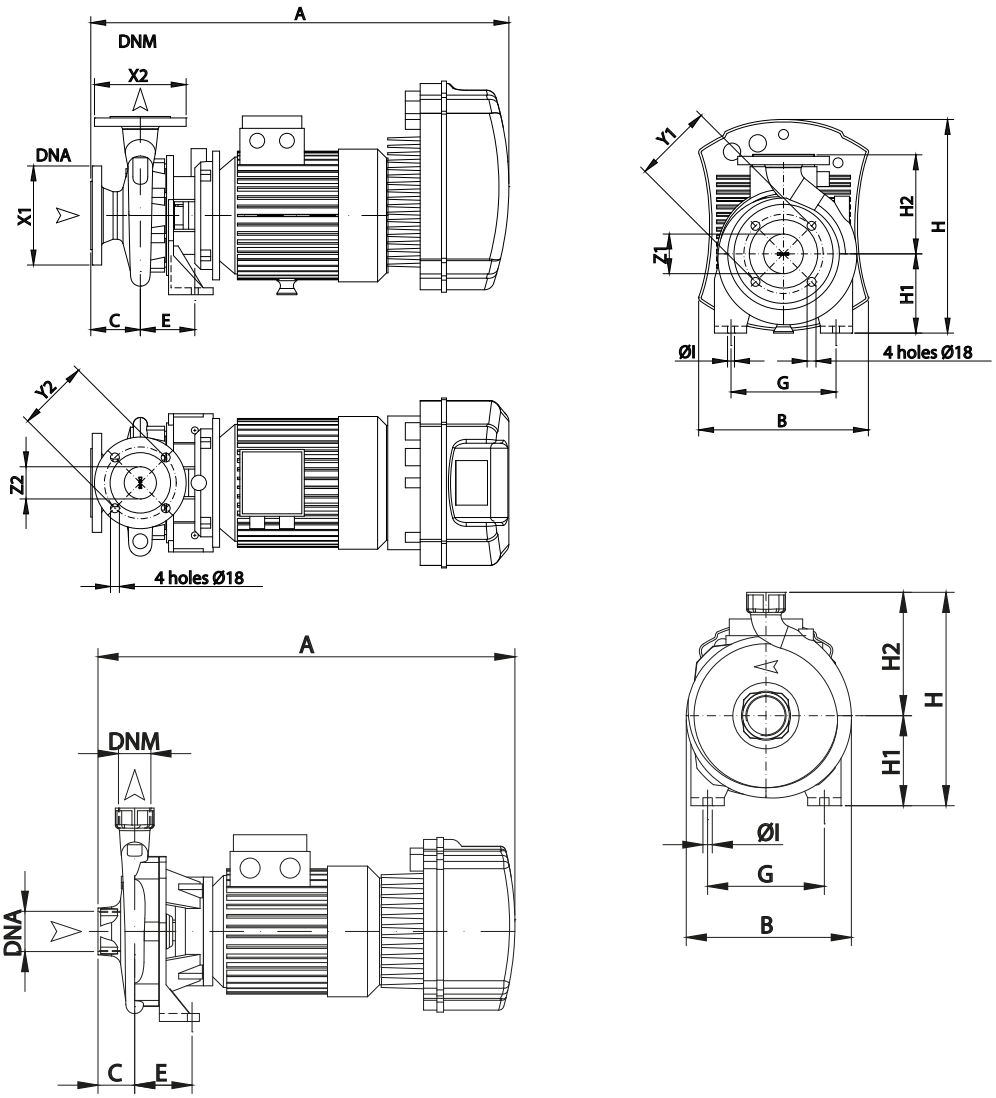
KE SINGLE IMPELLER WITH MCE/P - FOR PRESSURIZATION SYSTEM

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA																	
		VOLTAGE 50 Hz	n.r.p.m.	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m³h	0	4,8	6	7,2	9	9,6	10,8	12	15	18	24	30	36	42	60	72	84	96
								Q=l/min	0	80	100	120	150	160	180	200	250	300	400	500	600	700	1000	1200	1400	1600
KE 36/200 T MCE30/P	60144849	3 x 400V	2895	3,2	2,2	3	6,96	H (m)	36,6	36	35,5	35	34	33,3	32,5	31,5	28	23,5								
KE 40/200 T MCE30/P	60144850	3 x 400V	2924	3,8	3	4	8,93		41,3	41	40,5	40	39	38,8	38	37	33,5	29								
KE 55/200 T MCE55/P	60144851	3 x 400V	2871	5,3	4	5,5	10,90		54		54	53,9	53,2	53	52	51,5	48,5	45								
KE 40/400 T MCE55/P	60144852	3 x 400V	2938	6,7	5,5	7,5	14,67		50,5							49	48	45	37	24						
KE 50/400 T MCE110/P	60144853	3 x 400V	2935	8,9	7,5	10	18,74		62							61	60	59	54,5	46						
KE 30/800 T MCE110/P	60144854	3 x 400V	2936	8,5	7,5	10	18,19		44										42	40	38	35	21,5			
KE 40/800 T MCE110/P	60144855	3 x 400V	2941	10,4	9,2	12,5	21,48		51,5										50	48	47	43,5	32,5	21		
KE 50/800 T MCE110/P	60144856	3 x 400V	2937	13,5	11	15	27,49		58										56,5	55	53,5	51	41	31		
KE 25/1200 T MCE110/P	60144857	3 x 400V	2944	12,0	10	12,5	20,92		40,7										39	38,5	38	37	33,5	30	25	18
KE 35/1200 T MCE110/P	60144858	3 x 400V	2946	11,4	12	15	25,10		45												43	42,5	38,5	35	31,5	27

KE SINGLE IMPELLER



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	E	G	I	H	H1	H2	DNA				DNM				PACKAGING DIMENSIONS			VOLUME m^3	WEIGHT Kg
											X1	Y1	Z1		X2	Y2	Z2	L/A	L/B	H		
KE 36/200 T MCE30/P	625	267	55	86	175	14	357	135	185	G 2"	-	-	-	G 1" ¼	-	-	-	826	430	426	0,151	39,9
KE 40/200 T MCE30/P	625	267	55	86	175	14	357	135	185	G 2"	-	-	-	G 1" ¼	-	-	-	826	430	426	0,151	41,7
KE 55/200 T MCE55/P	625	267	55	86	175	14	357	135	185	G 2"	-	-	-	G 1" ¼	-	-	-	826	430	426	0,151	41,7
KE 40/400 T MCE55/P	768	273	100	110	212	14	360	160	200	-	185	145	65	-	165	125	50	826	430	426	0,151	86,6
KE 50/400 T MCE110/P	818	341	100	110	212	14	428	160	200	-	185	145	65	-	165	125	50	1026	530	546	0,297	91,7
KE 30/800 T MCE110/P	858	341	100	110	212	14	428	160	225	-	200	160	80	-	185	145	65	1026	530	546	0,297	103,1
KE 40/800 T MCE110/P	858	341	100	110	212	14	428	160	225	-	200	160	80	-	185	145	65	1026	530	546	0,297	107,9
KE 50/800 T MCE110/P	858	341	100	110	212	14	428	160	225	-	200	160	80	-	185	145	65	1026	530	546	0,297	117,2
KE 25/1200 T MCE110/P	858	341	100	110	212	14	428	160	225	-	200	160	80	-	185	145	65	1026	530	546	0,297	106,9
KE 35/1200 T MCE110/P	858	341	100	110	212	14	428	160	225	-	200	160	80	-	185	145	65	1026	530	546	0,297	112,9

DAB PUMPS reserves the right to make modifications without notice

KE TWIN IMPELLERS

TWIN IMPELLERS CENTRIFUGAL PUMPS WITH INVERTER MCE/P

MCE/P
PAG. 6



DOMESTIC, CIVIL AND INDUSTRIAL WATER SUPPLY

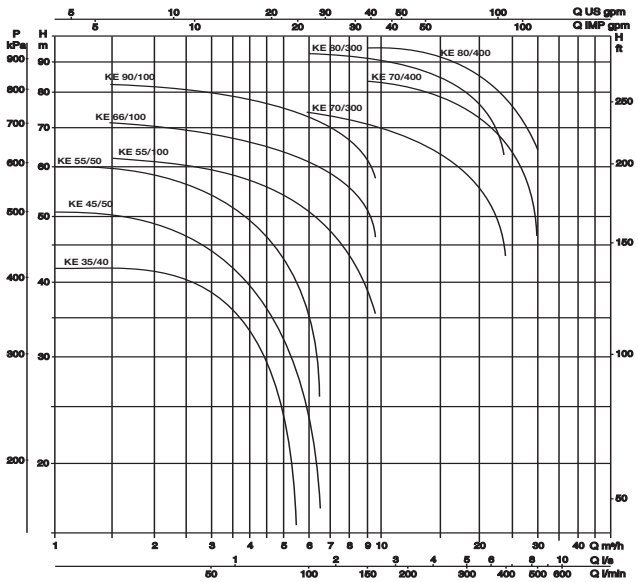
Twin impeller centrifugal pump, suitable for pressure booster systems and domestic, civil, industrial and agricultural systems.
Particularly versatile thanks to the use of the **MCE/P** inverter, this pump guarantees the automatic adjustment of its performance to the various system requirements, while maintaining constant the differential pressure. Pressure sensor included.Pump body and motor support in cast iron. Technopolymer impeller. Carbon/ceramic mechanical seal. Asynchronous, closed motor cooled by external ventilation. Motor shaft mounted on generously sized ball bearings to ensure silent running and long life.

Operating range: from 2 to 30 m3/h with head up to 95 meters.
Liquid temperature range:
from -10 °C to 50 °C: for KE 35/40, KE 45/50, KE 55/100.
from -15 °C to 110 °C: for KE 55/50, K 66/100, K 90/100, K 70/300, K 80/300, K 70/400, K 80/400.
Pumped liquid: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, close to the properties of water.
Installation: normally horizontal or vertical provided the motor is always above the pump.
Maximum ambient temperature: +40°C.
Maximum working pressure:
KE 35/40: 6 bar (600 kPa)
KE 45/50, KE 55/50: 8 bar (800 kPa)
KE 55/100, KE 66/100: 10 bar (1000 kPa)
KE 90/100, KE 70/300, KE 80/300 KE 70/400, KE 80/400: 12 bar (1200 kPa).
Protection rating: IP 44.
Terminal box protection rating: IP 55.
Insulation class: F.

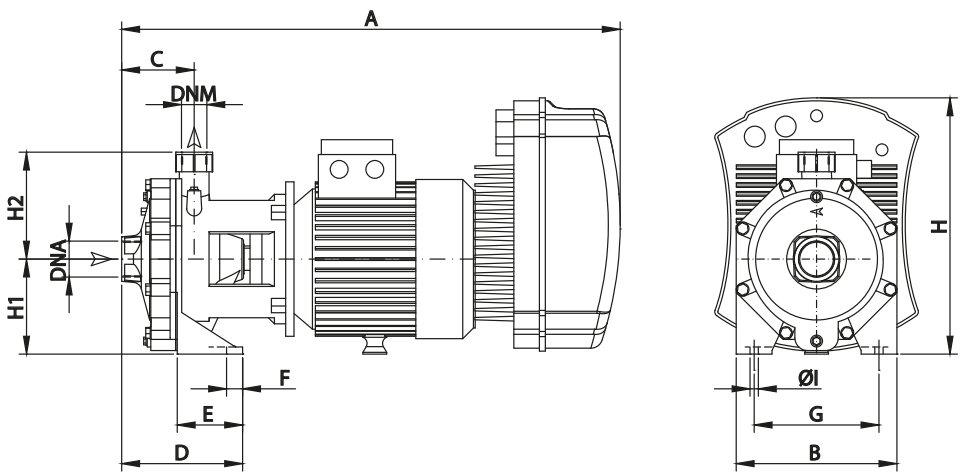
KE TWIN IMPELLERS WITH MCE/P - FOR PRESSURIZATION SYSTEM

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA																	
		VOLTAGE 50 Hz	n.r.p.m.	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	0	1,2	1,8	2,4	3,6	4,8	6	7,2	9	9,6	10,8	12	15	18	24	30
					kW	HP		Q=l/min	0	20	30	40	60	80	100	120	150	160	180	200	250	300	400	500
KE 35/40 M MCE11/P	60147869	1 x 230V	2838	1,3	0,75	1,0	10,3		43,5	41,5	40	38	33	23,5										
KE 45/50 M MCE15/P	60147870	1 x 230V	2866	2	1,6	2,2	14,7		51	49	47,5	46	42	37	30									
KE 55/50 M MCE15/P	60147871	1 x 230V	2828	2,53	1,6	2,2	18,1		62	60	58	57	52	45	34									
KE 55/100 T MCE30/P	60144859	3 x 400V	2929	3,66	2,2	3,0	8,93		62			59,5	57	54,5	51	47	39	36						
KE 66/100 T MCE30/P	60144860	3 x 400V	2878	4,32	3,0	4,0	9,64	H (m)	73			70	67,5	64	60,5	57	49	47						
KE 90/100 T MCE55/P	60144861	3 x 400V	2871	5,23	3,0	4,0	10,8		83,5			82	79,5	76,5	72,5	68	61	58						
KE 70/300 T MCE55/P	60144862	3 x 400V	2934	6,73	5,5	7,5	14,1		76						74	73	72	71,5	70	69	65	60,5	43,5	
KE 80/300 T MCE110/P	60144863	3 x 400V	2926	9,83	7,5	10,0	19,4		95						93	92,2	91	90,5	90	89,5	87	82	68	
KE 70/400 T MCE110/P	60144864	3 x 400V	2948	9,57	9,2	12,5	20,4		86								84	83,2	82,5	82	79	76	65	47
KE 80/400 T MCE110/P	60144865	3 x 400V	2953	11,2	11,0	15,0	22,7		97									95	94,5	94	92	89	80	64

KE TWIN IMPELLERS



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E	F	G	I	H	H1	H2	DNA	DNM	PACKAGING DIMENSIONS			VOLUME m^3	WEIGHT Kg
														L/A	L/B	H		
KE 35/40 M MCE11/P	563	200	76	148	72	15	148	9,5	271	100	135	G 1"	G 1"	826	430	426	0,151	20,5
KE 45/50 M MCE15/P	570	210	75	144	69	15	165	11,5	289	118	150	G 1" ¼	G 1"	826	430	426	0,151	27,7
KE 55/50 M MCE15/P	570	210	75	144	69	15	165	11,5	289	118	150	G 1" ¼	G 1"	826	430	426	0,151	28,2
KE 55/100 T MCE30/P	650	267	88	160	72	18	200	14	362	140	172,5	G 1" ½	G 1"	826	430	426	0,151	44,9
KE 66/100 T MCE30/P	650	267	88	160	72	18	200	14	362	140	172,5	G 1" ½	G 1"	826	430	426	0,151	47,5
KE 90/100 T MCE55/P	650	267	88	160	72	18	200	14	362	140	172,5	G 1" ½	G 1"	826	430	426	0,151	50,8
KE 70/300 T MCE55/P	803	270	122	182	60	20	210	14	382	160	180	G 2"	G 1" ¼	1026	530	546	0,297	79,8
KE 80/300 T MCE110/P	853	341	122	182	60	20	210	14	382	160	180	G 2"	G 1" ¼	1026	530	546	0,297	86,6
KE 70/400 T MCE110/P	893	341	122	182	60	20	210	14	382	160	180	G 2"	G 1" ¼	1026	530	546	0,297	86,9
KE 80/400 T MCE110/P	893	341	122	182	60	20	210	14	382	160	180	G 2"	G 1" ¼	1026	530	546	0,297	90,9

DAB PUMPS reserves the right to make modifications without notice

NKM-GE / NKP-GE WITH MCE/P

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

MCE/P
PAG. 6

PRESSURIZZATION



ENERGY EFFICIENCY IE2

Enbloc electric centrifugal pumps with coupling, designed for a wide range of applications such as:

- homes;
- apartment blocks;
- camp sites;
- swimming pools;
- farms;
- well water supply;
- irrigation for greenhouses, gardens, agriculture;
- re-use of rainwater;
- industrial systems.

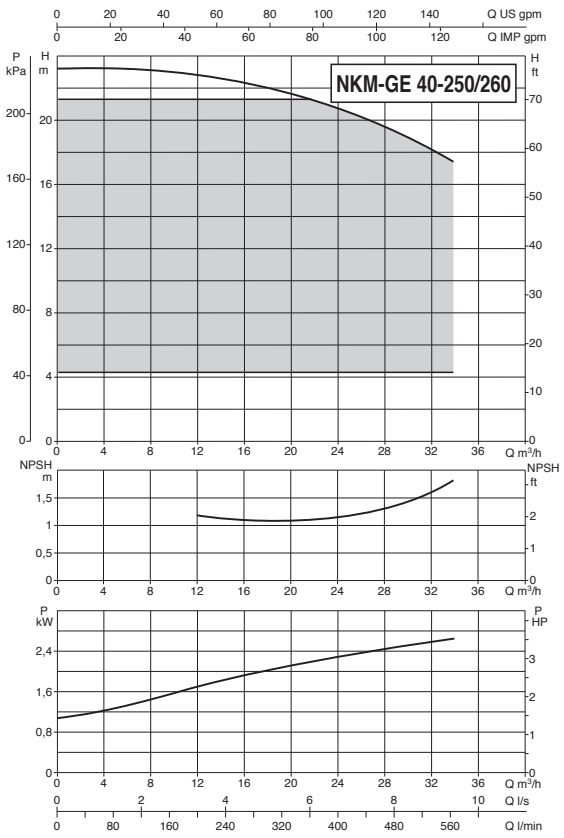
Highly versatile pumps thanks to the use of the **MCE/P** inverter, to guarantee performance able to automatically adapt to the various system requirements, while maintaining constant pressure. Spiral single-stage body in cast iron according to DIN-EN 733 (ex DIN 24255), cast iron support, flanges according to DIN 2533 and DIN 2532 for DN 200. Cast iron impeller, sealed and dynamically balanced with compensation of the axial thrust via balancing holes, operating (on request) on interchangeable wear rings. Pump shaft in AISI 304 stainless steel. Seal: standardised mechanical seal according to DIN 24960 in carbon/silicon carbide with O-rings in EPDM. Asynchronous, closed motor cooled by external ventilation, construction design B3/B5, 2-pole for NKPGE and 4-pole for NKM-GE.
Rotor mounted on generously sized ball bearings to ensure silent and durable operation.
Speed of rotation: 1450 - 2900 1/min.
Operating range: from 1 a 360 m^3/h head up to 72 metri.
Liquid temp. range: from -10°C to +140°C.
Pumped liquid: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral and close to the characteristics of water. **Installation:** normally horizontal or vertical provided the motor is always above the pump.
Max. ambient temperature: +40°C
Maximum operating pressure: 16 bar - 1600 kPa (for DN 200 max. 10 bar).
Protection rating: IP 55
Insulation class: F
Flanging: PN 16 DIN 2533
Special versions on request:
Pumps for liquids other than water.
Other voltages and/or frequencies.
Inverter modulation with 0-10V signal

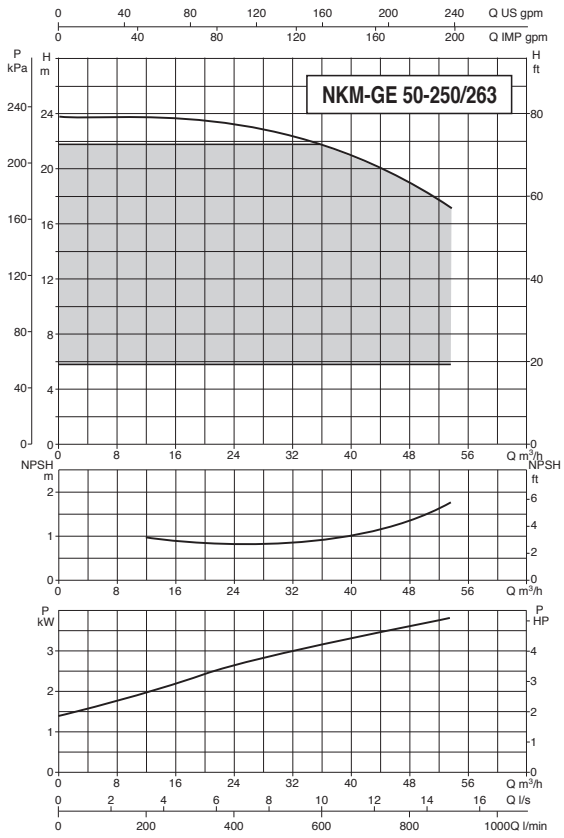
ACCESSORIES
PAG. 443

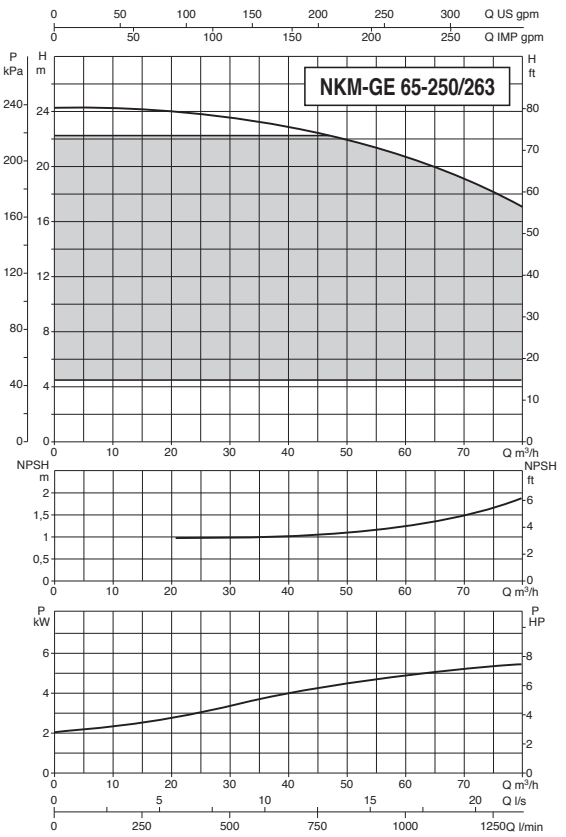
NKM-GE 4 POLES WITH MCE/P - FOR PRESSURIZATION SYSTEM

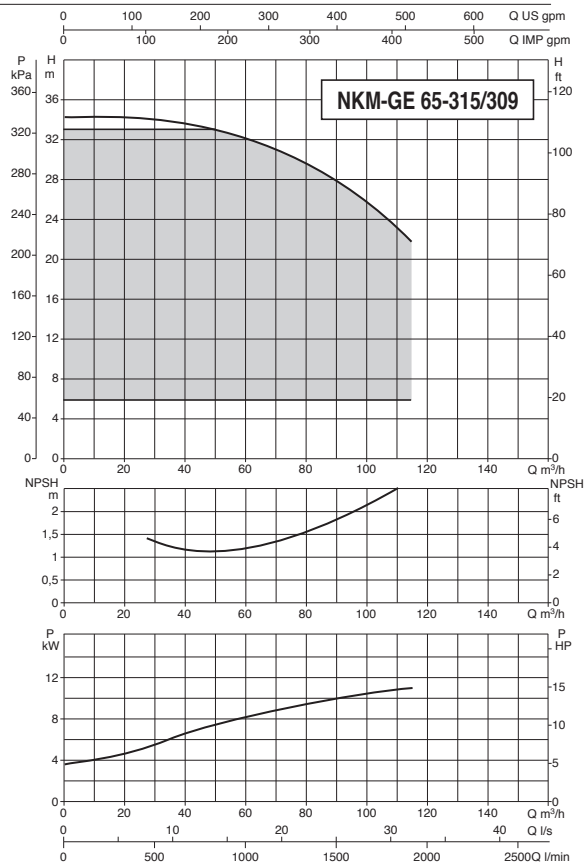
MODEL	CODE	ELECTRICAL DATA				Q	HYDRAULIC DATA																															
		VOLTAGE 50 Hz	P2 NOMIN. kW	P2 NOMIN. HP	In A	(m3/h) (l/min)	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240	270	300	330	360						
							0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000	4500	5000	5500	6000						
NKM-GE 40-250/245/A/ BAQE/ 2,2 /4 MCE30/P	60147766	3x400 V	2,2	3,0	6,6		20.6	20.5	20.1	19.2	17.8	16																										
NKM-GE40-250/260/A/ BAQE/ 3 /4 MCE30/P	60147767	3x400 V	3,0	4,0	7,9		23.3	23.1	22.8	22.2	20.8	19																										
NKM-GE50-250/263/A/ BAQE/ 4/4 MCE55/P	60147768	3x400 V	4,0	5,5	10,0		23.8		23.8	23.8	23.4	22.7	21.6	20.4	19	17.1																						
NKM-GE65-250/263/A/ BAQE/ 5,5 /4MCE55/P	60147769	3x400 V	5,5	7,5	13,4		24.1				23.8	23.6	23.3	22.8	22.3	21.5	20.8	19.7	18.6	17.3																		
NKM-GE65-315/279/A/ BAQE/ 7,5 /4MCE110/P	60147770	3x400 V	7,5	10,0	17,9		27						26	25.5	25	24.5	23.6	22.7	21.5	20.2	19																		
NKM-GE65-315/309/A/ BAQE/11/4 MCE150/P	60147771	3x400 V	11,0	15,0	27,2		34.2							33.2	33	32.5	32	31.5	30.7	29.8	29	28	25	21.7														
NKM-GE80-250/240/A/ BAQE/7,5/4MCE110/P	60147772	3x400 V	7,5	10,0	17,9		20.4							20.3	20.3	20.2	20.1	20	19.9	19.8	19.5	19	18	16.7	16													
NKM-GE80-250/270/A/ BAQE/11/4 MCE150/P	60147773	3x400 V	11,0	15,0	27,2		25.6							25.5	25.5	25.4	25.1	25	24.8	24.6	24.2	24	23	21.5	21													
NKM-GE80-315/305/A/ BAQE/15/4 MCE150/P	60147774	3x400 V	15,0	20,0	36,5		32.9									32.7	32.6	32.6	32.5	32.4	32	31.6	30.5	29.5	28.9	24												
NKM-GE100-250/250/A/ BAQE/11/4 MCE150/P	60147775	3x400 V	11,0	15,0	27,2		21.1										21	21	21	21	21	21	20.9	20	19.8	18	16												
NKM-GE100-250/270/A/ BAQE/15/4MCE150/P	60147776	3x400 V	15,0	20,0	36,5		25.5										25.5	25.5	25.5	25.3	25.1	25.1	25	24.5	24	22.5	20.5	17.5										
NKM-GE125-250/243/A/ BAQE/15 /4 MCE150/P	60147777	3x400 V	15,0	20,0	36,5		19.5																19.3	19.3	19.2	19.2	18.7	17.8	16.8	15.5	14.1	12.5	10.9						

H (m)





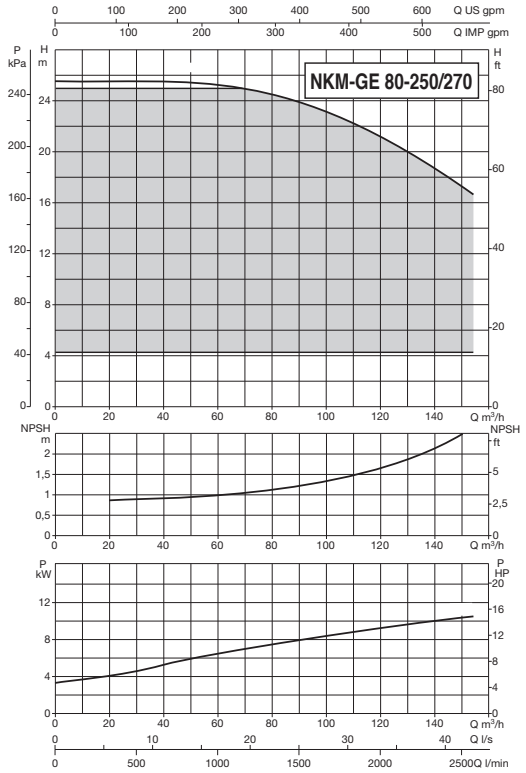


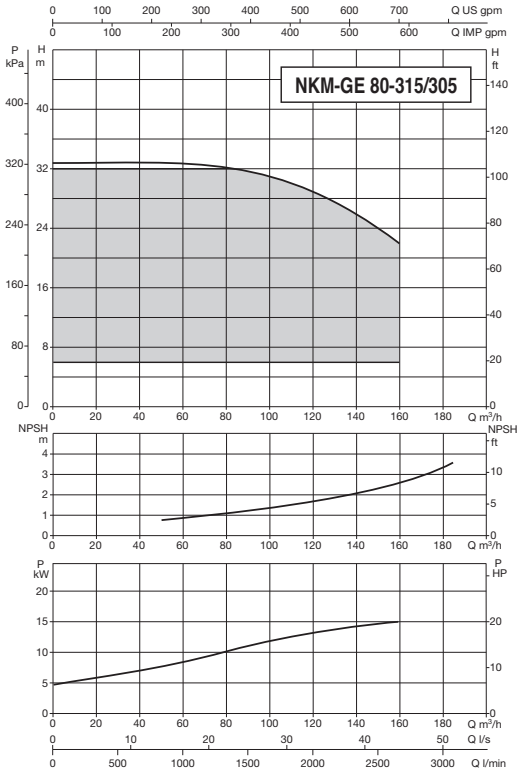


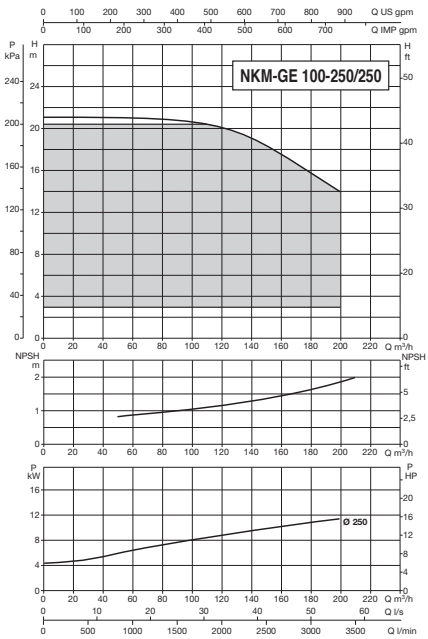
The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

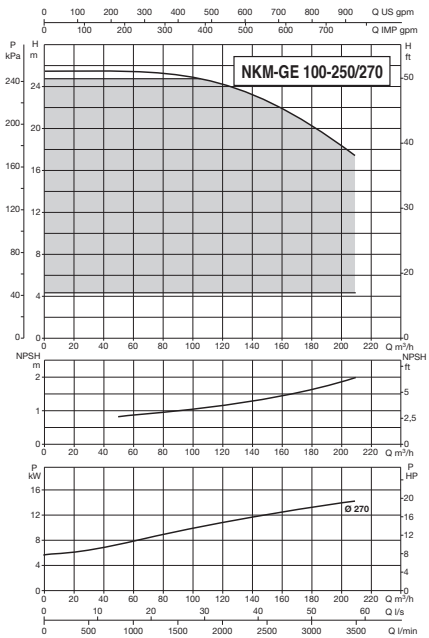
NKM-GE MCE/P

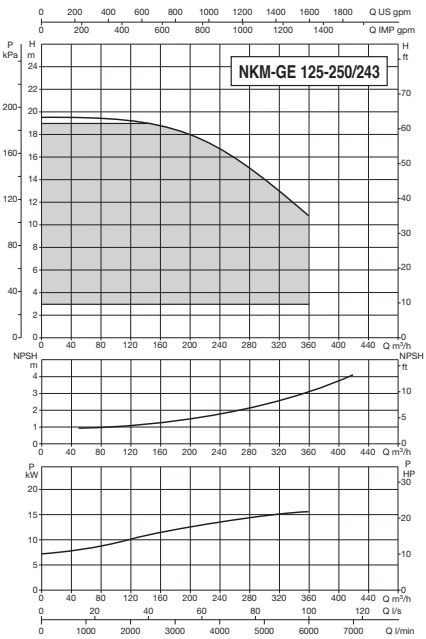
ENBLOC ELECTRONIC CENTRIFUGAL PUMPS WITH INVERTER





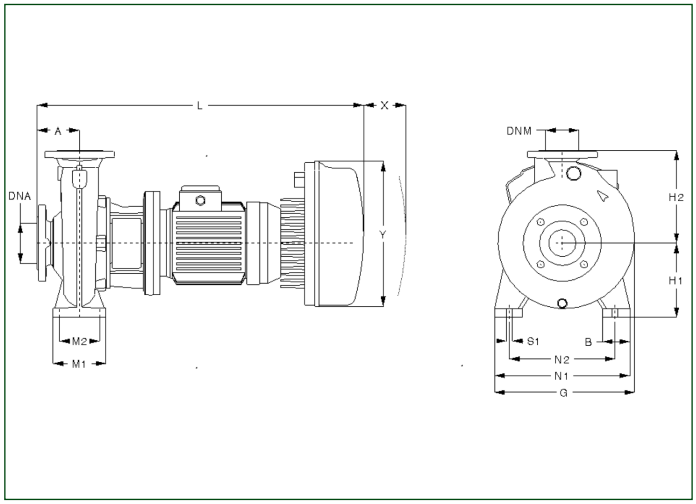


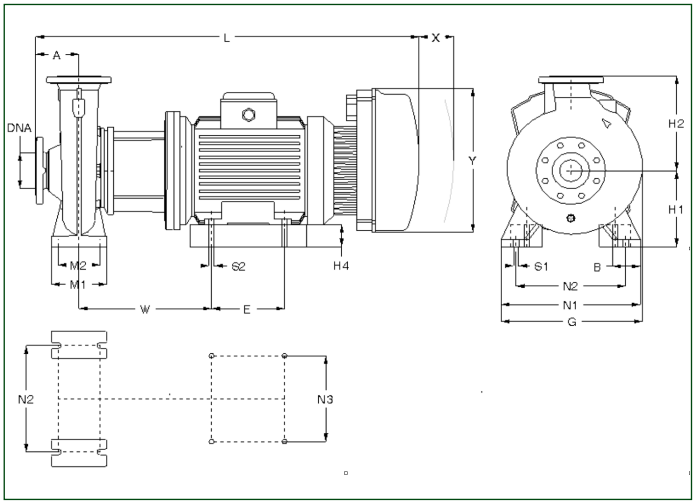




The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

DIMENSIONS AND WEIGHTS - NKM-GE 4 POLES WITH MCE/P



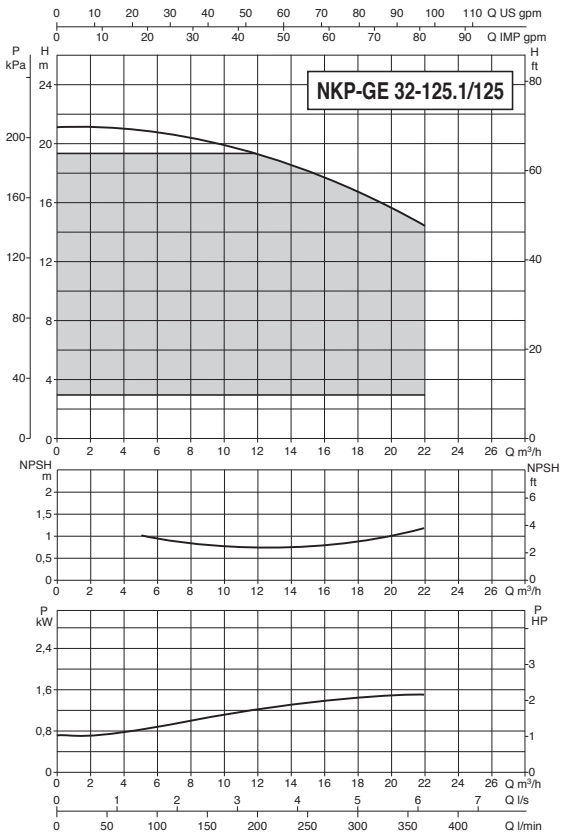


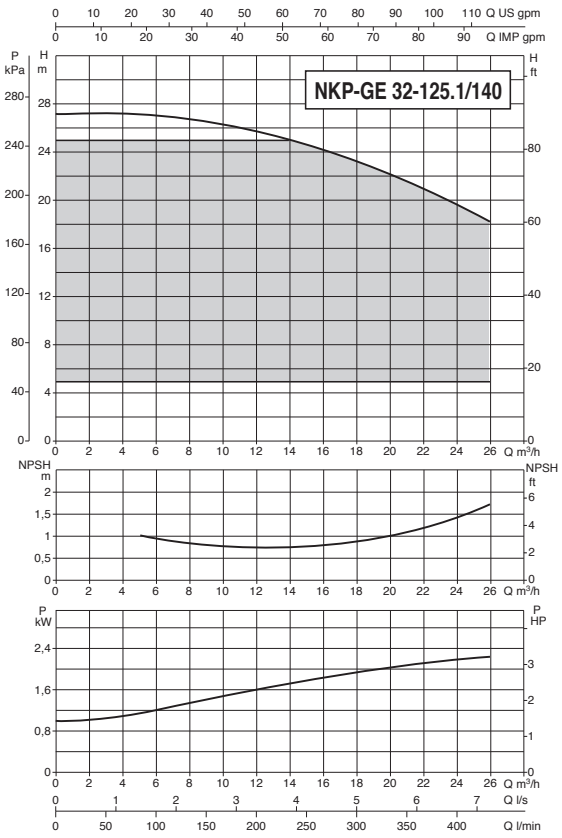
MODEL	A	B	E	G	H1	H2	H4	L	M1	M2	N1	N2	N3	S1	S2	W	X	Y	MECHANICAL SEAL Ø mm	DNA	DNM	PACKAGING DIMENSIONS L/A	PACKAGING DIMENSIONS L/B	PACKAGING DIMENSIONS H	VOLUME m^3	WEIGHT Kg
NKM-GE 40-250/245/A/ BAQE/2,2/4 T MCE30/P	100	65		336	180	225		799	125	95	320	250		M10			100	353	28	65	40	826	430	426	0,15	89
NKM-GE 40-250/260/A/ BAQE/3/4 T MCE30/P	100	65		336	180	225		799	125	95	320	250		M10			100	353	28	65	40	826	430	426	0,15	98
NKM-GE 50-250/263/A/ BAQE/4/4 T MCE30/P	100	65		343	180	225		814	125	95	320	250		M10			100	353	28	65	50	826	430	426	0,15	105
NKM-GE 65-250/263/A/ BAQE/5,5/4 T MCE55/P	100	80		370	200	250		933	160	120	360	280		M14			140	353	38	80	65	1026	530	546	0,30	168
NKM-GE 65-315/279/A/ BAQE/7,5/4 T MCE110/P	125	80		429	225	280		1048	160	120	400	315		M14			140	426	38	80	65	1386	526	676	0,49	195
NKM-GE 65-315/309/A/ BAQE/11/4 T MCE110/P	125	80	210	429	225	280	65	1153	160	120	400	315	254	M14	M12	402	140	426	38	80	65	1386	526	676	0,49	263
NKM-GE 80-250/240/A/ BAQE/7,5/4 T MCE110/P	125	80		410	200	280		1048	160	120	400	315		M14			140	426	38	100	80	1386	526	676	0,49	185
NKM-GE 80-250/270/A/ BAQE/11/4 T MCE110/P	125	80	210	410	200	280	40	1153	160	120	400	315	254	M14	M12	381	140	426	38	100	80	1386	526	676	0,49	237
NKM-GE 80-315/305/A/ BAQE/15/4 T MCE150/P	125	80	254	460	250	315	90	1208	160	120	400	315	254	M14	M12	402	140	426	38	100	80	1386	526	676	0,49	294
NKM-GE 100-250/250/A/ BAQE/11/4 T MCE110/P	140	80	210	424	225	280	65	1168	160	120	400	315	254	M14	M12	381	140	426	38	125	100	1386	526	676	0,49	245
NKM-GE 100-250/270/A/ BAQE/15/4 T MCE150/P	140	80	254	424	225	280	65	1223	160	120	400	315	254	M14	M12	381	140	426	38	125	100	1386	526	676	0,49	268
NKM-GE 125-250/243/A/ BAQE/15/4 T MCE150/P	140	80	254	472	250	355	90	1223	160	120	400	315	254	M14	M12	381	140	426	38	150	125	1386	526	676	0,49	305

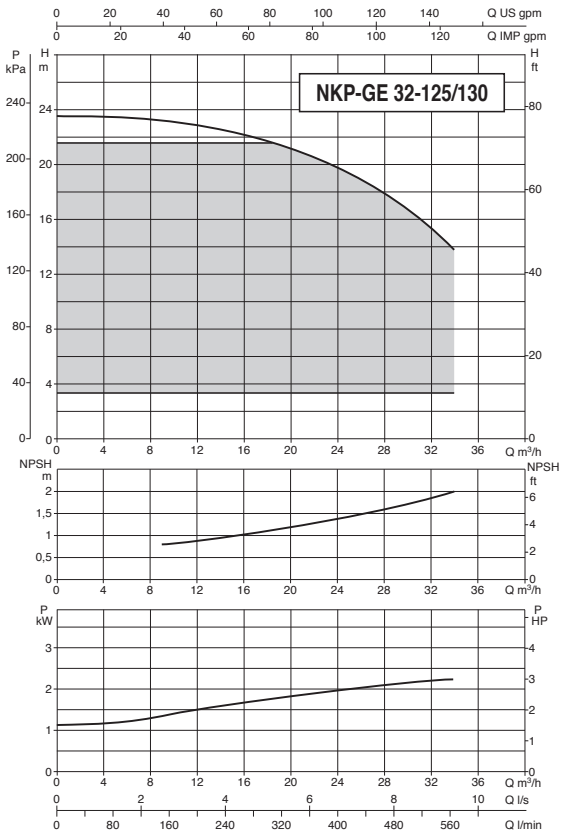
DAB PUMPS reserves the right to make modifications without notice

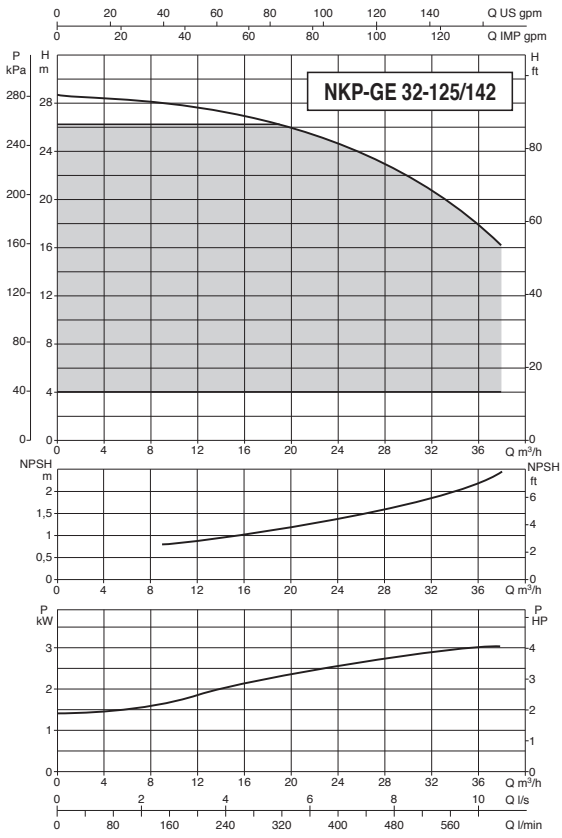
NKP-GE 2 POLES WITH MCE/P - FOR PRESSURIZATION SYSTEM

MODEL	CODE	ELECTRICAL DATA				Q	HYDRAULIC DATA																							
		VOLTAGE 50 Hz	P2 NOMIN. kW	P2 NOMIN. HP	In A	(m3/h)	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210
						(l/min)	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500
NKP-GE32-125.1/125/A/BAQE /1.5/2 MCE22/P	60147778	1 x 230V	2	2,0	13,42		21	20.8	19	16.8																				
NKP-GE 32-125.1/140/A/BAQE/2.2/2 MCE22/P	60147779	1 x 230V	2,2	3,0	18,47		27	26.9	25.9	23	19.5																			
NKP-GE 32-125/130/A/BAQE / 2.2 /2 MCE22/P	60147780	1 x 230V	2,2	3,0	18,55		23.6	23.1	23	21.6	19.6	16.8																		
NKP-GE 32-125/142/A/BAQE / 3 /2 MCE30/P	60147781	3 x 400V	3,0	4,0	6,98		28.6	28	27.6	26.5	24.6	21.8	17.9																	
NKP-GE 32-160.1 155/A/BAQE/2.2/2 MCE22/P	60147782	1 x 230V	2,2	3,0	19,42		29.2	29	26.5	20.5																				
NKP-GE 32-160.1 166/A/BAQE /3/2 MCE30/P	60147783	3 x 400V	3,0	4,0	6,68		35.3	35	33	28																				
NKP-GE 32-160/151/A/BAQE/3/2 MCE30/P	60147784	3 x 400V	3,0	4,0	7,09		30.5	30	29	27	24	19.5																		
NKP-GE 32-160/163/A/BAQE /4/2 MCE55/P	60147785	3 x 400V	4,0	5,5	9,83		36.2	36	35	33.5	30.5	27	22																	
NKP-GE 32-160/177/A/BAQE /5,5/2MCE55/P	60147786	3 x 400V	5,5	7,5	12,68		43.5	43.2	42.6	41.5	39	36	31.5	25.5																
NKP-GE 32-200.1 188/A/BAQE/5,5/2 MCE55/P	60147787	3 x 400V	5,5	7,5	9,10		45.3	44.4	40.8	34.4	26.8																			
NKP-GE32-200.1 205/A/BAQE/4/2 MCE55/P	60147788	3 x 400V	4,0	5,5	11,44		56.6	55.7	52	45.8	36.2																			
NKP-GE 32-200/190/A/BAQE/5.5 /2MCE55/P	60147789	3 x 400V	5,5	7,5	12,35		46.9	46.5	45	43	40	35	29																	
NKP-GE 32-200/210/A/BAQE/7.5 /2MCE110/P	60147790	3 x 400V	7,5	10,0	17,02		58.8	58	57	56	53	49	44																	
NKP-GE 40-125/120/A/BAQE/2.2/2MCE22/P	60147791	1 x 230V	2,2	3,0	20,62		19	18.7	18.4	17.8	17	15.9	14.6	13	11															
NKP-GE 40-125/130/A/BAQE/3/2 MCE30/P	60147792	3 x 400V	3,0	4,0	7,23		22.8	22.5	22.3	22	21.2	20.2	19	17.4	15.5	13.5														
NKP-GE 40-125/139/A/BAQE/4/2 MCE55/P	60147793	3 x 400V	4,0	5,5	9,64		26.4	26.2	26	25.6	25	24	23	21.5	19.5	17.5	15													
NKP-GE 40-160/158/A/BAQE/5,5/2MCE55/P	60147794	3 x 400V	5,5	7,5	12,44	H (m)	33.7			34	33.4	32.4	31	29.5	27	24														
NKP-GE40-160/172/A/BAQE/7,5/2MCE110/P	60147795	3 x 400V	7,5	10,0	17,19		40.7			40.2	40.1	39.8	38.5	37.5	35.5	33	30	26.5												
NKP-GE 40-200/210/A/BAQE/11/2 MCE150/P	60147796	3 x 400V	11,0	15,0	24,87		57.1	57	57	56.8	56.5	56	55	53	50	47	43.5	39												
NKP-GE40-250/230/A/BAQE/15/2 MCE150/P	60147797	3 x 400V	15,0	20,0	34,64		72.5			72.5	72	70	68	66	62.5	60	56	51.5												
NKP-GE 50-125/125/A/BAQE/4/2 MCE55/P	60147798	3 x 400V	4,0	5,5	9,78		20.5				20	19.5	19.1	18.5	18	17.5	16.5	15.8	14.8	14	12.5	11.5								
NKP-GE50-125/135/A/BAQE/5,5 /2 MCE55/P	60147799	3 x 400V	5,5	7,5	12,60		24				23.6	23.5	23.2	22.8	22.2	21.5	21	20	19.1	18.5	17.5	16.5	13.4							
NKP-GE50-125/144/A/BAQE/7,5/2MCE110/P	60147800	3 x 400V	7,5	10,0	16,13		28				27.8	27.5	27.3	27	26.5	25.8	25.3	24.5	23.5	23	21.5	20.5	18	15.5						
NKP-GE50-160/153/A/BAQE/7.5/2MCE110/P	60147801	3 x 400V	7,5	10,0	17,38		31.9				31.5	31.5	31.5	31.2	31	30.5	29.5	28.5	27.5	26	25	23.5								
NKP-GE50-160/169/A/BAQE/11/2 MCE150/P	60147802	3 x 400V	11,0	15,0	24,03		39.6					39.5	39.3	39.1	39	38.5	38	37.2	36.5	35	34	32.5								
NKP-GE 50-200/200/A/BAQE /15/2 MCE150/P	60147803	3 x 400V	15,0	20,0	32,53		55.1					54.7	54.6	54	53.5	52	51	49	47.5	45.5	43	41								
NKP-GE 65-125/127/A/BAQE/5,5/2MCE55/P	60147804	3 x 400V	5,5	7,5	12,81		19.5						19	18.9	18.7	18.4	18.1	17.5	17.2	16.9	16.5	15.8	14.5	13	12					
NKP-GE65-125/137/A/BAQE/7,5/2MCE110/P	60147805	3 x 400V	7,5	10,0	17,43		23.5						23.1	23	22.8	22.6	22.5	22	21.6	21.1	20.7	20.2	19	17.5	14.8	12				
NKP-GE65-160/157/A/BAQE/11/2MCE150/P	60147806	3 x 400V	11,0	15,0	23,44		32.5								32.3	32	31.9	31.3	30.2	30	29.2	28.7	27	24.8	23.6					
NKP-GE65-160/173/A/BAQE/15/2MCE150/P	60147807	3 x 400V	15,0	20,0	33,47		40.1								39.7	39.6	39.5	39.5	39	38.5	38.2	37.5	36	34.5	33.5	26.9				
NKP-GE80-160/147-127/A/BAQE/11/2MCE150/P	60147808	3 x 400V	11,0	15,0	24,09		24															22	21.4	20.4	20	17.4	16.8	12		
NKP-GE 80-160/153/A/BAQE/15/2 MCE150/P	60147809	3 x 400V	15,0	20,0	32,60		30.5															29	28.4	27.5	27	24.5	21.3	18.3		





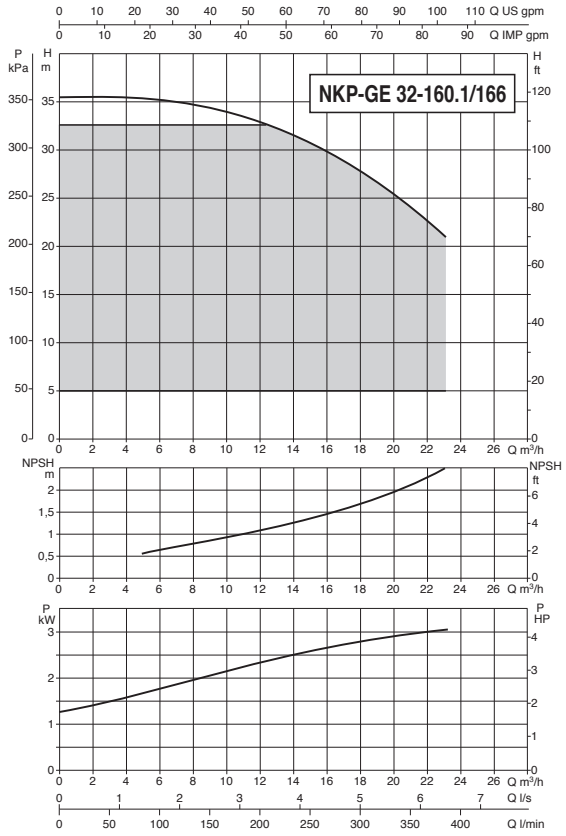


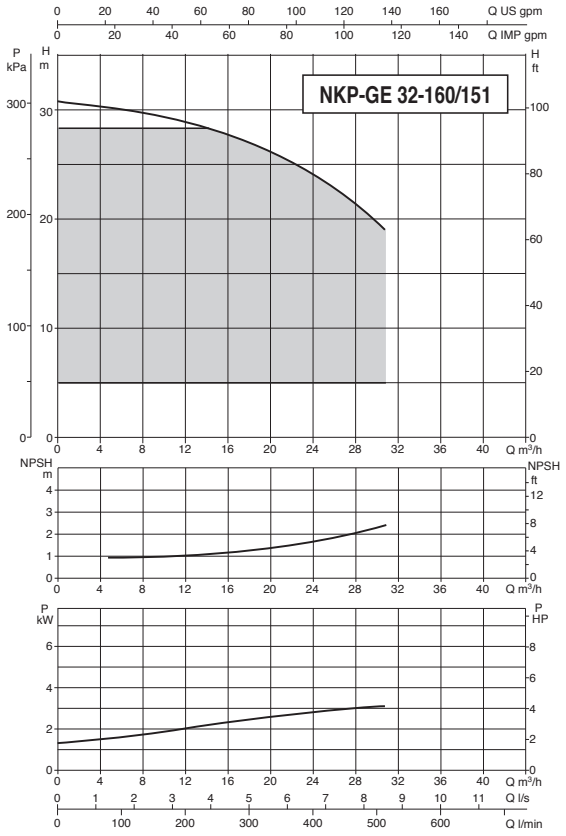


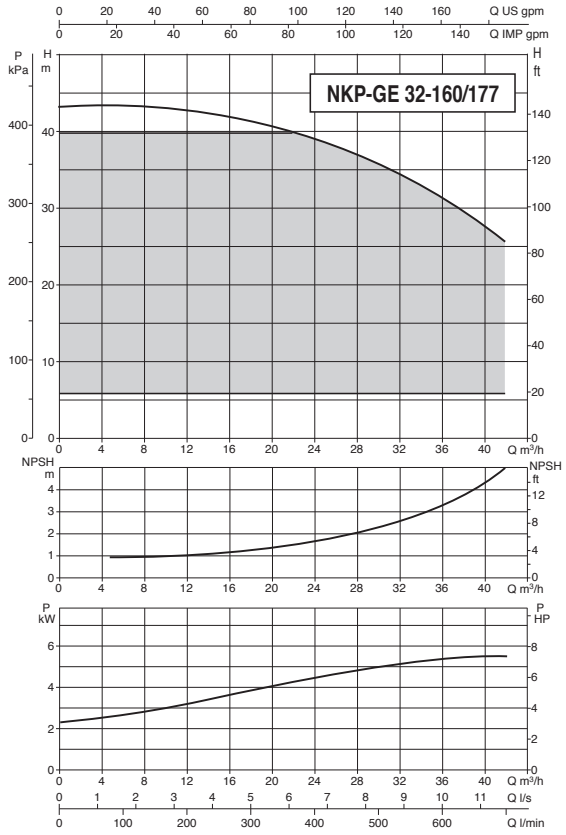
The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

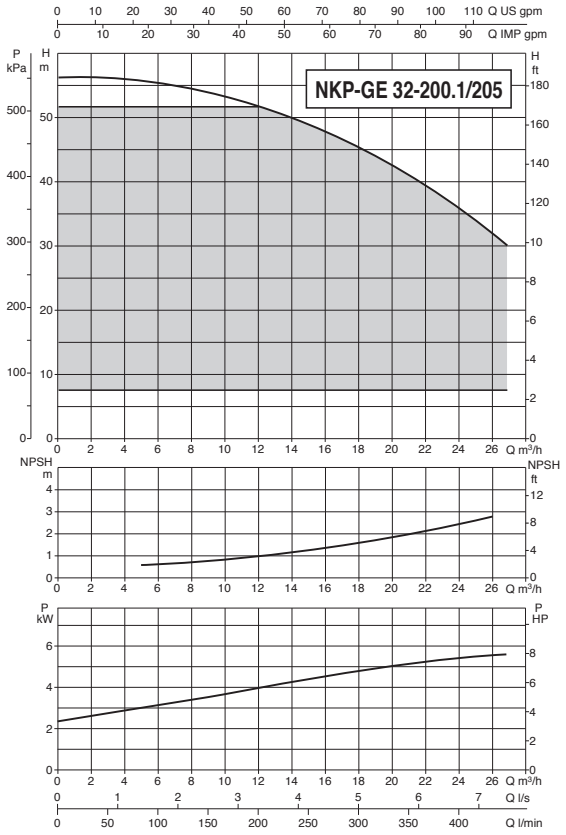
NKP-GE MCE/P

ENBLOC ELECTRONIC CENTRIFUGAL PUMPS WITH INVERTER

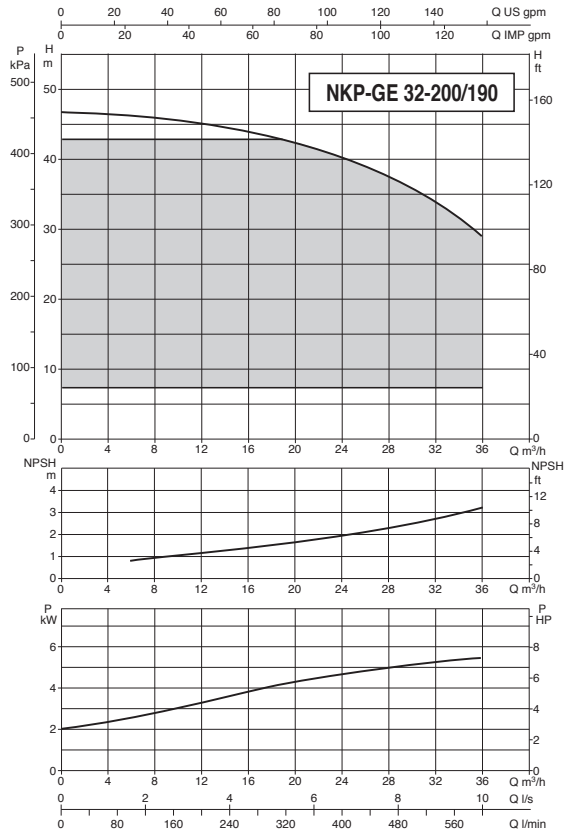


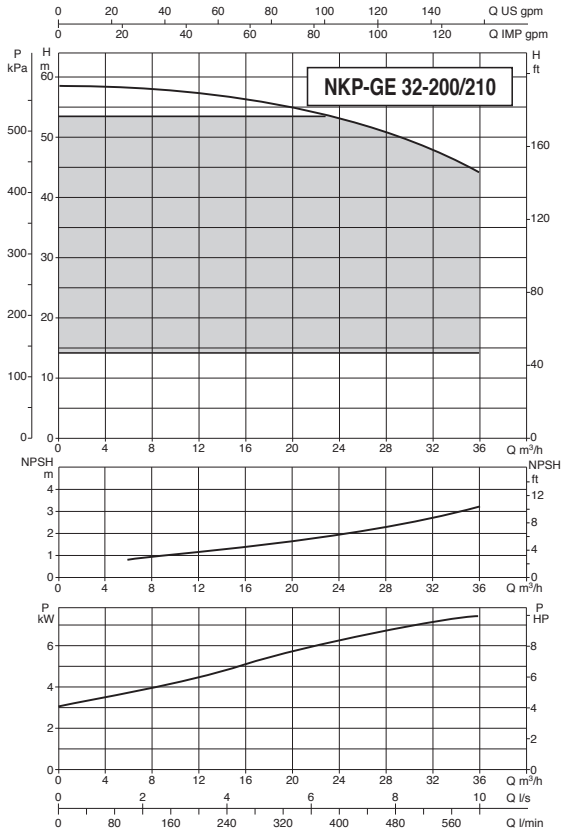


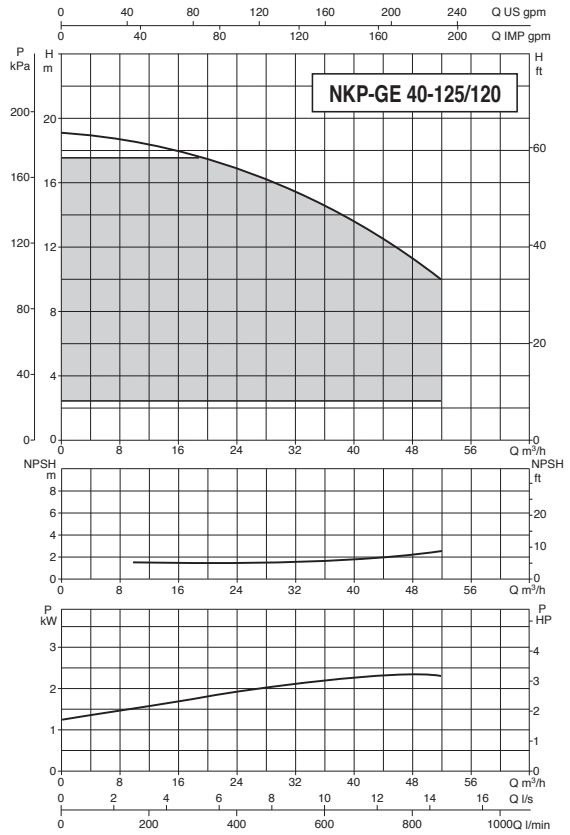


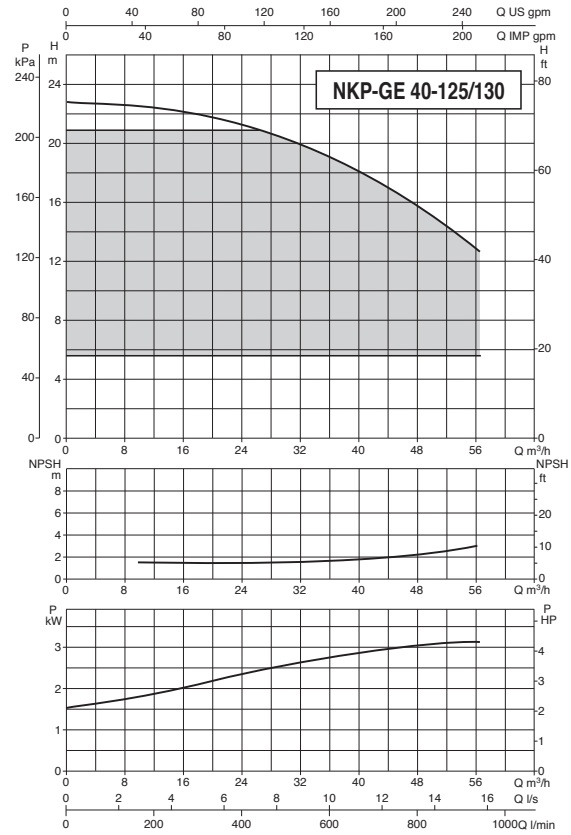


The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.





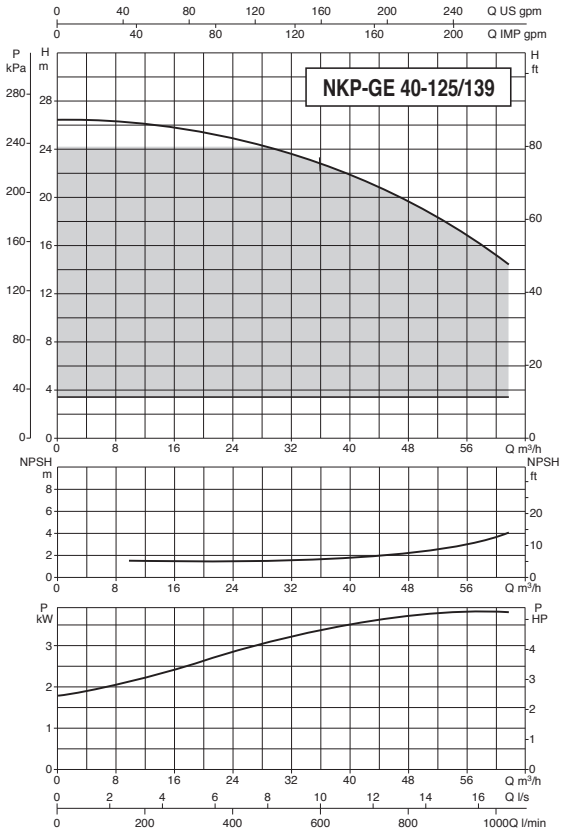


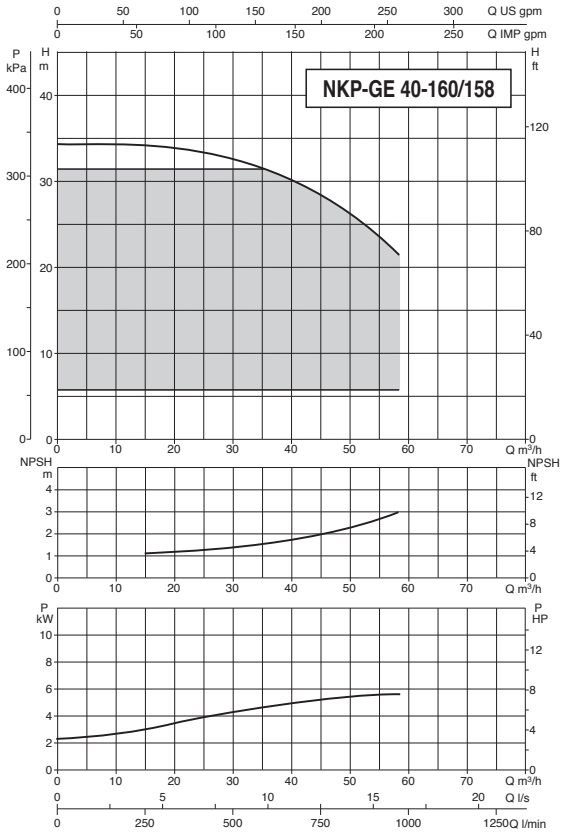


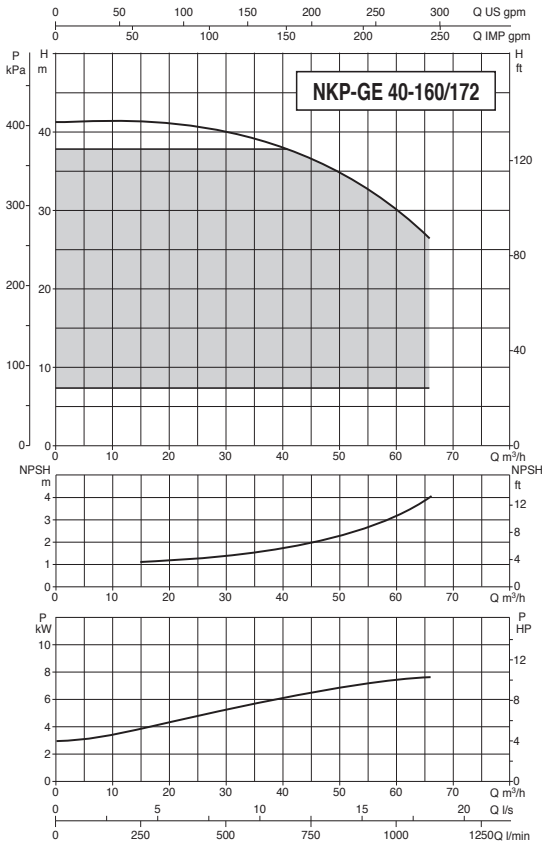
The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

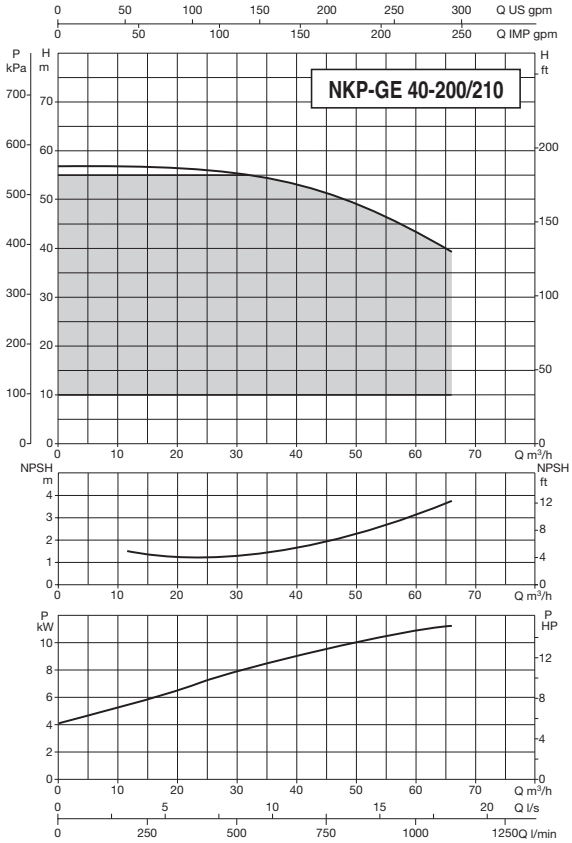
NKP-GE MCE/P

ENBLOC ELECTRONIC CENTRIFUGAL PUMPS WITH INVERTER





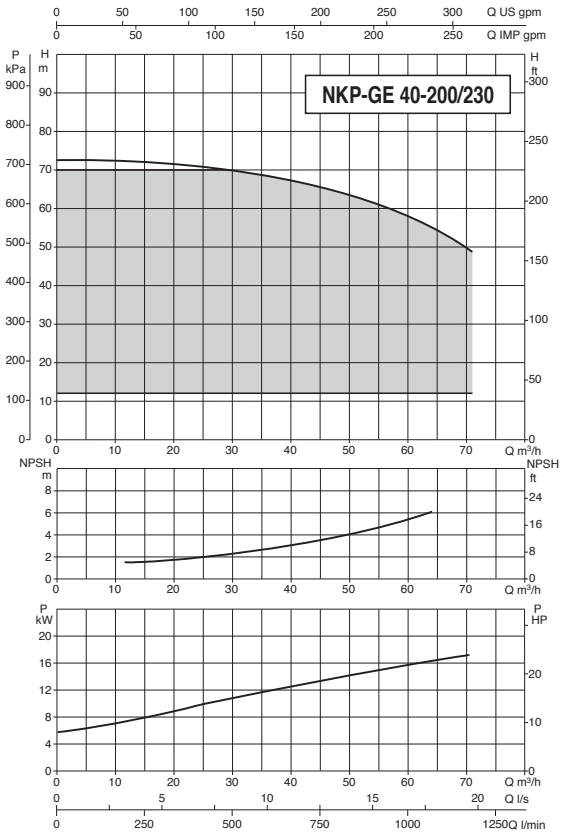


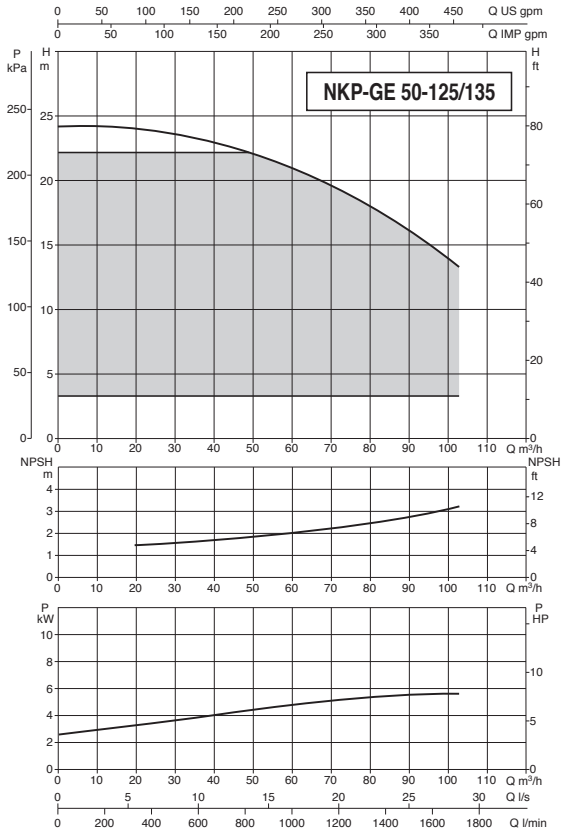


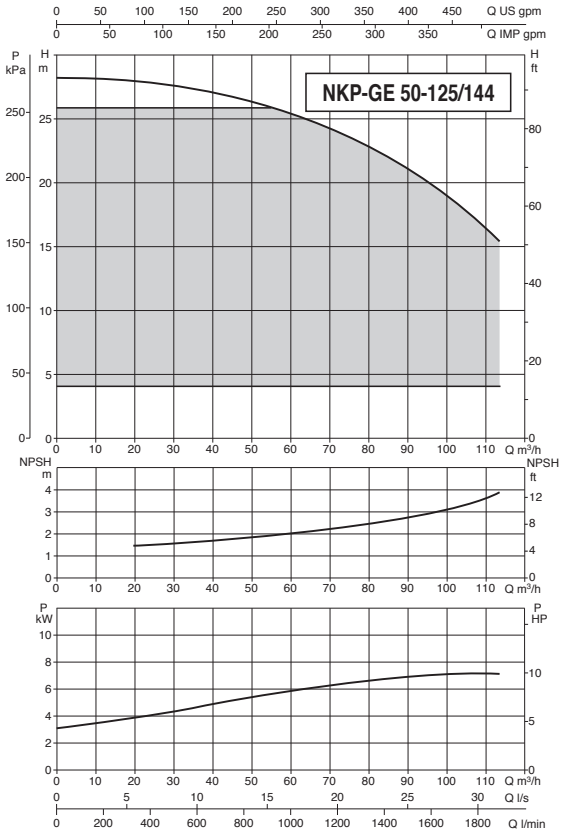
The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

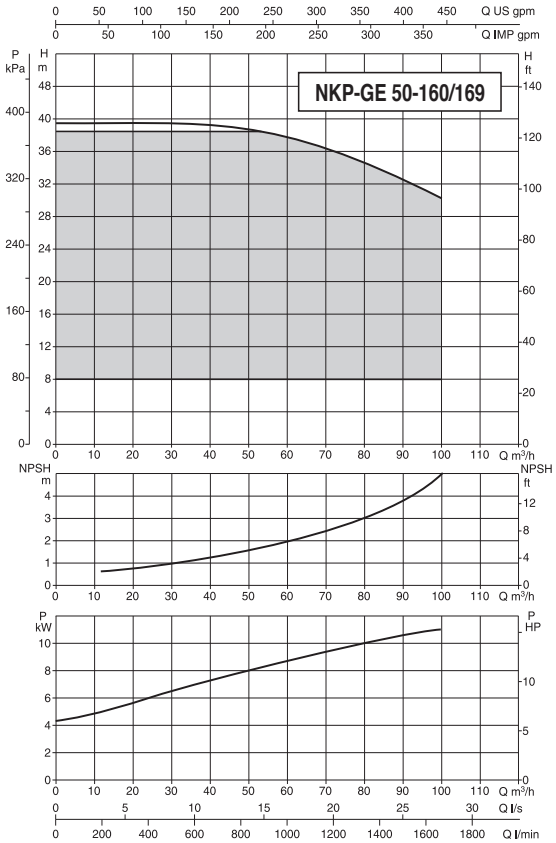
NKP-GE MCE/P

ENBLOC ELECTRONIC CENTRIFUGAL PUMPS WITH INVERTER





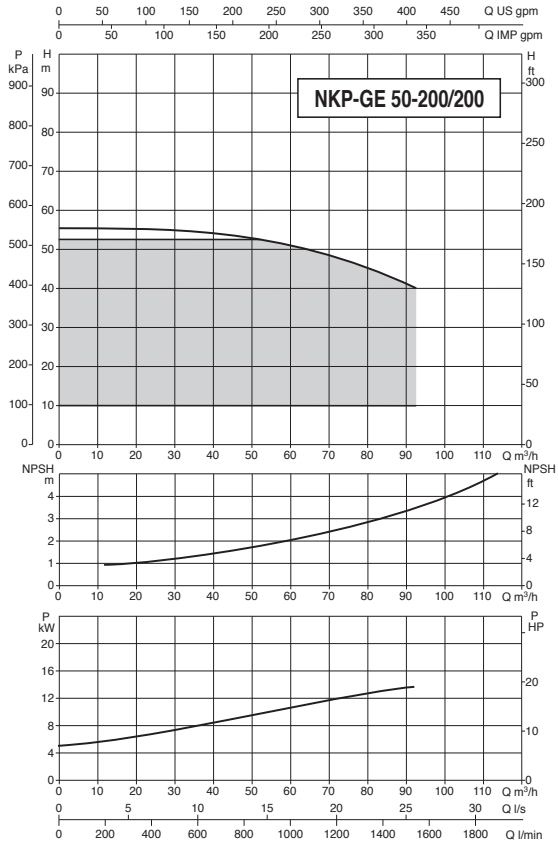


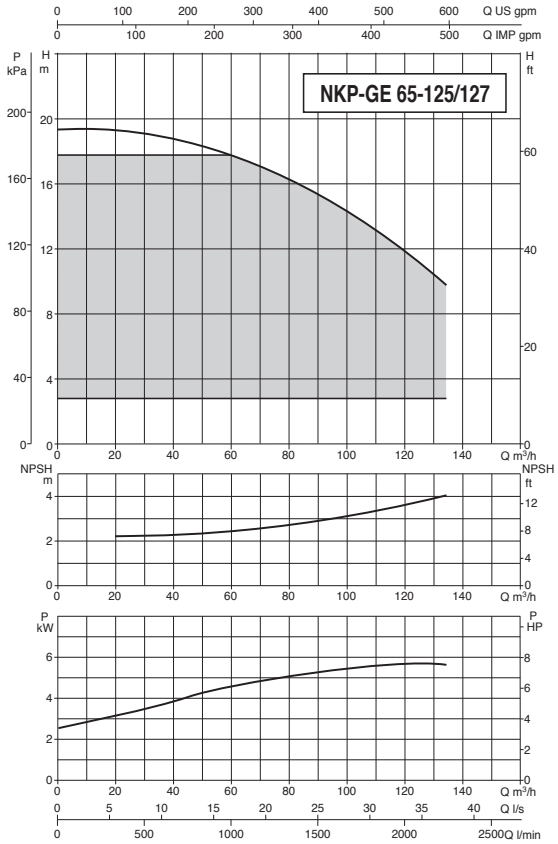


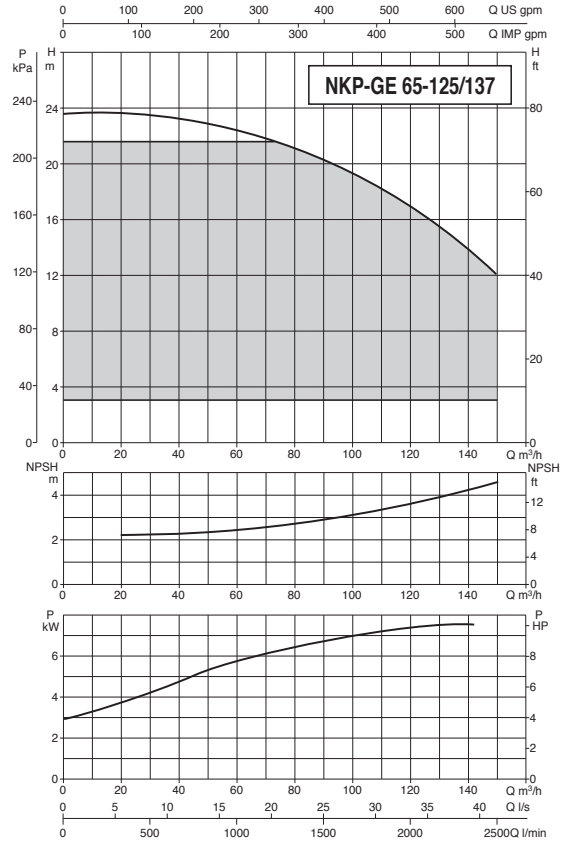
The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

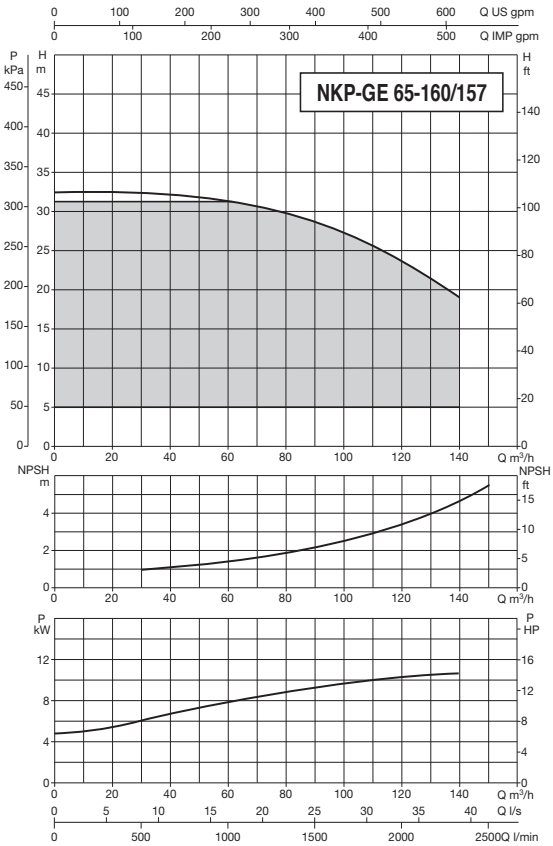
NKP-GE MCE/P

ENBLOC ELECTRONIC CENTRIFUGAL PUMPS WITH INVERTER

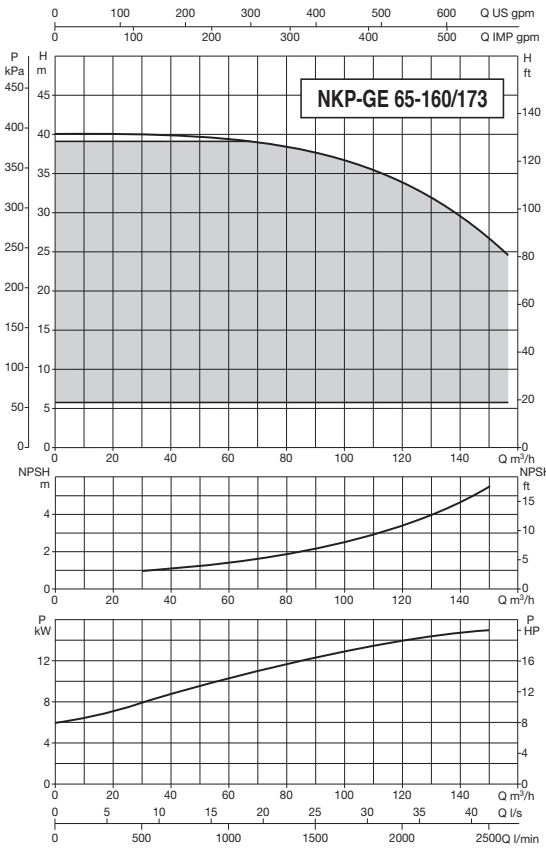


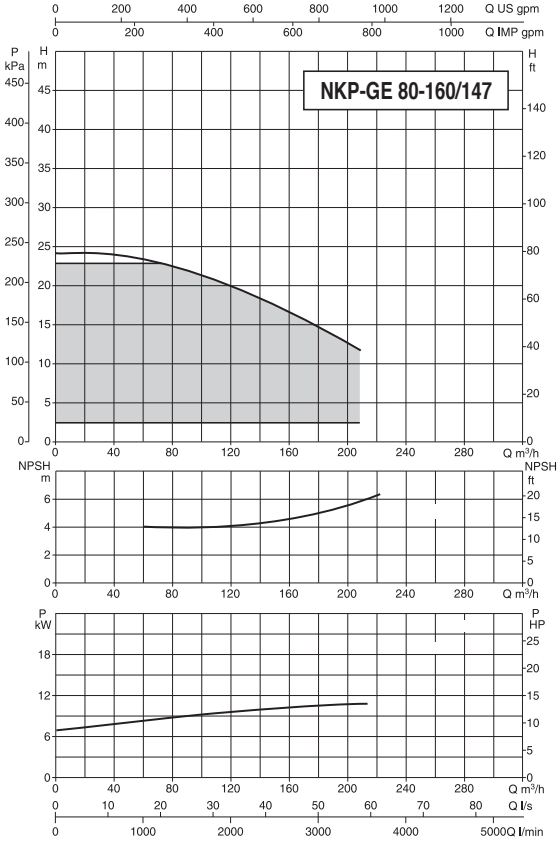


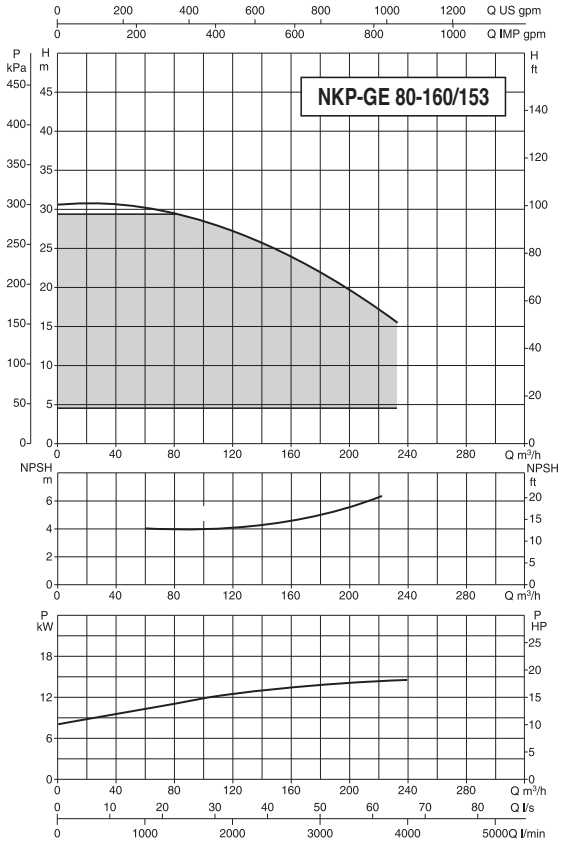




The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

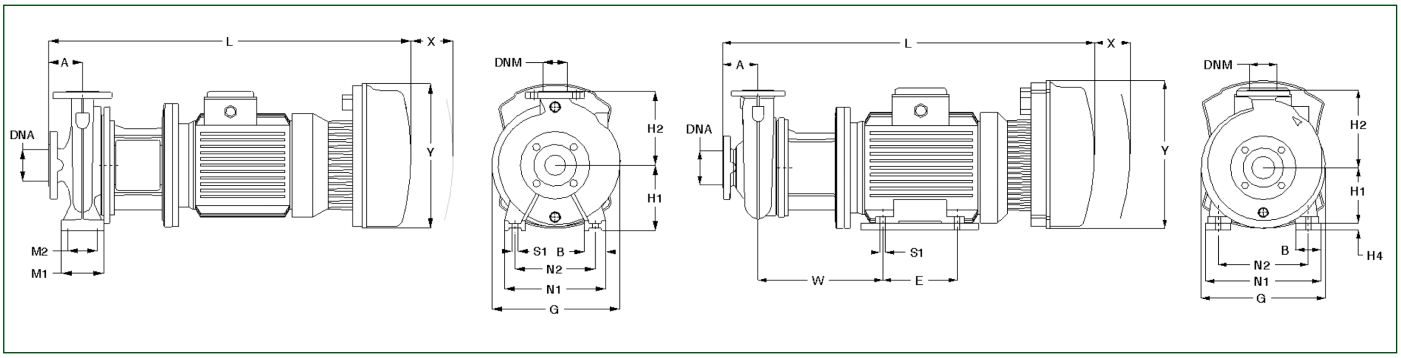






The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

DIMENSIONS AND WEIGHTS - NKP-GE 2 POLES WITH MCE/P



MODEL	A	B	E	G	H1	H2	H3	H4	L	M1	M2	N1	N2	S1	W	X	Y	MECH. SEAL Ø mm	DNA	DNM	PACKAGING DIMENSIONS			VOLUME m^3	WEIGHT Kg
																					L/A	L/B	H		
NKP-GE 32-125.1/125/A/BAQE/1.5/2 M MCE11/P IE2	80	50		234	112	140			696	100	70	190	140	M10		100	262	28	50	32	826	430	426	0,15	56
NKP-GE 32-125.1/140/A/BAQE/2.2/2 M MCE15/P IE2	80	50		234	112	140			721	100	70	190	140	M10		100	262	28	50	32	826	430	426	0,15	58
NKP-GE 32-125/130/A/BAQE/2.2/2 M MCE15/P IE2	80	50		234	112	140			721	100	70	190	140	M10		100	262	28	50	32	826	430	426	0,15	58
NKP-GE 32-125/142/A/BAQE/3/2 T MCE30/P IE2	80	50		267	112	140	20		779	100	70	190	140	M10		100	353	28	50	32	826	430	426	0,15	76
NKP-GE 32-160.1/155/A/BAQE/2.2/2 M MCE15/P IE2	80,0	50,0		245	132	160			721	100	70	240	190	M10		100	262	28	50	32	826	430	426	0,15	53
NKP-GE 32-160.1/166/A/BAQE/3/2 T MCE30/P IE2	80	50		267	132	160			779	100	70	240	190	M10		100	353	28	50	32	826	430	426	0,15	70
NKP-GE 32-160/151/A/BAQE/3/2 T MCE30/P IE2	80	50		267	132	160			779	100	70	240	190	M10		100	353	28	50	32	826	430	426	0,15	70
NKP-GE 32-160/163/A/BAQE /4/2T MCE55/P IE2	80	50		267	132	160			794	100	70	240	190	M10		100	353	28	50	32	826	430	426	0,15	92
NKP-GE 32-160/177/A/BAQE /5,5/2 T MCE55/P IE2	80	50		300	132	160	20		883	100	70	240	190	M10		100	353	28	50	32	1026	530	546	0,30	114
NKP-GE 32-200.1/188/A/BAQE/4/2 T MCE30/P IE2	80	50		279	160	180			794	100	70	240	190	M10		100	353	28	50	32	826	430	426	0,15	92
NKP-GE 32-200.1/205/A/BAQE/5,5/2 T MCE55/P IE2	80	50		300	160	180			883	100	70	240	190	M10		100	353	28	50	32	1026	530	546	0,30	114
NKP-GE 32-200/190/A/BAQE/5.5/2 T MCE55/P IE2	80	50		300	160	180			883	100	70	240	190	M10		100	353	28	50	32	1026	530	546	0,30	126
NKP-GE 32-200/210/A/BAQE/7.5/2 T MCE110/P IE2	80	50		341	160	180			883	100	70	240	190	M10		100	426	28	50	32	1026	530	546	0,30	135
NKP-GE 40-125/120/A/BAQE/2.2/2 M MCE22/P IE2	80	50		234	112	140			721	100	70	210	160	M10		100	262	28	65	40	826	430	426	0,15	74
NKP-GE 40-125/130/A/BAQE/3/2 T MCE30/P IE2	80	50		300	112	140	20		779	100	70	210	160	M10		100	353	28	65	40	826	430	426	0,15	85
NKP-GE 40-125/139/A/BAQE/4/2 T MCE55/P IE2	80	50		300	112	140	20		794	100	70	210	160	M10		100	353	28	65	40	826	430	426	0,15	107
NKP-GE 40-160/158/A/BAQE/5,5/2 T MCE55/P IE2	80	50		300	132	160	20		883	100	70	240	190	M10		100	353	28	65	40	1026	530	546	0,30	119
NKP-GE 40-160/172/A/BAQE/7,5/2 T MCE110/P IE2	80	50		341	132	160	20		933	100	70	240	190	M10		100	426	28	65	40	1026	530	546	0,30	127
NKP-GE 40-200/210/A/BAQE/11/2 T MCE110/P IE2	100	67	210	350	160	180		20	1098			314	254	M12	351	100	426	28	65	40	1386	526	676	0,49	207
NKP-GE 40-250/230/A/BAQE/15/2 T MCE150/P IE2	100	67	210	350	160	225		20	1098			314	254	M12	351	100	426	28	65	40	1386	526	676	0,49	220
NKP-GE 50-125/125/A/BAQE/4/2 T MCE55/P IE2	100	50		267	132	160			814	100	70	240	190	M10		100	353	28	65	50	1026	530	546	0,30	122
NKP-GE 50-125/135/A/BAQE/5,5/2 T MCE55/P IE2	100	50		300	132	160	20		903	100	70	240	190	M10		100	353	28	65	50	1026	530	546	0,30	124
NKP-GE 50-125/144/A/BAQE/7,5/2 T MCE55/P IE2	100	50		341	132	160	20		953	100	70	240	190	M10		100	426	28	65	50	1026	530	546	0,30	133
NKP-GE 50-160/153/A/BAQE/7.5/2 T MCE110/P IE2	100	50		341	160	180			953	100	70	265	212	M10		100	426	28	65	50	1026	530	546	0,30	101
NKP-GE 50-160/169/A/BAQE/11/2 T MCE110/P IE2	100	67	210	350	160	180		20	1098			314	254	M12	351	100	426	28	65	50	1386	526	676	0,49	132
NKP-GE 50-200/200/A/BAQE/15/2 T MCE150/P IE2	100	67	210	350	160	200		20	1098			314	254	M12	351	100	426	28	65	50	1386	526	676	0,49	216
NKP-GE 65-125/127/A/BAQE/5,5/2 T MCE55/P IE2	100	65		300	160	180			903	125	95	280	212	M10		100	353	28	80	65	1026	530	546	0,30	122
NKP-GE 65-125/137/A/BAQE/7,5/2 T MCE110/P IE2	100	65		341	160	180			953	125	95	280	212	M10		100	426	28	80	65	1026	530	546	0,30	131
NKP-GE 65-160/157/A/BAQE/11/2 T MCE110/P IE2	100	67	210	350	160	200		20	1098			314	254	M12	351	100	426	28	80	65	1386	526	676	0,49	202
NKP-GE 65-160/173/A/BAQE/15/2 T MCE150/P IE2	100	67	210	350	160	200		20	1098			314	254	M12	351	100	426	28	80	65	1386	526	676	0,49	212
NKP-GE 80-160/147-127/A/BAQE/11/2 T MCE110/P IE2	125	67	210	350	160	225		20	1123			314	254	M12	351	140	426	28	100	80	1386	526	676	0,49	215
NKP-GE 80-160/153/A/BAQE/15/2 T MCE150/P IE2	125	67	210	350	160	225		20	1123			314	254	M12	351	140	426	28	100	80	1386	526	676	0,49	221

KDNE WITH MCE/P

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

MCE/P
PAG. 6

PRESSURIZATION



ENERGY EFFICIENCY IE2

Standardised centrifugal pumps on skid with elastic coupling, electronics designed for a wide range of applications such as:

- homes;
- apartment blocks;
- camp sites;
- swimming pools;
- farms;
- well water supply;
- irrigation for greenhouses, gardens, agriculture;
- re-use of rainwater;
- industrial systems.

Highly versatile pumps thanks to the use of the DAB **MCE/P** inverter, to guarantee performance able to automatically adapt to the various system requirements, maintaining constant pressure. Pressure sensor included. Spiral single-stage body in cast iron according to DIN-EN 733 (ex DIN 24255), cast iron seal cover and motor support, flanges according to DIN 2533 (DIN 2532 for DN 200). Cast iron impeller, sealed and dynamically balanced with axial thrust compensation via balancing holes, operating (on request) on interchangeable wear rings. Pump shaft in stainless steel mounted on two generously sized ball bearings, permanently lubricated and housed in a special chamber inside the support. Standard seal: standardised mechanical seal according to DIN 24960 in carbon/silicon carbide with O-rings in EPDM. On request, packing seals are available, with hydraulic lubrication ring and gland in two easily removable parts. Sealed, asynchronous motor cooled by external ventilation; 2-pole or 4-pole. Rotor mounted on generously sized ball bearings to ensure silent and durable operation. Electrical protection: according to standards transposed into the ELECTROMAGNETIC COMPATIBILITY DIRECTIVE EEC 89/336 and subsequent amendments, LOW VOLTAGE DIRECTIVE EEC 73/23 and subsequent amendments and standards CEI 2-3.

Construction design: B3
Speed of rotation: 1450 - 2900 1/min.
Operating range: from 1 a 240 m^3/h with head up to 70 meters
Liquid temp. range: from -10°C to +140°C.
Pumped liquid: clean, free from solid or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, characteristics similar to water.
Max. ambient temperature: +40°C
Maximum operating pressure: 16 bar - 1600 kPa (per il DN 200 max 10 bar).
Protection rating: IP 55
Thermal category: F
Flanging:
PN 16 DIN 2533
PN 10 DIN 2532 per DN 200
Installation: fixed horizontally.

ACCESSORIES
PAG. 443

KDNE 4 POLES WITH MCE/P - FOR PRESSURIZATION SYSTEM

MODEL	CODE	ELECTRIC DATA			HYDRAULIC DATA																					
		VOLTAGE 50 Hz	P2 NOM.		Q=m^3h	0	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210
			kW	HP	Q=l/min	0	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500
KDNE 40-250/240/A/BAQE/1/3/4 MCE30/P	60147840	3 x 400 V	3	4	H (m)	19.1	19	18.2	17	15.5																
KDNE 40-250/250/A/BAQE/1/4/4 MCE55/P	60147841	3 x 400 V	4	5,5		20,7	22,6	22,1	21	19,5																
KDNE 50-250/263/A/BAQE/1/5,5/4 MCE55/P	60147850	3 x 400 V	5,5	7,5		23	23	22.9	22.8	22.5	21.7	20.6	19.4	17.5												
KDNE 65-250/240/A/BAQE/1/5,5/4 MCE55/P	60147857	3 x 400 V	5,5	7,5		19			19	18.9	18.5	18.1	17.5	16.8	16	14.7	13.6									
KDNE 65-250/263/A/BAQE/1/7,5/4 MCE110/P	60147858	3 x 400 V	7,5	10		23.2			23	23	22.9	22.5	22.2	21.6	20.8	19.8	18.6	17.4	16							
KDNE 65-315/260/A/BAQE/1/7,5/4 MCE110/P	60147859	3 x 400 V	7,5	10		22.3			22.2	22.1	22	21.5	21	20.5	20	19.2	18.4	17	16	15						
KDNE 65-315/290/A/BAQE/1/11/4 MCE150/P	60147860	3 x 400 V	11	15		28.2			28.2	28.1	28	27.8	27.3	27	26.5	25.5	25	24	23.1	22	19.5					
KDNE 65-315/320/A/BAQE/1/15/4 MCE150/P	60147861	3 x 400 V	15	20		35.7			35.4	35.3	35.2	35.1	35	34.8	34.5	33.8	33.5	32.5	31.5	30.8	28	24.8				
KDNE 80-250/230/A/BAQE/1/7,5/4 MCE110/P	60147863	3 x 400 V	7,5	10		17.3						17.3	17.2	17.1	17	16.9	16.8	16.5	16	15.5	14.3	12.4				
KDNE 80-250/260/A/BAQE/1/11/4 MCE150/P	60147864	3 x 400 V	11	15		22.6						22.5	22.5	22.4	22.3	22.2	22.1	22	21.8	21.4	20.6	19.6	19	15.1		
KDNE 80-250/270/A/BAQE/1/15/4 MCE150/P	60147865	3 x 400 V	15	20		24.5						24.4	24.4	24.4	24.3	24.2	24.1	24	23.7	23.3	22.4	21.4	20.7	16.3		
KDNE 80-315/290/A/BAQE/1/15/4 MCE150/P	60147866	3 x 400 V	15	20		27.8							27.8	27.8	27.7	27.7	27.6	27.6	27.5	27.4	26.5	25	24.6	19.1		
KDNE100-250/260/A/BAQE/1/15/4 MCE150/P	60147867	3 x 400 V	15	20		22.3									22.1	22.1	22.1	22	21.9	21.8	21.7	21.5	21.4	19.8	17.7	15.1
KDNE100-315/275/A/BAQE/1/15/4 MCE150/P	60147868	3 x 400 V	15	20		25.1									25	25	25	24.9	24.8	24.7	24.6	24.4	24	22	19	

DAB PUMPS reserves the right to make modifications without notice

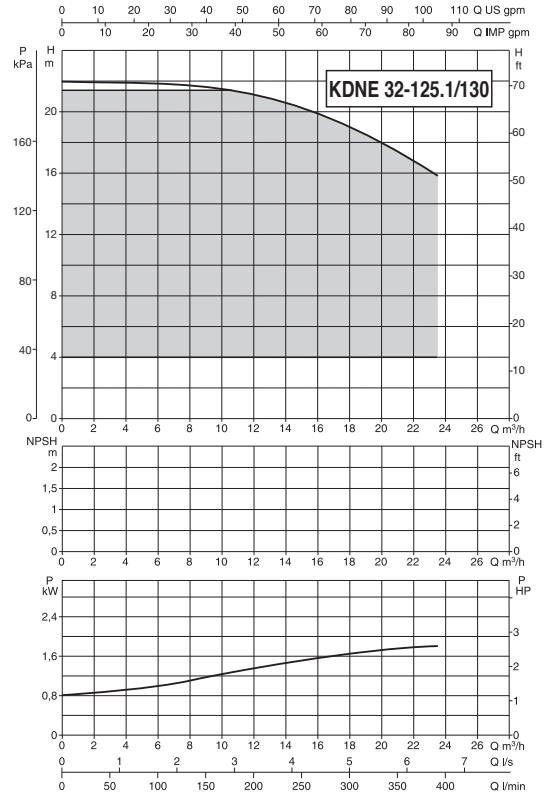
KDNE 2 POLES WITH MCE/P - FOR PRESSURIZATION SYSTEM

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA												
		VOLTAGE 50 Hz	P2 NOMINAL		Q (m³/h)	0	6	12	18	24	30	36	42	48	54	60	66	72
			kW	HP	(l/min)	0	100	200	300	400	500	600	700	800	900	1000	1100	1200
KDNE 32-125.1/130/A/BAQE/1/2.2/2 MCE22/P	60147810	1x230 V	2,2	3		22.3	22.2	21.3	19									
KDNE 32-125.1/140/A/BAQE/1/3/2 MCE30/P	60147815	3 x 400 V	4	5,5		26.5	26.4	25.6	23.4	20.1								
KDNE 32-125/125/A/BAQE/1/2,2/2 MCE22/P	60147816	1x230 V	2,2	3		20.9		20.1	18.9	16.9	13.5							
KDNE 32-125/130/A/BAQE/1/3/2 MCE30/P	60147817	3 x 400 V	3	4		22.9		22	21	19.1	16.2							
KDNE 32-125/142/A/BAQE/1/4/2 MCE55/P	60147818	3 x 400 V	4	5,5		27.8		27	26.1	24.5	21.7	18						
KDNE 32-160.1/137/A/BAQE/1/1,5/2 MCE22/P	60147819	1x230 V	1,5	2		21.5	21.2	19.3										
KDNE 32-160.1/145/A/BAQE/1/2,2/2 MCE22/P	60147820	1x230 V	2,2	3		24.7	24.5	22.3	16.5									
KDNE 32-160.1/153/A/BAQE/1/3/2 MCE30/P	60147821	3 x 400 V	3	4		28.3	28	26	20.5									
KDNE 32-160.1/177/A/BAQE/1/5,5/2 MCE55/P	60147822	3 x 400 V	5,5	7,5		39.5	39.3	38.2	34.5	26								
KDNE 32-160/145/A/BAQE/1/3/2 MCE30/P	60147823	3 x 400 V	3	4		27		25.8	23.9	21.2	16.9							
KDNE 32-160/161/A/BAQE/1/5,5/2 MCE55/P	60147824	3 x 400 V	5,5	7,5		34		33	31.7	29.1	25.5							
KDNE 32-160/177/A/BAQE/1/7,5/2 MCE110/P	60147825	3 x 400 V	7,5	10		41.8		41.5	40.5	38.4	35.3	31.4						
KDNE 32-200.1/170/A/BAQE/1/3/2 MCE30/P	60147827	3 x 400 V	3	4		34.3	34.2	31.9	23.5									
KDNE 32-200.1/190/A/BAQE/1/5,5/2 MCE55/P	60147826	3 x 400 V	5,5	7,5	H (m)	45.3	44.7	41.5	35.5									
KDNE 32-200.1/207/A/BAQE/1/7,5/2 MCE110/P	60147828	3 x 400 V	7,5	10		55.3	55	51.8	46.4	37								
KDNE 32-200/180/A/BAQE/1/5,5/2 MCE55/P	60147829	3 x 400 V	5,5	7,5		39		38.5	36.5	32.5	28							
KDNE 32-200/200/A/BAQE/1/7,5/2 MCE110/P	60147830	3 x 400 V	7,5	10		51		49	48	45	40.5	35						
KDNE 32-200/210/A/BAQE/1/ 11/2 MCE150/P	60147831	3 x 400 V	11	15		57		56	55	52.5	48.5	43	36					
KDNE 32-200/219/A/BAQE/1/15/2 MCE150/P	60147832	3 x 400 V	15	20		63		62	61	59	56.5	52.5	46.5	39.5				
KDNE 40-125/142/A/BAQE/1/5,5/2 MCE55/P	60147833	3 x 400 V	5,5	7,5		26.8	26.6	26.4	26	25.3	24.4	23	21.4	19.4	17			
KDNE 40-160/145/A/BAQE/1/5,5/2 MCE55/P	60147834	3 x 400 V	5,5	7,5		27.5		27.4	27	25.7	24.2	22.1	19.5					
KDNE 40-160/161/A/BAQE/1/7,5/2 MCE110/P	60147835	3 x 400 V	7,5	10		34.5		34.5	34.4	33.7	32.3	30.5	28.5	25.8	22.5			
KDNE 40-160/177/A/BAQE/1/11/2 MCE150/P	60147836	3 x 400 V	11	15		42.6		42.5	42.4	42	41.5	40	38.5	35	33	30		
KDNE 40-200/180/A/BAQE/1/7,5/2 MCE110/P	60147837	3 x 400 V	7,5	10		38.8		38.5	38	37	35	32.5	29	25				
KDNE 40-200/200/A/BAQE/1/11/2 MCE150/P	60147838	3 x 400 V	11	15		48.7		48.4	48.2	47.5	46.5	44	41.5	38.5	34.5			
KDNE 40-200/219/A/BAQE/1/15/2 MCE150/P	60147839	3 x 400 V	15	20		60		59.8	59.7	59.4	59	57	55	52.5	49.5	46	40	
KDNE 40-250/220/A/BAQE/1/15/2 MCE150/P	60147842	3 x 400 V	15	20		63.1		62.8	62.5	61	59	57	55	52	48			

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA																		
		VOLTAGE 50 Hz	P2 NOMINAL		Q (m³/h)	0	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240
			kW	HP	(l/min)	0	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000
KDNE 50-125/139/A/BAQE/1/7,5/2 MCE110/P	60147843	3 x 400 V	7,5	10		24.7	24.5	24.3	24	23.5	23	22.4	21.6	20.8	20	19.2	18	15.5						
KDNE 50-125/144/A/BAQE/1/11/2 MCE150/P	60147844	3 x 400 V	11	15		25.9	26.5	26.4	26.1	25.6	25.1	24.5	24	23.2	22.3	21.5	20.5	17.8	15					
KDNE 50-160/145/A/BAQE/1/7,5/2 MCE110/P	60147845	3 x 400 V	7,5	10		27.2	27	26.9	26.6	26.4	25.5	25	23.8	23	21.5	20.5	19							
KDNE 50-160/161/A/BAQE/1/11/2 MCE150/P	60147846	3 x 400 V	11	15		33.8	33.7	33.7	33.6	33.6	33.3	32.5	31.8	31	29.8	28.5	27.5							
KDNE 50-160/177/A/BAQE/1/15/2 MCE150/P	60147847	3 x 400 V	15	20		41.6	41.5	41.5	41.3	41.2	41	40.6	40.5	39.5	38.8	38	36.7	33.5						
KDNE 50-200/180/A/BAQE/1/11/2 MCE150/P	60147848	3 x 400 V	11	15		42.5	42	41.7	41.4	40.5	39.5	38	36	34	32	29								
KDNE 50-200/190/A/BAQE/1/15/2 MCE150/P	60147849	3 x 400 V	15	20		47.2	46.8	46.6	46	45.7	44.5	43.5	42	40	38	35.5	33							
KDNE 65-125/130/A/BAQE/1/7,5/2 MCE110/P	60147851	3 x 400 V	7,5	10		21				19.6	19.5	19.1	18.9	18.5	18	17.5	17	15.7	14.2	13.2				
KDNE 65-125/144/A/BAQE/1/11/2 MCE150/P	60147852	3 x 400 V	11	15		25.6				25.5	25.4	25.2	25	24.6	24.3	24	23.4	22.5	21.1	20.2	16			
KDNE 65-160/137/A/BAQE/1/7,5/2 MCE110/P	60147853	3 x 400 V	7,5	10		23.1				22.4	22	21.7	21.3	20.5	19.7	19	18	16						
KDNE 65-160/153/A/BAQE/1/11/2 MCE150/P	60147854	3 x 400 V	11	15		29.1				28.8	28.5	28.6	28.5	28	27.5	26.6	26	24	22	21				
KDNE 65-160/169/A/BAQE/1/15/2 MCE150/P	60147855	3 x 400 V	15	20		36.4				36.3	36.2	36.1	36	35.7	35.3	34.7	34	32.7	31	30				
KDNE 65-200/170/A/BAQE/1/15/2 MCE150/P	60147856	3 x 400 V	15	20		37.2				36.8	36.7	36.6	36.5	36	35	34	32.5	30	27	25				
KDNE 80-160/153-136/A/BAQE/1/15/2 MCE150/P	60147862	3 x 400 V	15	20		25.6											24.5	23.8	23	22.5	20.2	17.5	15	11.8

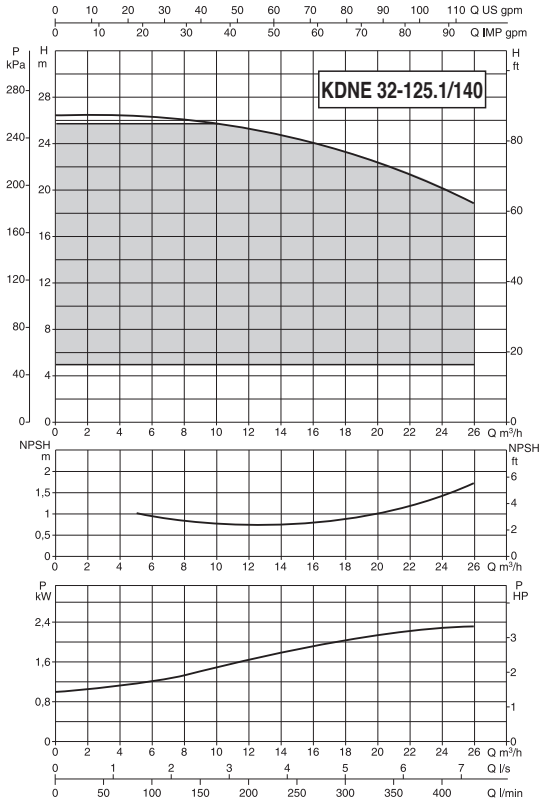
KDNE 32-125.1/130

≅ 2900 1/min



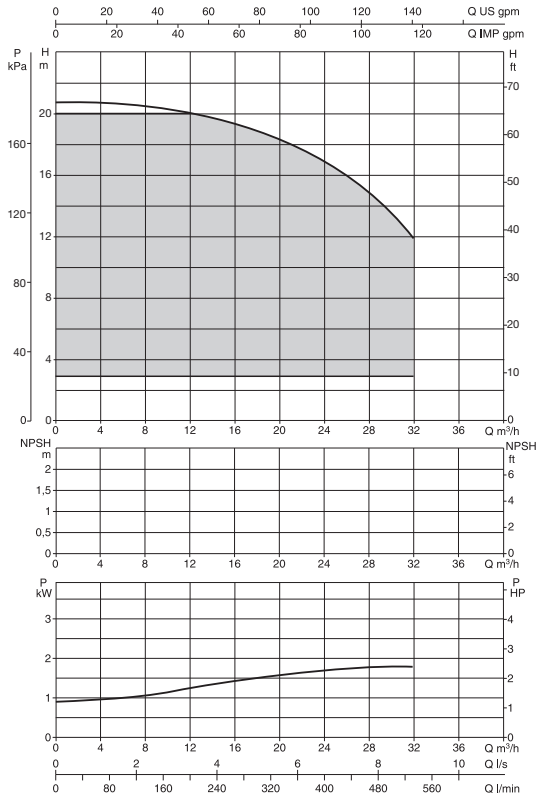
KDNE 32-125.1/140

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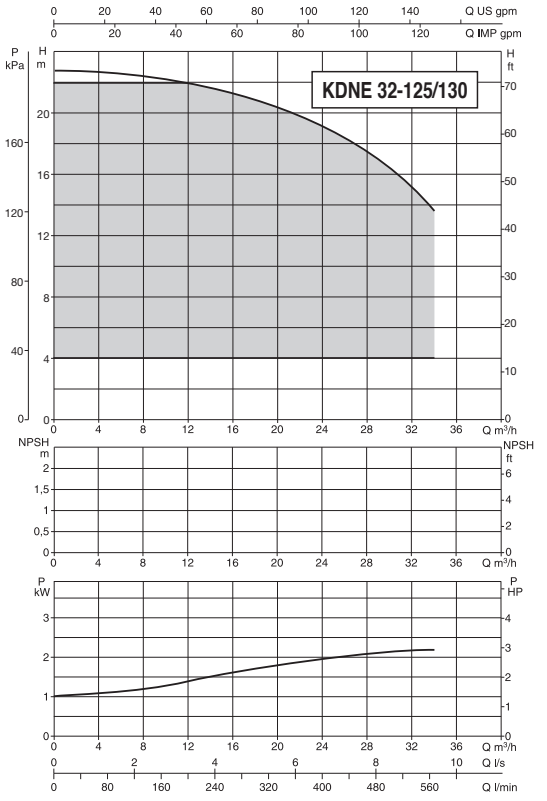
KDNE 32-125/125

≅ 2900 1/min



KDNE 32-125/130

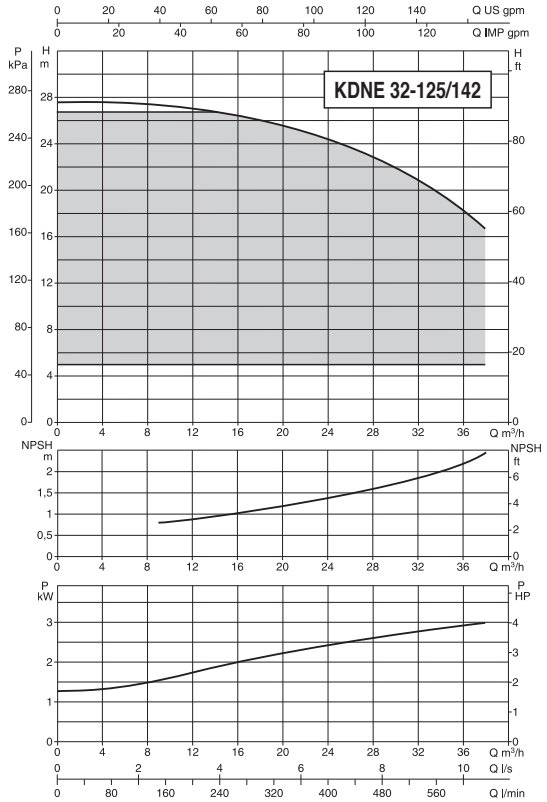
≅ 2900 1/min



The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

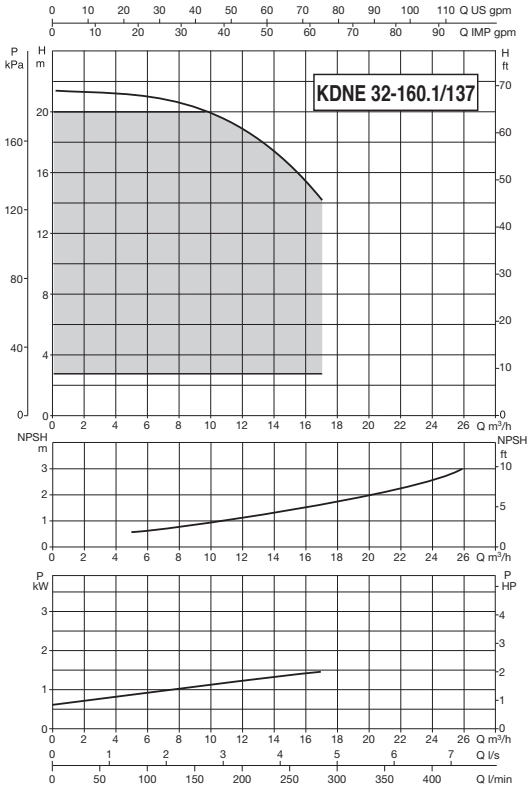
KDNE 32-125/142

≅ 2900 1/min



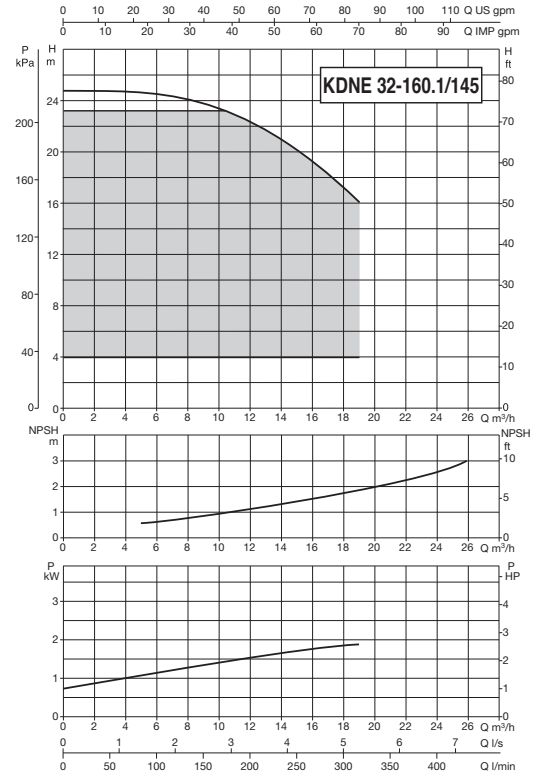
KDNE 32-160.1/137

≅ 2900 1/min



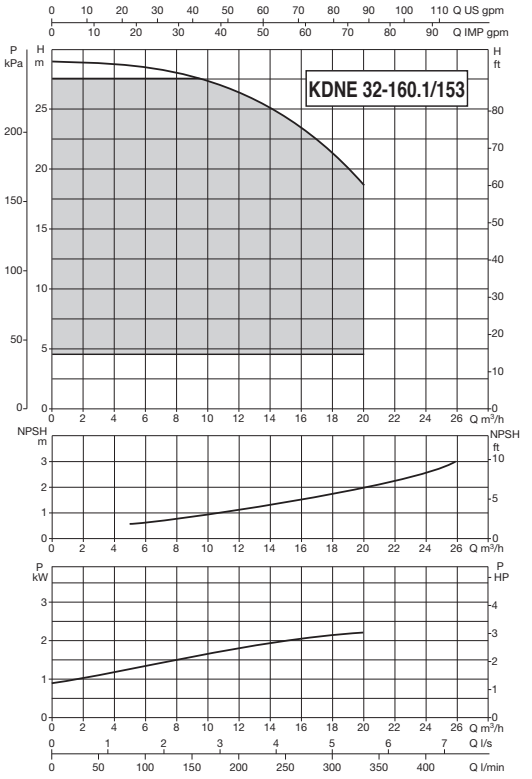
KDNE 32-160.1/145

≅ 2900 1/min



KDNE 32-160.1/153

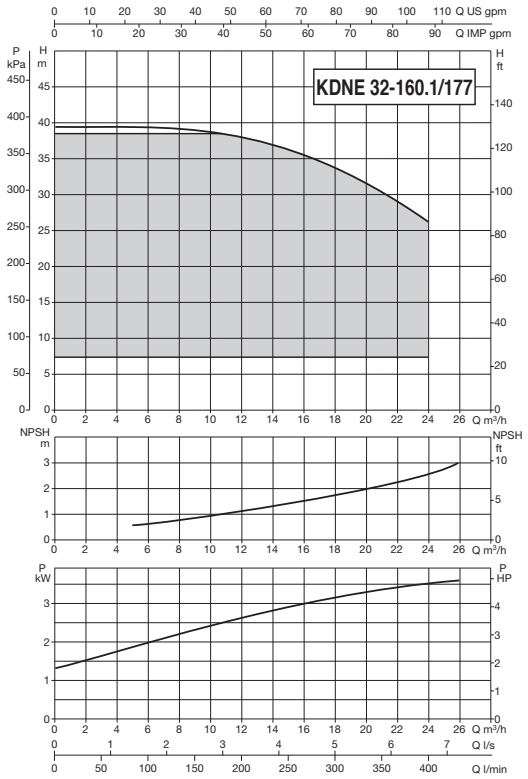
≅ 2900 1/min



The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

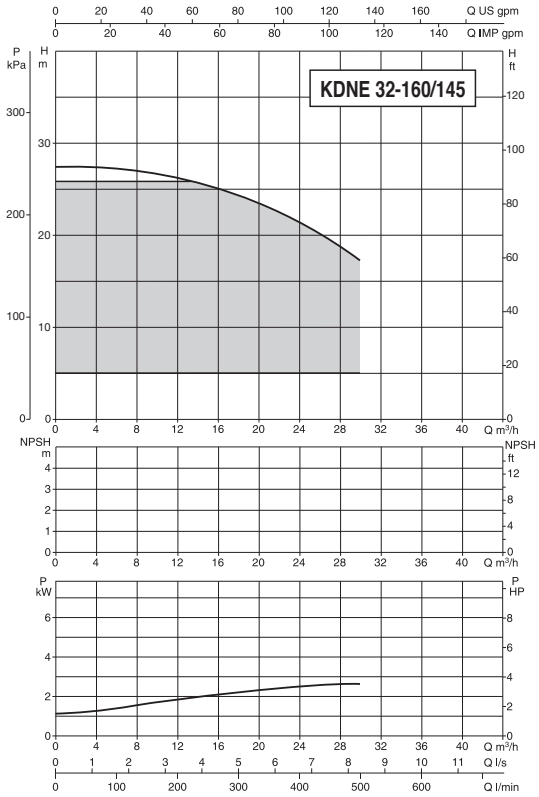
KDNE 32-160.1/177

≅ 2900 1/min



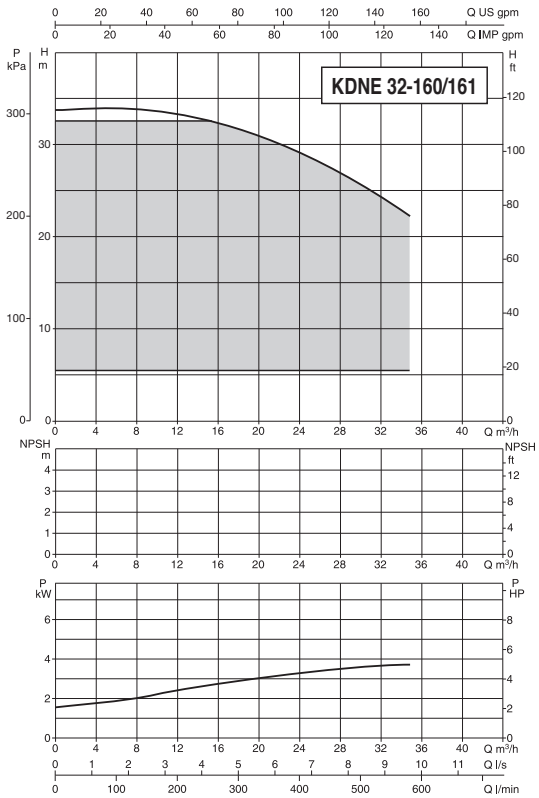
KDNE 32-160/145

≅ 2900 1/min



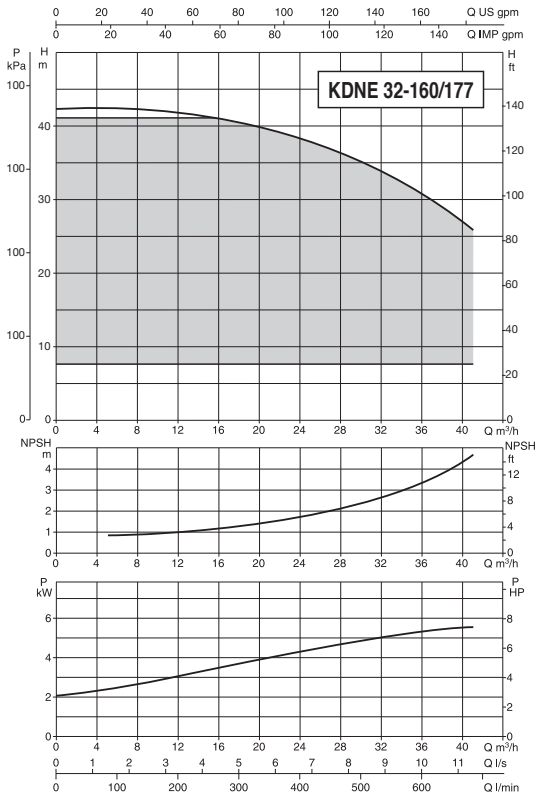
KDNE 32-160/161

≅ 2900 1/min



KDNE 32-160/177

≅ 2900 1/min

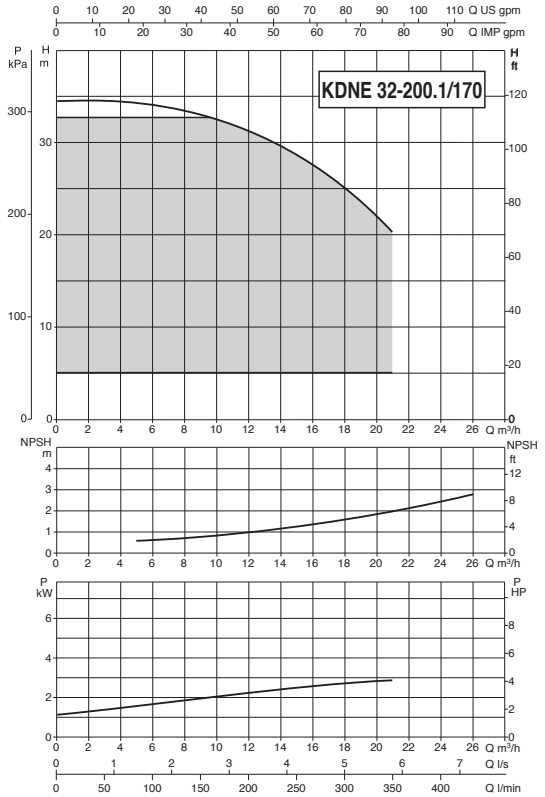


The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

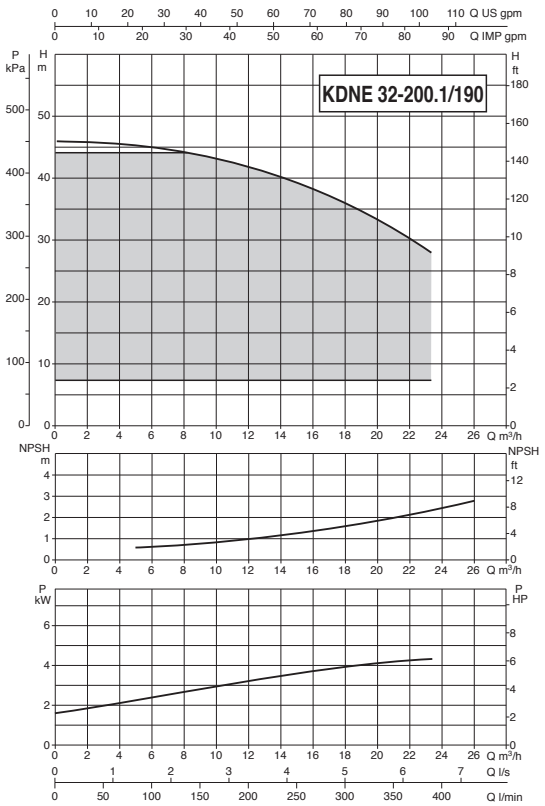
KDNE WITH MCE/P

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

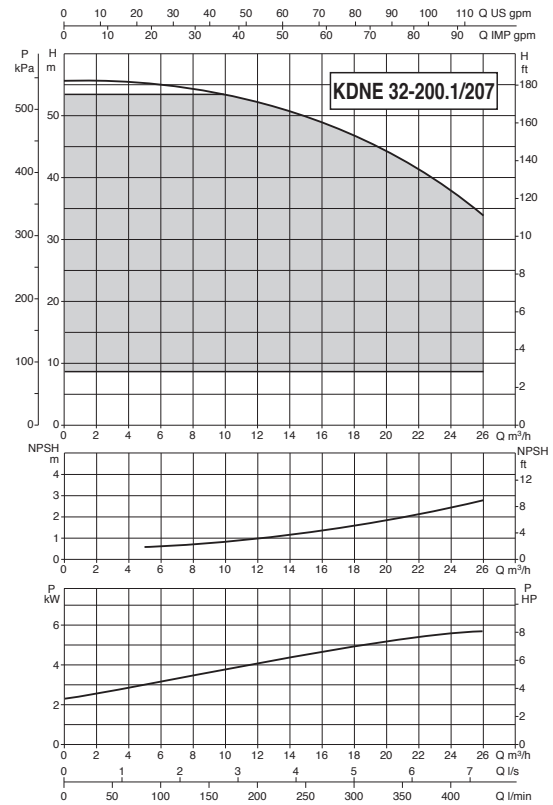
KDNE 32-200.1/170 ≅ 2900 1/min



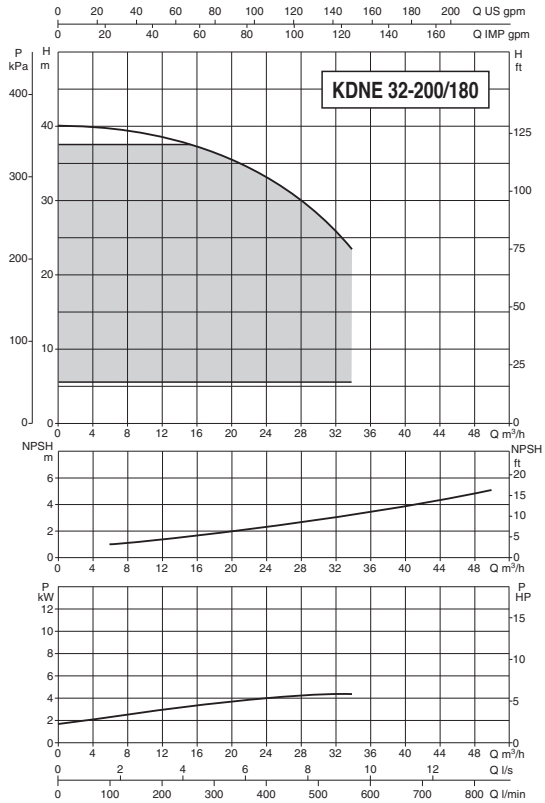
KDNE 32-200.1/190 ≅ 2900 1/min



KDNE 32-200.1/207 ≅ 2900 1/min



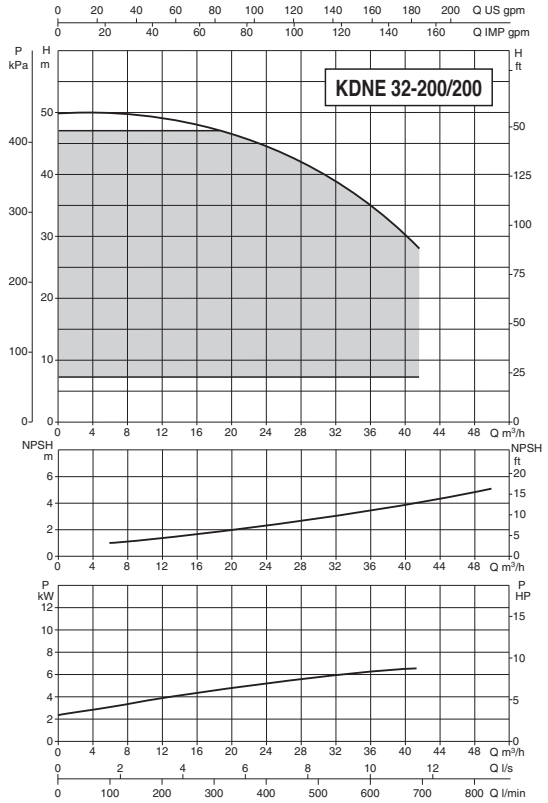
KDNE 32-200/180 ≅ 2900 1/min



The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

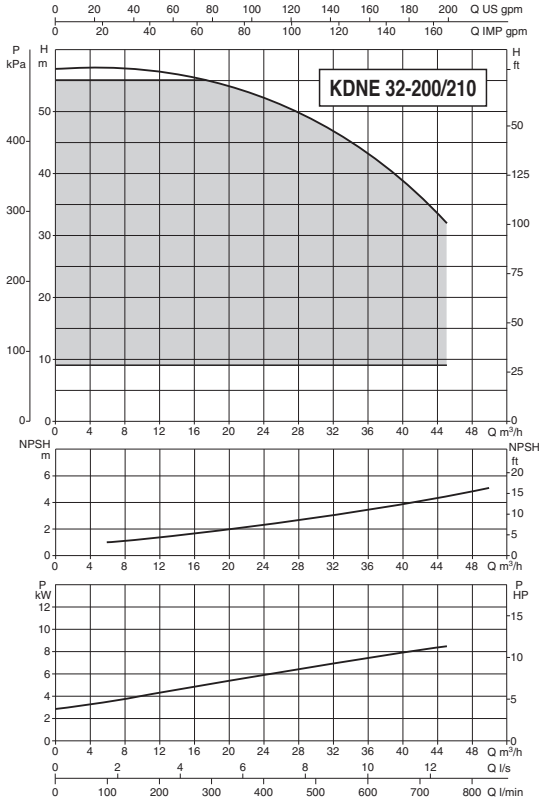
KDNE 32-200/200

≅ 2900 1/min



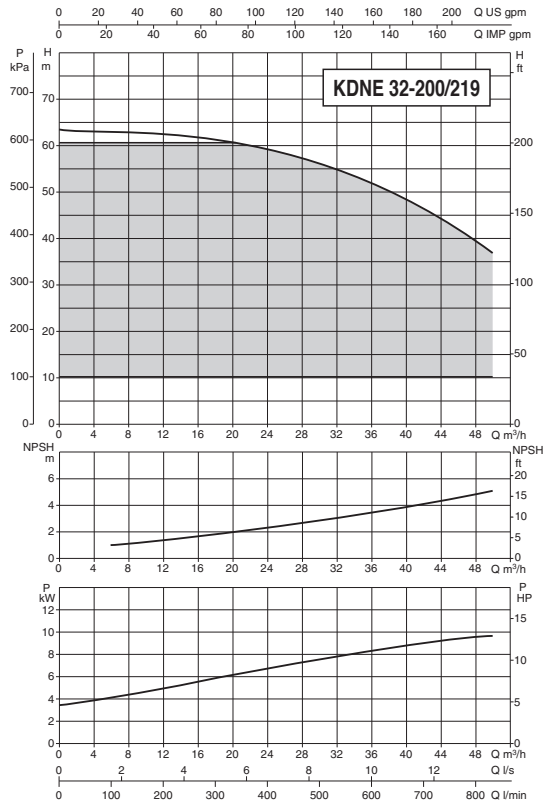
KDNE 32-200/210

≅ 2900 1/min



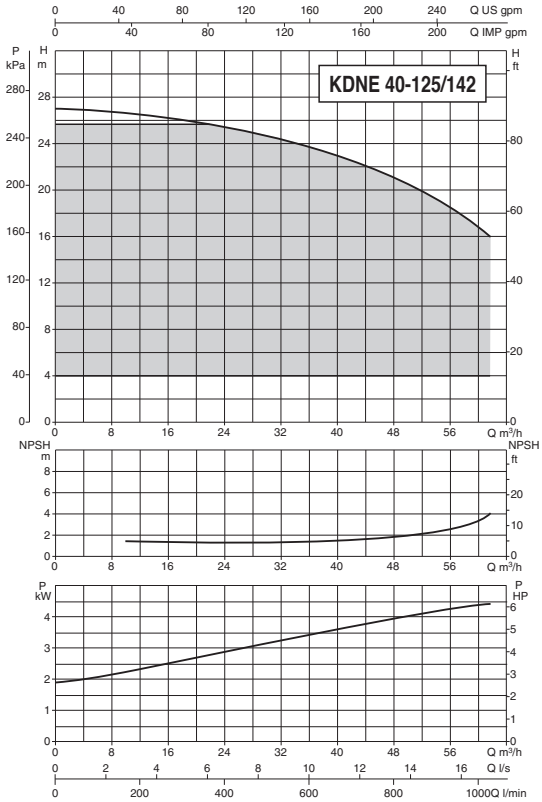
KDNE 32-200/219

≅ 2900 1/min



KDNE 40-125/142

≅ 2900 1/min



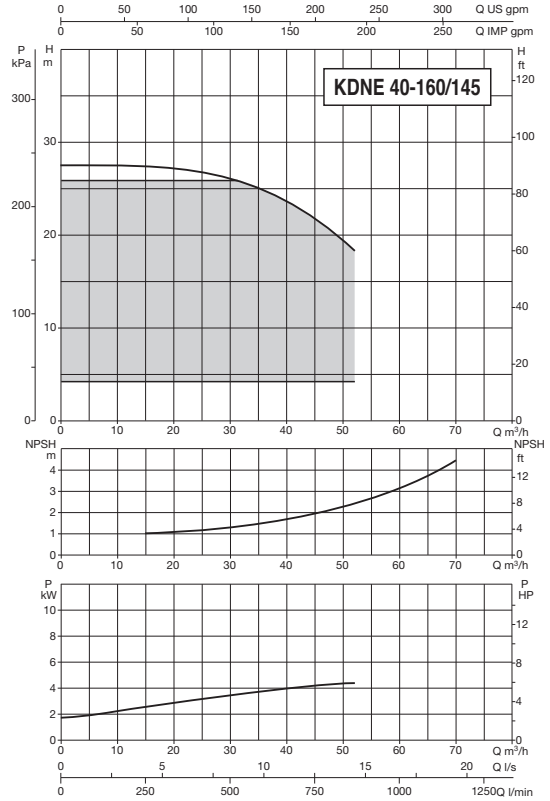
The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

KDNE WITH MCE/P

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

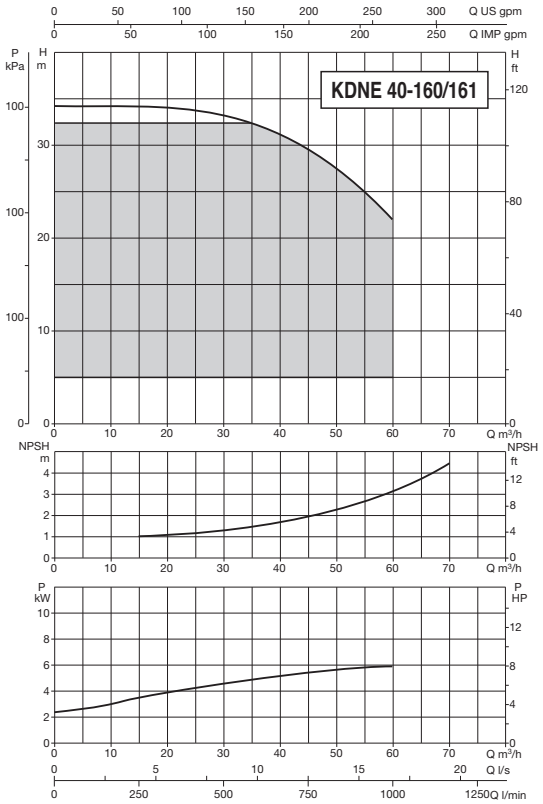
KDNE 40-160/145

≅ 2900 1/min



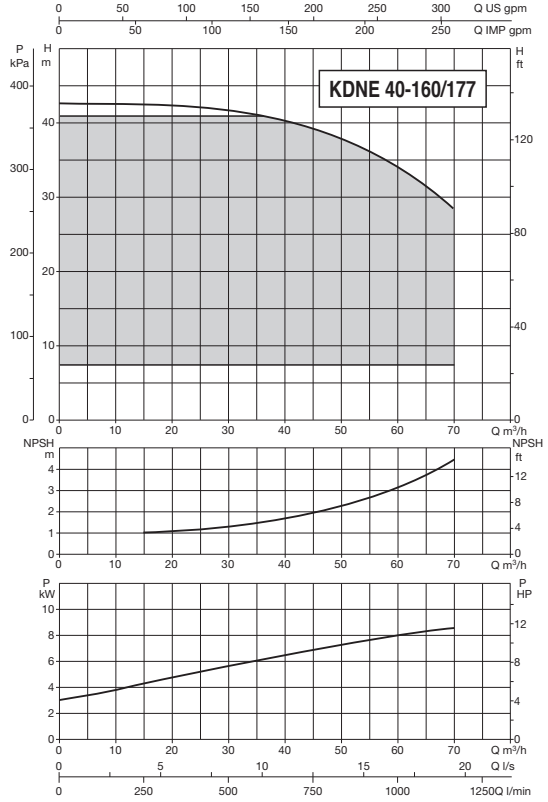
KDNE 40-160/161

≅ 2900 1/min



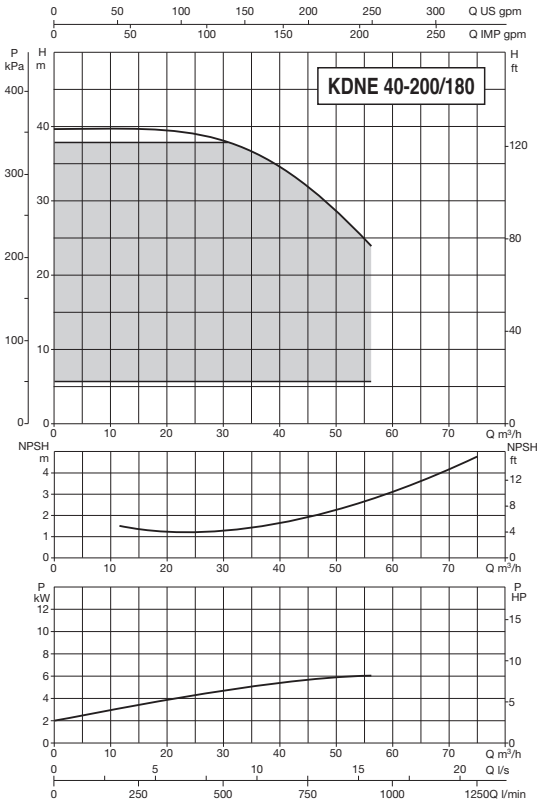
KDNE 40-160/177

≅ 2900 1/min



KDNE 40-200/180

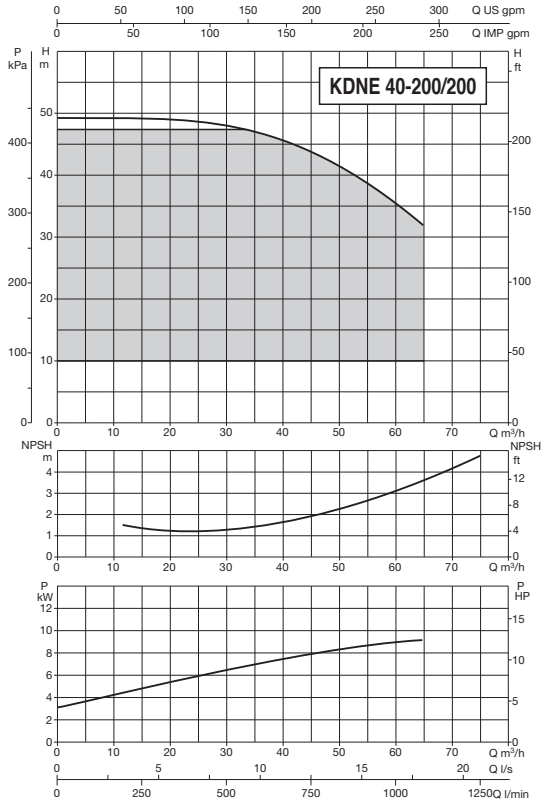
≅ 2900 1/min



The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

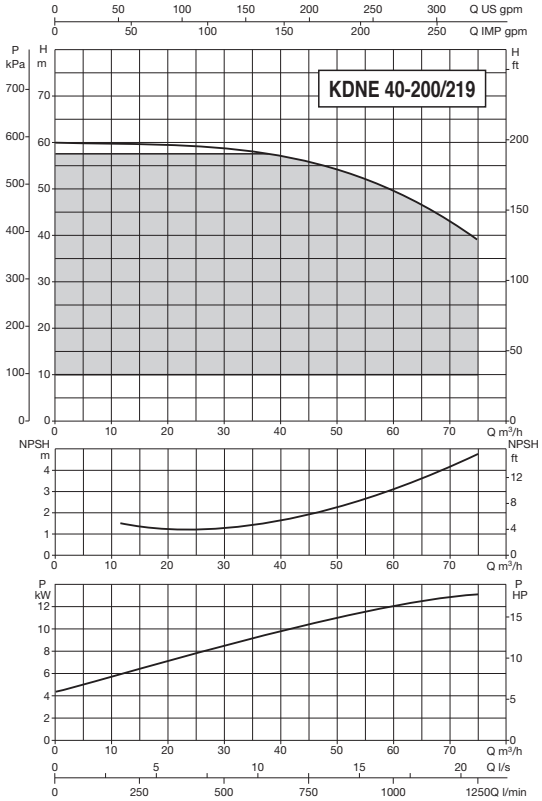
KDNE 40-200/200

≅ 2900 1/min



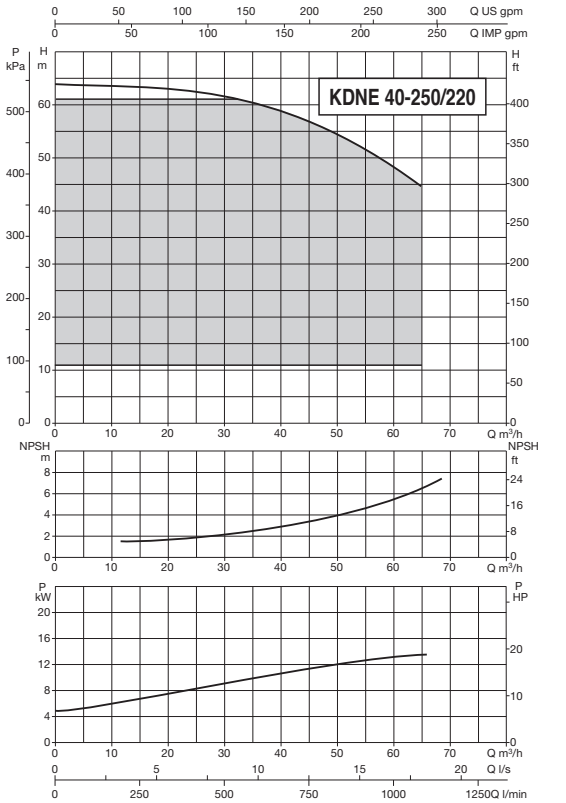
KDNE 40-200/219

≅ 2900 1/min



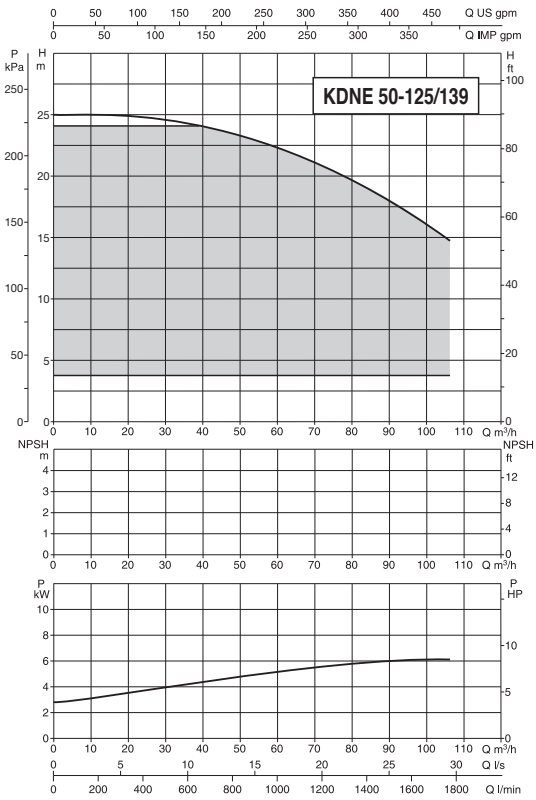
KDNE 40-250/220

≅ 2900 1/min



KDNE 50-125/139

≅ 2900 1/min



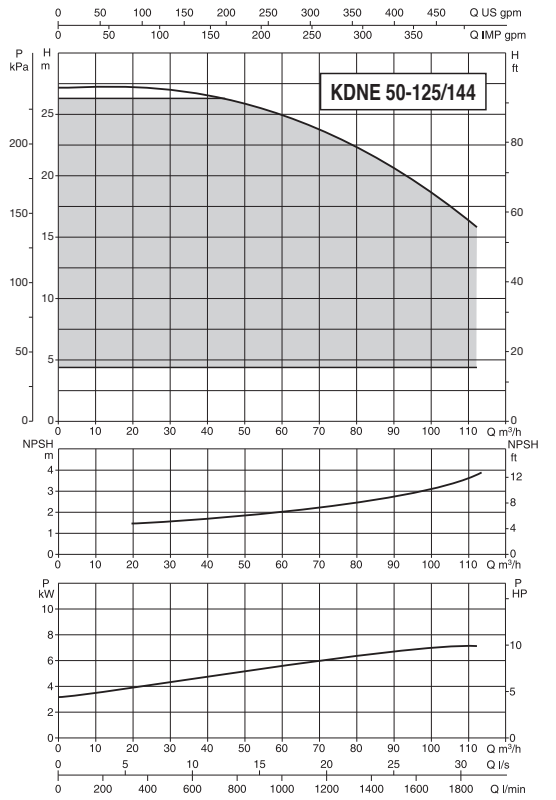
The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

KDNE WITH MCE/P

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

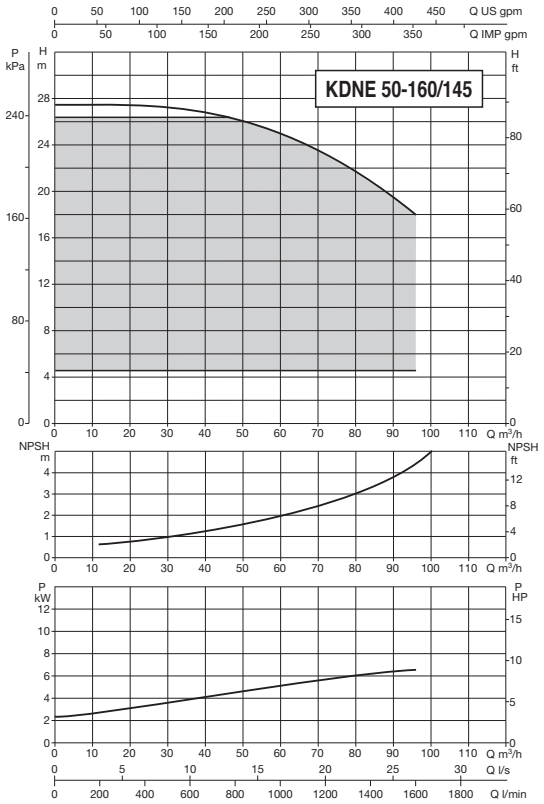
KDNE 50-125/144

≅ 2900 1/min



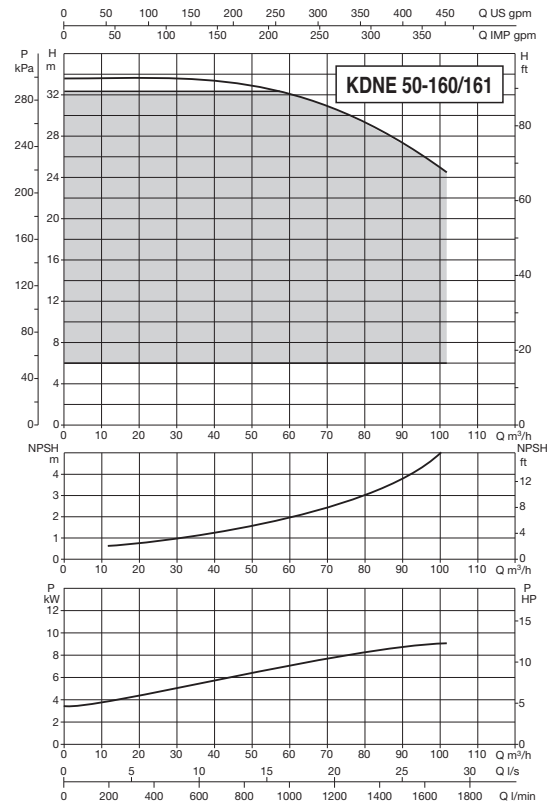
KDNE 50-160/145

≅ 2900 1/min



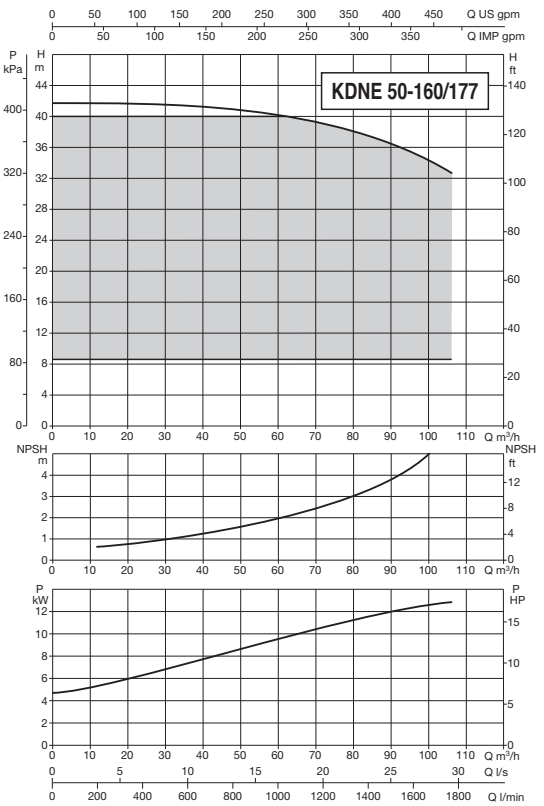
KDNE 50-160/161

≅ 2900 1/min



KDNE 50-160/177

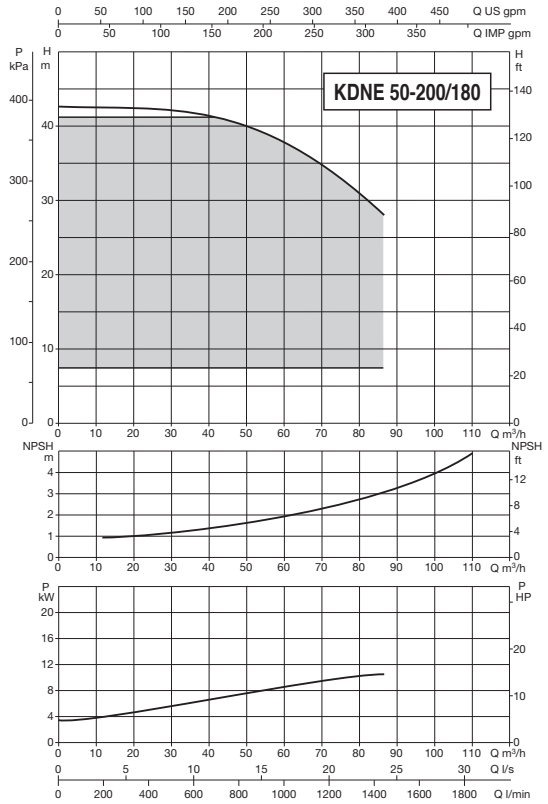
≅ 2900 1/min



The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

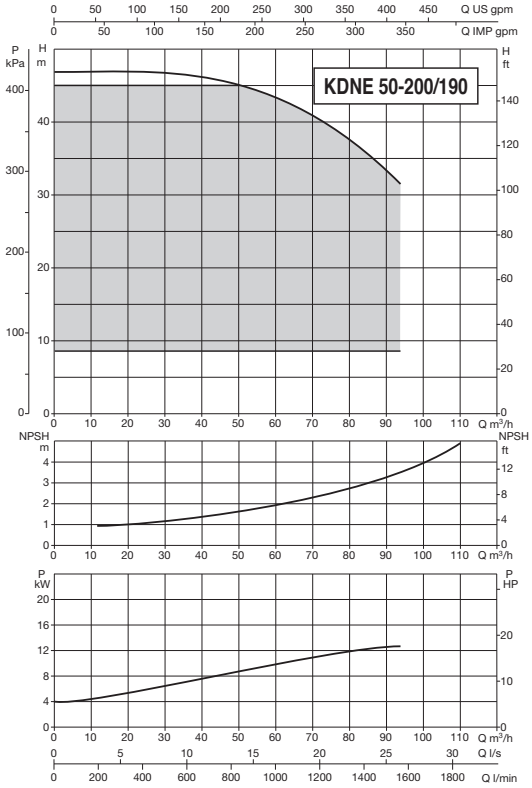
KDNE 50-200/180

≅ 2900 1/min



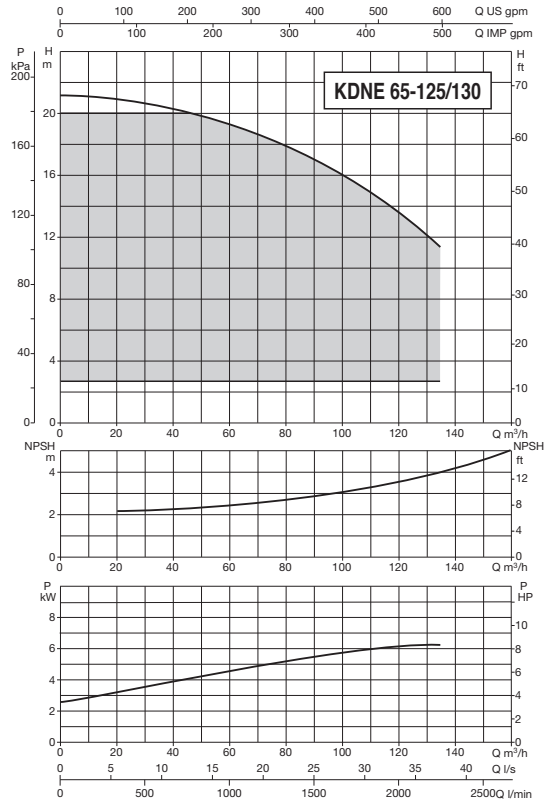
KDNE 50-200/190

≅ 2900 1/min



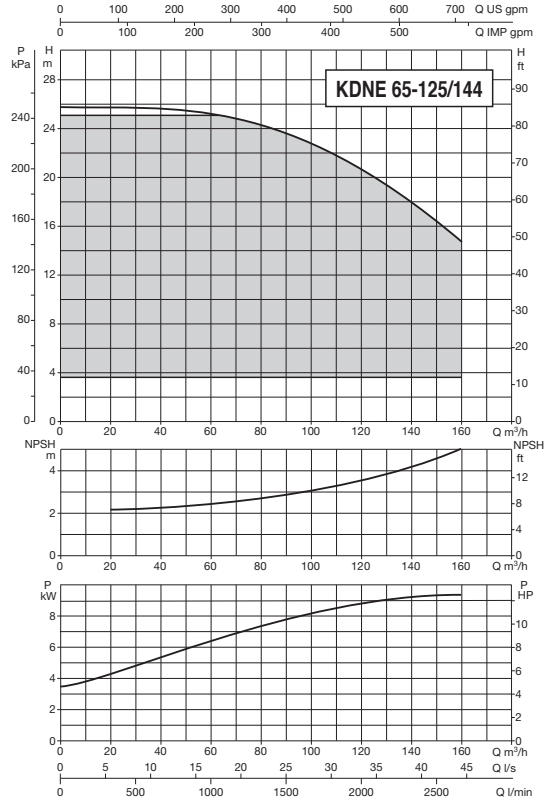
KDNE 65-125/130

≅ 2900 1/min



KDNE 65-125/144

≅ 2900 1/min



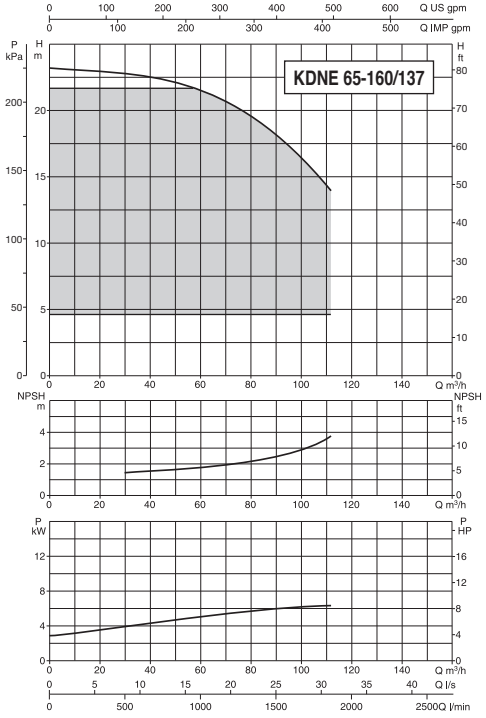
The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

KDNE WITH MCE/P

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

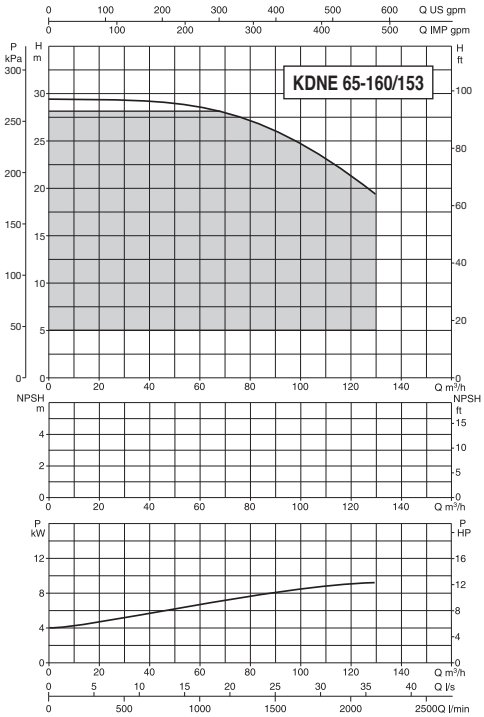
KDNE 65-160/137

≅ 2900 1/min

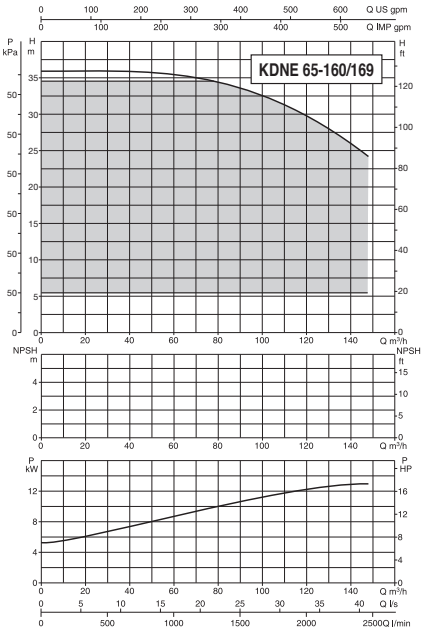


KDNE 65-160/153

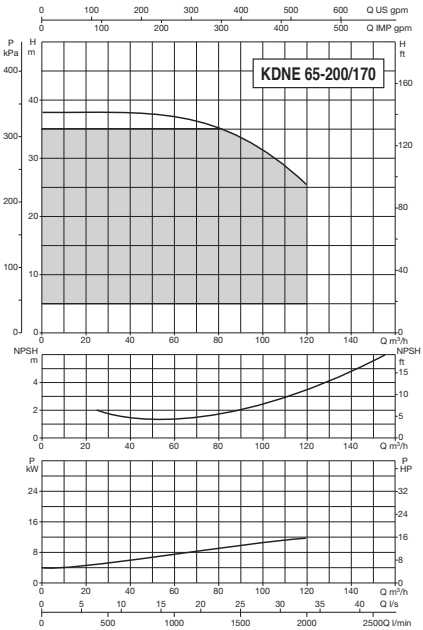
≅ 2900 1/min



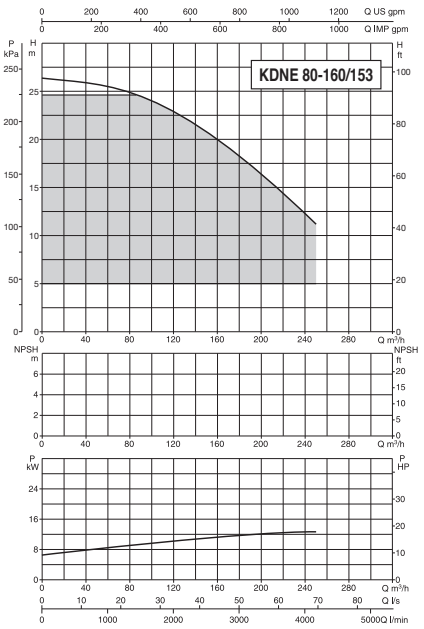
KDNE 65-160/169



KDNE 65-200/170

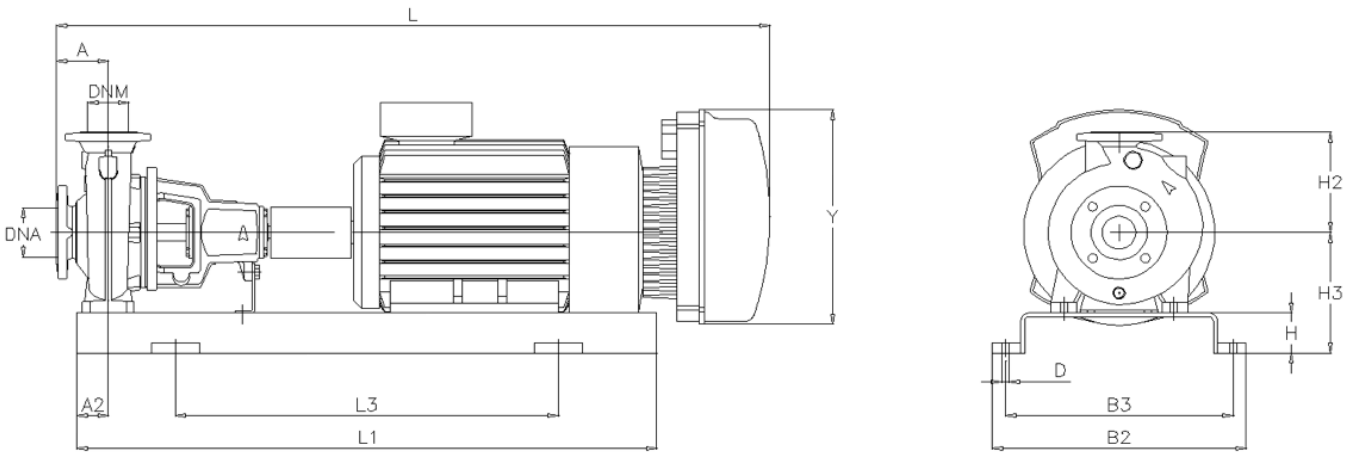


KDNE 80-160/153



The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

DIMENSIONS AND WEIGHTS



MODEL	H	H3	L1	L3	B2	B3	D	Y	STANDARD COUPLING		SPACER COUPLING	
									L	WEIGHT Kg	L	WEIGHT Kg
KDNE 32-125.1/130/A/BAQE/1/2.2/2 M MCE22/P IE2			900	600	390	350		262	989	104	1089	109
KDNE 32-125.1/140/A/BAQE/1/3/2 T MCE30/P IE2			900	600	390	350		353	1029	111	1129	116
KDNE 32-125/125/A/BAQE/1/2,2/2 M MCE22/P IE2			900	600	390	350		262	989	97	1089	102
KDNE 32-125/130/A/BAQE/1/3/2 T MCE30/P IE2			900	600	390	350		353	1029	105	1129	110
KDNE 32-125/142/A/BAQE/1/4/2 T MCE55/P IE2			900	600	390	350		353	1044	126	1144	131
KDNE 32-160.1/137/A/BAQE/1/1,5/2 M MCE15/P IE2			900	600	390	350		262	989	98	1089	103
KDNE 32-160.1/145/A/BAQE/1/2,2/2 M MCE22/P IE2			900	600	390	350		262	989	106	1089	111
KDNE 32-160.1/153/A/BAQE/1/3/2 T MCE30/P IE2			900	600	390	350		353	1026	111	1126	116
KDNE 32-160.1/177/A/BAQE/1/5,5/2 T MCE55/P IE2	80	212	1000	660	450	400	24	353	1159	145	1259	150
KDNE 32-160/145/A/BAQE/1/3/2 T MCE30/P IE2	80	212	1000	660	450	400	24	353	1026	111	1126	116
KDNE 32-160/161/A/BAQE/1/5,5/2 T MCE55/P IE2	80	212	1000	660	450	400	24	353	1159	145	1259	150
KDNE 32-160/177/A/BAQE/1/7,5/2 T MCE110/P IE2	80	212	1000	660	450	400	24	426	1209	152	1309	157
KDNE 32-200.1/170/A/BAQE/1/3/2 T MCE30/P IE2	80	212	1000	660	450	400	24	353	1026	149	1126	154
KDNE 32-200.1/190/A/BAQE/1/5,5/2 T MCE55/P IE2	80	212	1000	660	450	400	24	353	1159	152	1259	157
KDNE 32-200.1/207/A/BAQE/1/7,5/2 T MCE110/P IE2	80	212	1000	660	450	400	24	426	1209	179	1309	184
KDNE 32-200/180/A/BAQE/1/5,5/2 T MCE55/P IE2	80	212	1000	660	450	400	24	353	1159	152	1259	157
KDNE 32-200/200/A/BAQE/1/7,5/2 T MCE110/P IE2	80	212	1000	660	450	400	24	426	1209	190	1309	195
KDNE 32-200/210/A/BAQE/1/ 11/2 T MCE110/P IE2			1120	740	490	440		426	1319	250	1419	255
KDNE 32-200/219/A/BAQE/1/15/2 T MCE150/P IE2			1120	740	490	440		426	1319	261	1419	266
KDNE 40-125/142/A/BAQE/1/5,5/2 T MCE55/P IE2	80	212	1000	660	450	400	24	353	1159	143	1259	148
KDNE 40-160/145/A/BAQE/1/5,5/2 T MCE55/P IE2	80	212	1000	660	450	400	24	353	1159	169	1259	174
KDNE 40-160/161/A/BAQE/1/7,5/2 T MCE110/P IE2	80	212	1000	660	450	400	24	426	1209	178	1309	183

DAB PUMPS reserves the right to make modifications without notice

DIMENSIONS AND WEIGHTS

MODEL	H	H3	L1	L3	B2	B3	D	Y	STANDARD COUPLING		SPACER COUPLING	
									L	WEIGHT Kg	L	WEIGHT Kg
KDNE 40-160/177/A/BAQE/1/11/2 T MCE110/P IE2		240	1120	740	490	440		426	1319	186	1419	191
KDNE 40-200/180/A/BAQE/1/7,5/2 T MCE110/P IE2		240	1120	740	490	440		426	1229	160	1329	165
KDNE 40-200/200/A/BAQE/1/11/2 T MCE110/P IE2			1120	740	490	440		426	1339	234	1439	239
KDNE 40-200/219/A/BAQE/1/15/2 T MCE150/P IE2			1120	740	490	440		426	1339	244	1439	249
KDNE 40-250/240/A/BAQE/1/3/4 MCE30/P IE2			1120	740	490	440		353	1046	158	1146	163
KDNE 40-250/250/A/BAQE/1/4/4 MCE55/P IE2			1120	740	490	440		353	1069	209	1169	214
KDNE 40-250/220/A/BAQE/1/15/2 T MCE150/P IE2			1120	740	490	440		426	1339	291	1439	296
KDNE 50-125/139/A/BAQE/1/7,5/2 T MCE110/P IE2			1120	740	490	440		426	1229	156	1329	161
KDNE 50-125/144/A/BAQE/1/11/2 T MCE110/P IE2		240	1120	740	490			426	1339	156	1439	161
KDNE 50-160/145/A/BAQE/1/7,5/2 T MCE110/P IE2		240	1120	740	490			426	1229	190	1329	195
KDNE 50-160/161/A/BAQE/1/11/2 T MCE110/P IE2			1120	740	490	440		426	1339	201	1439	206
KDNE 50-160/177/A/BAQE/1/15/2 T MCE150/P IE2			1120	740	490	440		426	1339	213	1439	218
KDNE 50-200/180/A/BAQE/1/11/2 T MCE110/P IE2			1120	740	490	440		426	1339	199	1439	204
KDNE 50-200/190/A/BAQE/1/15/2 T MCE150/P IE2			1120	740	490	440		426	1339	293	1439	298
KDNE 50-250/263/A/BAQE/1/5,5/4 MCE55/P IE2			1120	740	490	440		353	1179	182	1279	187
KDNE 65-125/130/A/BAQE/1/7,5/2 T MCE110/P IE2			1120	740	490	440		426	1229	159	1329	164
KDNE 65-125/144/A/BAQE/1/11/2 T MCE110/P IE2			1120	740	490	440		426	1339	188	1439	193
KDNE 65-160/137/A/BAQE/1/7,5/2 T MCE110/P IE2			1120	740	490	440		426	1229	186	1329	191
KDNE 65-160/153/A/BAQE/1/11/2 T MCE110/P IE2			1120	740	490	440		426	1339	196	1439	201
KDNE 65-160/169/A/BAQE/1/15/2 T MCE150/P IE2			1120	740	490	440		426	1339	233	1439	238
KDNE 65-200/170/A/BAQE/1/15/2 T MCE150/P IE2			1120	740	490	440		426	1339	292	1439	297
KDNE 65-250/240/A/BAQE/1/5,5/4 MCE55/P IE2			1120	740	490	440		353	1289	210	1429	215
KDNE 65-250/263/A/BAQE/1/7,5/4 MCE110/P IE2			1120	740	490	440		426	1339	270	1479	275
KDNE 65-315/260/A/BAQE/1/7,5/4 MCE110/P IE2			1120	740	490	440		426	1364	305	1464	310
KDNE 65-315/290/A/BAQE/1/11/4 MCE110/P IE2			1120	740	490	440		426	1474	310	1574	315
KDNE 65-315/320/A/BAQE/1/15/4 MCE150/P IE2	100	325	1400	940	610	550	28	426	1519	310	1619	315
KDNE 80-160/153-136/A/BAQE/1/15/2 T MCE150/P IE2	100	325	1400	940	610	550	28	426	1364	311	1464	316
KDNE 80-250/230/A/BAQE/1/7,5/4 MCE110/P IE2	100	325	1400	940	610	550	28	426	1519	232	1619	237
KDNE 80-250/260/A/BAQE/1/11/4 MCE110/P IE2	100	325	1400	940	610	550	28	426	1519	271	1659	276
KDNE 80-250/270/A/BAQE/1/15/4 MCE150/P IE2	100	325	1400	940	610	550	28	426	1519	290	1659	295
KDNE 80-315/290/A/BAQE/1/15/4 MCE150/P IE2	100	350	1400	940	610	550	28	426	1519	403	1659	408
KDNE100-250/260/A/BAQE/1/15/4 MCE150/P IE2	100	325	1400	940	610	550	28	426	1534	313	1674	318
KDNE100-315/275/A/BAQE/1/15/4 MCE150/P IE2	100	350	1400	940	610	550	28	426	1534	313	1674	318

KVCE 30-50-80-120

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS WITH INVERTER MCE/P

MCE/P
PAG. 6



ENERGY EFFICIENCY IE2

CE

PRESSURIZATION

Vertical multistage centrifugal pump suitable for small and medium consumption water systems. Particularly versatile thanks to the use of the **MCE/P** inverter, this pump guarantees the automatic adjustment of its performance to the various system requirements, while maintaining constant the differential pressure. Suitable for booster sets, feeding of drip and spray irrigation systems and washing systems. Innovative and sturdy design. Discharge/suction body in technopolymer and IN-LINE suction and discharge ports with threaded metal insert.
Impellers, diffuser bodies and diffusers in technopolymer, entirely stainless.
Pump liner, wear rings and seal plate in AISI 304 stainless steel. Mechanical seal in carbon/ceramic, mounted on motor shaft extension in stainless steel AISI 303. Asynchronous, closed motor cooled by external ventilation. Motor shaft mounted on oversized greased sealed-for-life ball bearings to ensure silent running and long life.
Construction to CEI 2-3 and CEI 61-69 (EN 60335-2-41)

Protection rating: IP 55.
Insulation class: F.
Standard voltage:
single-phase 1x220-240 V / 50/60 Hz
three-phase 3x400 V / 50 Hz
Operating range:
from 1 to 12 m3/h with head up to 107 meters.
Pumped liquid: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, close to the properties of water.
Liquid temperature range:
from 0°C to +35°C for domestic use (Safety standards EN 60335-2-41).
from 0°C to +40°C for other uses.
Maximum ambient temperature: +40°C.
Maximum working pressure: 12 bar (1200 kPa).
Installation: fixed, in a vertical position.

ACCESSORIES
PAG. 443

KVCE 30-50-80-120 WITH MCE/P - FOR PRESSURIZATION SYSTEM

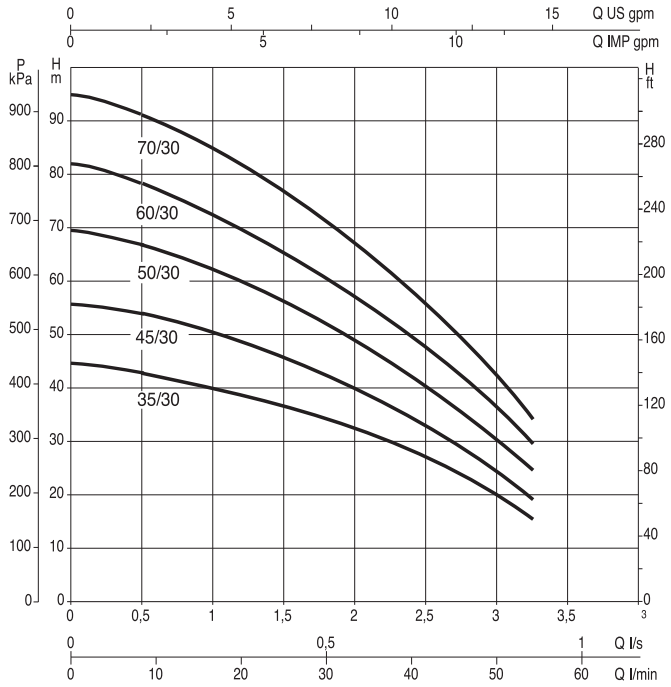
MODEL	CODE	N° IMPELLERS	ELECTRICAL DATA					HYDRAULIC DATA																			
			VOLTAGE 50 Hz	P2 NOMINAL		In A	n.r.p.m.	Q=m³h	0	0,6	1,2	1,8	2,4	3	3,3	3,9	4,8	5,4	6	7,2	8,4	9,6	10,8	12
				kW	HP			Q=l/min	0	10	20	30	40	50	55	65	80	90	100	120	140	160	180	200
KVCE 35-30 M MCE11/P	60144866	4	1 x 230V	0,45	0,6	6,63	2822		45,6	43,2	39,1	34,1	28,2	20,2	15,6												
KVCE 45-30 M MCE11/P	60144867	5	1 x 230V	0,55	0,75	7,71	2788		56,6	53,5	48,4	42,0	34,6	24,5	19,0												
KVCE 50-30 M MCE11/P	60144868	6	1 x 230V	0,75	1,0	8,36	2858		69,8	66,2	59,9	52,2	43,1	30,9	23,9												
KVCE 60-30 M MCE11/P	60144869	7	1 x 230V	0,8	1,1	9,19	2842		82,0	77,0	70,0	61,0	49,5	35,5	27,5												
KVCE 70-30 M MCE11/P	60144870	8	1 x 230V	1,0	1,36	10,2	2850		95,0	90,0	81,5	71,0	58,7	42,0	32,5												
KVCE 30-50 M MCE11/P	60144871	3	1 x 230V	0,55	0,75	8,51	2714		41,1	40,3	39,0	37,3	34,7	31,6	29,7	25,3	17,1										
KVCE 40-50 M MCE11/P	60144872	4	1 x 230V	0,8	1,1	10,2	2816		54,9	53,7	52,0	49,7	46,3	42,1	39,6	33,7	22,9										
KVCE 55-50 M MCE11/P	60144873	5	1 x 230V	1,0	1,4	12	2795		68,6	67,1	65,0	62,1	57,9	52,7	49,5	42,1	28,6										
KVCE 65-50 M MCE15/P	60144874	6	1 x 230V	1,1	1,5	14,6	2870		82,3	80,6	78,0	74,6	69,4	63,2	59,4	50,6	34,3										
KVCE 75-50 M MCE15/P	60144875	7	1 x 230V	1,5	2,0	16,6	2847		96,0	94,0	91,0	87,0	81,0	73,8	69,3	59,0	40,0										
KVCE 30-80 M MCE11/P	60144876	4	1 x 230V	0,8	1,1	9,99	2827	H (m)	46,6	45,8	44,6	43,4	41,8	39,5	38,0	35,2	29,8	25,5	21,0	11,0					
KVCE 40-80 M MCE11/P	60144877	5	1 x 230V	1,0	1,36	11,7	2805		58,8	57,9	56,5	55,0	53,1	50,3	48,5	45,0	38,4	33,1	27,6	15,1							
KVCE 45-80 M MCE15/P	60144878	6	1 x 230V	1,1	1,5	14,2	2880		71,3	70,2	68,7	66,9	64,7	61,4	59,4	55,3	47,5	41,4	34,9	19,9							
KVCE 55-80 M MCE15/P	60144879	7	1 x 230V	1,5	2,0	16	2851		84,0	82,8	81,2	79,2	76,6	72,9	70,7	66,0	57,1	50,3	42,8	25,5							
KVCE 65-80 M MCE22/P	60144880	8	1 x 230V	2,2	3,0	18	2852		97,0	95,7	94,0	91,8	88,9	84,7	82,5	77,2	67,3	59,9	51,5	32,0							
KVCE 35-120 M MCE15/P	60144881	3	1 x 230V	1,1	1,5	16	2857		46,2	46,1	45,7	45,3	44,8	44,0	43,7	42,7	40,9	39,3	37,4	33,7	29,4	24,2	18,0	11,0			
KVCE 45-120 M MCE22/P	60144882	4	1 x 230V	1,84	2,5	19,5	2835		62,4	62,0	61,4	60,8	60,1	59,1	58,6	57,5	55,3	53,4	51,4	46,2	40,6	34,0	26,3	17,0			
KVCE 60-120 T MCE30/P	60144883	5	3 x 400V	2,2	3,0	6,91	2765		78,0	77,5	76,7	75,9	75,1	73,9	73,3	71,5	68,3	65,9	63,2	58,0	51,0	43,4	35,0	24,5			
KVCE 70-120 T MCE30/P	60144884	6	3 x 400V	2,2	3,0	8,26	2794		95,0	94,3	93,4	92,5	91,4	89,8	88,9	86,8	83,2	80,5	77,9	71,7	63,9	54,7	44,0	31,0			
KVCE 85-120 T MCE30/P	60144885	7	3 x 400V	2,2	3,0	9,18	2755		112,7	111,6	110,3	109,0	107,6	105,7	104,5	101,9	97,5	94,1	89,9	81,6	72,1	61,2	48,9	34,0			

DAB PUMPS reserves the right to make modifications without notice

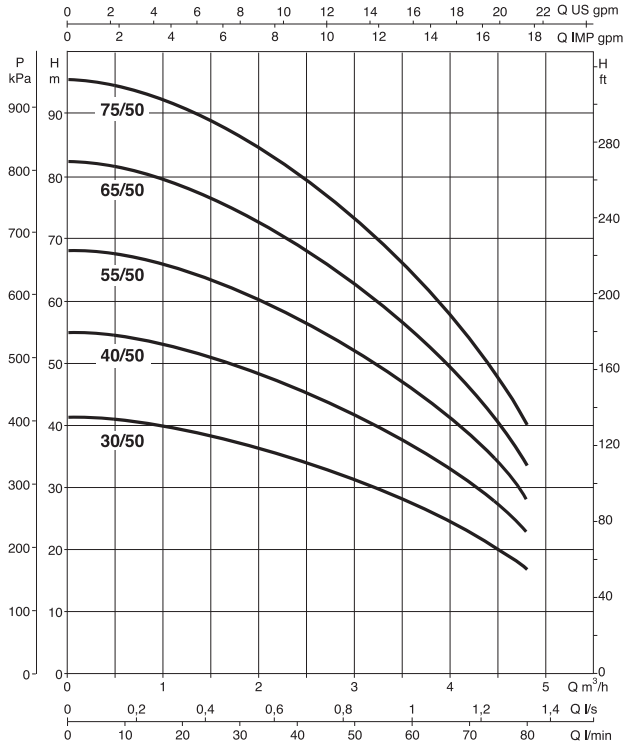
KVCE 30-50-80-120

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS WITH INVERTER MCE/P

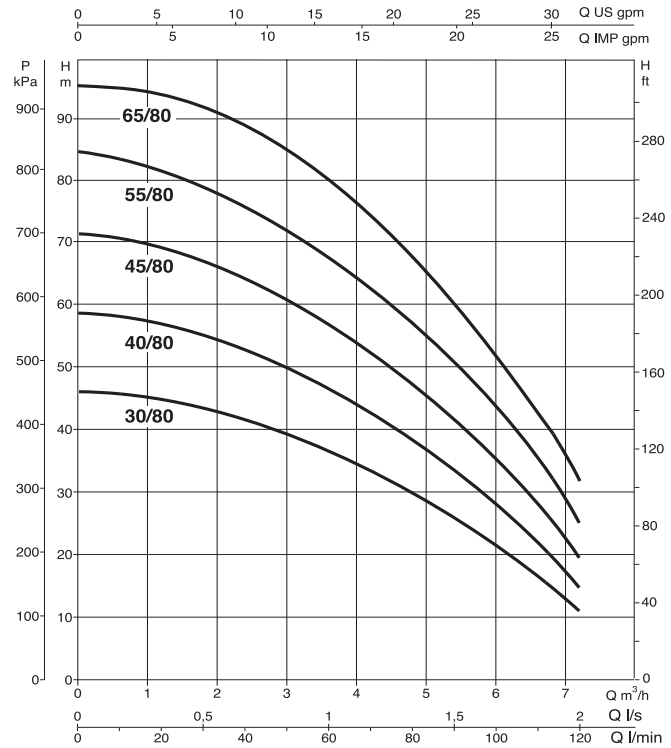
KVCE 30



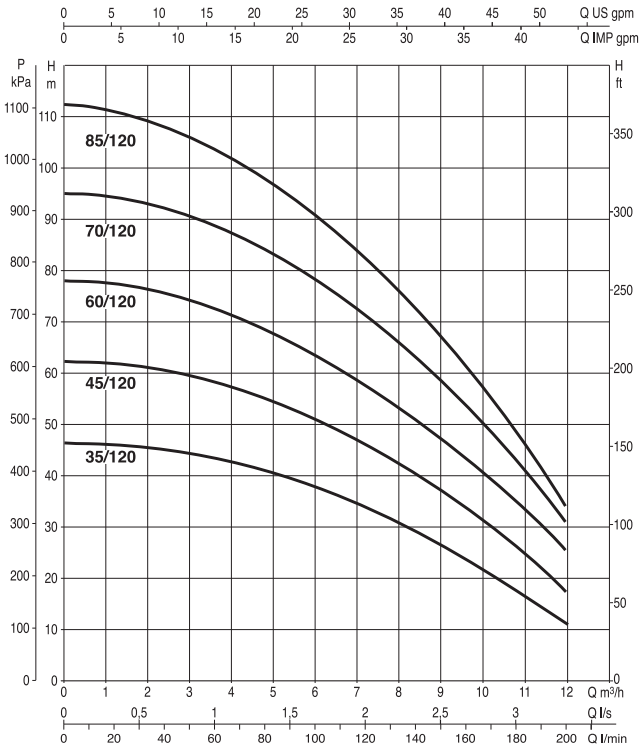
KVCE 50



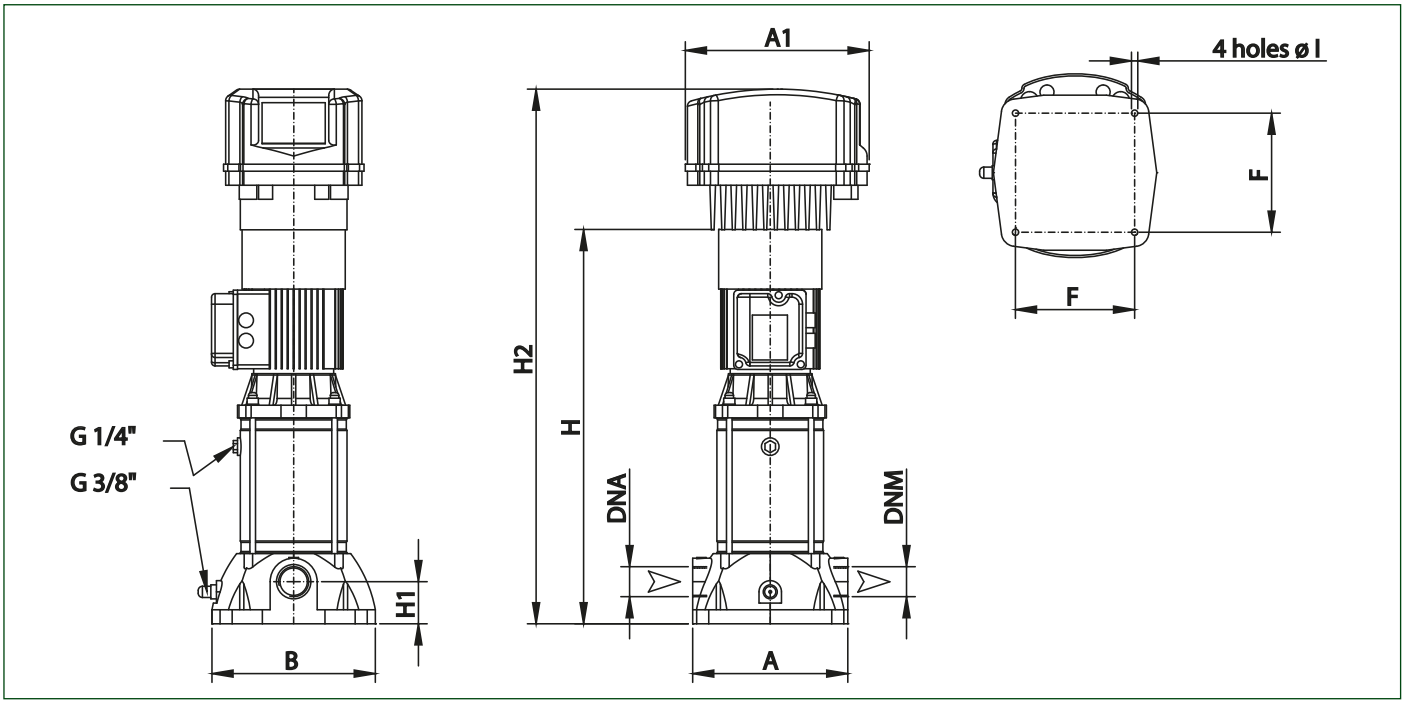
KVCE 80



KVCE 120



DIMENSIONS AND WEIGHTS



MODEL	A	B	F	H	H1	H2	ØI	DNA GAS	DNM GAS	PACKAGING DIMENSIONS			VOLUME m^3	WEIGHT Kg
										L/A	L/B	H		
KVCE 35-30 M MCE11/P	221	235	170	562	60	762	9	1"¼	1"¼	300	360	856	0,092	19,6
KVCE 45-30 M MCE11/P	221	235	170	562	60	762	9	1"¼	1"¼	300	360	856	0,092	19,6
KVCE 50-30 M MCE11/P	221	235	170	655	60	855	9	1"¼	1"¼	300	360	935	0,101	20,9
KVCE 60-30 M MCE11/P	221	235	170	655	60	855	9	1"¼	1"¼	300	360	935	0,101	20,9
KVCE 70-30 M MCE11/P	221	235	170	682	60	882	9	1"¼	1"¼	300	360	976	0,105	22,7
KVCE 30-50 M MCE11/P	221	235	170	506	60	706	9	1"¼	1"¼	300	360	800	0,086	19,1
KVCE 40-50 M MCE11/P	221	235	170	562	60	762	9	1"¼	1"¼	300	360	856	0,092	22,4
KVCE 55-50 M MCE11/P	221	235	170	562	60	762	9	1"¼	1"¼	300	360	856	0,092	22,4
KVCE 65-50 M MCE15/P	221	235	170	655	60	855	9	1"¼	1"¼	300	360	935	0,101	26,4
KVCE 75-50 M MCE15/P	221	235	170	655	60	855	9	1"¼	1"¼	300	360	935	0,101	26,4
KVCE 30-80 M MCE11/P	221	235	170	562	60	762	9	1"¼	1"¼	300	360	856	0,092	22,4
KVCE 40-80 M MCE11/P	221	235	170	562	60	762	9	1"¼	1"¼	300	360	856	0,092	22,4
KVCE 45-80 M MCE15/P	221	235	170	655	60	855	9	1"¼	1"¼	300	360	935	0,101	26,4
KVCE 55-80 M MCE15/P	221	235	170	655	60	855	9	1"¼	1"¼	300	360	935	0,101	26,4
KVCE 65-80 M MCE22/P	221	235	170	680	60	880	9	1"¼	1"¼	300	360	960	0,104	27,4
KVCE 35-120 M MCE15/P	221	235	170	505	60	705	9	1"¼	1"¼	300	360	785	0,085	23,8
KVCE 45-120 M MCE22/P	221	235	170	635	60	835	9	1"¼	1"¼	300	360	915	0,099	29,0
KVCE 60-120 T MCE30/P	221	235	170	635	60	835	9	1"¼	1"¼	300	360	915	0,099	27,1
KVCE 70-120 T MCE30/P	221	235	170	730	60	930	9	1"¼	1"¼	300	360	1010	0,109	30,8
KVCE 85-120 T MCE30/P	221	235	170	730	60	930	9	1"¼	1"¼	300	360	1010	0,109	30,8

DAB PUMPS reserves the right to make modifications without notice

KVE 3-6-10

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS WITH INVERTER MCE/P

MCE/P
PAG. 6



ENERGY EFFICIENCY IE2

PRESSURIZATION

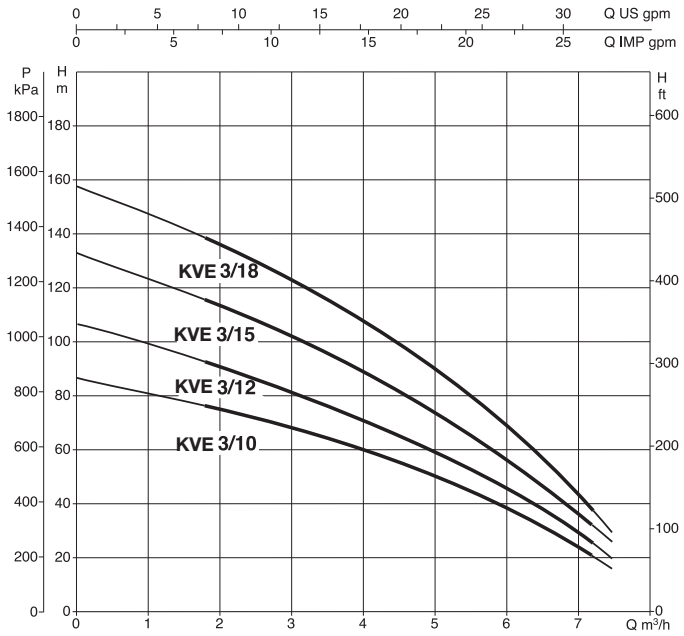
Vertical multistage centrifugal pump suitable for small and medium consumption water systems. Particularly versatile thanks to the use of the **MCE/P** inverter, this pump guarantees the automatic adjustment of its performance to the various system requirements, while maintaining constant the differential pressure. Suitable for booster sets, feeding of drip and spray irrigation systems and washing systems. Corrosion treated cast iron discharge and suction bodies. Impellers, diffuser bodies and diffusers in technopolymer. Pump liner, shaft with relative sliding bush and wear rings in stainless steel. Bronze sliding bush guide, self-lubricated by the pumped liquid. Carbon/ceramic mechanical seal. Motor shaft - pump shaft connection with rigid coupling. Asynchronous, closed motor cooled by external ventilation. Threaded counter flanges supplied as standard.

Protection rating: IP 55.
Insulation class: F.
Standard voltage:
single-phase 1x220-240 V / 50/60 Hz
three-phase 3x400 V / 50 Hz
Operating range:
from 1.8 to 13.5 m^3/h with head up to 158 meters.
Liquid temperature range:
from 0°C to +35°C for domestic use
from -15°C to 110°C for other uses.
Pumped liquid: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallized and chemically neutral.
Maximum ambient temperature: + 40°C.
Maximum working pressure: 18 bar (1800 kPA).
Protection rating: IP 55.
Insulation class: F.
Installation: fixed, in a vertical position.

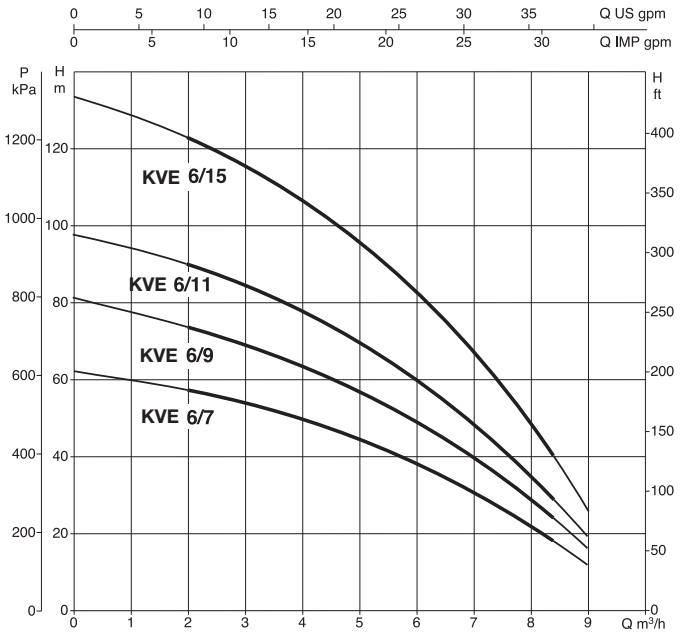
KVE 3-6-10 WITH MCE/P - FOR PRESSURIZATION SYSTEM

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA									
		VOLTAGE 50 Hz	P2 NOMINAL		In A	n.r.p.m.	Q=m^3h	0	1,8	3,6	5,4	7,2	8,4	10,2	12	13,8
			kW	HP			Q=l/min	0	30	60	90	120	140	170	200	230
KVE 3/10 M MCE15/P	60144886	1 x 230V	1,1	1,5	13,5	2890	H (m)	88	77	63,5	45,7	21				
KVE 3/12 M MCE15/P	60144887	1 x 230V	1,5	2	15,4	2851		105,6	92,4	76,2	54,8	25,2				
KVE 3/15 M MCE22/P	60144888	1 x 230V	1,85	2,5	18,2	2844		132	115,5	95,3	68,6	31,5				
KVE 3/18 T MCE30/P	60144889	3 x 400V	2,2	3	7,06	2854		158,4	138,6	114,3	82,3	37,8				
KVE 6/7 M MCE11/P	60144890	1 x 230V	1,1	1,5	12,7	2890		62,3	57,8	51,5	42,5	29,5	18,6			
KVE 6/9 M MCE15/P	60144891	1 x 230V	1,5	2	15,5	2856		80,1	74,3	66,2	54,6	38	23,9	16,4	12,0	
KVE 6/11 M MCE15/P	60144892	1 x 230V	1,84	2,5	17,8	2825		97,9	90,8	81	66,8	46,4	29,2	24,2	18,0	
KVE 6/15 T MCE30/P	60144893	3 x 400V	2,2	3	7,41	2832		133,5	123,8	110,4	91,1	63,3	39,8	34,0	26,3	
KVE 10/4 M MCE11/P	60144894	1 x 230V	1,1	1,5	16,3	2853		38,2	37,4	36,2	34,4	32	29,7	25,5	20	12,6
KVE 10/5 M MCE15/P	60144895	1 x 230V	1,5	2	17,3	2827		47,8	46,8	45,2	43	40	37,2	31,9	25	15,8
KVE 10/6 M MCE22/P	60144896	1 x 230V	1,84	2,5	20,2	2813		57,3	56,1	54,2	51,6	48	44,6	38,2	30	18,9
KVE 10/8 T MCE30/P	60144897	3 x 400V	2,2	3	8,01	2810		76,4	74,8	72,3	68,8	64	59,4	51	40	25,2

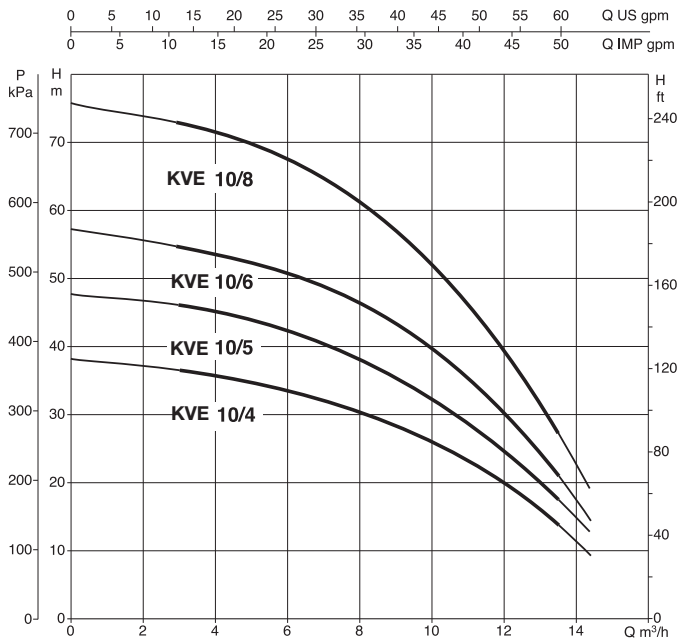
KVE 3



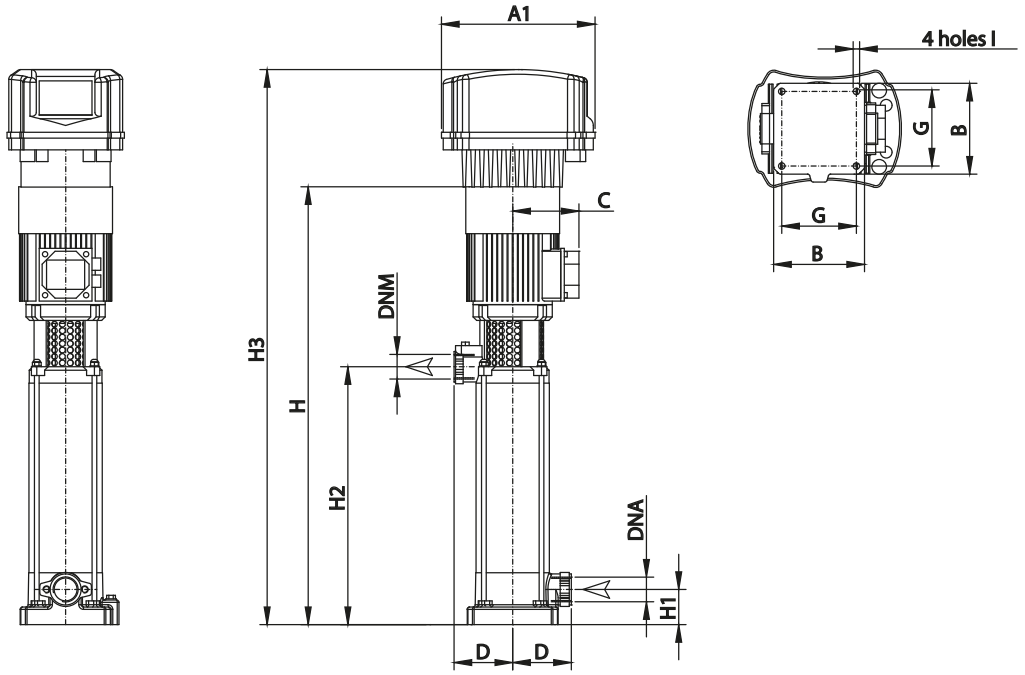
KVE 6



KVE 10



DIMENSIONS AND WEIGHTS



MODEL	A1	B	C	D	G	I	H	H1	H2	H3	DNA GAS	DNM GAS	PACKAGING DIMENSIONS			VOLUME m^3	WEIGHT Kg
													L/A	L/B	H		
KVE 3/10 M MCE15/P	262	155	140	100	127	11	779	60	472	979	1,¼"	1¼"	1350	255	310	0,107	30,7
KVE 3/12 M MCE15/P	262	155	160	100	127	11	843	60	536	1043	1,¼"	1¼"	1350	255	310	0,107	32,4
KVE 3/15 M MCE22/P	262	155	160	100	127	11	1013	60	632	1213	1,¼"	1¼"	1350	255	310	0,107	36,3
KVE 3/18 T MCE30/P	262	155	160	100	127	11	1109	60	728	1304	1,¼"	1¼"	1350	255	310	0,107	40,2
KVE 6/7 M MCE11/P	262	155	140	100	127	11	683	60	376	883	1,¼"	1¼"	1350	255	310	0,107	29,6
KVE 6/9 M MCE15/P	262	155	160	100	127	11	747	60	440	947	1,¼"	1¼"	1350	255	310	0,107	31,2
KVE 6/11 M MCE15/P	262	155	160	100	127	11	885	60	504	1085	1,¼"	1¼"	1350	255	310	0,107	32,1
KVE 6/15 T MCE30/P	262	155	160	100	127	11	1013	60	632	1213	1,¼"	1¼"	1350	255	310	0,107	38,9
KVE 10/4 M MCE11/P	262	155	140	100	127	11	587	60	280	787	1,¼"	1¼"	1350	255	310	0,107	27,5
KVE 10/5 M MCE15/P	262	155	160	100	127	11	619	60	312	819	1,¼"	1¼"	1350	255	310	0,107	29
KVE 10/6 M MCE22/P	262	155	160	100	127	11	725	60	344	925	1,¼"	1¼"	1350	255	310	0,107	32,3
KVE 10/8 T MCE30/P	262	155	160	100	127	11	789	60	408	989	1,¼"	1¼"	1350	255	310	0,107	34,5

NKVE 10-15-20

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS WITH INVERTER MCE/P

MCE/P
PAG. 6



ENERGY EFFICIENCY IE2

PRESSURIZATION

Vertical multistage centrifugal pump suitable for medium and high consumption water systems. Particularly versatile thanks to the use of the **MCE/P** inverter, this pump guarantees the automatic adjustment of its performance to the various system requirements, while maintaining constant the differential pressure. All parts in contact with liquid are stainless. Pump body interior in AISI 304 stainless steel and ULTEM, impellers, jacket in AISI 304 stainless steel. Pump body exterior in cast iron with electrophoresis treatment, spider in cast iron. "Cartridge" type maintenance-free Silicon/Silicon mechanical seal. Motor-pump connection with rigid coupling.

Protection rating: IP 55.
Insulation class: F.
Standard voltage:
single-phase 1x220-240 V / 50/60 Hz
three-phase 3x400 V / 50 Hz
Operating range:
from 4 to 29 m^3/h with head up to 231 meters.
Pumped liquid: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, close to the properties of water.
Liquid temperature range: from -15°C to +120°C.
Maximum ambient temperature: +40°C.
Maximum working pressure: 25 bar (2500kPa).
Installation: fixed, in a vertical position.

ACCESSORIES
PAG. 443

NKVE 10-15-20 WITH MCE/P - FOR PRESSURIZATION SYSTEM

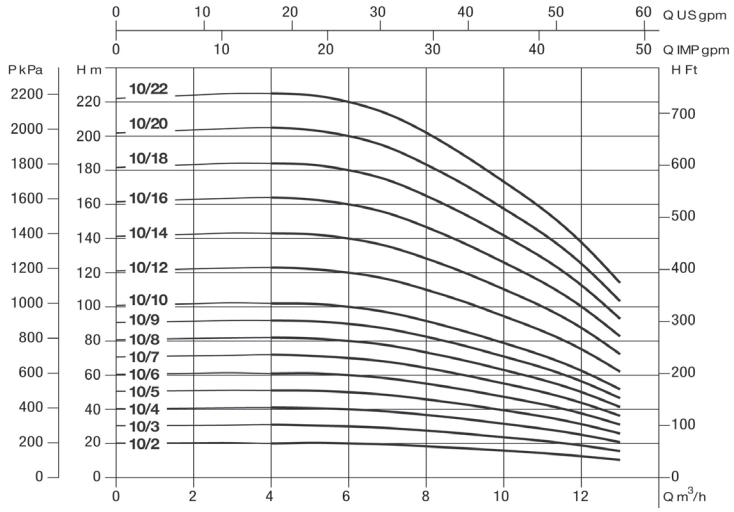
MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA					
		VOLTAGE 50 Hz	P2 NOMINAL		In A	n.r.p.m.	Q=m^3h	0	4	8	10	12
			kW	HP			Q=l/min	0	66	132	167	200
NKVE 10/2 M MCE11/P	60144900	1 x 230V ~	0,75	1	7,17	2896		20,2	20	18,3	15,8	12,5
NKVE 10/3 M MCE11/P	60144901	1 x 230V ~	1,1	1,5	9,92	2888		30,3	31	27,5	23,6	18,8
NKVE 10/4 M MCE11/P	60144902	1 x 230V ~	1,5	2	12,74	2904		40,4	41	36,7	31,5	25,1
NKVE 10/5 M MCE15/P	60144903	1 x 230V ~	2,2	3	15,30	2911		50,5	51	45,8	39,4	31,3
NKVE 10/6 M MCE15/P	60144904	1 x 230V ~	2,2	3	17,51	2890		60,5	61	55,0	47,3	37,6
NKVE 10/7 T MCE30/P	60144905	3 x 400 V ~	3,0	4	6,06	2922		70,6	72	64,2	55,1	43,8
NKVE 10/8 T MCE30/P	60144906	3 x 400 V ~	3,0	4	6,54	2906		80,7	82	73,3	63,0	50,1
NKVE 10/9 T MCE30/P	60144907	3 x 400 V ~	3,0	4	7,13	2886	H (m)	90,8	92	82,5	70,9	56,4
NKVE 10/10 T MCE30/P	60144908	3 x 400 V ~	4,0	5,5	8,66	2929		100,9	102	91,7	78,8	62,6
NKVE 10/12 T MCE55/P	60144909	3 x 400 V ~	4,0	5,5	10,08	2911		121,1	123	110,0	94,5	75,2
NKVE 10/14 T MCE55/P	60144910	3 x 400 V ~	5,5	7,5	11,78	2923		141,3	143	128,3	110,3	87,7
NKVE 10/16 T MCE55/P	60144911	3 x 400 V ~	5,5	7,5	13,17	2909		161,5	164	146,7	126,0	100,2
NKVE 10/18 T MCE55/P	60144912	3 x 400 V ~	7,5	10	14,72	2922		181,6	184	165,0	141,8	112,7
NKVE 10/20 T MCE55/P	60144913	3 x 400 V ~	7,5	10	16,05	2912		201,8	205	183,3	157,5	125,3
NKVE 10/22 T MCE110/P	60144914	3 x 400 V ~	7,5	10	17,29	2902		222	225	202	173,3	137,8

DAB PUMPS reserves the right to make modifications without notice

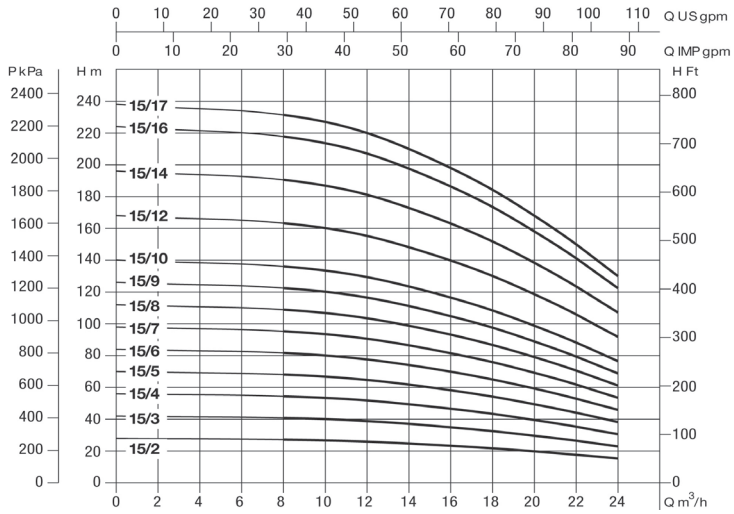
NKVE 10-15-20 WITH MCE/P - FOR PRESSURIZATION SYSTEM

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA												
		VOLTAGE 50 Hz	P2 NOMINAL		In A	n.r.p.m.	Q=m³h	0	4	8	10	12	14	16	18	20	22	24	26	29
			kW	HP			Q=l/min	0	66	132	167	200	233	264	300	334	367	400	433	483
NKVE 15/2 M MCE15/P	60144915	1 x 230V ~	2,2	3	14,49	2919		27,2	26,7	26	26,1	25,5	24,5	23,2	21,6	19,8	17,4	14,6		
NKVE 15/3 T MCE30/P	60144916	3 x 400 V ~	3,0	4	6,06	2922		40,8	40,0	40	39,1	38,3	36,8	34,8	32,5	29,7	26,1	21,9		
NKVE 15/4 T MCE30/P	60144917	3 x 400 V ~	4,0	5,5	7,95	2938		54,4	53,4	53	52,1	51,0	49,0	46,4	43,3	39,6	34,8	29,2		
NKVE 15/5 T MCE55/P	60144918	3 x 400 V ~	4,0	5,5	9,77	2915		68,0	66,7	66	65,2	63,8	61,3	58,1	54,1	49,5	43,5	36,5		
NKVE 15/6 T MCE55/P	60144919	3 x 400 V ~	5,5	7,5	10,97	2932		81,6	80,1	79	78,2	76,5	73,6	69,7	64,9	59,4	52,2	43,8		
NKVE 15/7 T MCE55/P	60144920	3 x 400 V ~	5,5	7,5	12,84	2912		95,2	93,4	92	91,2	89,3	85,8	81,3	75,8	69,3	60,9	51,1		
NKVE 15/8 T MCE55/P	60144921	3 x 400 V ~	7,5	10	14,74	2922		108,8	106,8	106	104,3	102,0	98,1	92,9	86,6	79,2	69,6	58,4		
NKVE 15/9 T MCE55/P	60144922	3 x 400 V ~	7,5	10	16,30	2910		122,4	120,1	119	117,3	114,8	110,3	104,5	97,4	89,1	78,4	65,7		
NKVE 15/10 T MCE110/P	60144923	3 x 400 V ~	11,0	15	18,82	2952		136,0	133,5	132	130,4	127,5	122,6	116,1	108,2	99,0	87,1	73,0		
NKVE 15/12 T MCE110/P	60144924	3 x 400 V ~	11,0	15	21,94	2941		163,2	160,2	158	156,4	153,0	147,1	139,3	129,9	118,8	104,5	87,6		
NKVE 15/14 T MCE110/P	60144925	3 x 400 V ~	11,0	15	25,04	2931		190,4	186,9	185	182,5	178,5	171,6	162,6	151,5	138,6	121,9	102,2		
NKVE 15/16 T MCE110/P	60144926	3 x 400 V ~	15,0	20	29,13	2953		217,6	213,6	211	208,6	204,0	196,1	185,8	173,2	158,4	139,3	116,8		
NKVE 15/17 T MCE150/P	60144927	3 x 400 V ~	15,0	20	30,54	2949	H (m)	231,2	226,9	225	221,6	216,7	208,4	197,4	184	168,3	148	124,1		
NKVE 20/2 M MCE15/P	60144928	1 x 230V ~	2,2	3	17,58	2889		29,3	28,8	28,8	28,6	28	27,6	26,9	25,9	24,6	22,9	21,2	19,1	15,8
NKVE 20/3 T MCE30/P	60144929	3 x 400 V ~	4,0	5,5	7,81	2940		43,9	43,2	43,1	42,9	42	41,5	40,4	38,8	36,9	34,4	31,8	28,7	23,6
NKVE 20/4 T MCE55/P	60144934	3 x 400 V ~	5,5	7,5	10,26	2939		58,6	57,6	57,5	57,2	56	55,3	53,8	51,8	49,2	45,9	42,4	38,2	31,5
NKVE 20/5 T MCE55/P	60144935	3 x 400 V ~	5,5	7,5	11,68	2924		73,2	71,9	71,9	71,5	71	69,1	67,3	64,7	61,5	57,4	52,9	47,8	39,4
NKVE 20/6 T MCE55/P	60144936	3 x 400 V ~	7,5	10	14,38	2925		87,9	86,3	86,3	85,8	85	82,9	80,7	77,7	73,8	68,8	63,5	57,4	47,3
NKVE 20/7 T MCE55/P	60144937	3 x 400 V ~	7,5	10	16,07	2911		102,5	100,7	100,6	100,1	99	96,8	94,2	90,6	86,1	80,3	74,1	66,9	55,2
NKVE 20/8 T MCE110/P	60144938	3 x 400 V ~	11,0	15	19,13	2951		117,2	115,1	115,0	114,4	113	110,6	107,6	103,6	98,4	91,8	84,7	76,5	63,1
NKVE 20/9 T MCE110/P	60144930	3 x 400 V ~	11,0	15	20,74	2945		131,8	129,5	129,4	128,8	127	124,4	121,1	116,5	110,8	103,2	95,3	86,0	70,9
NKVE 20/10 T MCE110/P	60144931	3 x 400 V ~	11,0	15	23,26	2937		146,5	143,9	143,8	143,1	141	138,2	134,5	129,5	123,1	114,7	105,9	95,6	78,8
NKVE 20/12 T MCE110/P	60144932	3 x 400 V ~	15,0	20	27,87	2956		175,8	172,7	172,5	171,7	169	165,9	161,4	155,4	147,7	137,6	127,1	114,7	94,6
NKVE 20/14 T MCE150/P	60144933	3 x 400 V ~	15,0	20	31,97	2945		205,1	201,4	201,3	200,3	198	193,5	188,3	181,3	172,3	160,6	148,2	133,8	110,4

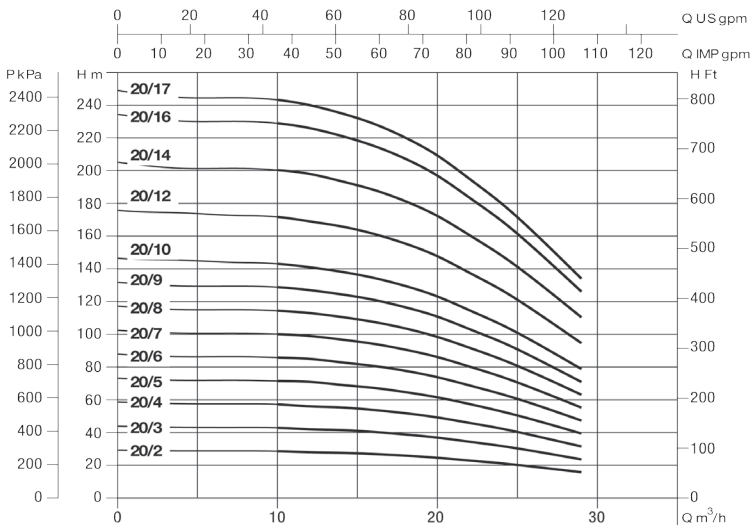
NKVE 10



NKVE 15

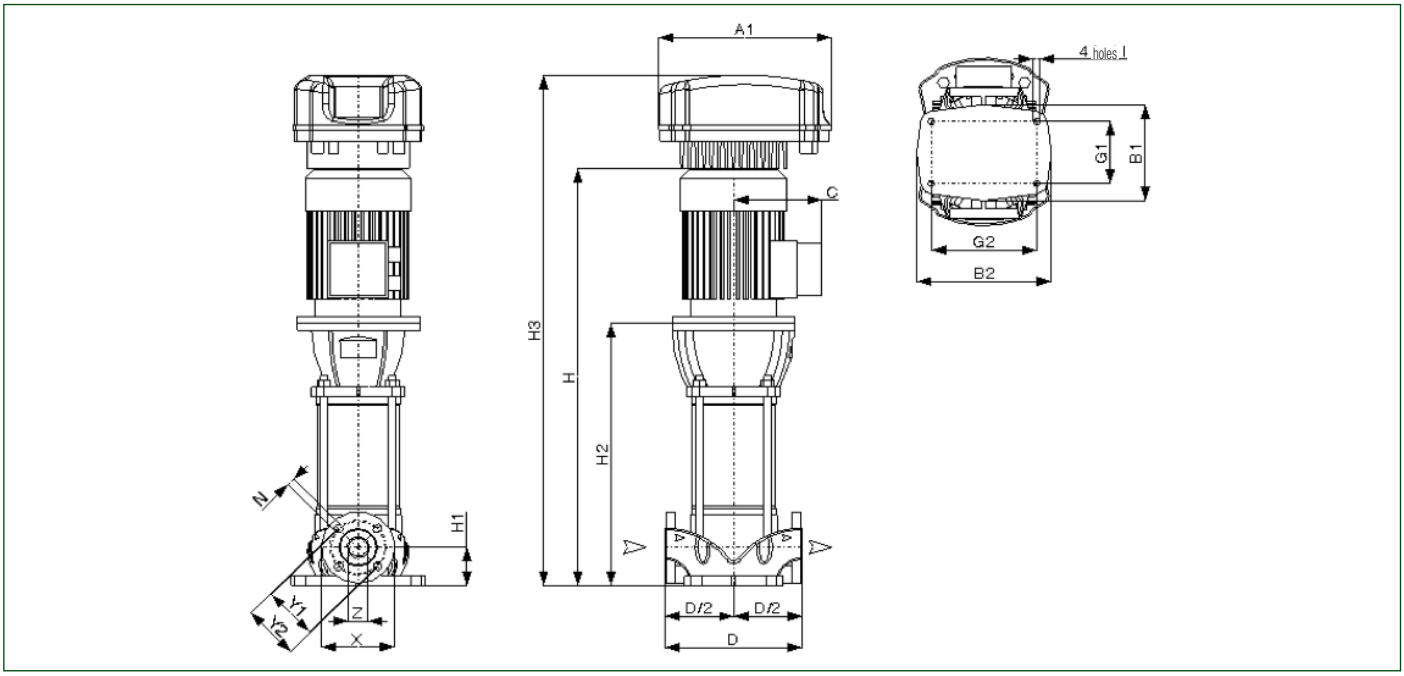


NKVE 20



DAB PUMPS reserves the right to make modifications without notice

DIMENSIONS AND WEIGHTS



MODEL	B1	B2	G1	G2	ØI	C	D	D/2	H	H1	H2	H3	DNA=DNM (DN40)					PACKAGING DIMENSIONS			VOLUME m^3	WEIGHT Kg
													X	Y1	Y2	Z	N	L/A	L/B	H		
NKVE 10/2 M MCE11/P	201	274	130	215	13,5	140	280	140	623,2	80	368,2	823,2	150	110	115	40	17,5	800	400	400	0,128	47,8
NKVE 10/3 M MCE11/P	201	274	130	215	13,5	140	280	140	656,2	80	401,2	856,2	150	110	115	40	17,5	960	400	370	0,142	49,3
NKVE 10/4 M MCE11/P	201	274	130	215	13,5	160	280	140	704,2	80	434,2	904,2	150	110	115	40	17,5	960	400	370	0,142	54,2
NKVE 10/5 M MCE15/P	201	274	130	215	13,5	160	280	140	762,2	80	467,2	962,2	150	110	115	40	17,5	1150	500	400	0,230	59,0
NKVE 10/6 M MCE15/P	201	274	130	215	13,5	160	280	140	795,2	80	500,2	995,2	150	110	115	40	17,5	1150	500	400	0,230	59,9
NKVE 10/7 T MCE30/P	201	274	130	215	13,5	180	280	140	875,2	80	550,2	1075,2	150	110	115	40	17,5	1150	500	400	0,230	73,3
NKVE 10/8 T MCE30/P	201	274	130	215	13,5	180	280	140	908,2	80	583,2	1108,2	150	110	115	40	17,5	1150	500	400	0,230	74,2
NKVE 10/9 T MCE30/P	201	274	130	215	13,5	180	280	140	941,2	80	616,2	1141,2	150	110	115	40	17,5	1360	500	530	0,360	75,1
NKVE 10/10 T MCE30/P	201	274	130	215	13,5	190	280	140	989,2	80	649,2	1189,2	150	110	115	40	17,5	1360	500	530	0,360	84,9
NKVE 10/12 T MCE55/P	201	274	130	215	13,5	190	280	140	1055,2	80	715,2	1255,2	150	110	115	40	17,5	1360	500	530	0,360	86,5
NKVE 10/14 T MCE55/P	201	274	130	215	13,5	210	280	140	1250,6	80	860,6	1450,6	150	110	115	40	17,5	1650	500	580	0,479	115,1
NKVE 10/16 T MCE55/P	201	274	130	215	13,5	210	280	140	1316,6	80	926,6	1516,6	150	110	115	40	17,5	1650	500	580	0,479	116,8
NKVE 10/18 T MCE55/P	201	274	130	215	13,5	210	280	140	1382,6	80	992,6	1632,6	150	110	115	40	17,5	1850	500	580	0,537	129,6
NKVE 10/20 T MCE55/P	201	274	130	215	13,5	210	280	140	1448,6	80	1058,6	1698,6	150	110	115	40	17,5	1850	500	580	0,537	131,2
NKVE 10/22 T MCE110/P	201	341	130	215	13,5	210	280	140	1514,6	80	1124,6	1764,6	150	110	115	40	17,5	1850	500	580	0,537	132,9

DIMENSIONS AND WEIGHTS

MODEL	B1	B2	G1	G2	ØI	C	D	D/2	H	H1	H2	H3	DNA=DNM (DN40)					PACKAGING DIMENSIONS			VOLUME m^3	WEIGHT Kg
													X	Y1	Y2	Z	N	L/A	L/B	H		
NKVE 15/2 M MCE15/P	201	274	130	215	13,5	160	300	150	717,9	90	422,9	917,9	165	125	-	67	18	960	400	370	0,142	59,1
NKVE 15/3 T MCE30/P	201	274	130	215	13,5	180	300	150	814,4	90	489,4	1014,4	165	125	-	67	18	1150	500	400	0,230	72,5
NKVE 15/4 T MCE30/P	201	274	130	215	13,5	190	300	150	878,9	90	538,9	1078,9	165	125	-	67	18	1150	500	400	0,230	82,7
NKVE 15/5 T MCE55/P	201	274	130	215	13,5	190	300	150	928,4	90	588,4	1128,4	165	125	-	67	18	1360	500	530	0,360	84,0
NKVE 15/6 T MCE55/P	201	274	130	215	13,5	210	300	150	1107,3	90	717,3	1307,3	165	125	-	67	18	1360	500	530	0,360	112,2
NKVE 15/7 T MCE55/P	201	274	130	215	13,5	210	300	150	1156,8	90	766,8	1356,8	165	125	-	67	18	1650	500	580	0,479	113,4
NKVE 15/8 T MCE55/P	201	274	130	215	13,5	210	300	150	1206,3	90	816,3	1456,3	165	125	-	67	18	1650	500	580	0,479	125,7
NKVE 15/9 T MCE55/P	201	274	130	215	13,5	210	300	150	1255,8	90	865,8	1505,8	165	125	-	67	18	1650	500	580	0,479	127,0
NKVE 15/10 T MCE110/P	201	341	130	215	13,5	248	300	150	1449,5	90	944,5	1699,5	165	125	-	67	18	1850	500	580	0,537	183,2
NKVE 15/12 T MCE110/P	201	341	130	215	13,5	248	300	150	1548,5	90	1043,5	1798,5	165	125	-	67	18	1850	500	580	0,537	185,7
NKVE 15/14 T MCE110/P	201	341	130	215	13,5	248	300	150	1647,5	90	1142,5	1897,5	165	125	-	67	18	2050	500	580	0,595	188,2
NKVE 15/16 T MCE110/P	201	341	130	215	13,5	248	300	150	1746,5	90	1241,5	1996,5	165	125	-	67	18	2050	500	580	0,595	198,7
NKVE 15/17 T MCE150/P	201	341	130	215	13,5	248	300	150	1796	90	1291	2046	165	125	-	67	18	2050	500	580	0,595	199,9
NKVE 20/2 M MCE15/P	201	274	130	215	13,5	160	300	150	717,9	90	422,9	917,9	165	125	-	67	18	960	400	370	0,142	49,4
NKVE 20/3 T MCE30/P	201	274	130	215	13,5	190	300	150	829,4	90	489,4	1029,4	165	125	-	67	18	1150	500	400	0,230	67,8
NKVE 20/4 T MCE55/P	201	274	130	215	13,5	210	300	150	1008,3	90	618,3	1208,3	165	125	-	67	18	1360	500	530	0,360	81,8
NKVE 20/5 T MCE55/P	201	274	130	215	13,5	210	300	150	1057,8	90	667,8	1257,8	165	125	-	67	18	1360	500	530	0,360	83,8
NKVE 20/6 T MCE55/P	201	274	130	215	13,5	210	300	150	1107,3	90	717,3	1357,3	165	125	-	67	18	1650	500	580	0,479	95,9
NKVE 20/7 T MCE55/P	201	274	130	215	13,5	210	300	150	1156,8	90	766,8	1406,8	165	125	-	67	18	1650	500	580	0,479	96,9
NKVE 20/8 T MCE110/P	201	341	130	215	13,5	248	300	150	1350,5	90	845,5	1600,5	165	125	-	67	18	1650	500	580	0,479	128,9
NKVE 20/9 T MCE110/P	201	341	130	215	13,5	248	300	150	1400	90	895	1650	165	125	-	67	18	1850	500	580	0,537	129,9
NKVE 20/10 T MCE110/P	201	341	130	215	13,5	248	300	150	1449,5	90	944,5	1699,5	165	125	-	67	18	1850	500	580	0,537	140,9
NKVE 20/12 T MCE110/P	201	341	130	215	13,5	248	300	150	1548,5	90	1043,5	1798,5	165	125	-	67	18	1850	500	580	0,537	153,9
NKVE 20/14 T MCE150/P	201	341	130	215	13,5	248	300	150	1647,5	90	1142,5	1897,5	165	125	-	67	18	2050	500	580	0,595	155,9

DAB PUMPS reserves the right to make modifications without notice

NKM-GE / NKP-GE WITH MCE/C

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

MCE/C
PAG. 2

HEATING, AIR-CONDITIONING AND INDUSTRIAL APPLICATION



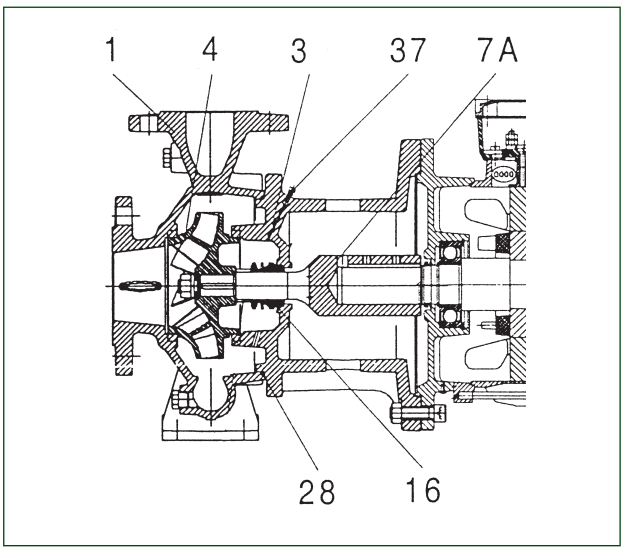
ENERGY EFFICIENCY IE2

Enbloc electric centrifugal pumps with coupling, designed for a wide range of applications such as:
- Circulation of hot water for heating.
- Circulation of cold water for air conditioning.
- Circulation of cold water for cooling.

Highly versatile pumps thanks to the use of the **MCE/C** inverter, to guarantee performance able to automatically adapt to the various system requirements, while maintaining constant differential pressure. Spiral single-stage body in cast iron according to DIN-EN 733 (ex DIN 24255), cast iron support, flanges according to DIN 2533 and DIN 2532 for DN 200. Cast iron impeller, sealed and dynamically balanced with compensation of the axial thrust via balancing holes, operating (on request) on interchangeable wear rings.
Pump shaft in AISI 304 stainless steel. Seal: standardised mechanical seal according to DIN 24960 in carbon/silicon carbide with O-rings in EPDM. Asynchronous, closed motor cooled by external ventilation, construction design B3/B5, 2-pole for NKPGE and 4-pole for NKM-GE. Rotor mounted on generously sized ball bearings to ensure silent and durable operation.

Speed of rotation: 1450 - 2900 1/min.
Operating range: from 1 a 420 m^3/h head up to 72 metri.
Liquid temp. range: from -10°C to +140°C.
Pumped liquid: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral and close to the characteristics of water. **Installation:** normally horizontal or vertical provided the motor is always above the pump.
Max. ambient temperature: +40°C
Maximum operating pressure: 16 bar - 1600 kPa (for DN 200 max. 10 bar).
Protection rating: IP 55
Insulation class: F
Flanging: PN 16 DIN 2533
Special versions on request:
Pumps for liquids other than water.
Other voltages and/or frequencies.
Inverter modulation with 0-10V signal

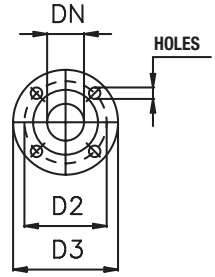
ACCESSORIES
PAG. 443



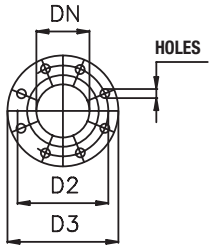
N.	PARTS	MATERIALS *(STANDARD VERSION)*
1	PUMP BODY	250 UNI ISO 185 CAST IRON
3	SUPPORT	250 UNI ISO 185 CAST IRON
4	IMPELLER	250 UNI ISO 185 CAST IRON
7A	PUMP SHAFT	AISI 304 - UNI 6900/71 STAINLESS STEEL
16	MECHANICAL SEAL	CARBON/CARBORUNDUM - EPDM
28	O RING	VITON
37	BLEED COCK	AISI 304 - UNI 6900/71 STAINLESS STEEL

N.	PARTS	MATERIALS *(STANDARD VERSION)*
4	IMPELLER	BRONZE GCuSn5Zn5Pb5 UNI 7013/8a-72
16	MECHANICAL SEAL	CARBON/CARBORUNDUM - PTFE CARBORUNDUM/CARBORUNDUM - VITON CARBON/CARBORUNDUM - VITTON

FLANGE DIMENSIONS (mm)



		Nominal diameter			
		DIN 2533 PN 16			
DN		32	40	50	65
D2		100	110	125	145
D3		140	150	165	185
Hole	Ø	18			
	N°	4			



Nominal diameter				
DIN 2533 PN 16				DIN 2532 PN 16
80	100	125	150	200
160	180	210	240	295
200	220	250	285	340
18				22
8				8

NKM-GE 4 POLES WITH MCE/C - FOR CIRCULATING SYSTEM

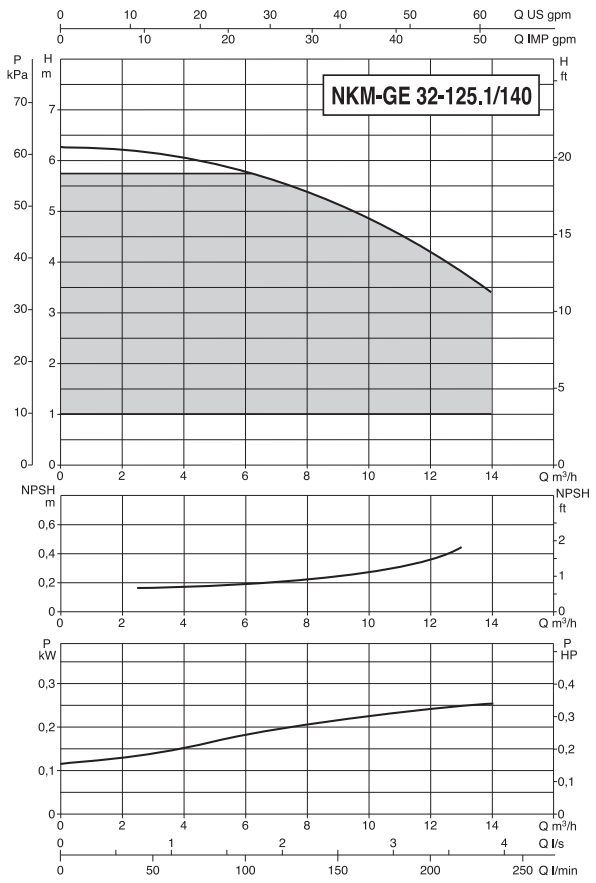
MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA																		
		MCE MODEL	VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m³h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114
							Q=l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900
NKM-GE 32-125.1/140 M	60142859	MCE11/C	1 x 230 ~V	0,25	0,33	4,7		6.2	5.8	4.2															
NKM-GE 32-125/142 M	60143037	MCE11/C	1 x 230 ~V	0,37	0,50	5,5		7	6.75	5.85	4.2														
NKM-GE 32-160.1/169 M	60143038	MCE11/C	1 x 230 ~V	0,37	0,50	5,5		8.9	8.2	4.6															
NKM-GE 32-160/169 M	60142862	MCE11/C	1 x 230 ~V	0,55	0,75	6,9		9.4	9	7.9	5.6														
NKM-GE 32-200.1/200 M	60142863	MCE11/C	1 x 230 ~V	0,55	0,75	6,9		12.7	11.2	7.2															
NKM-GE 32-200/219 M	60142865	MCE11/C	1 x 230 ~V	1,10	1,50	11,2		16	15.4	14.3	12.2														
NKM-GE 32-200/219 T	60147393	MCE30/C	3 x 400 ~V	1,10	1,50	10,4		16	15.4	14.3	12.2														
NKM-GE 40-125/142 M	60142868	MCE11/C	1 x 230 ~V	0,55	0,75	6,9		6.6	6.5	6.2	5.7	4.8													
NKM-GE 40-160/166 M	60142870	MCE11/C	1 x 230 ~V	0,75	1,00	8,6		9.2	9.2	9	8.4	7.4	5.7												
NKM-GE 40-160/166 T	60147395	MCE30/C	3 x 400 ~V	0,75	1,00	2,7		9.2	9.2	9	8.4	7.4	5.7												
NKM-GE 40-200/219 M	60142872	MCE15/C	1 x 230 ~V	1,50	2,00	14,6		15.6	15.6	15.3	14.7	13.4	11.8	9.8											
NKM-GE 40-200/219 T	60147396	MCE30/C	3 x 400 ~V	1,50	2,00	14,0		15.6	15.6	15.3	14.7	13.4	11.8	9.8											
NKM-GE 40-250/260 T	60142874	MCE30/C	3 x 400 ~V	3,00	4,00	7,2		23.3	23.1	22.8	22.2	20.8	19												
NKM-GE 50-125/141 M	60142877	MCE11/C	1 x 230 ~V	0,75	1,00	9,7		6.5		6.3	6.1	5.8	5.5	5	4.5	3.9									
NKM-GE 50-125/141 T	60147397	MCE30/C	3 x 400 ~V	0,75	1,00	t.b.d.	H (m)	6.5		6.3	6.1	5.8	5.5	5	4.5	3.9									
NKM-GE 50-160/177 M	60142879	MCE15/C	1 x 230 ~V	1,50	2,00	13,7		10.7		10.7	10.7	10.5	10.2	9.8	9.2	8.3									
NKM-GE 50-160/177 T	60147398	MCE30/C	3 x 400 ~V	1,50	2,00	t.b.d.		10.7		10.7	10.7	10.5	10.2	9.8	9.2	8.3									
NKM-GE 50-200/219 T	60142881	MCE30/C	3 x 400 ~V	3,00	4,00	6,7		16.8		16.8	16.5	16.1	15.5	14.6	13.6	12.4	10.9								
NKM-GE 50-250/263 T	60142882	MCE30/C	3 x 400 ~V	4,00	5,50	9,4		23.8		23.8	23.8	23.4	22.7	21.6	20.4	19	17.1								
NKM-GE 65-125/144 M	60142884	MCE11/C	1 x 230 ~V	1,10	1,50	11,2		6.5		6.4	6.4	6.3	6.2	6	5.75	5.5	5.1	4.65	4.2	3.75					
NKM-GE 65-125/144 T	60147400	MCE30/C	3 x 400 ~V	1,10	1,50	10,9		6.5		6.4	6.4	6.3	6.2	6	5.75	5.5	5.1	4.65	4.2	3.75					
NKM-GE 65-160/153 M	60142886	MCE11/C	1 x 230 ~V	1,10	1,50	11,2		7.4		7.4	7.3	7.15	6.9	6.65	6.25	5.8	5.3	4.4							
NKM-GE 65-160/153 T	60147401	MCE30/C	3 x 400 ~V	1,10	1,50	t.b.d.		7.4		7.4	7.3	7.15	6.9	6.65	6.25	5.8	5.3	4.4							
NKM-GE 65-160/177 M	60142891	MCE22/C	1 x 230 ~V	2,20	3,00	17,3		10.5				10.4	10.3	10.2	9.9	9.6	9.2	8.75	8.2	7.4	6.6				
NKM-GE 65-160/177 T	60147402	MCE30/C	3 x 400 ~V	2,20	3,00	5,8		10.5				10.4	10.3	10.2	9.9	9.6	9.2	8.75	8.2	7.4	6.6				
NKM-GE 65-200/210 T	60142892	MCE30/C	3 x 400 ~V	3,00	4,00	7,8		15.3				15.2	15.2	15.1	14.6	14.1	13.5	12.9	12.2	11.3					
NKM-GE 65-200/219 T	60142893	MCE55/C	3 x 400 ~V	4,00	5,50	8,8		17				17	16.9	16.8	16.4	16.2	15.8	15.2	14.3	13.8	12.6				
NKM-GE 65-250/263 T	60142894	MCE55/C	3 x 400 ~V	5,50	7,50	12,7		24.1				23.8	23.6	23.3	22.8	22.3	21.5	20.8	19.7	18.6	17.3				
NKM-GE 65-315/309 T	60142897	MCE110/C	3 x 400 ~V	11,00	15,00	26,6		34.2							33.2	33	32.5	32	31.5	30.7	29.8	29	28	25	21.7

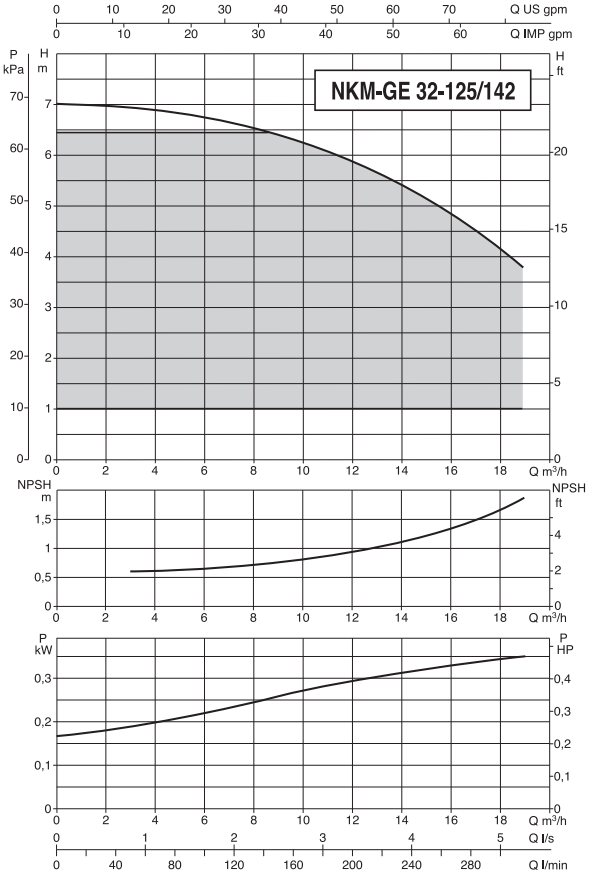
MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA																								
		MCE MODEL	VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m³h	0	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240	270	300	330	360	390	420
							Q=l/min	0	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
NKM-GE 80-160/163 T	60142899	MCE22/C	3 x 400 ~V	2,20	3,00	19,6		8.65	8.5	8.45	8.3	8.15	7.9	7.7	7.4	7.2	6.9	6.65	6.3	5.7	4.9	4.6										
NKM-GE 80-160/163 T	60147403	MCE30/C	3 x 400 ~V	2,20	3,00	t.b.d.		8.65	8.5	8.45	8.3	8.15	7.9	7.7	7.4	7.2	6.9	6.65	6.3	5.7	4.9	4.6										
NKM-GE 80-160/177 T	60142900	MCE30/C	3 x 400 ~V	3,00	4,00	7,6		10.2	10.2	10.1	10	9.9	9.75	9.65	9.5	9.25	9	8.8	8.6	7.9	7.2	6.7										
NKM-GE 80-200/222 T	60142902	MCE55/C	3 x 400 ~V	5,50	7,50	12,9		16.6			16.5	16.5	16.4	16.2	16.1	16	15.7	15.4	15	14.3	13.3	12.7										
NKM-GE 80-250/270 T	60142904	MCE110/C	3 x 400 ~V	11,00	15,00	24,4		25.6			25.5	25.5	25.4	25.1	25	24.8	24.6	24.2	24	23	21.5	21										
NKM-GE 80-315/305 T	60142919	MCE150/C	3 x 400 ~V	15,00	20,00	34,7		32.9				32.7	32.6	32.6	32.5	32.4	32	31.6	30.5	29.5	28.9	24										
NKM-GE 100-200/200 T	60142923	MCE55/C	3 x 400 ~V	5,50	7,50	13,7	H (m)	12.7					12.6	12.6	12.5	12.5	12.4	12.3	12	11.5	11.4	10.1	8.5										
NKM-GE 100-200/214 T	60142921	MCE110/C	3 x 400 ~V	7,50	10,00	17,7		15.6					15.4	15.4	15.3	15.2	15.1	15	14.7	14.5	14.3	13.3	11.6	9.8								
NKM-GE 100-250/250 T	60142924	MCE110/C	3 x 400 ~V	11,00	15,00	26,0		21.1					21	21	21	21	21	21	20.9	20	19.8	18	16										
NKM-GE 100-250/270 T	60142925	MCE150/C	3 x 400 ~V	15,00	20,00	33,2		25.5					25.5	25.5	25.5	25.3	25.1	25.1	25	24.5	24	22.5	20.5	17.5								
NKM-GE 125-250/243 T	60142926	MCE150/C	3 x 400 ~V	15,00	20,00	36,7		19.5											19.3	19.3	19.2	19.2	18.7	17.8	16.8	15.5	14.1	12.5	10.9			
NKM-GE 150-200/218 T	60142927	MCE110/C	3 x 400 ~V	11,00	15,00	27,8		13.2											13.1	13	13	12.8	12.5	12.1	11.5	11	10.4	9.7	9	8	7

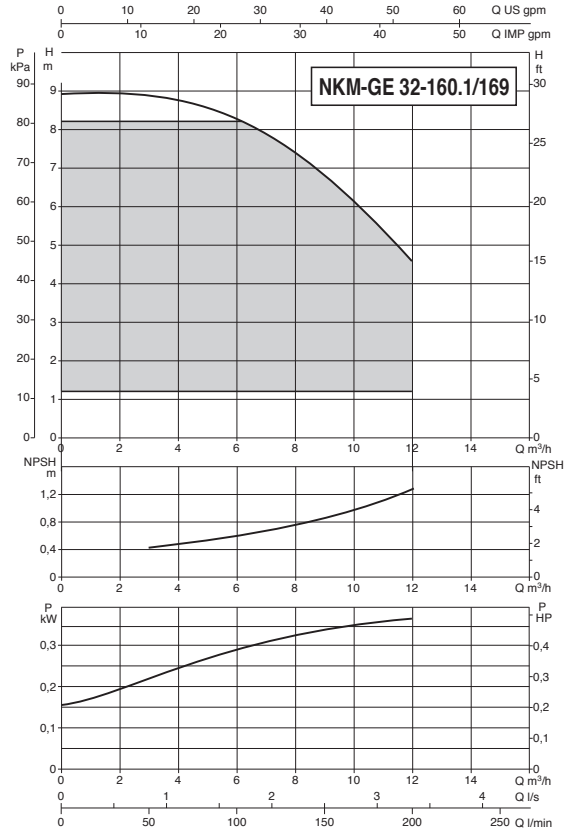
DAB PUMPS reserves the right to make modifications without notice

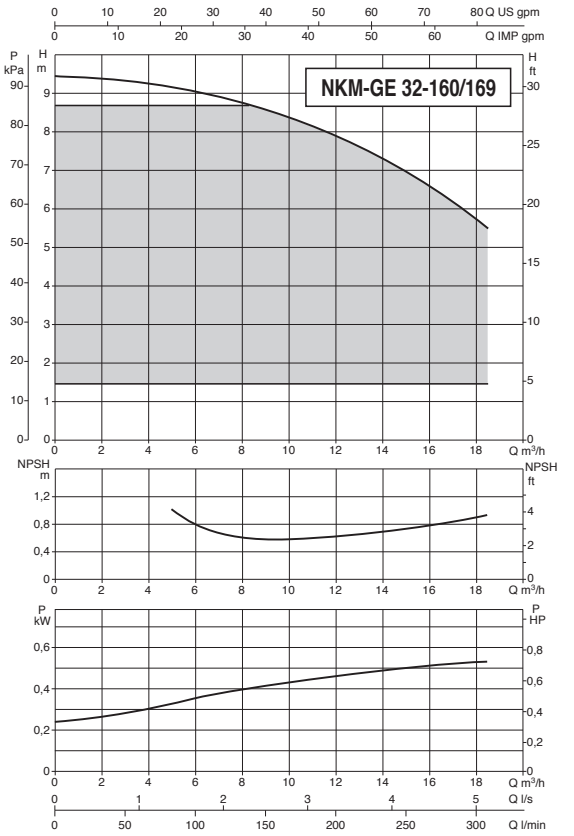
NKM-GE WITH MCE/C

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

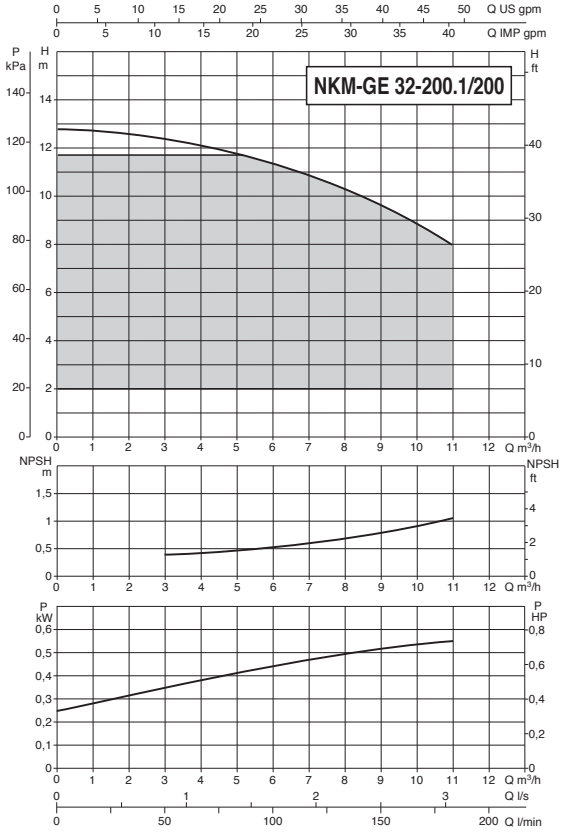


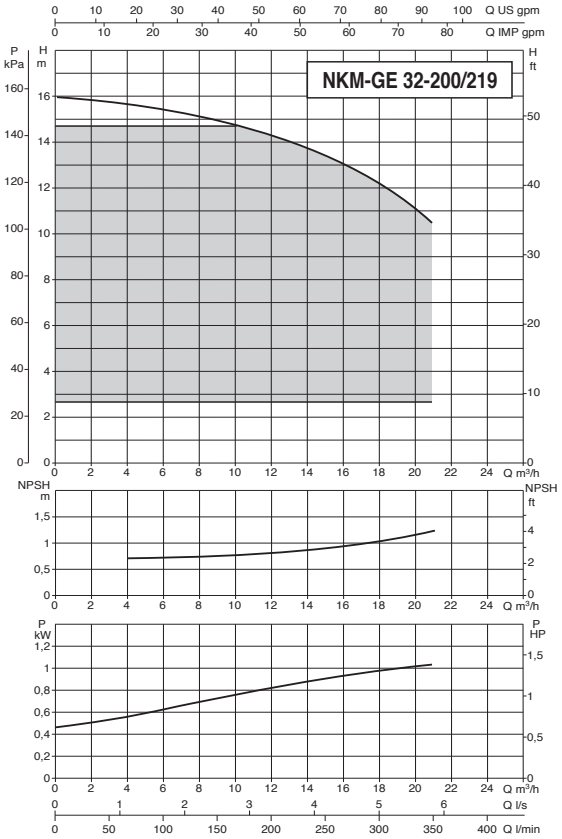


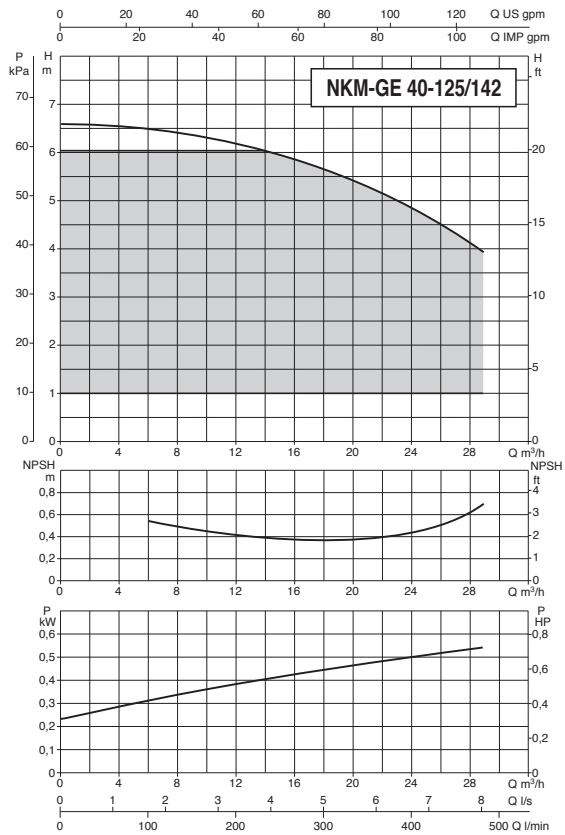


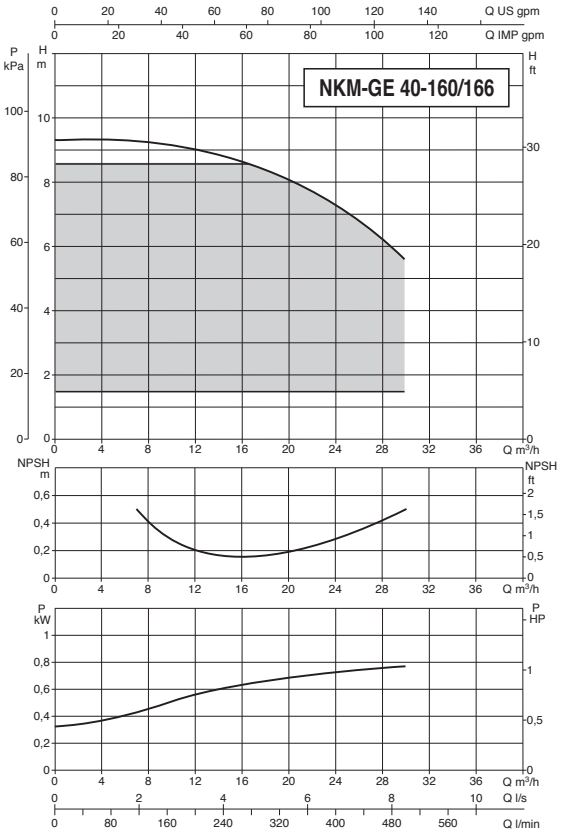


The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.





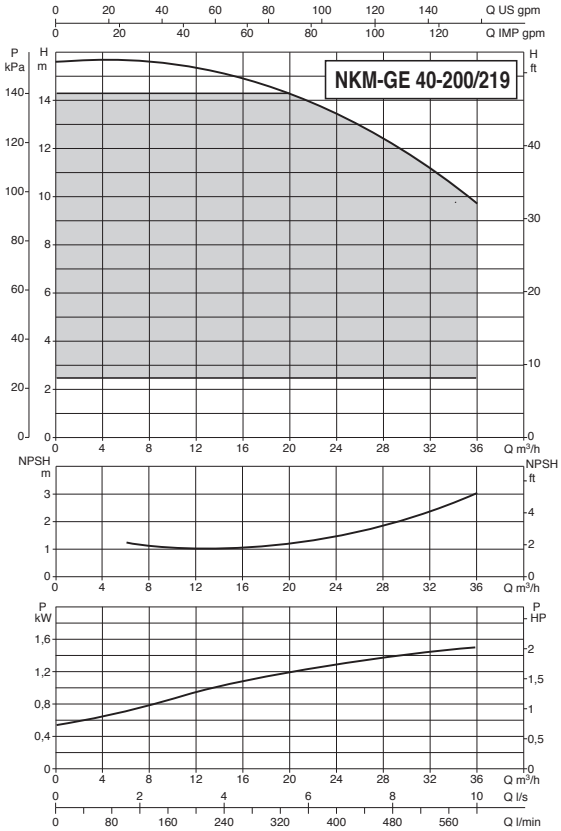


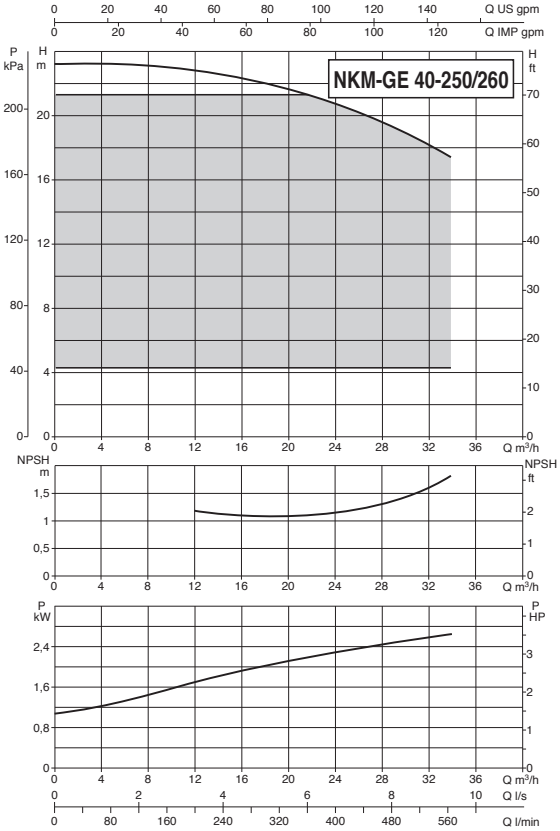


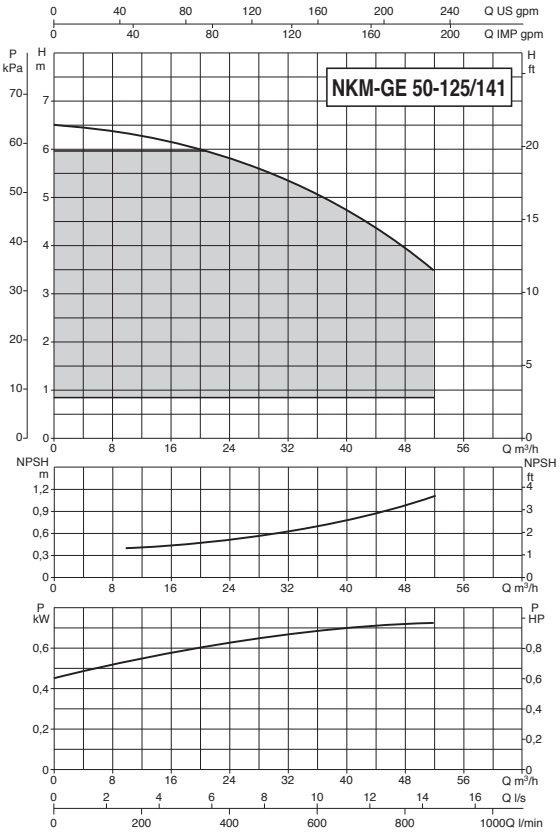
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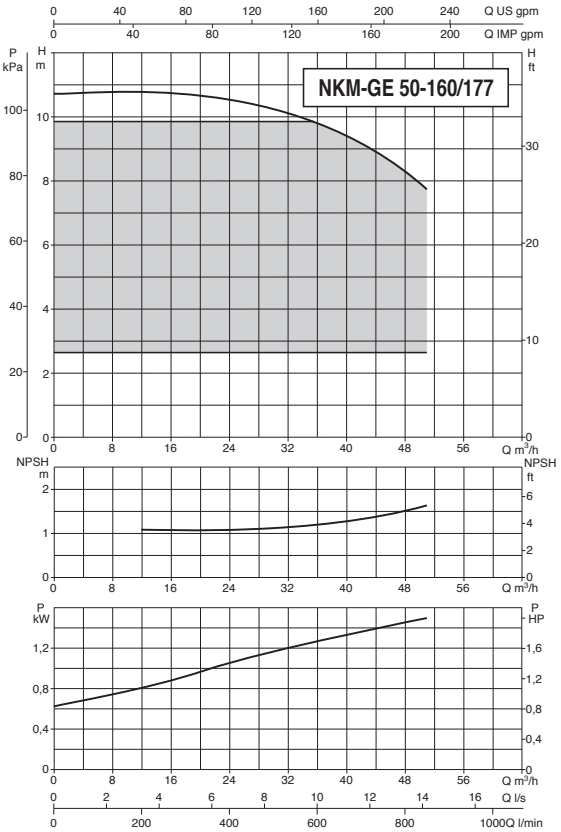
NKM-GE WITH MCE/C

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

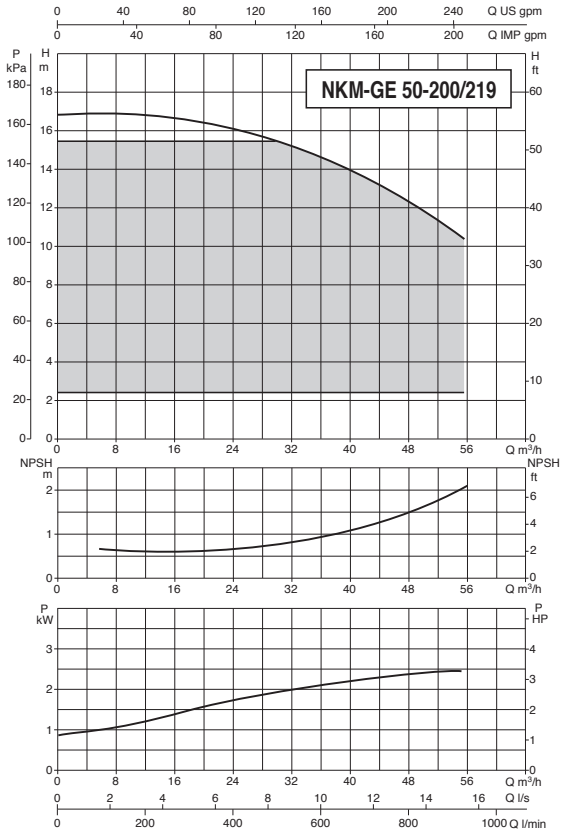


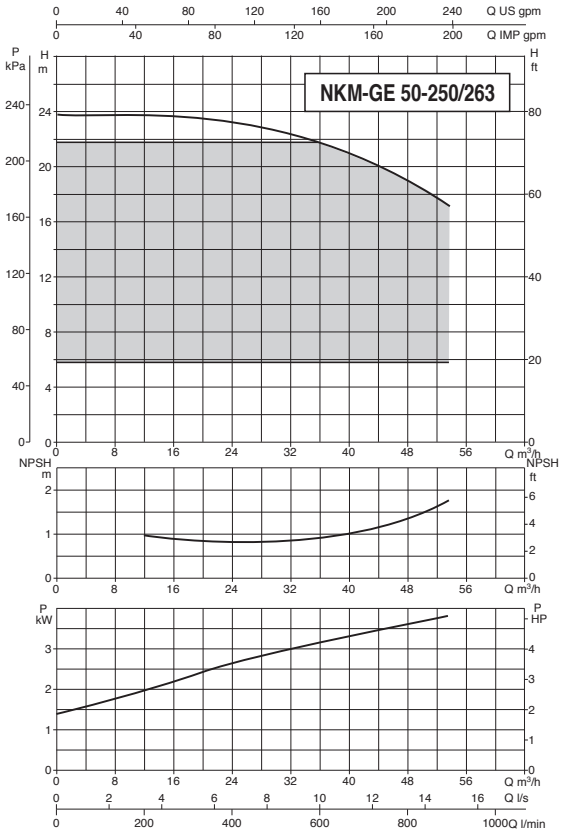


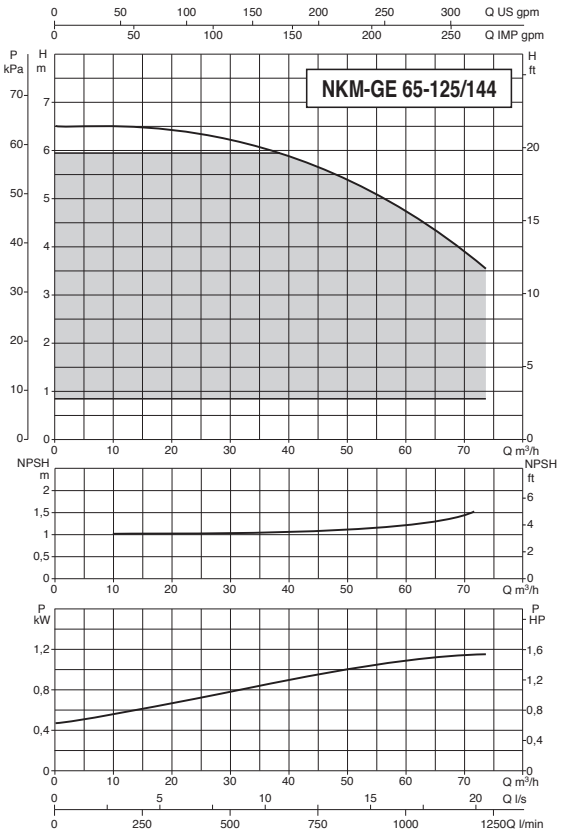


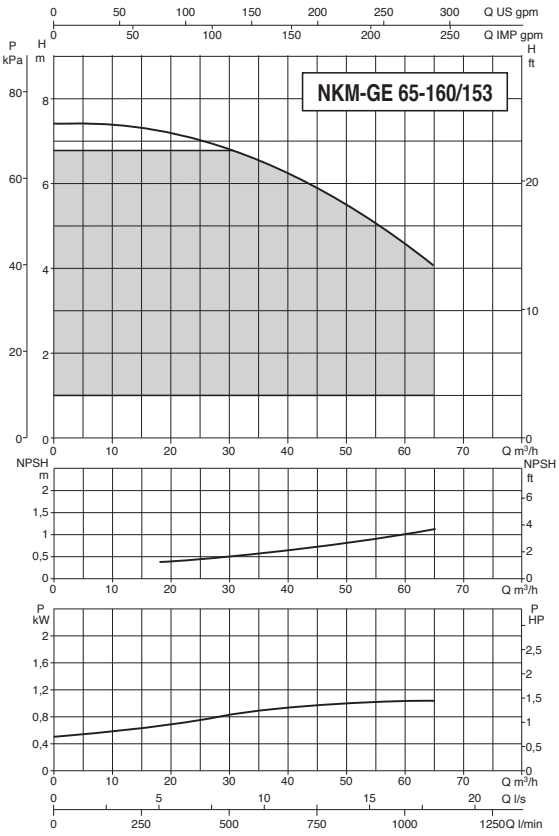


The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.





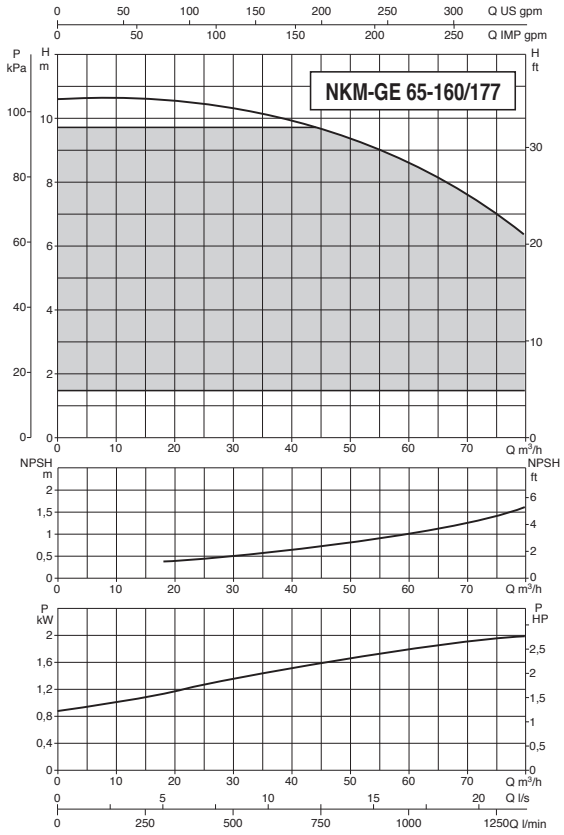


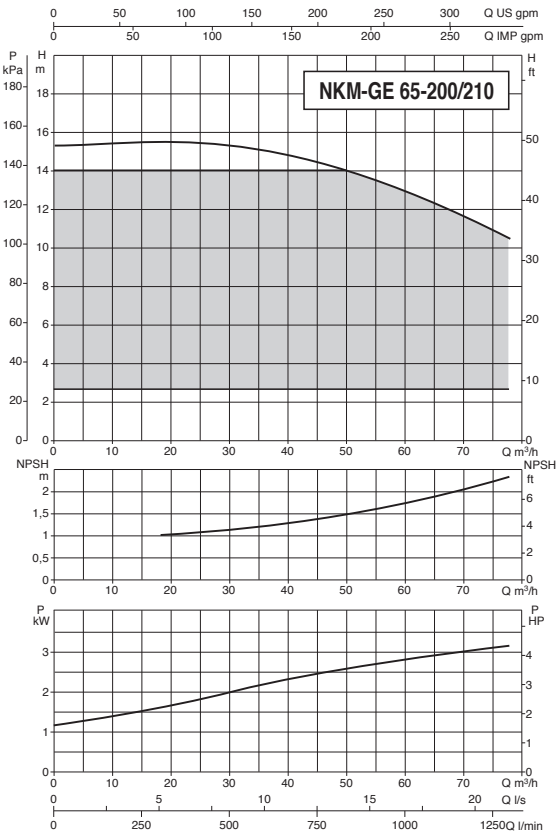


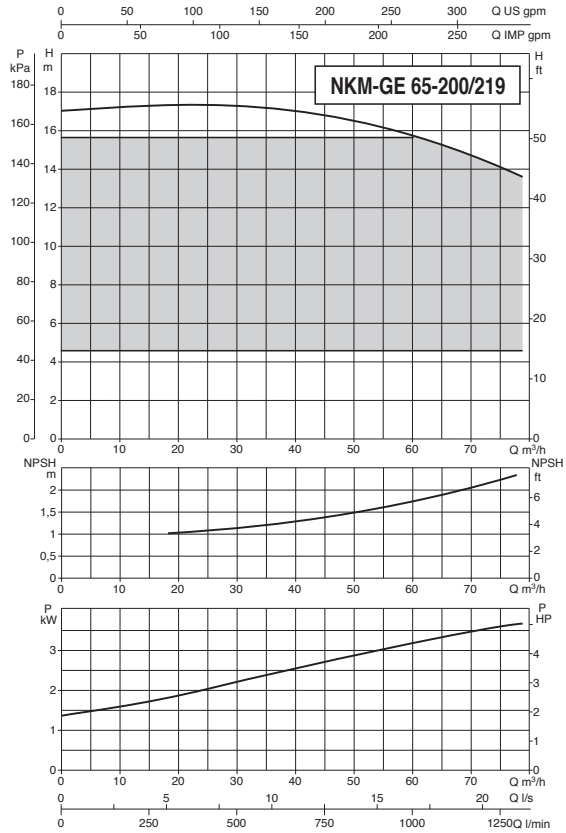
The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

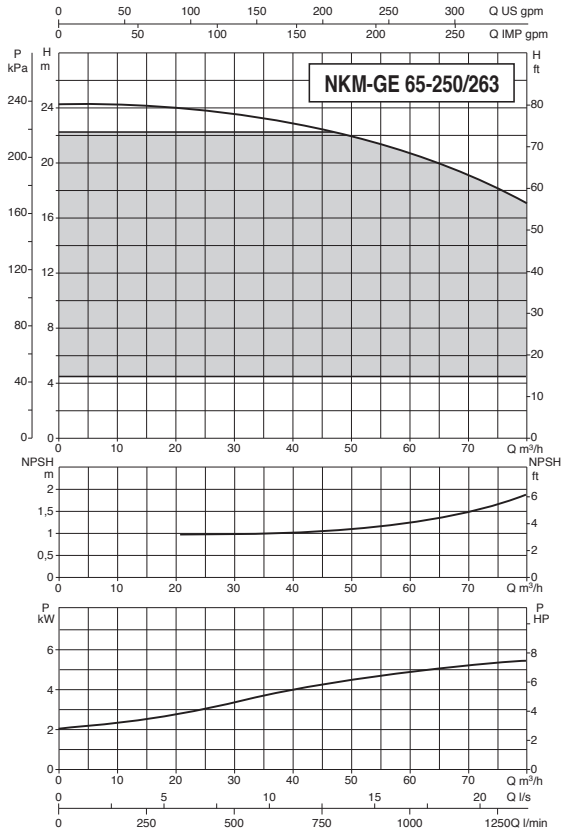
NKM-GE WITH MCE/C

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

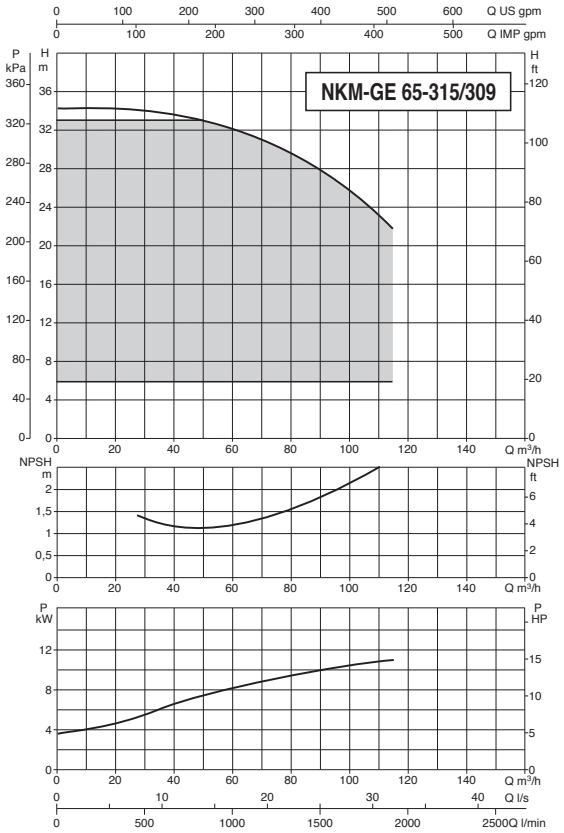


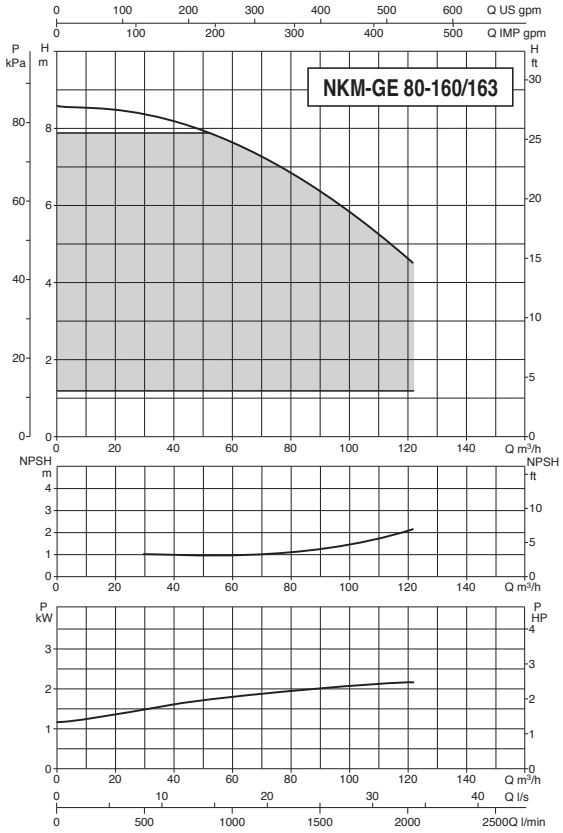


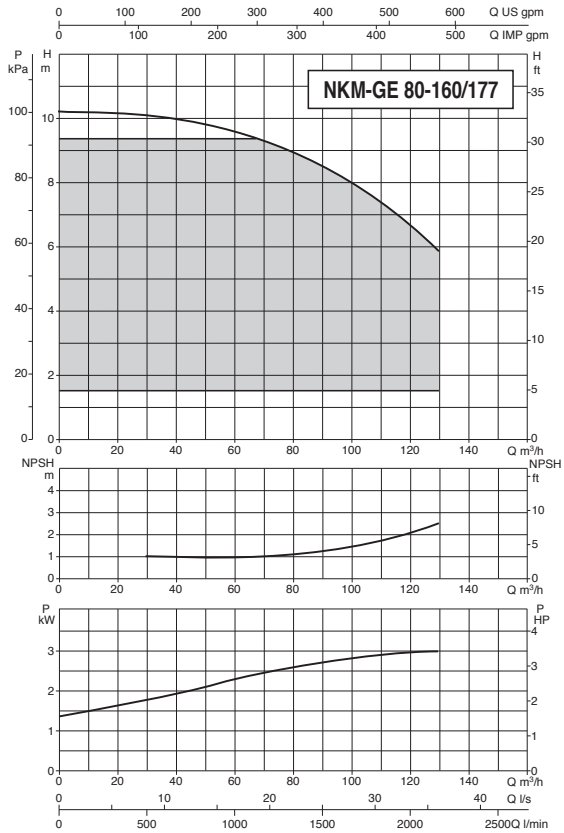


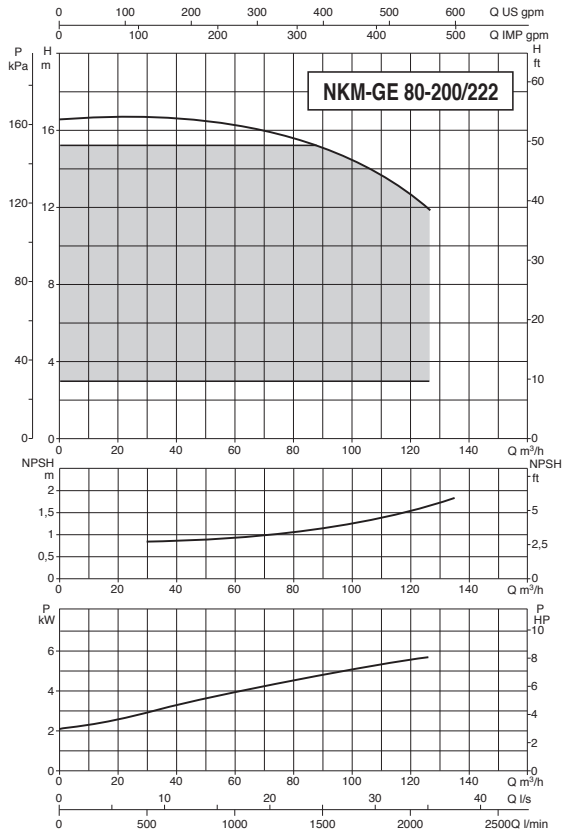


The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.





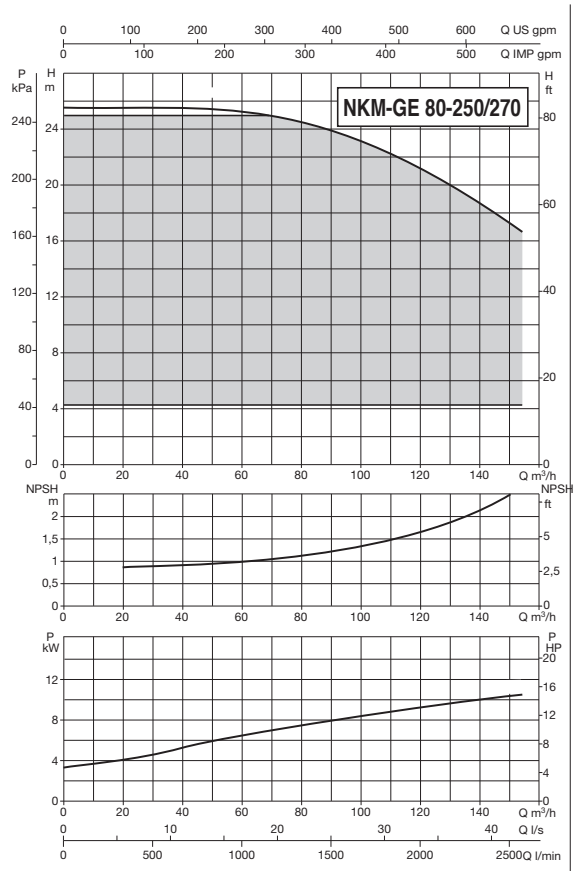


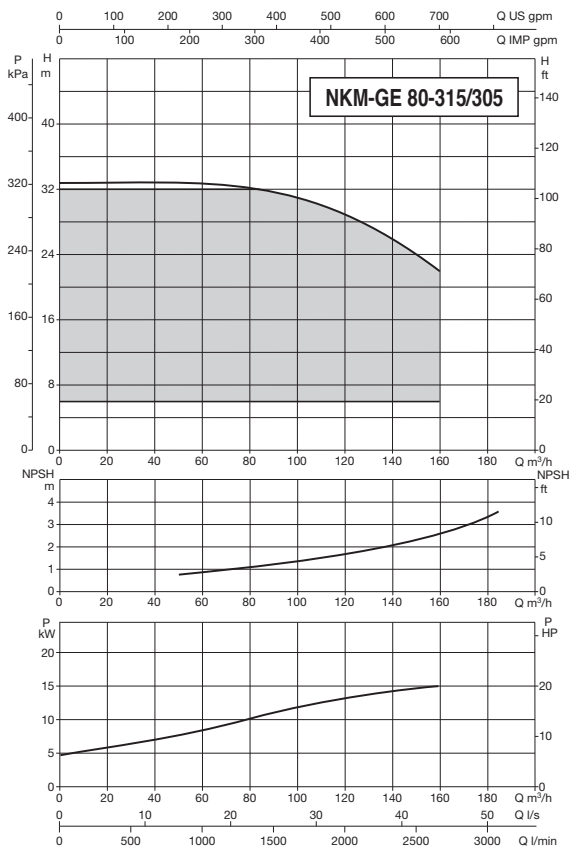


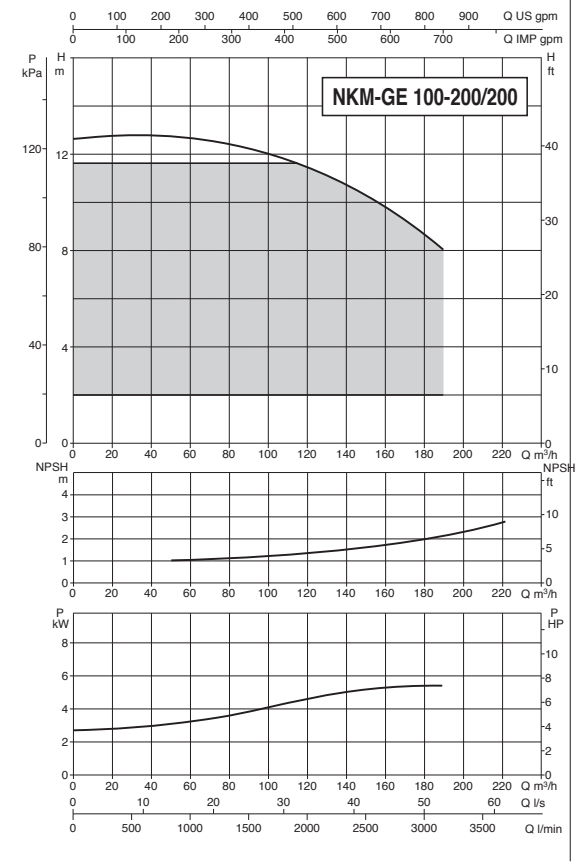
The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

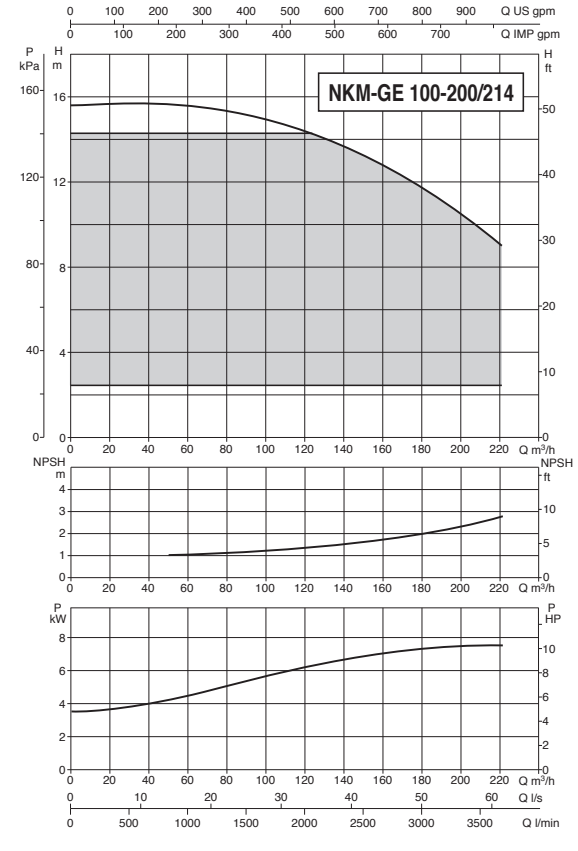
NKM-GE WITH MCE/C

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

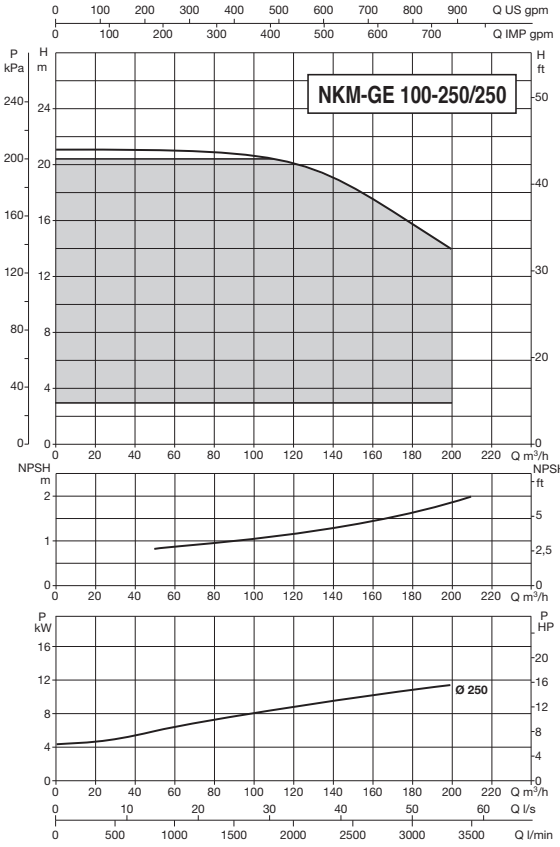


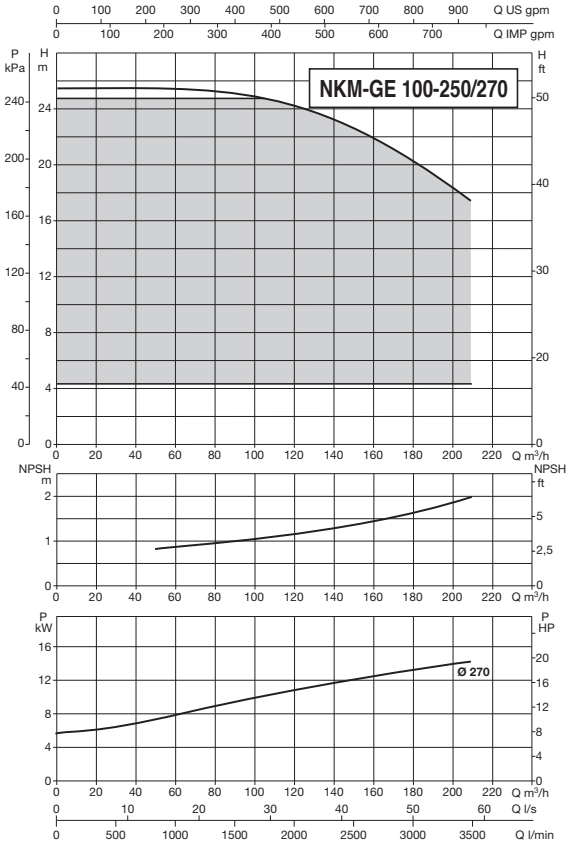


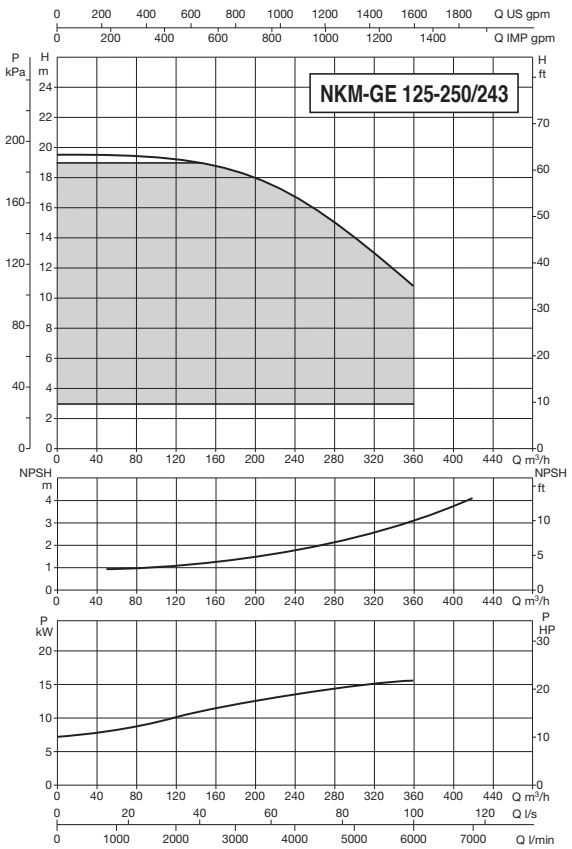


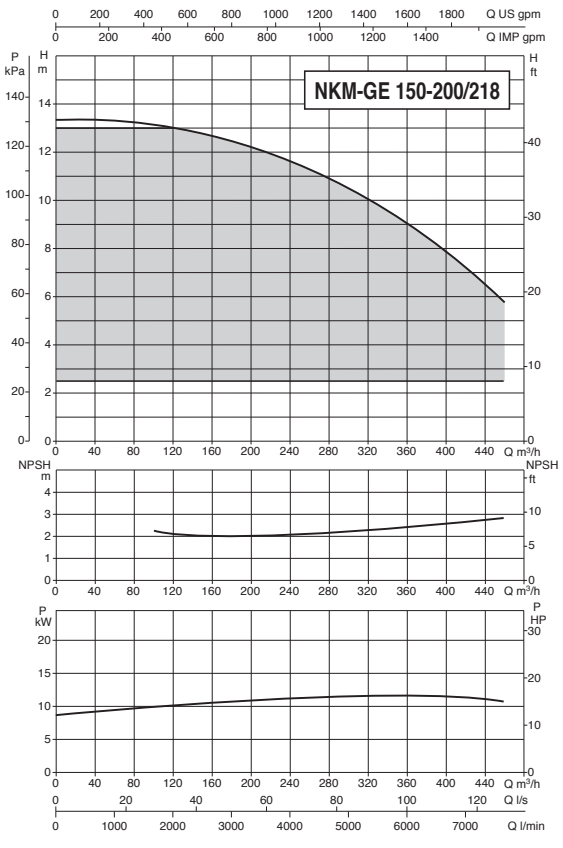


The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.



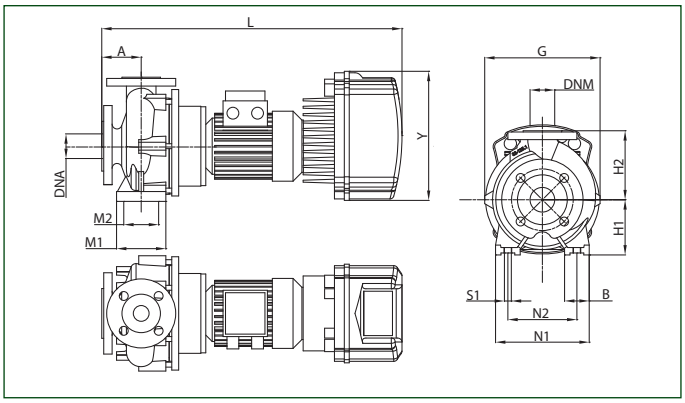


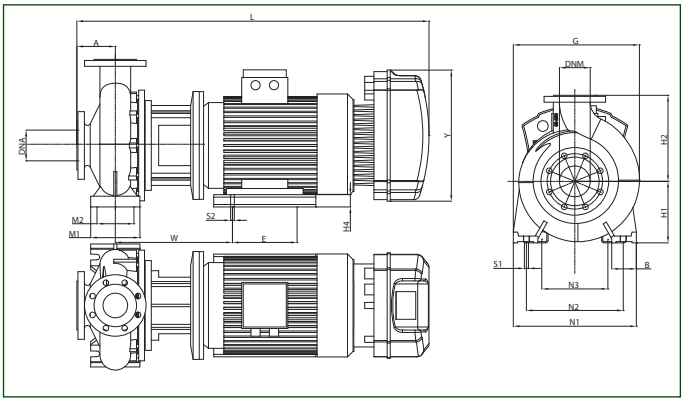




The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

DIMENSIONS AND WEIGHTS





MODEL	A	B	G	H1	H2	L	M1	M2	N1	N2	S1	X	Y	PACKAGING DIMENSIONS			WEIGHT KG
														L/A	L/B	H	
NKM-GE 32-125.1/140/A/BAQE/0.25/4 M MCE11/C	80	50	234	112	140	609	100	70	190	140	M10	100	262	850	500	660	36
NKM-GE 32-125/142/A/BAQE/ 0.37/4 M MCE11/C	80	50	234	112	140	609	100	70	190	140	M10	100	262	850	500	660	39
NKM-GE 32-160.1/169/A/BAQE/0.37/4 M MCE11/C	80	50	245	132	160	609	100	70	240	190	M10	100	262	850	500	660	38
NKM-GE 32-160/169/A/BAQE/0,55/4 M MCE11/C	80	50	245	132	160	660	100	70	240	190	M10	100	262	850	500	660	46
NKM-GE 32-200.1/200/A/BAQE/0,55/4 M MCE11/C	80	50	279	160	180	660	100	70	240	190	M10	100	262	850	500	660	55
NKM-GE 32-200/219/A/BAQE/1,1/4 M MCE11/C	80	50	279	160	180	673	100	70	240	190	M10	100	262	850	500	660	66
NKM-GE 40-125/142/A/BAQE/0.55/4 M MCE11/C	80	50	235	112	140	635	100	70	210	160	M10	100	262	850	500	660	51
NKM-GE 40-160/166/A/BAQE/0.75/4 M MCE11/C	80	50	253	132	160	660	100	70	240	190	M10	100	262	850	500	660	54
NKM-GE 40-200/219/A/BAQE/1,5 /4 M MCE15/C	100	50	296	160	180	718	100	70	265	212	M10	100	262	850	500	660	70
NKM-GE 40-250/260/A/BAQE/3/4 T MCE30/C	100	65	336	180	225	775	125	95	320	250	M10	100	353	850	500	660	98
NKM-GE 50-125/141/A/BAQE/0.75/4 M MCE11/C	100	50	250	132	160	680	100	70	240	190	M10	100	262	850	500	660	55
NKM-GE 50-160/177/A/BAQE/1,5/4 M MCE15/C	100	50	282	160	180	746	100	70	265	212	M10	100	262	850	500	660	64
NKM-GE 50-200/219/A/BAQE/ 3 /4 T MCE30/C	100	50	302	160	200	775	100	70	265	212	M10	100	353	850	500	660	90
NKM-GE 50-250/263/A/BAQE/4/4 T MCE55/C	100	65	343	180	225	775	125	95	320	250	M10	100	353	850	500	660	105
NKM-GE 65-125/144A/BAQE/1.1/4 M MCE11/C	100	65	286	160	180	693	125	95	280	212	M10	100	262	850	500	660	65
NKM-GE 65-160/153/A/BAQE/1,1/4 M MCE11/C	100	65	302	160	200	693	125	95	280	212	M10	100	262	850	500	660	67
NKM-GE 65-160/177/A/BAQE/2,2/4 M MCE22/C	100	65	302	160	200	779	125	95	280	212	M10	100	262	850	500	660	80
NKM-GE 65-200/210/A/BAQE/ 3 /4 T MCE30/C	100	65	333	180	225	779	125	95	320	250	M10	140	353	850	500	660	97
NKM-GE 65-200/219/A/BAQE/ 4/4 T MCE55/C	100	65	333	180	225	802	125	95	320	250	M10	140	353	850	500	660	105
NKM-GE 65-250/263/A/BAQE/5,5/4 T MCE55/C	100	80	370	200	250	913	160	120	360	280	M14	140	353	1100	550	620	168

MODEL	A	B	E	G	H1	H2	H4	L	M1	M2	N1	N2	N2	S1	S2	W	X	Y	PACKAGING DIMENSIONS			WEIGHT KG
																			L/A	L/B	H	
NKM-GE 65-315/309/A/BAQE/11/4 T MCE110/C	125	80	210	429	225	280	65	1108	160	120	400	315	254	M14	M12	402	140	426	1250	560	575	263
NKM-GE 80-160/163/A/BAQE/2,2/4 M MCE22/C	125	65		342	180	225		804	125	95	320	250		M10			140	262	850	500	660	87
NKM-GE 80-160/177/A/BAQE/3/4 T MCE30/C	125	65		342	180	225		804	125	95	320	250		M10			140	353	850	500	660	96
NKM-GE 80-200/222/A/BAQE/5,5/4 T MCE55/C	125	65		365	180	250		938	125	95	345	280		M10			140	353	1100	550	620	156
NKM-GE 80-250/270/A/BAQE/11/4 T MCE110/C	125	80	210	410	200	280	40	1108	160	120	400	315	254	M14	M12	381	140	426	1250	560	575	237
NKM-GE 80-315/305/A/BAQE/15/4 T MCE150/C	125	80	254	460	250	315	90	1188	160	120	400	315	254	M14	M12	402	140	426	1250	560	575	294
NKM-GE 100-200/200/A/BAQE/5.5/4 T MCE55/C	125	80		392	200	280		938	160	120	360	280		M14			140	353	1100	550	620	169
NKM-GE 100-200/214A/BAQE/7.5/4 T MCE110/C	125	80		392	200	280		1026	160	120	360	280		M14			140	426	1100	550	620	181
NKM-GE 100-250/250/A/BAQE/11/4 T MCE110/C	140	80	210	424	225	280	65	1123	160	120	400	315	254	M14	M12	381	140	426	1250	560	575	245
NKM-GE 100-250/270/A/BAQE/15/4 T MCE150/C	140	80	254	424	225	280	65	1203	160	120	400	315	254	M14	M12	381	140	426	1250	560	575	268
NKM-GE 125-250/243/A/BAQE/15/4 T MCE150/C	140	80	254	472	250	355	90	1203	160	120	400	315	254	M14	M12	381	140	426	1500	660	725	305
NKM-GE 150-200/218/A/BAQE/11/4 T MCE110/C	160	100	210	593	280	400	120	1243	200	150	550	450	254	M16	M12	381	140	426	1500	660	725	-

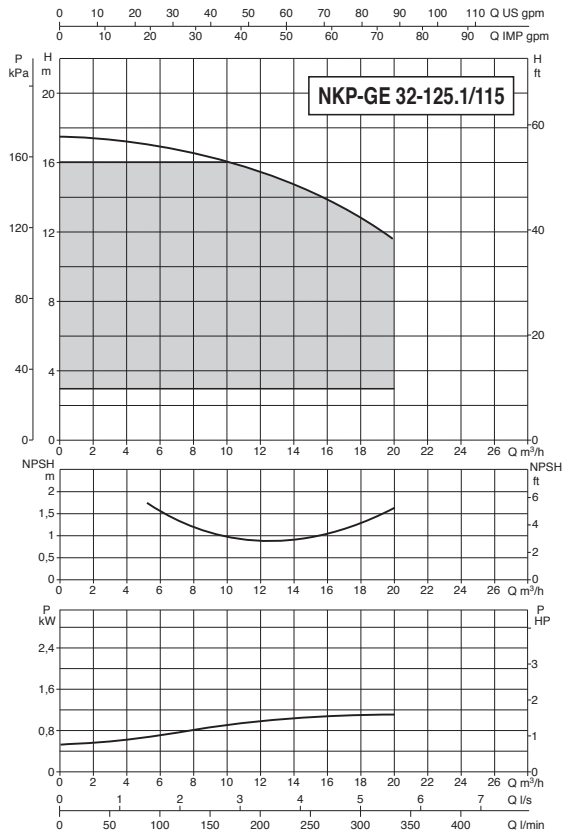
NKP-GE 2 POLES WITH MCE/C - FOR CIRCULATING SYSTEM

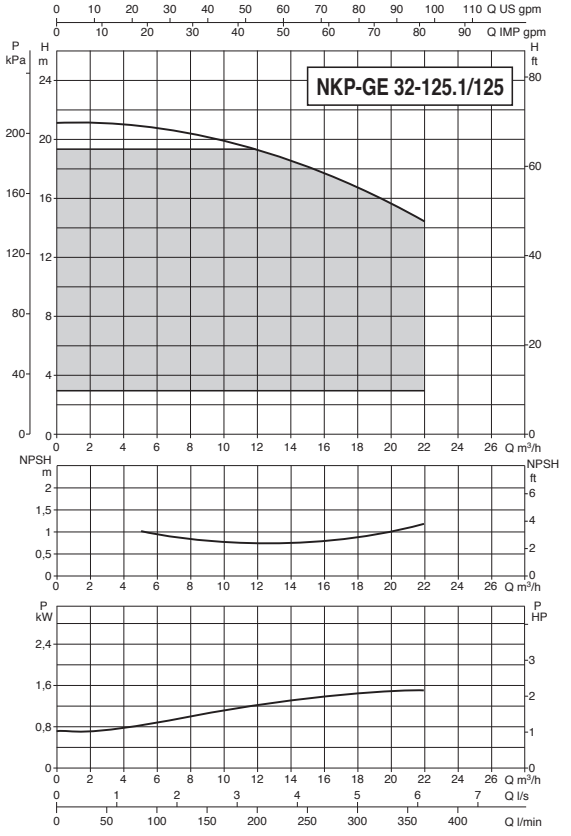
MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA																									
		MODEL MCE	VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m³h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210			
							Q=l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500			
NKP-GE 32-125.1/115 M	60142929	MCE11/C	1 x 230 ~V	1,10	1,5	10,9		17.2	17	15	12.5																					
NKP-GE 32-125.1/115 T	60147405	MCE30/C	3 x 400 ~V	1,10	1,5	t.b.d.		17.2	17	15	12.5																					
NKP-GE 32-125.1/125 M	60143036	MCE15/C	1 x 230 ~V	1,50	2,0	14,7		21	20.8	19	16.8																					
NKP-GE 32-125.1/125 T	60147406	MCE30/C	3 x 400 ~V	1,50	2,0	t.b.d.		21	20.8	19	16.8																					
NKP-GE 32-125.1/140 M	60142931	MCE22/C	1 x 230 ~V	2,20	3,0	19,9		27	26.9	25.9	23	19.5																				
NKP-GE 32-125.1/140 T	60147407	MCE30/C	3 x 400 ~V	2,20	3,0	5,6		27	26.9	25.9	23	19.5																				
NKP-GE 32-125/110 M	60142932	MCE11/C	1 x 230 ~V	1,10	1,5	13,7		15.8	15.2	14.5	12.9	9.9																				
NKP-GE 32-125/110 T	60147408	MCE30/C	3 x 400 ~V	1,10	1,5	t.b.d.		15.8	15.2	14.5	12.9	9.9																				
NKP-GE 32-125/120 M	60142933	MCE15/C	1 x 230 ~V	1,50	2,0	17,9		19.3	18.9	18.2	16.8	14.5																				
NKP-GE 32-125/120 T	60147410	MCE30/C	3 x 400 ~V	1,50	2,0	t.b.d.		19.3	18.9	18.2	16.8	14.5																				
NKP-GE 32-125/130 M	60142934	MCE22/C	1 x 230 ~V	2,20	3,0	24,3		23.6	23.1	23	21.6	19.6	16.8																			
NKP-GE 32-125/130 T	60147415	MCE30/C	3 x 400 ~V	2,20	3,0	t.b.d.		23.6	23.1	23	21.6	19.6	16.8																			
NKP-GE 32-125/142 T	60142935	MCE30/C	3 x 400 ~V	3,00	4,00	7,0		28.6	28	27.6	26.5	24.6	21.8	17.9																		
NKP-GE 32-160.1/166 T	60142937	MCE30/C	3 x 400 ~V	3,00	4,00	6,7		35.3	35	33	28																					
NKP-GE 32-160/151 T	60142938	MCE30/C	3 x 400 ~V	3,00	4,0	7,1		30.5	30	29	27	24	19.5																			
NKP-GE 32-160/177 T	60142941	MCE55/C	3 x 400 ~V	5,50	7,5	12,7		43.5	43.2	42.6	41.5	39	36	31.5	25.5																	
NKP-GE 32-200.1/205 T	60142943	MCE55/C	3 x 400 ~V	5,50	7,5	11,4		56.6	55.7	52	45.8	36.2																				
NKP-GE 32-200/190 T	60142944	MCE55/C	3 x 400 ~V	5,50	7,5	12,3		46.9	46.5	45	43	40	35	29																		
NKP-GE 32-200/210 T	60142945	MCE110/C	3 x 400 ~V	7,50	10,0	17,1		58.8	58	57	56	53	49	44																		
NKP-GE 40-125/107 M	60142946	MCE15/C	1 x 230 ~V	1,50	2,0	14,7		14.7	14.5	14.3	13.8	13	11.8	10.5	8.6	7																
NKP-GE 40-125/107 T	60147420	MCE30/C	3 x 400 ~V	1,50	2,0	t.b.d.	H (m)	14.7	14.5	14.3	13.8	13	11.8	10.5	8.6	7																
NKP-GE 40-125/120 M	60142947	MCE22/C	1 x 230 ~V	2,20	3,0	19,9		19	18.7	18.4	17.8	17	15.9	14.6	13	11																
NKP-GE 40-125/120 T	60147425	MCE30/C	3 x 400 ~V	2,20	3,0	t.b.d.		19	18.7	18.4	17.8	17	15.9	14.6	13	11																
NKP-GE 40-125/130 T	60142948	MCE30/C	3 x 400 ~V	3,00	4,0	7,2		22.8	22.5	22.3	22	21.2	20.2	19	17.4	15.5	13.5															
NKP-GE 40-125/139 T	60142949	MCE55/C	3 x 400 ~V	4,00	5,5	9,6		26.4	26.2	26	25.6	25	24	23	21.5	19.5	17.5	15														
NKP-GE 40-160/158 T	60142950	MCE55/C	3 x 400 ~V	5,50	7,5	12,4		33.7			34	33.4	32.4	31	29.5	27	24															
NKP-GE 40-160/172 T	60142951	MCE110/C	3 x 400 ~V	7,50	10,0	17,1		40.7			40.2	40.1	39.8	38.5	37.5	35.5	33	30	26.5													
NKP-GE 40-200/210 T	60142952	MCE110/C	3 x 400 ~V	11,00	15,0	24,9		57.1	57	57	56.8	56.5	56	55	53	50	47	43.5	39													
NKP-GE 40-250/230 T	60142953	MCE150/C	3 x 400 ~V	15,00	20,0	34,5		72.5			72.5	72	70	68	66	62.5	60	56	51.5													
NKP-GE 50-125/115 T	60142955	MCE30/C	3 x 400 ~V	3,00	4,0	7,2		17				16.5	16	15.5	15	14.5	13.7	13	12	11	10	9										
NKP-GE 50-125/135 T	60142957	MCE55/C	3 x 400 ~V	5,50	7,5	12,6		24				23.6	23.5	23.2	22.8	22.2	21.5	21	20	19.1	18.5	17.5	16.5	13.4								
NKP-GE 50-125/144 T	60142958	MCE110/C	3 x 400 ~V	7,50	10,0	17,1		28				27.8	27.5	27.3	27	26.5	25.8	25.3	24.5	23.5	23	21.5	20.5	18	15.5							
NKP-GE 50-160/169 T	60142969	MCE110/C	3 x 400 ~V	11,00	15,0	24,0		39.6					39.5	39.3	39.1	39	38.5	38	37.2	36.5	35	34	32.5									
NKP-GE 50-200/200 T	60142970	MCE150/C	3 x 400 ~V	15,00	20,0	32,5		55.1					54.7	54.6	54	53.5	52	51	49	47.5	45.5	43	41									
NKP-GE 65-125/127 T	60142975	MCE55/C	3 x 400 ~V	5,50	7,5	12,8		19.5						19	18.9	18.7	18.4	18.1	17.5	17.2	16.9	16.5	15.8	14.5	13	12						
NKP-GE 65-125/137 T	60142974	MCE110/C	3 x 400 ~V	7,50	10,0	17,4		23.5						23.1	23	22.8	22.6	22.5	22	21.6	21.1	20.7	20.2	19	17.5	14.8	12					
NKP-GE 65-160/157 T	60142976	MCE110/C	3 x 400 ~V	11,00	15,0	23,4		32.5								32.3	32	31.9	31.3	30.2	30	29.2	28.7	27	24.8	23.6						
NKP-GE 65-160/173 T	60142977	MCE150/C	3 x 400 ~V	15,00	20,0	33,5		40.1								39.7	39.6	39.5	39.5	39	38.5	38.2	37.5	36	34.5	33.5	26.9					
NKP-GE 80-160/147-127 T	60142979	MCE110/C	3 x 400 ~V	11,00	15,0	24,1		24															22	21.4	20.4	20	17.4	16.8	12			
NKP-GE 80-160/153 T	60142980	MCE150/C	3 x 400 ~V	15,00	20,0	32,6		30.5															29	28.4	27.5	27	24.5	21.3	18.3			

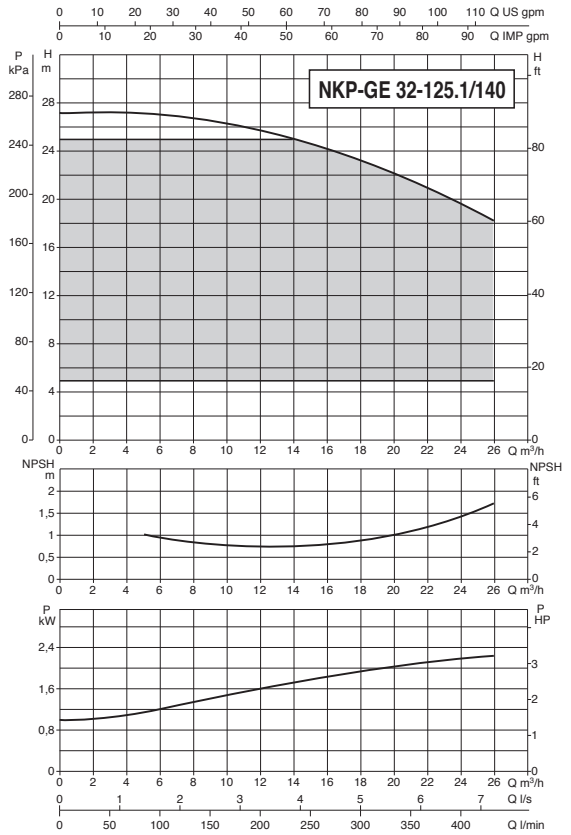
DAB PUMPS reserves the right to make modifications without notice

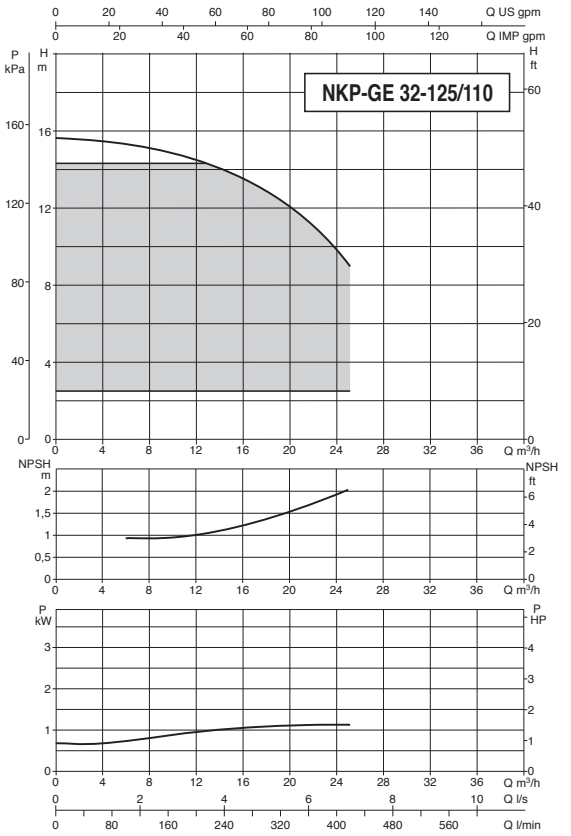
NKP-GE WITH MCE/C

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

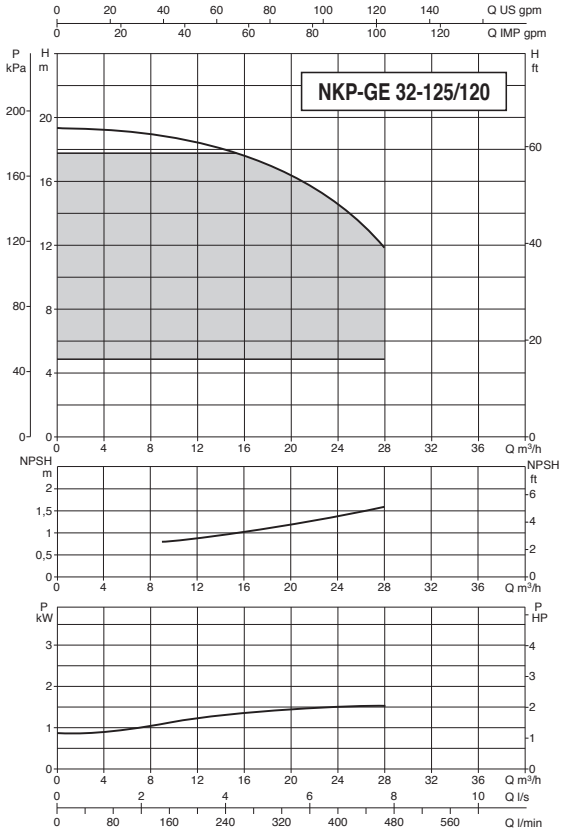


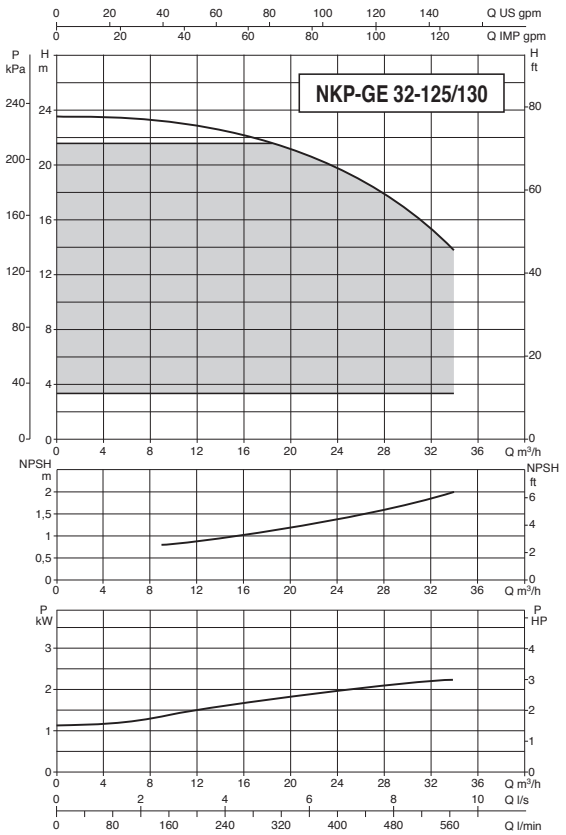


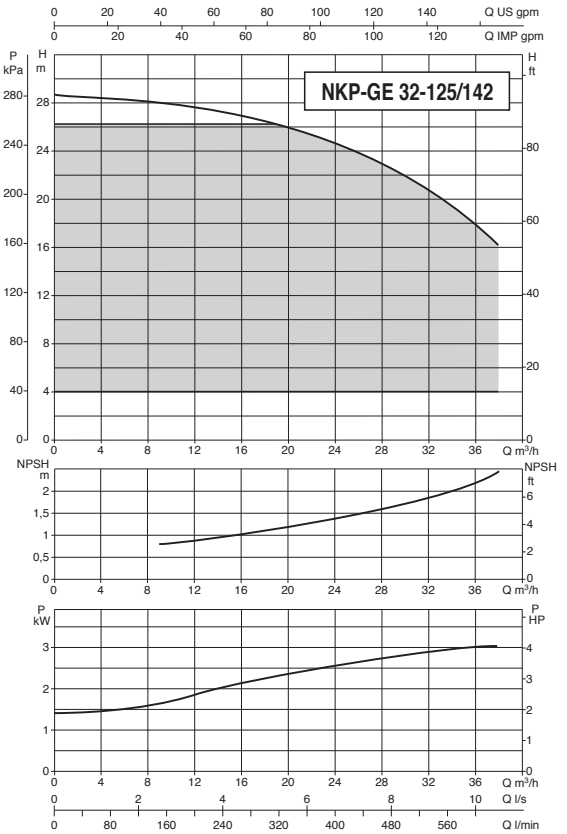


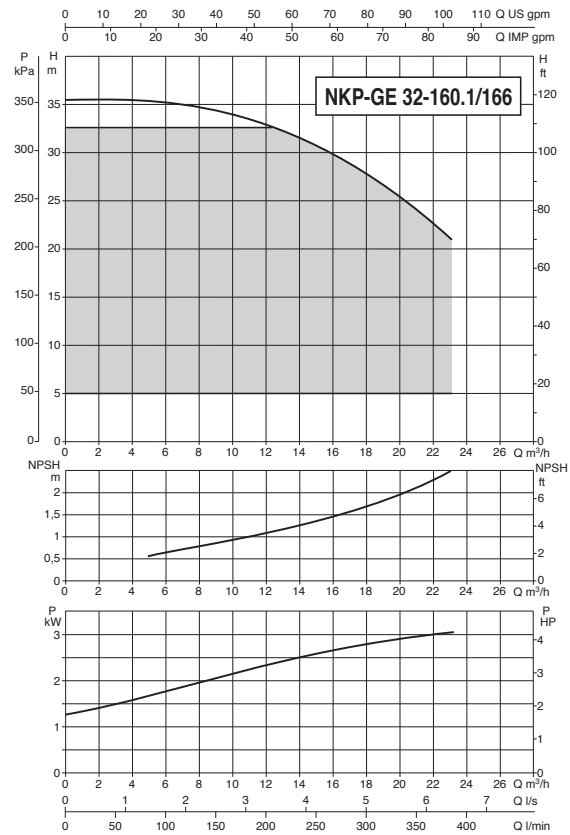


The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.





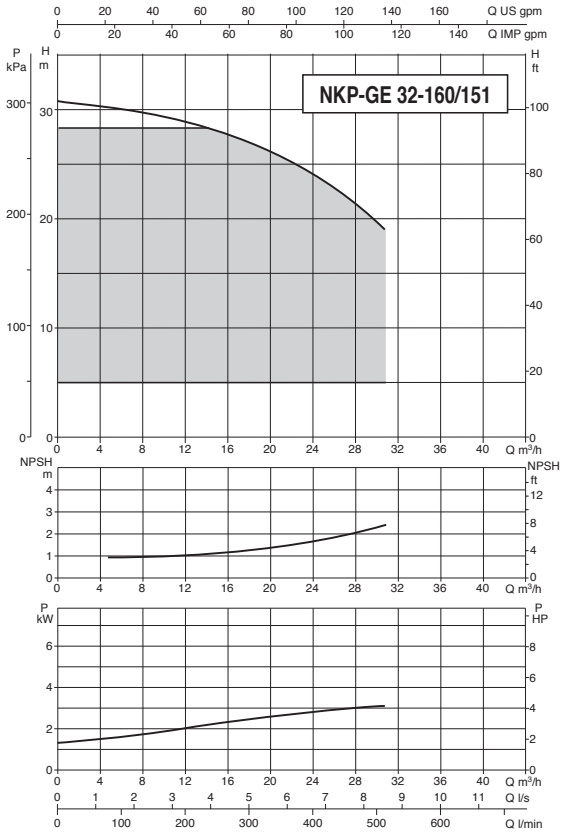


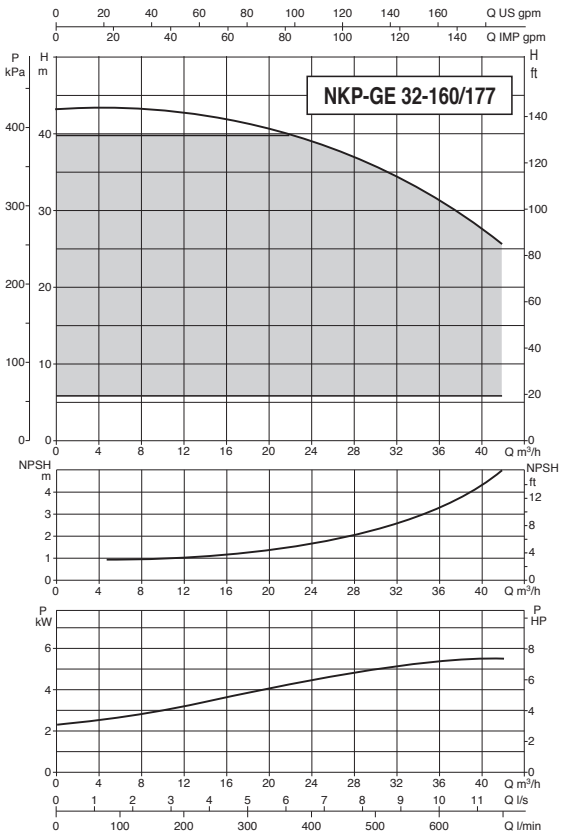


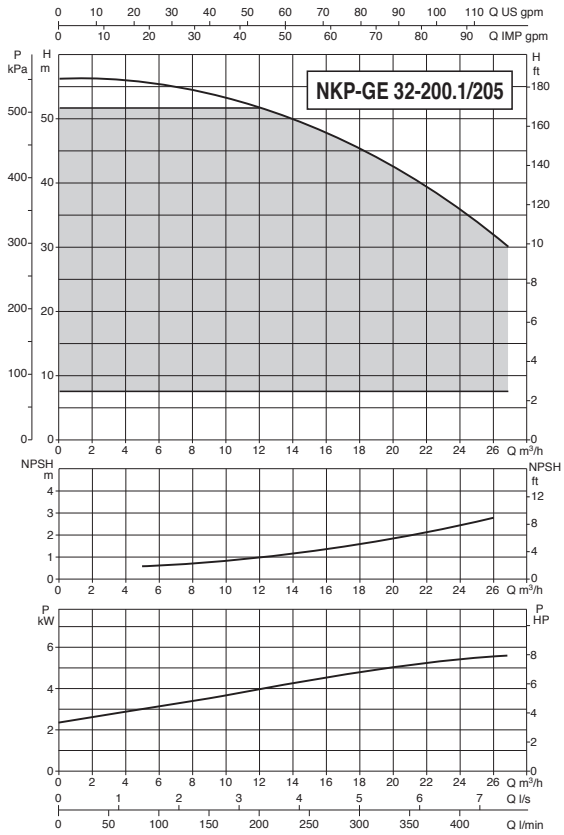
The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

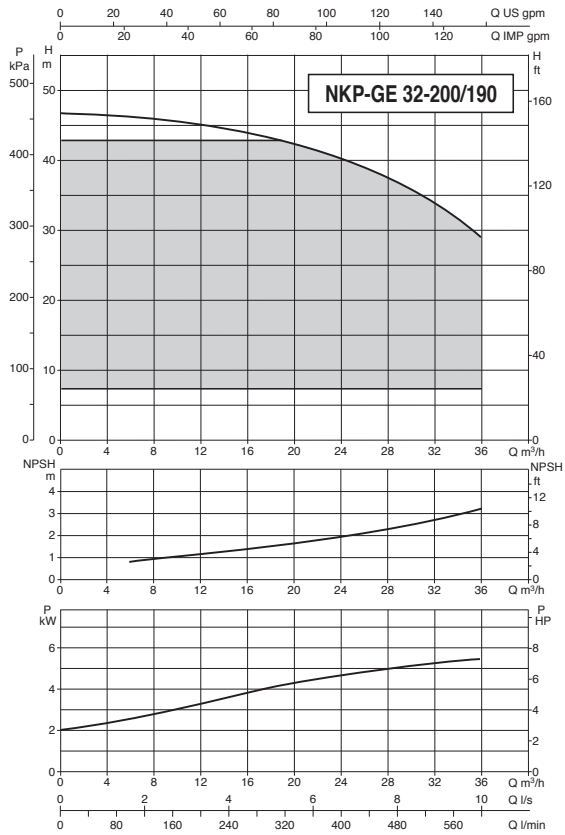
NKP-GE WITH MCE/C

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

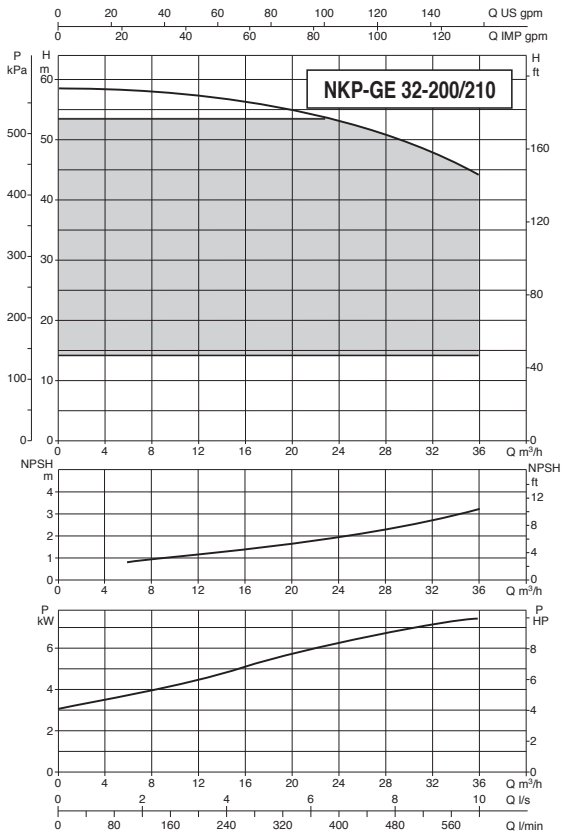


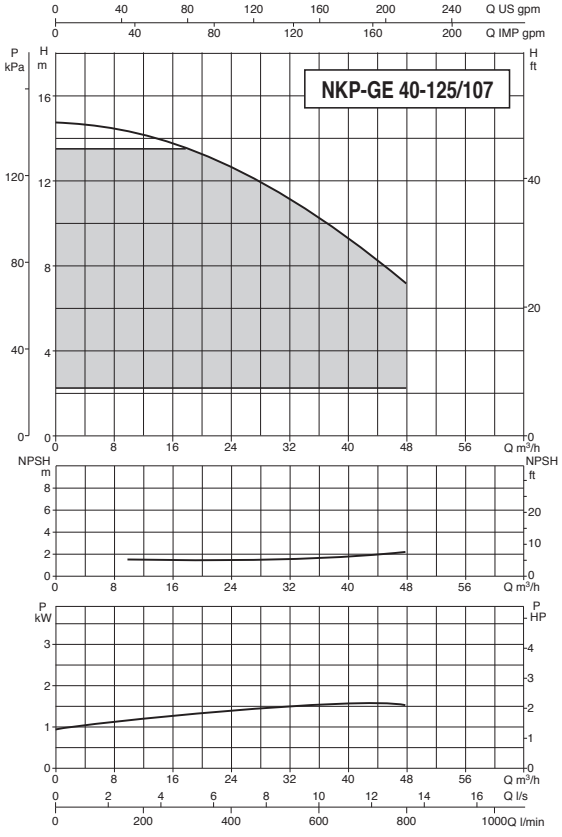


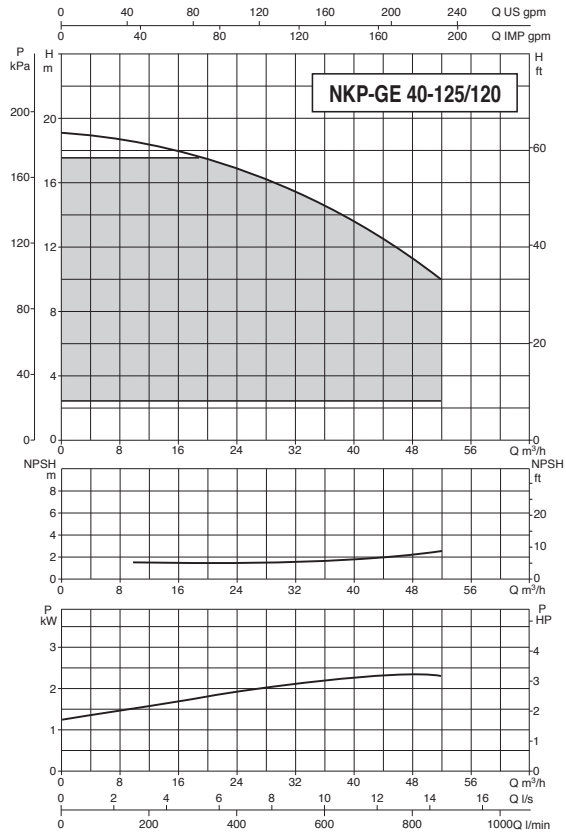


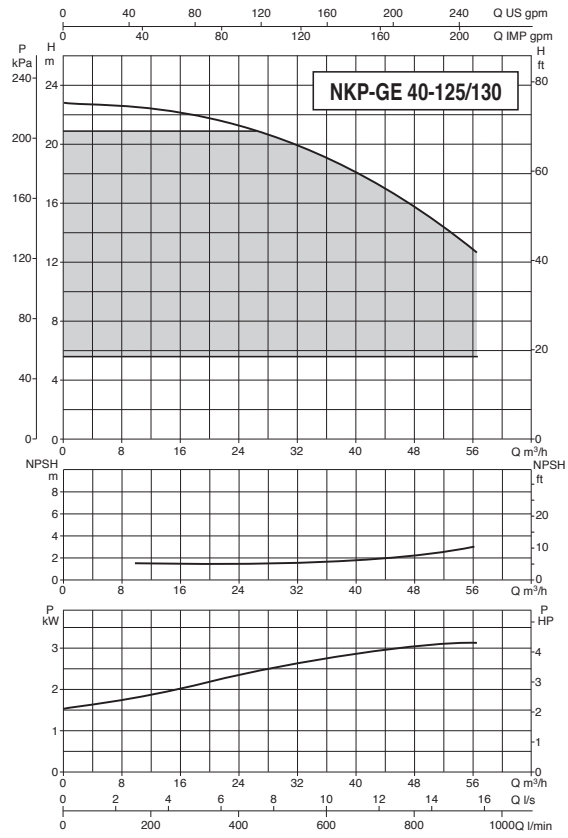


The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.





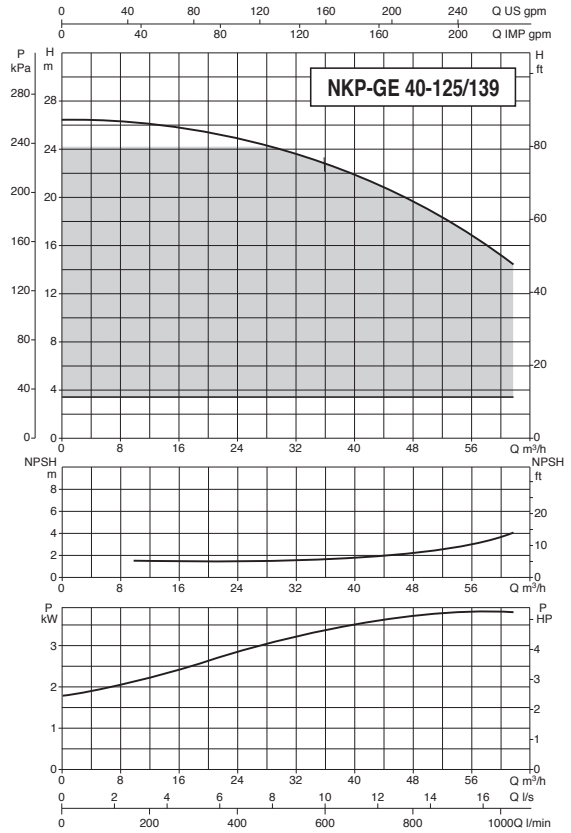


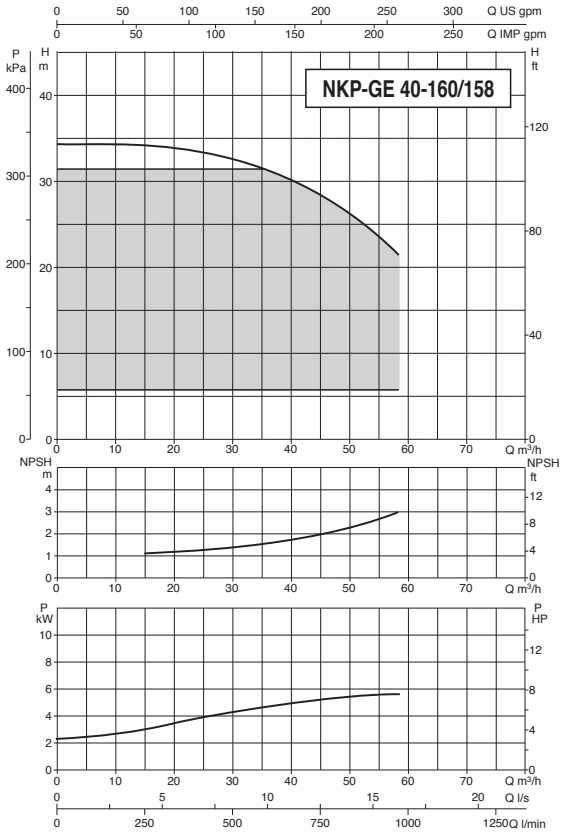


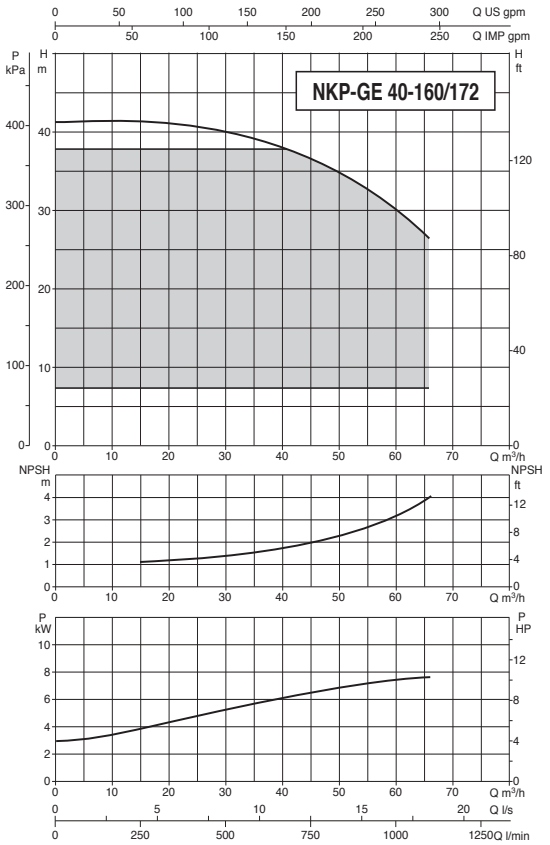
The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

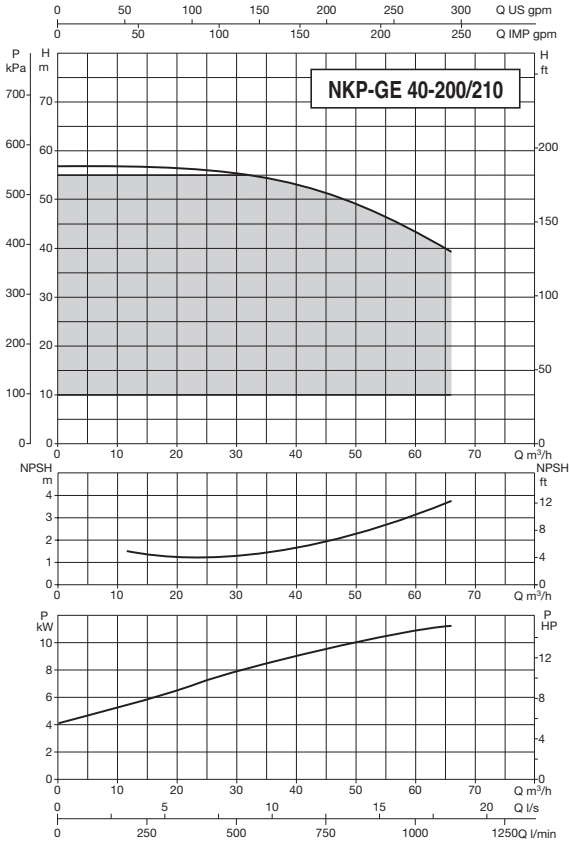
NKP-GE WITH MCE/C

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

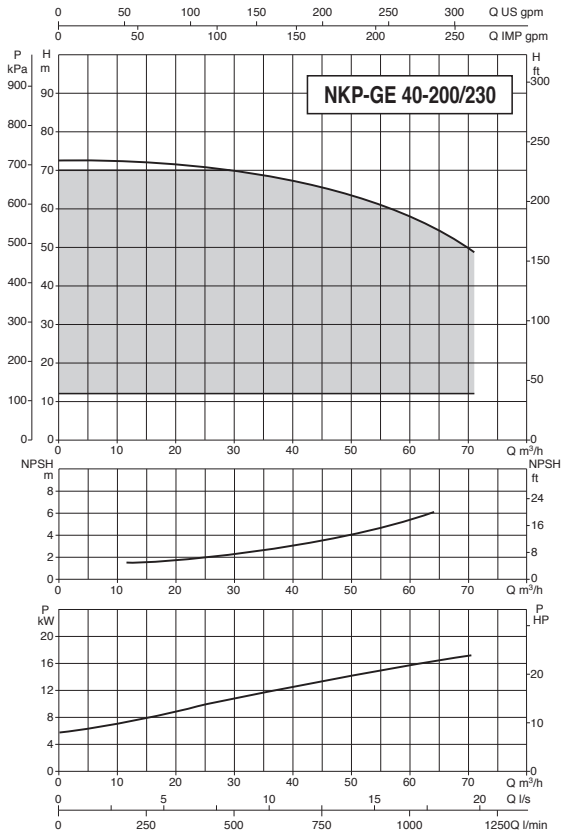


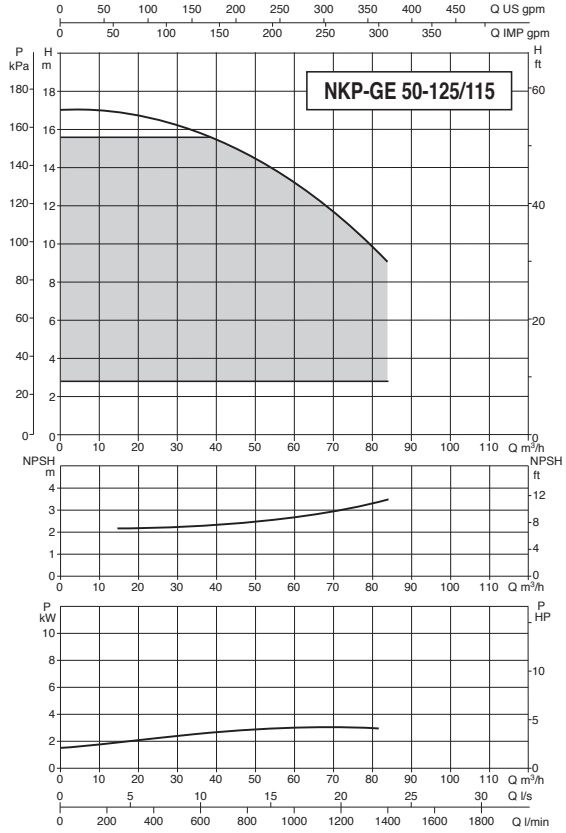


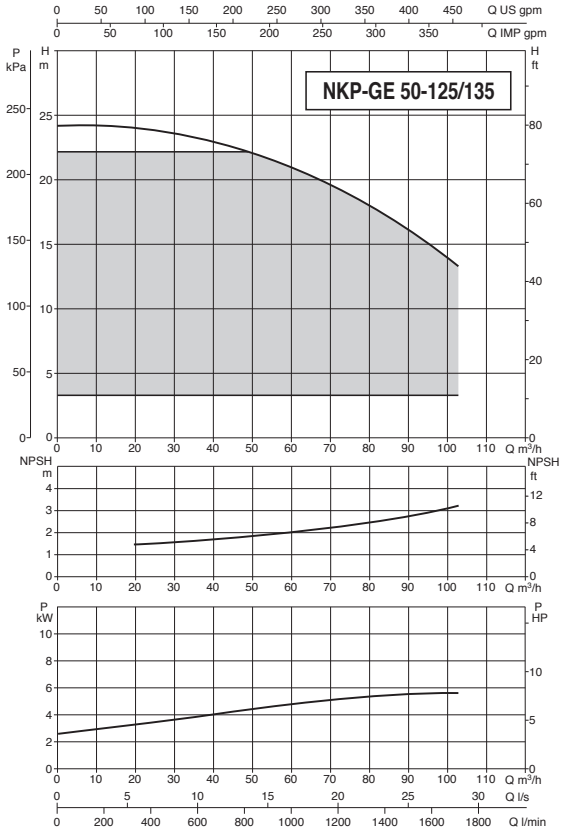


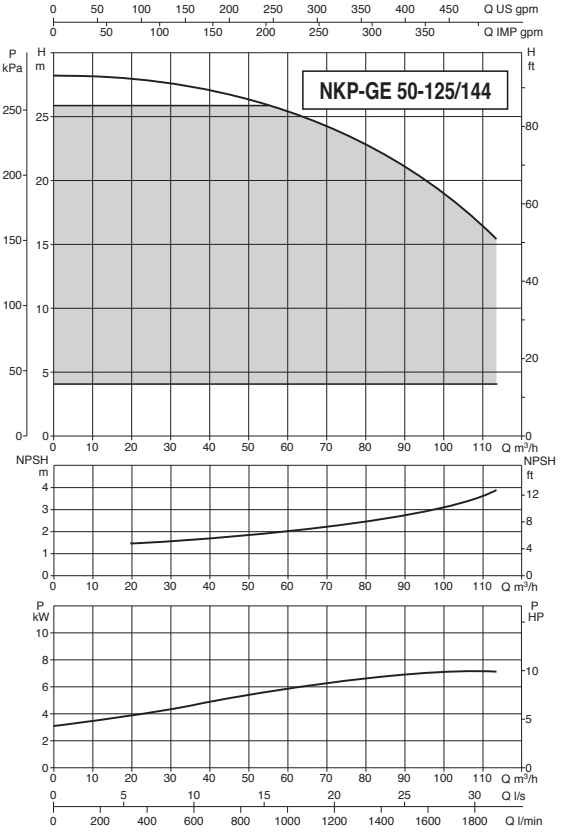


The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.





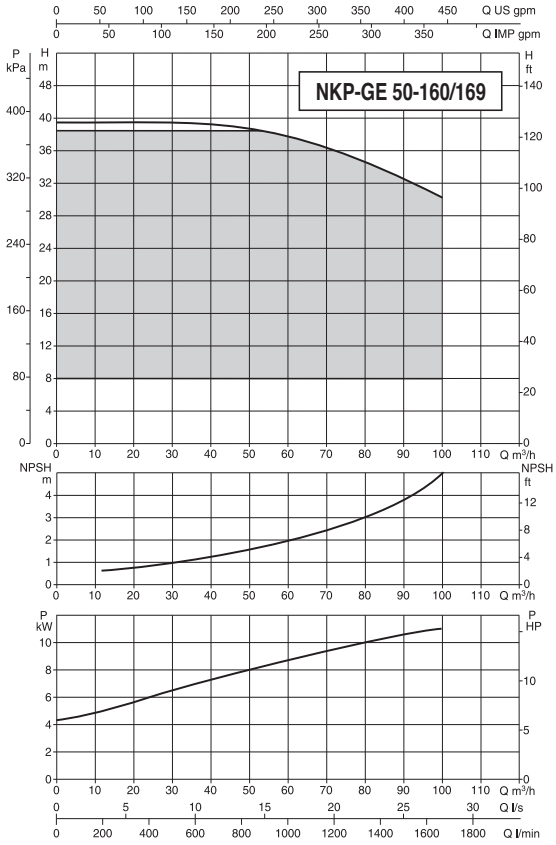


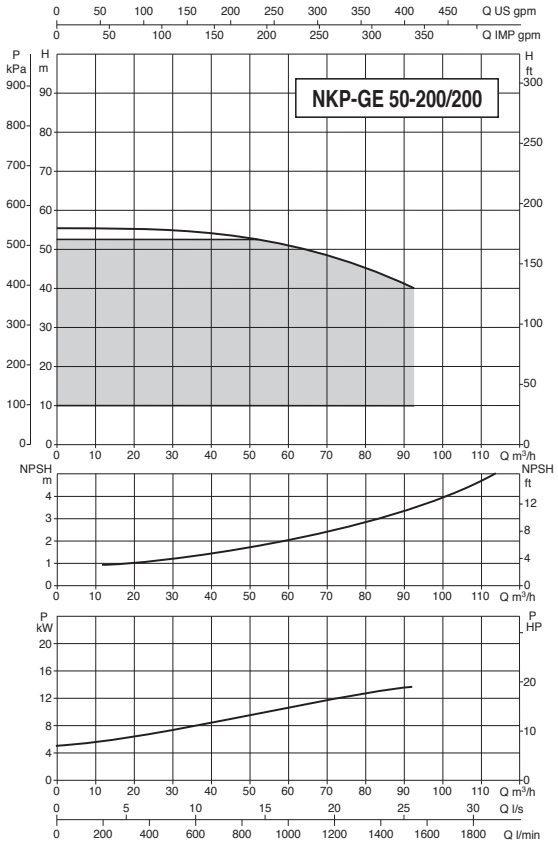


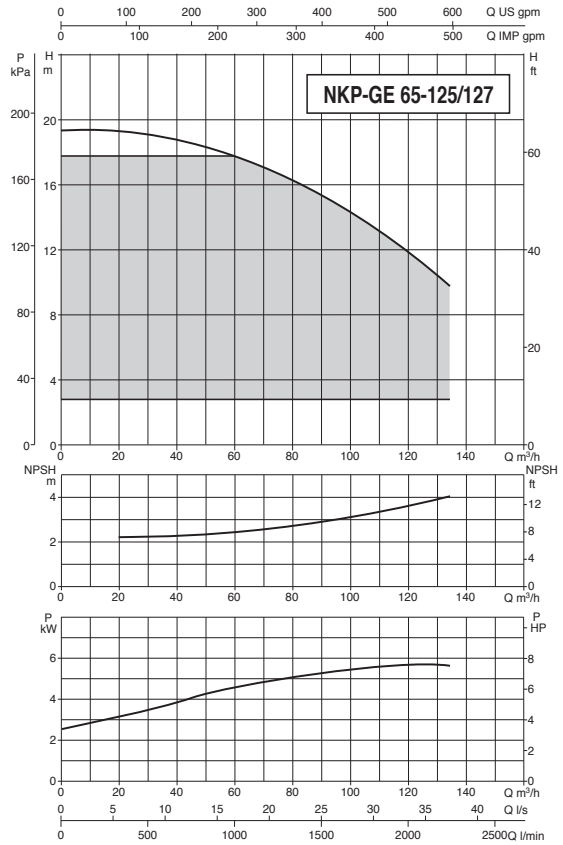
The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

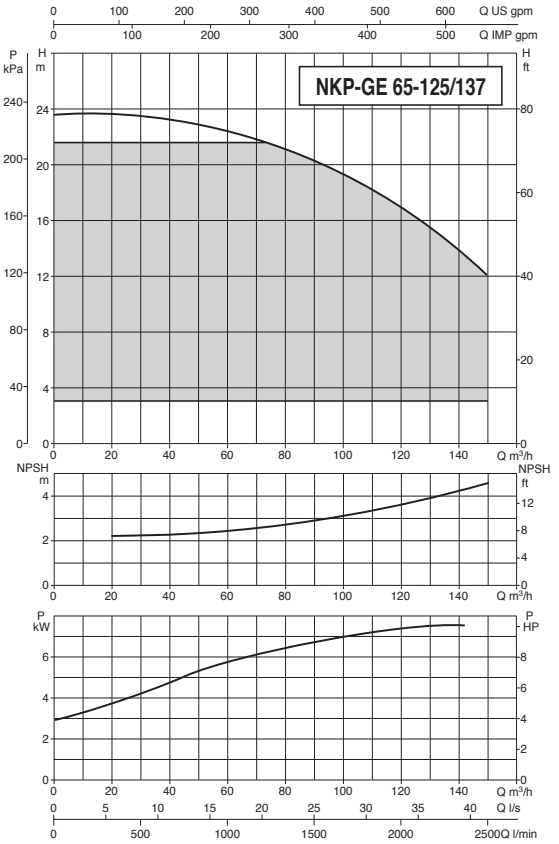
NKP-GE WITH MCE/C

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

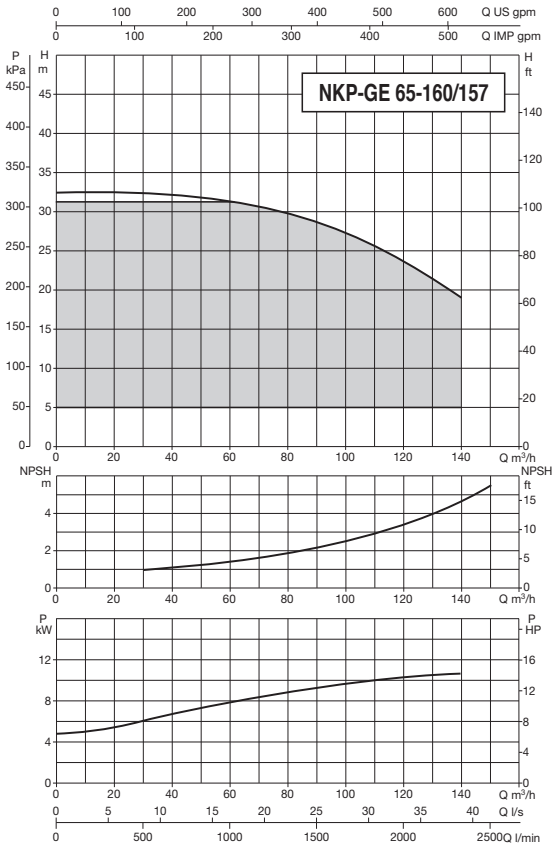


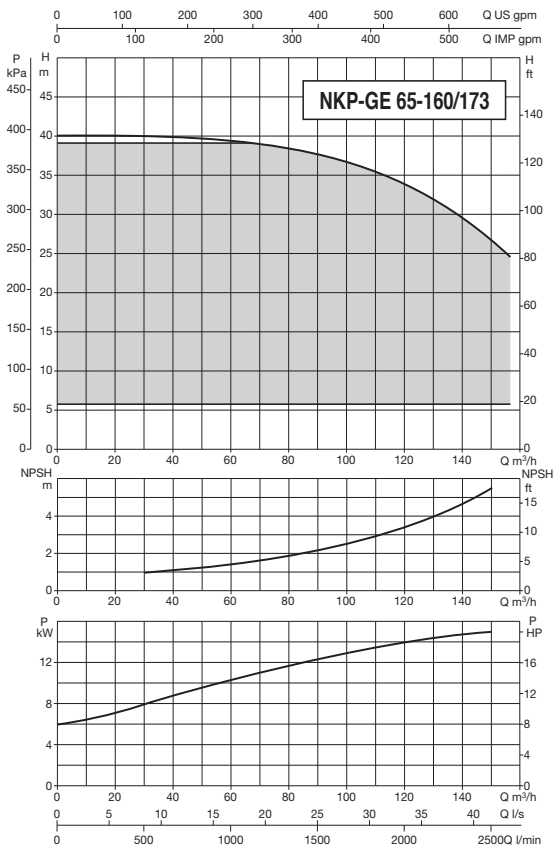


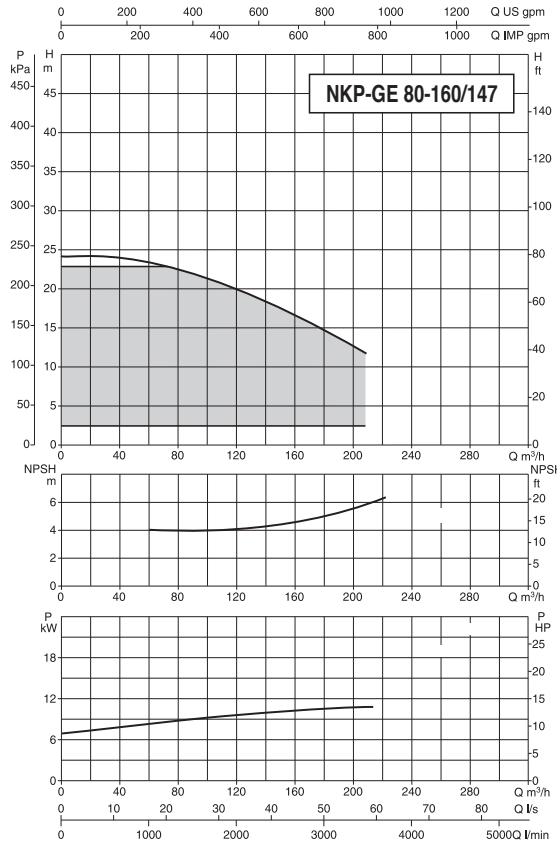


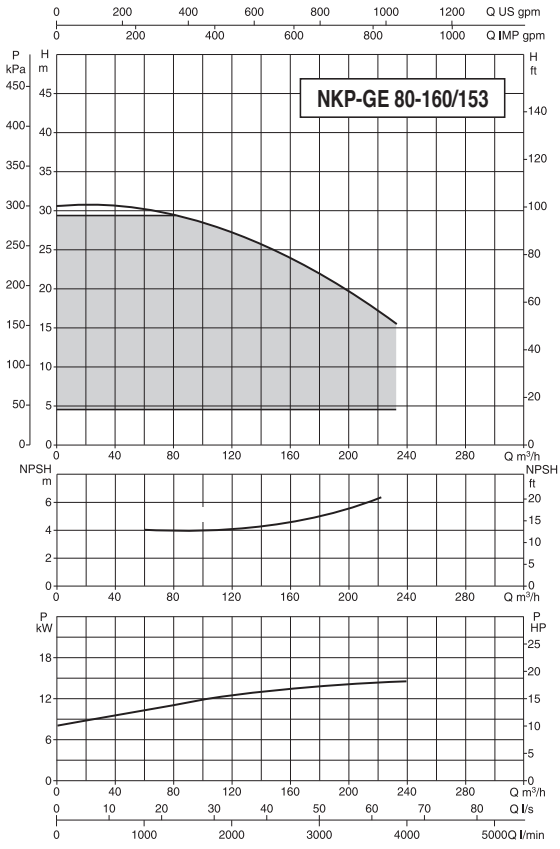


The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.



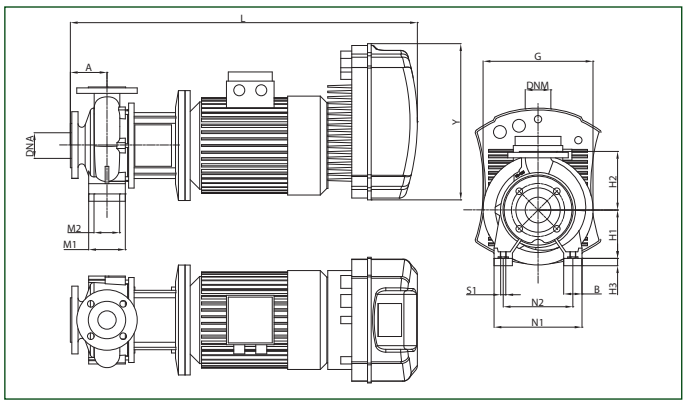


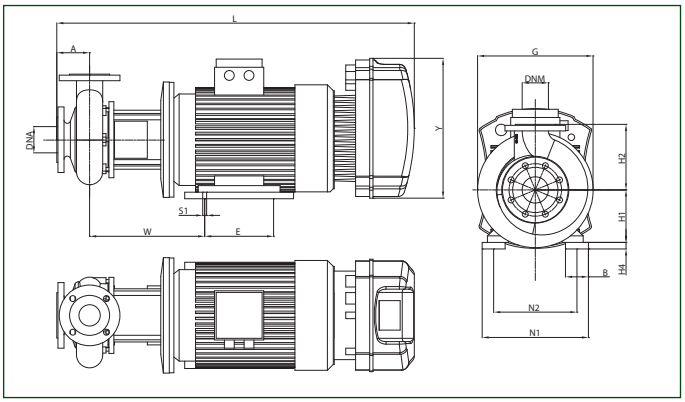




The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

DIMENSIONS AND WEIGHTS





MODEL	A	B	E	G	H1	H2	H3	H4	L	M1	M2	N1	N2	S1	W	X	Y	PACKAGING DIMENSIONS			WEIGHT KG
																		L/A	L/B	H	
NKP-GE 32-125.1/115/A/BAQE/1.1/2 M MCE11/C	80	50		234	112	140			660	100	70	190	140	M10		100	262	800	400	400	51
NKP-GE 32-125.1/125/A/BAQE/1.5/2 M MCE15/C	80	50		234	112	140			673	100	70	190	140	M10		100	262	800	400	400	56
NKP-GE 32-125.1/140/A/BAQE/2.2/2 M MCE22/C	80	50		234	112	140			698	100	70	190	140	M10		100	262	800	400	400	58
NKP-GE 32-125/110/A/BAQE/1.1/2 M MCE11/C	80	50		234	112	140			660	100	70	190	140	M10		100	262	800	400	400	44
NKP-GE 32-125/120/A/BAQE/1.5/2 M MCE15/C	80	50		234	112	140			673	100	70	190	140	M10		100	262	800	400	400	56
NKP-GE 32-125/130/A/BAQE/2.2/2 M MCE22/C	80	50		234	112	140			698	100	70	190	140	M10		100	262	800	400	400	58
NKP-GE 32-125/142/A/ BAQE/3/2 T MCE30/C	80	50		250	112	140	20		755	100	70	190	140	M10		100	353	800	400	400	76
NKP-GE 32-160.1/166/A/BAQE/3/2 T MCE30/C	80	50		250	132	160			755	100	70	240	190	M10		100	353	800	400	400	70
NKP-GE 32-160/151/A/BAQE/3/2 T MCE30/C	80	50		250	132	160			755	100	70	240	190	M10		100	353	800	400	400	70
NKP-GE 32-160/177/A/ BAQE/5,5/2 T MCE55/C	80	50		300	132	160	20		883	100	70	240	190	M10		100	353	1100	550	620	114
NKP-GE 32-200.1/205/A/BAQE/5,5/2 T MCE55/C	80	50		300	160	180			883	100	70	240	190	M10		100	353	1100	550	620	114
NKP-GE 32-200/190/A/BAQE/5.5/2 T MCE55/C	80	50		300	160	180			883	100	70	240	190	M10		100	353	1100	550	620	126
NKP-GE 32-200/210/A/BAQE/7.5/2 T MCE110/C	80	50		300	160	180			933	100	70	240	190	M10		100	426	1100	550	620	135
NKP-GE 40-125/107/A/BAQE/1.5/2 M MCE15/C	80	50		234	112	140			673	100	70	210	160	M10		100	262	800	400	400	61
NKP-GE 40-125/120/A/BAQE/2.2/2 M MCE22/C	80	50		234	112	140			698	100	70	210	160	M10		100	262	800	400	400	74
NKP-GE 40-125/130/A/BAQE/3/2 T MCE30/C	80	50		300	112	140			755	100	70	210	160	M10		100	353	800	400	400	85
NKP-GE 40-125/139/A/BAQE/4/2 T MCE55/C	80	50		300	112	140			755	100	70	210	160	M10		100	353	800	400	400	107
NKP-GE 40-160/158/A/BAQE/5,5/2 T MCE55/C	80	50		300	132	160			883	100	70	240	190	M10		100	353	1100	550	620	119
NKP-GE 40-160/172/A/BAQE/7,5/2 T MCE110/C	80	50		300	132	160			933	100	70	240	190	M10		100	426	1100	550	620	127
NKP-GE 40-200/210/A/BAQE/11/2 T MCE110/C	100	67	210	350	160	180		20	1053			314	254	M12	351	100	426	1100	550	620	207
NKP-GE 40-250/230/A/BAQE/15/2 T MCE150/C	100	67	210	350	160	225		20	1053			314	254	M12	351	100	426	1100	550	620	220
NKP-GE 50-125/115/A/BAQE/3/2 T MCE30/C	100	50		251	132	160			775	100	70	240	190	M10		100	353	1100	550	620	87
NKP-GE 50-125/135/A/BAQE/5,5/2 T MCE55/C	100	50		300	132	160			903	100	70	240	190	M10		100	353	1100	550	620	124
NKP-GE 50-125/144/A/BAQE/7,5/2 T MCE110/C	100	50		300	132	160			953	100	70	240	190	M10		100	426	1100	550	620	133
NKP-GE 50-160/169/A/BAQE/11/2 T MCE110/C	100	67	210	350	160	180		20	1053			314	254	M12	351	100	426	1100	550	620	132
NKP-GE 50-200/200/A/BAQE/15/2 T MCE150/C	100	67	210	350	160	200		20	1053			314	254	M12	351	100	426	1100	550	620	216
NKP-GE 65-125/127/A/BAQE/5,5/2 T MCE55/C	100	65		300	160	180			903	125	95	280	212	M10		100	353	1100	550	620	122
NKP-GE 65-125/137/A/BAQE/7,5/2 T MCE110/C	100	65		300	160	180			953	125	95	280	212	M10		100	426	1100	550	620	131
NKP-GE 65-160/157/A/BAQE/11/2 T MCE110/C	100	67	210	350	160	200		20	1053			314	254	M12	351	100	426	1100	550	620	202
NKP-GE 65-160/173/A/BAQE/15/2 T MCE150/C	100	67	210	350	160	200		20	1053			314	254	M12	351	100	426	1100	550	620	212
NKP-GE 80-160/147-127/A/BAQE/11/2 T MCE110/C	125	67	210	350	160	225		20	1078			314	254	M12	351	140	426	1360	500	530	215
NKP-GE 80-160/153/A/BAQE/15/2 T MCE150/C	125	67	210	350	160	225		20	1078			314	254	M12	351	140	426	1360	500	530	221

KDNE WITH MCE/C

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

MCE/C
PAG. 2

CE

HEATING, AIR-CONDITIONING AND INDUSTRIAL APPLICATION



ENERGY EFFICIENCY IE2

Standardised centrifugal pumps on skid with elastic coupling, electronics designed for a wide range of applications such as:

- Circulation of hot water for heating.
- Circulation of cold water for air conditioning.
- Circulation of cold water for cooling.

Highly versatile pumps thanks to the use of the DAB MCE/C inverter, to guarantee performance able to automatically adapt to the various system requirements, while maintaining constant differential pressure.
Spiral single-stage body in cast iron according to DIN-EN 733 (ex DIN 24255), cast iron seal cover and motor support, flanges according to DIN 2533 (DIN 2532 for DN 200). Cast iron impeller, sealed and dynamically balanced with axial thrust compensation via balancing holes, operating (on request) on interchangeable wear rings. Pump shaft in stainless steel mounted on two generously sized ball bearings, permanently lubricated and housed in a special chamber inside the support.
Standard seal: standardised mechanical seal according to DIN 24960 in carbon/silicon carbide with O-rings in EPDM. On request, packing seals are available, with hydraulic lubrication ring and gland in two easily removable parts.
Sealed, asynchronous motor cooled by external ventilation; 2-pole or 4-pole. Rotor mounted on generously sized ball bearings to ensure silent and durable operation. Electrical protection: according to standards transposed into the ELECTROMAGNETIC COMPATIBILITY DIRECTIVE EEC 89/336 and subsequent amendments, LOW VOLTAGE DIRECTIVE EEC 73/23 and subsequent amendments and standards CEI 2-3.

Construction design: B3
Speed of rotation: 1450 - 2900 1/min.
Operating range: from 1 a 420 m³/h with head up to 70 meters
Liquid temp. range: from -10°C to +140°C.
Pumped liquid: clean, free from solid or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, characteristics similar to water.
Max. ambient temperature: +40°C
Maximum operating pressure: 16 bar - 1600 kPa (per il DN 200 max 10 bar).
Protection rating: IP 55
Thermal category: F
Flanging:
PN 16 DIN 2533
PN 10 DIN 2532 per DN 200
Installation: fixed horizontally.
Special versions on request:

ACCESSORIES
PAG. 443

KDNE 4 POLES WITH MCE/C - FOR CIRCULATING SYSTEM

CAST IRON IMPELLER

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA																				
		MODEL MCE	VOLTAGE 50 Hz	P2 NOMINAL		Q=m³h	0	3	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114
				kW	HP	Q=l/min	0	50	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900
KDNE 32-125.1/140 M	60142983	MCE11/C	1 x 230 ~V	0,55	0,75		6.6	6.6	6.4	5.1															
KDNE 32-125/142 M	60142992	MCE11/C	1 x 230 ~V	0,75	1		6.9		6.75	6.15	4.5														
KDNE 32-160.1/177 M	60143229	MCE11/C	1 x 230 ~V	0,75	1		9	9.8	9.5	6.6															
KDNE 32-160/177 M	60143010	MCE11/C	1 x 230 ~V	1,1	1,5		10.5		10.4	9.6	7.8														
KDNE 32-200.1/207 M	60143232	MCE11/C	1 x 230 ~V	1,1	1,5		13.8	13.8	13	8.9															
KDNE 32-200/200 M	60143027	MCE11/C	1 x 230 ~V	1,1	1,5		12.6		12.3	11.1	8.7														
KDNE 32-200/219 M	60143029	MCE22/C	1 x 230 ~V	2,2	3		15.7		15.4	14.8	13	9.8													
KDNE 40-125/142 M	60143044	MCE11/C	1 x 230 ~V	1,1	1,5		6.7		6.6	6.5	6	5.3	4.1												
KDNE 40-160/161 M	60143053	MCE11/C	1 x 230 ~V	1,1	1,5	H (m)	8.6		8.5	8.4	8	7.1	5.6												
KDNE 40-160/177 M	60143054	MCE15/C	1 x 230 ~V	1,5	2		10.7		10.7	10.6	10.2	9.5	8.3												
KDNE 40-200/180 M	60143067	MCE11/C	1 x 230 ~V	1,1	1,5		9.7		9.7	9.4	8.8	7.2													
KDNE 40-200/200 M	60143068	MCE15/C	1 x 230 ~V	1,5	2		12.2		12.1	12	11.7	10.4	8.6												
KDNE 40-200/219 M	60143069	MCE22/C	1 x 230 ~V	2,2	3		15		15	15	14.7	13.8	12.4	10.4											
KDNE 40-250/230 M	60143078	MCE22/C	1 x 230 ~V	2,2	3		17.4			17.2	16.5	15.3	13.7												
KDNE 40-250/240	60143079	MCE30/C	3 x 400 ~V	3	4		19.1			19	18.2	17	15.5												
KDNE 40-250/260	60143080	MCE55/C	3 x 400 ~V	4	5,5		22.7			22.6	22.1	21	19.5												

DAB PUMPS reserves the right to make modifications without notice

KDNE 4 POLES WITH MCE/C - FOR CIRCULATING SYSTEM

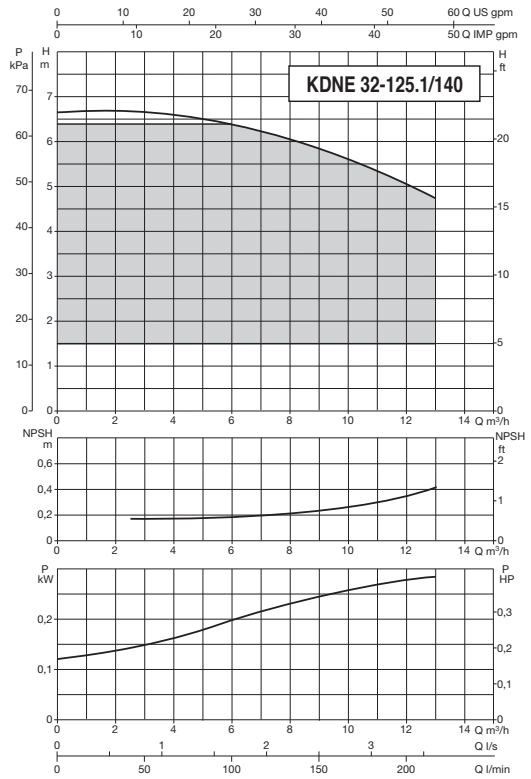
CAST IRON IMPELLER

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA																				
		MODEL MCE	VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	Q=m³h	0	3	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114
						Q=l/min	0	50	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900
KDNE 50-125/139 M	60143087	MCE11/C	1 x 230 ~V	1,1	1,5		6.3			6.2	6.1	5.9	5.6	5.2	4.8	4.2									
KDNE 50-125/144 M	60143088	MCE15/C	1 x 230 ~V	1,5	2		6.7			6.7	6.6	6.4	6.2	5.8	5.3	4.8	4.1								
KDNE 50-160/137 M	60143096	MCE11/C	1 x 230 ~V	1,1	1,5		6			6	5.9	5.6	5.2	4.8											
KDNE 50-160/153 M	60143097	MCE15/C	1 x 230 ~V	1,5	2		7.6			7.6	7.5	7.4	7.2	6.7											
KDNE 50-160/169 M	60143098	MCE22/C	1 x 230 ~V	2,2	3		9.4			9.3	9.2	9.2	9.1	8.8											
KDNE 50-160/177 T	60143099	MCE30/C	3 x 400 ~V	3	4		10.4			10.3	10.3	10.2	10.1	9.95											
KDNE 50-200/170 M	60143112	MCE15/C	1 x 230 ~V	1,5	2		9.5			9.3	9.2	8.8	8	6.85											
KDNE 50-200/190 M	60143113	MCE22/C	1 x 230 ~V	2,2	3		11.8			11.7	11.6	11.4	10.8	10.1	8.9										
KDNE 50-200/210 T	60143114	MCE30/C	3 x 400 ~V	3	4		14.6			14.6	14.5	14.4	13.9	13.2	12.2	11									
KDNE 50-200/219 T	60143115	MCE55/C	3 x 400 ~V	4	5,5		16			16	16	15.9	15.4	14.2	13.8	12.7	11.4								
KDNE 50-250/220 T	60143123	MCE30/C	3 x 400 ~V	3	4		15.9			15.7	15.6	15.4	14.9	13.8	12.4	10.5									
KDNE 50-250/263 T	60143125	MCE55/C	3 x 400 ~V	5,5	7,5		23			23	22.9	22.8	22.5	21.7	20.6	19.4	17.5								
KDNE 65-125/130 M	60143138	MCE11/C	1 x 230 ~V	1,1	1,5	H (M)	5.1					4.9	4.75	4.6	4.3	4.1	3.8	3.3	2.8						
KDNE 65-125/144 M	60143140	MCE15/C	1 x 230 ~V	1,5	2		6.4					6.35	6.25	6.2	5.9	5.7	5.4	5	4.65	4.2	3.7				
KDNE 65-160/137 M	60143148	MCE11/C	1 x 230 ~V	1,1	1,5		5.8					5.7	5.4	5.2	4.75	4.3	3.7								
KDNE 65-160/153 M	60143149	MCE15/C	1 x 230 ~V	1,5	2		7.3					7.2	7.2	6.9	6.7	6.3	5.8	5.25							
KDNE 65-160/169 M	60143150	MCE22/C	1 x 230 ~V	2,2	3		9.1					9.1	9	8.9	8.7	8.4	8	7.6	7.1	6.4					
KDNE 65-160/177 T	60143151	MCE30/C	3 x 400 ~V	3	4		10					10	9.9	9.8	9.7	9.45	9.1	8.7	8.2	7.5					
KDNE 65-200/180 M	60143159	MCE22/C	1 x 230 ~V	2,2	3		10.4				10.4	10.4	10.3	10.2	10	9.5	8.8	8.1							
KDNE 65-200/190 T	60143160	MCE30/C	3 x 400 ~V	3	4		12.1				12	12	12	11.9	11.5	11.1	10.5	9.8	8.8						
KDNE65-200/219 T	60143162	MCE55/C	3 x 400 ~V	5,5	7,5		16.2				16.2	16.2	16.1	16	15.9	15.8	15.4	15	14.4	13.5	12.7				
KDNE 65-250/240 T	60143168	MCE55/C	3 x 400 ~V	5,5	7,5		19					19	18.9	18.5	18.1	17.5	16.8	16	14.7	13.6					
KDNE 65-250/263 T	60143169	MCE110/C	3 x 400 ~V	7,5	10		23.2					23	23	22.9	22.5	22.2	21.6	20.8	19.8	18.6	17.4	16			
KDNE 65-315/260 T	60143172	MCE110/C	3 x 400 ~V	7,5	10		22.3					22.2	22.1	22	21.5	21	20.5	20	19.2	18.4	17	16	15		
KDNE 65-315/290 T	60143173	MCE110/C	3 x 400 ~V	11	15		28.2					28.2	28.1	28	27.8	27.3	27	26.5	25.5	25	24	23.1	22	19.5	
KDNE 65-315/320 T	60143174	MCE150/C	3 x 400 ~V	15	20		35.7					35.4	35.3	35.2	35.1	35	34.8	34.5	33.8	33.5	32.5	31.5	30.8	28	24.8

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA																						
		MODEL MCE	VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	Q=m³h	0	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240	270	300	330	360	390	420
						Q=l/min	0	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
KDNE 80-160/153 M	60143177	MCE22/C	1 x 230 ~V	2,2	3		7.3	7.1	6.9	6.7	6.5	6.3	6	5.75	5.4	5.2	4.55	3.9	3.6										
KDNE 80-160/161	60143178	MCE30/C	3 x 400 ~V	3	4		8.2	8	7.9	7.75	7.5	7.3	7.05	6.8	6.5	6.25	5.6	4.9	4.6										
KDNE 80-160/177	60143179	MCE55/C	3 x 400 ~V	4	5,5		10	9.9	9.85	9.8	9.7	9.5	9.3	9.1	8.85	8.7	8.1	7.25	6.9										
KDNE 80-200/170	60143237	MCE30/C	3 x 400 ~V	3	4		9.2	9.1	9	8.7	8.5	8.2	7.8	7.5	7.1	6.7	5.6											
KDNE 80-200/200	60143188	MCE55/C	3 x 400 ~V	5,5	7,5		12.7	12.6	12.6	12.6	12.5	12.4	12.3	12	11.6	11.4	10.5	9.4	8.8										
KDNE 80-200/222	60143189	MCE110/C	3 x 400 ~V	7,5	10		15.9	15.9	15.8	15.7	15.6	15.6	15.5	15.4	15.3	15	14.3	13.4	12.8										
KDNE 80-250/230	60143194	MCE110/C	3 x 400 ~V	7,5	10		17.3	17.3	17.2	17.1	17	16.9	16.8	16.5	16	15.5	14.3	12.4											
KDNE 80-250/260	60143195	MCE110/C	3 x 400 ~V	11	15		22.6	22.5	22.5	22.4	22.3	22.2	22.1	22	21.8	21.4	20.6	19.6	19	15.1									
KDNE 80-250/270	60143196	MCE150/C	3 x 400 ~V	15	20		24.5	24.4	24.4	24.4	24.3	24.2	24.1	24	23.7	23.3	22.4	21.4	20.7	16.3									
KDNE 80-315/290	60143199	MCE150/C	3 x 400 ~V	15	20	H (M)	27.8		27.8	27.8	27.7	27.7	27.6	27.6	27.5	27.4	26.5	25	24.6	19.1									
KDNE 100-200/180	60143202	MCE55/C	3 x 400 ~V	5,5	7,5		10.1				10.1	10.1	10.	9.9	9.7	9.5	9.1	8.5	8.3	7	5.4								
KDNE 100-200/200	60143203	MCE110/C	3 x 400 ~V	7,5	10		12.9				12.8	12.8	12.8	12.7	12.6	12.5	12.2	11.8	11.6	10.4	8.8								
KDNE 100-200/219	60143204	MCE110/C	3 x 400 ~V	11	15		16				15.7	15.7	15.6	15.6	15.5	15.5	15.3	15.1	15	14	12.5	10.8							
KDNE 100-250/240	60143208	MCE110/C	3 x 400 ~V	11	15		18.5				18.3	18.3	18.3	18.2	18.1	18	17.9	17.6	17.4	15.7	13.3								
KDNE 100-250/260	60143209	MCE150/C	3 x 400 ~V	15	20		22.3				22.1	22.1	22.1	22	21.9	21.8	21.7	21.5	21.4	19.8	17.7	15.1							
KDNE 100-315/275	60143211	MCE150/C	3 x 400 ~V	15	20		25.1				25	25	25	24.9	24.8	24.7	24.6	24.4	24	22	19								
KDNE 125-250/230	60143214	MCE150/C	3 x 400 ~V	15	20		16.6										16.6	16.6	16.5	16.3	15.6	14.8	13.8	12.5	12.3	9.5			
KDNE 150-200/218-182	60143217	MCE110/C	3 x 400 ~V	11	15		10.4										10.4	10.4	10.3	10.2	9.9	9.5	9.1	8.6	8.1	7.4	6.6	5.8	
KDNE 150-200/224	60143218	MCE150/C	3 x 400 ~V	15	20		13.8										13.6	13.6	13.5	13.3	13	12.6	12.2	11.7	11.2	10.6	9.9	9.2	8.2

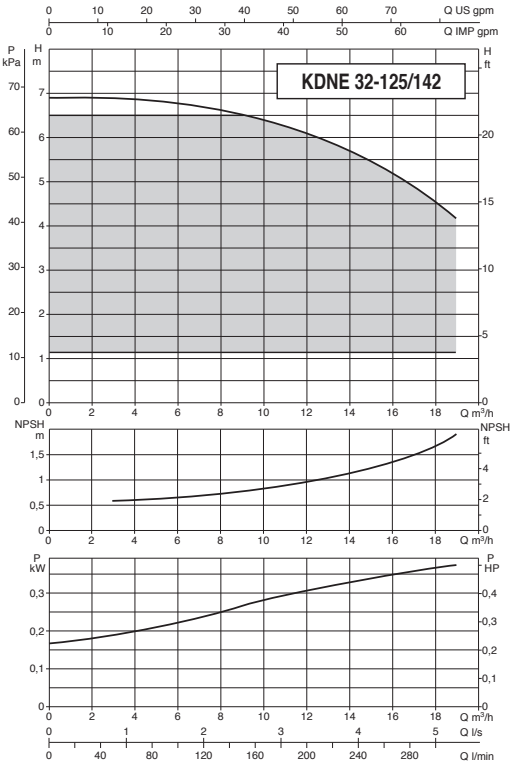
KDNE 32-125.1/140

≅ 1450 1/min



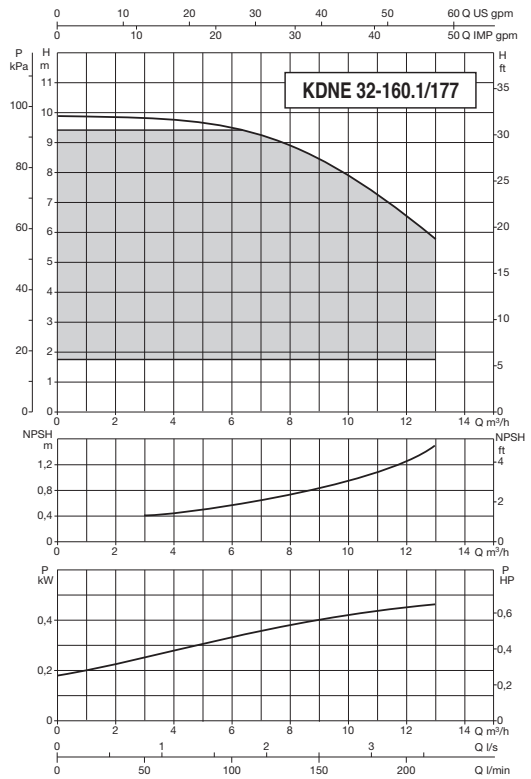
KDNE 32-125/142

≅ 1450 1/min



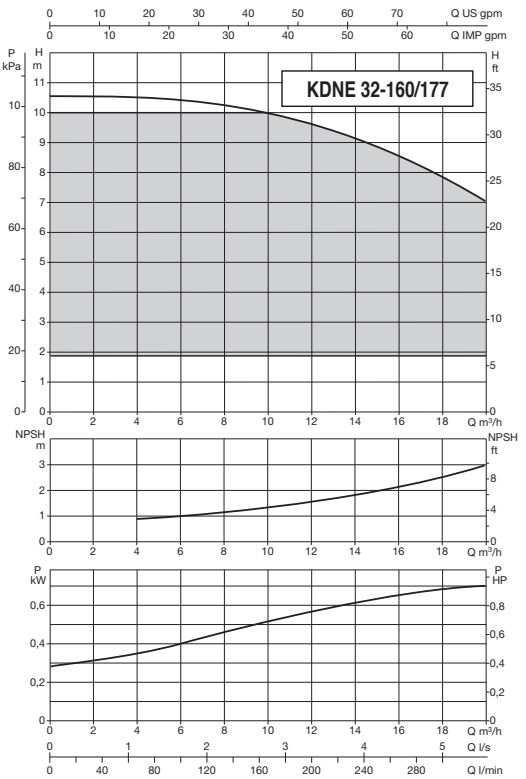
KDNE 32-160.1/177

≅ 1450 1/min



KDNE 32-160/177

≅ 1450 1/min



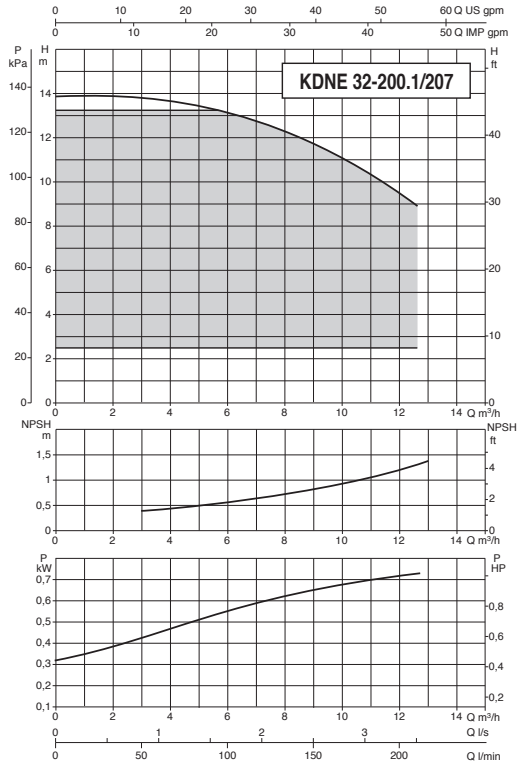
The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

KDNE WITH MCE/C - 4 POLES

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

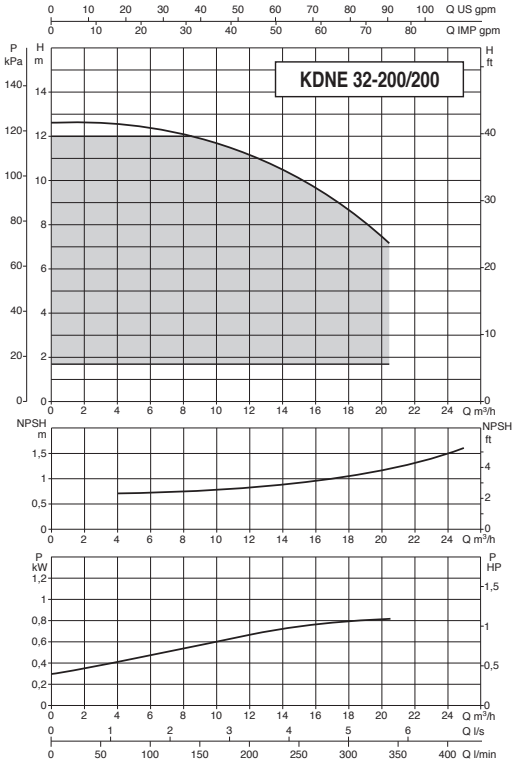
KDNE 32-200.1/207

≅ 1450 1/min



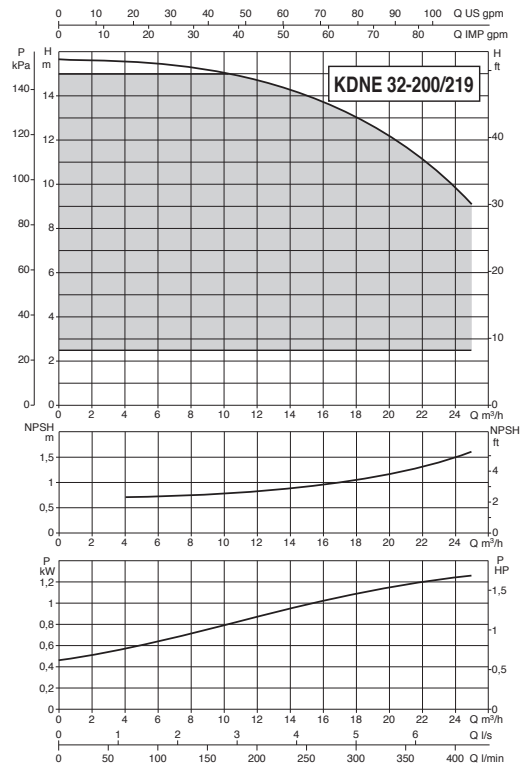
KDNE 32-200/200

≅ 1450 1/min



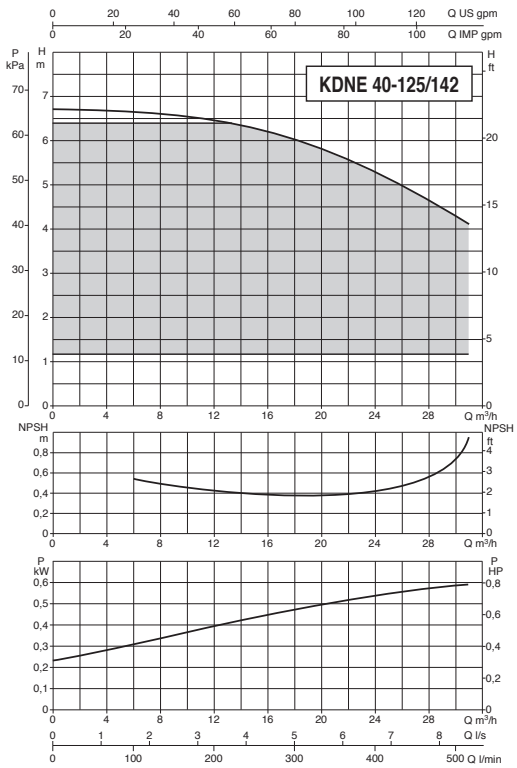
KDNE 32-200/219

≅ 1450 1/min



KDNE 40-125/142

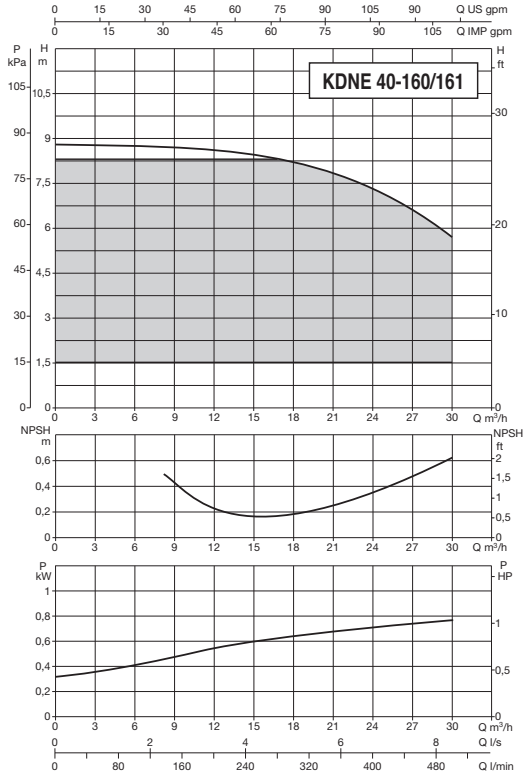
≅ 1450 1/min



The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

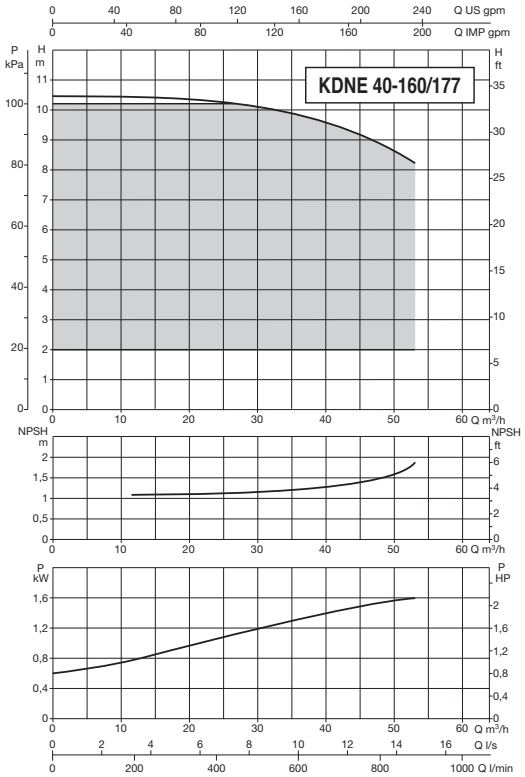
KDNE 40-160/161

≅ 1450 1/min



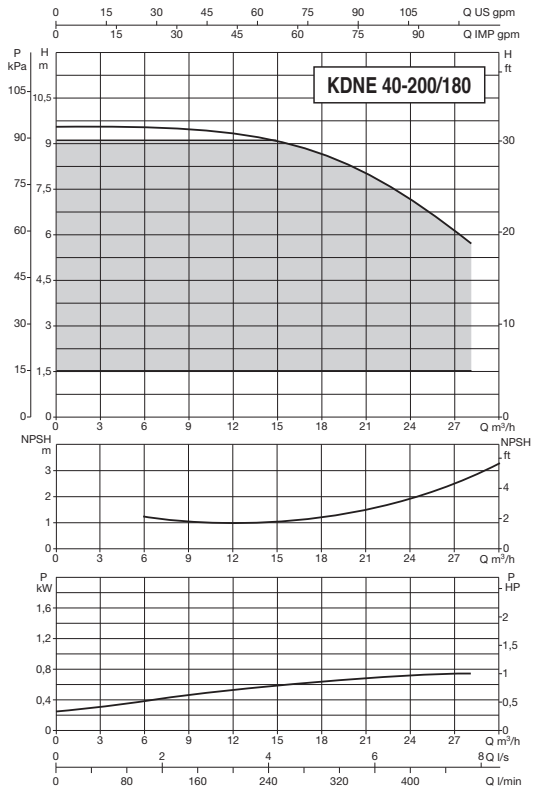
KDNE 40-160/177

≅ 1450 1/min



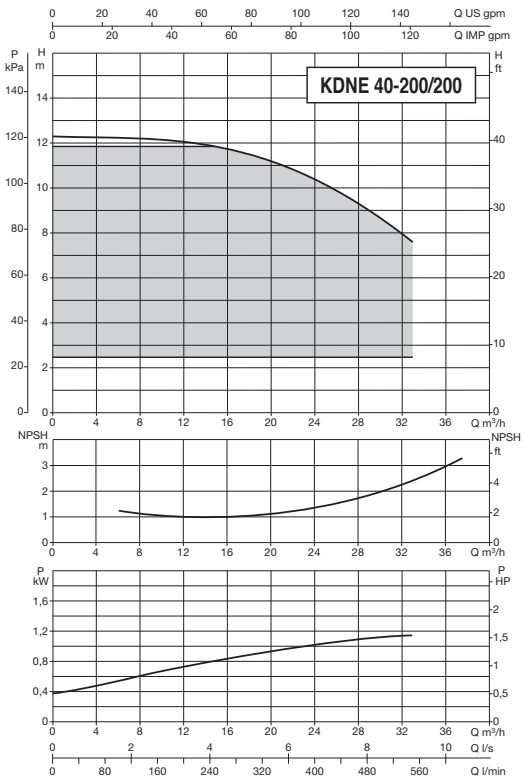
KDNE 40-200/180

≅ 1450 1/min



KDNE 40-200/200

≅ 1450 1/min

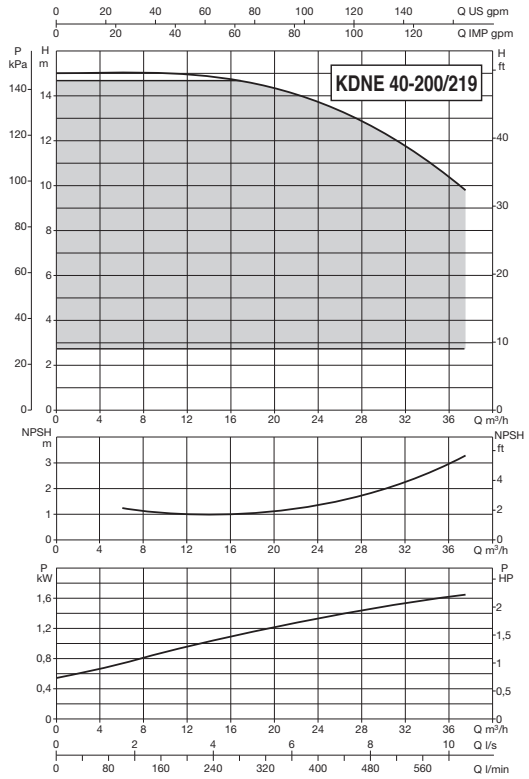


The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

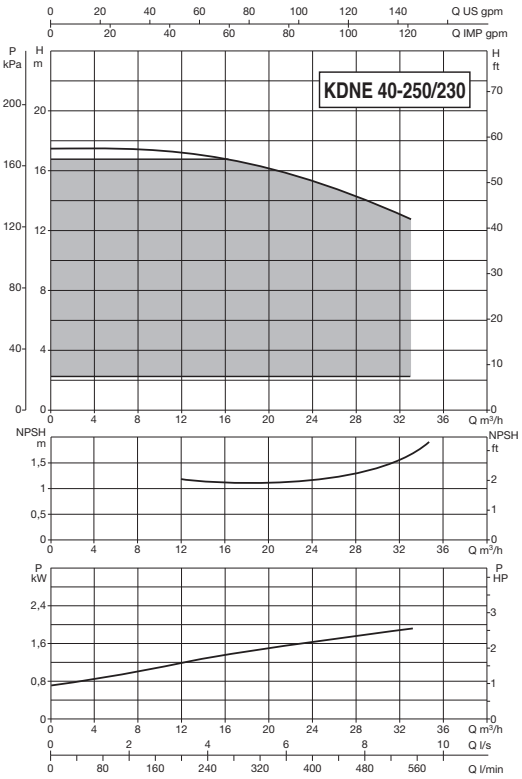
KDNE WITH MCE/C - 4 POLES

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

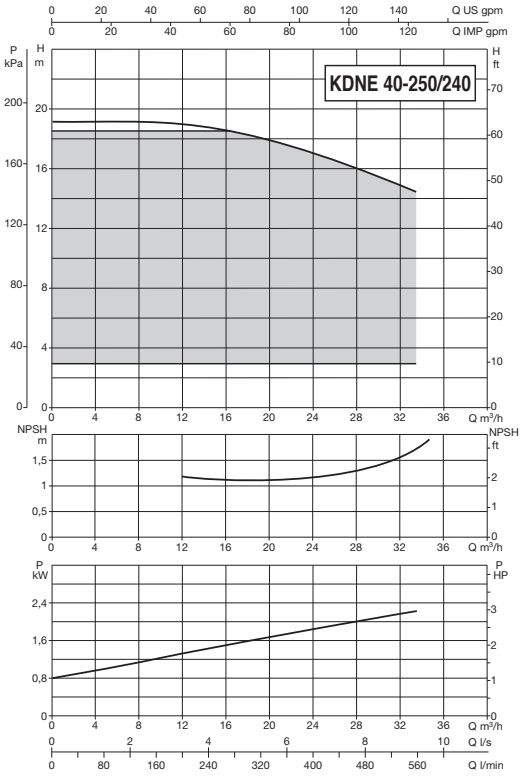
KDNE 40-200/219 ≅ 1450 1/min



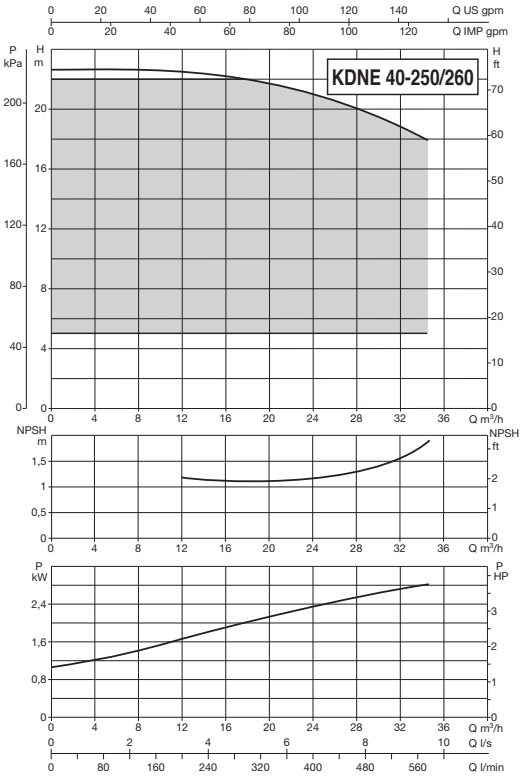
KDNE 40-250/230 ≅ 1450 1/min



KDNE 40-250/240 ≅ 1450 1/min



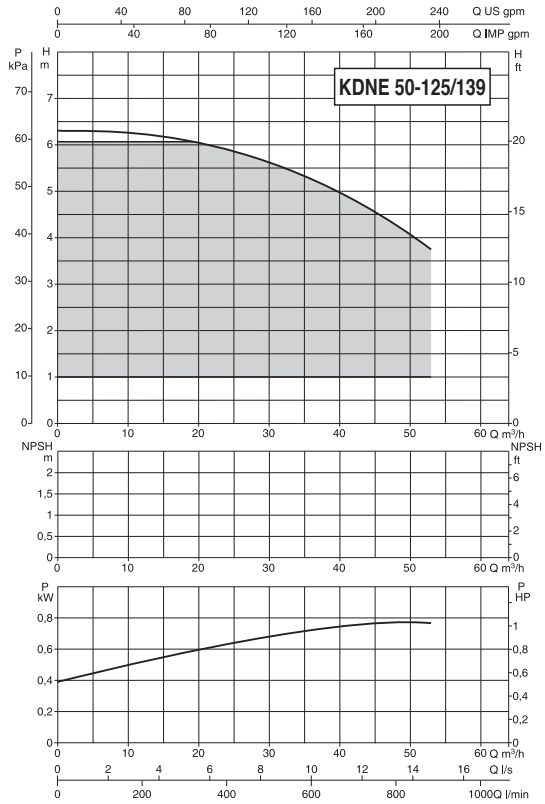
KDNE 40-250/260 ≅ 1450 1/min



The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

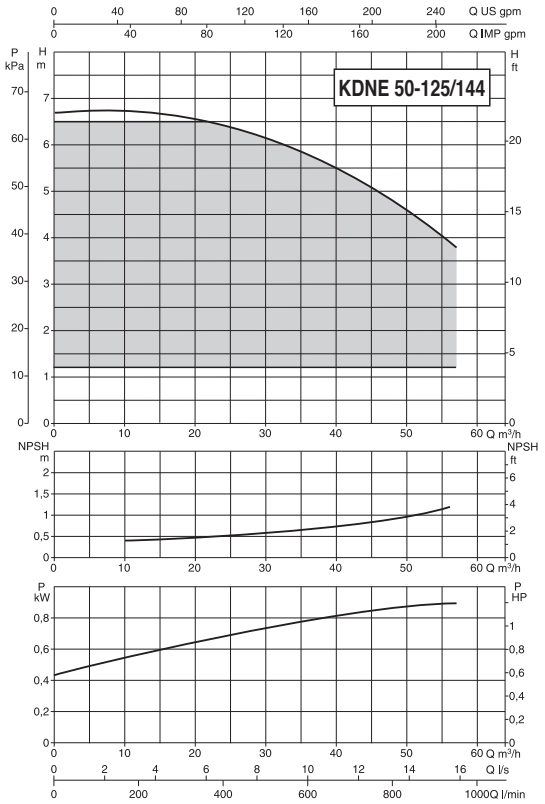
KDNE 50-125/139

≅ 1450 1/min



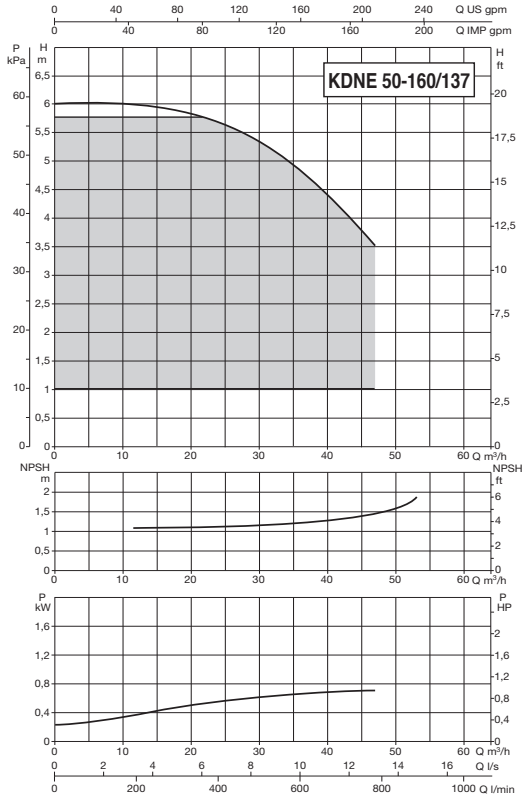
KDNE 50-125/144

≅ 1450 1/min



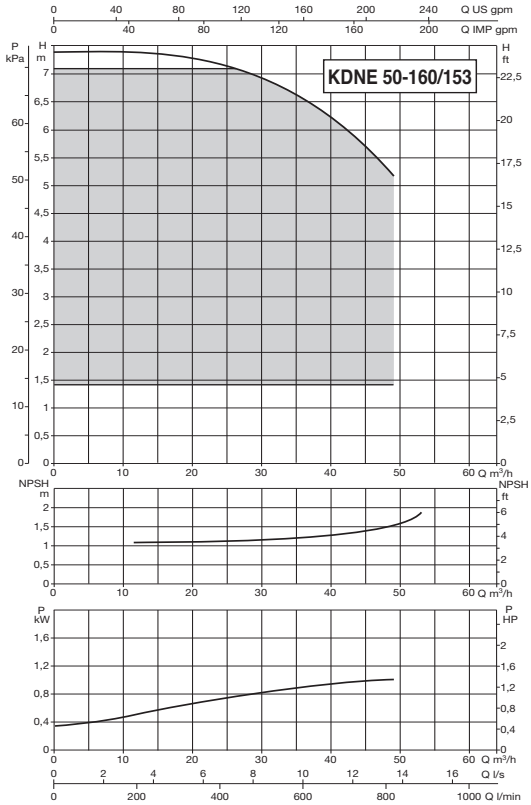
KDNE 50-160/137

≅ 1450 1/min



KDNE 50-160/153

≅ 1450 1/min



The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

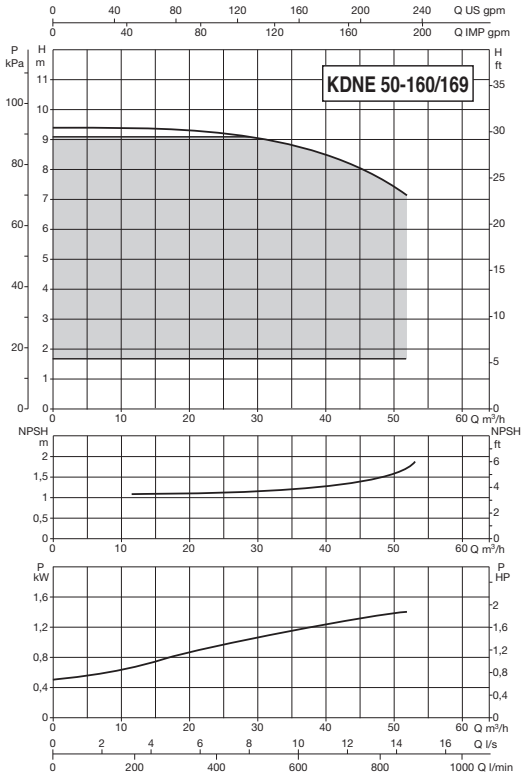
DAB PUMPS reserves the right to make modifications without notice

KDNE WITH MCE/C - 4 POLES

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

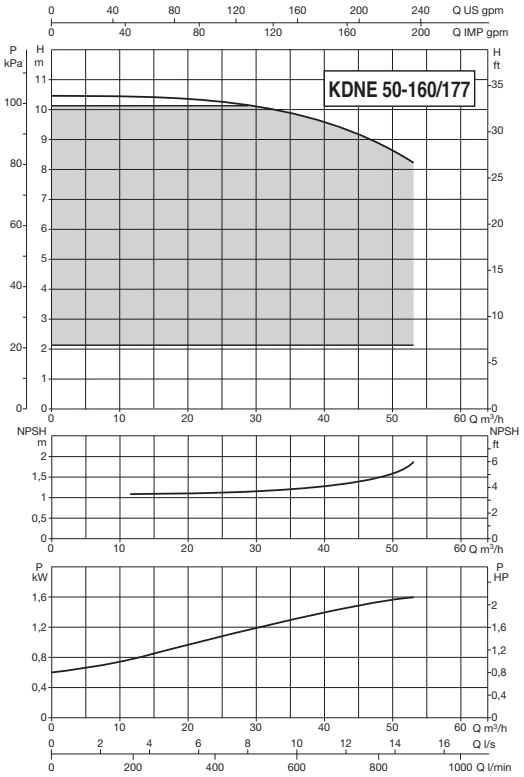
KDNE 50-160/169

≅ 1450 1/min



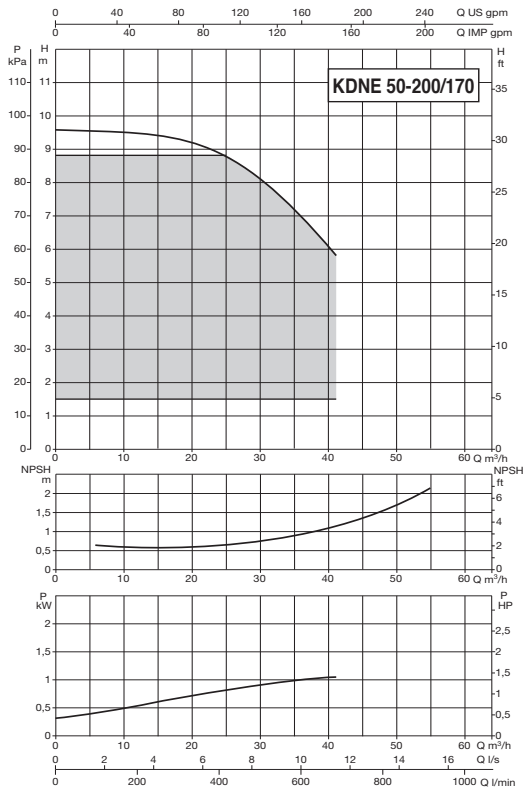
KDNE 50-160/177

≅ 1450 1/min



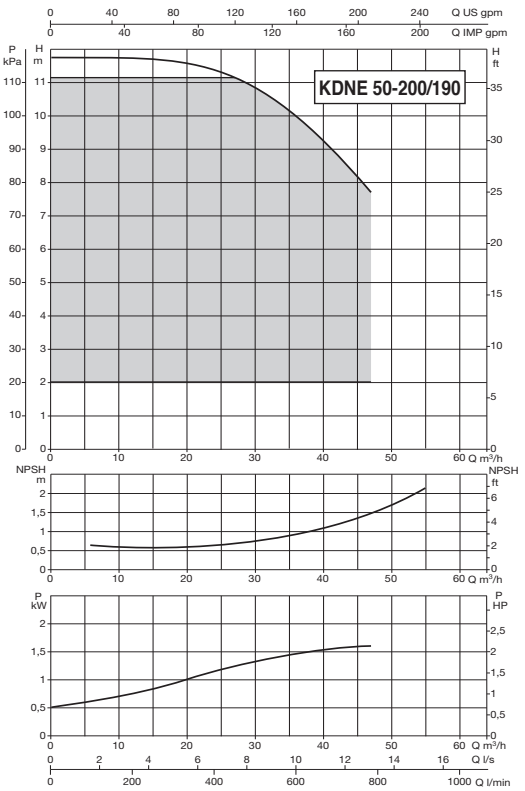
KDNE 50-200/170

≅ 1450 1/min



KDNE 50-200/190

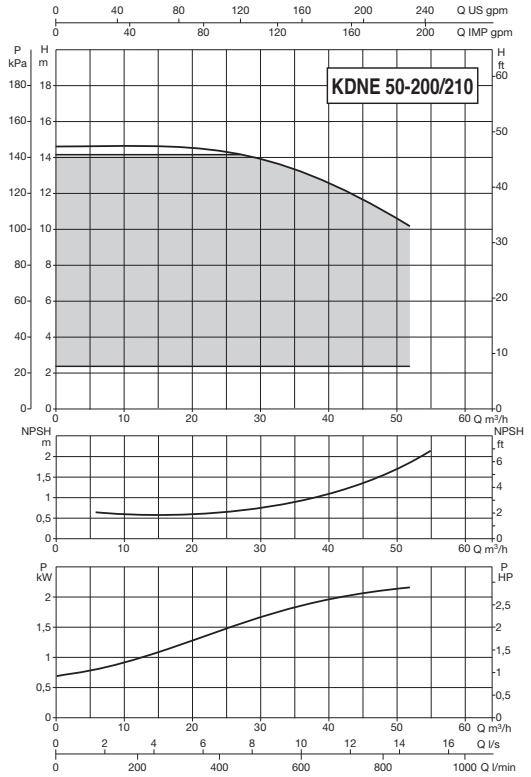
≅ 1450 1/min



The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

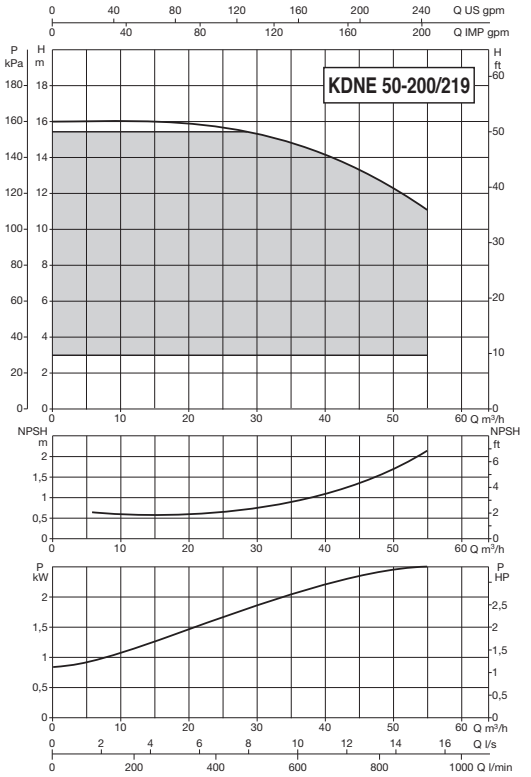
KDNE 50-200/210

≅ 1450 1/min



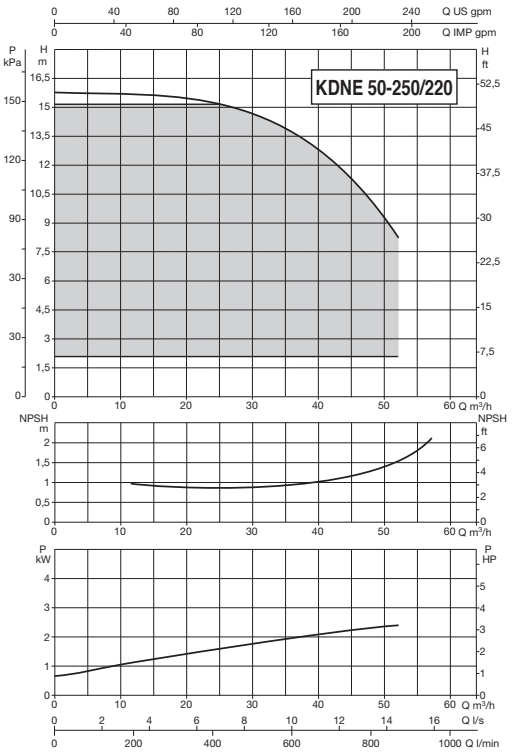
KDNE 50-200/219

≅ 1450 1/min



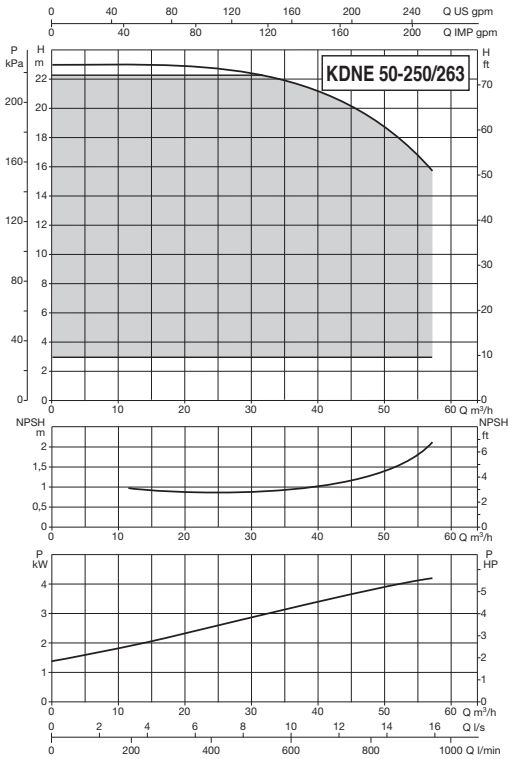
KDNE 50-250/220

≅ 1450 1/min



KDNE 50-250/263

≅ 1450 1/min



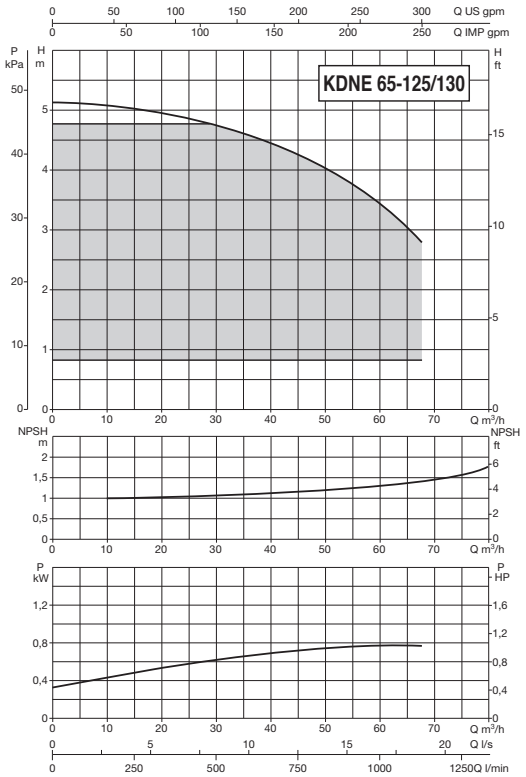
The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

KDNE WITH MCE/C - 4 POLES

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

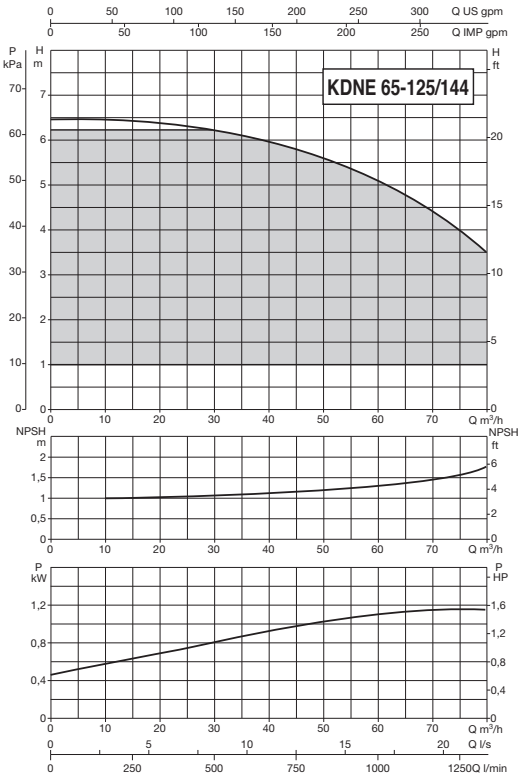
KDNE 65-125/130

≅ 1450 1/min



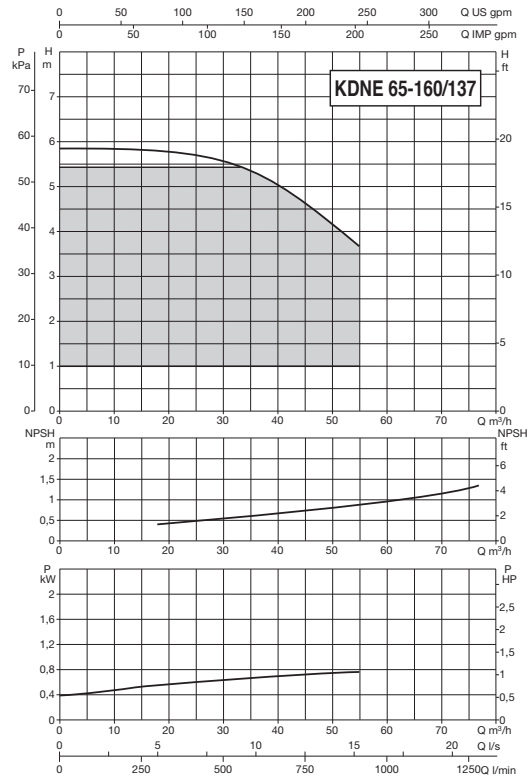
KDNE 65-125/144

≅ 1450 1/min



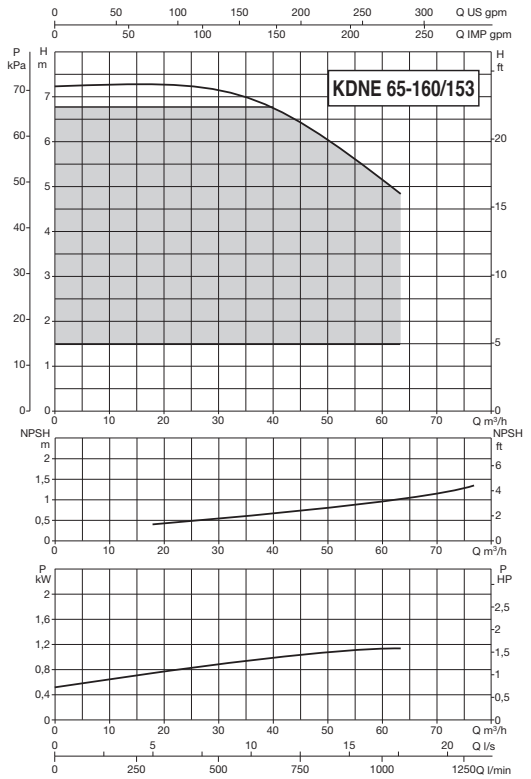
KDNE 65-160/137

≅ 1450 1/min



KDNE 65-160/153

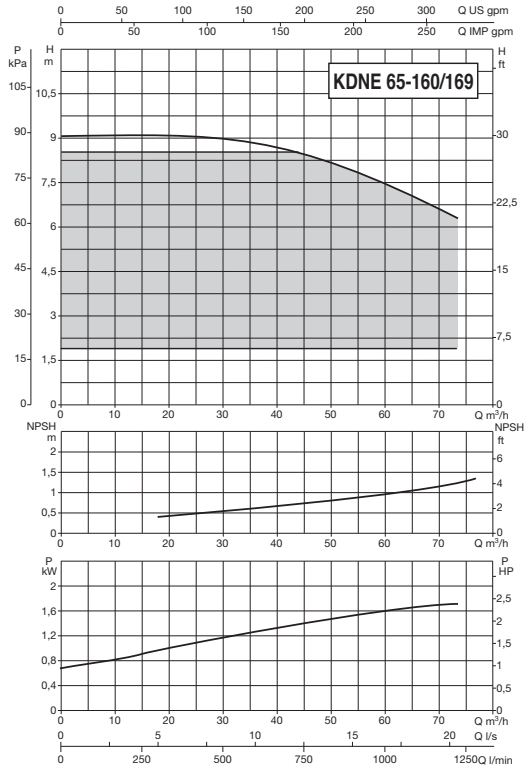
≅ 1450 1/min



The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

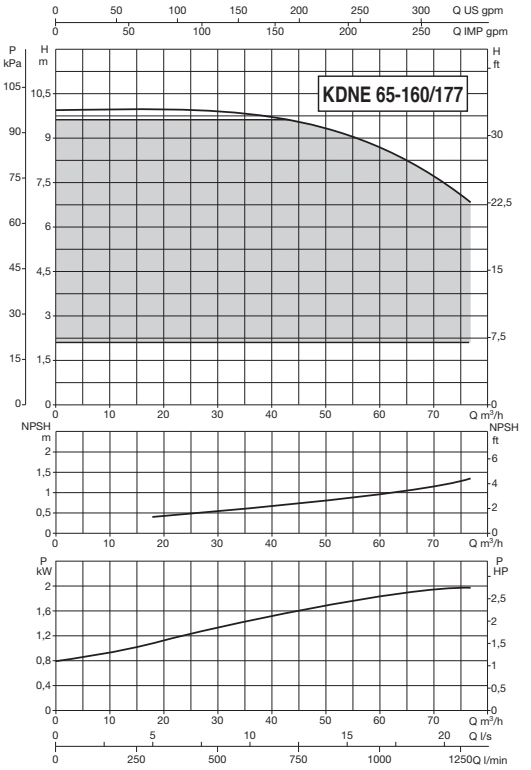
KDNE 65-160/169

≅ 1450 1/min



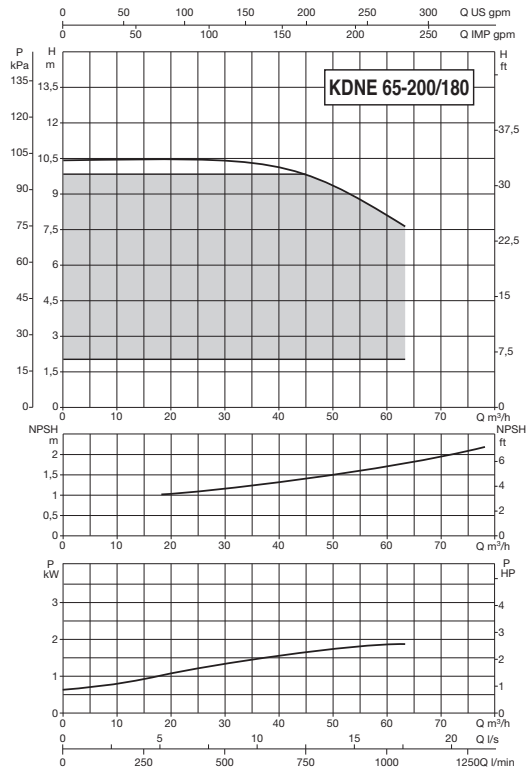
KDNE 65-160/177

≅ 1450 1/min



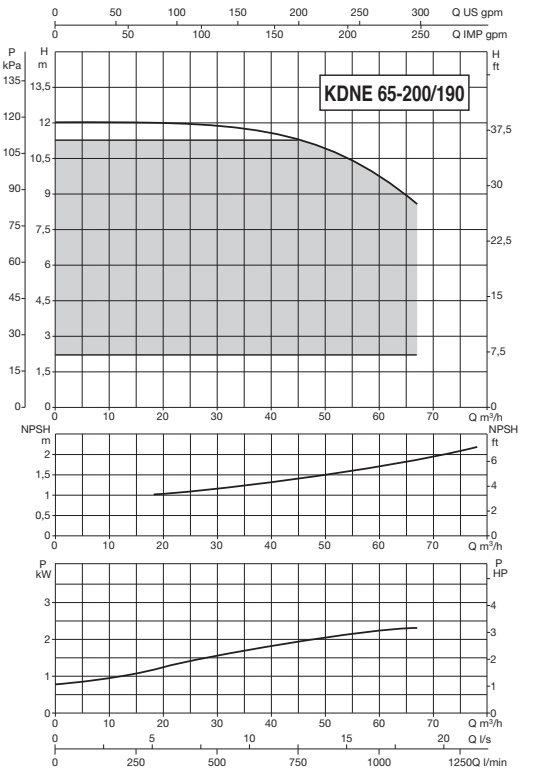
KDNE 65-200/180

≅ 1450 1/min



KDNE 65-200/190

≅ 1450 1/min



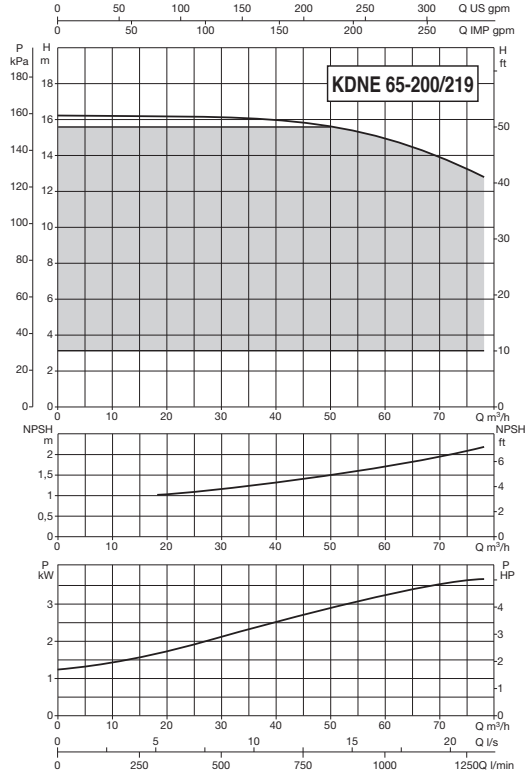
The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

KDNE WITH MCE/C - 4 POLES

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

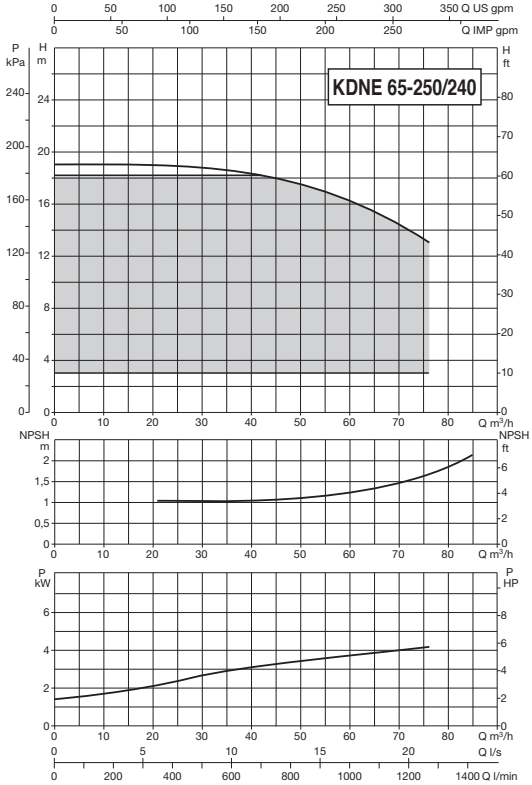
KDNE 65-200/219

≅ 1450 1/min



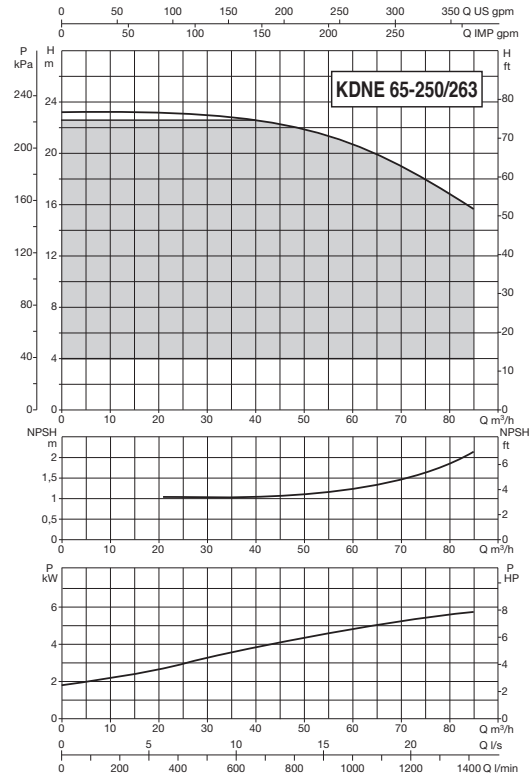
KDNE 65-250/240

≅ 1450 1/min



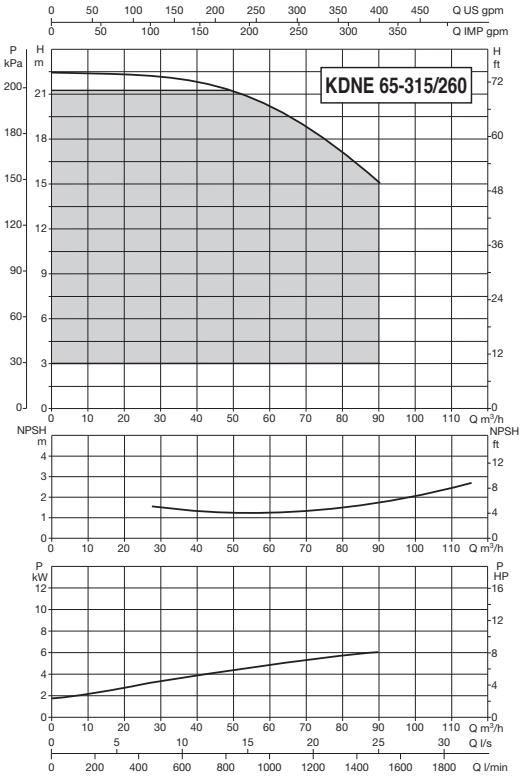
KDNE 65-250/263

≅ 1450 1/min



KDNE 65-315/260

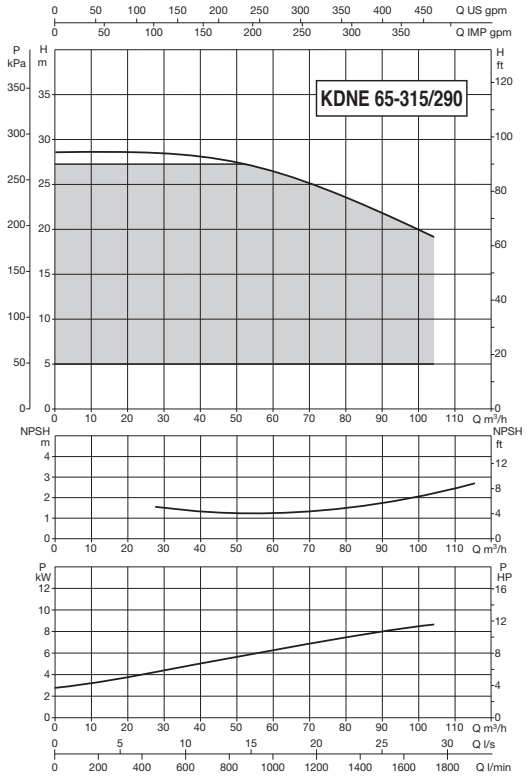
≅ 1450 1/min



The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

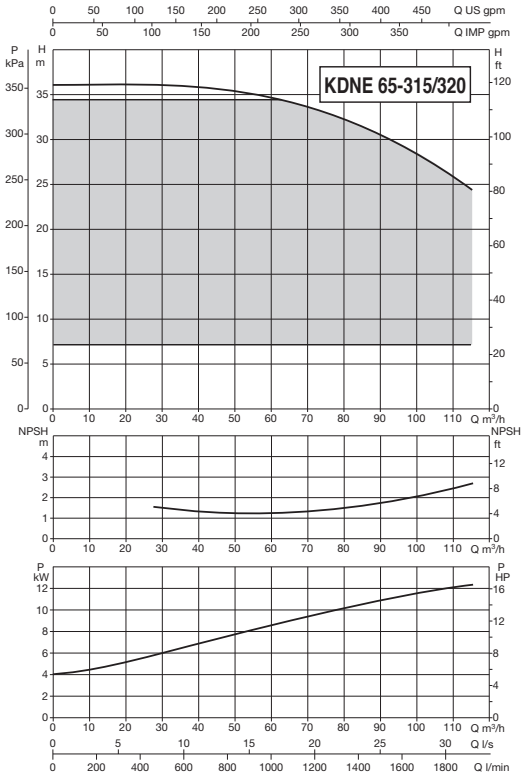
KDNE 65-315/290

≅ 1450 1/min



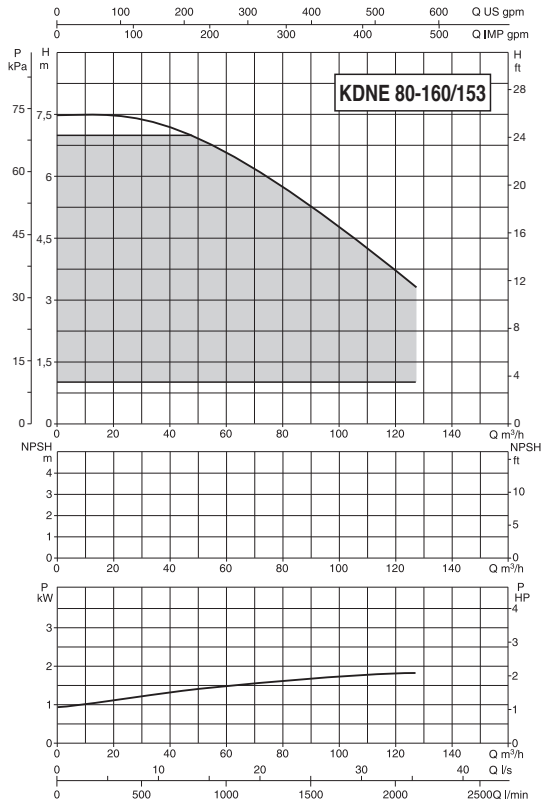
KDNE 65-315/320

≅ 1450 1/min



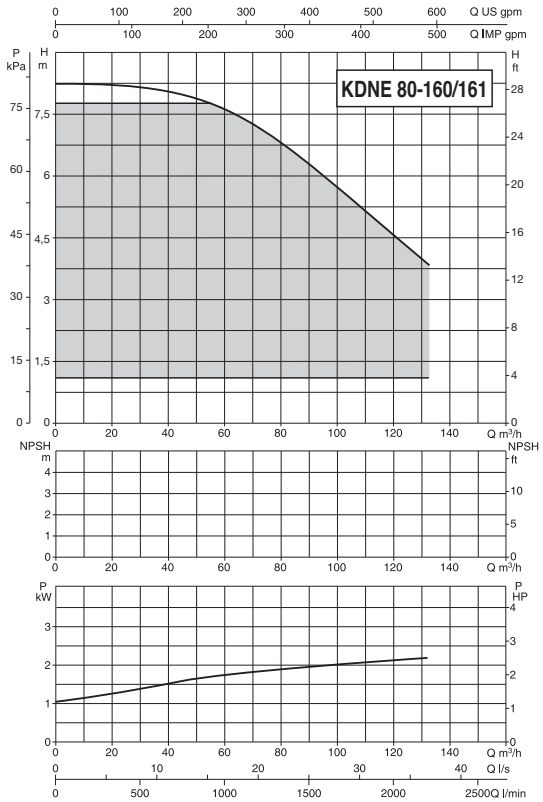
KDNE 80-160/153

≅ 1450 1/min



KDNE 80-160/161

≅ 1450 1/min



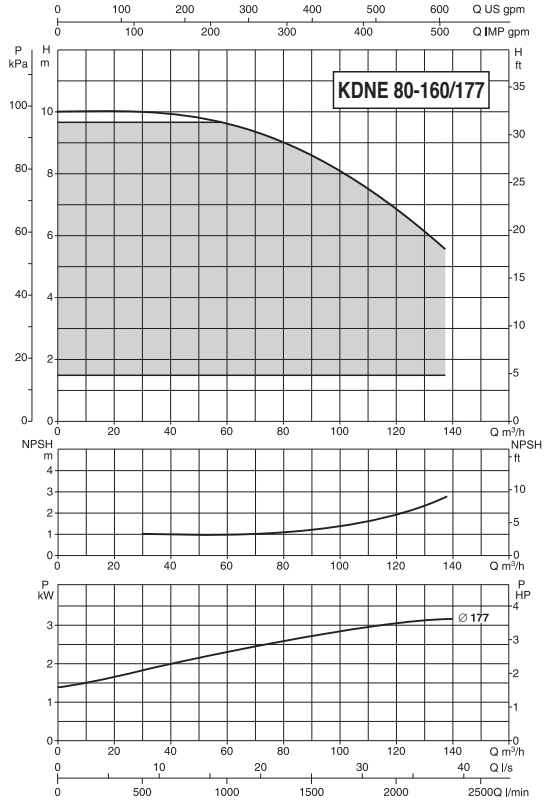
The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

KDNE WITH MCE/C - 4 POLES

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

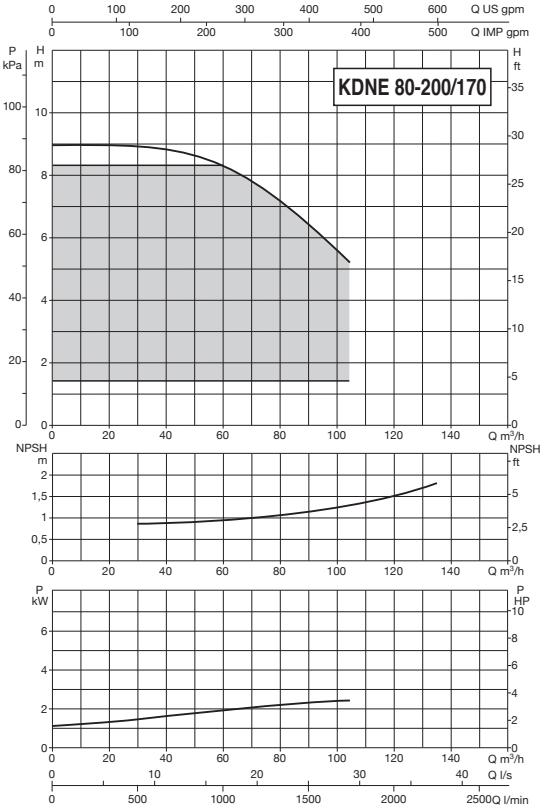
KDNE 80-160/177

≅ 1450 1/min



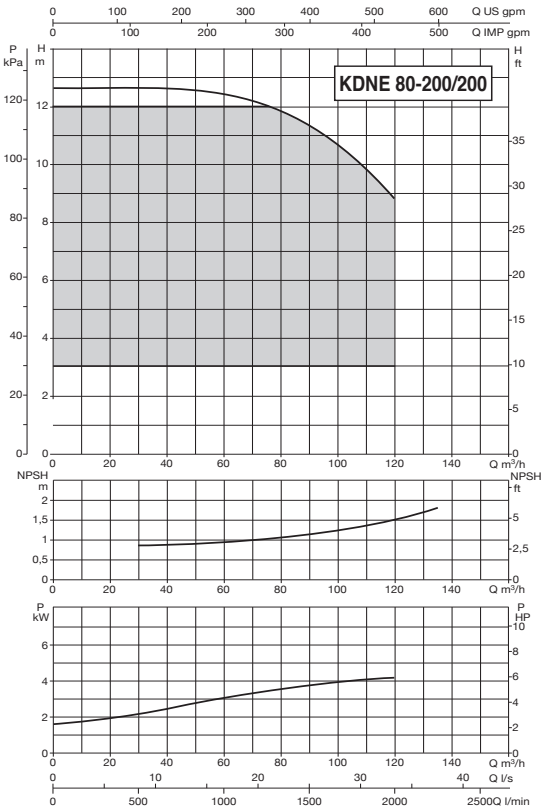
KDNE 80-200/170

≅ 1450 1/min



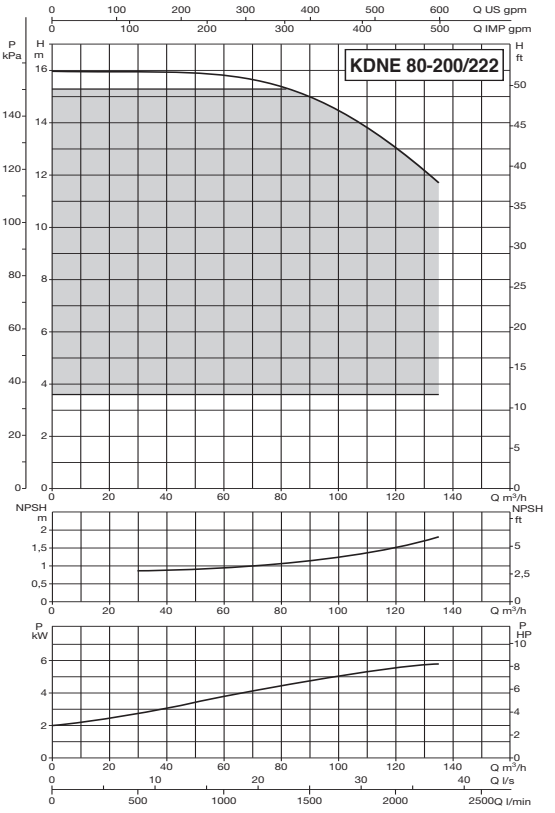
KDNE 80-200/200

≅ 1450 1/min



KDNE 80-200/222

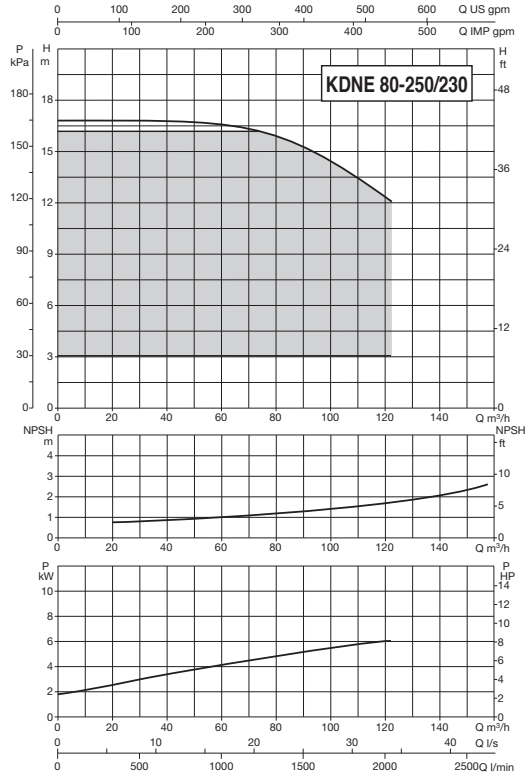
≅ 1450 1/min



The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

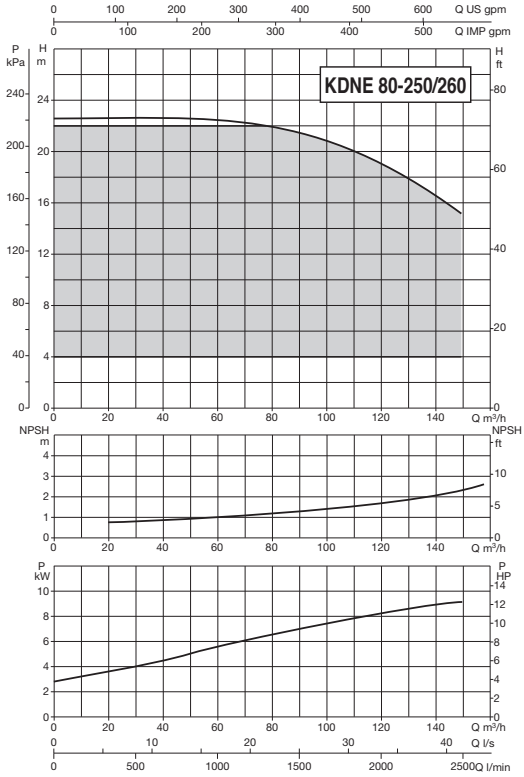
KDNE 80-250/230

≅ 1450 1/min



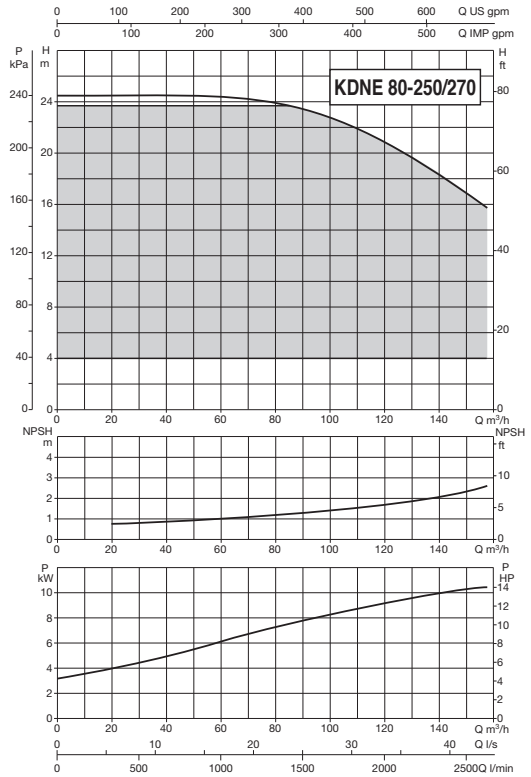
KDNE 80-250/260

≅ 1450 1/min



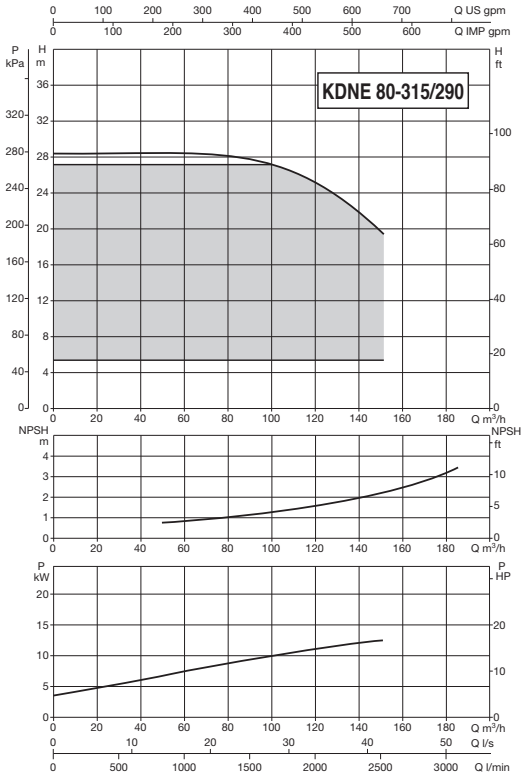
KDNE 80-250/270

≅ 1450 1/min



KDNE 80-315/290

≅ 1450 1/min

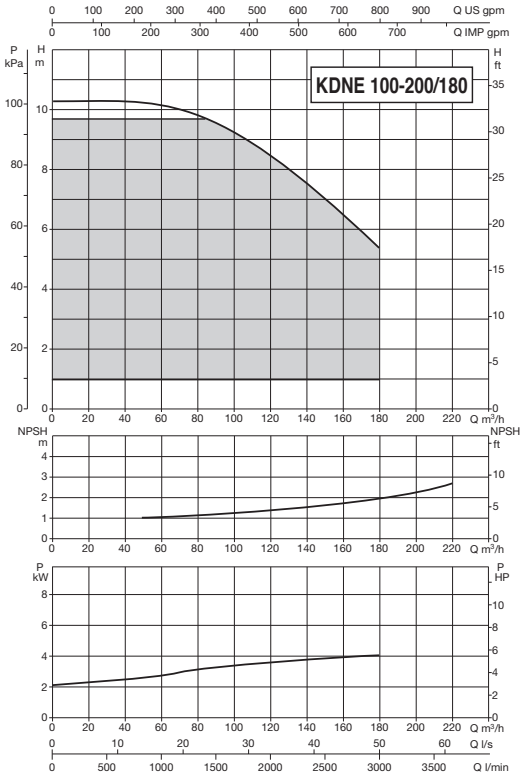


The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

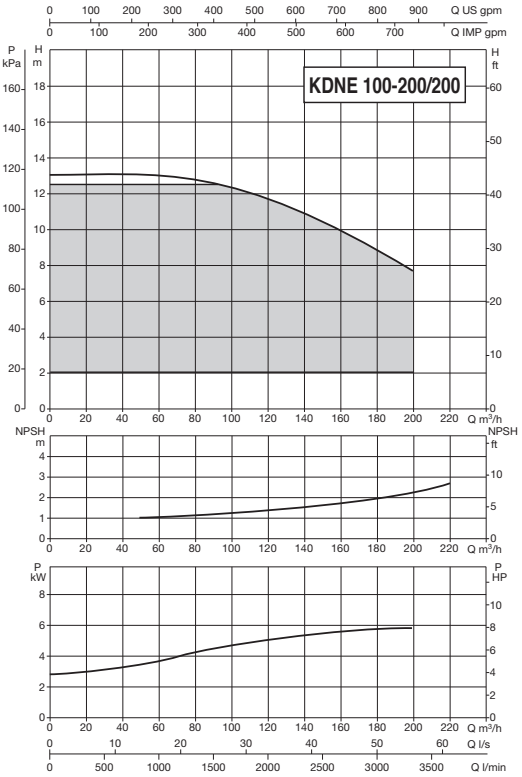
KDNE WITH MCE/C - 4 POLES

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

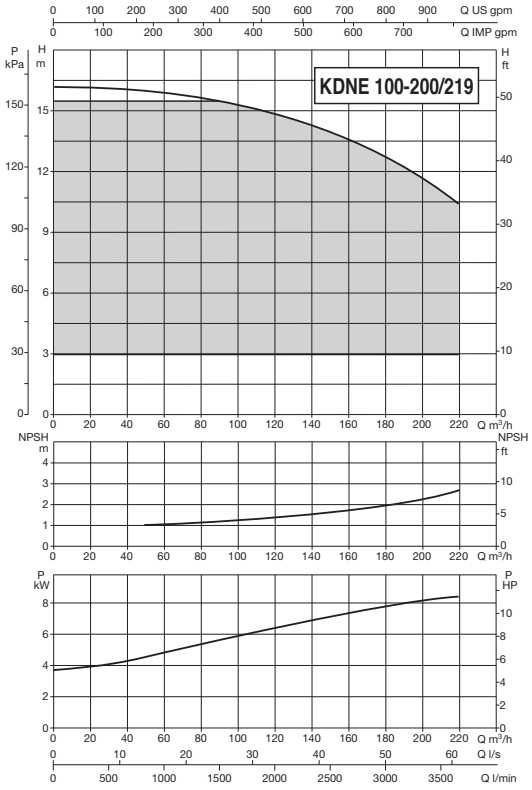
KDNE 100-200/180 ≅ 1450 1/min



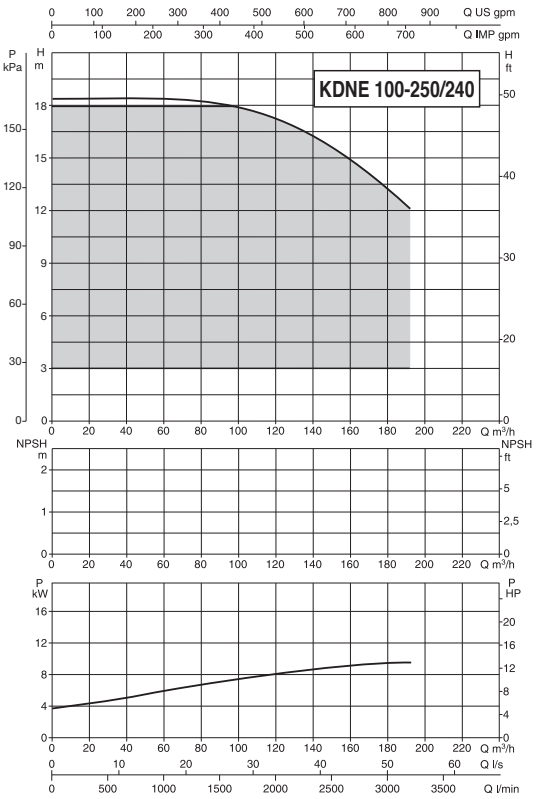
KDNE 100-200/200 ≅ 1450 1/min



KDNE 100-200/219 ≅ 1450 1/min



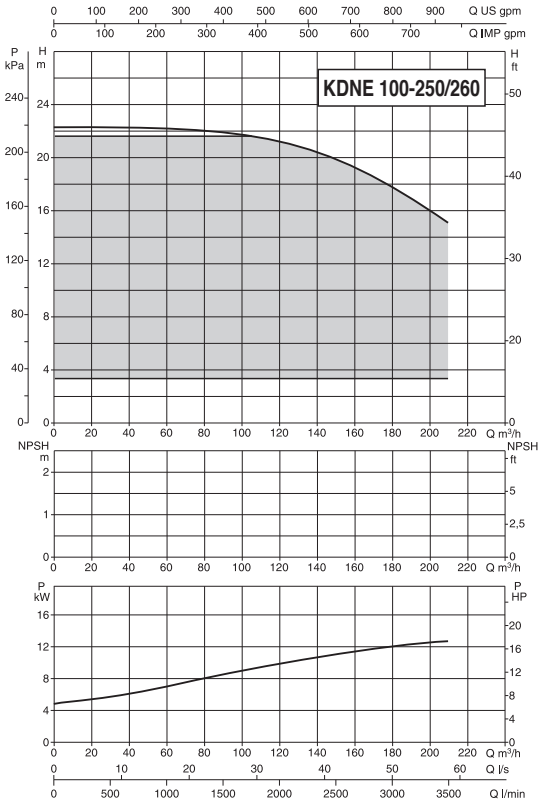
KDNE 100-250/240 ≅ 1450 1/min



The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

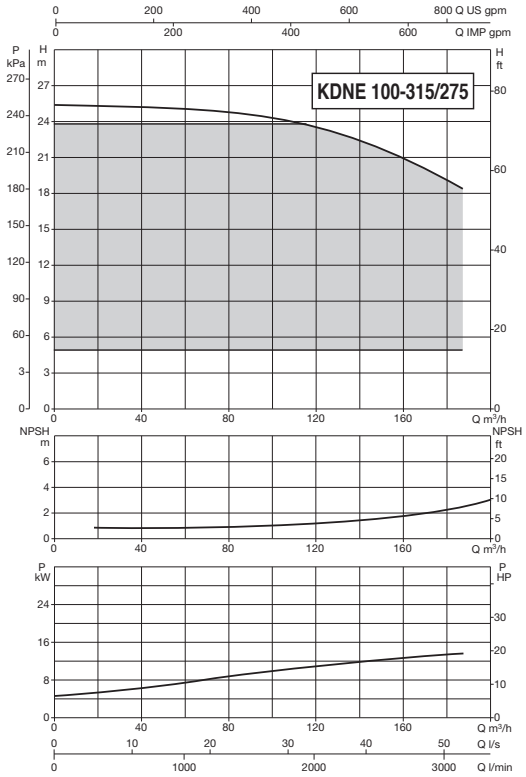
KDNE 100-250/260

≅ 1450 1/min



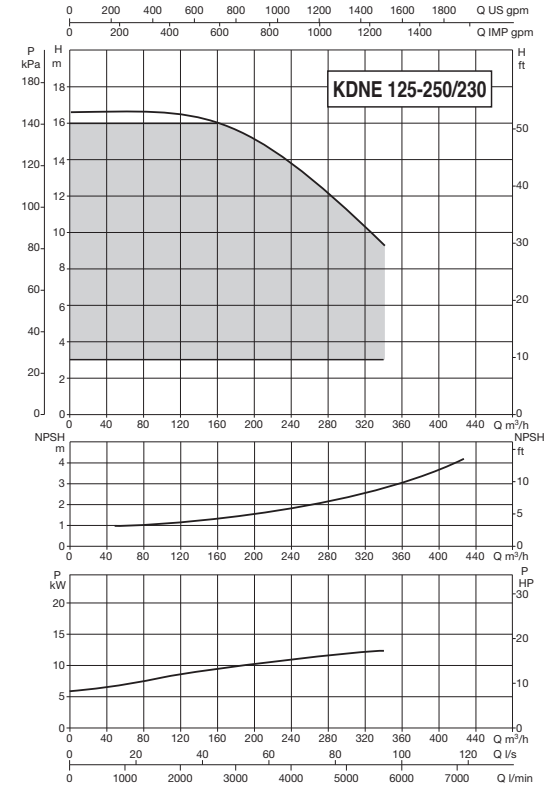
KDNE 100-315/275

≅ 1450 1/min



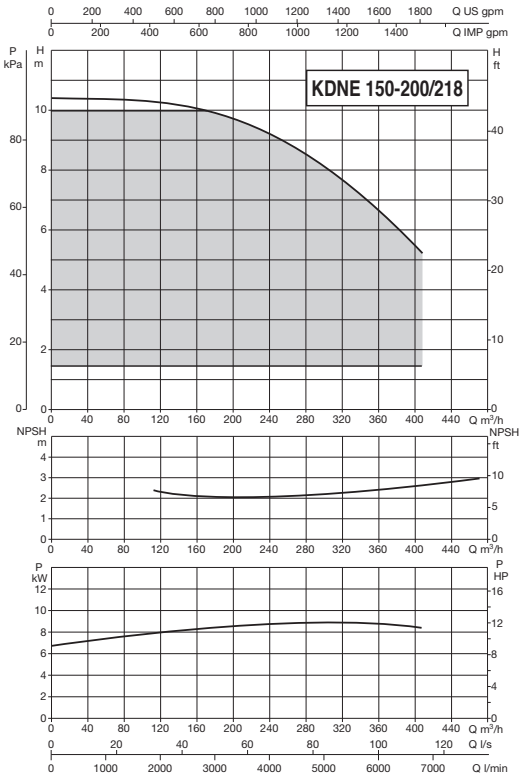
KDNE 125-250/230

≅ 1450 1/min



KDNE 150-200/218

≅ 1450 1/min

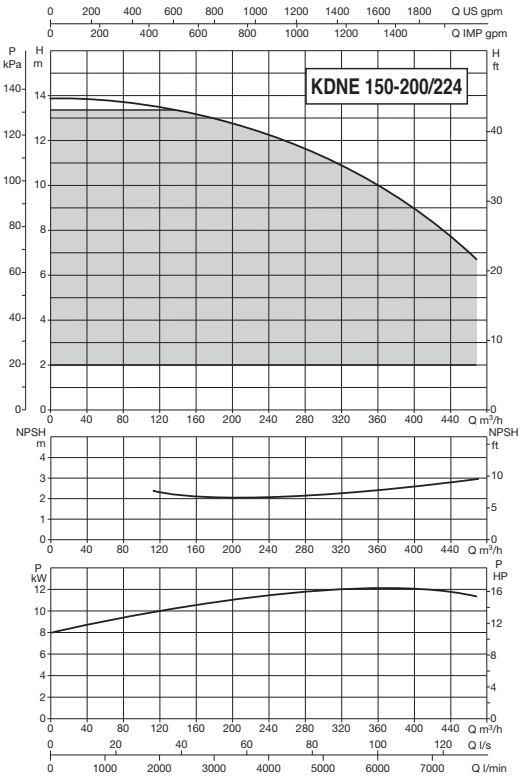


The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

KDNE WITH MCE/C - 4 POLES

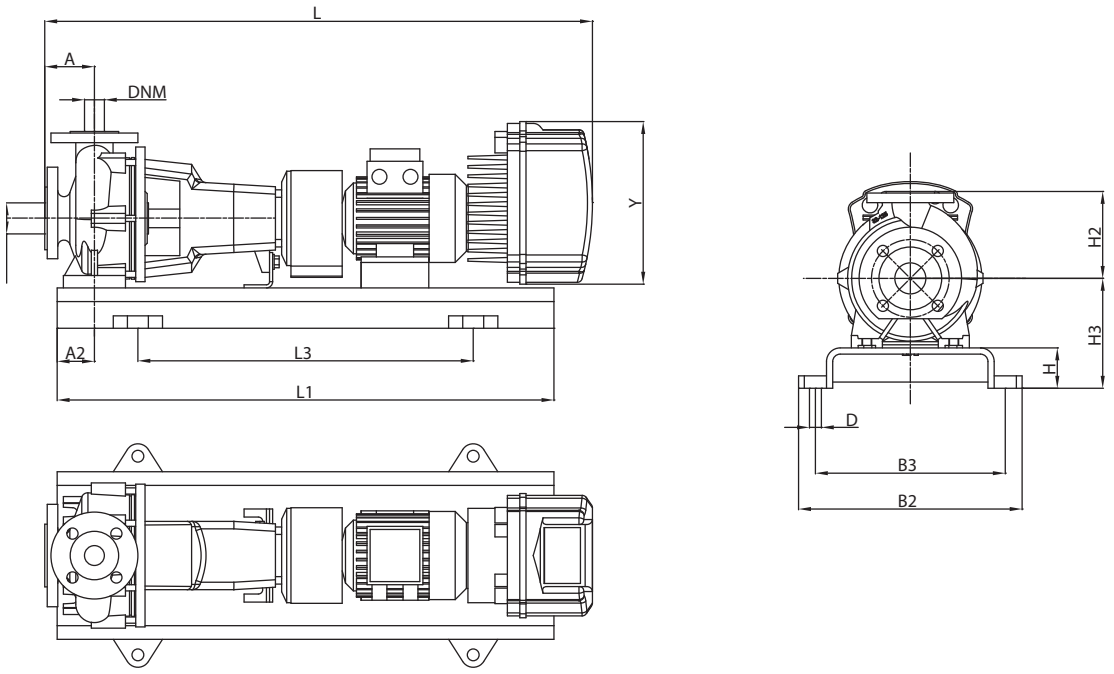
STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

KDNE 150-200/224 ≅ 1450 1/min



The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

DIMENSIONS



KDNE WITH MCE/C - 4 POLES

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

MODEL	A	A2	H2	H	H3	L1	L3	B2	B3	D	Y	FLANGE DIMENSIONS		STANDARD COUPLING		SPACER COUPLING	
												DNA	DNM	L	WEIGHT [Kg]	L	WEIGHT [Kg]
KDNE 32-125.1/140/A/BAQE/1/0,55/4 M MCE11/C	80	60	140	65	177	800	540	360	320	-	262	50	32	937	87	1037	92
KDNE 32-125/142/A/BAQE/1/0,75/4 M MCE11/C	80	60	140	65	177	800	540	360	320	19	262	50	32	937	88	1037	93
KDNE 32-160.1/177/A/BAQE/1/0.75/4 M MCE11/C	80	60	160	65	197	800	540	360	320	19	262	50	32	937	90	1037	95
KDNE 32-160/177/A/BAQE/1/1,1/4 M MCE11/C	80	60	160	65	197	800	540	360	320	19	262	50	32	989	92	1089	97
KDNE 32-200.1/207/A/BAQE/1/1.1/4 M MCE11/C	80	60	180	65	225	800	540	360	320	19	262	50	32	989	110	1089	115
KDNE 32-200/200/A/BAQE/1/1,1/4 M MCE11/C	80	60	180	65	225	800	540	360	320	19	262	50	32	989	105	1089	110
KDNE 32-200/219/A/BAQE/1/2,2/4 M MCE22/C	80	60	180	65	225	900	600	390	350	19	262	50	32	1026	106	1126	111
KDNE 40-125/142/A/BAQE/1/1.1/4 M MCE11/C	80	60	140	65	177	800	540	360	320	19	262	65	40	989	90	1089	95
KDNE 40-160/161/A/BAQE/1/1,1/4 M MCE11/C	80	60	160	65	197	800	540	360	320	19	262	65	40	989	95	1089	100
KDNE 40-160/177/A/BAQE/1/1,5/4 M MCE15/C	80	60	160	65	197	900	600	390	350	19	262	65	40	989	105	1089	110
KDNE 40-200/180/A/BAQE/1/1,1/4 M MCE11/C	100	60	180	65	225	900	600	390	350	19	262	65	40	1009	105	1109	110
KDNE 40-200/200/A/BAQE/1/1,5/4 M MCE15/C	100	60	180	65	225	900	600	390	350	19	262	65	40	1009	109	1109	114
KDNE 40-200/219/A/BAQE/1/2,2/4 M MCE22/C	100	60	180	65	225	900	600	390	350	19	262	65	40	1046	115	1146	120
KDNE 40-250/230/A/BAQE/1/2,2/4 M MCE22/C	100	75	225	80	260	1000	660	450	400	24	262	65	40	1046	133	1146	138
KDNE 40-250/240/A/BAQE/1/3/4 T MCE30/C	100	75	225	80	260	1000	660	450	400	24	353	65	40	1046	158	1146	163
KDNE 40-250/260/A/BAQE/1/4/4 T MCE55/C	100	75	225	80	260	1000	660	450	400	24	353	65	40	1069	209	1169	214
KDNE 50-125/139/A/BAQE/1/1,1/4 M MCE11/C	100	60	160	65	197	800	540	360	320	19	262	65	50	1009	97	1109	102
KDNE 50-125/144/A/BAQE/1/1,5/4 M MCE15/C	100	60	160	65	197	900	600	390	350	19	262	65	50	1009	105	1109	110
KDNE 50-160/137/A/BAQE/1/1,1/4 M MCE11/C	100	60	180	65	225	900	600	390	350	19	262	65	50	1009	104	1109	109
KDNE 50-160/153/A/BAQE/1/1,5/4 M MCE15/C	100	60	180	65	225	900	600	390	350	19	262	65	50	1009	107	1109	112
KDNE 50-160/169/A/BAQE/1/2,2/4 M MCE22/C	100	60	180	65	225	900	600	390	350	19	262	65	50	1046	111	1146	116
KDNE 50-160/177/A/BAQE/1/3/4 T MCE30/C	100	60	180	65	225	900	600	390	350	19	353	65	50	1046	119	1146	124
KDNE 50-200/170/A/BAQE/1/1,5/4 M MCE15/C	100	60	200	65	225	900	600	390	350	19	262	65	50	1009	118	1109	123
KDNE 50-200/190/A/BAQE/1/2,2/4 M MCE22/C	100	60	200	65	225	900	600	390	350	19	262	65	50	1046	127	1146	132
KDNE 50-200/210/A/BAQE/1/3/4 T MCE30/C	100	60	200	65	225	900	600	390	350	19	353	65	50	1046	131	1146	136
KDNE 50-200/219/A/BAQE/1/4/4 T MCE55/C	100	60	200	65	225	900	600	390	350	19	353	65	50	1069	131	1169	136
KDNE 50-250/220/A/BAQE/1/3/4 T MCE30/C	100	75	225	80	260	1000	660	450	400	24	353	65	50	1046	147	1146	152
KDNE 50-250/263/A/BAQE/1/5,5/4 T MCE55/C	100	75	225	80	260	1120	740	490	440	24	353	65	50	1179	182	1279	187
KDNE 65-125/130/A/BAQE/1/1,1/4 M MCE11/C	100	60	180	65	225	900	600	390	350	19	262	80	65	1009	104	1109	109
KDNE 65-125/144/A/BAQE/1/1.5/4 M MCE15/C	100	60	180	65	225	900	600	390	350	19	262	80	65	1009	107	1109	112
KDNE 65-160/137/A/BAQE/1/1,1/4 M MCE11/C	100	60	200	65	225	900	600	390	350	19	262	80	65	1009	107	1109	112
KDNE 65-160/153/A/BAQE/1/1,5/4 M MCE15/C	100	60	200	65	225	900	600	390	350	19	262	80	65	1009	118	1109	123
KDNE 65-160/169/A/BAQE/1/2,2/4 M MCE22/C	100	60	200	65	225	900	600	390	350	19	262	80	65	1046	118	1146	123
KDNE 65-160/177/A/BAQE/1/3/4 T MCE30/C	100	60	200	65	225	900	600	390	350	19	353	80	65	1046	157	1146	162
KDNE 65-200/180/A/BAQE/1/2,2/4 M MCE22/C	100	75	225	80	260	1120	740	490	440	24	262	80	65	1046	151	1146	156
KDNE 65-200/190/A/BAQE/1/3/4 T MCE30/C	100	75	225	80	260	1120	740	490	440	24	353	80	65	1046	159	1146	164
KDNE65-200/219/A/BAQE/1/5,5/4 T MCE55/C	100	75	225	80	260	1120	740	490	440	24	353	80	65	1179	209	1279	214
KDNE 65-250/240/A/BAQE/1/5,5/4 T MCE55/C	100	90	250	80	280	1120	740	490	440	24	353	80	65	1289	210	1429	215
KDNE 65-250/263/A/BAQE/1/7,5/4 T MCE110/C	100	90	250	80	280	1120	740	490	440	24	426	80	65	1339	270	1479	275
KDNE 65-315/260/A/BAQE/1/7,5/4 T MCE110/C	125	90	280	80	305	1250	840	540	490	24	426	80	65	1364	305	1464	310
KDNE 65-315/290/A/BAQE/1/11/4 T MCE110/C	125	90	280	80	305	1250	840	540	490	24	426	80	65	1474	310	1574	315
KDNE 65-315/320/A/BAQE/1/15/4 T MCE150/C	125	90	280	100	325	1400	940	610	550	28	426	80	65	1519	310	1619	315
KDNE 80-160/153/A/BAQE/1/2,2/4 M MCE22/C	125	75	225	80	260	1000	660	450	400	24	262	100	80	1071	143	1171	148
KDNE 80-160/161/A/BAQE/1/3/4 T MCE30/C	125	75	225	80	260	1000	660	450	400	24	353	100	80	1071	147	1171	152
KDNE 80-160/177/A/BAQE/1/4/4 T MCE55/C	125	75	225	80	260	1000	660	450	400	24	353	100	80	1094	147	1194	152
KDNE 80-200/170/A/BAQE/1/3/4 T MCE30/C	125	75	250	80	260	1120	740	490	440	24	353	100	80	1181	177	1281	182
KDNE 80-200/200/A/BAQE/1/5,5/4 T MCE55/C	125	75	250	80	260	1120	740	490	440	24	353	100	80	1314	197	1414	202
KDNE 80-200/222/A/BAQE/1/7,5/4 T MCE110/C	125	75	250	80	260	1120	740	490	440	24	426	100	80	1364	201	1464	206
KDNE 80-250/230/A/BAQE/1/7,5/4 T MCE110/C	125	90	280	80	280	1250	840	540	490	24	426	100	80	1519	232	1619	237
KDNE 80-250/260/A/BAQE/1/11/4 T MCE110/C	125	90	280	80	280	1250	840	540	490	24	426	100	80	1519	271	1659	276
KDNE 80-250/270/A/BAQE/1/15/4 T MCE150/C	125	90	280	80	280	1250	840	540	490	24	426	100	80	1519	290	1659	295
KDNE 80-315/290/A/BAQE/1/15/4 T MCE150/C	125	90	315	100	350	1400	940	610	550	28	426	100	80	1519	403	1659	408
KDNE 100-200/180/A/BAQE/1/5,5/4 T MCE55/C	125	90	280	80	280	1120	740	490	440	24	353	125	100	1314	223	1454	228
KDNE 100-200/200/A/BAQE/1/7,5/4 T MCE110/C	125	90	280	80	280	1120	740	490	440	24	426	125	100	1364	222	1504	227
KDNE 100-200/219/A/BAQE/1/11/4 T MCE110/C	125	90	280	80	280	1250	840	540	490	24	426	125	100	1474	320	1614	325
KDNE 100-250/240/A/BAQE/1/11/4 T MCE110/C	140	90	280	80	305	1250	840	540	490	24	426	125	100	1489	305	1629	310
KDNE 100-250/260/A/BAQE/1/15/4 T MCE150/C	140	90	280	100	325	1400	940	610	550	28	426	125	100	1534	313	1674	318
KDNE 100-315/275/A/BAQE/1/15/4 T MCE150/C	140	90	315	100	350	1400	940	610	550	28	426	125	100	1534	313	1674	318
KDNE 125-250/230/A/BAQE/1/15/4 T MCE150/C	140	90	355	100	350	1400	940	610	550	28	426	150	125	1534	429	1674	434
KDNE 150-200/218-182/A/BAQE/1/11/4 T MCE110/C	160	110	400	100	380	1800	1200	730	670	280	426	200	150	1459	467	1599	472
KDNE 150-200/224/A/BAQE/1/15/4 T MCE150/C	160	110	400	100	380	1800	1200	730	670	280	426	200	150	1504	467	1644	472

DAB PUMPS reserves the right to make modifications without notice

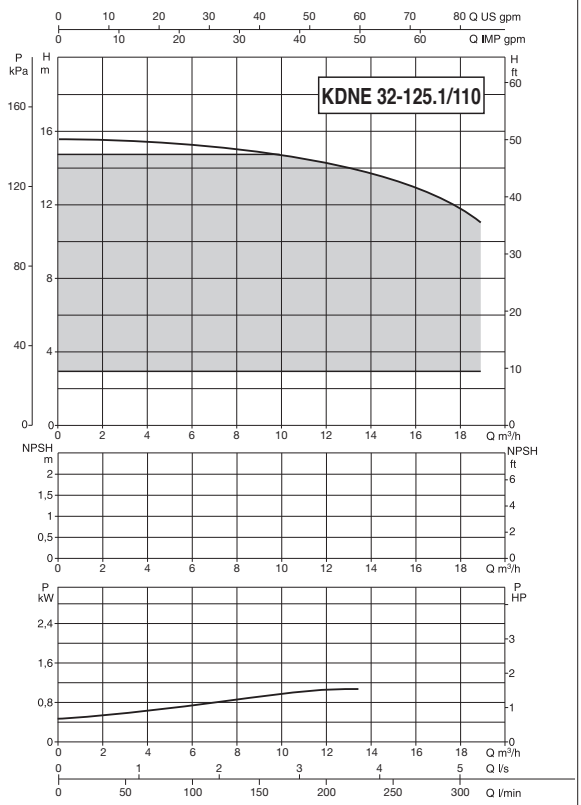
KDNE 2 POLES WITH MCE/C - FOR CIRCULATING SYSTEM

CAST IRON IMPELLER

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA																								
		MODEL MCE	VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	Q=m³h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240
						Q=l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000
KDNE 32-125.1/110 M	60142986	MCE15/C	1 x 230 ~V	1,5	2		15.5	15.2	13.9	11.5																			
KDNE 32-125.1/110 T	60147481	MCE30/C	3 x 400 ~V	1,5	2		15.5	15.2	13.9	11.5																			
KDNE 32-125.1/130 M	60142987	MCE22/C	1 x 230 ~V	2,2	3		22.3	22.2	21.3	19																			
KDNE 32-125.1/130 T	60147482	MCE30/C	3 x 400 ~V	2,2	3		22.3	22.2	21.3	19																			
KDNE 32-125.1/140 T	60142988	MCE30/C	3 x 400 ~V	3	4		26.5	26.4	25.6	23.4	20.1																		
KDNE 32-125/130 T	60142997	MCE30/C	3 x 400 ~V	3	4		22.9		22	21	19.1	16.2																	
KDNE 32-125/142 T	60142998	MCE55/C	3 x 400 ~V	4	5,5		27.8		27	26.1	24.5	21.7	18																
KDNE 32-125/125 M	60142996	MCE22/C	1 x 230 ~V	2,2	3		20.9		20.1	18.9	16.9	13.5																	
KDNE 32-125/125 T	60147483	MCE30/C	3 x 400 ~V	2,2	3		20.9		20.1	18.9	16.9	13.5																	
KDNE 32-160.1/137 M	60143001	MCE15/C	1 x 230 ~V	1,5	2		21.5	21.2	19.3																				
KDNE 32-160.1/137 T	60147484	MCE30/C	3 x 400 ~V	1,5	2		21.5	21.2	19.3																				
KDNE 32-160.1/145 M	60143002	MCE22/C	1 x 230 ~V	2,2	3		24.7	24.5	22.3	16.5																			
KDNE 32-160.1/145 T	60147485	MCE30/C	3 x 400 ~V	2,2	3		24.7	24.5	22.3	16.5																			
KDNE 32-160.1/153	60143003	MCE30/C	3 x 400 ~V	3	4		28.3	28	26	20.5																			
KDNE 32-160.1/177	60143005	MCE55/C	3 x 400 ~V	5,5	7,5		39.5	39.3	38.2	34.5	26																		
KDNE 32-160/145	60143013	MCE30/C	3 x 400 ~V	3	4		27		25.8	23.9	21.2	16.9																	
KDNE 32-160/161	60143017	MCE55/C	3 x 400 ~V	5,5	7,5		34		33	31.7	29.1	25.5																	
KDNE 32-160/177	60143018	MCE110/C	3 x 400 ~V	7,5	10		41.8		41.5	40.5	38.4	35.3	31.4																
KDNE 32-200.1/170	60143234	MCE30/C	3 x 400 ~V	3	4		34.3	34.2	31.9	23.5																			
KDNE 32-200.1/190	60143021	MCE55/C	3 x 400 ~V	5,5	7,5		45.3	44.7	41.5	35.5																			
KDNE 32-200.1/207	60143022	MCE110/C	3 x 400 ~V	7,5	10		55.3	55	51.8	46.4	37																		
KDNE 32-200/180	60143032	MCE55/C	3 x 400 ~V	5,5	7,5		39		38.5	36.5	32.5	28																	
KDNE 32-200/200	60143035	MCE110/C	3 x 400 ~V	7,5	10		51		49	48	45	40.5	35																
KDNE 32-200/210	60143039	MCE110/C	3 x 400 ~V	11	15		57		56	55	52.5	48.5	43	36															
KDNE 32-200/219	60143040	MCE150/C	3 x 400 ~V	15	20	H	63		62	61	59	56.5	52.5	46.5	39.5														
KDNE 40-125/120	60143047	MCE30/C	3 x 400 ~V	3	4	(m)	18.5		18	17.5	17	16	15	13.5	11.8														
KDNE 40-125/142	60143049	MCE55/C	3 x 400 ~V	5,5	7,5		26.8		26.6	26.4	26	25.3	24.4	23	21.4	19.4	17												
KDNE 40-160/145	60143061	MCE55/C	3 x 400 ~V	5,5	7,5		27.5			27.4	27	25.7	24.2	22.1	19.5														
KDNE 40-160/161	60143062	MCE110/C	3 x 400 ~V	7,5	10		34.5			34.5	34.4	33.7	32.3	30.5	28.5	25.8	22.5												
KDNE 40-160/177	60143063	MCE110/C	3 x 400 ~V	11	15		42.6			42.5	42.4	42	41.5	40	38.5	35	33	30											
KDNE 40-200/180	60143073	MCE110/C	3 x 400 ~V	7,5	10		38.8			38.5	38	37	35	32.5	29	25													
KDNE 40-200/200	60143074	MCE110/C	3 x 400 ~V	11	15		48.7			48.4	48.2	47.5	46.5	44	41.5	38.5	34.5												
KDNE 40-200/219	60143075	MCE150/C	3 x 400 ~V	15	20		60			59.8	59.7	59.4	59	57	55	52.5	49.5	46	40										
KDNE 40-250/220	60143082	MCE150/C	3 x 400 ~V	15	20		63.1			62.8	62.5	61	59	57	55	52	48												
KDNE 50-125/125	60143091	MCE55/C	3 x 400 ~V	5,5	7,5		19.8					19.4	19	18.5	17.9	17.4	16.6	16	15.1	14	13	11.8							
KDNE 50-125/139	60143092	MCE110/C	3 x 400 ~V	7,5	10		24.7					24.5	24.3	24	23.5	23	22.4	21.6	20.8	20	19.2	18	15.5						
KDNE 50-125/144	60143093	MCE110/C	3 x 400 ~V	11	15		25.9					26.5	26.4	26.1	25.6	25.1	24.5	24	23.2	22.3	21.5	20.5	17.8	15					
KDNE 50-160/145	60143102	MCE110/C	3 x 400 ~V	7,5	10		27.2					27	26.9	26.6	26.4	25.5	25	23.8	23	21.5	20.5	19							
KDNE 50-160/161	60143103	MCE110/C	3 x 400 ~V	11	15		33.8					33.7	33.7	33.6	33.6	33.3	32.5	31.8	31	29.8	28.5	27.5							
KDNE 50-160/177	60143104	MCE150/C	3 x 400 ~V	15	20		41.6					41.5	41.5	41.3	41.2	41	40.6	40.5	39.5	38.8	38	36.7	33.5						
KDNE 50-200/180	60143117	MCE110/C	3 x 400 ~V	11	15		42.5					42	41.7	41.4	40.5	39.5	38	36	34	32	29								
KDNE 50-200/190	60143121	MCE150/C	3 x 400 ~V	15	20		47.2					46.8	46.6	46	45.7	44.5	43.5	42	40	38	35.5	33							
KDNE 65-125/120-110	60143143	MCE55/C	3 x 400 ~V	5,5	7,5		16								14.4	14	13.6	13.1	12.8	12.2	11.9	11.4	10.2	8.7	8				
KDNE 65-125/130	60143144	MCE110/C	3 x 400 ~V	7,5	10		21								19.6	19.5	19.1	18.9	18.5	18	17.5	17	15.7	14.2	13.2				
KDNE 65-125/144	60143145	MCE110/C	3 x 400 ~V	11	15		25.6								25.5	25.4	25.2	25	24.6	24.3	24	23.4	22.5	21.1	20.2	16			
KDNE 65-160/137	60143153	MCE110/C	3 x 400 ~V	7,5	10		23.1								22.4	22	21.7	21.3	20.5	19.7	19	18	16						
KDNE 65-160/153	60143154	MCE110/C	3 x 400 ~V	11	15		29.1								28.8	28.5	28.6	28.5	28	27.5	26.6	26	24	22	21				
KDNE 65-160/169	60143321	MCE150/C	3 x 400 ~V	15	20		36.4								36.3	36.2	36.1	36	35.7	35.3	34.7	34	32.7	31	30				
KDNE 65-200/170	60143164	MCE150/C	3 x 400 ~V	15	20		37.2								36.8	36.7	36.6	36.5	36	35	34	32.5	30	27	25				
KDNE 80-160/153-136	60143183	MCE150/C	3 x 400 ~V	15	20		25.6															24.5	23.8	23	22.5	20.2	17.5	15	11.8

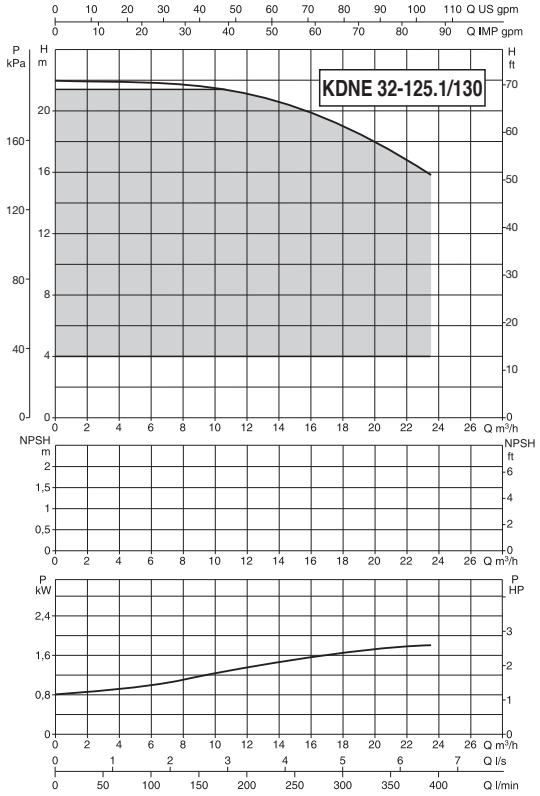
KDNE 32-125.1/110

≅ 2900 1/min



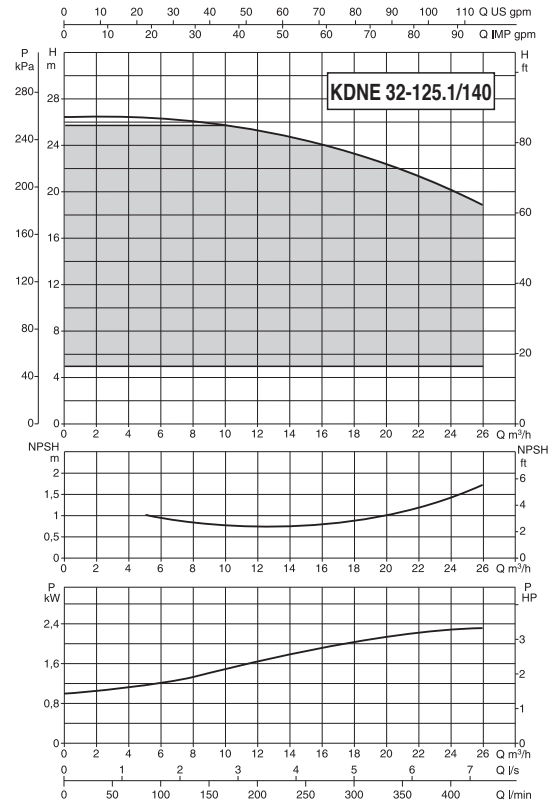
KDNE 32-125.1/130

≅ 2900 1/min



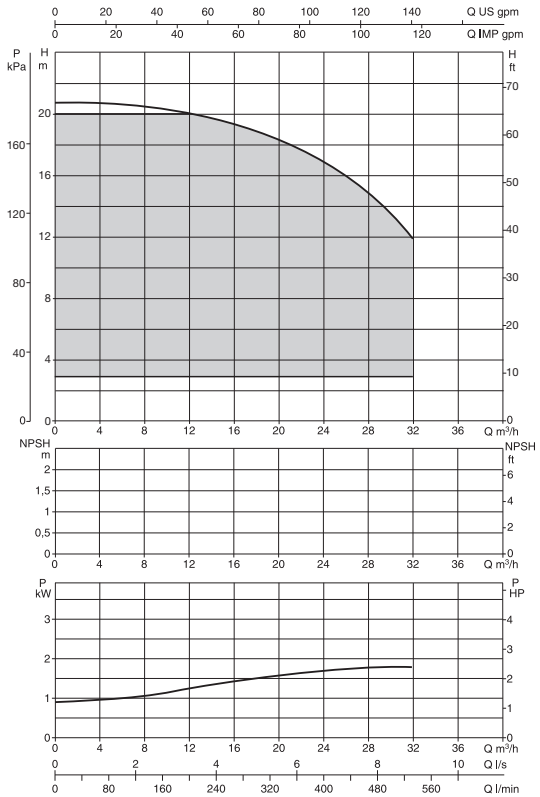
KDNE 32-125.1/140

≅ 2900 1/min



KDNE 32-125/125

≅ 2900 1/min



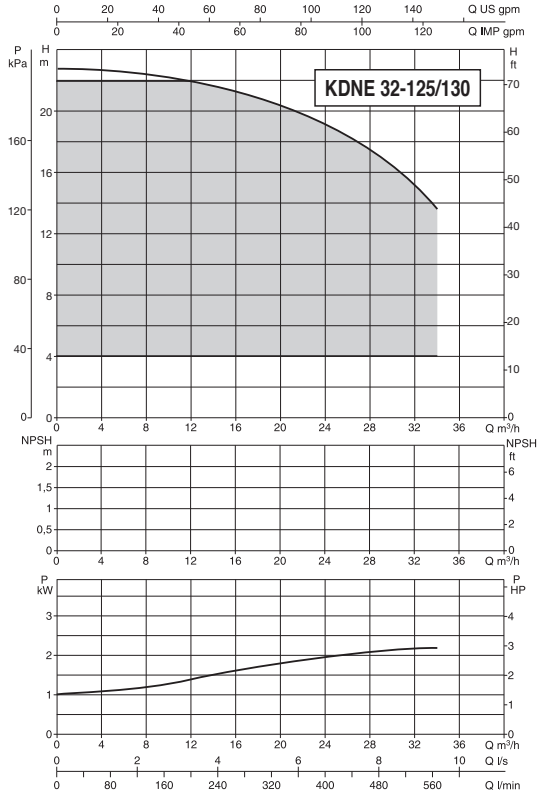
The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

KDNE WITH MCE/C - 2 POLES

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

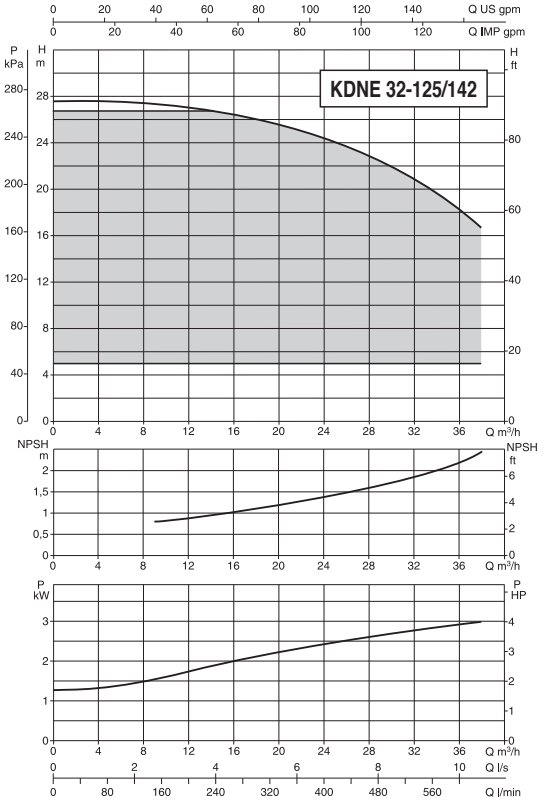
KDNE 32-125/130

≅ 2900 1/min



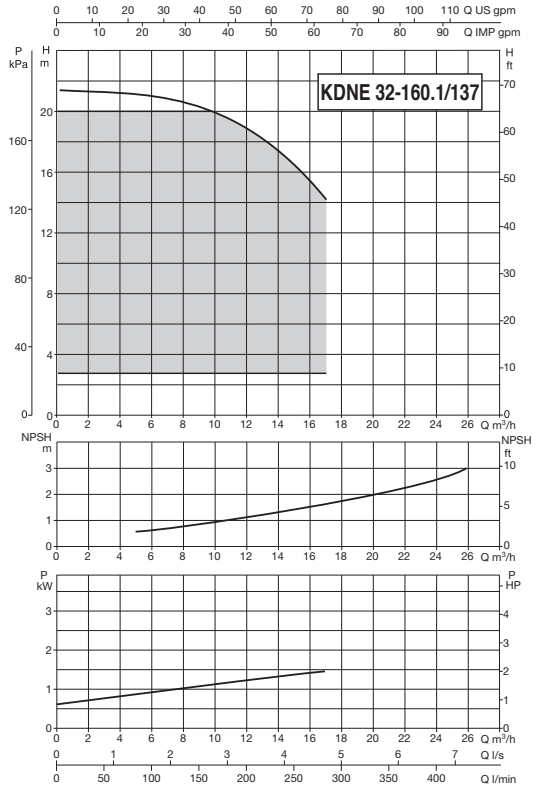
KDNE 32-125/142

≅ 2900 1/min



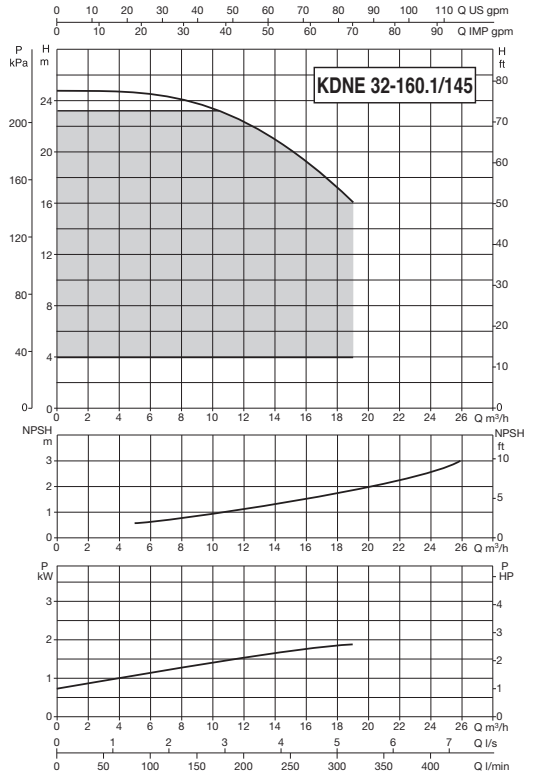
KDNE 32-160.1/137

≅ 2900 1/min



KDNE 32-160.1/145

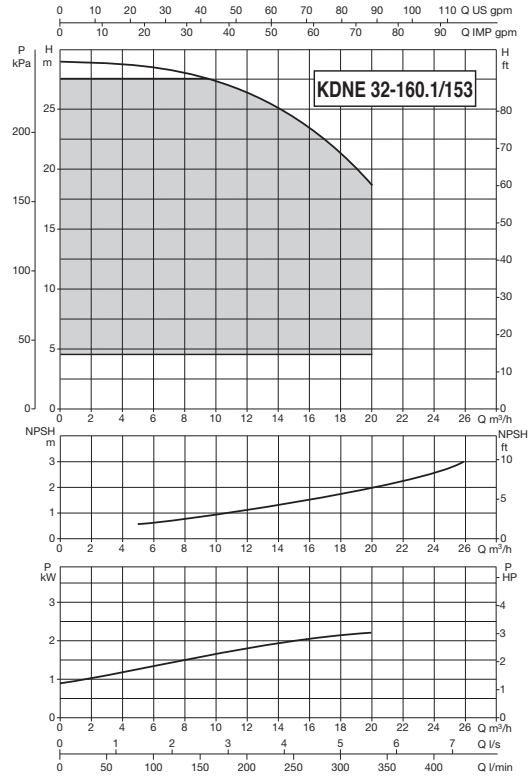
≅ 2900 1/min



The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

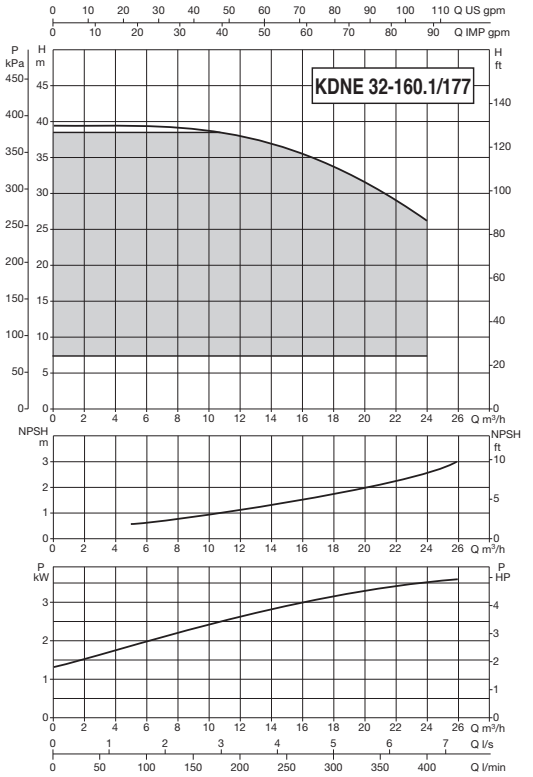
KDNE 32-160.1/153

≅ 2900 1/min



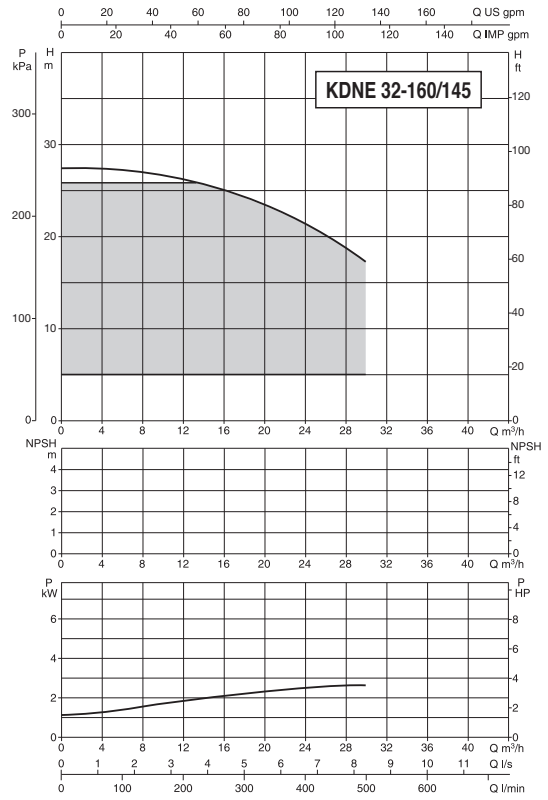
KDNE 32-160.1/177

≅ 2900 1/min



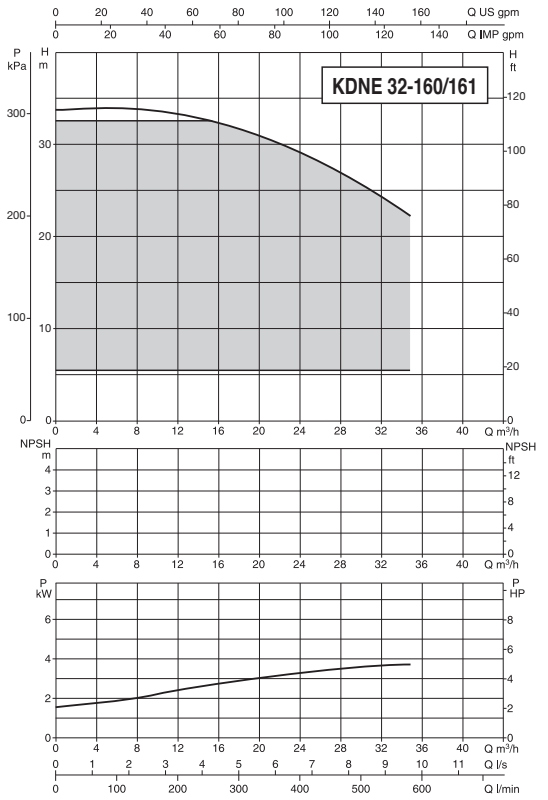
KDNE 32-160/145

≅ 2900 1/min



KDNE 32-160/161

≅ 2900 1/min



The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

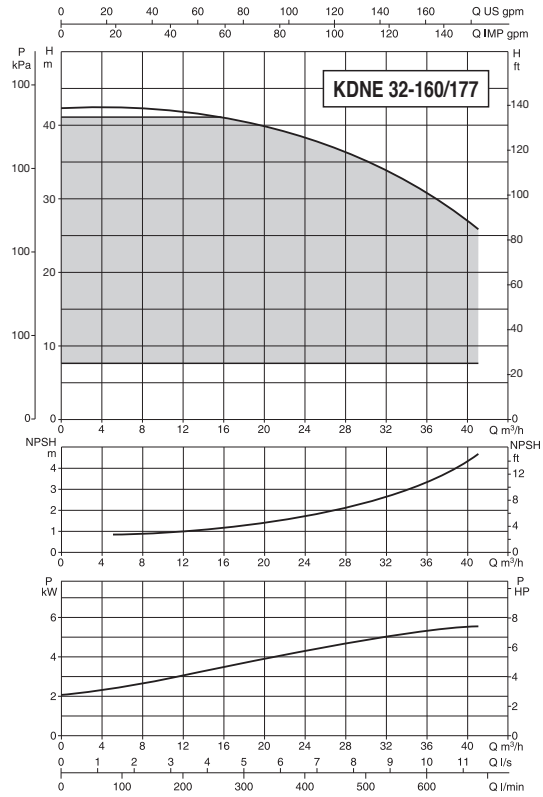
DAB PUMPS reserves the right to make modifications without notice

KDNE WITH MCE/C - 2 POLES

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

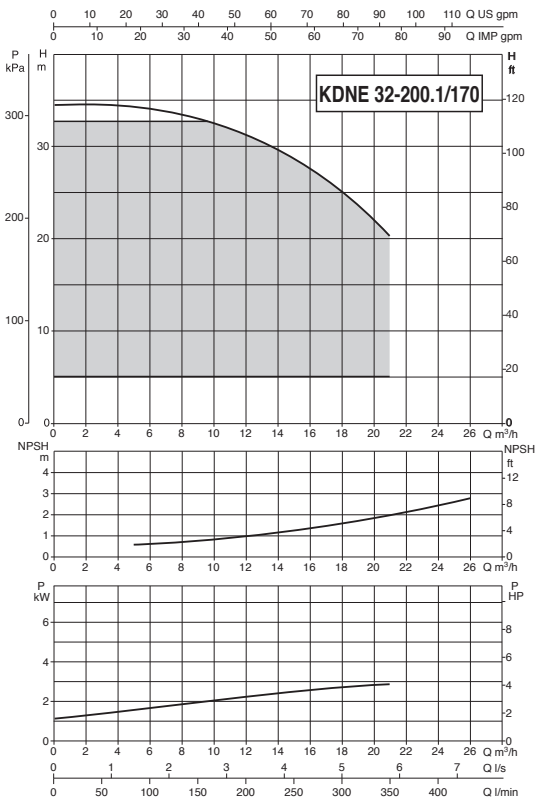
KDNE 32-160/177

≅ 2900 1/min



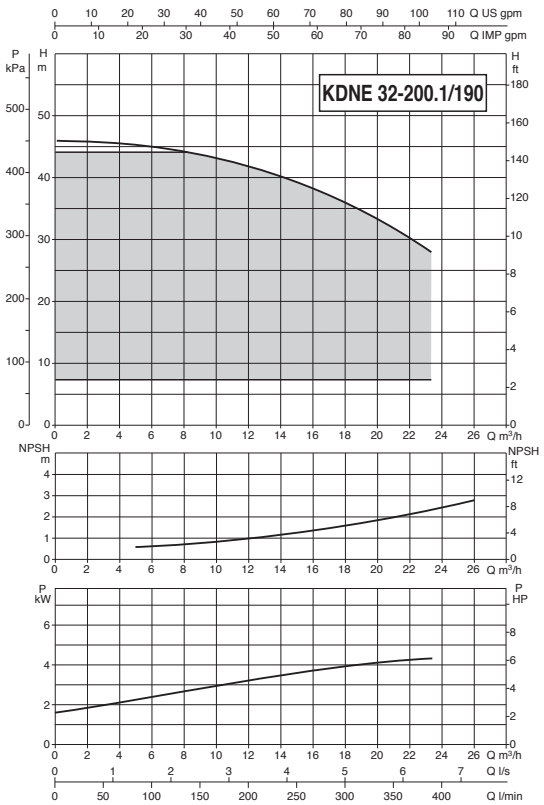
KDNE 32-200.1/170

≅ 2900 1/min



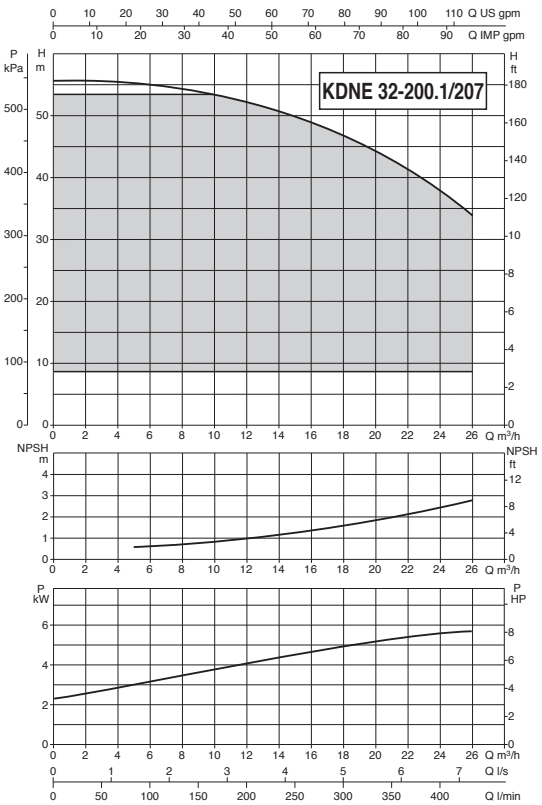
KDNE 32-200.1/190

≅ 2900 1/min



KDNE 32-200.1/207

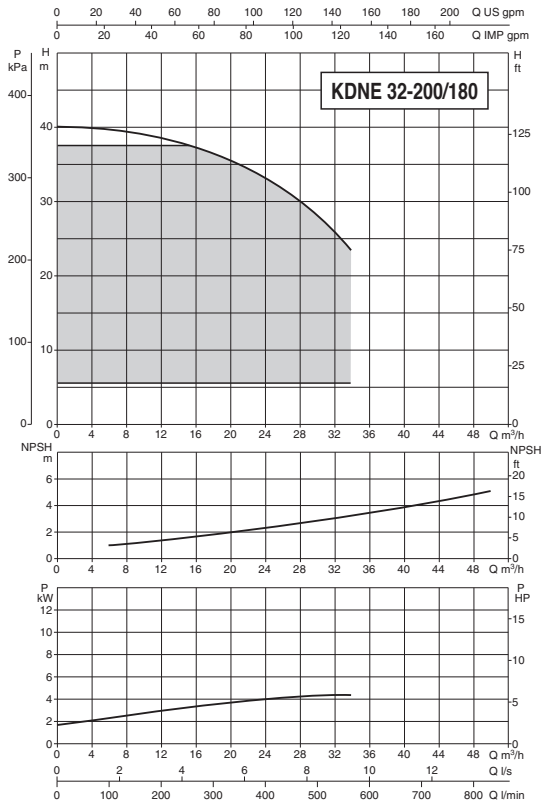
≅ 2900 1/min



The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

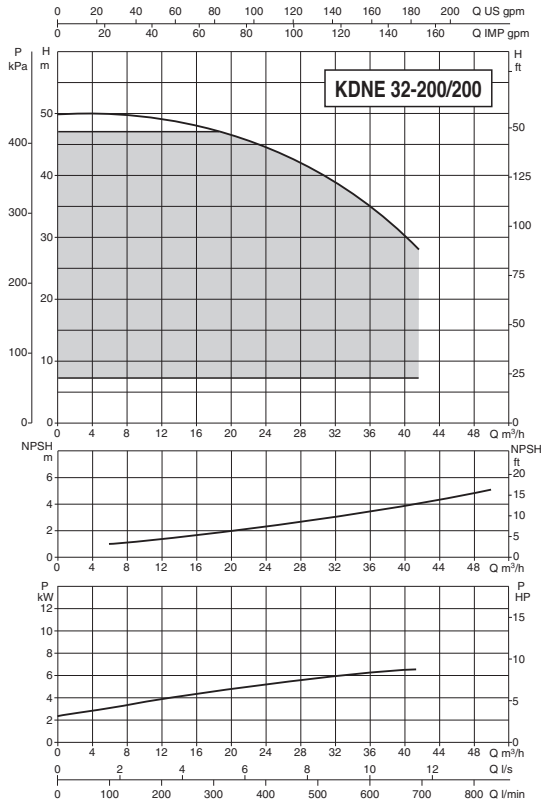
KDNE 32-200/180

≅ 2900 1/min



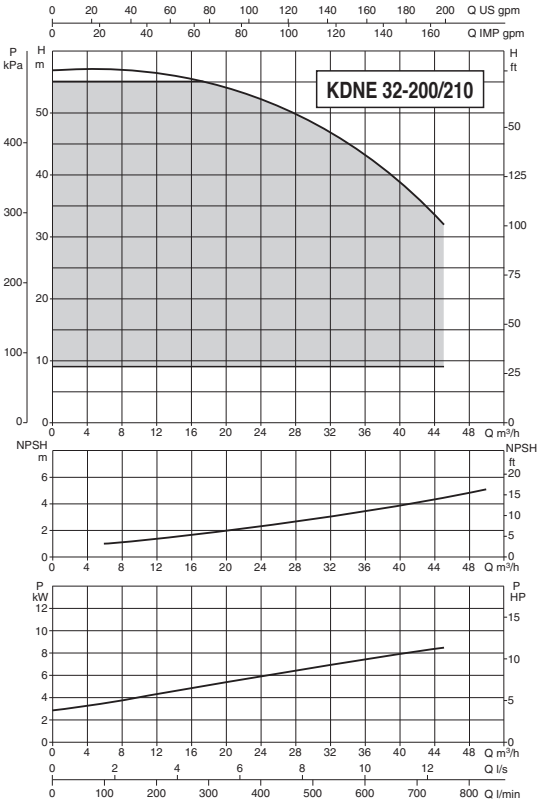
KDNE 32-200/200

≅ 2900 1/min



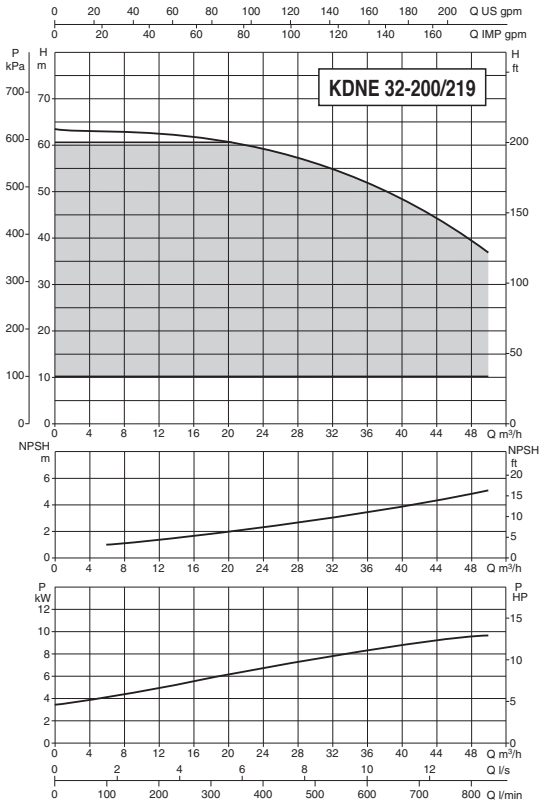
KDNE 32-200/210

≅ 2900 1/min



KDNE 32-200/219

≅ 2900 1/min



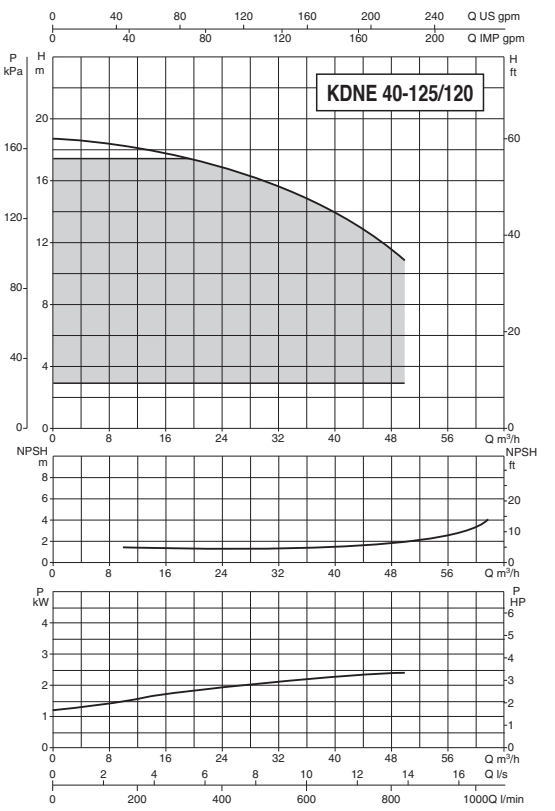
The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

KDNE WITH MCE/C - 2 POLES

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

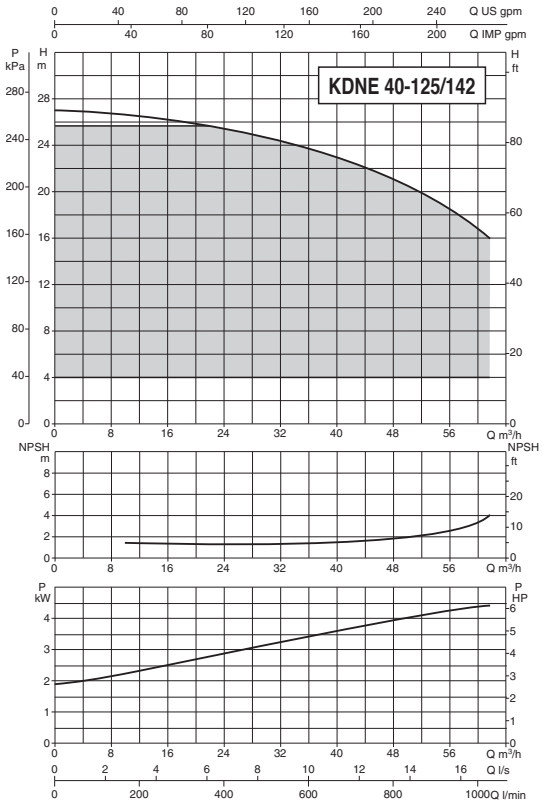
KDNE 40-125/120

≅ 2900 1/min



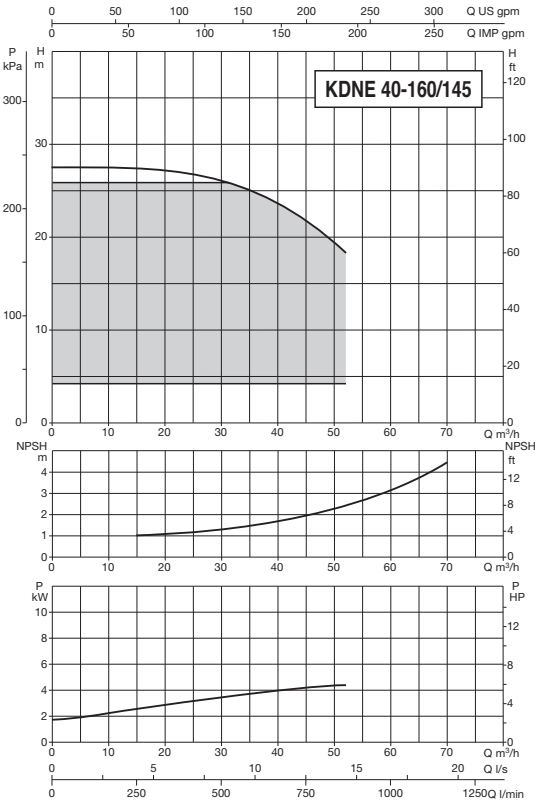
KDNE 40-125/142

≅ 2900 1/min



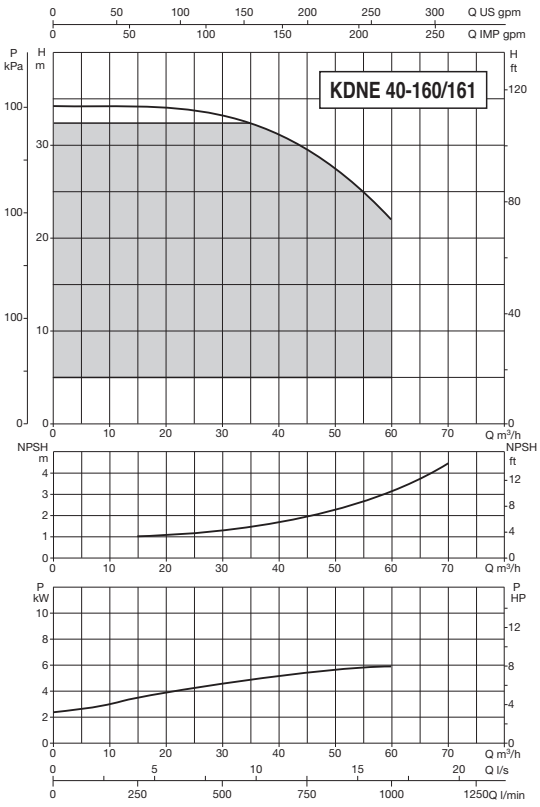
KDNE 40-160/145

≅ 2900 1/min



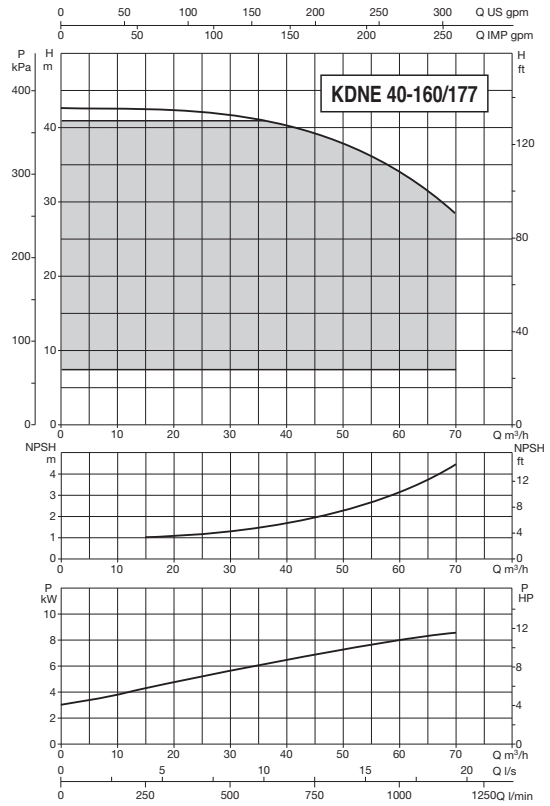
KDNE 40-160/161

≅ 2900 1/min



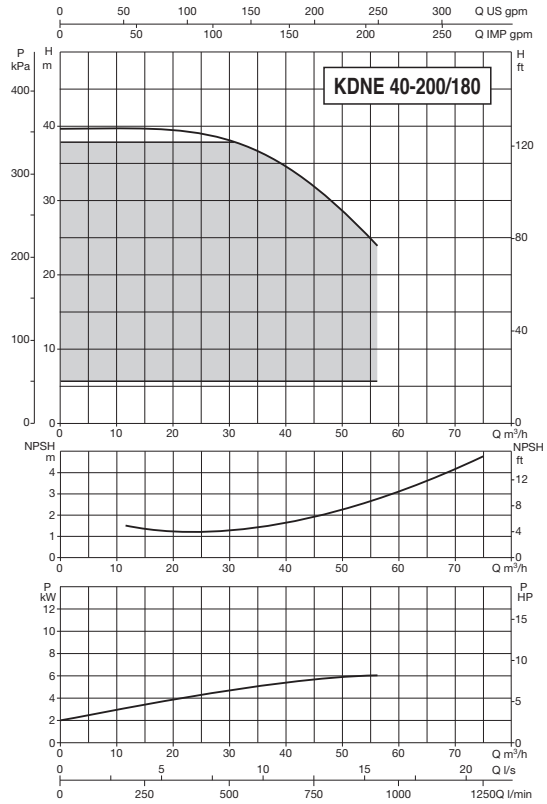
The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

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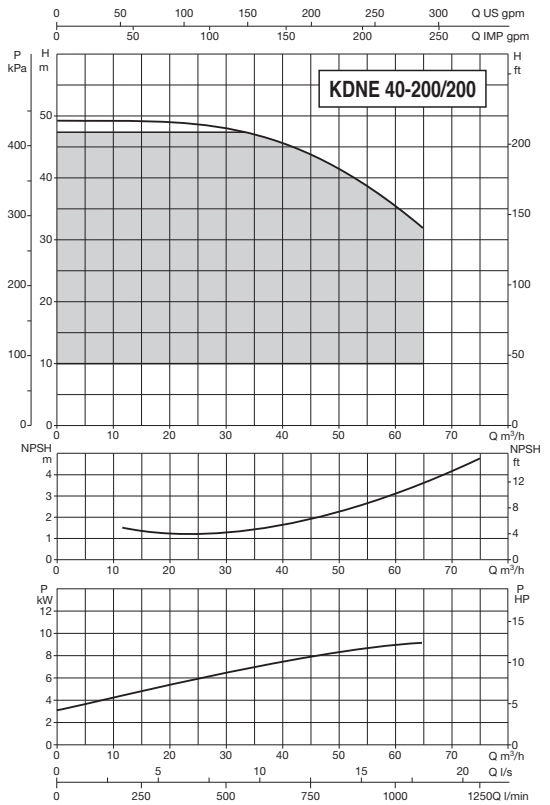
KDNE 40-200/180

≅ 2900 1/min



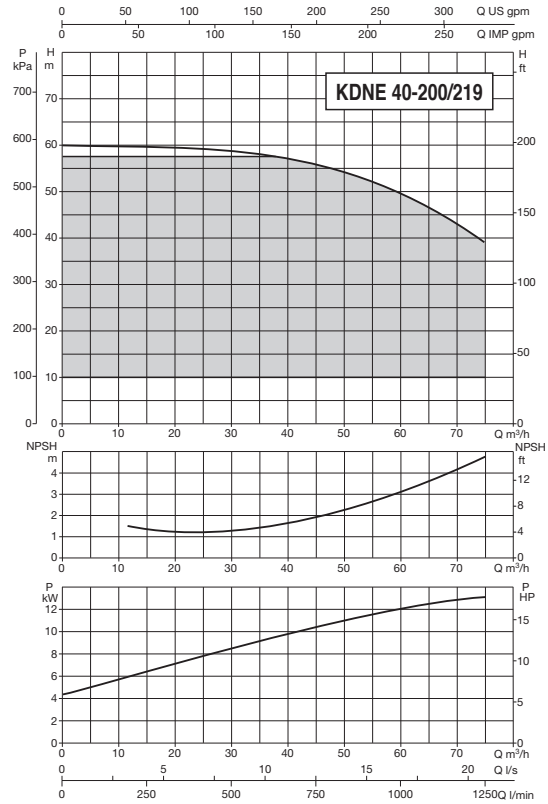
KDNE 40-200/200

≅ 2900 1/min



KDNE 40-200/219

≅ 2900 1/min



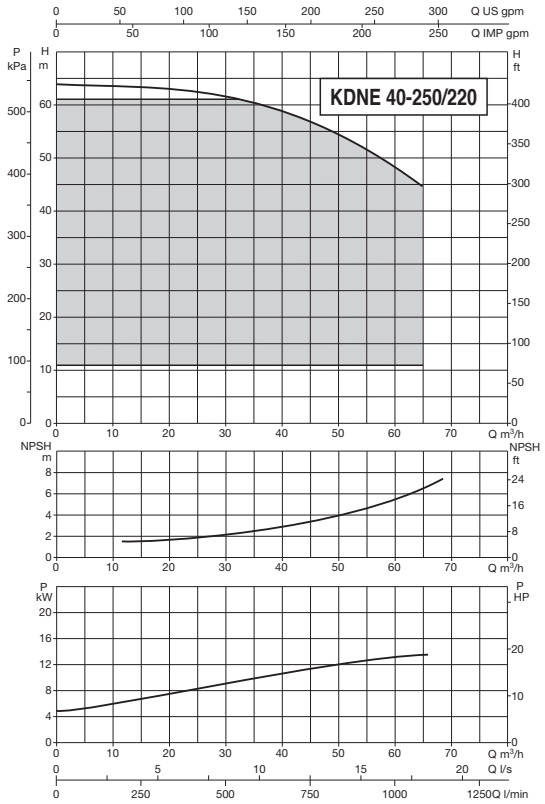
The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

KDNE WITH MCE/C - 2 POLES

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

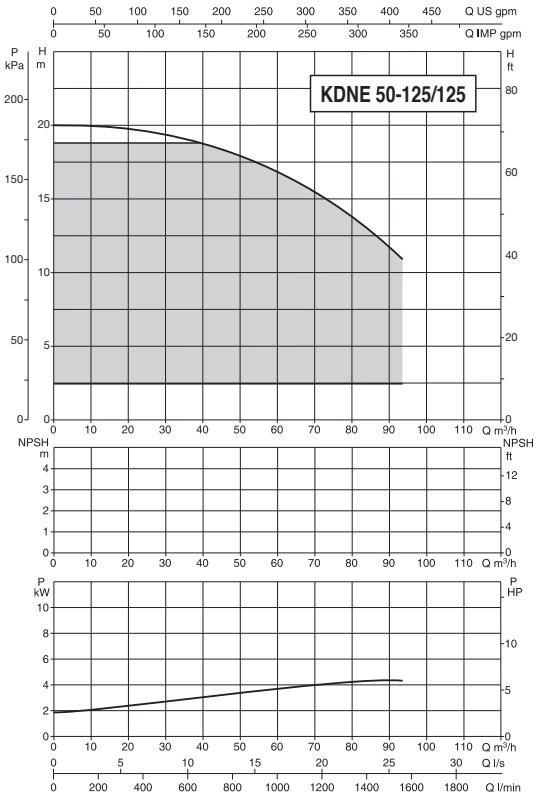
KDNE 40-250/220

≅ 2900 1/min



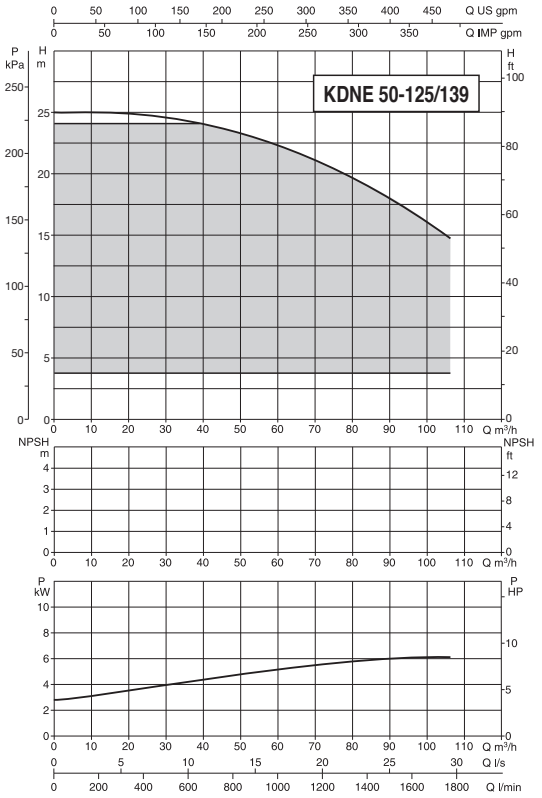
KDNE 50-125/125

≅ 2900 1/min



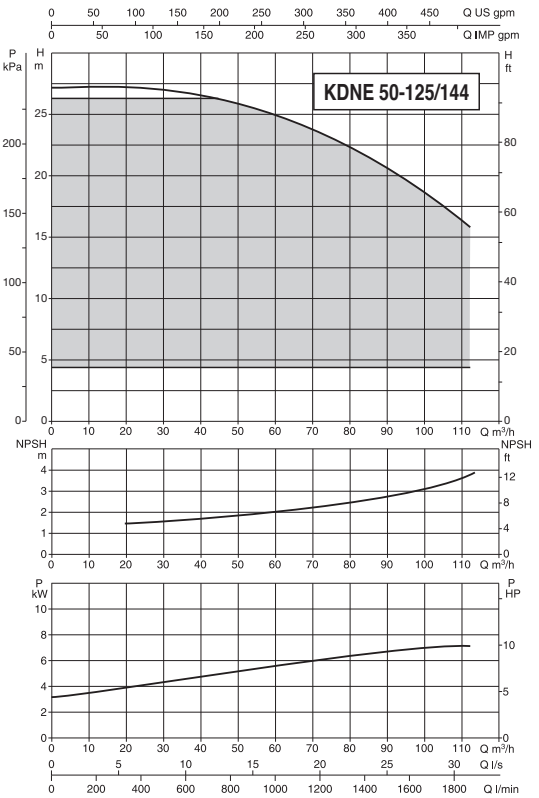
KDNE 50-125/139

≅ 2900 1/min



KDNE 50-125/144

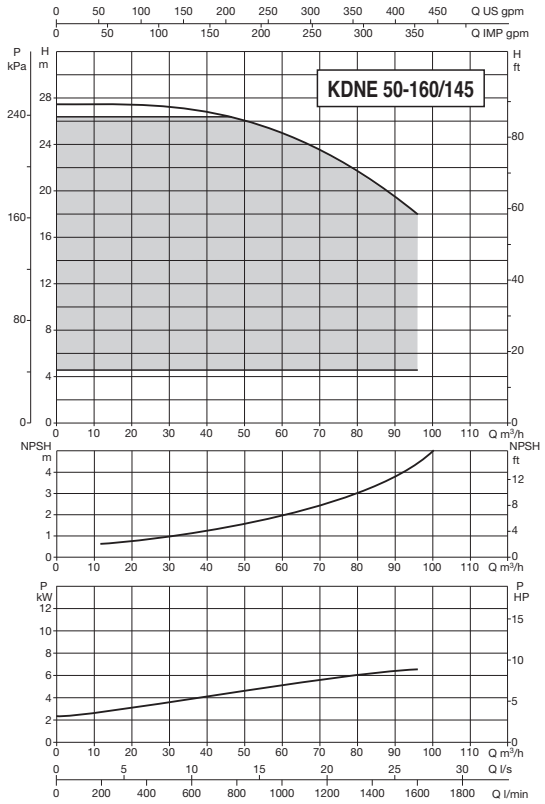
≅ 2900 1/min



The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

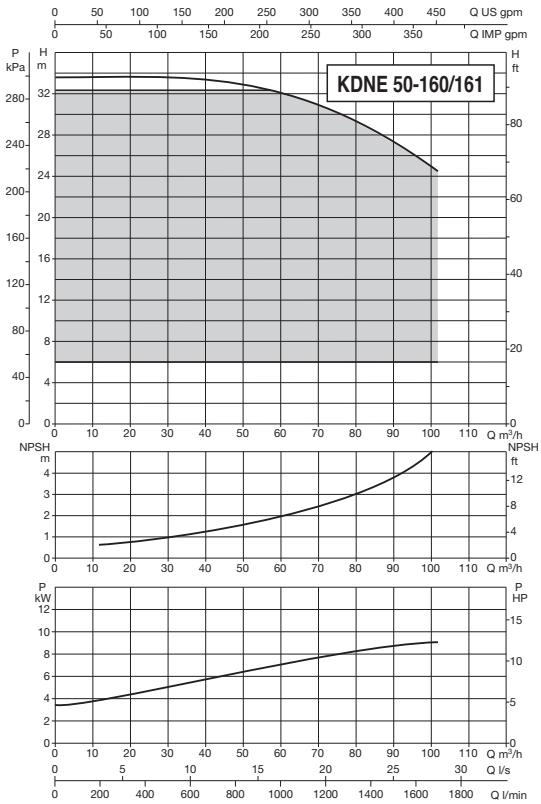
KDNE 50-160/145

≅ 2900 1/min



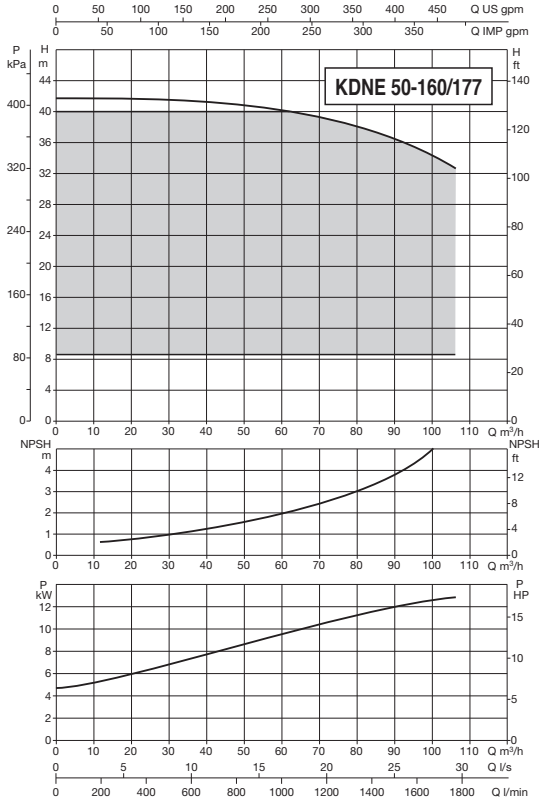
KDNE 50-160/161

≅ 2900 1/min



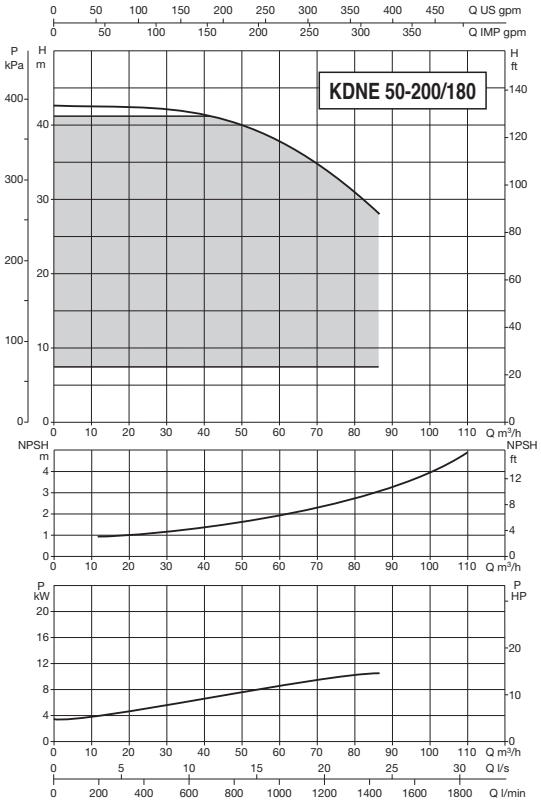
KDNE 50-160/177

≅ 2900 1/min



KDNE 50-200/180

≅ 2900 1/min



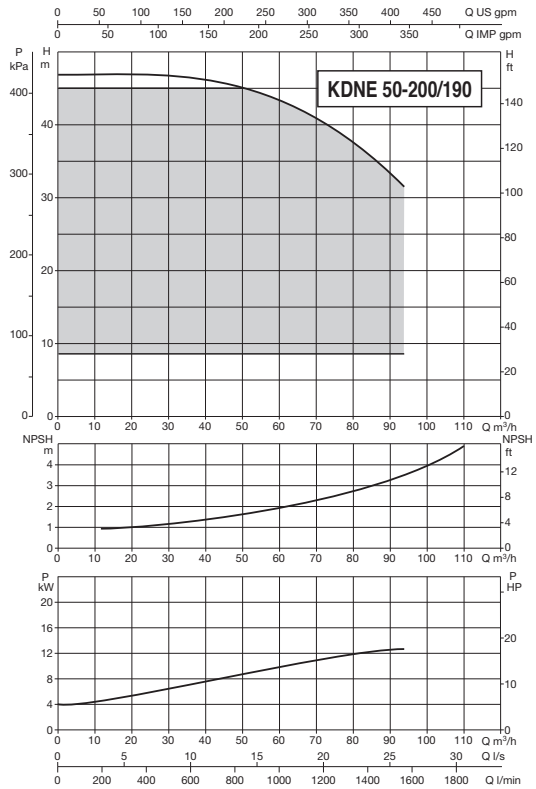
The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

KDNE WITH MCE/C - 2 POLES

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

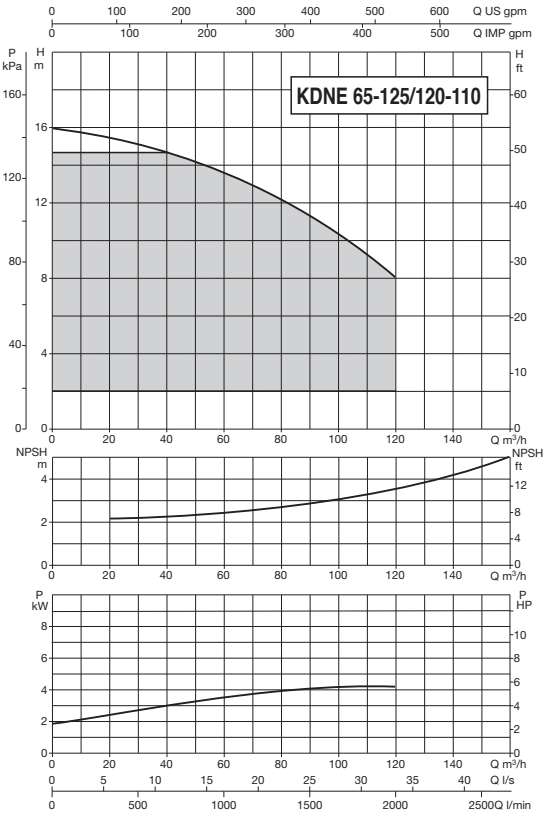
KDNE 50-200/190

≅ 2900 1/min



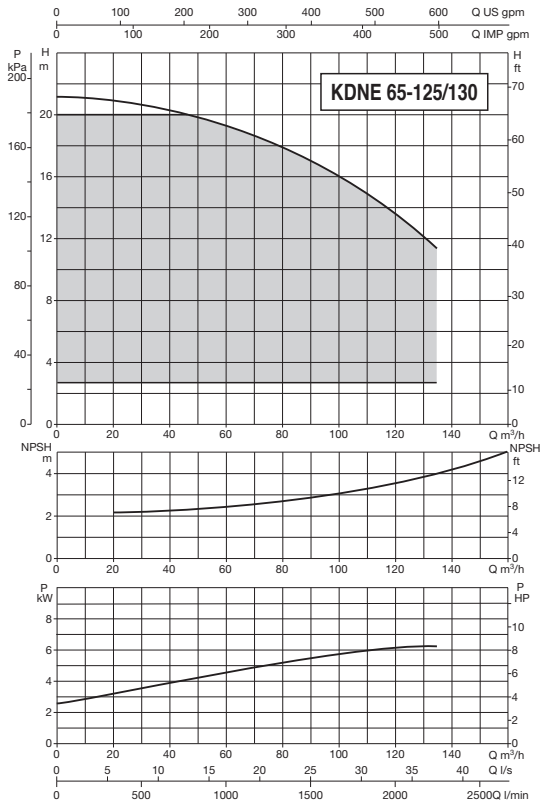
KDNE 65-125/120-110

≅ 2900 1/min



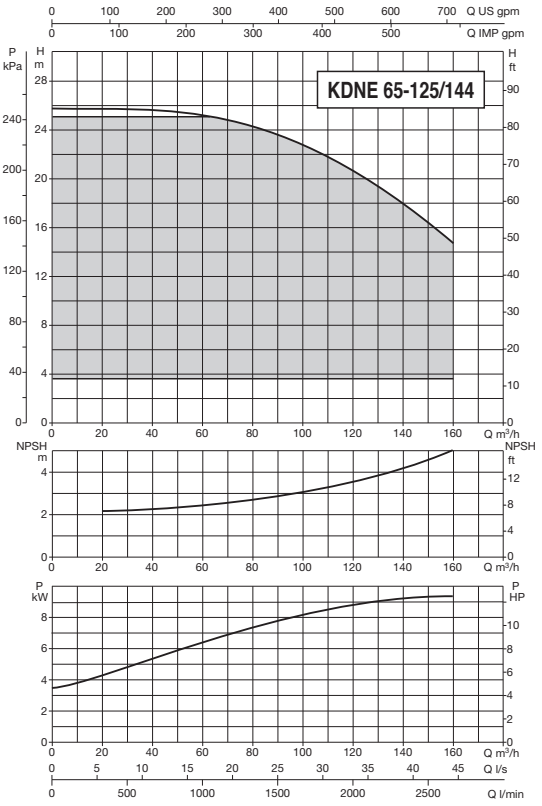
KDNE 65-125/130

≅ 2900 1/min



KDNE 65-125/144

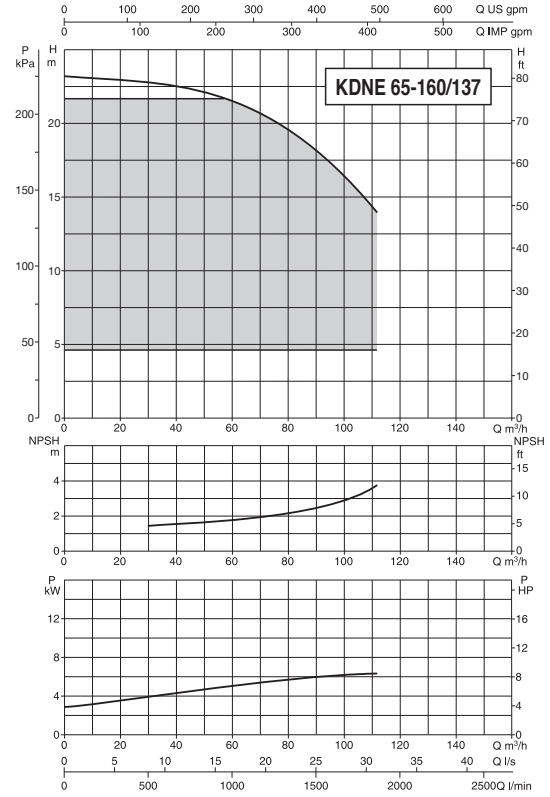
≅ 2900 1/min



The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

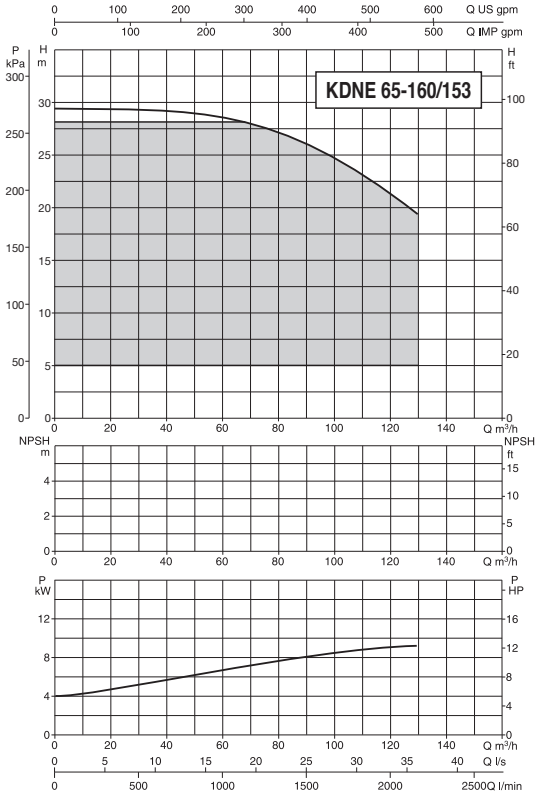
KDNE 65-160/137

≅ 2900 1/min



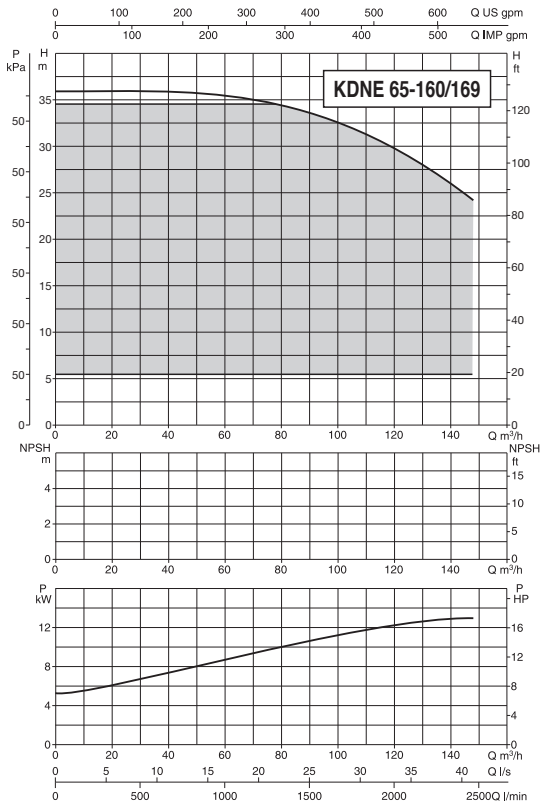
KDNE 65-160/153

≅ 2900 1/min



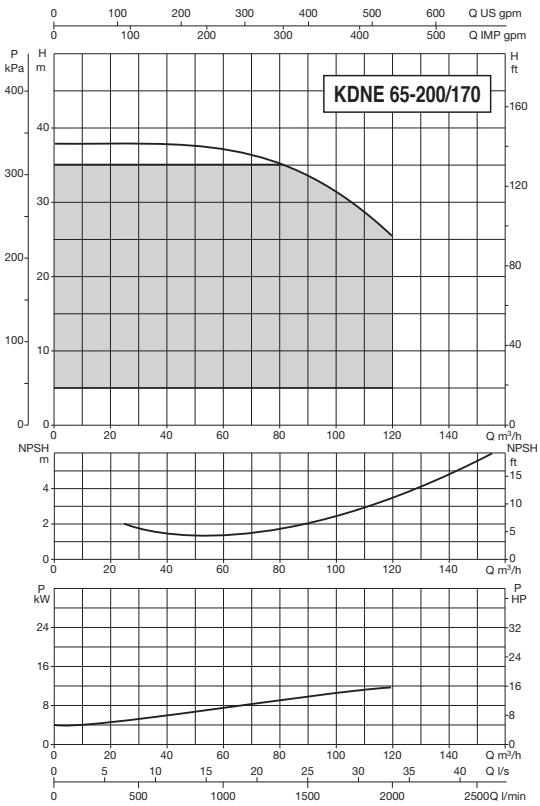
KDNE 65-160/169

≅ 2900 1/min



KDNE 65-200/170

≅ 2900 1/min



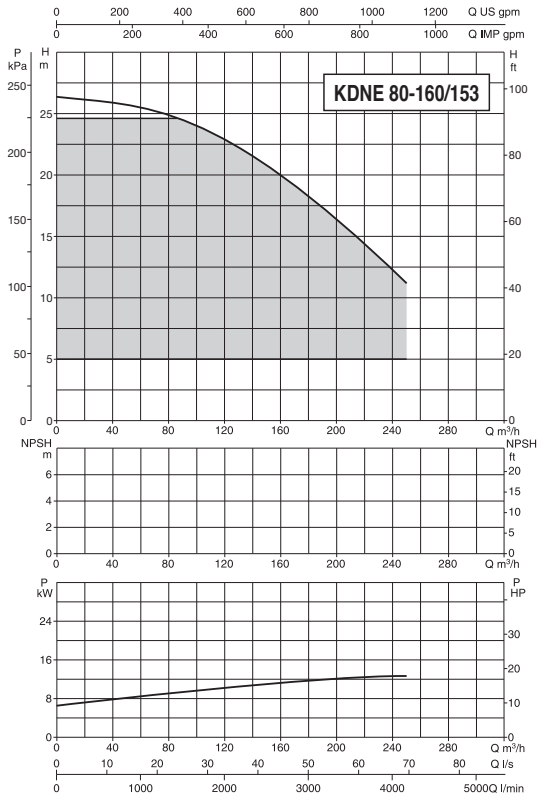
The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

DAB PUMPS reserves the right to make modifications without notice

KDNE WITH MCE/C - 2 POLES

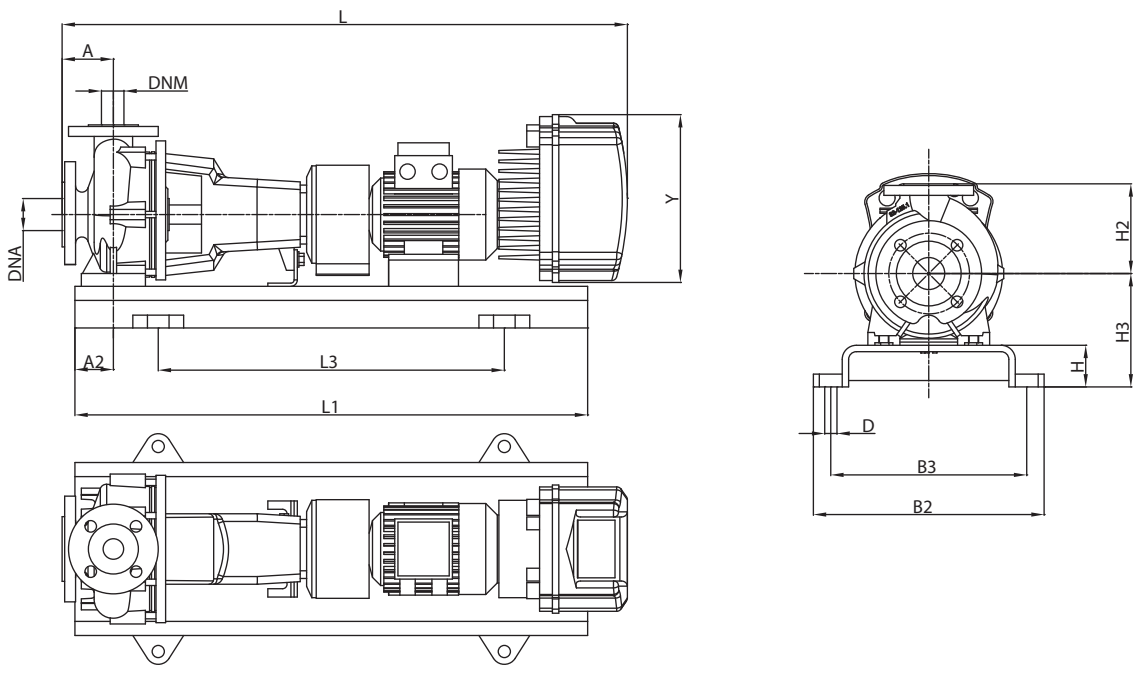
STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

KDNE 80-160/153 ≅ 2900 1/min



The performance curves are based on the kinematic viscosity values = 1 mm2/s and density equal to 1000 kg/m3. Curve tolerance according to ISO 9906.

DIMENSIONS



KDNE WITH MCE/C - 2 POLES

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

MODEL	A	A2	H2	H	H3	L1	L3	B2	B3	D	Y	FLANGE DIMENSIONS		STANDARD COUPLING		SPACER COUPLING	
												DNA	DNM	L	WEIGHT [Kg]	L	WEIGHT [Kg]
KDNE 32-125.1/110/A/BAQE/1/1,5/2 M MCE15/C	80	60	140	65	177	800	540	360	320		262	50	32	989	97	1089	102
KDNE 32-125.1/130/A/BAQE/1/2.2/2 M MCE22/C	80	60	140	65	177	900	600	390	350		262	50	32	989	104	1089	109
KDNE 32-125.1/140/A/BAQE/1/3/2 T MCE30/C	80	60	140	65	177	900	600	390	350		353	50	32	1026	111	1126	116
KDNE 32-125/125/A/BAQE/1/2,2/2 M MCE22/C	80	60	140	65	177	900	600	390	350	19	262	50	32	989	97	1089	102
KDNE 32-125/130/A/BAQE/1/3/2 T MCE30/C	80	60	140	65	177	900	600	390	350	19	353	50	32	1026	105	1126	110
KDNE 32-125/142/A/BAQE/1/4/2 T MCE55/C	80	60	140	65	177	900	600	390	350	19	353	50	32	1046	126	1146	131
KDNE 32-160.1/137/A/BAQE/1/1,5/2 M MCE15/C	80	60	160	65	197	800	540	360	320	19	262	50	32	989	98	1089	103
KDNE 32-160.1/145/A/BAQE/1/2,2/2 M MCE22/C	80	60	160	65	197	900	600	390	350	19	262	50	32	989	106	1089	111
KDNE 32-160.1/153/A/BAQE/1/3/2 T MCE30/C	80	60	160	65	197	900	600	390	350	19	353	50	32	1026	111	1126	116
KDNE 32-160.1/177/A/BAQE/1/5,5/2 T MCE55/C	80	60	160	80	212	1000	660	450	400	24	353	50	32	1159	145	1259	150
KDNE 32-160/145/A/BAQE/1/3/2 T MCE30/C	80	60	160	65	197	900	600	390	350	19	353	50	32	1026	111	1126	116
KDNE 32-160/161/A/BAQE/1/5,5/2 T MCE55/C	80	60	160	80	212	1000	660	450	400	24	353	50	32	1159	145	1259	150
KDNE 32-160/177/A/BAQE/1/7,5/2 T MCE110/C	80	60	160	80	212	1000	660	450	400	24	426	50	32	1209	152	1309	157
KDNE 32-200.1/170/A/BAQE/1/3/2 T MCE30/C	80	60	180	65	225	900	600	390	350	19	353	50	32	1026	149	1126	154
KDNE 32-200.1/190/A/BAQE/1/5,5/2 T MCE55/C	80	60	180	80	240	1000	660	450	400	24	353	50	32	1159	152	1259	157
KDNE 32-200.1/207/A/BAQE/1/7,5/2 T MCE110/C	80	60	180	80	240	1000	660	450	400	24	426	50	32	1209	179	1309	184
KDNE 32-200/180/A/BAQE/1/5,5/2 T MCE55/C	80	60	180	80	240	1000	660	450	400	24	353	50	32	1159	152	1259	157
KDNE 32-200/200/A/BAQE/1/7,5/2 T MCE110/C	80	60	180	80	240	1000	660	450	400	24	426	50	32	1209	190	1309	195
KDNE 32-200/210/A/BAQE/1/11/2 T MCE110/C	80	60	180	80	240	1120	740	490	440	24	426	50	32	1319	250	1419	255
KDNE 32-200/219/A/BAQE/1/15/2 T MCE150/C	80	60	180	80	240	1120	740	490	440	24	426	50	32	1319	261	1419	266
KDNE 40-125/120/A/BAQE/1/3/2 T MCE30/C	80	60	140	65	177	900	600	390	350	19	353	65	40	1026	100	1126	105
KDNE 40-125/142/A/BAQE/1/5,5/2 T MCE55/C	80	60	140	80	212	1000	660	450	400	24	353	65	40	1159	143	1259	148
KDNE 40-160/145/A/BAQE/1/5,5/2 T MCE55/C	80	60	160	80	212	1000	660	450	400	24	353	65	40	1159	169	1259	174
KDNE 40-160/161/A/BAQE/1/7,5/2 T MCE110/C	80	60	160	80	212	1000	660	450	400	24	426	65	40	1209	178	1309	183
KDNE 40-160/177/A/BAQE/1/11/2 T MCE110/C	80	60	160	80	240	1120	740	490	440	24	426	65	40	1319	186	1419	191
KDNE 40-200/180/A/BAQE/1/7,5/2 T MCE110/C	100	60	180	80	240	1000	660	450	400	24	426	65	40	1229	160	1329	165
KDNE 40-200/200/A/BAQE/1/11/2 T MCE110/C	100	60	180	80	240	1120	740	490	440	24	426	65	40	1339	234	1439	239
KDNE 40-200/219/A/BAQE/1/15/2 T MCE150/C	100	60	180	80	240	1120	740	490	440	24	426	65	40	1339	244	1439	249
KDNE 40-250/220/A/BAQE/1/15/2 T MCE150/C	100	75	225	80	260	1250	840	540	490		426	65	40	1339	291	1439	296
KDNE 50-125/125/A/BAQE/1/5,5/2 T MCE55/C	100	60	160	80	212	1000	660	450	400	24	353	65	40	1179	152	1279	157
KDNE 50-125/139/A/BAQE/1/7,5/2 T MCE110/C	100	60	160	80	212	1000	660	450	400	24	426	65	40	1229	156	1329	161
KDNE 50-125/144/A/BAQE/1/11/2 T MCE110/C	100	60	160	80	240	1120	740	490	400	24	426	65	50	1339	156	1439	161
KDNE 50-160/145/A/BAQE/1/7,5/2 T MCE110/C	100	60	180	80	240	1000	660	450	400	24	426	65	50	1229	190	1329	195
KDNE 50-160/161/A/BAQE/1/11/2 T MCE110/C	100	60	180	80	240	1120	740	490	440	24	426	65	50	1339	201	1439	206
KDNE 50-160/177/BAQE/1/15/2 T MCE150/C	100	60	180	80	240	1120	740	490	440	24	426	65	50	1339	213	1439	218
KDNE 50-200/180/A/BAQE/1/11/2 T MCE110/C	100	60	200	80	240	1120	740	490	440	24	426	65	50	1339	199	1439	204
KDNE 50-200/190/A/BAQE/1/15/2 T MCE150/C	100	60	200	80	240	1120	740	490	440	24	426	65	50	1339	293	1439	298
KDNE 65-125/120-110/A/BAQE/1/5,5/2 T MCE55/C	100	60	180	80	240	1000	660	450	400	24	353	80	65	1179	152	1279	157
KDNE 65-125/130/A/BAQE/1/7,5/2 T MCE110/C	100	60	180	80	240	1000	660	450	400	24	426	80	65	1229	159	1329	164
KDNE 65-125/144/A/BAQE/1/11/2 T MCE110/C	100	60	180	80	240	1120	740	490	440	24	426	80	65	1339	188	1439	193
KDNE 65-160/137/A/BAQE/1/7,5/2 T MCE110/C	100	60	200	80	240	1000	660	450	400	24	426	80	65	1229	186	1329	191
KDNE 65-160/153/A/BAQE/1/11/2 T MCE110/C	100	60	200	80	240	1120	740	490	440	24	426	80	65	1339	196	1439	201
KDNE 65-160/169/A/BAQE/1/15/2 T MCE150/C	100	60	200	80	240	1120	740	490	440	24	426	80	65	1339	233	1439	238
KDNE 65-200/170/A/BAQE/1/15/2 T MCE150/C	100	75	225	80	260	1250	840	540	490		426	80	65	1339	292	1439	297
KDNE 80-160/153-136/A/BAQE/1/15/2 T MCE150/C	100	75	225	80	260	1250	840	540	490		426	80	65	1364	311	1464	316

DAB PUMPS reserves the right to make modifications without notice

K SINGLE IMPELLER

SINGLE IMPELLER CENTRIFUGAL PUMPS



K 30/70 M



K 35/1200 T

ENERGY EFFICIENCY IE2

CE

DOMESTIC, CIVIL AND INDUSTRIAL WATER SUPPLY

Single impeller centrifugal pupm suitable for domestic, civil, industrial and agricultural installations and for decanting, mixing and irrigating uses. Cast iron pump body and motor support. Technopolymer impeller.
Stainless steel driving shaft. Carbon/ceramic mechanical seal. Asynchronous, closed motor, cooled by external ventilation. Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. For the protection of the three-phase motor it is advisable to use a suitable overload protection complying with the regulations in force.
Operating range: from 1,8 to 96 m³/h with head up to 62 metres.
Pumped liquid characteristics: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised, chemically neutral and close to the characteristics of water.

Liquid temperature range:
from -10°C to +50°C: for K 20/41, K 30/70, K 30/100, K 36/100, K 12/200, K 36/200, K 40/200.
from -15°C to +110°C: for the other pups.
Maximum operating range:
K 20/41, K 30/70, K 30/100, K 36/100, K 12/200, K 14/400:**6 bar (600 kPa)**
K 36/200, K 40/200, K 55/200, K 11/500, K 18/500, K 28/500:**8 bar (800 kPa)**
K 40/400, K 50/400, K 30/800, K 40/800, K 50/800, K 20/1200, K 25/1200, K 35/1200: **10 bar (1000 kPa)**
Maximum ambient temperature: +40°C.
Protection level: IP 44.
Terminal board protection level: IP 55.
Insulation class: F.

K - SINGLE IMPELLER CENTRIFUGAL

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA																							
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	CAPACITOR µF	CAPACITOR Vc	Q=m³h	0	1,8	2,4	3,6	4,8	6	7,2	9	9,6	10,8	12	15	18	24	30	36	42	60	72	84	96
									Q=l/min	0	30	40	60	80	100	120	150	160	180	200	250	300	400	500	600	700	1000	1200	1400	1600
K 20/41 M	102110004	1 x 220 - 240 V ~	0,65	0,37	0,5	3	10	450			20,3	19,4	16,9	13,6	8,3																	
K 20/41 T	102110014	3 x 230 - 400 V ~	0,64	0,37	0,5	2,3/1,3	-	-			20,3	19,4	16,9	13,6	8,3																	
K 30/70 M	102110024	1 x 220 - 240 V ~	1,3	0,75	1	6	20	450		31,8	29,5	28,9	27	24,2	19,8	13,5																
K 30/70 T	60145269	3 x 230 - 400 V ~	1,2	0,75	1	4,3/2,5	-	-		31,8	29,5	28,9	27	24,2	19,8	13,5																
K 30/70 M-P**	102112024	1 x 220 - 240 V ~	1,3	0,75	1	6	20	450		31,8	29,5	28,9	27	24,2	19,8	13,5																
K 30/100 M	102110042	1 x 220 - 240 V ~	1,6	1,1	1,5	7,1	31,5	450		29,2		29	28,8	28	26,8	25,3	22,5	21,5	18,5													
K 30/100 T	60145771	3 x 230 - 400 V ~	1,63	1,1	1,5	5,5/3	-	-		29,2		29	28,8	28	26,8	25,3	22,5	21,5	18,5													
K 36/100 M	102110162	1 x 220 - 240 V ~	2,1	1,85	2,5	8,8	40	450		34,9		34,8	34,6	34	33	32	29,8	29	26,5													
K 36/100 T	60145837	3 x 230 - 400 V ~	2	1,85	2,5	6,9/3,9	-	-		34,9		34,8	34,6	34	33	32	29,8	29	26,5													
K 12/200 M	103110004	1 x 220 - 240 V ~	1,24	0,75	1	5,8	20	450		18,4		17,2	16,5	16	15,3	14,7	13,5	13,1	12,3	11,4	8,9	5,5										
K 12/200 T	60145307	3 x 230 - 400 V ~	1,15	0,75	1	3,6/2,1	-	-		18,4		17,2	16,5	16	15,3	14,7	13,5	13,1	12,3	11,4	8,9	5,5										
K 36/200 T	60146040	3 x 230 - 400 V ~	3	2,2	3	9/5,2	-	-		36,6				36	35,5	35	34	33,3	32,5	31,5	28	23,5										
K 40/200 T	60146050	3 x 230 - 400 V ~	3,5	3	4	11,1/6,4	-	-		41,3				41	40,5	40	39	38,8	38	37	33,5	29										
K 55/200 T	60146064	3 x 230 - 400 V ~	4,9	4	5,5	16,3/9,4	-	-		54					54	53,9	53,2	53	52	51,5	48,5	45										
K 14/400 M	102130402	1 x 220 - 240 V ~	2,1	1,85	2,5	9,5	40	450	H (m)	19										18,8	18,5	18	16,3	13,8	10							
K 14/400 T	60145845	3 x 230 - 400 V ~	2,1	1,85	2,5	7/4	-	-		19										18,8	18,5	18	16,3	13,8	10							
K 11/500 T	60146044	3 x 230 - 400 V ~	2,6	2,2	3	7,6/4,4	-	-		24,5										22,5	21,5	20	16,5	11,5	6,5							
K 18/500 T	60146057	3 x 230 - 400 V ~	3,4	3	4	10,2/5,9	-	-		29,6										29,2	28,5	27,4	24	19,5	13,8							
K 28/500 M	60152457	1 x 230 V ~	4,5	4	5,5	20	160	450																								
K 28/500 T	60146073	3 x 230 - 400 V ~	4,5	4	5,5	14,7/8,5	-	-		35										34,5	34	32,8	29,3	25,2	20							
K 40/400 T	60146093	3 x 400 V ~ [1]	7	5,5	7,5	11,5	-	-		50,5										49	48	45	37	24								
K 50/400 T	60146100	3 x 400 V ~ [1]	9,4	7,5	10	15	-	-		62										61	60	59	54,5	46								
K 30/800 T	60146101	3 x 400 V ~ [1]	8,3	7,5	10	14	-	-		44													42	40	38	35	21,5					
K 40/800 T	60146110	3 x 400 V ~ [1]	11	9,2	12,5	18	-	-		51,5													50	48	47	43,5	32,5	21				
K 50/800 T	60146116	3 x 400 V ~ [1]	12,75	11	15	20,5	-	-		58													56,5	55	53,5	51	41	31				
K 20/1200 T	60146102	3 x 400 V ~ [1]	8,9	7,5	10	15,4	-	-		37,5													36,5	36	35	34	30	26	21	15		
K 25/1200 T	60146111	3 x 400 V ~ [1]	10	9,2	12,5	18	-	-		40,7													39	38,5	38	37	33,5	30	25	18		
K 35/1200 T	60146117	3 x 400 V ~ [1]	11,4	11	15	19,3	-	-		45															43	42,5	38,5	35	31,5	27		

** Pump equipped with pressure gauge, pressure switch, power cable with plug and five -way fitting to use for connecting to a tank.
[1] Star (Y) starting is possible

K - SINGLE IMPELLER CENTRIFUGAL - new single-phase

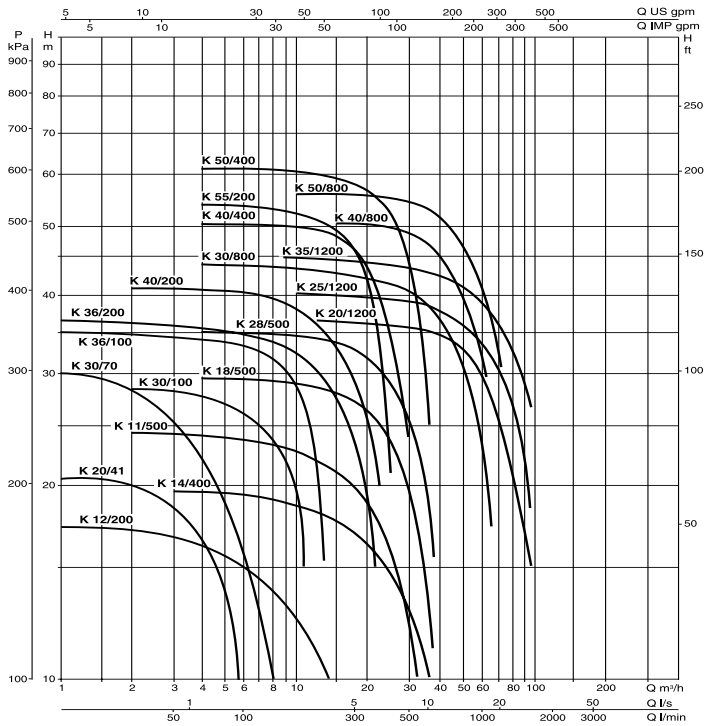
MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA													
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	CAPACITOR µF	CAPACITOR Vc	Q=m³h	0	4,8	6	7,2	9	9,6	10,8	12	15	18	24	30	36
									Q=l/min	0	80	100	120	150	160	180	200	250	300	400	500	600
K 36/200 M	60152451	1 x 230	3,0	2,2	3	13,5	80	450	H (m)	36,6	36	35,5	35	34	33,3	32,5	31,5	28	23,5			
K 40/200 M	60152452	1 x 230	3,6	3	4	17,5	160	450		41,3	41	40,5	40	39	38,8	38	37	33,5	29			
K 55/200 M	60152453	1 x 230	5,0	4	5,5	21,8	160	450		54		54	53,9	53,2	53	52	51,5	48,5	45			
K 11/500 M	60152455	1 x 230	2,5	2,2	3	11,2	80	450		24,5							22,5	21,5	20	16,5	11,5	6,5
K 18/500 M	60152456	1 x 230	3,4	3	4	15,2	160	450		29,6							29,2	28,5	27,4	24	19,5	13,8
K 28/500 M	60152457	1 x 230	4,5	4	5,5	20,0	160	450		35							34,5	34	32,8	29,3	25,2	20

PERFORMANCE COMPARISON series K / NKP-G

MODEL	CODE	P2 kW	Q m³/h	H m
K 40/400 T	60146093	5,5	12-30	49-25
K 50/400 T	60146100	7,5	13-34	61-36
K 30/800 T	60146101	7,5	18-63	43-18
K 40/800 T	60146110	9,2	24-66	50-27
K 50/800 T	60146116	11	24-78	56,7-25
K 20/1200 T	60146102	7,5	30-92	36-17
K 25/1200 T	60146111	9,2	32-94	39-19
K 35/1200 T	60146117	11	34-96	43-27

MODEL	CODE	P2 kW	Q m³/h	H m
NKP-G 32-200/190/ 5.5 /2	1D1311B9B	5,5	3,6-36	46,5-29
NKP-G 32-200/210/ 7.5 /2	1D1311BAB	7,5	3,6-36	58,5-44,5
NKP-G 40-160/172/ 7,5 /2	1D2211BAB	7,5	6,7-67	42-26
NKP-G 40-200/210/11/2	1D2311BBB	11	6,7-67	58-38,8
NKP-G 40-200/210/11 /2	1D2311BBB	11	6,7-67	58-38,8
NKP-G 50-160/153/ 7.5 /2	1D3211BAB	7,5	9,0-90	32-23,5
NKP-G 50-160/169/11/2	1D3211BBB	11	10,0-100	39,5-30,5
NKP-G 50-200/200/15 /2	1D3311BCB	15	9,2-92	56-40

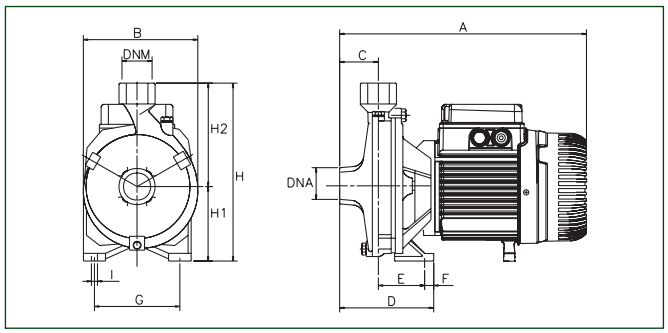
K SINGLE IMPELLER



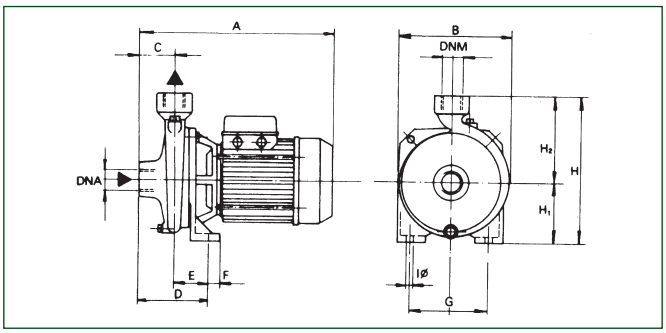
DAB PUMPS reserves the right to make modifications without notice

DIMENSIONS AND WEIGHTS

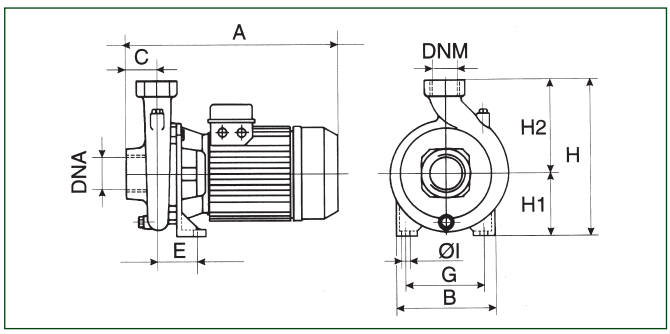
K 20/41 - 30/70 - 12/200



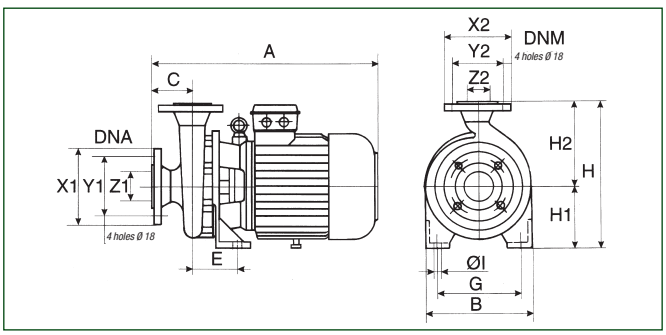
K 30/100 - 36/100



K 36/200 - 40/200 - 55/200
14/400 - 11/500 - 18/500 - 28/500



K 40/400 - 50/400 - 30/800 - 40/800
50/800 - 20/1200 - 25/1200 - 35/1200



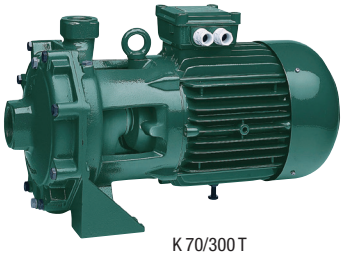
MODEL	A	B	C	D	E	G	ØI	H	H1	DNA	DNM	WEIGHT KG	Q.TY x PALLET
K 20/41	275	160	50	100	50	110	9	205	85	1" G	1" G	10	39
K 30/70	300	185	50	108	58	140	9	235	100	1" G	1" G	13,9	30
K 30/100	333	200	50	114	64	140	9	255	105	1 1/2" G	1" G	18,5	21
K 36/100	333	200	50	114	64	140	9	255	105	1 1/2" G	1" G	23,3	18
K 12/200	312	169	45	114	69	110	9	218	85	1 1/2" G	1 1/2" G	13,7	30
K 36/200	425	250	55	–	86	175	14	320	135	2" G	1 1/4" G	33,1	18
K 40/200	425	250	55	–	86	175	14	320	135	2" G	1 1/4" G	34,9	18
K 55/200	425	250	55	–	86	175	14	320	135	2" G	1 1/4" G	39	18
K 14/400 M	430	200	62	–	74	120	11	270	105	2" G	2" G	24,5	18
K 14/400 T	358	200	62	–	74	120	11	270	105	2" G	2" G	22	21
K 11/500	440	240	62	–	100	155	14	312	132	2 1/2" G	2" G	34,2	18
K 18/500	440	240	62	–	100	155	14	312	132	2 1/2" G	2" G	36,6	18
K 28/500	440	240	62	–	100	155	14	312	132	2 1/2" G	2" G	40,6	18
K 40/400	560	273	100	–	110	212	14	360	160	65	50	79	6
K 50/400	560	273	100	–	110	212	14	360	160	65	50	87	6
K 30/800	600	273	100	–	110	212	14	385	160	80	65	91	6
K 40/800	600	273	100	–	110	212	14	385	160	80	65	95	6
K 50/800	600	273	100	–	110	212	14	385	160	80	65	105	6
K 20/1200	600	273	100	–	110	212	14	385	160	80	65	88	6
K 25/1200	600	273	100	–	110	212	14	385	160	80	65	94	6
K 35/1200	600	273	100	–	110	212	14	385	160	80	65	100	6

K TWIN IMPELLERS

TWIN IMPELLERS CENTRIFUGAL PUMPS



K 35/40 M



K 70/300 T

DOMESTIC, CIVIL AND INDUSTRIAL WATER SUPPLY

Twin impeller centrifugal pump designed for use in pressurisation units for water supply systems for domestic, civil and industrial use. Suitable for sprinkling irrigation and other water supply applications. Cast iron pump body and motor support. Technopolymer impeller.
Stainless steel driving shaft. Carbon/ceramic mechanical seal. Asynchronous, closed motor, cooled by external ventilation.
Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. For the protection of the three-phase motor it is advisable to use a suitable overload protection complying with the regulations in force.
Operating range: from 1.2 to 30 m³/h with head up to 97 metres.
Pumped liquid characteristics: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised, chemically neutral and close to the characteristics of water.
Liquid temperature range:
from -10°C to +50°C: for K 35/40, K 45/50, K 35/100, K 40/100, K 55/100
from -15°C to +110°C: for K 55/50, K 66/100, K 90/100, K 70/300, K 80/300, K 70/400, K 80/400.
Maximum operating range:
K 35/40, K 35/100, K 40/100:**6 bar (600 kPa)**
K 45/50, K 55/50:**8 bar (800 kPa)**
K 55/100, K 66/100:**10 bar (1000 kPa)**
K 90/100, K 70/300, K 80/300 K 70/400, K 80/400:
12 bar (1200 kPa).
Maximum ambient temperature: +40°C
Protection level: IP 44
Terminal board protection level: IP 55
Insulation class: F

K - TWIN IMPELLERS CENTRIFUGAL

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA																			
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	1,2	1,8	2,4	3,6	4,8	6	7,2	9	9,6	10,8	12	15	18	24	30
				kW	HP		µF	Vc	Q=l/min	0	20	30	40	60	80	100	120	150	160	180	200	250	300	400	500
K 35/40 M	102120004	1 x 220 - 240 V ~	1,2	0,75	1	5,5	20	450		43,5	41,5	40	38	33	23,5											
K 35/40 T	60145196	3 x 230 - 400 V ~	1,2	0,75	1	3,8-2,2	-	-		43,5	41,5	40	38	33	23,5											
K 35/40 M-P**	102122004	1 x 220 - 240 V ~	1,2	0,75	1	5,5	20	450		43,5	41,5	40	38	33	23,5											
K 45/50 M	102120022	1 x 220 - 240 V ~	1,86	1,1	1,5	8,3	31,5	450		51	49	47,5	46	42	37	30										
K 45/50 T	60145774	3 x 230 - 400 V ~	1,96	1,1	1,5	7,2-4	-	-		51	49	47,5	46	42	37	30										
K 45/50 M-P**	102122022	1 x 220 - 240 V ~	1,86	1,1	1,5	8,3	31,5	450		51	49	47,5	46	42	37	30										
K 45/50 T-P **	60147310	3 x 230 - 400 V ~	1,96	1,1	1,5	7,2-4	-	-		51	49	47,5	46	42	37	30										
K 55/50 M	102120162	1 x 220 - 240 V ~	2,7	1,85	2,5	12,8	40	450		62	60	58	57	52	45	34										
K 55/50 T	60145840	3 x 230 - 400 V ~	2,5	1,85	2,5	8,4-4,8	-	-		62	60	58	57	52	45	34										
K 55/50 M-P**	102122030	1 x 220 - 240 V ~	2,7	1,85	2,5	12,8	40	450		62	60	58	57	52	45	34										
K 55/50 T-P **	60147311	3 x 400 V ~	2,5	1,85	2,5	8,4-4,8	-	-	H	62	60	58	57	52	45	34										
K 35/100 M	102121002	1 x 220 - 240 V ~	1,56	1,1	1,5	7,1	25	450	(m)	38,5			37,5	36,5	35	32	28,5	18,5	17,5						
K 35/100 T	60145775	3 x 230 - 400 V ~	1,65	1,1	1,5	6,4-3,5	-	-		38,5			37,5	36,5	35	32	28,5	18,5	17,5						
K 40/100 M	102121032	1 x 220 - 240 V ~	2	1,85	2,5	9	40	450		44			43,4	42,5	41	39	35,7	29	26	18,5					
K 40/100 T	60145841	3 x 230 - 400 V ~	2	1,85	2,5	7-4	-	-		44			43,4	42,5	41	39	35,7	29	26	18,5					
K 55/100 T	60146054	3 x 230 - 400 V ~	3,9	2,2	3	11,6-6,7	-	-		62			59,5	57	54,5	51	47	39	36						
K 66/100 T	60146067	3 x 230 - 400 V ~	4,7	3	4	14,6-8,4	-	-		73			70	67,5	64	60,5	57	49	47						
K 90/100 T	60146068	3 x 230 - 400 V ~	5,4	4	5,5	16,5-9,5	-	-		83,5			82	79,5	76,5	72,5	68	61	58						
K 70/300 T	60146091	3 x 400 V ~ [1]	7,1	5,5	7,5	12,9	-	-		76						74	73	72	71,5	70	69	65	60,5	43,5	
K 80/300 T	60146097	3 x 400 V ~ [1]	9,9	7,5	10	15	-	-		95						93	92,2	91	90,5	90	89,5	87	82	68	
K 70/400 T	60146108	3 x 400 V ~ [1]	10,7	9,2	12,5	18	-	-		86								84	83,2	82,5	82	79	76	65	47
K 80/400 T	60146114	3 x 400 V ~ [1]	12,5	11	15	21	-	-		97									95	94,5	94	92	89	80	64

[1] Star (⅄) starting is possible
** Pump equipped with pressure gauge, pressure switch, power cable with plug and five -way fitting to use for connecting to a tank.

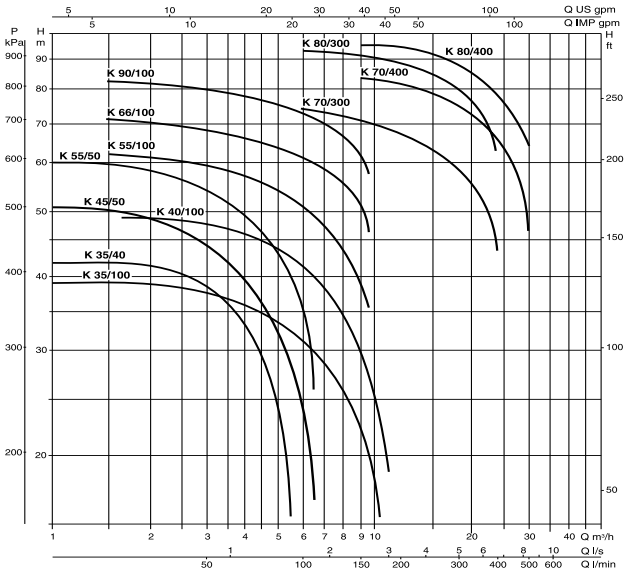
K - TWIN IMPELLERS CENTRIFUGAL - new single-phase

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA																			
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	1,2	1,8	2,4	3,6	4,8	6	7,2	9	9,6	10,8	12	15	18	24	30
				kW	HP		µF	Vc	Q=l/min	0	20	30	40	60	80	100	120	150	160	180	200	250	300	400	500
K 55/100 M	60152448	1 x 230	3,4	2,2	3	14,9	80	450		62			59,5	57	54,5	51	47	39	36							
K 66/100 M	60152449	1 x 230	4,4	3	4	19,5	160	450	H	73			70	67,5	64	60,5	57	49	47							
K 90/100 M	60152450	1 x 230	5,0	4	5,5	21,9	160	450	(m)	83,5			82	79,5	76,5	72,5	68	61	58							

K TWIN IMPELLERS

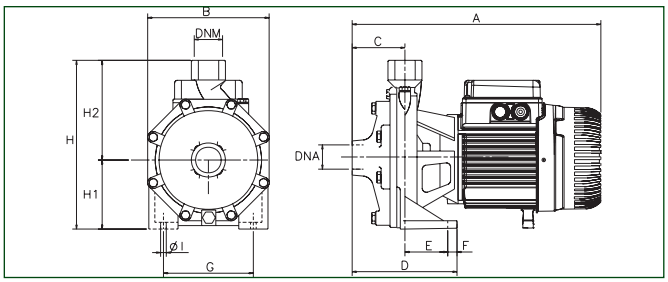
TWIN IMPELLERS CENTRIFUGAL PUMPS

K TWIN IMPELLERS

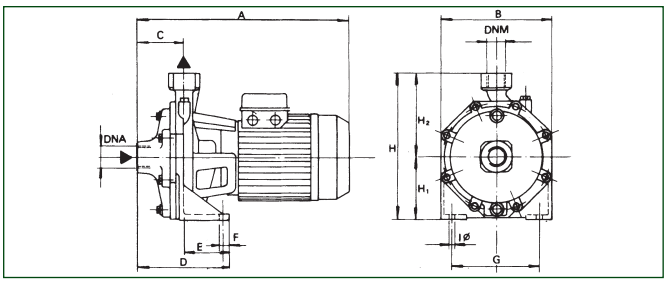


DIMENSIONS AND WEIGHTS

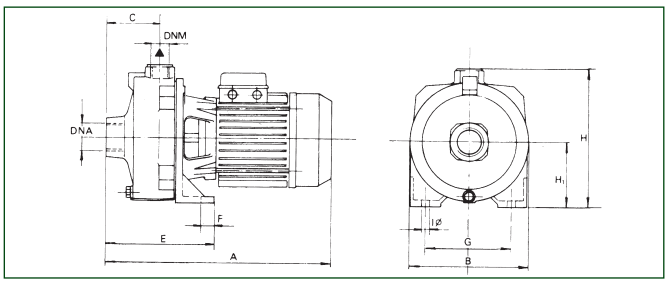
K 35/40



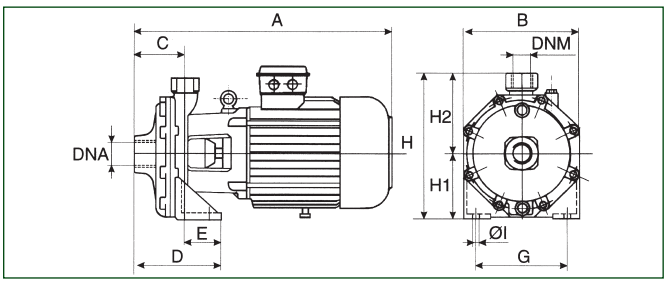
K 45/50 - 55/50 - 66/100 - 90/100



K 35/100 - 40/100



K 70/300 - 80/300 - 70/400 - 80/400



MODEL	A	B	C	D	E	F	G	ØI	H	H1	H2	DNA	DNM	WEIGHT KG	Q.TY x PALLET
K 35/40	342	180	76	148	72	15	148	9,5	235	100	135	1" G	1" G	15,9	27
K 45/50	370	210	75	144	69	15	165	11,5	268	118	150	1 1/4" G	1" G	23,3	21
K 55/50	370	210	75	114	69	15	165	11,5	268	118	150	1 1/4" G	1" G	27,2	18
K 35/100	387	205	88	–	179	20	145	11	233	108	–	1 1/2" G	1" G	22	21
K 40/100 M	461	205	88	–	179	20	145	11	233	108	–	1 1/2" G	1" G	25,9	18
K 40/100 T	387	205	88	–	179	20	145	11	233	108	–	1 1/2" G	1" G	22	21
K 55/100	450	256	88	160	72	18	200	14	312,5	140	172,5	1 1/2" G	1" G	38,1	18
K 66/100	450	256	88	160	72	18	200	14	312,5	140	172,5	1 1/2" G	1" G	40,7	18
K 90/100	450	256	88	160	72	18	200	14	312,5	140	172,5	1 1/2" G	1" G	44	18
K 70/300	595	270	122	182	60	20	210	14	340	160	180	2" G	1 1/4" G	72	6
K 80/300	595	270	122	182	60	20	210	14	340	160	180	2" G	1 1/4" G	79	6
K 70/400	635	270	122	182	60	20	210	14	340	160	180	2" G	1 1/4" G	75	6
K 80/400	635	270	122	182	60	20	210	14	340	160	180	2" G	1 1/4" G	79	6

ENERGY EFFICIENCY IE2

CE

CONDITIONING, IRRIGATION, WATER TRANSFER, PRESSURIZATION, INDUSTRIAL APPLICATION



Enbloc centrifugal electric pumps with integral shaft designed for a wide range of applications, such as:

- Water supply
- Circulation of hot water for central heating.
- Circulation of cold water for air conditioning and refrigerating.
- Transfer of liquids in agriculture, horticulture and industries.
- Implementation of pumping systems

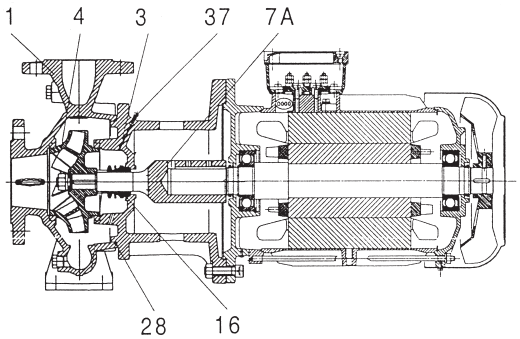
Pump construction characteristics:
Single-stage, cast iron spiral body made to DIN-EN 733 (formerly DIN 24255), cast iron support, flanges in accordance with DIN 2533. Cast iron impeller, encased and dynamically balanced with compensation of the axial thrust by means of balancing holes, operating (on request) with interchangeable consumable rings. AISI 304 stainless steel pump shaft.
Seal: standardised mechanical seal made to DIN 24960 in carbon / carborundum with O' rings in EPDM.

Motor construction characteristics
Closed, asynchronous motor with external ventilation, 2 poles for NKP and 4 poles for NKM. Rotor mounted on oversized ball bearings to ensure silent running and long life. We recommend using overload protection for the motor, in accordance with current norms. In the case of liquids denser than water, the motors must be proportionally more powerful.

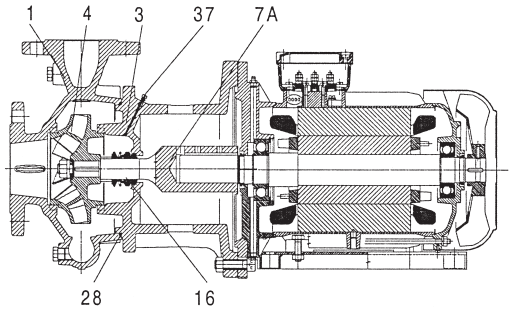
Built to: IEC 2-3 standards
Protection level: IP 55
Insulation level: F
Standard voltage: 230/400 V 50 Hz up to 2,2 Kw included 400 V Δ 50 Hz over 2,2 Kw
Speed of rotation: 1450 - 2900 1/min.
Operating range: from 1 to 420 m^3/h with head up to 96 metres.
Characteristics of pumped liquid: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral and close to the characteristics of water.
Liquid temperature range: from -10°C to +140°C
Maximum ambient temperature: +40°C
Maximum operating pressure: 16 bar - 1600 kPa
Flanging: PN 16 DIN 2533
Installation: normally horizontal or vertical provided the motor is always above the pump.
Special versions on request: pumps for liquids other than water.
Other voltages and/or frequencies.
IE3 motor efficiency class available on request. Please contact our sales network for a price quotation.

ACCESSORIES
PAG. 443

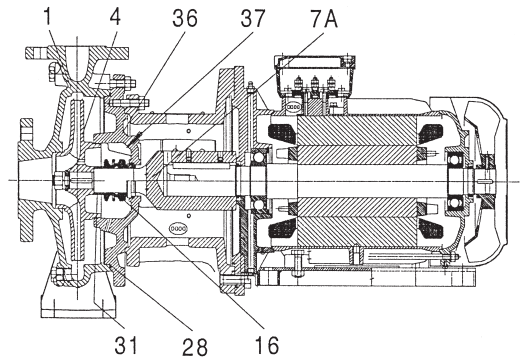
VERSION WITH MOTOR UP TO 7,5 KW COMPRESSED



VERSION WITH MOTOR OVER 7,5 KW



VERSION FOR MODELS: NKM-G 65-315/309/A/BAQE/11/4, NKM-G100-315/316/A/BAQE/22/4, NKM-G125-250/243/A/BAQE/15/4, NKM-G 80-200/200/A/BAQE/4/4, NKM-G 80-250/270/A/BAQE/11/4, NKM-G 80-315/305/A/BAQE/15 /4, NKM-G 80-315/320/A/BAQE/18,5/4, NKM-G 80-315/334/A/BAQE/22/4 NKM-G100-250/250/A/BAQE/11/4, NKM-G150-200/218/A/BAQE/11/4



N.	PARTS	MATERIALS *(STANDARD VERSION)*
1	PUMP BODY	250 UNI ISO 185 CAST IRON
3	SUPPORT	250 UNI ISO 185 CAST IRON
4	IMPELLER	250 UNI ISO 185 CAST IRON
7A	PUMP SHAFT	AISI 304 - UNI 6900/71 STAINLESS STEEL
16	MECHANICAL SEAL	CARBON/CARBORDUM - EPDM
28	O RING	VITON
31	SPACER SEAL	AISI 304 - UNI 6900/71 STAINLESS STEEL
36	SEAL HOLDER DISK	250 UNI ISO 185 CAST IRON
37	BLEED COCK	AISI 304 - UNI 6900/71 STAINLESS STEEL

N.	PARTS	MATERIALS *(STANDARD VERSION)*
4	IMPELLER	BRONZE GCuSn5Zn5Pb5
		UNI 7013/8a-72
16	MECHANICAL SEAL	CARBON/CARBORUNDUM - PTFE CARBORUNDUM/ CARBORUNDUM - VITON CARBON/CARBORUNDUM - VITON

DAB PUMPS reserves the right to make modifications without notice

NKM-G - STANDARDISED ENBLOC - 4 POLES

CAST IRON IMPELLER
≅ 1450 1/min

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA																					
		VOLTAGE 50 Hz	P2 NOMINAL		In (A)		Q=m³h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114
			kW	HP	230V	400V	Q=l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900
NKM-G 32-125.1/140/A/BAQE/0.25/4	1D1K11BX3	3 x 230 - 400 V ~	0.25	0.33	1,56	0,9		6.2	5.8	4.2															
NKM-G 32-125/142/A/BAQE/ 0.37/4	1D1111B13	3 x 230 - 400 V ~	0.37	0.5	1,69	1,0		7	6.75	5.85	4.2														
NKM-G 32-160.1 169/A/BAQE/0.37/4	1D1L11B13	3 x 230 - 400 V ~	0.37	0.5	1,69	1,0		8.9	8.2	4.6															
NKM-G 32-160/169/A/BAQE/0,55/4	1D1211B23	3 x 230 - 400 V ~	0.55	0.75	2,60	1,5		9.4	9	7.9	5.6														
NKM-G 32-200.1 200/A/BAQE/0,55/4	1D1M11B23	3 x 230 - 400 V ~	0.55	0.75	2,60	1,5		12.7	11.2	7.2															
NKM-G 32-200/200/A/BAQE/ 0,75/4	1D1311B3C	3 x 230 - 400 V ~	0.75	1	3,57	2,1		13	12.5	11.1	8.45														
NKM-G 32-200/219/A/BAQE/ 1,1 /4	1D1311B4C	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7		16	15.4	14.3	12.2														
NKM-G 40-125/115/A/BAQE/ 0.25/4	1D2111BX3	3 x 230 - 400 V ~	0.25	0.33	1,56	0,9		4.2	4.1	3.7	3	2.1													
NKM-G 40-125/130/A/BAQE/ 0.37/4	1D2111B13	3 x 230 - 400 V ~	0.37	0.5	1,69	1,0		5.4	5.3	5.	4.4	3.5													
NKM-G 40-125/142/A/BAQE/ 0.55/4	1D2111B23	3 x 230 - 400 V ~	0.55	0.75	2,60	1,5		6.6	6.5	6.2	5.7	4.8													
NKM-G 40-160/153/A/BAQE/ 0.55/4	1D2211B23	3 x 230 - 400 V ~	0.55	0.75	2,60	1,5		7.6	7.6	7.5	6.7	5.5													
NKM-G 40-160/166/A/BAQE/ 0.75/4	1D2211B3C	3 x 230 - 400 V ~	0.75	1	3,57	2,1		9.2	9.2	9	8.4	7.4	5.7												
NKM-G 40-200/200/A/BAQE/ 1,1 /4	1D2311B4C	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7		12.5	12.5	12.3	11.2	9.7	7.7												
NKM-G 40-200/219/A/BAQE/ 1,5 /4	1D2311B5C	3 x 230 - 400 V ~	1.5	2	6,24	3,6		15.6	15.6	15.3	14.7	13.4	11.8	9.8											
NKM-G 40-250/245/A/BAQE/ 2,2 /4	1D2411B6C	3 x 230 - 400 V ~	2.2	3	8,75	5,1		20.6	20.5	20.1	19.2	17.8	16												
NKM-G 40-250/260/A/BAQE/ 3 /4	1D2411B7D	3 x 400 V ~	3	4	-	6,3		23.3	23.1	22.8	22.2	20.8	19												
NKM-G 50-125/130/A/BAQE/ 0.55/4	1D3111B2C	3 x 230 - 400 V ~	0.55	0.75	2,60	1,5	H (m)	5.5		5.2	5	4.7	4.3	3.9	3.3	2.6									
NKM-G 50-125/141/A/BAQE/ 0.75/4	1D3111B3C	3 x 230 - 400 V ~	0.75	1	3,57	2,1		6.5		6.3	6.1	5.8	5.5	5	4.5	3.9									
NKM-G 50-160/161/A/BAQE/ 1.1 /4	1D3211B4C	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7		8.6		8.6	8.5	8.2	7.8	7.3	6.7	5.7									
NKM-G 50-160/177/A/BAQE/ 1,5 /4	1D3211B5C	3 x 230 - 400 V ~	1.5	2	6,24	3,6		10.7		10.7	10.7	10.5	10.2	9.8	9.2	8.3									
NKM-G 50-200/210/A/BAQE/ 2,2 /4	1D3311B6C	3 x 230 - 400 V ~	2.2	3	8,75	5,1		15.3		15.3	15.2	14.8	14	13.3	12.1	10.8	9.4								
NKM-G 50-200/219/A/BAQE/ 3 /4	1D3311B7D	3 x 400 V ~	3	4	-	6,3		16.8		16.8	16.5	16.1	15.5	14.6	13.6	12.4	10.9								
NKM-G 50-250/263/A/BAQE/ 4 /4	1D3411B8D	3 x 400 V ~	4	5.5	-	8,0		23.8		23.8	23.8	23.4	22.7	21.6	20.4	19	17.1								
NKM-G 65-125/130/A/BAQE/ 0.75/4	1D4111B3C	3 x 230 - 400 V ~	0.75	1	3,57	2,1		5.1		4.9	4.8	4.75	4.7	4.4	4.2	3.8	3.4	3	2.5						
NKM-G 65-125/144/A/BAQE/ 1.1 /4	1D4111B4C	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7		6.5		6.4	6.4	6.3	6.2	6	5.75	5.5	5.1	4.65	4.2	3.75					
NKM-G 65-160/153/A/BAQE/ 1,1 /4	1D4211B4C	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7		7.4		7.4	7.3	7.15	6.9	6.65	6.25	5.8	5.3	4.4							
NKM-G 65-160/165/A/BAQE/ 1,5 /4	1D4211B5C	3 x 230 - 400 V ~	1.5	2	6,24	3,6		8.9			8.8	8.7	8.6	8.3	8	7.6	7.15	6.6	6						
NKM-G 65-160/177/A/BAQE/ 2,2 /4	1D4211B6C	3 x 230 - 400 V ~	2.2	3	8,75	5,1		10.5				10.4	10.3	10.2	9.9	9.6	9.2	8.75	8.2	7.4	6.6				
NKM-G 65-200/210/A/BAQE/ 3 /4	1D4311B7D	3 x 400 V ~	3	4	-	6,3		15.3				15.2	15.2	15.1	14.6	14.1	13.5	12.9	12.2	11.3					
NKM-G 65-200/219/A/BAQE/ 4 /4	1D4311B8D	3 x 400 V ~	4	5.5	-	8,0		17				17	16.9	16.8	16.4	16.2	15.8	15.2	14.3	13.8	12.6				
NKM-G 65-250/263/A/BAQE/ 5,5 /4	1D4511B9D	3 x 400 V ~	5.5	7.5	-	10,6		24.1				23.8	23.6	23.3	22.8	22.3	21.5	20.8	19.7	18.6	17.3				
NKM-G 65-315/279/A/BAQE/ 7,5 /4	1D4511BAD	3 x 400 V ~	7.5	10	-	14,2		27							26	25.5	25	24.5	23.6	22.7	21.5	20.2	19		
NKM-G 65-315/309/A/BAQE/11 /4	1D4511BBD	3 x 400 V ~	11	15	-	21,6		34.2							33.2	33	32.5	32	31.5	30.7	29.8	29	28	25	21.7

NKM-G - STANDARDISED ENBLOC - 4 POLES

CAST IRON IMPELLER

≅ 1450 1/min

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA																															
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		Q=m³h	0	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240	270	300	330	360	390	420							
			kW	HP	230V	400V	Q=l/min	0	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000							
NKM-G 80-160/153-136/A/BAQE/1.5/4	1D5211B5C	3 x 230 - 400 V ~	1.5	2	6,24	3,6		6.5	6.35	6.3	6.2	5.95	5.75	5.55	5.3	5	4.7	4.5	4.25	3.65	3																	
NKM-G 80-160/163/A/BAQE/ 2,2 /4	1D5211B6C	3 x 230 - 400 V ~	2.2	3	8,75	5,1		8.65	8.5	8.45	8.3	8.15	7.9	7.7	7.4	7.2	6.9	6.65	6.3	5.7	4.9	4.6																
NKM-G 80-160/177/A/BAQE/ 3 /4	1D5211B7D	3 x 400 V ~	3	4	-	6,3		10.2	10.2	10.1	10	9.9	9.75	9.65	9.5	9.25	9	8.8	8.6	7.9	7.2	6.7																
NKM-G 80-200/200/A/BAQE/ 4 /4	1D5311B8D	3 x 400 V ~	4	5.5	-	8,0		13.2			13.1	13	12.9	12.8	12.7	12.4	12	11.7	11.3	10.4	9.3	8.7																
NKM-G 80-200/222/A/BAQE/ 5,5 /4	1D5311B9D	3 x 400 V ~	5.5	7.5	-	10,6		16.6			16.5	16.5	16.4	16.2	16.1	16	15.7	15.4	15	14.3	13.3	12.7																
NKM-G 80-250/240/A/BAQE/ 7,5 /4	1D5411BAD	3 x 400 V ~	7.5	10	-	14,2		20.4			20.3	20.3	20.2	20.1	20	19.9	19.8	19.5	19	18	16.7	16																
NKM-G 80-250/270/A/BAQE/11 /4	1D5411BBD	3 x 400 V ~	11	15	-	21,6		25.6			25.5	25.5	25.4	25.1	25	24.8	24.6	24.2	24	23	21.5	21																
NKM-G 80-315/305/A/BAQE/15 /4	1D5511BCD	3 x 400 V ~	15	20	-	29,0		32.9					32.7	32.6	32.6	32.5	32.4	32	31.6	30.5	29.5	28.9	24															
NKM-G 80-315/320/A/BAQE/18,5 /4	1D5511BDD	3 x 400 V ~	18.5	25	-	33,0		36.8					36.7	36.7	36.6	36.5	36.5	36.5	36.1	35.5	34.5	34	29.5															
NKM-G 80-315/334/A/BAQE/22 /4	1D5511BED	3 x 400 V ~	22	30	-	40,0		41					40.8	40.8	40.7	40.6	40.6	40.4	40.2	39.8	39	38.5	34.8	29														
NKM-G100-200/200/A/BAQE/ 5.5 /4	1D6311B9D	3 x 400 V ~	5.5	7.5	-	10,6	H (m)	12.7						12.6	12.6	12.5	12.5	12.4	12.3	12	11.5	11.4	10.1	8.5														
NKM-G100-200/214/A/BAQE/ 7.5 /4	1D6311BAD	3 x 400 V ~	7.5	10	-	14,2		15.6						15.4	15.4	15.3	15.2	15.1	15	14.7	14.5	14.3	13.3	11.6	9.8													
NKM-G100-250/250/A/BAQE/11 /4	1D6411BBD	3 x 400 V ~	11	15	-	21,6		21.1						21	21	21	21	21	21	20.9	20	19.8	18	16														
NKM-G100-250/270/A/BAQE/15 /4	1D6411BCD	3 x 400 V ~	15	20	-	29,0		25.5						25.5	25.5	25.5	25.3	25.1	25.1	25	24.5	24	22.5	20.5	17.5													
NKM-G100-315/300/A/BAQE/18.4 /4	1D6511BDD	3 x 400 V ~	18.5	25	-	33,0		32										31.5	31.4	31	30.5	28.8	26	23														
NKM-G100-315/316/A/BAQE/22 /4	1D6511BED	3 x 400 V ~	22	30	-	40,0		36										35.5	35.2	35	34.6	33.2	31	28	24													
NKM-G125-250/243/A/BAQE/15 /4	1D7411BCD	3 x 400 V ~	15	20	-	29,0		19.5												19.3	19.3	19.2	19.2	18.7	17.8	16.8	15.5	14.1	12.5	10.9								
NKM-G125-250/256/A/BAQE/18,5/4	1D7411BDD	3 x 400 V ~	18.5	25	-	33,0		21.9												21.8	21.8	21.7	21.6	21.3	20.5	19.5	18.5	17.2	15.6	14	12							
NKM-G125-250/266/A/BAQE/22/4	1D7411BED	3 x 400 V ~	22	30	-	40,0		24.6												24.4	24.2	24.1	24	23.5	22.9	22	21	19.8	18.5	16.7	15							
NKM-G150-200/218/A/BAQE/11 /4	1D8311BBD	3 x 400 V ~	11	15	-	21,6		13.2												13.1	13	13	12.8	12.5	12.1	11.5	11	10.4	9.7	9	8	7						

DAB PUMPS reserves the right to make modifications without notice

NKM-G - STANDARDISED ENBLOC - 4 POLES

BRONZE IMPELLER
≅ 1450 1/min

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA																					
		VOLTAGE 50 Hz	P2 NOMINAL		In (A)		Q=m³h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114
			kW	HP	230V	400V	Q=l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900
NKM-G 32-125.1/140/B/BAQE /0.25/4	1D1K21BX3	3 x 230 - 400 V ~	0.25	0.33	1,56	0,9		6.2	5.8	4.2																		
NKM-G 32-125/142/B/BAQE / 0.37/4	1D1121B13	3 x 230 - 400 V ~	0.37	0.5	1,69	1,0		7	6.75	5.85	4.2																	
NKM-G 32-160.1169/B/BAQE /0.37/4	1D1L21B13	3 x 230 - 400 V ~	0.37	0.5	1,69	1,0		8.9	8.2	4.6																		
NKM-G 32-160/169/B/BAQE /0,55/4	1D1221B23	3 x 230 - 400 V ~	0.55	0.75	2,60	1,5		9.4	9	7.9	5.6																	
NKM-G 32-200.1200/B/BAQE /0,55/4	1D1M21B23	3 x 230 - 400 V ~	0.55	0.75	2,60	1,5		12.7	11.2	7.2																		
NKM-G 32-200/200/B/BAQE / 0,75/4	1D1321B3C	3 x 230 - 400 V ~	0.75	1	3,57	2,1		13	12.5	11.1	8.45																	
NKM-G 32-200/219/B/BAQE / 1,1 /4	1D1321B4C	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7		16	15.4	14.3	12.2																	
NKM-G 40-125/115/B/BAQE / 0.25/4	1D2121BX3	3 x 230 - 400 V ~	0.25	0.33	1,56	0,9		4.2	4.1	3.7	3	2.1																
NKM-G 40-125/130/B/BAQE / 0.37/4	1D2121B13	3 x 230 - 400 V ~	0.37	0.5	1,69	1,0		5.4	5.3	5.	4.4	3.5																
NKM-G 40-125/142/B/BAQE / 0.55/4	1D2121B23	3 x 230 - 400 V ~	0.55	0.75	2,60	1,5		6.6	6.5	6.2	5.7	4.8																
NKM-G 40-160/153/B/BAQE / 0.55/4	1D2221B23	3 x 230 - 400 V ~	0.55	0.75	2,60	1,5		7.6	7.6	7.5	6.7	5.5																
NKM-G 40-160/166/B/BAQE / 0.75/4	1D2221B3C	3 x 230 - 400 V ~	0.75	1	3,57	2,1		9.2	9.2	9	8.4	7.4	5.7															
NKM-G 40-200/200/B/BAQE / 1,1 /4	1D2321B4C	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7		12.5	12.5	12.3	11.2	9.7	7.7															
NKM-G 40-200/219/B/BAQE / 1,5 /4	1D2321B5C	3 x 230 - 400 V ~	1.5	2	6,24	3,6		15.6	15.6	15.3	14.7	13.4	11.8	9.8														
NKM-G 40-250/245/B/BAQE / 2,2 /4	1D2421B6C	3 x 230 - 400 V ~	2.2	3	8,75	5,1		20.6	20.5	20.1	19.2	17.8	16															
NKM-G 40-250/260/B/BAQE / 3 /4	1D2421B7D	3 x 400 V ~	3	4	-	6,3		23.3	23.1	22.8	22.2	20.8	19															
NKM-G 50-125/130/B/BAQE / 0.55/4	1D3121B23	3 x 230 - 400 V ~	0.55	0.75	2,60	1,5	H (m)	5.5		5.2	5	4.7	4.3	3.9	3.3	2.6												
NKM-G 50-125/141/B/BAQE / 0.75/4	1D3121B3C	3 x 230 - 400 V ~	0.75	1	3,57	2,1		6.5		6.3	6.1	5.8	5.5	5	4.5	3.9												
NKM-G 50-160/161/B/BAQE / 1.1 /4	1D3221B4C	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7		8.6		8.6	8.5	8.2	7.8	7.3	6.7	5.7												
NKM-G 50-160/177/B/BAQE / 1,5 /4	1D3221B5C	3 x 230 - 400 V ~	1.5	2	6,24	3,6		10.7		10.7	10.7	10.5	10.2	9.8	9.2	8.3												
NKM-G 50-200/210/B/BAQE / 2,2 /4	1D3321B6C	3 x 230 - 400 V ~	2.2	3	8,75	5,1		15.3		15.3	15.2	14.8	14	13.3	12.1	10.8	9.4											
NKM-G 50-200/219/B/BAQE / 3 /4	1D3321B7D	3 x 400 V ~	3	4	-	6,3		16.8		16.8	16.5	16.1	15.5	14.6	13.6	12.4	10.9											
NKM-G 50-250/263/B/BAQE / 4 /4	1D3421B8D	3 x 400 V ~	4	5.5	-	8,0		23.8		23.8	23.8	23.4	22.7	21.6	20.4	19	17.1											
NKM-G 65-125/130/B/BAQE / 0.75/4	1D4121B3C	3 x 230 - 400 V ~	0.75	1	3,57	2,1		5.1		4.9	4.8	4.75	4.7	4.4	4.2	3.8	3.4	3	2.5									
NKM-G 65-125/144/B/BAQE / 1.1 /4	1D4121B4C	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7		6.5		6.4	6.4	6.3	6.2	6	5.75	5.5	5.1	4.65	4.2	3.75								
NKM-G 65-160/153/B/BAQE / 1,1 /4	1D4221B4C	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7		7.4		7.4	7.3	7.15	6.9	6.65	6.25	5.8	5.3	4.4										
NKM-G 65-160/165/B/BAQE / 1,5 /4	1D4221B5C	3 x 230 - 400 V ~	1.5	2	6,24	3,6		8.9			8.8	8.7	8.6	8.3	8	7.6	7.15	6.6	6								
NKM-G 65-160/177/B/BAQE / 2,2 /4	1D4221B6C	3 x 230 - 400 V ~	2.2	3	8,75	5,1		10.5				10.4	10.3	10.2	9.9	9.6	9.2	8.75	8.2	7.4	6.6							
NKM-G 65-200/210/B/BAQE / 3 /4	1D4321B7D	3 x 400 V ~	3	4	-	6,3		15.3				15.2	15.2	15.1	14.6	14.1	13.5	12.9	12.2	11.3								
NKM-G 65-200/219/B/BAQE / 4 /4	1D4321B8D	3 x 400 V ~	4	5.5	-	8,0		17				17	16.9	16.8	16.4	16.2	15.8	15.2	14.3	13.8	12.6							
NKM-G 65-250/263/B/BAQE / 5,5 /4	1D4421B9D	3 x 400 V ~	5.5	7.5	-	10,6		24.1				23.8	23.6	23.3	22.8	22.3	21.5	20.8	19.7	18.6	17.3							
NKM-G 65-315/279/B/BAQE / 7,5 /4	1D4521BAD	3 x 400 V ~	7.5	10	-	14,2		27							26	25.5	25	24.5	23.6	22.7	21.5	20.2	19					
NKM-G 65-315/309/B/BAQE /11 /4	1D4521BBD	3 x 400 V ~	11	15	-	21,6		34.2							33.2	33	32.5	32	31.5	30.7	29.8	29	28	25	21.7

NKM-G - STANDARDISED ENBLOC - 4 POLES

BRONZE IMPELLER
≅ 1450 1/min

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA																												
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		Q=m³h	0	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240	270	300	330	360	390	420				
			kW	HP	230V	400V	Q=l/min	0	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000				
NKM-G 80-160/153-136/B/BAQE/1.5/4	1D5221B5C	3 x 230 - 400 V ~	1.5	2	6,24	3,6		6.5	6.35	6.3	6.2	5.95	5.75	5.55	5.3	5	4.7	4.5	4.25	3.65	3														
NKM-G 80-160/163/B/BAQE / 2,2 /4	1D5221B6C	3 x 230 - 400 V ~	2.2	3	8,75	5,1		8.65	8.5	8.45	8.3	8.15	7.9	7.7	7.4	7.2	6.9	6.65	6.3	5.7	4.9	4.6													
NKM-G 80-160/177/B/BAQE / 3 /4	1D5221B7D	3 x 400 V ~	3	4	-	6,3		10.2	10.2	10.1	10	9.9	9.75	9.65	9.5	9.25	9	8.8	8.6	7.9	7.2	6.7													
NKM-G 80-200/200/B/BAQE / 4 /4	1D5321B8D	3 x 400 V ~	4	5.5	-	8,0		13.2			13.1	13	12.9	12.8	12.7	12.4	12	11.7	11.3	10.4	9.3	8.7													
NKM-G 80-200/222/B/BAQE / 5,5 /4	1D5321B9D	3 x 400 V ~	5.5	7.5	-	10,6		16.6			16.5	16.5	16.4	16.2	16.1	16	15.7	15.4	15	14.3	13.3	12.7													
NKM-G 80-250/240/B/BAQE / 7,5 /4	1D5421BAD	3 x 400 V ~	7.5	10	-	14,2		20.4			20.3	20.3	20.2	20.1	20	19.9	19.8	19.5	19	18	16.7	16													
NKM-G 80-250/270/B/BAQE /11 /4	1D5421BBD	3 x 400 V ~	11	15	-	21,6		25.6			25.5	25.5	25.4	25.1	25	24.8	24.6	24.2	24	23	21.5	21													
NKM-G 80-315/305/B/BAQE /15 /4	1D5521BCD	3 x 400 V ~	15	20	-	29,0		32.9					32.7	32.6	32.6	32.5	32.4	32	31.6	30.5	29.5	28.9	24												
NKM-G 80-315/320/B/BAQE /18,5 /4	1D5521BDD	3 x 400 V ~	18.5	25	-	33,0		36.8					36.7	36.7	36.6	36.5	36.5	36.5	36.1	35.5	34.5	34	29.5												
NKM-G 80-315/334/B/BAQE /22/4	1D5521BED	3 x 400 V ~	22	30	-	40,0		41					40.8	40.8	40.7	40.6	40.6	40.4	40.2	39.8	39	38.5	34.8	29											
NKM-G100-200/200/B/BAQE /5.5 /4	1D6321B9D	3 x 400 V ~	5.5	7.5	-	10,6	H (m)	12.7						12.6	12.6	12.5	12.5	12.4	12.3	12	11.5	11.4	10.1	8.5											
NKM-G100-200/214/B/BAQE / 7.5 /4	1D6321BAD	3 x 400 V ~	7.5	10	-	14,2		15.6						15.4	15.4	15.3	15.2	15.1	15	14.7	14.5	14.3	13.3	11.6	9.8										
NKM-G100-250/250/B/BAQE /11 /4	1D6421BBD	3 x 400 V ~	11	15	-	21,6		21.1						21	21	21	21	21	21	20.9	20	19.8	18	16											
NKM-G100-250/270/B/BAQE /15 /4	1D6421BCD	3 x 400 V ~	15	20	-	29,0		25.5						25.5	25.5	25.5	25.3	25.1	25.1	25	24.5	24	22.5	20.5	17.5										
NKM-G100-315/300/B/BAQE /18.5 /4	1D6521BDD	3 x 400 V ~	18.5	25	-	33,0		32										31.5	31.4	31	30.5	28.8	26	23											
NKM-G100-315/316/B/BAQE /22 /4	1D6521BED	3 x 400 V ~	22	30	-	40,0		36										35.5	35.2	35	34.6	33.2	31	28	24										
NKM-G125-250/243/B/BAQE /15 /4	1D7421BCD	3 x 400 V ~	15	20	-	29,0		19.5												19.3	19.3	19.2	19.2	18.7	17.8	16.8	15.5	14.1	12.5	10.9					
NKM-G125-250/256/B/BAQE /18,5 /4	1D7421BDD	3 x 400 V ~	18.5	25	-	33,0		21.9												21.8	21.8	21.7	21.6	21.3	20.5	19.5	18.5	17.2	15.6	14	12			
NKM-G125-250/266/B/BAQE /22 /4	1D7421BED	3 x 400 V ~	22	30	-	40,0		24.6												24.4	24.2	24.1	24	23.5	22.9	22	21	19.8	18.5	16.7	15			
NKM-G150-200/218/B/BAQE /11 /4	1D8321BBD	3 x 400 V ~	11	15	-	21,6		13.2												13.1	13	13	12.8	12.5	12.1	11.5	11	10.4	9.7	9	8	7		

DAB PUMPS reserves the right to make modifications without notice

NKP-G - STANDARDISED ENBLOC - 2 POLES

CAST IRON IMPELLER
≅ 2900 1/min

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA												
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		Q=m³h	0	6	12	18	24	30	36	42	48	54	60	66	72
			kW	HP	230V	400V	Q=l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200
NKP-G 32-125.1/ 102/A/BAQE/0.75/2	1D1K11B3A	3 x 230 - 400 V ~	0,75	1	2,81	1,6		13	12.5	11	8									
NKP-G 32-125.1/ 115/A/BAQE/1.1/2	1D1K11B4A	3 x 230 - 400 V ~	1,1	1.5	4,09	2,4		17.2	17	15	12.5									
NKP-G 32-125.1/ 125/A/BAQE/1.5/2	1D1K11B5A	3 x 230 - 400 V ~	1,5	2	5,80	3,4		21	20.8	19	16.8									
NKP-G 32-125.1/ 140/A/BAQE/2.2/2	1D1K11B6A	3 x 230 - 400 V ~	2,2	3	8,23	4,8		27	26.9	25.9	23	19.5								
NKP-G 32-125/110/ A/BAQE/1.1/2	1D1111B4A	3 x 230 - 400 V ~	1,1	1.5	4,09	2,4		15.8	15.2	14.5	12.9	9.9								
NKP-G 32-125/120/ A/BAQE/1.5/2	1D1111B5A	3 x 230 - 400 V ~	1,5	2	5,80	3,4		19.3	18.9	18.2	16.8	14.5								
NKP-G 32-125/130/ A/BAQE/2.2/2	1D1111B6A	3 x 230 - 400 V ~	2,2	3	8,23	4,8		23.6	23.1	23	21.6	19.6	16.8							
NKP-G 32-125/142/ A/BAQE/3/2	1D1111B7B	3 x 400 V ~	3,0	4	-	5,9		28.6	28	27.6	26.5	24.6	21.8	17.9						
NKP-G 32-160.1 155/A/BAQE/2.2/2	1D1L11B6A	3 x 230 - 400 V ~	2,2	3	8,23	4,8		29.2	29	26,5	20,5									
NKP-G 32-160.1 166/A/BAQE /3/2	1D1L11B7B	3 x 400 V ~	3,0	4	-	5,9		35.3	35	33	28									
NKP-G 32-160/151/ A/BAQE/3/2	1D1211B7B	3 x 400 V ~	3,0	4	-	5,9		30.5	30	29	27	24	19.5							
NKP-G 32-160/163/ A/BAQE/4/2	1D1211B8B	3 x 400 V ~	4,0	5.5	-	8,1		36.2	36	35	33.5	30.5	27	22						
NKP-G 32-160/177/ A/BAQE/5,5/2	1D1211B9B	3 x 400 V ~	5,5	7.5	-	10,4		43.5	43.2	42.6	41.5	39	36	31.5	25.5					
NKP-G 32-200.1 188/A/BAQE/4/2	1D1M11B8B	3 x 400 V ~	4,0	5.5	-	8,1	H (m)	45.3	44.4	40.8	34.4	26.8								
NKP-G 32-200.1 205/A/BAQE/5,5/2	1D1M11B9B	3 x 400 V ~	5,5	7.5	-	10,4		56.6	55.7	52	45.8	36.2								
NKP-G 32-200/190/ A/BAQE/5.5/2	1D1311B9B	3 x 400 V ~	5,5	7.5	-	10,4		46.9	46.5	45	43	40	35	29						
NKP-G 32-200/210/ A/BAQE/7.5/2	1D1311BAB	3 x 400 V ~	7,5	10	-	14,0		58.8	58	57	56	53	49	44						
NKP-G 40-125/107/ A/BAQE/1.5/2	1D2111B5A	3 x 230 - 400 V ~	1,5	2	5,80	3,4		14.7	14.5	14.3	13.8	13	11.8	10.5	8.6	7				
NKP-G 40-125/120/ A/BAQE/2.2/2	1D2111B6A	3 x 230 - 400 V ~	2,2	3	8,23	4,8		19	18.7	18.4	17.8	17	15.9	14.6	13	11				
NKP-G 40-125/130/ A/BAQE/3/2	1D2111B7B	3 x 400 V ~	3,0	4	-	5,9		22.8	22.5	22.3	22	21.2	20.2	19	17.4	15.5	13.5			
NKP-G 40-125/139/ A/BAQE/4/2	1D2111B8B	3 x 400 V ~	4,0	5.5	-	8,1		26.4	26.2	26	25.6	25	24	23	21.5	19.5	17.5	15		
NKP-G 40-160/158/ A/BAQE/5,5/2	1D2211B9B	3 x 400 V ~	5,5	7.5	-	10,4		33.7			34	33.4	32.4	31	29.5	27	24			
NKP-G 40-160/172/ A/BAQE/7,5/2	1D2211BAB	3 x 400 V ~	7,5	10	-	14,0		40.7			40.2	40.1	39.8	38.5	37.5	35.5	33	30	26.5	
NKP-G 40-200/210/ A/BAQE/11/2	1D2311BBB	3 x 400 V ~	11,0	15	-	20,2		57.1	57	57	56.8	56.5	56	55	53	50	47	43.5	39	
NKP-G 40-250/230/ A/BAQE/15/2	1D2411BCB	3 x 400 V ~	15,0	20	-	27,0		72.5			72.5	72	70	68	66	62.5	60	56	51.5	
NKP-G 40-250/245/ A/BAQE/18.5/2	1D2411BDB	3 x 400 V ~	18,5	25	-	33,0		83			83	82.5	81.5	80	77	74	71.5	67.5	63.5	58.5
NKP-G 40-250/260/ A/BAQE/22/2	1D2411BEB	3 x 400 V ~	22,0	30	-	39,5		96			95	94.5	93.5	92	90	87.5	84	81	76.5	71.5

NKP-G - STANDARDISED ENBLOC - 2 POLES

CAST IRON IMPELLER
≅ 2900 1/min

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA																				
		VOLTAGE 50 Hz	P2 NOMINAL		In	Q=m³h	0	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240
			kW	HP	A	Q=l/min	0	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000
NKP-G 50-125/115/A/BAQE/3/2	1D3111B7B	3 x 400 V ~	3,0	4	5,9	H (m)	17	16.5	16	15.5	15	14.5	13.7	13	12	11	10	9								
NKP-G 50-125/125/A/BAQE/4/2	1D3111B8B	3 x 400 V ~	4,0	5.5	8,1		20.5	20	19.5	19.1	18.5	18	17.5	16.5	15.8	14.8	14	12.5	11.5							
NKP-G 50-125/135/A/BAQE/5,5/2	1D3111B9B	3 x 400 V ~	5,5	7.5	10,4		24	23.6	23.5	23.2	22.8	22.2	21.5	21	20	19.1	18.5	17.5	16.5	13.4						
NKP-G 50-125/144/A/BAQE/7,5/2	1D3111BAB	3 x 400 V ~	7,5	10	14,0		28	27.8	27.5	27.3	27	26.5	25.8	25.3	24.5	23.5	23	21.5	20.5	18	15.5					
NKP-G 50-160/153/A/BAQE/7.5/2	1D3211BAB	3 x 400 V ~	7,5	10	14,0		31.9	31.5	31.5	31.5	31.2	31	30.5	29.5	28.5	27.5	26	25	23.5							
NKP-G 50-160/169/A/BAQE/11/2	1D3211BBB	3 x 400 V ~	11,0	15	20,2		39.6		39.5	39.3	39.1	39	38.5	38	37.2	36.5	35	34	32.5							
NKP-G 50-200/200/A/BAQE/15/2	1D3311BCB	3 x 400 V ~	15,0	20	27,0		55.1		54.7	54.6	54	53.5	52	51	49	47.5	45.5	43	41							
NKP-G 50-200/210/A/BAQE/18,5/2	1D3311BDB	3 x 400 V ~	18,5	25	33,0		61.7		61.7	61.6	61.5	60.5	59	58	56.5	55	53	51	48.5	43						
NKP-G 50-200/219/A/BAQE/22/2	1D3311BEB	3 x 400 V ~	22,0	30	39,5		67.7		67.5	67.4	66.5	66	65.5	64	62.5	61	59.5	57	55	50						
NKP-G 50-250/230/A/BAQE/22/2	1D3411BEB	3 x 400 V ~	22,0	30	39,5		73.6		73.2	73.1	72.8	72	71	68.5	67	65	62.5	60	57	49						
NKP-G 50-250/257/A/BAQE/30/2	1D3411BFB	3 x 400 V ~	30,0	40	52,0		93		92.5	92.3	92	91.5	91	89	87.5	86	83	81	78	72						
NKP-G 65-125/120-110/A/BAQE/4/2	1D4111B8B	3 x 400 V ~	4,0	5.5	8,1		16			15	14.6	14.2	13.7	13.3	12.8	12.3	12	11.4	10	8.5	8					
NKP-G 65-125/127/A/BAQE/5,5/2	1D4111B9B	3 x 400 V ~	5,5	7.5	10,4		19.5			19	18.9	18.7	18.4	18.1	17.5	17.2	16.9	16.5	15.8	14.5	13	12				
NKP-G 65-125/137/A/BAQE/7,5/2	1D4111BAB	3 x 400 V ~	7,5	10	14,0		23.5			23.1	23	22.8	22.6	22.5	22	21.6	21.1	20.7	20.2	19	17.5	14.8	12			
NKP-G 65-160/157/E1287A/BAQE/1/2	1D4211BBB	3 x 400 V ~	11,0	15	20,2		32.5					32.3	32	31.9	31.3	30.2	30	29.2	28.7	27	24.8	23.6				
NKP-G 65-160/173/A/BAQE/15/2	1D4211BCB	3 x 400 V ~	15,0	20	27,0		40.1					39.7	39.6	39.5	39.5	39	38.5	38.2	37.5	36	34.5	33.5	26.9			
NKP-G 65-200/190/A/BAQE/18,5/2	1D4311BDB	3 x 400 V ~	18,5	25	33,0		51.1					51	50.8	50.5	50	49	48.5	48	47.5	45	42.5	41				
NKP-G 65-200/200/A/BAQE/22/2	1D4311BEB	3 x 400 V ~	22,0	30	39,5		56.4					56.1	56.1	56	55.8	55.5	55	54.8	54.5	53	51	49				
NKP-G 65-200/219/A/BAQE/30/2	1D4311BFB	3 x 400 V ~	30,0	40	52,0		68.9					68.8	68.8	68.7	68.7	68.6	68.5	68.4	67.5	66	64	63.1	57			
NKP-G 80-160/147-127/A/BAQE/11/2	1D5211BBB	3 x 400 V ~	11,0	15	20,2		24												22	21.4	20.4	20	17.4	16.8	12	
NKP-G 80-160/153/A/BAQE/15/2	1D5211BCB	3 x 400 V ~	15,0	20	27,0		30.5												29	28.4	27.5	27	24.5	21.3	18.3	
NKP-G 80-160/163/A/BAQE/18,5/2	1D5211BDB	3 x 400 V ~	18,5	25	33,0		35.5												34.3	33.6	32.6	32.3	29.8	26.8	23.6	20
NKP-G 80-160/169/A/BAQE/22/2	1D5211BEB	3 x 400 V ~	22,0	30	39,5		38.5												37.2	36.8	36	35.8	33.5	30.8	27.5	24
NKP-G 80-200/190/A/BAQE/30/2	1D5311BFB	3 x 400 V ~	30,0	40	52,0		48.3												47.9	47.6	47.5	47.3	44.7	41	36	29

DAB PUMPS reserves the right to make modifications without notice

NKP-G - STANDARDISED ENBLOC - 2 POLES

BRONZE IMPELLER
≅ 2900 1/min

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA												
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		Q=m³h	0	6	12	18	24	30	36	42	48	54	60	66	72
			kW	HP	230V	400V	Q=l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200
NKP-G 32-125.1/ 102/B/BAQE/0.75/2	1D1K21B3A	3 x 230 - 400 V ~	0,75	1	2,81	1,6		13	12.5	11	8									
NKP-G 32-125.1/ 115/B/BAQE/1.1/2	1D1K21B4A	3 x 230 - 400 V ~	1,1	1.5	4,09	2,4		17.2	17	15	12.5									
NKP-G 32-125.1/ 125/B/BAQE/1.5/2	1D1K21B5A	3 x 230 - 400 V ~	1,5	2	5,80	3,4		21	20.8	19	16.8									
NKP-G 32-125.1/ 140/B/BAQE/2.2/2	1D1K21B6A	3 x 230 - 400 V ~	2,2	3	8,23	4,8		27	26.9	25.9	23	19.5								
NKP-G 32-125/110/ B/BAQE/1.1/2	1D1121B4A	3 x 230 - 400 V ~	1,1	1.5	4,09	2,4		15.8	15.2	14.5	12.9	9.9								
NKP-G 32-125/120/ B/BAQE/1.5/2	1D1121B5A	3 x 230 - 400 V ~	1,5	2	5,80	3,4		19.3	18.9	18.2	16.8	14.5								
NKP-G 32-125/130/ B/BAQE/2.2/2	1D1121B6A	3 x 230 - 400 V ~	2,2	3	8,23	4,8		23.6	23.1	23	21.6	19.6	16.8							
NKP-G 32-125/142/ B/BAQE/3/2	1D1121B7B	3 x 400 V ~	3,0	4		5,9		28.6	28	27.6	26.5	24.6	21.8	17.9						
NKP-G 32-160.1 155/B/BAQE/2.2/2	1D1L21B6A	3 x 230 - 400 V ~	2,2	3	8,23	4,8		29.2	29	26,5	20,5									
NKP-G 32-160.1 166/B/BAQE/3/2	1D1L21B7B	3 x 400 V ~	3,0	4	-	5,9		35.3	35	33	28									
NKP-G 32-160/151/ B/BAQE/3/2	1D1221B7B	3 x 400 V ~	3,0	4	-	5,9		30.5	30	29	27	24	19.5							
NKP-G 32-160/163/ B/BAQE/4/2	1D1221B8B	3 x 400 V ~	4,0	5.5	-	8,1		36.2	36	35	33.5	30.5	27	22						
NKP-G 32-160/177/ B/BAQE/5,5/2	1D1221B9B	3 x 400 V ~	5,5	7.5	-	10,4		43.5	43.2	42.6	41.5	39	36	31.5	25.5					
NKP-G 32-200.1 188/B/BAQE/4/2	1D1M21B8B	3 x 400 V ~	4,0	5.5	-	8,1	H (m)	45.3	44.4	40.8	34.4	26.8								
NKP-G 32-200.1 205/B/BAQE/5,5/2	1D1M21B9B	3 x 400 V ~	5,5	7.5	-	10,4		56.6	55.7	52	45.8	36.2								
NKP-G 32-200/190/ B/BAQE/5.5/2	1D1321B9B	3 x 400 V ~	5,5	7.5	-	10,4		46.9	46.5	45	43	40	35	29						
NKP-G 32-200/210/ B/BAQE/7.5/2	1D1321BAB	3 x 400 V ~	7,5	10	-	14,0		58.8	58	57	56	53	49	44						
NKP-G 40-125/107/ B/BAQE/1.5/2	1D2121B5A	3 x 230 - 400 V ~	1,5	2	5,80	3,4		14.7	14.5	14.3	13.8	13	11.8	10.5	8.6	7				
NKP-G 40-125/120/ B/BAQE/2.2/2	1D2121B6A	3 x 230 - 400 V ~	2,2	3	8,23	4,8		19	18.7	18.4	17.8	17	15.9	14.6	13	11				
NKP-G 40-125/130/ B/BAQE/3/2	1D2121B7B	3 x 400 V ~	3,0	4	-	5,9		22.8	22.5	22.3	22	21.2	20.2	19	17.4	15.5	13.5			
NKP-G 40-125/139/ B/BAQE/4/2	1D2121B8B	3 x 400 V ~	4,0	5.5	-	8,1		26.4	26.2	26	25.6	25	24	23	21.5	19.5	17.5	15		
NKP-G 40-160/158/ B/BAQE/5,5/2	1D2221B9B	3 x 400 V ~	5,5	7.5	-	10,4		33.7			34	33.4	32.4	31	29.5	27	24			
NKP-G 40-160/172/ B/BAQE/7,5/2	1D2221BAB	3 x 400 V ~	7,5	10	-	14,0		40.7			40.2	40.1	39.8	38.5	37.5	35.5	33	30	26.5	
NKP-G 40-200/210/ B/BAQE/11/2	1D2321BBB	3 x 400 V ~	11,0	15	-	20,2		57.1	57	57	56.8	56.5	56	55	53	50	47	43.5	39	
NKP-G 40-250/230/ B/BAQE/15/2	1D2421BCB	3 x 400 V ~	15,0	20	-	27,0		72.5			72.5	72	70	68	66	62.5	60	56	51.5	
NKP-G 40-250/245/ B/BAQE/18.5/2	1D2421BDB	3 x 400 V ~	18,5	25	-	33,0		83			83	82.5	81.5	80	77	74	71.5	67.5	63.5	58.5
NKP-G 40-250/260/ B/BAQE/22/2	1D2421BEB	3 x 400 V ~	22,0	30	-	39,5		96			95	94.5	93.5	92	90	87.5	84	81	76.5	71.5

NKP-G - STANDARDISED ENBLOC - 2 POLES

BRONZE IMPELLER
≅ 2900 1/min

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA																				
		VOLTAGE 50 Hz	P2 NOMINAL		In	Q=m³h	0	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240
			kW	HP	A	Q=l/min	0	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000
NKP-G 50-125/115/B/BAQE/3/2	1D3121B7B	3 x 400 V ~	3,0	4	5,9	H (m)	17	16.5	16	15.5	15	14.5	13.7	13	12	11	10	9								
NKP-G 50-125/125/B/BAQE/4/2	1D3121B8B	3 x 400 V ~	4,0	5.5	8,1		20.5	20	19.5	19.1	18.5	18	17.5	16.5	15.8	14.8	14	12.5	11.5							
NKP-G 50-125/135/B/BAQE/5,5/2	1D3121B9B	3 x 400 V ~	5,5	7.5	10,4		24	23.6	23.5	23.2	22.8	22.2	21.5	21	20	19.1	18.5	17.5	16.5	13.4						
NKP-G 50-125/144/B/BAQE/7,5/2	1D3121BAB	3 x 400 V ~	7,5	10	14,0		28	27.8	27.5	27.3	27	26.5	25.8	25.3	24.5	23.5	23	21.5	20.5	18	15.5					
NKP-G 50-160/153/B/BAQE/7.5/2	1D3221BAB	3 x 400 V ~	7,5	10	14,0		31.9	31.5	31.5	31.5	31.2	31	30.5	29.5	28.5	27.5	26	25	23.5							
NKP-G 50-160/169/B/BAQE/11/2	1D3221BBB	3 x 400 V ~	11,0	15	20,2		39.6		39.5	39.3	39.1	39	38.5	38	37.2	36.5	35	34	32.5							
NKP-G 50-200/200/B/BAQE/15/2	1D3321BCB	3 x 400 V ~	15,0	20	27,0		55.1		54.7	54.6	54	53.5	52	51	49	47.5	45.5	43	41							
NKP-G 50-200/210/B/BAQE/18,5/2	1D3321BDB	3 x 400 V ~	18,5	25	33,0		61.7		61.7	61.6	61.5	60.5	59	58	56.5	55	53	51	48.5	43						
NKP-G 50-200/219/B/BAQE/22/2	1D3321BEB	3 x 400 V ~	22,0	30	39,5		67.7		67.5	67.4	66.5	66	65.5	64	62.5	61	59.5	57	55	50						
NKP-G 50-250/230/B/BAQE/22/2	1D3421BEB	3 x 400 V ~	22,0	30	39,5		73.6		73.2	73.1	72.8	72	71	68.5	67	65	62.5	60	57	49						
NKP-G 50-250/257/B/BAQE/30/2	1D3421BFB	3 x 400 V ~	30,0	40	52,0		93		92.5	92.3	92	91.5	91	89	87.5	86	83	81	78	72						
NKP-G 65-125/120-110/B/BAQE/4/2	1D4121B8B	3 x 400 V ~	4,0	5.5	8,1		16			15	14.6	14.2	13.7	13.3	12.8	12.3	12	11.4	10	8.5	8					
NKP-G 65-125/127/B/BAQE/5,5/2	1D4121B9B	3 x 400 V ~	5,5	7.5	10,4		19.5			19	18.9	18.7	18.4	18.1	17.5	17.2	16.9	16.5	15.8	14.5	13	12				
NKP-G 65-125/137/B/BAQE/7,5/2	1D4121BAB	3 x 400 V ~	7,5	10	14,0		23.5			23.1	23	22.8	22.6	22.5	22	21.6	21.1	20.7	20.2	19	17.5	14.8	12			
NKP-G 65-160/157/B/BAQE/11/2	1D4221BBB	3 x 400 V ~	11,0	15	20,2		32.5					32.3	32	31.9	31.3	30.2	30	29.2	28.7	27	24.8	23.6				
NKP-G 65-160/173/B/BAQE/15/2	1D4221BCB	3 x 400 V ~	15,0	20	27,0		40.1					39.7	39.6	39.5	39.5	39	38.5	38.2	37.5	36	34.5	33.5	26.9			
NKP-G 65-200/190/B/BAQE/18,5/2	1D4321BDB	3 x 400 V ~	18,5	25	33,0		51.1					51	50.8	50.5	50	49	48.5	48	47.5	45	42.5	41				
NKP-G 65-200/200/B/BAQE/22/2	1D4321BEB	3 x 400 V ~	22,0	30	39,5		56.4					56.1	56.1	56	55.8	55.5	55	54.8	54.5	53	51	49				
NKP-G 65-200/219/B/BAQE/30/2	1D4321BFB	3 x 400 V ~	30,0	40	52,0		68.9					68.8	68.8	68.7	68.7	68.6	68.5	68.4	67.5	66	64	63.1	57			
NKP-G 80-160/147-127/BAQE/11/2	1D5221BBB	3 x 400 V ~	11,0	15	20,2		24												22	21.4	20.4	20	17.4	16.8	12	
NKP-G 80-160/153/B/BAQE/15/2	1D5221BCB	3 x 400 V ~	15,0	20	27,0		30.5												29	28.4	27.5	27	24.5	21.3	18.3	
NKP-G 80-160/163/B/BAQE/18,5/2	1D5221BDB	3 x 400 V ~	18,5	25	33,0		35.5												34.3	33.6	32.6	32.3	29.8	26.8	23.6	20
NKP-G 80-160/169/B/BAQE/22/2	1D5221BEB	3 x 400 V ~	22,0	30	39,5		38.5												37.2	36.8	36	35.8	33.5	30.8	27.5	24
NKP-G 80-200/190/B/BAQE/30/2	1D5321BFB	3 x 400 V ~	30,0	40	52,0		48.3												47.9	47.6	47.5	47.3	44.7	41	36	29

DAB PUMPS reserves the right to make modifications without notice

MODEL
NKM-G/NKP-G 32/125.1
NKM-G/NKP-G 32/160.1
NKM-G/NKP-G 32/200.1
NKM-G/NKP-G 32/125
NKM-G/NKP-G 32/160
NKM-G/NKP-G 32/200
NKM-G/NKP-G 40/125
NKM-G/NKP-G 40/160
NKM-G/NKP-G 40/200
NKM-G/NKP-G 40/250
NKM-G/NKP-G 50/125
NKM-G/NKP-G 50/160
NKM-G/NKP-G 50/200
NKM-G/NKP-G 50/250
NKM-G/NKP-G 65/125
NKM-G/NKP-G 65/160
NKM-G/NKP-G 65/200
NKM-G 65/250
NKM-G 65/315
NKM-G/NKP-G 80/160
NKM-G/NKP-G 80/200
NKM-G 80/250
NKM-G 80/315
NKM-G 100/200
NKM-G 100/250
NKM-G 100/315
NKM-G 125/250
NKM-G 150/200

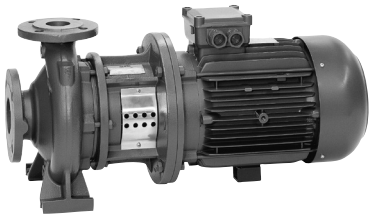
MODEL
NKM-G / NKP-G 32/125.1
NKM-G / NKP-G 32/125
NKM-G / NKP-G 32/160.1
NKM-G / NKP-G 32/160
NKM-G / NKP-G 32/200.1
NKM-G / NKP-G 32/200
NKM-G / NKP-G 40/125
NKM-G / NKP-G 40/160
NKM-G / NKP-G 40/200
NKM-G / NKP-G 40/250
NKM-G / NKP-G 50/125
NKM-G / NKP-G 50/160
NKM-G / NKP-G 50/200
NKM-G / NKP-G 50/250
NKM-G / NKP-G 65/125
NKM-G / NKP-G 65/160
NKM-G / NKP-G 65/200
NKM-G / NKP-G 65/250
NKM-G / NKP-G 65/315
NKM-G / NKP-G 80/160
NKM-G / NKP-G 80/200
NKM-G / NKP-G 80/250
NKM-G / NKP-G 80/315
NKM-G / NKP-G 100/200
NKM-G / NKP-G 100/250
NKM-G / NKP-G 100/315
NKM-G / NKP-G 125/250
NKM-G / NKP-G 150/200

VERSIONS WITH SPECIAL MECHANICAL SEALS

(1) Ref. Technical catalogue mechanical seal “E version” = Silicon carbide/silicon carbide/EPDM

(2) Ref. Technical catalogue mechanical seal “C version” = with rubber bellow: silicon carbide/silicon carbide/Viton

(3) Ref. Technical catalogue mechanical seal “D version” = with rubber bellow: carbon/silicon carbide/Viton



CATAPHORESY COATING FOR COMPONENTS IN CONTACT WITH LIQUID

STANDARDISED CENTRIFUGAL PUMPS - KDN

PERFORMANCE RANGE

4 POLES ≅ 1450 1/min

MODEL	Q (m^3/h)	0	3	6	12	18	24	30	36	42	48	54
	(l/min)	0	50	100	200	300	400	500	600	700	800	900
KDN 32-125.1/105		3.5	3.4	3.1								
KDN 32-125.1/110		3.9	3.8	3.5								
KDN 32-125.1/115		4.25	4.2	3.9								
KDN 32-125.1/120		4.7	4.6	4.3								
KDN 32-125.1/125		5.1	5.1	4.8								
KDN 32-125.1/130		5.6	5.6	5.3								
KDN 32-125.1/135		6.1	6	5.8	4.4							
KDN 32-125.1/140		6.6	6.6	6.4	5.1							
KDN 32-125/115		4.3		4.1	3.2							
KDN 32-125/120		4.75		4.6	3.75							
KDN 32-125/125		5.2		5.05	4.2							
KDN 32-125/130		5.7		5.5	4.8							
KDN 32-125/135		6.2		6	5.3	3.65						
KDN 32-125/142		6.9		6.75	6.15	4.5						
KDN 32-160.1/137		5.3	5.3	4.7								
KDN 32-160.1/145		6.2	6.1	5								
KDN 32-160.1/153		7	7	6.6								
KDN 32-160.1/161		8	7.9	7.6								
KDN 32-160.1/169		8.9	8.9	8.6	5.5							
KDN 32-160.1/177		9	9.8	9.5	6.6							
KDN 32-160/137		5.9		5.6	4.4							
KDN 32-160/145		6.7		6.5	5.3							
KDN 32-160/153		7.6		7.4	6.25							
KDN 32-160/161		8.5		8.25	7.25	8.7						
KDN 32-160/169		9.5		9.3	8.4	6.6						
KDN 32-160/177		10.5		10.4	9.6	7.8						
KDN 32-200.1/170		8.6	8.5	7.2								
KDN 32-200.1/180		9.8	9.8	9								
KDN 32-200.1/190		11.3	11.1	10.5								
KDN 32-200.1/200	H	12.8	12.7	11.7	8.3							
KDN 32-200.1/207	(m)	13.8	13.8	13	8.9							
KDN 32-200/170		8.6		8.2	6.7							
KDN 32-200/180		9.9		9.6	8.2							
KDN 32-200/190		11.2		10.9	9.7	7						
KDN 32-200/200		12.6		12.3	11.1	8.7						
KDN 32-200/210		14.3		14	13.1	10.7						
KDN 32-200/219		15.7		15.4	14.8	13	9.8					
KDN 40-125/115		4.2		4.1	3.8	3.2	2.4					
KDN 40-125/120		4.6		4.5	4.2	3.7	2.9					
KDN 40-125/125		5.1		4.9	4.7	4.1	3.3					
KDN 40-125/130		5.5		5.4	5.2	4.7	3.9					
KDN 40-125/135		6		5.9	5.8	5.3	4.6					
KDN 40-125/142		6.7		6.6	6.5	6	5.3	4.1				
KDN 40-160/137		5.9		5.8	5.8	5	3.7					
KDN 40-160/145		6.7		6.6	6.5	6	4.8					
KDN 40-160/153		7.6		7.6	7.5	7	6.8					
KDN 40-160/161		8.6		8.5	8.4	8	7.1	5.6				
KDN 40-160/169		9.6		9.5	9.5	9.1	8.3	7				
KDN 40-160/177		10.7		10.7	10.6	10.2	9.5	8.3				
KDN 40-200/170		8.4		8.4	8.2	7.4	5.7					
KDN 40-200/180		9.7		9.7	9.4	8.8	7.2					
KDN 40-200/190		10.9		10.8	10.7	10.2	8.8	6.8				
KDN 40-200/200		12.2		12.1	12	11.7	10.4	8.6				
KDN 40-200/210		13.6		13.5	13.5	13.2	12.1	10.6				
KDN 40-200/219		15		15	15	14.7	13.8	12.4	10.4			
KDN 40-250/220		15.8			15.6	14.8	13.6	12				
KDN 40-250/230		17.4			17.2	16.5	15.3	13.7				
KDN 40-250/240		19.1			19	18.2	17	15.5				
KDN 40-250/250		20.7			20.6	20	18.9	17.5				
KDN 40-250/260		22.7			22.6	22.1	21	19.5				

DAB PUMPS reserves the right to make modifications without notice

STANDARDISED CENTRIFUGAL PUMPS - KDN

PERFORMANCE RANGE

4 POLES = 1450 1/min

MODEL	Q (m³/h)	0	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114
	(l/min)	0	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900
KDN 50-125/115		4.2	4.1	3.9	3.6	3.3	2.9	2.3										
KDN 50-125/120		4.6	4.4	4.3	4	3.7	3.3	2.8										
KDN 50-125/125		5	4.9	4.7	4.5	4.2	3.7	3.3										
KDN 50-125/130		5.6	5.4	5.2	5	4.7	4.2	3.8	3.2									
KDN 50-125/135		6	5.8	5.7	5.5	5.2	4.8	4.3	3.8									
KDN 50-125/139		6.3	6.2	6.1	5.9	5.6	5.2	4.8	4.2									
KDN 50-125/144		6.7	6.7	6.6	6.4	6.2	5.8	5.3	4.8	4.1								
KDN 50-160/137		6	6	5.9	5.6	5.2	4.8											
KDN 50-160/145		6.8	6.7	6.7	6.5	6.2	5.8											
KDN 50-160/153		7.6	7.6	7.5	7.4	7.2	6.7											
KDN 50-160/161		8.4	8.4	8.3	8.2	8.1	7.7											
KDN 50-160/169		9.4	9.3	9.2	9.2	9.1	8.8											
KDN 50-160/177		10.4	10.3	10.3	10.2	10.1	9.95											
KDN 50-200/170		9.5	9.3	9.2	8.8	8	6.85											
KDN 50-200/180		10.6	10.6	10.5	10.1	9.5	8.6	7.3										
KDN 50-200/190		11.8	11.7	11.6	11.4	10.8	10.1	8.9										
KDN 50-200/200		13.1	13	13	12.8	12.3	11.6	10.6	9.4									
KDN 50-200/210		14.6	14.6	14.5	14.4	13.9	13.2	12.2	11									
KDN 50-200/219		16	16	16	15.9	15.4	14.2	13.8	12.7	11.4								
KDN 50-250/220		15.9	15.7	15.6	15.4	14.9	13.8	12.4	10.5									
KDN 50-250/230		17.4	17.3	17.2	17	16.5	15.5	14.2	12.6	10.3								
KDN 50-250/240		19	19	19	18.8	18.2	17.4	16.2	14.7	12.4								
KDN 50-250/250		20.8	20.8	20.7	20.6	20.1	19.2	18.1	17	14.8								
KDN 50-250/263		23	23	22.9	22.8	22.5	21.7	20.6	19.4	17.5								
KDN 65-125/120/110		3.75			3.5	3.3	3.2	2.9	2.7	2.3	1.9							
KDN 65-125/120		4.25			3.9	3.8	3.6	3.3	3.1	2.7	2.3							
KDN 65-125/125	H	4.7			4.4	4.25	4.1	3.8	3.6	3.25	2.8							
KDN 65-125/130	(m)	5.1			4.9	4.75	4.6	4.3	4.1	3.8	3.3	2.8						
KDN 65-125/135		5.6			5.4	5.3	5.2	4.9	4.7	4.3	3.9	3.5	3					
KDN 65-125/140		6			5.9	5.8	5.7	5.5	5.2	4.9	4.5	4.1	3.6					
KDN 65-125/144		6.4			6.35	6.25	6.2	5.9	5.7	5.4	5	4.65	4.2	3.7				
KDN 65-160/137		5.8			5.7	5.4	5.2	4.75	4.3	3.7								
KDN 65-160/145		6.5			6.5	6.3	6	5.7	5.3	4.75	4.1							
KDN 65-160/153		7.3			7.2	7.2	6.9	6.7	6.3	5.8	5.25							
KDN 65-160/161		8.2			8.1	8.1	7.9	7.7	7.3	6.85	6.3	5.8						
KDN 65-160/169		9.1			9.1	9	8.9	8.7	8.4	8	7.6	7.1	6.4					
KDN 65-160/177		10			10	9.9	9.8	9.7	9.45	9.1	8.7	8.2	7.5					
KDN 65-200/170		9.3		9.3	9.2	9.2	9	8.5	7.9	7.1	6.3							
KDN 65-200/180		10.4		10.4	10.4	10.3	10.2	10	9.5	8.8	8.1							
KDN 65-200/190		12.1		12	12	12	11.9	11.5	11.1	10.5	9.8	8.8						
KDN 65-200/200		13.3		13.3	13.3	13.2	13.1	13	12.8	12.3	11.6	10.8						
KDN 65-200/210		14.8		14.7	14.7	14.7	14.6	14.6	14.3	13.8	13.4	12.7	12					
KDN 65-200/219		16.2		16.2	16.2	16.1	16	15.9	15.8	15.4	15	14.4	13.5	12.7				
KDN 65-250/220		15.8			15.8	15.5	15.1	14.5	14	13.2	12	10.7						
KDN 65-250/230		17.4			17.4	17.2	16.8	16.3	15.7	15	14.1	12.7	11.4					
KDN 65-250/240		19			19	18.9	18.5	18.1	17.5	16.8	16	14.7	13.6					
KDN 65-250/250		20.7			20.7	20.6	20.4	20	19.5	18.8	18	17	15.9	14.5				
KDN 65-250/263		23.2			23	23	22.9	22.5	22.2	21.6	20.8	19.8	18.6	17.4	16			
KDN 65-315/260		22.3			22.2	22.1	22	21.5	21	20.5	20	19.2	18.4	17	16	15		
KDN 65-315/275		25.1			25.1	25	24.8	24.6	24.1	23.5	23	22.5	21.5	20.5	19.4	18.1		
KDN 65-315/290		28.2			28.2	28.1	28	27.8	27.3	27	26.5	25.5	25	24	23.1	22	19.5	
KDN 65-315/305		31.7			31.5	31.4	31.4	31.3	31.2	30.8	30.4	29.6	29	28	27.2	26.1	23.5	
KDN 65-315/320		35.7			35.4	35.3	35.2	35.1	35	34.8	34.5	33.8	33.5	32.5	31.5	30.8	28	24.8

STANDARDISED CENTRIFUGAL PUMPS - KDN

PERFORMANCE RANGE

4 POLES = 1450 1/min

MODEL	Q (m³/h)	0	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240	270	300	330	360	390	420
	(l/min)	0	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
KDN 80-160/147/127		5.7	5.4	5.25	5.05	4.8	4.6	4.35	4.15	3.85	3.6	3.1	2.5	2.2										
KDN 80-160/153/136		6.4	6.2	6.05	5.85	5.7	5.4	5.15	4.8	4.65	4.4	3.85	3.3	3										
KDN 80-160/153		7.3	7.1	6.9	6.7	6.5	6.3	6	5.75	5.4	5.2	4.55	3.9	3.6										
KDN 80-160/161		8.2	8	7.9	7.75	7.5	7.3	7.05	6.8	6.5	6.25	5.6	4.9	4.6										
KDN 80-160/169		9.1	9	8.85	8.7	8.6	8.35	8.1	7.85	7.6	7.3	6.75	6	5.7										
KDN 80-160/177		10	9.9	9.85	9.8	9.7	9.5	9.3	9.1	8.85	8.7	8.1	7.25	6.9										
KDN 80-200/170		9.2	9.1	9	8.7	8.5	8.2	7.8	7.5	7.1	6.7	5.6												
KDN 80-200/180		10.3	10.2	10.2	10	9.9	9.6	9.2	9	8.6	8.2	7.2												
KDN 80-200/190		11.4	11.4	11.3	11.2	11.1	11	10.7	10.5	10.1	9.8	8.7	6.8											
KDN 80-200/200		12.7	12.6	12.6	12.6	12.5	12.4	12.3	12	11.6	11.4	10.5	9.4	8.8										
KDN 80-200/210		14.1	14	14	14	13.9	13.8	13.7	13.6	13.3	13.1	12.1	11.2	10.6										
KDN 80-200/222		15.9	15.9	15.8	15.7	15.6	15.6	15.5	15.4	15.3	15	14.3	13.4	12.8										
KDN 80-250/220		16	15.9	15.8	15.7	15.6	15.5	15.2	14.9	14.5	13.9	12.8												
KDN 80-250/230		17.3	17.3	17.2	17.1	17	16.9	16.8	16.5	16	15.5	14.3	12.4											
KDN 80-250/240		19	19	19	18.9	18.8	18.7	18.6	18.4	18	17.6	16.6	15.3	14.6										
KDN 80-250/250		20.8	20.7	20.7	20.7	20.6	20.5	20.4	20.3	19.9	19.6	18.6	17.4	16.8										
KDN 80-250/260		22.6	22.5	22.5	22.4	22.3	22.2	22.1	22	21.8	21.4	20.6	19.6	19	15.1									
KDN 80-250/270		24.5	24.4	24.4	24.4	24.3	24.2	24.1	24	23.7	23.3	22.4	21.4	20.7	16.3									
KDN 80-315/275		24.8		24.8	24.8	24.7	24.6	24.5	24.4	24.3	24	23	21.4	20.5										
KDN 80-315/290		27.8		27.8	27.8	27.7	27.7	27.6	27.6	27.5	27.4	26.5	25	24.6	19.1									
KDN 80-315/305		31.4		31.4	31.3	31.2	31.2	31.2	31.2	31.2	30.9	30	29	28.5	24									
KDN 80-315/320		34.8		34.7	34.6	34.6	34.5	34.4	34.3	34	33.9	33.8	33.2	32.8	28.8									
KDN 80-315/334		38.3		38.2	38.2	38.2	38.2	38.2	38.1	38	37.9	37.6	37	36.9	33.1	28								
KDN 100-200/180		10.1				10.1	10.1	10.	9.9	9.7	9.5	9.1	8.5	8.3	7	5.4								
KDN 100-200/190	H	11.6				11.5	11.4	11.3	11.2	11.1	11	10.5	10.1	10	8.6	7								
KDN 100-200/200	(m)	12.9				12.8	12.8	12.8	12.7	12.6	12.5	12.2	11.8	11.6	10.4	8.8								
KDN 100-200/210		14.3				14.2	14.2	14.2	14.2	14.1	14	13.8	13.5	13.3	12.3	10.7	9							
KDN 100-200/219		16				15.7	15.7	15.6	15.6	15.5	15.5	15.3	15.1	15	14	12.5	10.8							
KDN 100-250/220		15.2				14.9	14.9	14.9	14.8	14.7	14.6	14.3	13.7	13.4	11.4									
KDN 100-250/230		16.9				16.7	16.7	16.6	16.5	16.4	16.3	16.1	15.7	15.3	13.6	11.1								
KDN 100-250/240		18.5				18.3	18.3	18.3	18.2	18.1	18	17.9	17.6	17.4	15.7	13.3								
KDN 100-250/250		20.1				20	20	19.9	19.8	19.7	19.6	19.5	19.4	19.2	17.6	15.4								
KDN 100-250/260		22.3				22.1	22.1	22.1	22	21.9	21.8	21.7	21.5	21.4	19.8	17.7	15.1							
KDN 100-250/270		24.3				24.3	24.3	24.3	24.3	24.3	24.2	24.1	23.7	23.5	22.1	20.1	17.3							
KDN 100-315/275		25.1				25	25	25	24.9	24.8	24.7	24.6	24.4	24	22	19								
KDN 100-315/290		28				27.9	27.9	27.9	27.9	27.8	27.7	27.6	27.5	27	25.5	23								
KDN 100-315/305		31.3				31.1	31.1	31.1	31	30.9	30.8	30.7	30.6	30.5	29	27	24							
KDN 100-315/320		34.5				34.4	34.4	34.4	34.4	34.4	34.3	34.2	34.1	34	33	31	28.1							
KDN 100-315/334		38.2				38.2	38.1	38.1	38.1	38	38	37.7	37.5	37.3	36.5	34.8	32	28.8						
KDN 125-250/220		15										14.9	14.9	14.8	14.5	14	13	11.8	10.5	9.2				
KDN 125-250/230		16.6										16.6	16.6	16.5	16.3	15.6	14.8	13.8	12.5	12.3	9.5			
KDN 125-250/240		18.2										18.1	18.1	18.1	18	17.7	16.8	15.8	14.5	13.3	11.6	10.1		
KDN 125-250/250		19.9										19.8	19.8	19.7	19.6	19.4	18.7	17.8	16.6	15.5	14	12.3		
KDN 125-250/260		21.7										21.7	21.6	21.5	21.4	21.3	20.6	19.9	18	17.7	16.3	14.6	13	
KDN 125-250/269		23.9										23.9	23.9	23.8	23.6	23.2	22.7	22.1	22.2	20.2	19	17.5	15.6	14
KDN 150-200/210/170		8.9										8.9	8.9	8.8	8.7	8.6	8.3	7.9	7.4	6.8	6.2	5.4	4.5	
KDN 150-200/218/182		10.4										10.4	10.4	10.3	10.2	9.9	9.5	9.1	8.6	8.1	7.4	6.6	5.8	
KDN 150-200/218/200		11.4										11.4	11.4	11.4	11.2	10.9	10.6	10.1	9.7	9.2	8.5	7.8	6.9	5.9
KDN 150-200/218		12.9										12.7	12.7	12.6	12.4	12.1	11.7	11.2	10.7	10.2	9.6	8.8	8	7.1
KDN 150-200/224		13.8										13.6	13.6	13.5	13.3	13	12.6	12.2	11.7	11.2	10.6	9.9	9.2	8.2

DAB PUMPS reserves the right to make modifications without notice

STANDARDISED CENTRIFUGAL PUMPS - KDN

PERFORMANCE RANGE

2 POLES = 2900 1/min

MODEL	Q (m³/h)	0	6	12	18	24	30	36	42	48	54
	(l/min)	0	100	200	300	400	500	600	700	800	900
KDN 32-125.1/105		13.8	13.6	12.3	9.7						
KDN 32-125.1/110		15.5	15.2	13.9	11.5						
KDN 32-125.1/115		17.1	16.8	15.5	13.2						
KDN 32-125.1/120		18.8	18.5	17.3	15.1						
KDN 32-125.1/125		20.5	20.3	19.1	17						
KDN 32-125.1/130		22.3	22.2	21.3	19						
KDN 32-125.1/135		24.4	24.1	23.3	21.1	17.8					
KDN 32-125.1/140		26.5	26.4	25.6	23.4	20.1					
KDN 32-125/115		17.3		16.5	15.1	12.9					
KDN 32-125/120		19		18.2	17	14.9	11.1				
KDN 32-125/125		20.9		20.1	18.9	16.9	13.5				
KDN 32-125/130		22.9		22	21	19.1	16.2				
KDN 32-125/135		24.9		24	22.1	21.5	18.5	14.7			
KDN 32-125/142		27.8		27	26.1	24.5	21.7	18			
KDN 32-160.1/137		21.5	21.2	19.3							
KDN 32-160.1/145		24.7	24.5	22.3	16.5						
KDN 32-160.1/153		28.3	28	26	20.5						
KDN 32-160.1/161		32	31.8	30	25						
KDN 32-160.1/169	H (m)	36	35.7	34.4	29.5						
KDN 32-160.1/177		39.5	39.3	38.2	34.5	26					
KDN 32-160/137		23.7		22.6	20.7	17.6					
KDN 32-160/145		27		25.8	23.9	21.2	16.9				
KDN 32-160/153		30.4		29.5	27.7	25.8	21.2				
KDN 32-160/161		34		33	31.7	29.1	25.5				
KDN 32-160/169		38		37.3	36	33.6	35.7	26.5			
KDN 32-160/177		41.8		41.5	40.5	38.4	35.3	31.4			
KDN 32-200.1/170		34.3	34.2	31.9	23.5						
KDN 32-200.1/180		39.4	39.2	36.7	30						
KDN 32-200.1/190		45.3	44.7	41.5	35.5						
KDN 32-200.½00		51.5	51	47.3	41	35					
KDN 32-200.½07		55.3	55	51.8	46.4	37					
KDN 32-200/170		34		33	31	27	21				
KDN 32-200/180		39		38.5	36.5	32.5	28				
KDN 32-200/190		45		43.5	42	39	34	28.5			
KDN 32-200/200		51		49	48	45	40.5	35			
KDN 32-200/210		57		56	55	52.5	48.5	43	36		
KDN 32-200/219		63		62	61	59	56.5	52.5	46.5	39.5	

STANDARDISED CENTRIFUGAL PUMPS - KDN

PERFORMANCE RANGE

2 POLES = 2900 1/min

MODEL	Q (m³/h) (l/min)	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114
		0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900
KDN 40-125/115		16.8		13.3	15.6	15	14.3	13.2	12.6	9.8									
KDN 40-125/120		18.5		18	17.5	17	16	15	13.5	11.8									
KDN 40-125/125		20.4		20	19.5	19	18	16.7	15.3	13.5									
KDN 40-125/130		22		21.8	21.5	21	20	19	17.5	15.7	14								
KDN 40-125/135		24.1		24	23.9	23.4	22.5	21.5	20	18.3	16.4								
KDN 40-125/142		26.8		26.6	26.4	26	25.3	24.4	23	21.4	19.4	17							
KDN 40-160/137		23.9			23.8	23	22	20.5	18	15									
KDN 40-160/145		27.5			27.4	27	25.7	24.2	22.1	19.5									
KDN 40-160/153		31.1			31	30.5	29.5	28	26.5	24	21								
KDN 40-160/161		34.5			34.5	34.4	33.7	32.3	30.5	28.5	25.8	22.5							
KDN 40-160/169		38.4			38.4	38.2	38	37	35	33.5	31	28							
KDN 40-160/177		42.6			42.5	42.4	42	41.5	40	38.5	35	33	30						
KDN 40-200/170		33.6			33	32.6	32	30	26.5	22.5									
KDN 40-200/180		38.8			38.5	38	37	35	32.5	29	25								
KDN 40-200/190		43.4			43.1	43	42.7	41	38	35	31.5	27							
KDN 40-200/200		48.7			48.4	48.2	47.5	46.5	44	41.5	38.5	34.5							
KDN 40-200/210		54.3			54.1	54	53.6	53	51	48.5	46	42.5	38						
KDN 40-200/219		60			59.8	59.7	59.4	59	57	55	52.5	49.5	46	40					
KDN 40-250/220		63.1			62.8	62.5	61	59	57	55	52	48							
KDN 40-250/230		69.5			69.3	68.5	67.8	66	63.5	61	58	55	51						
KDN 40-250/240		76.3			76	75.8	75	73	70.5	68	65	62	58.5						
KDN 40-250/250		82.8			82.5	82	81.8	80	78	75.5	72.5	69	66						
KDN 40-250/260		91			90.5	90	89.5	88.5	86.5	84	81	78	74						
KDN 50-125/115	H (m)	17.1					15.9	15.5	15	14.3	13.6	13	12.2	11.5	10.4	9			
KDN 50-125/120		18.2					17.5	17	16.5	16	15.3	14.7	14	13.2	12	11.2	10		
KDN 50-125/125		19.8					19.4	19	18.5	17.9	17.4	16.6	16	15.1	14	13	11.8		
KDN 50-125/130		21.5					21.1	20.8	20.5	19.8	19.2	18.5	17.8	17	16.5	15.2	14		
KDN 50-125/135		23.2					23	22.6	22.3	21.8	21.2	20.6	19.9	19.3	18.4	17.5	16.3	13.7	
KDN 50-125/139		24.7					24.5	24.3	24	23.5	23	22.4	21.6	20.8	20	19.2	18	15.5	
KDN 50-125/144		25.9					26.5	26.4	26.1	25.6	25.1	24.5	24	23.2	22.3	21.5	20.5	17.8	15
KDN 50-160/137		24.2					23.8	23.7	23.5	22.5	22	21	20.3	19	18	16.8	15		
KDN 50-160/145		27.2					27	26.9	26.6	26.4	25.5	25	23.8	23	21.5	20.5	19		
KDN 50-160/153		30.3					30.3	30.2	30	29.9	29.5	28.5	27.7	26.5	25.5	24.5	23		
KDN 50-160/161		33.8					33.7	33.7	33.6	33.6	33.3	32.5	31.8	31	29.8	28.5	27.5		
KDN 50-160/169		37.7					37.7	37.5	37.5	37.4	37	36.2	35.7	35.5	34.2	33	31.5	29	
KDN 50-160/177		41.6					41.5	41.5	41.3	41.2	41	40.6	40.5	39.5	38.8	38	36.7	33.5	
KDN 50-200/170		37.9					37	36.8	36.4	35	34	32	30	27	25				
KDN 50-200/180		42.5					42	41.7	41.4	40.5	39.5	38	36	34	32	29			
KDN 50-200/190		47.2					46.8	46.6	46	45.7	44.5	43.5	42	40	38	35.5	33		
KDN 50-200/200		52.4					52.2	52	18	51.5	50.5	49	47.5	46	44.5	42	40		
KDN 50-200/210		58.4					58.4	58.2	58	57.5	56.5	55.5	54	52.5	51	49	46.5	41.5	
KDN 50-200/219		64					64	64	64	63.5	62.5	61.5	60	58.5	57	55	53	48.5	
KDN 50-250/220		63.7					63.3	63.1	63	62	61	59	57.5	55	53	50	46.5	36	
KDN 50-250/230		69.6					69.3	69	68.8	68.5	68	66	64	62	60	57	54	45	
KDN 50-250/240		76					75.8	75.5	75.3	75	74.5	73	71.5	69	67	65	62	55	
KDN 50-250/250		83.2					83	82.9	82.8	83.5	82	80.5	78.5	77	75	72.5	70	64	
KDN 50-250/263		92.1					92	91.8	91.6	91.5	91.3	89.9	88.5	86.5	84.5	82.5	80	75	61

DAB PUMPS reserves the right to make modifications without notice

STANDARDISED CENTRIFUGAL PUMPS - KDN

PERFORMANCE RANGE

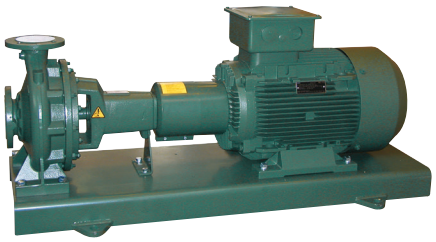
2 POLES = 2900 1/min

MODEL	Q (m³/h) (l/min)	0	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240	270	300	330	360	390	420
		0	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
KDN 65-125/120/110		16	14.4	14	13.6	13.1	12.8	12.2	11.9	11.4	10.2	8.7	8										
KDN 65-125/120		17.8	16	15.8	15.3	17.9	14.4	13.9	13.4	13	11.5	10.3	9.4										
KDN 65-125/125		19.4	17.8	17.5	17.1	16.8	16.4	16	15.4	15	13.5	12.2	11.4										
KDN 65-125/130		21	19.6	19.5	19.1	18.9	18.5	18	17.5	17	15.7	14.2	13.2										
KDN 65-125/135		22.6	21.8	21.5	21.3	21	20.5	20.1	19.6	19.2	18	16.5	15.6										
KDN 65-125/140		24	23.6	23.6	23.4	23	22.8	22.3	22	21.4	20.3	18.9	18	13.8									
KDN 65-125/144		25.6	25.5	25.4	25.2	25	24.6	24.3	24	23.4	22.5	21.1	20.2	16									
KDN 65-160/137		23.1	22.4	22	21.7	21.3	20.5	19.7	19	18	16												
KDN 65-160/145		26.2	25.7	25.5	25	24.6	24	23.5	22.7	22	20	17.8	16.5										
KDN 65-160/153		29.1	28.8	28.5	28.6	28.5	28	27.5	26.6	26	24	22	21										
KDN 65-160/161		32.6	32.5	32.4	32.3	32	31.7	31.3	30.5	30	28.5	26.5	25.5										
KDN 65-160/169		36.4	36.3	36.2	36.1	36	35.7	35.3	34.7	34	32.7	31	30										
KDN 65-160/177		40.1	39.9	39.8	39.7	40	39.8	39.5	39	38.5	37.2	35.5	34.7	28.5									
KDN 65-200/170		37.2	36.8	36.7	36.6	36.5	36	35	34	32.5	30	27	25										
KDN 65-200/180		41.7	41.4	41.3	41.2	41.1	41	40.5	40	39	36.5	34	32										
KDN 65-200/190		48.3	48.2	48.1	48	47.9	47.5	47	41	45	43	40.5	39										
KDN 65-200/200		53.2	53.1	52.9	52.8	52.7	52.5	52.3	52	51.8	50	48	46.5										
KDN 65-200/210		59.2	59.1	59	58.9	58.8	58.7	58.5	58.2	58	56.5	54.5	53.5										
KDN 65-200/219		64.9	64.9	64.8	64.5	64.3	64.1	64	63.8	62.5	62.4	61	60	52.5									
KDN 65-250/220		63.2	62.8	62.5	62	61	60	59.5	58	57	54	50.5	48										
KDN 65-250/230		69.5	69.5	69	68.5	68	67	66	65	64	63	58.5	56.5										
KDN 65-250/240		76	75.7	75.5	75	75	74	73	72	71	69	66	64										
KDN 65-250/250		83	82.3	82.3	82.2	82	81.5	81	80	79	76.5	73.5	72	60									
KDN 65-250/263		92.6	91.8	91.8	91.7	91.5	91.5	91	90	89.5	87.5	85	83	72.5									
KDN 65-315/260		92.8				92.7	91.9	90.9	89.7	88.5	85.5	81.9	79.9	67.8									
KDN 65-315/275		105				104.5	103.9	103.1	102.1	101.1	98.5	95.5	93.8	83.3	69.5								
KDN 65-315/290		117.1				117.0	116.5	115.9	115.1	114.3	112.2	109.7	108.3	99.4	87.6								
KDN 65-315/305		130				129.5	129.2	128.7	128.0	127.3	125.5	123.2	121.9	113.8	103.0	89.6							
KDN 65-315/320		143				142.9	142.6	142.1	171.6	140.9	139.3	137.3	136.2	128.9	119.1	106.8	92.0						
KDN 80-160/147/127		23								21.5	20.7	20	19.5	17	14.5	11.8	8.8						
KDN 80-160/153/136	H	25.6								24.5	23.8	23	22.5	20.2	17.5	15	11.8						
KDN 80-160/153	(m)	29.3								28	27.3	26.5	26	23.5	20.7	16.5	14.5						
KDN 80-160/161		32.8								32	31.5	30.5	30	27.8	25	21.5	18.5						
KDN 80-160/169		36.5								35.7	35.2	34.5	34.2	32	29.5	26.5	22.6	18.5					
KDN 80-160/177		40								39.5	39.2	38.7	38.5	37	34.8	31.8	27.8	23					
KDN 80-200/170		36.6								35.7	35.5	34.5	34	31	27	21.5							
KDN 80-200/180		41								40.6	40.5	40	39.5	37	33	27.5							
KDN 80-200/190		45.7								45.4	45	44.5	44	42	29	34							
KDN 80-200/200		50.8								50.4	50.2	50	49.6	49	46.5	41	35						
KDN 80-200/210		56.3								55.9	55.8	55.7	55.6	54.8	52	48	43						
KDN 80-200/222		63.6								63.4	63.3	63.2	63.1	63	60	56.5	51.5	45					
KDN 80-250/220		62.6								62.5	62.4	62	61.8	60	55.5	49							
KDN 80-250/230		68.3								68.2	68.1	67.9	67.9	67	63	57	50						
KDN 80-250/240		75.5								75.4	75.3	75.2	75	74.5	71	66.5	58.5						
KDN 80-250/250		82.5								82.3	82	81.9	81.7	82	78.5	74	67.5	60.5					
KDN 80-250/260		90								89.7	89.6	86.5	89.3	89	86.5	82	77	70	61.5				
KDN 80-250/270		97.9								97.8	97.5	91.3	97	96.3	94	89	84	77	69				
KDN 80-315/275		106								106.1	105.3	104.3	103.7	99.4	93.4	85.6	76.0						
KDN 80-315/290		118								118.4	117.8	117.1	116.6	113.2	108.2	101.5	93.2	83.4					
KDN 80-315/305		131								130.9	130.7	130.3	130.1	128.1	125.1	121.0	115.9						
KDN 80-315/320		143								143.2	143.0	142.6	142.4	140.7	136.0	134.5							
KDN 80-315/334		156								155.5	155.4	155.3	155.2	154.3									
KDN 100-200/180		40.4												40	38	36	33	30.5	28	25			
KDN 100-200/190		46.5												45	44	42	39	37	34.5	31	28		
KDN 100-200/200		51.5												51	50	48.5	46	44	42	39	35	31.5	
KDN 100-200/210		57.5												57	56	55	53	51	49	46	43	39	36
KDN 100-200/219		64												62.5	62	61	60	58	56	53	50	47	43
KDN 100-250/220		61.1												60	59.5	57	54	50.5	46.5	42			
KDN 100-250/230		67.4												66.9	66.5	64	61	58	54	49	44		
KDN 100-250/240		73.5												72.9	71	70.5	69	66	63	58.5	53		
KDN 100-250/250		79.7												79.5	79	78.8	77	74	71	67	62.5		
KDN 100-250/260		88.6												88.2	88.1	88	86	83	79.5	76	71.5	66	

ENERGY EFFICIENCY IE2

CE

CONDITIONING, IRRIGATION, WATER TRANSFER, PRESSURIZATION, INDUSTRIAL APPLICATION



Enbloc, centrifugal electric pumps with coupling designed for a wide range of applications such as:
- Supplying water.
- The circulation of hot water for central heating.
- The circulation of cold water for air conditioning and refrigerating.
- The transfer of liquids in agriculture, horticulture and industries.
- The implementation of pumping systems.

These can be connected to a two or four poles electric motor with a coupling and mounted on a pressed metal bedplate in accordance with UNI EN 23661.
Single-stage, cast iron spiral body made to DIN-EN 733 (formerly DIN 24255), cast iron seal holder cover and motor support, flanges in accordance with DIN 2533 (DIN 2532 for DN 200).
Impeller in cast iron, encased and dynamically balanced with compensation of the axial thrust by means of balancing holes, operating (on request) with interchangeable consumable rings.
Stainless steel pump shaft supported by two large maintenance-free greased ball bearings, housed inside a special chamber of the support. Standard seal: standardised mechanical seal made to DIN 24960 in carbon/carborundum with O' rings in EPDM. Packing on request with hydraulic lubricating ring and stuffing box in two easily removable parts.

Speed of rotation: 1450 - 2900 1/min.
Operating range: from 1 to 420 m^3/h with a head of up to 100 metres.
Pumped liquid: clean, without solid or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, close to water characteristics.
Liquid temperature range: from -10°C to +140°C.
Maximum ambient temperature: +40°C.
Maximum working pressure: 16 bar - 1600 kPa (for DN 200 max. 10 bar).
Flanging: PN 16 DIN 2533 - PN 10 DIN 2532 for DN 200
Installation: normally horizontal.
Special versions on request: pumps for liquids other than water.
Packing (can also be fed externally).
Other voltages and/or frequencies.
IE3 motor efficiency class available on request. Please contact our sales network for a price quotation.

ACCESSORIES
PAG. 443

KDN - STANDARDISED CENTRIFUGAL PUMPS ON SKID

MODEL		POWER (kW)		CAST IRON IMPELLER CODE	VOLTAGE 50 Hz	FLANGE DIMENSIONS (mm)		BRONZE IMPELLER CODE	WEIGHT Kg
		4 POLES	2 POLES			DNA	DNM		
KDN 32-125.1	4 POLES	0,37	–	1D1K11113	3 x 230 - 400 V ~	50	32	1D1K21113	81
		0,55	–	1D1K11123	3 x 230 - 400 V ~	50	32	1D1K21123	83
	2 POLES	–	0.75	1D1K1113A	3 x 230 - 400 V ~	50	32	1D1K2113A	85
		–	1.1	1D1K1114A	3 x 230 - 400 V ~	50	32	1D1K2114A	86
		–	1.5	1D1K1115A	3 x 230 - 400 V ~	50	32	1D1K2115A	93
		–	2.2	1D1K1116A	3 x 230 - 400 V ~	50	32	1D1K2116A	100
		–	3	1D1K1117B	3 x 400 V ~ (1)	50	32	1D1K2117B	102
		–	4	1D1K1118B	3 x 400 V ~(1)	50	32	1D1K2118B	102
KDN 32-125	4 POLES	0,37	–	1D1111113	3 x 230 - 400 V ~	50	32	1D1121113	81
		0,55	–	1D1111123	3 x 230 - 400 V ~	50	32	1D1121123	83
		0,75	–	1D111113C	3 x 230 - 400 V ~	50	32	1D112113C	84
	2 POLES	-	1.1	1D111114A	3 x 230 - 400 V ~	50	32	1D112114A	85
		-	1.5	1D111115A	3 x 230 - 400 V ~	50	32	1D112115A	86
		-	2.2	1D111116A	3 x 230 - 400 V ~	50	32	1D112116A	93
		–	3	1D111117B	3 x 400 V ~(1)	50	32	1D112117B	96,3
		–	4	1D111118B	3 x 400 V ~(1)	50	32	1D112118B	117

(1) Star starting is possible

KDN

STANDARDISED CENTRIFUGAL PUMPS

MODEL		POWER (kW)		CAST IRON IMPELLER	VOLTAGE 50 Hz	FLANGE DIMENSIONS (mm)		BRONZE IMPELLER	WEIGHT Kg
		4 POLES	2 POLES	CODE		DNA	DNM	CODE	
KDN 32-160.1	4 POLES	0,37	–	1D1L11113	3 x 230 - 400 V ~	50	32	1D1L21113	83
		0,55	–	1D1L11123	3 x 230 - 400 V ~	50	32	1D1L21123	86
		0,75	–	1D1L1113C	3 x 230 - 400 V ~	50	32	1D1L2113C	86
	2 POLES	–	1.1	1D1L1114A	3 x 230 - 400 V ~	50	32	1D1L2114A	91
		–	1.5	1D1L1115A	3 x 230 - 400 V ~	50	32	1D1L2115A	94
		–	2.2	1D1L1116A	3 x 230 - 400 V ~	50	32	1D1L2116A	102
		–	3	1D1L1117B	3 x 400 V ~(1)	50	32	1D1L2117B	102
		–	4	1D1L1118B	3 x 400 V ~(1)	50	32	1D1L2118B	104
		–	5.5	1D1L1119B	3 x 400 V ~(1)	50	32	1D1L2119B	136
KDN 32-160	4 POLES	0,37	–	1D1211113	3 x 230 - 400 V ~	50	32	1D1221113	83
		0,55	–	1D1211123	3 x 230 - 400 V ~	50	32	1D1221123	85
		0,75	–	1D121113C	3 x 230 - 400 V ~	50	32	1D122113C	86
		1,1	–	1D121114C	3 x 230 - 400 V ~	50	32	1D122114C	88
	2 POLES	–	2.2	1D121116A	3 x 230 - 400 V ~	50	32	1D122116A	92
		–	3	1D121117B	3 x 400 V ~(1)	50	32	1D122117B	102
		–	4	1D121118B	3 x 400 V ~(1)	50	32	1D122118B	104
		–	5.5	1D121119B	3 x 400 V ~(1)	50	32	1D122119B	136
		–	7.5	1D12111AB	3 x 400 V ~(1)	50	32	1D12211AB	139
KDN 32-200.1	4 POLES	0,37	–	1D1M11113	3 x 230 - 400 V ~	50	32	1D1M21113	87
		0,55	–	1D1M11123	3 x 230 - 400 V ~	50	32	1D1M21123	89
		0,75	–	1D1M1113C	3 x 230 - 400 V ~	50	32	1D1M2113C	101
		1,1	–	1D1M1114C	3 x 230 - 400 V ~	50	32	1D1M2114C	106
	2 POLES	–	2.2	1D1M1116A	3 x 230 - 400 V ~	50	32	1D1M2116A	108
		–	3	1D1M1117B	3 x 400 V ~(1)	50	32	1D1M2117B	140
		–	4	1D1M1118B	3 x 400 V ~(1)	50	32	1D1M2118B	143
		–	5.5	1D1M1119B	3 x 400 V ~(1)	50	32	1D1M2119B	143
		–	7.5	1D1M111AB	3 x 400 V ~(1)	50	32	1D1M211AB	166
KDN 32-200	4 POLES	0.37	–	1D1311113	3 x 230 - 400 V ~	50	32	1D1321113	87
		0.55	–	1D1311123	3 x 230 - 400 V ~	50	32	1D1321123	89
		0.75	–	1D131113C	3 x 230 - 400 V ~	50	32	1D132113C	90
		1.1	–	1D131114C	3 x 230 - 400 V ~	50	32	1D132114C	101
		1.5	–	1D131115C	3 x 230 - 400 V ~	50	32	1D132115C	101
		2.2	–	1D131116C	3 x 230 - 400 V ~	50	32	1D132116C	102
	2 POLES	–	3	1D131117B	3 x 400 V ~(1)	50	32	1D132117B	103
		–	4	1D131118B	3 x 400 V ~(1)	50	32	1D132118B	104
		–	5.5	1D131119B	3 x 400 V ~(1)	50	32	1D132119B	143
		–	7.5	1D13111AB	3 x 400 V ~(1)	50	32	1D13211AB	177
		–	11	1D13111BB	3 x 400 V ~(1)	50	32	1D13211BB	237
		–	15	1D13111CB	3 x 400 V ~(1)	50	32	1D13211CB	248
KDN 40-125	4 POLES	0.37	–	1D2111113	3 x 230 - 400 V ~	65	40	1D2121113	81
		0.55	–	1D2111123	3 x 230 - 400 V ~	65	40	1D2121123	83
		0.75	–	1D211113C	3 x 230 - 400 V ~	65	40	1D212113C	84
		1.1	–	1D211114C	3 x 230 - 400 V ~	65	40	1D212114C	86
	2 POLES	–	1.5	1D211115A	3 x 230 - 400 V ~	65	40	1D212115A	86
		–	2.2	1D211116A	3 x 230 - 400 V ~	65	40	1D212116A	91
		–	3	1D211117B	3 x 400 V ~(1)	65	40	1D212117B	91
		–	4	1D211118B	3 x 400 V ~(1)	65	40	1D212118B	102
		–	5.5	1D211119B	3 x 400 V ~(1)	65	40	1D212119B	134
		–	7.5	1D21111AB	3 x 400 V ~(1)	65	40	1D21211AB	137
KDN 40-160	4 POLES	0.37	–	1D2211113	3 x 230 - 400 V ~	65	40	1D2221113	85
		0.55	–	1D2211123	3 x 230 - 400 V ~	65	40	1D2221123	89
		0.75	–	1D221113C	3 x 230 - 400 V ~	65	40	1D222113C	89
		1.1	–	1D221114C	3 x 230 - 400 V ~	65	40	1D222114C	91
		1.5	–	1D221115C	3 x 230 - 400 V ~	65	40	1D222115C	101
	2 POLES	–	3	1D221117B	3 x 400 V ~(*)	65	40	1D222117B	102
		–	4	1D221118B	3 x 400 V ~(*)	65	40	1D222118B	104
		–	5.5	1D221119B	3 x 400 V ~(*)	65	40	1D222119B	160
		–	7.5	1D22111AB	3 x 400 V ~(*)	65	40	1D22211AB	165
		–	11	1D22111BB	3 x 400 V ~(*)	65	40	1D22211BB	173
		–	15	1D22111CB	3 x 400 V ~(*)	65	40	1D22211CB	173

(1) Star starting is possible

MODEL		POWER (kW)		CAST IRON IMPELLER	VOLTAGE 50 Hz	FLANGE DIMENSIONS (mm)		BRONZE IMPELLER	WEIGHT Kg
		4 POLES	2 POLES	CODE		DNA	DNM	CODE	
KDN 40-200	4 POLES	0.55	–	1D2311123	3 x 230 - 400 V ~	65	40	1D2321123	98
		0.75	–	1D231113C	3 x 230 - 400 V ~	65	40	1D232113C	98
		1.1	–	1D231114C	3 x 230 - 400 V ~	65	40	1D232114C	101
		1.5	–	1D231115C	3 x 230 - 400 V ~	65	40	1D232115C	105
		2.2	–	1D231116C	3 x 230 - 400 V ~	65	40	1D232116C	111
		3	–	1D231117D	3 x 400 V ~(1)	65	40	1D232117D	118
	2 POLES	–	4	1D231118B	3 x 400 V ~(1)	65	40	1D232118B	135
		–	5.5	1D231119B	3 x 400 V ~(1)	65	40	1D232119B	146
		–	7.5	1D23111AB	3 x 400 V ~(1)	65	40	1D23211AB	147
		–	11	1D23111BB	3 x 400 V ~(1)	65	40	1D23211BB	221
		–	15	1D23111CB	3 x 400 V ~(1)	65	40	1D23211CB	231
		–	18.5	1D23111DB	3 x 400 V ~(1)	65	40	1D23211DB	231
KDN 40-250	4 POLES	1.5	–	1D241115C	3 x 230 - 400 V ~	65	40	1D242115C	125
		2.2	–	1D241116C	3 x 230 - 400 V ~	65	40	1D242116C	129
		3	–	1D241117D	3 x 400 V ~(1)	65	40	1D242117D	149
		4	–	1D241118D	3 x 400 V ~(1)	65	40	1D242118D	200
	2 POLES	–	11	1D24111BB	3 x 400 V ~(1)	65	40	1D24211BB	236
		–	15	1D24111CB	3 x 400 V ~(1)	65	40	1D24211CB	278
		–	18.5	1D24111DB	3 x 400 V ~(1)	65	40	1D24211DB	298
		–	22	1D24111EB	3 x 400 V ~(1)	65	40	1D24211EB	320
		–	30	1D24111FB	3 x 400 V ~(1)	65	40	1D24211FB	320
KDN 50-125	4 POLES	0.37	–	1D3111113	3 x 230 - 400 V ~	65	50	1D3121113	87
		0.55	–	1D3111123	3 x 230 - 400 V ~	65	50	1D3121123	90
		0.75	–	1D311113C	3 x 230 - 400 V ~	65	50	1D312113C	91
		1.1	–	1D311114C	3 x 230 - 400 V ~	65	50	1D312114C	93
		1.5	–	1D311115C	3 x 230 - 400 V ~	65	50	1D312115C	101
	2 POLES	–	3	1D311117B	3 x 400 V ~(1)	65	50	1D312117B	105
		–	4	1D311118B	3 x 400 V ~(1)	65	50	1D312118B	109
		–	5.5	1D311119B	3 x 400 V ~(1)	65	50	1D312119B	143
		–	7.5	1D31111AB	3 x 400 V ~(1)	65	50	1D31211AB	143
		–	11	1D31111BB	3 x 400 V ~(1)	65	50	1D31211BB	143
KDN 50-160	4 POLES	0.55	–	1D3211123	3 x 230 - 400 V ~	65	50	1D3221123	97
		0.75	–	1D321113C	3 x 230 - 400 V ~	65	50	1D322113C	98
		1.1	–	1D321114C	3 x 230 - 400 V ~	65	50	1D322114C	100
		1.5	–	1D321115C	3 x 230 - 400 V ~	65	50	1D322115C	103
		2.2	–	1D321116C	3 x 230 - 400 V ~	65	50	1D322116C	107
		3	–	1D321117D	3 x 400 V ~(1)	65	50	1D322117D	110
	2 POLES	–	4	1D321118B	3 x 400 V ~(1)	65	50	1D322118B	132
		–	5.5	1D321119B	3 x 400 V ~(1)	65	50	1D322119B	143
		–	7.5	1D32111AB	3 x 400 V ~(1)	65	50	1D32211AB	177
		–	11	1D32111BB	3 x 400 V ~(1)	65	50	1D32211BB	188
		–	15	1D32111CB	3 x 400 V ~(1)	65	50	1D32211CB	200
		–	18.5	1D32111DB	3 x 400 V ~(1)	65	50	1D32211DB	202
KDN 50-200	4 POLES	0.75	–	1D331113C	3 x 230 - 400 V ~	65	50	1D332113C	104
		1.1	–	1D331114C	3 x 230 - 400 V ~	65	50	1D332114C	107
		1.5	–	1D331115C	3 x 230 - 400 V ~	65	50	1D332115C	114
		2.2	–	1D331116C	3 x 230 - 400 V ~	65	50	1D332116C	123
		3	–	1D331117D	3 x 400 V ~(1)	65	50	1D332117D	122
		4	–	1D331118D	3 x 400 V ~(1)	65	50	1D332118D	122
	2 POLES	–	7.5	1D33111AB	3 x 400 V ~(1)	65	50	1D33211AB	176
		–	11	1D33111BB	3 x 400 V ~(1)	65	50	1D33211BB	186
		–	15	1D33111CB	3 x 400 V ~(1)	65	50	1D33211CB	280
		–	18.5	1D33111DB	3 x 400 V ~(1)	65	50	1D33211DB	283
		–	22	1D33111EB	3 x 400 V ~(1)	65	50	1D33211EB	290
		–	30	1D33111FB	3 x 400 V ~(1)	65	50	1D33211FB	290

(1) Star starting is possible

KDN

STANDARDISED CENTRIFUGAL PUMPS

MODEL		POWER (kW)		CAST IRON IMPELLER	VOLTAGE 50 Hz	FLANGE DIMENSIONS (mm)		BRONZE IMPELLER	WEIGHT Kg
		4 POLES	2 POLES	CODE		DNA	DNM	CODE	
KDN 50-250	4 POLES	2.2	–	1D341116C	3 x 230 - 400 V ~	65	50	1D342116C	135
		3	–	1D341117D	3 x 400 V ~ (1)	65	50	1D342117D	138
		4	–	1D341118D	3 x 400 V ~ (1)	65	50	1D342118D	165
		5,5	–	1D341119D	3 x 400 V ~ (1)	65	50	1D342119D	173
	2 POLES	–	15	1D34111CB	3 x 400 V ~ (1)	65	50	1D34211CB	260
		–	18.5	1D34111DB	3 x 400 V ~ (1)	65	50	1D34211DB	289
		–	22	1D34111EB	3 x 400 V ~ (1)	65	50	1D34211EB	319
		–	30	1D34111FB	3 x 400 V ~ (1)	65	50	1D34211FB	407
		–	37	1D34111GB	3 x 400 V ~ (1)	65	50	1D34211GB	333
		–	45	1D34111HB	3 x 400 V ~ (1)	65	50	1D34211HB	374
KDN 65-125	4 POLES	0.37	–	1D4111113	3 x 230 - 400 V ~	80	65	1D4121113	94
		0.55	–	1D4111123	3 x 230 - 400 V ~	80	65	1D4121123	97
		0.75	–	1D411113C	3 x 230 - 400 V ~	80	65	1D412113C	98
		1.1	–	1D411114C	3 x 230 - 400 V ~	80	65	1D412114C	100
		1.5	–	1D411115C	3 x 230 - 400 V ~	80	65	1D412115C	103
		2.2	–	1D411116C	3 x 230 - 400 V ~	80	65	1D412116C	107
	2 POLES	–	4	1D411118B	3 x 400 V ~ (1)	80	65	1D412118B	132
		–	5.5	1D411119B	3 x 400 V ~ (1)	80	65	1D412119B	143
		–	7.5	1D41111AB	3 x 400 V ~ (1)	80	65	1D41211AB	146
		–	11	1D41111BB	3 x 400 V ~ (1)	80	65	1D41211BB	175
		–	15	1D41111CB	3 x 400 V ~ (1)	80	65	1D41211CB	180
KDN 65-160	4 POLES	0.75	–	1D421113C	3 x 230 - 400 V ~	80	65	1D422113C	101
		1.1	–	1D421114C	3 x 230 - 400 V ~	80	65	1D422114C	103
		1.5	–	1D421115C	3 x 230 - 400 V ~	80	65	1D422115C	114
		2.2	–	1D421116C	3 x 230 - 400 V ~	80	65	1D422116C	114
		3	–	1D421117D	3 x 400 V ~ (1)	80	65	1D422117D	148
	2 POLES	–	5.5	1D421119B	3 x 400 V ~ (1)	80	65	1D422119B	149
		–	7.5	1D42111AB	3 x 400 V ~ (1)	80	65	1D42211AB	173
		–	11	1D42111BB	3 x 400 V ~ (1)	80	65	1D42211BB	183
		–	15	1D42111CB	3 x 400 V ~ (1)	80	65	1D42211CB	220
		–	18.5	1D42111DB	3 x 400 V ~ (1)	80	65	1D42211DB	220
		–	22	1D42111EB	3 x 400 V ~ (1)	80	65	1D42211EB	220
KDN 65-200	4 POLES	1.1	–	1D431114C	3 x 230 - 400 V ~	80	65	1D432114C	
		1.5	–	1D431115C	3 x 230 - 400 V ~	80	65	1D432115C	
		2.2	–	1D431116C	3 x 230 - 400 V ~	80	65	1D432116C	
		3	–	1D431117D	3 x 400 V ~ (1)	80	65	1D432117D	
		4	–	1D431118D	3 x 400 V ~ (1)	80	65	1D432118D	
		5,5	–	1D431119D	3 x 400 V ~ (1)	80	65	1D432119D	
	2 POLES	–	11	1D43111BB	3 x 400 V ~ (1)	80	65	1D43211BB	
		–	15	1D43111CB	3 x 400 V ~ (1)	80	65	1D43211CB	
		–	18.5	1D43111DB	3 x 400 V ~ (1)	80	65	1D43211DB	
		–	22	1D43111EB	3 x 400 V ~ (1)	80	65	1D43211EB	
		–	30	1D43111FB	3 x 400 V ~ (1)	80	65	1D43211FB	
		–	37	1D43111GB	3 x 400 V ~ (1)	80	65	1D43211GB	
KDN 65-250	4 POLES	3	–	1D441117D	3 x 400 V ~ (1)	80	65	1D442117D	
		4	–	1D441118D	3 x 400 V ~ (1)	80	65	1D442118D	
		5,5	–	1D441119D	3 x 400 V ~ (1)	80	65	1D442119D	
		7.5	–	1D44111AD	3 x 400 V ~ (1)	80	65	1D44211AD	
		11	–	1D44111BD	3 x 400 V ~ (1)	80	65	1D44211BD	
	2 POLES	–	22	1D44111EB	3 x 400 V ~ (1)	80	65	1D44211EB	
		–	30	1D44111FB	3 x 400 V ~ (1)	80	65	1D44211FB	
		–	37	1D44111GB	3 x 400 V ~ (1)	80	65	1D44211GB	
		–	45	1D44111HB	3 x 400 V ~ (1)	80	65	1D44211HB	
		–	55	1D44111KB	3 x 400 V ~ (1)	80	65	1D44211KB	

(1) Star starting is possible

MODEL		POWER (kW)		CAST IRON IMPELLER	VOLTAGE 50 Hz	FLANGE DIMENSIONS (mm)		BRONZE IMPELLER	WEIGHT Kg
		4 POLES	2 POLES	CODE		DNA	DNM	CODE	
KDN 65-315	4 POLES	5,5	–	1D451119D	3 x 400 V ~ (1)	80	65	1D452119D	259
		7.5	–	1D45111AD	3 x 400 V ~ (1)	80	65	1D45211AD	292
		11	–	1D45111BD	3 x 400 V ~ (1)	80	65	1D45211BD	297
		15	–	1D45111CD	3 x 400 V ~ (1)	80	65	1D45211CD	297
		18.5	–	1D45111DD	3 x 400 V ~ (1)	80	65	1D45211DD	322
	2 POLES	–	45	1D45111HB	3 x 400 V ~ (1)	80	65	1D45211HB	580
		–	55	1D45111KB	3 x 400 V ~ (1)	80	65	1D45211KB	702
		–	75	1D45111LB	3 x 400 V ~ (1)	80	65	1D45211LB	820
		–	90	–	3 x 400 V ~ (1)	80	65	1D45211MB	930
		–	110	–	3 x 400 V ~ (1)	80	65	1D45211NB	1020
KDN 80-160	4 POLES	1.1	–	1D521114C	3 x 230 - 400 V ~	100	80	1D522114C	125
		1.5	–	1D521115C	3 x 230 - 400 V ~	100	80	1D522115C	127
		2.2	–	1D521116C	3 x 230 - 400 V ~	100	80	1D522116C	139
		3	–	1D521117D	3 x 400 V ~ (1)	100	80	1D522117D	138
		4	–	1D521118D	3 x 400 V ~ (1)	100	80	1D522118D	138
		5,5	–	1D521119D	3 x 400 V ~ (1)	100	80	1D522119D	163
	2 POLES	–	7.5	1D52111AB	3 x 400 V ~ (1)	100	80	1D52211AB	189
		–	11	1D52111BB	3 x 400 V ~ (1)	100	80	1D52211BB	298
		–	15	1D52111CB	3 x 400 V ~ (1)	100	80	1D52211CB	298
		–	18.5	1D52111DB	3 x 400 V ~ (1)	100	80	1D52211DB	298
		–	22	1D52111EB	3 x 400 V ~ (1)	100	80	1D52211EB	298
		–	30	1D52111FB	3 x 400 V ~ (1)	100	80	1D52211FB	304
		–	37	1D52111GB	3 x 400 V ~ (1)	100	80	1D52211GB	383
KDN 80-200	4 POLES	1.5	–	1D531115C	3 x 230 - 400 V ~	100	80	1D532115C	161
		2.2	–	1D531116C	3 x 230 - 400 V ~	100	80	1D532116C	166
		3	–	1D531117D	3 x 400 V ~ (1)	100	80	1D532117D	168
		4	–	1D531118D	3 x 400 V ~ (1)	100	80	1D532118D	188
		5,5	–	1D531119D	3 x 400 V ~ (1)	100	80	1D532119D	188
		7.5	–	1D53111AD	3 x 400 V ~ (1)	100	80	1D53211AD	188
		11	–	1D53111BD	3 x 400 V ~ (1)	100	80	1D53211BD	197
	2 POLES	–	18.5	1D53111DB	3 x 400 V ~ (1)	100	80	1D53211DB	239
		–	22	1D53111EB	3 x 400 V ~ (1)	100	80	1D53211EB	275
		–	30	1D53111FB	3 x 400 V ~ (1)	100	80	1D53211FB	432
		–	37	1D53111GB	3 x 400 V ~ (1)	100	80	1D53211GB	455
		–	45	1D53111HB	3 x 400 V ~ (1)	100	80	1D53211HB	548
		–	55	1D53111KB	3 x 400 V ~ (1)	100	80	1D53211KB	494
		–	75	1D53111LB	3 x 400 V ~ (1)	100	80	1D53211LB	609
KDN 80-250	4 POLES	4	–	1D541118D	3 x 400 V ~ (1)	100	80	1D542118D	219
		5.5	–	1D541119D	3 x 400 V ~ (1)	100	80	1D542119D	219
		7.5	–	1D54111AD	3 x 400 V ~ (1)	100	80	1D54211AD	219
		11	–	1D54111BD	3 x 400 V ~ (1)	100	80	1D54211BD	258
		15	–	1D54111CD	3 x 400 V ~ (1)	100	80	1D54211CD	277
	2 POLES	–	37	1D54111GB	3 x 400 V ~ (1)	100	80	1D54211GB	471
		–	45	1D54111HB	3 x 400 V ~ (1)	100	80	1D54211HB	545
		–	55	1D54111KB	3 x 400 V ~ (1)	100	80	1D54211KB	650
		–	75	1D54111LB	3 x 400 V ~ (1)	100	80	1D54211LB	641
		–	90	1D54111MB	3 x 400 V ~ (1)	100	80	1D54211MB	909
KDN 80-315	4 POLES	7.5	–	1D55111AD	3 x 400 V ~ (1)	100	80	1D55211AD	390
		11	–	1D55111BD	3 x 400 V ~ (1)	100	80	1D55211BD	390
		15	–	1D55111CD	3 x 400 V ~ (1)	100	80	1D55211CD	390
		18.5	–	1D55111DD	3 x 400 V ~ (1)	100	80	1D55211DD	409
		22	–	1D55111ED	3 x 400 V ~ (1)	100	80	1D55211ED	348
		30	–	1D55111FD	3 x 400 V ~ (1)	100	80	1D55211FD	384
	2 POLES	–	55	1D55111KB	3 x 400 V ~ (1)	100	80	1D55211KB	720
		–	75	–	3 x 400 V ~ (1)	100	80	1D55211LB	840
		–	90	–	3 x 400 V ~ (1)	100	80	1D55211MB	950
		–	110	–	3 x 400 V ~ (1)	100	80	1D55211NB	1060

(1) Star starting is possible

DAB PUMPS reserves the right to make modifications without notice

KDN

STANDARDISED CENTRIFUGAL PUMPS

MODEL		POWER (kW)		CAST IRON IMPELLER	VOLTAGE 50 Hz	FLANGE DIMENSIONS (mm)		BRONZE IMPELLER	WEIGHT Kg
		4 POLES	2 POLES	CODE		DNA	DNM	CODE	
KDN 100-200	4 POLES	3	–	1D631117D	3 x 400 V ~ (1)	125	100	1D632117D	181
		4	–	1D631118D	3 x 400 V ~ (1)	125	100	1D632118D	188
		5,5	–	1D631119D	3 x 400 V ~ (1)	125	100	1D632119D	214
		7.5	–	1D63111AD	3 x 400 V ~ (1)	125	100	1D63211AD	209
		11	–	1D63111BD	3 x 400 V ~ (1)	125	100	1D63211BD	307
		15	–	1D63111CD	3 x 400 V ~ (1)	125	100	1D63211CD	380
	2 POLES	–	30	1D63111FB	3 x 400 V ~ (1)	125	100	1D63211FB	454
		–	37	1D63111GB	3 x 400 V ~ (1)	125	100	1D63211GB	402
		–	45	1D63111HB	3 x 400 V ~ (1)	125	100	1D63211HB	549
		–	55	1D63111KB	3 x 400 V ~ (1)	125	100	1D63211KB	623
		–	75	1D63111LB	3 x 400 V ~ (1)	125	100	1D63211LB	621
		–	90	1D63111MB	3 x 400 V ~ (1)	125	100	1D63211MB	621
KDN 100-250	4 POLES	5.5	–	1D641119D	3 x 400 V ~ (1)	125	100	1D642119D	241
		7.5	–	1D64111AD	3 x 400 V ~ (1)	125	100	1D64211AD	250
		11	–	1D64111BD	3 x 400 V ~ (1)	125	100	1D64211BD	292
		15	–	1D64111CD	3 x 400 V ~ (1)	125	100	1D64211CD	300
		18.5	–	1D64111DD	3 x 400 V ~ (1)	125	100	1D64211DD	578
	2 POLES	–	45	1D64111HB	3 x 400 V ~ (1)	125	100	1D64211HB	696
		–	55	1D64111KB	3 x 400 V ~ (1)	125	100	1D64211KB	696
		–	75	1D64111LB	3 x 400 V ~ (1)	125	100	1D64211LB	850
		–	90	1D64111MB	3 x 400 V ~ (1)	125	100	1D64211MB	670
		–	110	1D64111NB	3 x 400 V ~ (1)	125	100	1D64211NB	1120
KDN 100-315	4 POLES	11	–	1D65111BD	3 x 400 V ~ (1)	125	100	1D65211BD	313
		15	–	1D65111CD	3 x 400 V ~ (1)	125	100	1D65211CD	300
		18.5	–	1D65111DD	3 x 400 V ~ (1)	125	100	1D65211DD	346
		22	–	1D65111ED	3 x 400 V ~ (1)	125	100	1D65211ED	372
		30	–	1D65111FD	3 x 400 V ~ (1)	125	100	1D65211FD	458
		37	–	1D65111GD	3 x 400 V ~ (1)	125	100	1D65211GD	518
KDN 125-250	4 POLES	7.5	–	1D74111AD	3 x 400 V ~ (1)	150	125	1D74211AD	310
		11	–	1D74111BD	3 x 400 V ~ (1)	150	125	1D74211BD	328
		15	–	1D74111CD	3 x 400 V ~ (1)	150	125	1D74211CD	416
		18.5	–	1D74111DD	3 x 400 V ~ (1)	150	125	1D74211DD	422
		22	–	1D74111ED	3 x 400 V ~ (1)	150	125	1D74211ED	463
		30	–	1D74111FD	3 x 400 V ~ (1)	150	125	1D74211FD	511
KDN 150-200	4 POLES	5.5	–	1D831119D	3 x 400 V ~ (1)	200	150	1D832119D	454
		7.5	–	1D83111AD	3 x 400 V ~ (1)	200	150	1D83211AD	454
		11	–	1D83111BD	3 x 400 V ~ (1)	200	150	1D83211BD	454
		15	–	1D83111CD	3 x 400 V ~ (1)	200	150	1D83211CD	454
		18.5	–	1D83111DD	3 x 400 V ~ (1)	200	150	1D83211DD	454

(1) Star starting is possible

TECHNICAL DATA - HYDRAULIC PART

CAST IRON IMPELLER

MODEL	CODE	DNA	DNM	WEIGHT Kg
KDN 32-125.1	1D1K11000	50	32	37
KDN 32-125	1D1111000	50	32	36
KDN 32-160.1	1D1L11000	50	32	38
KDN 32-160	1D1211000	50	32	38
KDN 32-200.1	1D1M11000	50	32	46
KDN 32-200	1D1311000	50	32	46
KDN 40-125	1D2111000	65	40	39
KDN 40-160	1D2211000	65	40	41
KDN 40-200	1D2311000	65	40	49
KDN 40-250	1D2411000	65	40	57
KDN 50-125	1D3111000	65	50	42
KDN 50-160	1D3211000	65	50	44
KDN 50-200	1D3311000	65	50	51
KDN 50-250	1D3411000	65	50	59
KDN 65-125	1D4111000	80	65	46
KDN 65-160	1D4211000	80	65	47
KDN 65-200	1D4311000	80	65	66
KDN 65-250	1D4411000	80	65	93
KDN 65-315	1D4511000	80	65	112
KDN 80-160	1D5211000	100	80	55
KDN 80-200	1D5311000	100	80	84
KDN 80-250	1D5411000	100	80	104
KDN 80-315	1D5511000	100	80	122
KDN 100-200	1D6311000	125	100	96
KDN 100-250	1D6411000	125	100	111
KDN 100-315	1D6511000	125	100	126
KDN 125-250	1D7411000	150	125	135
KDN 150-200	1D8311000	200	150	178



BRONZE IMPELLER

MODEL	CODE	DNA	DNM	WEIGHT Kg.
KDN 32-125.1	1D1K21000	50	32	37
KDN 32-125	1D1121000	50	32	37
KDN 32-160.1	1D1L21000	50	32	38
KDN 32-160	1D1221000	50	32	38
KDN 32-200.1	1D1M21000	50	32	38
KDN 32-200	1D1321000	50	32	48
KDN 40-125	1D2121000	65	40	40
KDN 40-160	1D2221000	65	40	41
KDN 40-200	1D2321000	65	40	52
KDN 40-250	1D2421000	65	40	58
KDN 50-125	1D3121000	65	50	42
KDN 50-160	1D3221000	65	50	44
KDN 50-200	1D3321000	65	50	52
KDN 50-250	1D3421000	65	50	60
KDN 65-125	1D4121000	80	65	47
KDN 65-160	1D4221000	80	65	49
KDN 65-200	1D4321000	80	65	58
KDN 65-250	1D4421000	80	65	99
KDN 65-315	1D4521000	80	65	114
KDN 80-160	1D5221000	100	80	57
KDN 80-200	1D5321000	100	80	82
KDN 80-250	1D5421000	100	80	107
KDN 80-315	1D5521000	100	80	124
KDN 100-200	1D6321000	125	100	98
KDN 100-250	1D6421000	125	100	115
KDN 100-315	1D6521000	125	100	133
KDN 125-250	1D7421000	150	125	133
KDN 150-200	1D8321000	200	150	178



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SPECIAL VERSION

MODEL
KDN 32-125.1
KDN 32-125
KDN 32-160.1
KDN 32-160
KDN 32-200.1
KDN 32-200
KDN 40-125
KDN 40-160
KDN 40-200
KDN 40-250
KDN 50-125
KDN 50-160
KDN 50-200
KDN 50-250
KDN 65-125
KDN 65-160
KDN 65-200
KDN 65-250
KDN 65-315
KDN 80-160
KDN 80-200
KDN 80-250
KDN 80-315
KDN 100-200
KDN 100-250
KDN 100-315
KDN 125-250
KDN 150-200

VERSIONS WITH SPECIAL MECHANICAL SEALS

(1) Ref. Technical catalogue
Mechanical seal with rubber bellows:
Silicon carbide / Silicon carbide / EPDM

(2) Ref. Technical catalogue
Mechanical seal with rubber bellows:
Silicon carbide / Silicon carbide / Viton

(3) Ref. Technical catalogue
Mechanical seal with rubber bellows:
Carbon / Silicon carbide / Viton

(4) Ref. Technical catalogue SNE
Stuffing box not cooled

(5) Ref. Technical catalogue SNO
Stuffing box not cooled without hydraulic ring

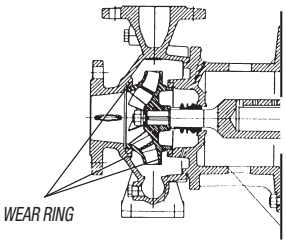
(6) Ref. Technical catalogue SNF
Stuffing box not cooled with external liquid

SPECIAL VERSION

MODEL
KDN 32-125.1
KDN 32-125
KDN 32-160.1
KDN 32-160
KDN 32-200.1
KDN 32-200
KDN 40-125
KDN 40-160
KDN 40-200
KDN 40-250
KDN 50-125
KDN 50-160
KDN 50-200
KDN 50-250
KDN 65-125
KDN 65-160
KDN 65-200
KDN 65-250
KDN 65-315
KDN 80-160
KDN 80-200
KDN 80-250
KDN 80-315
KDN 100-200
KDN 100-250
KDN 100-315
KDN 125-250
KDN 150-200

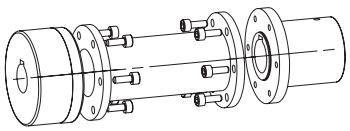
CATAPHORESY COATING FOR COMPONENTS IN CONTACT WITH LIQUID

SPECIAL VERSION



WITH WEAR RING

MODEL
KDN 32-125.1
KDN 32-125
KDN 32-160.1
KDN 32-160
KDN 32-200.1
KDN 32-200
KDN 40-125
KDN 40-160
KDN 40-200
KDN 40-250
KDN 50-125
KDN 50-160
KDN 50-200
KDN 50-250
KDN 65/125
KDN 65-160
KDN 65-200
KDN 65-250
KDN 65-315
KDN 80-160
KDN 80-200
KDN 80-250
KDN 80-315
KDN 100-200
KDN 100-250
KDN 100-315
KDN 125-250
KDN 150-200



WITH SPACER COUPLING

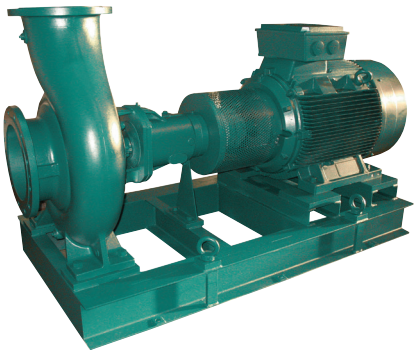
MODEL
KDN 32-125.1
KDN 32-125
KDN 32-160.1
KDN 32-160
KDN 32-200.1
KDN 32-200
KDN 40-125
KDN 40-160
KDN 40-200
KDN 40-250
KDN 50-125
KDN 50-160
KDN 50-200
KDN 50-250
KDN 65/125
KDN 65-160
KDN 65-200
KDN 65-250
KDN 65-315
KDN 80-160
KDN 80-200
KDN 80-250
KDN 80-315
KDN 100-200
KDN 100-250
KDN 100-315
KDN 125-250
KDN 150-200

DAB PUMPS reserves the right to make modifications without notice

KDN OVERSIZE

STANDARDISED CENTRIFUGAL PUMPS

CONDITIONING, IRRIGATION, WATER TRANSFER, PRESSURIZATION, INDUSTRIAL APPLICATION

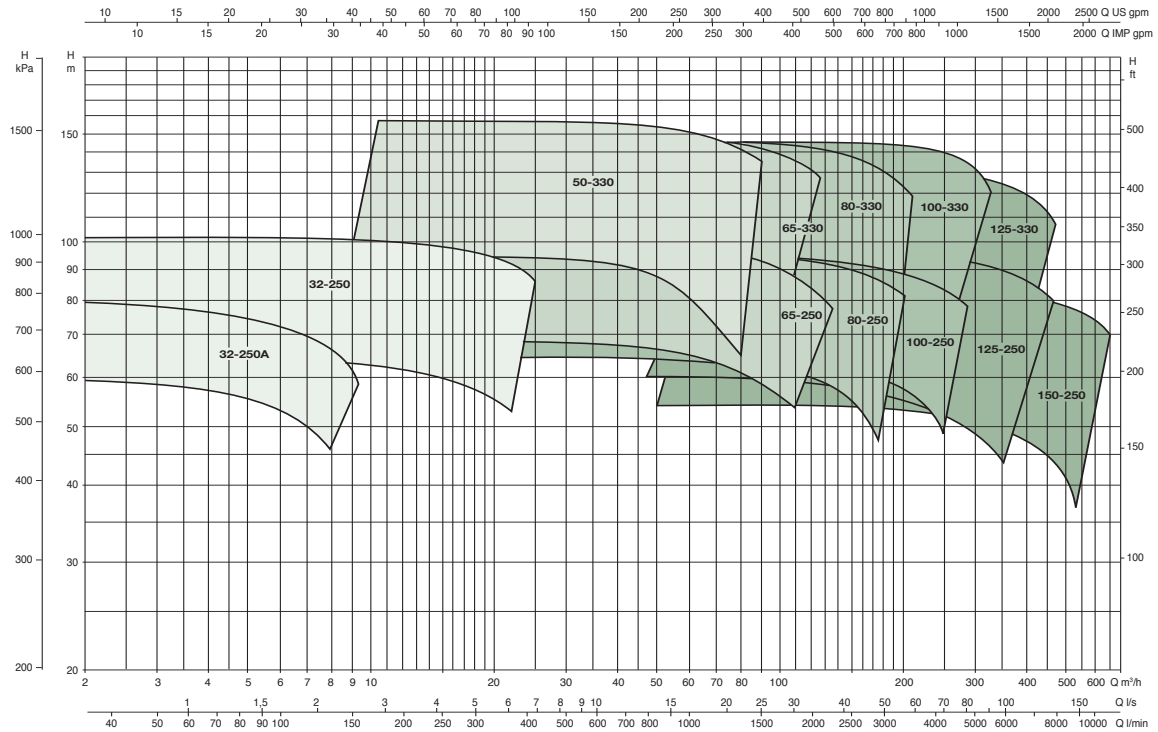


Single-stage centrifugal pump body with axial suction port, radial discharge port and horizontal shaft components.
The KDN pumps have dimensions and nominal performances according to EN 733 (10 bar) but are designed for 16 bar operation wherever the shaft seal type allows it.
The suction and discharge flanges are according to EN 7005 PN 10 or 16. All pumps are dynamically balanced according to ISO 1940 class 6.3 and impellers are hydraulically balanced. Pump and motor are mounted on a common baseplate in accordance with EN 23 661 in all-welded steel. Oversizes have profile base frames. Due to the pump design the complete bearing assembly including impeller and shaft seal can be dismantled without removing the pump body from the pipe system (back-pull-out design).
Asynchronous, closed and cooled with external ventilation, 2, 4 or 6 poles motors.

Electrical protection: in compliance with the EEC 89/336 ELECTROMAGNETIC COMPATIBILITY directive and subsequent amendments, EEC 73/23 LOW VOLTAGE directive and subsequent amendments and CEI 2-3 standards.
Flow: Max. 2200 m^3/h
Head: Max. 158 m
Liquid temperature: from -25°C to +140°C
Operating pressure: Max. 16 bar
Motor construction: B3
Protection level: IP 55
Insulation class: F
Supply voltage: Three-phase 230-400V 50 Hz up to 2.2 kW included 400V Δ 50 Hz over 2.2 Kw
Special versions on request: other voltages and/or frequencies
IE3 motor efficiency class available on request. Please contact our sales network for a price quotation.

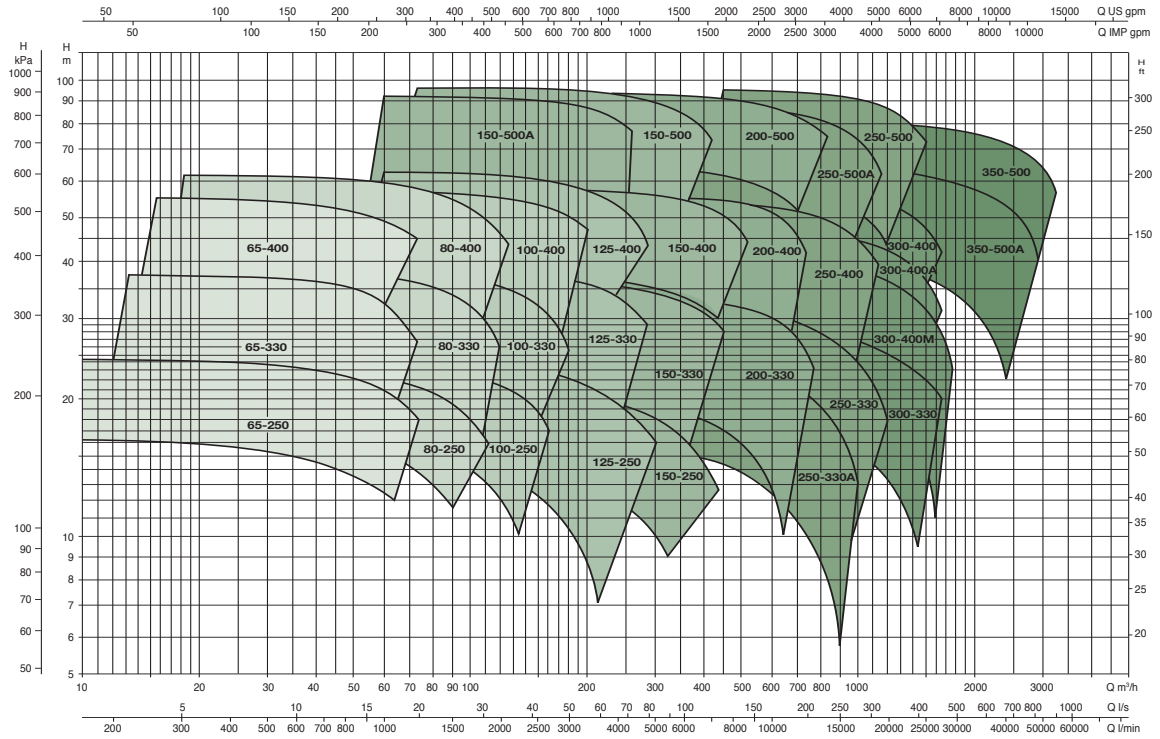
Complete electric pump or liquid end only is available – Please contact our sales network for a price quotation

KDN OVERSIZE - 2 POLES - STANDARDISED CENTRIFUGAL PUMPS ON SKID



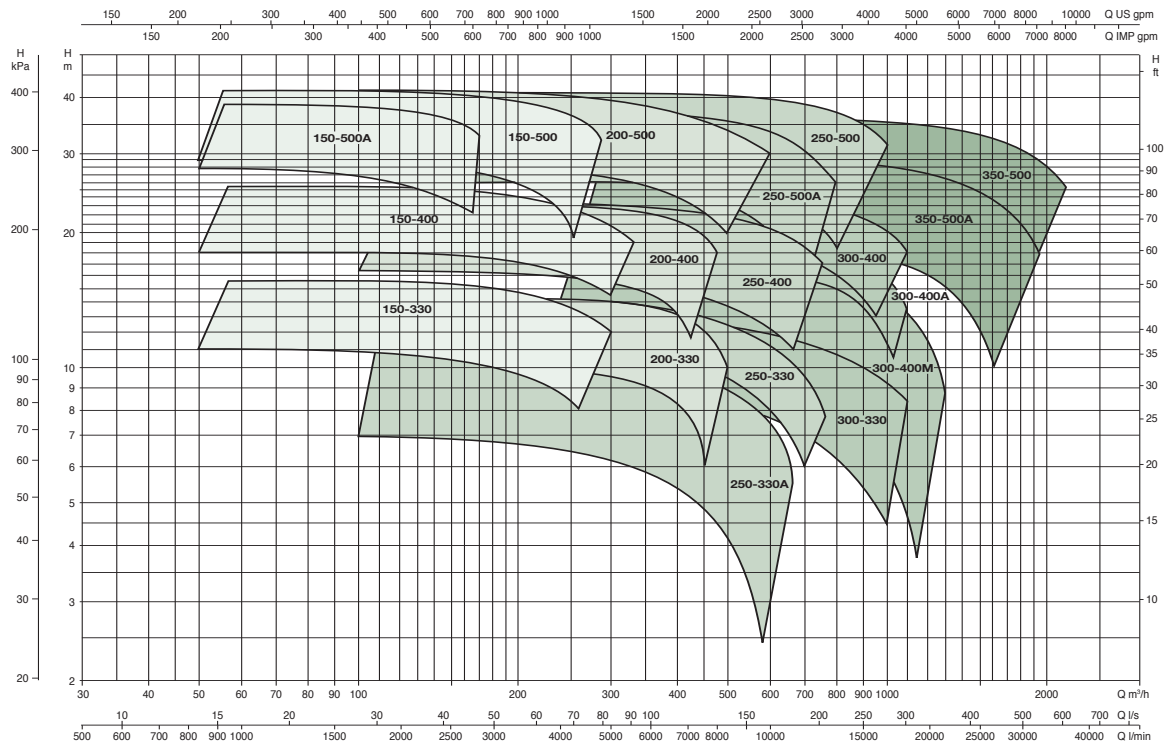
= 2900 1/min

KDN OVERSIZE - 4 POLES - STANDARDISED CENTRIFUGAL PUMPS ON SKID



= 1450 1/min

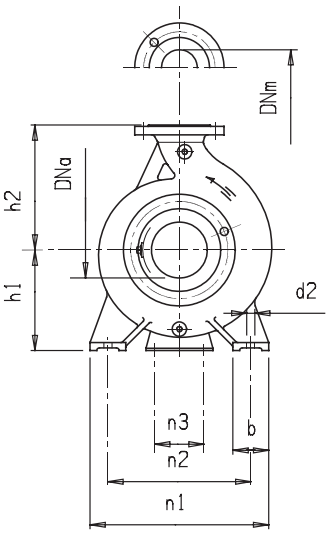
KDN OVERSIZE - 6 POLES - STANDARDISED CENTRIFUGAL PUMPS ON SKID

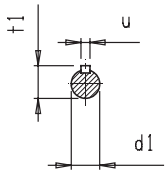


= 970 1/min

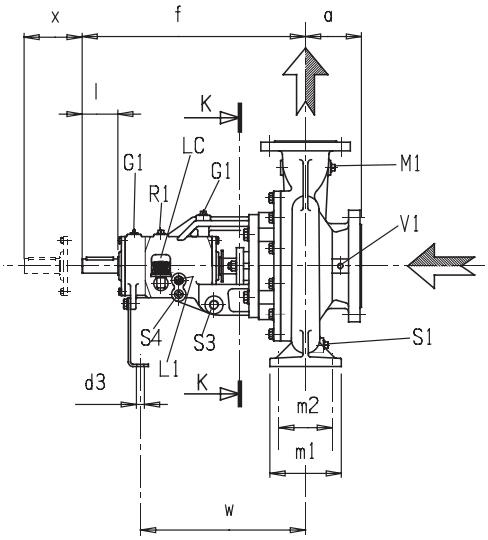
DAB PUMPS reserves the right to make modifications without notice

DIMENSIONS AND WEIGHTS





d1	u	t1
24	8	27
32	10	35
42	12	45
45	14	48,5
48	14	51,5
50	14	53,5
55	16	59
65	18	69



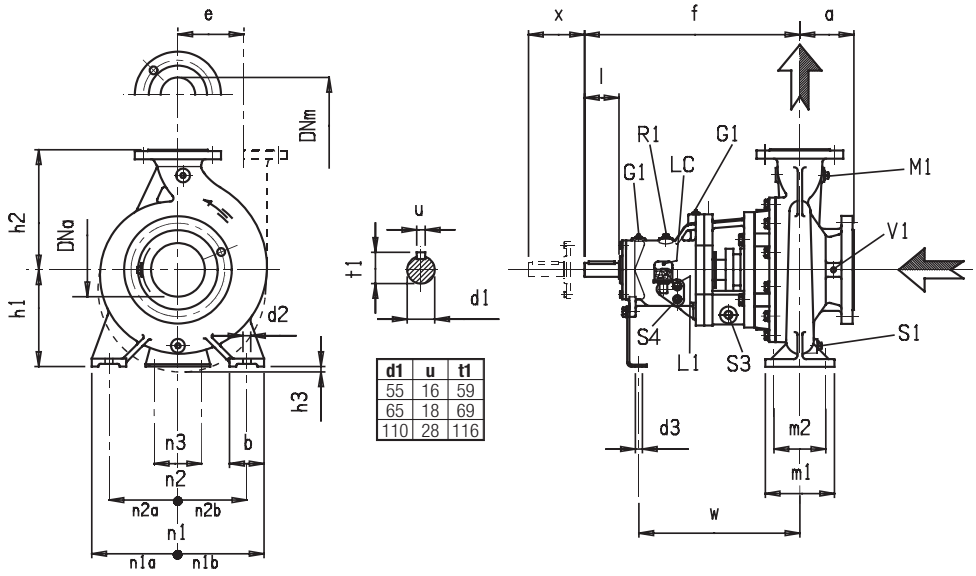
M1 Pressure gauge connection
S1 Drain plug
S3 Packing drain connection 1/2"
V1 Vacuum gauge connection

Grease lubrication
G1 Greaser

Oil lubrication
R1 Oil filling - 3/8"
L1 Oil level - 3/8"
S4 Oil drain plug - 3/8"
LC Constant level oil - 1/4"

MODEL	Supp.	DNa	DNm	a	f	h1	h2	b	m1	m2	n1	n2	d2	n3	d3	w	x	d1	l	M1	S1	V1	Kg
KDN 32-250	2	50	32	100	500	180	225	65	125	95	320	250	14	110	14	370	100	32	80	3/8"	1/4"	1/4"	78
KDN 32-250A	2	50	32	100	500	180	225	65	125	95	320	250	14	110	14	370	100	32	80	3/8"	1/4"	1/4"	78
KDN 50-330	2	80	50	125	500	225	280	65	125	95	345	280	14	110	14	370	100	32	80	3/8"	1/4"	1/4"	116
KDN 65-250	2	100	65	125	500	200	250	80	160	120	360	280	18	110	14	370	140	32	80	3/8"	1/4"	1/4"	88
KDN 65-330	3	100	65	125	530	225	280	80	160	120	400	315	18	110	14	370	140	42	110	3/8"	1/4"	1/4"	152
KDN 65-400	3	100	65	125	530	280	355	80	160	120	435	355	18	110	14	370	140	42	110	3/8"	1/4"	1/4"	180
KDN 80-250	2	125	80	125	500	225	280	80	160	120	400	315	18	110	14	370	140	32	80	3/8"	3/8"	3/8"	100
KDN 80-330	3	125	80	125	530	250	315	80	160	120	400	315	18	110	14	370	140	42	110	3/8"	3/8"	3/8"	155
KDN 80-400	3	125	80	125	530	280	355	80	160	120	435	365	18	110	14	370	140	42	110	3/8"	3/8"	3/8"	185
KDN 100-250	3	125	100	140	530	225	280	80	160	120	400	315	18	110	14	370	140	42	110	3/8"	3/8"	3/8"	130
KDN 100-330	3	125	100	140	530	250	315	80	160	120	400	315	18	110	14	370	140	42	110	3/8"	3/8"	3/8"	170
KDN 100-400	3	125	100	140	530	280	355	100	200	150	500	400	23	110	14	370	140	42	110	1/2"	3/8"	3/8"	200
KDN 125-250	3	150	125	140	530	250	355	80	160	120	400	315	18	110	14	370	140	42	110	1/2"	3/8"	3/8"	140
KDN 125-330	3	150	125	140	530	280	355	100	200	150	500	400	23	110	14	370	140	42	110	1/2"	3/8"	3/8"	190
KDN 125-400	3	150	125	140	530	315	400	100	200	150	500	400	23	110	14	370	140	42	110	1/2"	3/8"	3/8"	220
KDN 150-250	3	200	150	160	530	280	375	100	200	150	500	400	23	110	14	370	180	42	110	1/2"	1/2"	3/8"	180
KDN 150-330	4	200	150	160	670	315	400	100	200	150	550	450	22	140	18	500	180	55 1)	110	1/2"	1/2"	3/8"	255
KDN 150-400	4	200	150	160	670	315	450	100	200	150	550	450	22	140	18	500	180	55 1)	110	1/2"	1/2"	3/8"	298
KDN 150-500	4	200	150	180	670	355	500	100	200	150	550	450	22	140	18	500	180	55	110	1/2"	1/2"	3/8"	410
KDN 150-500A	4	200	150	180	670	355	500	100	200	150	550	450	22	140	18	500	180	55	110	1/2"	1/2"	3/8"	410

DIMENSIONS AND WEIGHTS



d1	u	t1
55	16	59
65	18	69
110	28	116

M1 Pressure gauge connection
S1 Drain plug
S3 Packing drain connection 1/2”
V1 Vacuum gauge connection

Grease lubrication
G1 Greaser

Oil lubrication
R1 Oil filling - 3/8”
L1 Oil level - 3/8”
S4 Oil drain plug - 3/8”
LC Constant level oil - 1/4”

MODEL	Supp.	DNa.	DNm	a	f	h1	h2	b	m1	m2	n1	n1a	n1b	n2	n2a	n2b	d2	n3	d3	h3	e	w	x	d1	l	M1	S1	V1	kg.
KDN 200-330	4	250	200	200	670	355	450	100	200	150	550	275	275	450	225	225	22	140	18			500	180	55	110	1/2”	1/2”	3/8”	360
KDN 200-400	4	250	200	185	670	355	500	100	200	150	550	275	275	450	225	225	22	140	18			500	180	55	110	1/2”	1/2”	3/8”	390
KDN 200-500	4	250	200	185	670	400	580	140	250	190	800	400	400	660	330	330	27	140	18	15		500	180	55	110	1/2”	1/2”	3/8”	400
KDN 250-330	4	300	250	250	670	400	525	140	250	190	700	350	350	560	280	280	27	140	18			500	240	55	110	1/2”	1/2”	3/8”	410
KDN 250-400	5	300	250	225	780	400	600	125	250	190	690	345	345	560	280	280	27	140	18			545	180	65	140	1/2”	1/2”	3/8”	650
KDN 250-500	5	300	250	300	800	500	500	130	260	190	830	380	450	710	320	390	27	140	18		425	565	250	65	140	1/2”	1/2”	3/8”	700
KDN 250-500A	5	300	250	300	800	500	500	130	260	190	830	380	450	710	320	390	27	140	18		425	565	250	65	140	1/2”	1/2”	3/8”	700
KDN 300-330	4	350	300	300	720	500	670	150	360	280	900	450	450	750	375	375	27	140	18			550	240	55	110	1/2”	1/2”	3/8”	780
KDN 300-400	5	350	300	325	790	400	640	125	250	190	690	345	345	560	280	280	27	140	18			555	240	65	140	1/2”	1/2”	3/8”	800
KDN 300-400A	5	350	300	325	790	400	640	125	250	190	690	345	345	560	280	280	27	140	18			555	240	65	140	1/2”	1/2”	3/8”	800
KDN 300-400M	5	350	300	300	845	500	670	150	360	280	900	450	450	750	375	375	27	140	18			610	240	65	140	1/2”	1/2”	3/8”	900
KDN 350-500	6	400	350	380	1150	600	600	150	400	300	1000	450	550	850	375	475	27	140	18		450	800	380	110	210	1/2”	1/2”	3/8”	1080
KDN 350-500A	6	400	350	380	1150	600	600	150	400	300	1000	450	550	850	375	475	27	140	18		450	800	380	110	210	1/2”	1/2”	3/8”	1080

DAB PUMPS reserves the right to make modifications without notice

KVC / KVCX

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

ENERGY EFFICIENCY IE2



KVC



KVCX

CIVIL AND INDUSTRIAL PRESSURIZATION UNITS

Vertical multistage centrifugal pump suitable for use in small and medium water supply installations.
Suitable for pressurization units, surge tank supply, rain irrigation and crop-dusting systems, fire-fighting and washing systems, conveyance of condensate and cooling water.
Innovative and robust design.
Technopolymer discharge/suction bodies and in-line suction and discharge ports with threaded metal insert.
Impellers, diffuser bodies and diffusers in technopolymer, fully rust-proof. Stainless steel AISI 303 pump jacket, adjustment rings and seal disk.
Carbon/ceramic mechanical seal, fitted on the AISI 303 stainless-steel drive shaft extension.
Asynchronous, closed motor cooled by external ventilation.
Rotor mounted on oversized greased sealed-for-life ball bearings to ensure silent running and long life.
Built-in thermal and current overload protection and a capacitor permanently on in the singlephase version.
Protection for the three-phase version is the responsibility of the user.

Built in CEI 2-3/CEI 61/69 (EN 60335-2-41) standards.
Level of protection: IP 55
Insulation class: F
Standard voltage:
Single-phase 220-240 V / 50 Hz
Three-phase 230-400 V / 50 Hz
Operating range: from 50 to 200 litre/min. with head up to 113 m.
Pumped liquid: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral and close to the characteristics of water.
Liquid temperature range:
from 0°C to +35°C for domestic use
(EN 60335-2-41 safety standards).
from 0°C to +40°C for other uses.
Maximum ambient temperature: +40°C
Maximum working pressure: 12 bar (1200 kPa).
Installation: fixed, in vertical or horizontal position.
Providing that the motor is positioned above the pump.
Special versions on request: Other voltages and/or frequencies.

ACCESSORIES
PAG. 443

KVC

MODEL	CODE	N° IMPELL.	ELECTRICAL DATA						HYDRAULIC DATA									
			VOLTAGE 50 Hz	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,6	1,2	1,8	2,4	3	3,3	3,9	4,8
				kW	HP		µF	Vc	Q=l/min	0	10	20	30	40	50	55	65	80
KVC 15-30 M	102990320	2	1 x 220 - 240 V ~	0,25	0,33	1,6	14	450		22,4	21,2	19,2	16,7	13,8	9,9	7,6		
KVC 15-30 T	102990330	2	3 x 230 - 400 V ~	0,25	0,33	1,4-0,8	-	-		22,4	21,2	19,2	16,7	13,8	9,9	7,6		
KVC 25-30 M	102990340	3	1 x 220 - 240 V ~	0,37	0,5	2,4	14	450		33,9	32,1	29,1	25,3	20,9	15,0	11,6		
KVC 25-30 T	102990350	3	3 x 230 - 400 V ~	0,37	0,5	1,7-1,0	-	-		33,9	32,1	29,1	25,3	20,9	15,0	11,6		
KVC 35-30 M	102990000	4	1 x 220 - 240 V ~	0,45	0,6	3,2	14	450		45,6	43,2	39,1	34,1	28,2	20,2	15,6		
KVC 35-30 T	102990010	4	3 x 230 - 400 V ~	0,45	0,6	2,1-1,2	-	-		45,6	43,2	39,1	34,1	28,2	20,2	15,6		
KVC 45-30 M	102990020	5	1 x 220 - 240 V ~	0,55	0,75	4	14	450		56,6	53,5	48,4	42,0	34,6	24,5	19,0		
KVC 45-30 T	102990030	5	3 x 230 - 400 V ~	0,55	0,75	2,4-1,4	-	-		56,6	53,5	48,4	42,0	34,6	24,5	19,0		
KVC 50-30 M	102990040	6	1 x 220 - 240 V ~	0,75	1	4,9	16	450		69,8	66,2	59,9	52,2	43,1	30,9	23,9		
KVC 50-30 T	60145203	6	3 x 230 - 400 V ~	0,75	1	3,8-2,2	-	-		69,8	66,2	59,9	52,2	43,1	30,9	23,9		
KVC 60-30 M	102990060	7	1 x 220 - 240 V ~	0,8	1,1	5,6	20	450		82,0	77,0	70,0	61,0	49,5	35,5	27,5		
KVC 60-30 T	60145204	7	3 x 230 - 400 V ~	0,8	1,1	3,8-2,2	-	-		82,0	77,0	70,0	61,0	49,5	35,5	27,5		
KVC 70-30 M	102990080	8	1 x 220 - 240 V ~	1	1,36	6,5	25	450	H (m)	95,0	90,0	81,5	71,0	58,7	42,0	32,5		
KVC 70-30 T	60145302	8	3 x 230 - 400 V ~	1	1,36	4,4-2,6	-	-		95,0	90,0	81,5	71,0	58,7	42,0	32,5		
KVC 20-50 M	102990360	2	1 x 220 - 240 V ~	0,37	0,5	2,5	14	450		27,4	26,9	26,0	24,9	23,1	21,1	19,8	16,9	11,4
KVC 20-50 T	102990370	2	3 x 230 - 400 V ~	0,37	0,5	1,7-1,0	-	-		27,4	26,9	26,0	24,9	23,1	21,1	19,8	16,9	11,4
KVC 30-50 M	102990100	3	1 x 220 - 240 V ~	0,55	0,75	4	14	450		41,1	40,3	39,0	37,3	34,7	31,6	29,7	25,3	17,1
KVC 30-50 T	102990110	3	3 x 230 - 400 V ~	0,55	0,75	2,4-1,4	-	-		41,1	40,3	39,0	37,3	34,7	31,6	29,7	25,3	17,1
KVC 40-50 M	102990120	4	1 x 220 - 240 V ~	0,8	1,1	5,6	20	450		54,9	53,7	52,0	49,7	46,3	42,1	39,6	33,7	22,9
KVC 40-50 T	60145303	4	3 x 230 - 400 V ~	0,8	1,1	3,8-2,2	-	-		54,9	53,7	52,0	49,7	46,3	42,1	39,6	33,7	22,9
KVC 55-50 M	102990140	5	1 x 220 - 240 V ~	1	1,36	6,4	25	450		68,6	67,1	65,0	62,1	57,9	52,7	49,5	42,1	28,6
KVC 55-50 T	60145304	5	3 x 230 - 400 V ~	1	1,36	4,4-2,6	-	-		68,6	67,1	65,0	62,1	57,9	52,7	49,5	42,1	28,6
KVC 65-50 M	102990160	6	1 x 220 - 240 V ~	1,1	1,5	7,4	31,5	450		82,3	80,6	78,0	74,6	69,4	63,2	59,4	50,6	34,3
KVC 65-50 T	60145878	6	3 x 230 - 400 V ~	1,1	1,5	7-4	-	-		82,3	80,6	78,0	74,6	69,4	63,2	59,4	50,6	34,3
KVC 75-50 M	102990180	7	1 x 220 - 240 V ~	1,5	2	9	31,5	450		96,0	94,0	91,0	87,0	81,0	73,8	69,3	59,0	40,0
KVC 75-50 T	60145879	7	3 x 230 - 400 V ~	1,5	2	7,7-4,3	-	-		96,0	94,0	91,0	87,0	81,0	73,8	69,3	59,0	40,0

KVC

MODEL	CODE	N° IMPELL.	ELECTRICAL DATA						HYDRAULIC DATA																		
			VOLTAGE 50 Hz	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,6	1,2	1,8	2,4	3	3,3	3,9	4,8	5,4	6	7,2	8,4	9,6	10,8	12
				kW	HP		µF	Vc	Q=l/min	0	10	20	30	40	50	55	65	80	90	100	120	140	160	180	200
KVC 15-80 M	102990380	2	1 x 220 - 240 V ~	0,37	0,5	2,5	14	450		22,8	22,4	21,7	21,1	20,3	19,1	18,3	16,8	14,0	11,7	9,5	4,5				
KVC 15-80 T	102990390	2	3 x 230 - 400 V ~	0,37	0,5	1,7-1,0	-	-		22,8	22,4	21,7	21,1	20,3	19,1	18,3	16,8	14,0	11,7	9,5	4,5				
KVC 20-80 M	102990200	3	1 x 220 - 240 V ~	0,55	0,75	4,1	14	450		34,6	34,0	33,0	32,1	30,9	29,2	28,0	25,8	21,7	18,3	14,9	7,5				
KVC 20-80 T	102990210	3	3 x 230 - 400 V ~	0,55	0,75	2,4-1,4	-	-		34,6	34,0	33,0	32,1	30,9	29,2	28,0	25,8	21,7	18,3	14,9	7,5				
KVC 30-80 M	102990220	4	1 x 220 - 240 V ~	0,8	1,1	5,6	20	450		46,6	45,8	44,6	43,4	41,8	39,5	38,0	35,2	29,8	25,5	21,0	11,0				
KVC 30-80 T	60145305	4	3 x 230 - 400 V ~	0,8	1,1	3,8-2,2	-	-		46,6	45,8	44,6	43,4	41,8	39,5	38,0	35,2	29,8	25,5	21,0	11,0				
KVC 40-80 M	102990240	5	1 x 220 - 240 V ~	1	1,36	6,5	25	450		58,8	57,9	56,5	55,0	53,1	50,3	48,5	45,0	38,4	33,1	27,6	15,1				
KVC 40-80 T	60145306	5	3 x 230 - 400 V ~	1	1,36	4,4-2,6	-	-		58,8	57,9	56,5	55,0	53,1	50,3	48,5	45,0	38,4	33,1	27,6	15,1				
KVC 45-80 M	102990260	6	1 x 220 - 240 V ~	1,1	1,5	7,4	31,5	450		71,3	70,2	68,7	66,9	64,7	61,4	59,4	55,3	47,5	41,4	34,9	19,9				
KVC 45-80 T	60145880	6	3 x 230 - 400 V ~	1,1	1,5	5,4-3,1	-	-		71,3	70,2	68,7	66,9	64,7	61,4	59,4	55,3	47,5	41,4	34,9	19,9				
KVC 55-80 M	102990280	7	1 x 220 - 240 V ~	1,5	2	9	31,5	450	H (m)	84,0	82,8	81,2	79,2	76,6	72,9	70,7	66,0	57,1	50,3	42,8	25,5				
KVC 55-80 T	60145881	7	3 x 230 - 400 V ~	1,5	2	6,2-3,6	-	-		84,0	82,8	81,2	79,2	76,6	72,9	70,7	66,0	57,1	50,3	42,8	25,5				
KVC 65-80 T	60145913	8	3 x 230 - 400 V ~	2,2	3	8-4,6	-	-		97,0	95,7	94,0	91,8	88,9	84,7	82,5	77,2	67,3	59,9	51,5	32,0				
KVC 25-120 M	102990400	2	1 x 220 - 240 V ~	1	1,36	6,5	25	450		30,4	30,3	30,2	30,0	29,9	29,6	29,3	28,7	27,7	26,9	25,9	23,2	19,9	16,4	12,0	7,0
KVC 25-120 T	60145816	2	3 x 230 - 400 V ~	1	1,36	5-2,9	-	-		30,4	30,3	30,2	30,0	29,9	29,6	29,3	28,7	27,7	26,9	25,9	23,2	19,9	16,4	12,0	7,0
KVC 35-120 M	102990420	3	1 x 220 - 240 V ~	1,1	1,5	7,4	31,5	450		46,2	46,1	45,7	45,3	44,8	44,0	43,7	42,7	40,9	39,3	37,4	33,7	29,4	24,2	18,0	11,0
KVC 35-120 T	60145817	3	3 x 230 - 400 V ~	1,1	1,5	6-3,5	-	-		46,2	46,1	45,7	45,3	44,8	44,0	43,7	42,7	40,9	39,3	37,4	33,7	29,4	24,2	18,0	11,0
KVC 45-120 M	102990440	4	1 x 220 - 240 V ~	1,85	2,5	12	40	450		62,4	62,0	61,4	60,8	60,1	59,1	58,6	57,5	55,3	53,4	51,4	46,2	40,6	34,0	26,3	17,0
KVC 45-120 T	60145960	4	3 x 230 - 400 V ~	1,85	2,5	7,9-4,6	-	-		62,4	62,0	61,4	60,8	60,1	59,1	58,6	57,5	55,3	53,4	51,4	46,2	40,6	34,0	26,3	17,0
KVC 60-120 T	60145961	5	3 x 230 - 400 V ~	2,2	3	9,3-5,4	-	-		78,0	77,5	76,7	75,9	75,1	73,9	73,3	71,5	68,3	65,9	63,2	58,0	51,0	43,4	35,0	24,5
KVC 70-120 T	60146006	6	3 x 230 - 400 V ~	3	4	11,8-6,8	-	-		95,0	94,3	93,4	92,5	91,4	89,8	88,9	86,8	83,2	80,5	77,9	71,7	63,9	54,7	44,0	31,0
KVC 85-120 T	60146007	7	3 x 230 - 400 V ~	3	4	13,5-7,8	-	-		112,7	111,6	110,3	109,0	107,6	105,7	104,5	101,9	97,5	94,1	89,9	81,6	72,1	61,2	48,9	34,0

KVCX

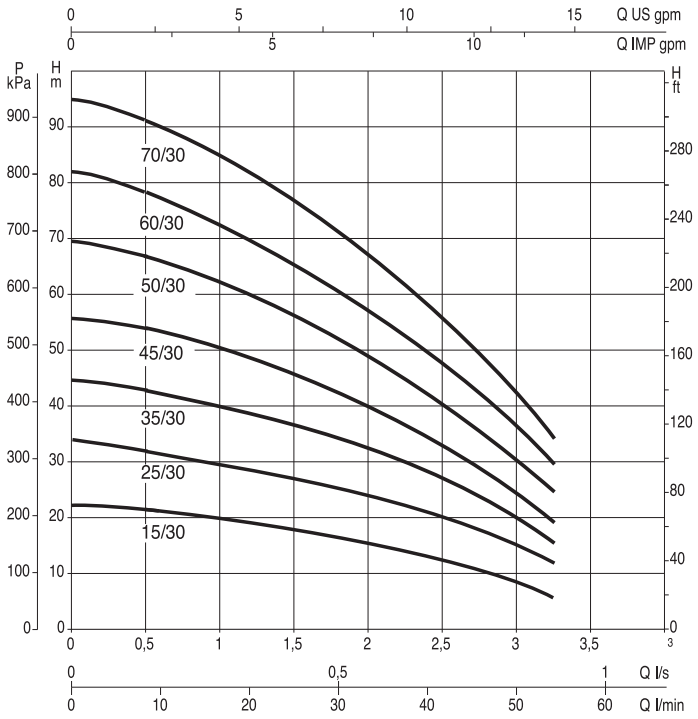
MODEL	CODE	N° IMPELL.	ELECTRICAL DATA						HYDRAULIC DATA									
			VOLTAGE 50 Hz	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,6	1,2	1,8	2,4	3	3,3	3,9	4,8
				kW	HP		µF	Vc	Q=l/min	0	10	20	30	40	50	55	65	80
KVCX 15-30 M	102980320	2	1 x 220 - 240 V ~	0,25	0,33	1,6	14	450		22,4	21,2	19,2	16,7	13,8	9,9	7,6		
KVCX 15-30 T	102980330	2	3 x 230 - 400 V ~	0,25	0,33	1,4-0,8	-	-		22,4	21,2	19,2	16,7	13,8	9,9	7,6		
KVCX 25-30 M	102980340	3	1 x 220 - 240 V ~	0,37	0,5	2,4	14	450		33,9	32,1	29,1	25,3	20,9	15,0	11,6		
KVCX 25-30 T	102980350	3	3 x 230 - 400 V ~	0,37	0,5	1,7-1,0	-	-		33,9	32,1	29,1	25,3	20,9	15,0	11,6		
KVCX 35-30 M	102980000	4	1 x 220 - 240 V ~	0,45	0,6	3,2	14	450		45,6	43,2	39,1	34,1	28,2	20,2	15,6		
KVCX 35-30 T	102980010	4	3 x 230 - 400 V ~	0,45	0,6	2,1-1,2	-	-		45,6	43,2	39,1	34,1	28,2	20,2	15,6		
KVCX 45-30 M	102980020	5	1 x 220 - 240 V ~	0,55	0,75	4	14	450		56,6	53,5	48,4	42,0	34,6	24,5	19,0		
KVCX 45-30 T	102980030	5	3 x 230 - 400 V ~	0,55	0,75	2,4-1,4	-	-		56,6	53,5	48,4	42,0	34,6	24,5	19,0		
KVCX 50-30 M	102980040	6	1 x 220 - 240 V ~	0,75	1	4,9	16	450	H (m)	69,8	66,2	59,9	52,2	43,1	30,9	23,9		
KVCX 50-30 T	60145199	6	3 x 230 - 400 V ~	0,75	1	3,8-2,2	-	-		69,8	66,2	59,9	52,2	43,1	30,9	23,9		
KVCX 60-30 M	102980060	7	1 x 220 - 240 V ~	0,8	1,1	5,6	20	450		82,0	77,0	70,0	61,0	49,5	35,5	27,5		
KVCX 60-30 T	60145201	7	3 x 230 - 400 V ~	0,8	1,1	3,8-2,2	-	-		82,0	77,0	70,0	61,0	49,5	35,5	27,5		
KVCX 70-30 M	102980080	8	1 x 220 - 240 V ~	1	1,36	6,5	25	450		95,0	90,0	81,5	71,0	58,7	42,0	32,5		
KVCX 70-30 T	60145291	8	3 x 230 - 400 V ~	1	1,36	4,4-2,6	-	-		95,0	90,0	81,5	71,0	58,7	42,0	32,5		
KVCX 20-50 M	102980360	2	1 x 220 - 240 V ~	0,37	0,5	2,5	14	450		27,4	26,9	26,0	24,9	23,1	21,1	19,8	16,9	11,4
KVCX 20-50 T	102980370	2	3 x 230 - 400 V ~	0,37	0,5	1,7-1,0	-	-		27,4	26,9	26,0	24,9	23,1	21,1	19,8	16,9	11,4

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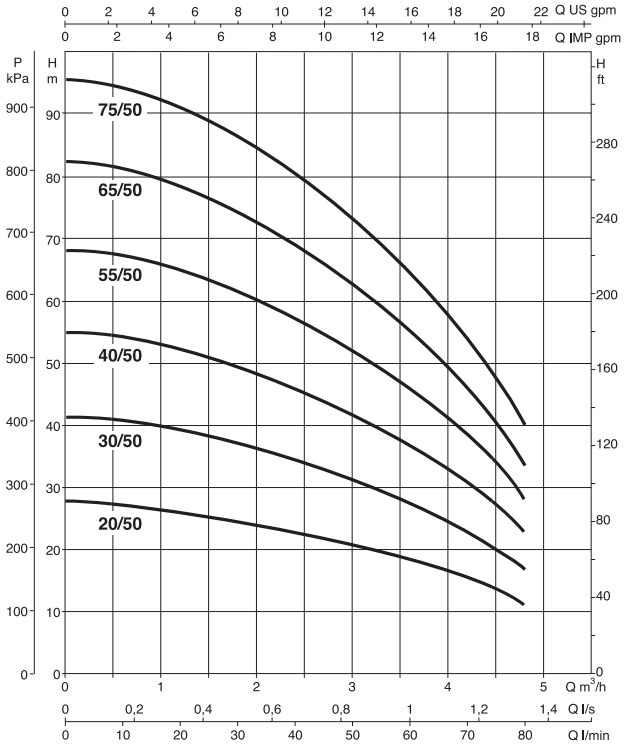
KVCX

MODEL	CODE	N° IMPELL.	ELECTRICAL DATA						HYDRAULIC DATA																			
			VOLTAGE 50 Hz	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	0,6	1,2	1,8	2,4	3	3,3	3,9	4,8	5,4	6	7,2	8,4	9,6	10,8	12
				kW	HP		µF	Vc	Q=l/min	0	10	20	30	40	50	55	65	80	90	100	120	140	160	180	200
KVCX 30-50 M	102980100	3	1 x 220 - 240 V ~	0,55	0,75	4	14	450		41,1	40,3	39,0	37,3	34,7	31,6	29,7	25,3	17,1										
KVCX 30-50 T	102980110	3	3 x 230 - 400 V ~	0,55	0,75	2,4-1,4	-	-		41,1	40,3	39,0	37,3	34,7	31,6	29,7	25,3	17,1										
KVCX 40-50 M	102980120	4	1 x 220 - 240 V ~	0,8	1,1	5,6	20	450		54,9	53,7	52,0	49,7	46,3	42,1	39,6	33,7	22,9										
KVCX 40-50 T	60145293	4	3 x 230 - 400 V ~	0,8	1,1	3,8-2,2	-	-		54,9	53,7	52,0	49,7	46,3	42,1	39,6	33,7	22,9										
KVCX 55-50 M	102980140	5	1 x 220 - 240 V ~	1	1,36	6,4	25	450		68,6	67,1	65,0	62,1	57,9	52,7	49,5	42,1	28,6										
KVCX 55-50 T	60145295	5	3 x 230 - 400 V ~	1	1,36	4,4-2,6	-	-		68,6	67,1	65,0	62,1	57,9	52,7	49,5	42,1	28,6										
KVCX 65-50 M	102980160	6	1 x 220 - 240 V ~	1,1	1,5	7,4	31,5	450		82,3	80,6	78,0	74,6	69,4	63,2	59,4	50,6	34,3										
KVCX 65-50 T	60145869	6	3 x 230 - 400 V ~	1,1	1,5	7-4	-	-		82,3	80,6	78,0	74,6	69,4	63,2	59,4	50,6	34,3										
KVCX 75-50 M	102980180	7	1 x 220 - 240 V ~	1,5	2	9	31,5	450		96,0	94,0	91,0	87,0	81,0	73,8	69,3	59,0	40,0										
KVCX 75-50 T	60145871	7	3 x 230 - 400 V ~	1,5	2	7,7-4,3	-	-		96,0	94,0	91,0	87,0	81,0	73,8	69,3	59,0	40,0										
KVCX 15-80 M	102980380	2	1 x 220 - 240 V ~	0,37	0,5	2,5	14	450		22,8	22,4	21,7	21,1	20,3	19,1	18,3	16,8	14,0	11,7	9,5	4,5							
KVCX 15-80 T	102980390	2	3 x 230 - 400 V ~	0,37	0,5	1,7-1,0	-	-		22,8	22,4	21,7	21,1	20,3	19,1	18,3	16,8	14,0	11,7	9,5	4,5							
KVCX 20-80 M	102980200	3	1 x 220 - 240 V ~	0,55	0,75	4,1	14	450		34,6	34,0	33,0	32,1	30,9	29,2	28,0	25,8	21,7	18,3	14,9	7,5							
KVCX 20-80 T	102980210	3	3 x 230 - 400 V ~	0,55	0,75	2,4-1,4	-	-		34,6	34,0	33,0	32,1	30,9	29,2	28,0	25,8	21,7	18,3	14,9	7,5							
KVCX 30-80 M	102980220	4	1 x 220 - 240 V ~	0,8	1,1	5,6	20	450		46,6	45,8	44,6	43,4	41,8	39,5	38,0	35,2	29,8	25,5	21,0	11,0							
KVCX 30-80 T	60145297	4	3 x 230 - 400 V ~	0,8	1,1	3,8-2,2	-	-		46,6	45,8	44,6	43,4	41,8	39,5	38,0	35,2	29,8	25,5	21,0	11,0							
KVCX 40-80 M	102980240	5	1 x 220 - 240 V ~	1	1,36	6,5	25	450	H (m)	58,8	57,9	56,5	55,0	53,1	50,3	48,5	45,0	38,4	33,1	27,6	15,1							
KVCX 40-80 T	60145299	5	3 x 230 - 400 V ~	1	1,36	4,4-2,6	-	-		58,8	57,9	56,5	55,0	53,1	50,3	48,5	45,0	38,4	33,1	27,6	15,1							
KVCX 45-80 M	102980260	6	1 x 220 - 240 V ~	1,1	1,5	7,4	31,5	450		71,3	70,2	68,7	66,9	64,7	61,4	59,4	55,3	47,5	41,4	34,9	19,9							
KVCX 45-80 T	60145873	6	3 x 230 - 400 V ~	1,1	1,5	5,4-3,1	-	-		71,3	70,2	68,7	66,9	64,7	61,4	59,4	55,3	47,5	41,4	34,9	19,9							
KVCX 55-80 M	102980280	7	1 x 220 - 240 V ~	1,5	2	9	31,5	450		84,0	82,8	81,2	79,2	76,6	72,9	70,7	66,0	57,1	50,3	42,8	25,5							
KVCX 55-80 T	60145875	7	3 x 230 - 400 V ~	1,5	2	6,2-3,6	-	-		84,0	82,8	81,2	79,2	76,6	72,9	70,7	66,0	57,1	50,3	42,8	25,5							
KVCX 65-80 T	60145911	8	3 x 230 - 400 V ~	2,2	3	8-4,6	-	-		97,0	95,7	94,0	91,8	88,9	84,7	82,5	77,2	67,3	59,9	51,5	32,0							
KVCX 25-120 M	102980400	2	1 x 220 - 240 V ~	1	1,36	6,5	25	450		30,4	30,3	30,2	30,0	29,9	29,6	29,3	28,7	27,7	26,9	25,9	23,2	19,9	16,4	12,0	7,0			
KVCX 25-120 T	60145811	2	3 x 230 - 400 V ~	1	1,36	5-2,9	-	-		30,4	30,3	30,2	30,0	29,9	29,6	29,3	28,7	27,7	26,9	25,9	23,2	19,9	16,4	12,0	7,0			
KVCX 35-120 M	102980420	3	1 x 220 - 240 V ~	1,1	1,5	7,4	31,5	450		46,2	46,1	45,7	45,3	44,8	44,0	43,7	42,7	40,9	39,3	37,4	33,7	29,4	24,2	18,0	11,0			
KVCX 35-120 T	60145813	3	3 x 230 - 400 V ~	1,1	1,5	6-3,5	-	-		46,2	46,1	45,7	45,3	44,8	44,0	43,7	42,7	40,9	39,3	37,4	33,7	29,4	24,2	18,0	11,0			
KVCX 45-120 M	102980440	4	1 x 220 - 240 V ~	1,85	2,5	12	40	450		62,4	62,0	61,4	60,8	60,1	59,1	58,6	57,5	55,3	53,4	51,4	46,2	40,6	34,0	26,3	17,0			
KVCX 45-120 T	60145949	4	3 x 230 - 400 V ~	1,85	2,5	7,9-4,6	-	-		62,4	62,0	61,4	60,8	60,1	59,1	58,6	57,5	55,3	53,4	51,4	46,2	40,6	34,0	26,3	17,0			
KVCX 60-120 T	60145952	5	3 x 230 - 400 V ~	2,2	3	9,3-5,4	-	-		78,0	77,5	76,7	75,9	75,1	73,9	73,3	71,5	68,3	65,9	63,2	58,0	51,0	43,4	35,0	24,5			
KVCX 70-120 T	60146000	6	3 x 230 - 400 V ~	3	4	11,8-6,8	-	-		95,0	94,3	93,4	92,5	91,4	89,8	88,9	86,8	83,2	80,5	77,9	71,7	63,9	54,7	44,0	31,0			
KVCX 85-120 T	60146002	7	3 x 230 - 400 V ~	3	4	13,5-7,8	-	-		112,7	111,6	110,3	109,0	107,6	105,7	104,5	101,9	97,5	94,1	89,9	81,6	72,1	61,2	48,9	34,0			

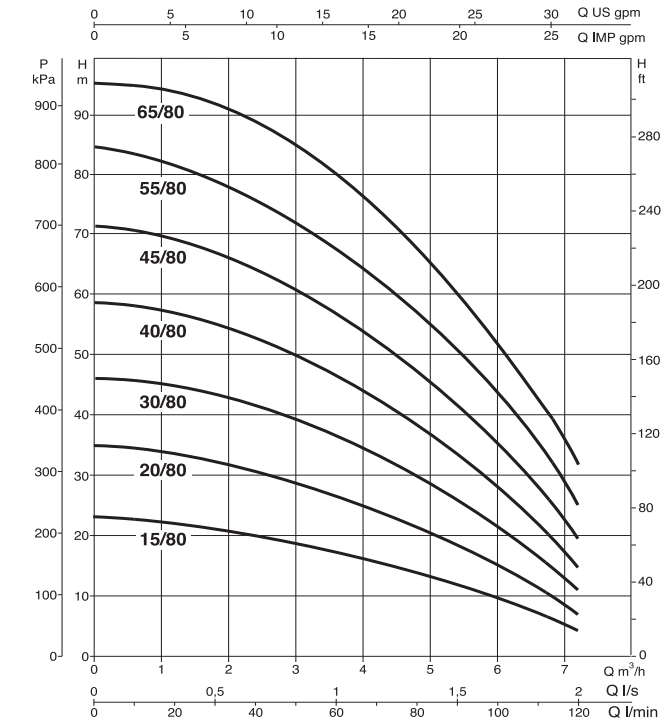
KVC /KVCX 30



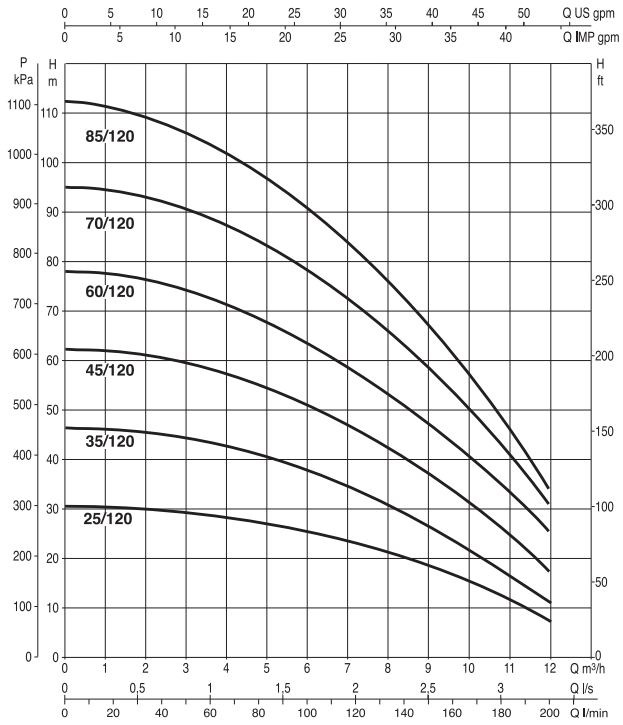
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KVC /KVCX 80

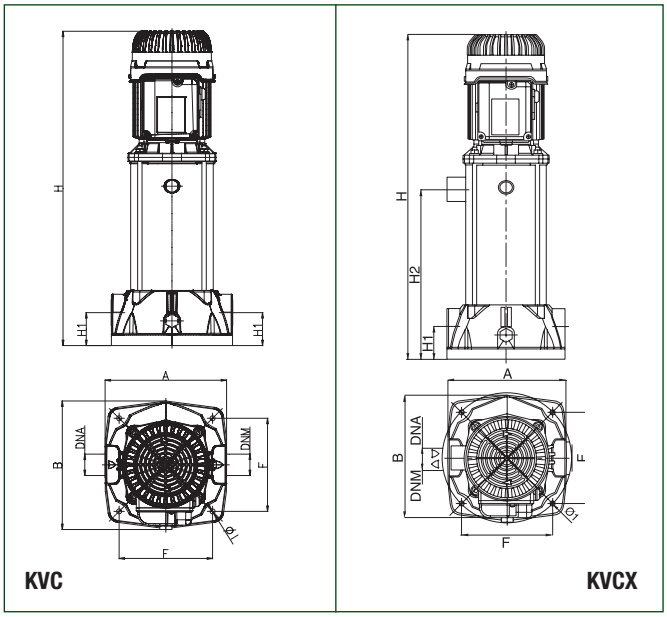


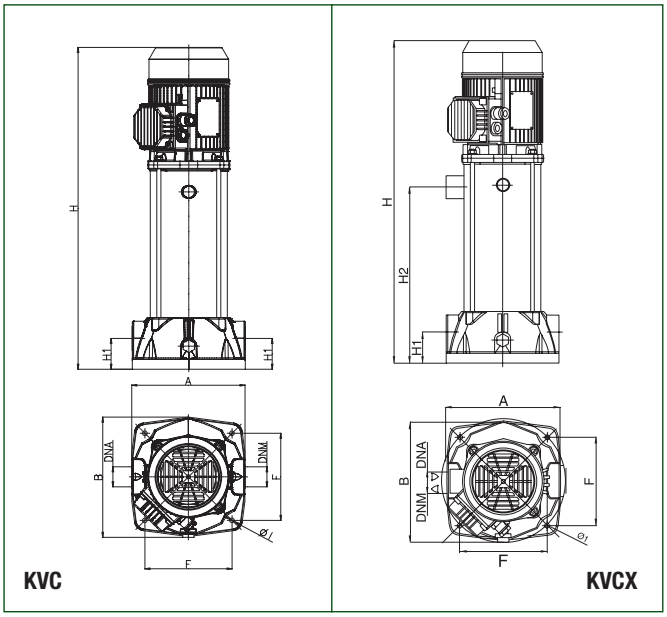
KVC /KVCX 120



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DIMENSIONS AND WEIGHTS





MODEL	EXTERNAL DESIGN	A	B	F	H	H1	H2	Ø I	DNA	DNM	PACKAGING DIMENSIONS			WEIGHT KG	
											L/A	L/B	H	single-phase	three-phase
KVC 15/30	1	221	235	170	450	60	-	9	1" 1/4	1" 1/4	300	360	540	14,0	-
KVC 25/30	1	221	235	170	478	60	-	9	1" 1/4	1" 1/4	300	360	568	14,4	-
KVC 35/30	1	221	235	170	505	60	-	9	1" 1/4	1" 1/4	300	360	595	14,0	-
KVC 45/30	1	221	235	170	533	60	-	9	1" 1/4	1" 1/4	300	360	623	14,4	-
KVC 50/30	1	221	235	170	598	60	-	9	1" 1/4	1" 1/4	300	360	688	16,2	-
KVC 60/30	1	221	235	170	625	60	-	9	1" 1/4	1" 1/4	300	360	715	17,2	-
KVC 70/30	1	221	235	170	653	60	-	9	1" 1/4	1" 1/4	300	360	743	18,4	-
KVCX 15/30	1	221	235	170	478	60	184	9	1" 1/4	1" 1/4	300	360	568	14,0	-
KVCX 25/30	1	221	235	170	478	60	184	9	1" 1/4	1" 1/4	300	360	568	14,4	
KVCX 35/30	1	221	235	170	533	60	239	9	1" 1/4	1" 1/4	300	360	623	14,0	-
KVCX 45/30	1	221	235	170	533	60	239	9	1" 1/4	1" 1/4	300	360	623	14,4	-
KVCX 50/30	1	221	235	170	625	60	332	9	1" 1/4	1" 1/4	300	360	715	16,2	-
KVCX 60/30	1	221	235	170	625	60	332	9	1" 1/4	1" 1/4	300	360	715	17,2	-
KVCX 70/30	1	221	235	170	653	60	359	9	1" 1/4	1" 1/4	300	360	743	18,4	-
KVC 20/50	1	221	235	170	450	60	-	9	1" 1/4	1" 1/4	300	360	540	13,5	13,5
KVC 30/50	1	221	235	170	478	60	-	9	1" 1/4	1" 1/4	300	360	568	13,7	13,7
KVC 40/50	1	221	235	170	505	60	-	9	1" 1/4	1" 1/4	300	360	595	15,8	15,8
KVC 55/50	1	221	235	170	533	60	-	9	1" 1/4	1" 1/4	300	360	623	17,0	17,0
KVC 65/50	1	221	235	170	600	60	-	9	1" 1/4	1" 1/4	300	360	690	20,2	19,8
KVC 75/50	1	221	235	170	627	60	-	9	1" 1/4	1" 1/4	300	360	717	21,2	20,6
KVCX 20/50	1	221	235	170	478	60	184	9	1" 1/4	1" 1/4	300	360	568	13,5	13,5
KVC 30/50	1	221	235	170	478	60	-	9	1" 1/4	1" 1/4	300	360	568	13,7	13,7
KVC 40/50	1	221	235	170	505	60	-	9	1" 1/4	1" 1/4	300	360	595	15,8	15,8

* H valid only for three-phase versions

KVC / KVCX

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

MODEL	EXTERNAL DESIGN	A	B	F	H	H1	H2	Ø I	DNA	DNM	PACKAGING DIMENSIONS			WEIGHT KG	
											L/A	L/B	H	single-phase	three-phase
KVC 55/50	1	221	235	170	533	60	-	9	1" 1/4	1" 1/4	300	360	623	17,0	17,0
KVC 65/50	1	221	235	170	600	60	-	9	1" 1/4	1" 1/4	300	360	690	20,2	19,8
KVC 75/50	1	221	235	170	627	60	-	9	1" 1/4	1" 1/4	300	360	717	21,2	20,6
KVCX 20/50	1	221	235	170	478	60	184	9	1" 1/4	1" 1/4	300	360	568	13,5	13,5
KVCX 30/50	1	221	235	170	478	60	184	9	1" 1/4	1" 1/4	300	360	568	13,7	13,7
KVCX 40/50	1	221	235	170	533	60	239	9	1" 1/4	1" 1/4	300	360	623	15,8	15,8
KVCX 55/50	1	221	235	170	533	60	239	9	1" 1/4	1" 1/4	300	360	623	17,0	17,0
KVCX 65/50	2	221	235	170	627	60	332	9	1" 1/4	1" 1/4	300	360	717	20,2	19,8
KVCX 75/50	2	221	235	170	627	60	332	9	1" 1/4	1" 1/4	300	360	717	21,2	20,6
KVC 15/80	1	221	235	170	450	60	-	9	1" 1/4	1" 1/4	300	360	540	13,5	13,5
KVC 20/80	1	221	235	170	478	60	-	9	1" 1/4	1" 1/4	300	360	568	13,7	13,7
KVC 30/80	1	221	235	170	505	60	-	9	1" 1/4	1" 1/4	300	360	595	15,7	15,5
KVC 40/80	1	221	235	170	533	60	-	9	1" 1/4	1" 1/4	300	360	623	17,0	17,0
KVC 45/80	2	221	235	170	600	60	-	9	1" 1/4	1" 1/4	300	360	690	20,1	20,2
KVC 55/80	2	221	235	170	627	60	-	9	1" 1/4	1" 1/4	300	360	717	21,0	20,0
KVC 65/80	1	221	235	170	655	60	-	9	1" 1/4	1" 1/4	300	360	745	-	21,6
KVCX 15/80	1	221	235	170	478	60	184	9	1" 1/4	1" 1/4	300	360	568	13,5	13,5
KVCX 20/80	1	221	235	170	478	60	184	9	1" 1/4	1" 1/4	300	360	568	13,7	13,7
KVCX 30/80	1	221	235	170	533	60	239	9	1" 1/4	1" 1/4	300	360	623	15,7	15,5
KVCX 40/80	2	221	235	170	533	60	239	9	1" 1/4	1" 1/4	300	360	623	17,0	17,0
KVCX 45/80	2	221	235	170	627	60	332	9	1" 1/4	1" 1/4	300	360	717	20,1	20,2
KVCX 55/80	2	221	235	170	627	60	332	9	1" 1/4	1" 1/4	300	360	717	21,0	20,0
KVCX 65/80	1	221	235	170	655	60	359	9	1" 1/4	1" 1/4	300	360	745	-	21,6
KVC 25/120 *	1	221	235	170	450	60	-	9	1" 1/4	1" 1/4	300	360	540	17	17,1
KVC 35/120 *	1	221	235	170	480	60	-	9	1" 1/4	1" 1/4	300	360	570	20,1	20,2
KVC 45/120 *	1	221	235	170	507	60	-	9	1" 1/4	1" 1/4	300	360	597	21,9	22,0
KVC 60/120	2	221	235	170	610	60	-	9	1" 1/4	1" 1/4	300	360	700	-	24,0
KVC 70/120	2	221	235	170	675	60	-	9	1" 1/4	1" 1/4	300	360	765	-	26
KVC 85/120	2	221	235	170	702	60	-	9	1" 1/4	1" 1/4	300	360	792	-	26,5
KVCX 25/120 *	1	221	235	170	478	60	184	9	1" 1/4	1" 1/4	300	360	568	17	17,1
KVCX 35/120 *	2	221	235	170	480	60	184	9	1" 1/4	1" 1/4	300	360	570	20,1	20,2
KVCX 45/120 *	2	221	235	170	535	60	239	9	1" 1/4	1" 1/4	300	360	625	21,9	22,0
KVCX 60/120	2	221	235	170	610	60	239	9	1" 1/4	1" 1/4	300	360	610	-	24,0
KVCX 70/120	2	221	235	170	702	60	332	9	1" 1/4	1" 1/4	300	360	702	-	26
KVCX 85/120	2	221	235	170	702	60	332	9	1" 1/4	1" 1/4	300	360	702	-	26,5

* H valid only for three-phase versions

KV 3 / KV 6 / KV 10

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS



ENERGY EFFICIENCY IE2

CIVIL AND INDUSTRIAL PRESSURIZATION UNITS

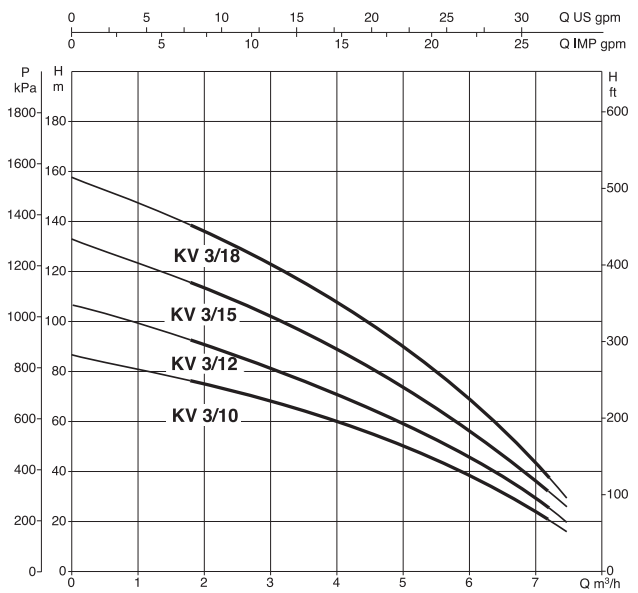
Cast iron discharge and suction bodies treated against corrosion. Technopolymer impellers, diffuser bodies and diffusers. AISI 304 stainless steel pump liner and wear rings. AISI 416 stainless steel pump shaft and AISI 316 stainless steel sliding bush. Bronze sliding bush guide, self-lubricated by the pumped liquid itself.
Carbon/ceramic mechanical seal. Connected to the motor with a rigid coupling.
Supplied standard with threaded counterflanges. Induction motor, closed and cooled with external ventilation. Rotor mounted on oversized greased sealed-for-life ball bearings to ensure silent running and long life. Built-in thermal and current overload protection in the single-phase version. Three-phase motors should be protected with a suitable overload protection complying with the regulations in force.

Operating range: from 1,8 to 13,5 m³/h with head up to 139 metres.
Liquid temperature range:
from 0°C to +35°C for domestic use
from -15°C to +110°C for other uses
Liquid quality requirements: clean, free from solids or abrasive substances, non viscous, non aggressive, non crystallized, chemically neutral, close to the characteristics of water..
Maximum ambient temperature: + 40°C
Maximum operating pressure: 18 bar (1800 kPA)
Motor protection: IP 55
Insulation class: F
Installation: fixed, in a vertical position.

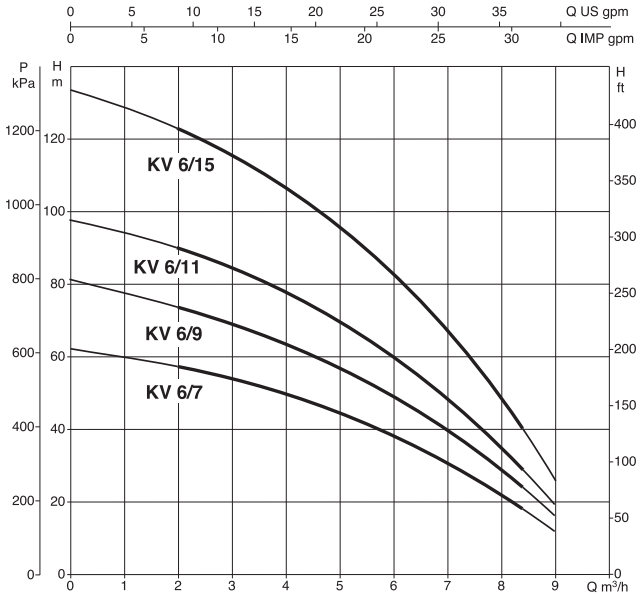
KV 3/6/10

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA									
		VOLTAGE 50 Hz	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	1,8	3,6	5,4	7,2	8,4	10,2	12	13,8
			kW	HP		µF	Vc	Q=l/min	0	30	60	90	120	140	170	200	230
KV 3/10 M	102491140	1 x 220 - 240 V ~	1,1	1,5	7,8	31,5	450		88	77	63,5	45,7	21				
KV 3/10 T	60145803	3 x 230 - 400 V ~	1,1	1,5	7-4	-	-		88	77	63,5	45,7	21				
KV 3/12 M	102491170	1 x 220 - 240 V ~	1,5	2	9,6	40	450		105,6	92,4	76,2	54,8	25,2				
KV 3/12 T	60145861	3 x 230 - 400 V ~	1,5	2	7,5-4	-	-		105,6	92,4	76,2	54,8	25,2				
KV 3/15 M	102491190	1 x 220 - 240 V ~	1,85	2,5	11,3	40	450		132	115,5	95,3	68,6	31,5				
KV 3/15 T	60145943	3 x 230 - 400 V ~	1,85	2,5	7,5-4,3	-	-		132	115,5	95,3	68,6	31,5				
KV 3/18 T	60145986	3 x 230 - 400 V ~	2,2	3	10-5,8	-	-		158,4	138,6	114,3	82,3	37,8				
KV 6/7 M	102491300	1 x 220 - 240 V ~	1,1	1,5	7,5	31,5	450		62,3	57,8	51,5	42,5	29,5	18,6			
KV 6/7 T	60145804	3 x 230 - 400 V ~	1,1	1,5	5-2,9	-	-		62,3	57,8	51,5	42,5	29,5	18,6			
KV 6/9 M	102491340	1 x 220 - 240 V ~	1,5	2	9,4	40	450		80,1	74,3	66,2	54,6	38	23,9	16,4	12,0	
KV 6/9 T	60145862	3 x 230 - 400 V ~	1,5	2	7,5-4,2	-	-	H (m)	80,1	74,3	66,2	54,6	38	23,9	16,4	12,0	
KV 6/11 M	102491380	1 x 220 - 240 V ~	1,85	2,5	11,1	40	450		97,9	90,8	81	66,8	46,4	29,2	24,2	18,0	
KV 6/11 T	60145863	3 x 230 - 400 V ~	1,85	2,5	7,3-4,2	-	-		97,9	90,8	81	66,8	46,4	29,2	24,2	18,0	
KV 6/15 T	60145987	3 x 230 - 400 V ~	2,2	3	11-6,3	-	-		133,5	123,8	110,4	91,1	63,3	39,8	34,0	26,3	
KV 10/4 M	102491640	1 x 220 - 240 V ~	1,1	1,5	8,3	31,5	450		38,2	37,4	36,2	34,4	32	29,7	25,5	20	12,6
KV 10/4 T	60145805	3 x 230 - 400 V ~	1,1	1,5	6,1-3,5	-	-		38,2	37,4	36,2	34,4	32	29,7	25,5	20	12,6
KV 10/5 M	102491660	1 x 220 - 240 V ~	1,5	2	10,4	40	450		47,8	46,8	45,2	43	40	37,2	31,9	25	15,8
KV 10/5 T	60145864	3 x 230 - 400 V ~	1,5	2	8-4,5	-	-		47,8	46,8	45,2	43	40	37,2	31,9	25	15,8
KV 10/6 M	102491680	1 x 220 - 240 V ~	1,85	2,5	12,5	40	450		57,3	56,1	54,2	51,6	48	44,6	38,2	30	18,9
KV 10/6 T	60145944	3 x 230 - 400 V ~	1,85	2,5	8,7-5	-	-		57,3	56,1	54,2	51,6	48	44,6	38,2	30	18,9
KV 10/8 T	60145988	3 x 230 - 400 V ~	2,2	3	11,8-6,8	-	-		76,4	74,8	72,3	68,8	64	59,4	51	40	25,2

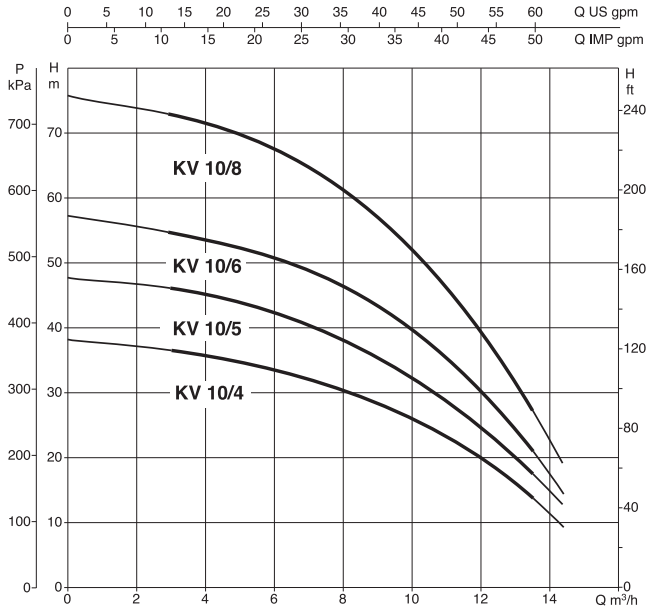
KV 3


Q US gpm
Q IMP gpm
P kPa
H m
H ft
KV 3/18
KV 3/15
KV 3/12
KV 3/10
Q m³/h

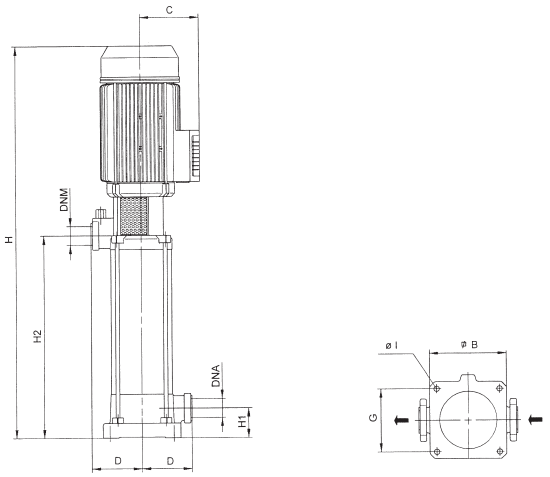
KV 6


Q US gpm
Q IMP gpm
P kPa
H m
H ft
KV 6/15
KV 6/11
KV 6/9
KV 6/7
Q m³/h

KV 10


Q US gpm
Q IMP gpm
P kPa
H m
H ft
KV 10/8
KV 10/6
KV 10/5
KV 10/4
Q m³/h

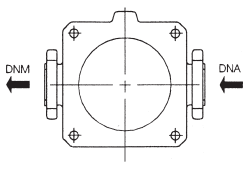
DIMENSIONS AND WEIGHTS



MODEL	B	C	D	G	IØ	H	H1	H2	DNA	DNM	WEIGHT KG
KV 3/10 M	155	111	100	127	11	779	60	472	1 1/4	1 1/4	27,2
KV 3/10 T	155	111	100	127	11	779	60	472	1 1/4	1 1/4	26,3
KV 3/12 M	155	116	100	127	11	917	60	536	1 1/4	1 1/4	30,6
KV 3/12 T	155	111	100	127	11	843	60	536	1 1/4	1 1/4	28
KV 3/15 M	155	116	100	127	11	1013	60	632	1 1/4	1 1/4	33
KV 3/15 T	155	116	100	127	11	1013	60	632	1 1/4	1 1/4	31,9
KV 3/18 T	155	116	100	127	11	1109	60	728	1 1/4	1 1/4	35,8
KV 6/7 M	155	111	100	127	11	683	60	376	1 1/4	1 1/4	26,1
KV 6/7 T	155	111	100	127	11	683	60	376	1 1/4	1 1/4	25,2
KV 6/9 M	155	116	100	127	11	821	60	440	1 1/4	1 1/4	29
KV 6/9 T	155	111	100	127	11	747	60	440	1 1/4	1 1/4	26,8
KV 6/11 M	155	116	100	127	11	885	60	504	1 1/4	1 1/4	31,3
KV 6/11 T	155	116	100	127	11	885	60	504	1 1/4	1 1/4	27,7
KV 6/15 T	155	116	100	127	11	1013	60	632	1 1/4	1 1/4	34,5
KV 10/4 M	155	111	100	127	11	587	60	280	1 1/4	1 1/4	27,2
KV 10/4 T	155	111	100	127	11	587	60	280	1 1/4	1 1/4	26,3
KV 10/5 M	155	116	100	127	11	693	60	312	1 1/4	1 1/4	30,6
KV 10/5 T	155	111	100	127	11	619	60	312	1 1/4	1 1/4	28
KV 10/6 M	155	116	100	127	11	725	60	344	1 1/4	1 1/4	33
KV 10/6 T	155	111	100	127	11	725	60	344	1 1/4	1 1/4	31,9
KV 10/8 T	155	116	100	127	11	789	60	408	1 1/4	1 1/4	35,8

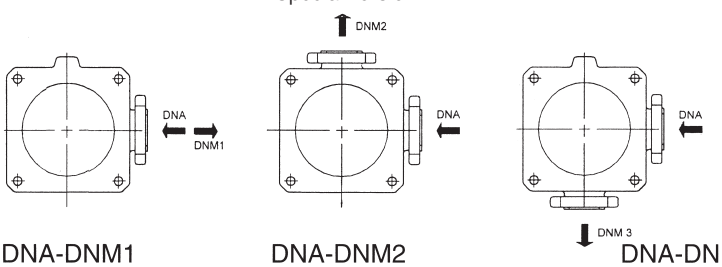
POSITION OF THE SUCTION AND DELIVERY CONNECTORS:

Standard version



DNA-DNM

Special version



DNA-DNM1 DNA-DNM2 DNA-DNM3

NKV 10 / NKV 15 / NKV 20

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS



CE

CIVIL AND INDUSTRIAL PRESSURIZATION UNITS

Vertical multistage centrifugal pump suitable in medium and large water supplies.
It is ideal for pressure sets, boiler feed and hot water circulation, conveying condensate and cooling water, fire fighting and washing systems, supplying drinking water and feeding pressurised tanks, sprinkler and spraying irrigation systems.
All the parts in contact with liquid are stainless.
AISI 304 stainless steel internal pump body and AISI 304 stainless steel ULTEM, impellers, pump shaft and base liner.
Cast iron external pump body treated with cataphoresis, cast iron support.
"Cartridge" silicon/silicon mechanical seal exempt from maintenance.
Connected to the motor with a rigid coupling.

Motor protection: IP 55.
Insulation class: F.
Standard voltage:
three-phases 230-400 V / 50 Hz up to 4 kW included
three-phases400 V Δ / 50 Hz on the top of 4 kW.
Operating range:
from 4 to 29 m^3/h with head up to 249 meters.
Pumped liquid: without solid or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, close to water characteristics.
Liquid temperature range: from -20°C to +90°C
Maximum ambient temperature: +40°C
Maximum working pressure: 25 bar (2500 kPa)
Installation: fixed, vertical mounting.
Special version on demand: different voltage supply and/or feeding frequence 60 hz version EFF 1 motor, and anti-deflagrating version.
IE3 motor efficiency class available on request. Please contact our sales network for a price quotation.

ACCESSORIES
PAG. 443

NKV 10 /15/20

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA											
		VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	I st. A	n.r.p.m.	cos φ	Q=m^3h	0	4	8	10	12	14	16	18	20	22	24
									Q=l/min	0	66	132	167	200	233	264	300	334	367	400
NKV 10/2 T	60144697	3 x 230 - 400 V ~	0,75	1,1	3,10 / 1,80	20/11,5	2790-2850	0,85-0,82		20,2	20	18,3	15,8	12,5						
NKV 10/3 T	60144698	3 x 230 - 400 V ~	1,1	1,5	4,35 / 2,50	30/18	2790-2840	0,86-0,84		30,3	31	27,5	23,6	18,8						
NKV 10/4 T	60144699	3 x 230 - 400 V ~	1,5	2	5,60 / 3,25	44/26	2830-2860	0,85-0,81		40,4	41	36,7	31,5	25,1						
NKV 10/5 T	60144700	3 x 230 - 400 V ~	2,2	3	8,15 / 4,70	62/36	2820-2850	0,87-0,81		50,5	51	45,8	39,4	31,3						
NKV 10/6 T	60144701	3 x 230 - 400 V ~	2,2	3	8,15 / 4,70	62/36	2820-2850	0,87-0,84		60,5	61	55,0	47,3	37,6						
NKV 10/7 T	60144702	3 x 400 V ~	3,0	4,0	5,8	45	2870-2890	0,87-0,84		70,6	72	64,2	55,1	43,8						
NKV 10/8 T	60144703	3 x 400 V ~	3,0	4,0	5,8	45	2870-2890	0,89		80,7	82	73,3	63,0	50,1						
NKV 10/9 T	60144704	3 x 400 V ~	3,0	4,0	5,8	45	2880-2900	0,89		90,8	92	82,5	70,9	56,4						
NKV 10/10 T	60144705	3 x 400 V ~	4,0	5,5	7,6	60	2880-2900	0,89		100,9	102	91,7	78,8	62,6						
NKV 10/12 T	60144706	3 x 400 V ~	4,0	5,5	7,6	60	2900-2920	0,9		121,1	123	110,0	94,5	75,2						
NKV 10/14 T	60144707	3 x 400 V ~	5,5	7,5	11	90	2900-2920	0,9		141,3	143	128,3	110,3	87,7						
NKV 10/16 T	60144708	3 x 400 V ~	5,5	7,5	11	90	2900-2920	0,89		161,5	164	146,7	126,0	100,2						
NKV 10/18 T	60144709	3 x 400 V ~	7,5	10	14,8	120	2890-2910	0,89	H (m)	181,6	184	165,0	141,8	112,7						
NKV 10/20 T	60144710	3 x 400 V ~	7,5	10	14,8	120	2890-2910	0,89		201,8	205	183,3	157,5	125,3						
NKV 10/22 T	60144711	3 x 400 V ~	7,5	10	14,8	120	2890-2910	0,89		222	225	202	173,3	137,8						
NKV 15/2 T	60144712	3 x 230 - 400 V ~	2,2	3	8,15 / 4,70	0,87-0,84	2820-2850	0,87-0,81		27,2	26,7	26	26,1	25,5	24,5	23,2	21,6	19,8	17,4	14,6
NKV 15/3 T	60144713	3 x 400 V ~	3,0	4,0	5,8	0,89	2820-2850	0,87-0,84		40,8	40,0	40	39,1	38,3	36,8	34,8	32,5	29,7	26,1	21,9
NKV 15/4 T	60144714	3 x 400 V ~	4,0	5,5	7,6	0,9	2870-2890	0,87-0,84		54,4	53,4	53	52,1	51,0	49,0	46,4	43,3	39,6	34,8	29,2
NKV 15/5 T	60144715	3 x 400 V ~	4,0	5,5	7,6	0,9	2870-2890	0,89		68,0	66,7	66	65,2	63,8	61,3	58,1	54,1	49,5	43,5	36,5
NKV 15/6 T	60144716	3 x 400 V ~	5,5	7,5	11	0,89	2880-2900	0,89		81,6	80,1	79	78,2	76,5	73,6	69,7	64,9	59,4	52,2	43,8
NKV 15/7 T	60144717	3 x 400 V ~	5,5	7,5	11	0,89	2880-2900	0,89		95,2	93,4	92	91,2	89,3	85,8	81,3	75,8	69,3	60,9	51,1
NKV 15/8 T	60144718	3 x 400 V ~	7,5	10	14,8	0,89	2900-2920	0,9		108,8	106,8	106	104,3	102,0	98,1	92,9	86,6	79,2	69,6	58,4
NKV 15/9 T	60144719	3 x 400 V ~	7,5	10	14,8	0,89	2900-2920	0,9		122,4	120,1	119	117,3	114,8	110,3	104,5	97,4	89,1	78,4	65,7
NKV 15/10 T	60144720	3 x 400 V ~	11	15	22,4	0,89	2900-2920	0,89		136,0	133,5	132	130,4	127,5	122,6	116,1	108,2	99,0	87,1	73,0
NKV 15/12 T	60144721	3 x 400 V ~	11	15	22,4	0,89	2930-2940	0,89		163,2	160,2	158	156,4	153,0	147,1	139,3	129,9	118,8	104,5	87,6

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NKV 10 /15/20

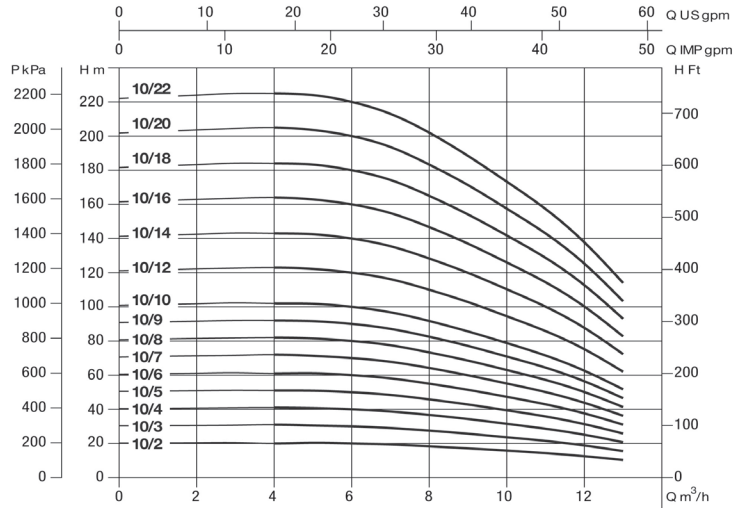
MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA														
		VOLTAGE 50 Hz	P2 NOMINAL		In A	I st. A	n.r.p.m.	cos φ	Q=m³h	0	4	8	10	12	14	16	18	20	22	24	26	29
			kW	HP					Q=l/min	0	66	132	167	200	233	264	300	334	367	400	433	483
NKV 15/14 T	60144722	3 x 400 V ~	11	15	22,4	0,89	2930-2940	0,89		190,4	186,9	185	182,5	178,5	171,6	162,6	151,5	138,6	121,9	102,2		
NKV 15/16 T	60144723	3 x 400 V ~	15	20	29,5	0,89	2930-2950	0,89		217,6	213,6	211	208,6	204,0	196,1	185,8	173,2	158,4	139,3	116,8		
NKV 15/17 T	60144724	3 x 400 V ~	15	20	29,5	0,89	2930-2950	0,89		231,2	226,9	225	221,6	216,75	208,4	197,4	184	168,3	148	124,1		
NKV 20/2 T	60144725	3 x 230 - 400 V ~	2,20	3	8,15/4,70	0,87-0,84	2820-2850	0,87-0,84		29,3	28,8	28,8	28,6	28	27,6	26,9	25,9	24,6	22,9	21,2	19,1	15,8
NKV 20/3 T	60144726	3 x 400 V ~	4,0	5,5	7,6	0,9	2880-2900	0,9		43,9	43,2	43,1	42,9	42	41,5	40,4	38,8	36,9	34,4	31,8	28,7	23,6
NKV 20/4 T	60144727	3 x 400 V ~	5,5	7,5	11	0,89	2900-2920	0,89		58,6	57,6	57,5	57,2	56	55,3	53,8	51,8	49,2	45,9	42,4	38,2	31,5
NKV 20/5 T	60144728	3 x 400 V ~	5,5	7,5	11	0,89	2900-2920	0,89		73,2	71,9	71,9	71,5	71	69,1	67,3	64,7	61,5	57,4	52,9	47,8	39,4
NKV 20/6 T	60144729	3 x 400 V ~	7,5	10	14,8	0,89	2890-2910	0,89		87,9	86,3	86,3	85,8	85	82,9	80,7	77,7	73,8	68,8	63,5	57,4	47,3
NKV 20/7 T	60144730	3 x 400 V ~	7,5	10	14,8	0,89	2890-2910	0,89	H (m)	102,5	100,7	100,6	100,1	99	96,8	94,2	90,6	86,1	80,3	74,1	66,9	55,2
NKV 20/8 T	60144731	3 x 400 V ~	11,0	15	22,4	0,89	2930-2940	0,89		117,2	115,1	115,0	114,4	113	110,6	107,6	103,6	98,4	91,8	84,7	76,5	63,1
NKV 20/9 T	60144732	3 x 400 V ~	11,0	15	22,4	152	2930-2940	0,89		131,8	129,5	129,4	128,8	127	124,4	121,1	116,5	110,8	103,2	95,3	86,0	70,9
NKV 20/10 T	60144733	3 x 400 V ~	11,0	15	22,4	152	2930-2940	0,89		146,5	143,9	143,8	143,1	141	138,2	134,5	129,5	123,1	114,7	105,9	95,6	78,8
NKV 20/12 T	60144734	3 x 400 V ~	15,0	20	29,5	200	2930-2950	0,89		175,8	172,7	172,5	171,7	169	165,9	161,4	155,4	147,7	137,6	127,1	114,7	94,6
NKV 20/14 T	60144735	3 x 400 V ~	15,00	20	29,5	200	2930-2950	0,89		205,1	201,4	201,3	200,3	198	193,5	188,3	181,3	172,3	160,6	148,2	133,8	110,4
NKV 20/16 T	60144736	3 x 400 V ~	18,5	25	35,5	266	2940-2950	0,91		234,4	230,2	230,0	228,9	226	221,2	215,2	207,2	196,9	183,5	169,4	152,9	126,1
NKV 20/17 T	60144737	3 x 400 V ~	18,5	25	35,5	266	2940-2950	0,91		249	244,6	244,4	243,2	240	235	228,7	220,1	209,2	195	180	162,5	134

ONLY HYDRAULIC PART

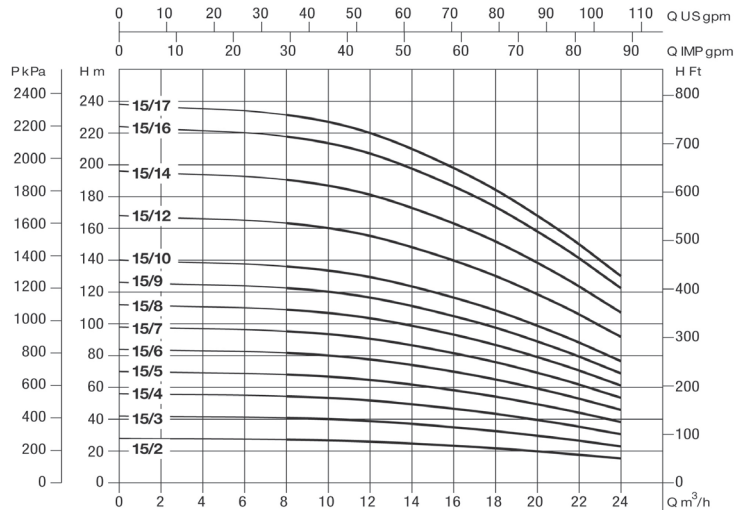
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NKV 10/7	60116872
NKV 10/8	60116873
NKV 10/9	60116874
NKV 10/10	60116875
NKV 10/12	60116876
NKV 10/14	60116877
NKV 10/16	60116878
NKV 10/18	60116879
NKV 10/20	60116880
NKV 10/22	60116881
NKV 15/2	60116884
NKV 15/3	60116885
NKV 15/4	60116886
NKV 15/5	60116887
NKV 15/6	60116888
NKV 15/7	60116896

MODEL	CODE
NKV 15/8	60116889
NKV 15/9	60116890
NKV 15/10	60116891
NKV 15/12	60116892
NKV 15/14	60116893
NKV 15/16	60116894
NKV 15/17	60116895
NKV 20/2	60116898
NKV 20/3	60116899
NKV 20/4	60116900
NKV 20/5	60116901
NKV 20/6	60116902
NKV 20/7	60116903
NKV 20/8	60116904
NKV 20/9	60116905
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NKV 20/12	60116907
NKV 20/14	60116910
NKV 20/16	60116908
NKV 20/17	60116909

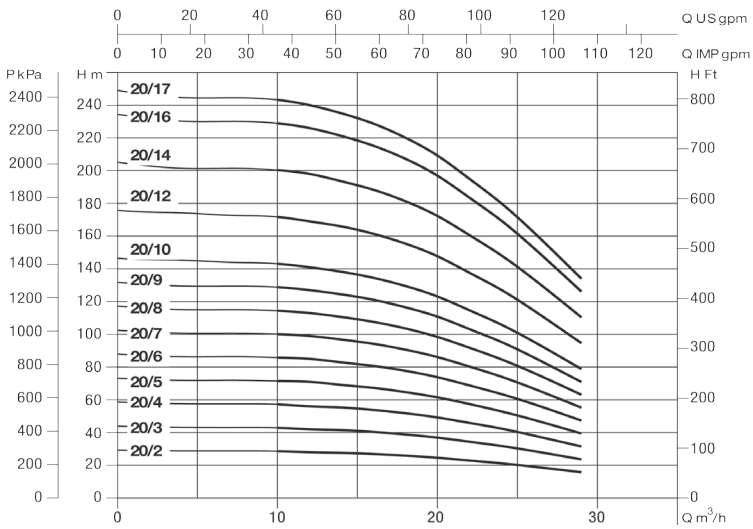
NKV 10



NKV 15

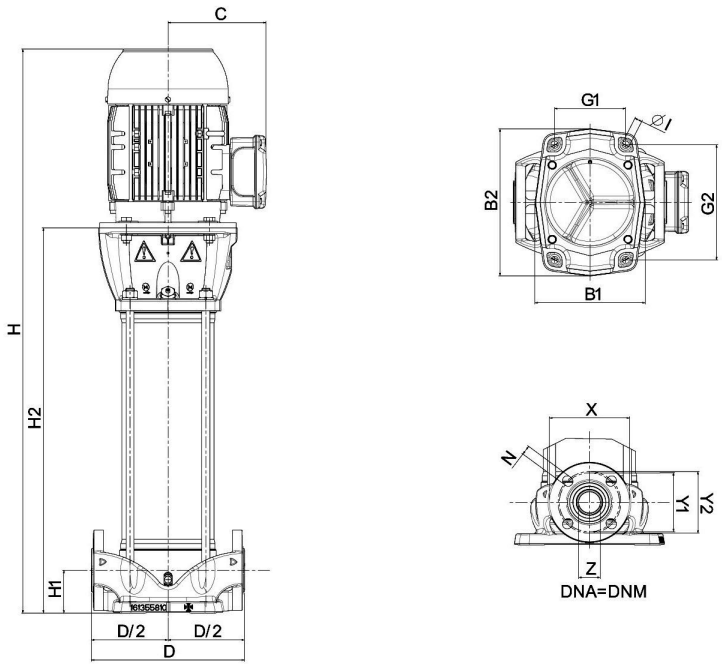


NKV 20



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DIMENSIONS



NKV 10

MODEL	N° IMPELLER	B1	B2	G1	G2	I	C	D	D/2	H	H1	H2	DNA=DNM (DN 40)					PACKAGING DIMENSIONS		
													X	Y1	Y2	Z	N	L/A	L/B	H
NKV 10/2	2	201	274	130	215	13,5	145	280	140	611,4	80	356,4	150	110	115	40	17,5	800	400	400
NKV 10/3	3	201	274	130	215	13,5	145	280	140	644,4	80	389,4	150	110	115	40	17,5	800	400	400
NKV 10/4	4	201	274	130	215	13,5	155	280	140	692,4	80	422,4	150	110	115	40	17,5	800	400	400
NKV 10/5	5	201	274	130	215	13,5	155	280	140	750,4	80	455,4	150	110	115	40	17,5	800	400	400
NKV 10/6	6	201	274	130	215	13,5	155	280	140	783,4	80	488,4	150	110	115	40	17,5	800	400	400
NKV 10/7	7	201	274	130	215	13,5	180	280	140	863,4	80	538,4	150	110	115	40	17,5	960	400	370
NKV 10/8	8	201	274	130	215	13,5	180	280	140	896,4	80	571,4	150	110	115	40	17,5	960	400	370
NKV 10/9	9	201	274	130	215	13,5	180	280	140	929,4	80	604,4	150	110	115	40	17,5	960	400	370
NKV 10/10	10	201	274	130	215	13,5	190	280	140	977,4	80	637,4	150	110	115	40	17,5	1150	500	400
NKV 10/12	12	201	274	130	215	13,5	190	280	140	1043,4	80	703,4	150	110	115	40	17,5	1150	500	400
NKV 10/14	14	201	274	130	215	13,5	210	280	140	1238,8	80	848,8	150	110	115	40	17,5	1360	500	530
NKV 10/16	16	201	274	130	215	13,5	210	280	140	1304,8	80	914,8	150	110	115	40	17,5	1360	500	530
NKV 10/18	18	201	274	130	215	13,5	210	280	140	1370,8	80	980,8	150	110	115	40	17,5	1650	500	580
NKV 10/20	20	201	274	130	215	13,5	210	280	140	1436,8	80	1046,8	150	110	115	40	17,5	1650	500	580
NKV 10/22	22	201	274	130	215	13,5	210	280	140	1502,8	80	1112,8	150	110	115	40	17,5	1650	500	580

NKV 15

MODEL	N° IMPELLER	B1	B2	G1	G2	I	C	D	D/2	H	H1	H2	DNA=DNM (DN 50)				PACKAGING DIMENSIONS		
													X	Y	Z	N	L/A	L/B	H
NKV 15/2	2	201	274	130	215	13,5	155	300	150	651,40	90	356,4	165	125	67	18,0	800	400	400
NKV 15/3	3	201	274	130	215	13,5	180	300	150	731,40	90	406,4	165	125	67	18,0	800	400	400
NKV 15/4	4	201	274	130	215	13,5	190	300	150	779,40	90	439,4	165	125	67	18,0	800	400	400
NKV 15/5	5	201	274	130	215	13,5	190	300	150	812,40	90	472,4	165	125	67	18,0	960	370	370
NKV 15/6	6	201	274	130	215	13,5	210	300	150	974,80	90	584,8	165	125	67	18,0	1150	400	400
NKV 15/7	7	201	274	130	215	13,5	210	300	150	1007,80	90	617,8	165	125	67	18,0	1150	400	400
NKV 15/8	8	201	274	130	215	13,5	210	300	150	1040,80	90	650,8	165	125	67	18,0	1150	400	400
NKV 15/9	9	201	274	130	215	13,5	210	300	150	1073,80	90	683,8	165	125	67	18,0	1150	400	400
NKV 15/10	10	201	274	130	215	13,5	255	300	150	1251,00	90	746	165	125	67	18,0	1360	530	530
NKV 15/12	12	201	274	130	215	13,5	255	300	150	1317,00	90	812	165	125	67	18,0	1360	530	530
NKV 15/14	14	201	274	130	215	13,5	255	300	150	1383,00	90	878	165	125	67	18,0	1650	580	580
NKV 15/16	16	201	274	130	215	13,5	255	300	150	1449,00	90	944	165	125	67	18,0	1650	580	580
NKV 15/17	17	201	274	130	215	13,5	255	300	150	1762,50	90	1257,5	165	125	67	18,0	1850	580	580

NKV 20

MODEL	N° IMPELLER	B1	B2	G1	G2	I	C	D	D/2	H	H1	H2	DNA=DNM (DN 50)				PACKAGING DIMENSIONS		
													X	Y	Z	N	L/A	L/B	H
NKV 20/2	2	201	274	130	215	13,5	155	300	150	651,40	90	356,4	165	125	67	18,0	800	400	400
NKV 20/3	3	201	274	130	215	13,5	190	300	150	746,40	90	406,4	165	125	67	18,0	800	400	400
NKV 20/4	4	201	274	130	215	13,5	210	300	150	908,80	90	518,8	165	125	67	18,0	960	400	370
NKV 20/5	5	201	274	130	215	13,5	210	300	150	941,80	90	551,8	165	125	67	18,0	960	400	370
NKV 20/6	6	201	274	130	215	13,5	210	300	150	974,80	90	584,8	165	125	67	18,0	1150	500	400
NKV 20/7	7	201	274	130	215	13,5	210	300	150	1007,80	90	617,8	165	125	67	18,0	1150	500	400
NKV 20/8	8	201	274	130	215	13,5	255	300	150	1185,00	90	680	165	125	67	18,0	1360	500	530
NKV 20/9	9	201	274	130	215	13,5	255	300	150	1218,00	90	713	165	125	67	18,0	1360	500	530
NKV 20/10	10	201	274	130	215	13,5	255	300	150	1251,00	90	746	165	125	67	18,0	1360	500	530
NKV 20/12	12	201	274	130	215	13,5	255	300	150	1317,00	90	812	165	125	67	18,0	1360	500	530
NKV 20/14	14	201	274	130	215	13,5	255	300	150	1383,00	90	878	165	125	67	18,0	1650	500	580
NKV 20/16	16	201	274	130	215	13,5	255	300	150	1504,00	90	944	165	125	67	18,0	1650	500	580
NKV 20/17	17	201	274	130	215	13,5	255	300	150	1817,50	90	1257,5	165	125	67	18,0	1850	500	580

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NEW

NKV 32/45 NKV

MULTI-STAGE VERTICAL CENTRIFUGAL ELECTRIC PUMPS WITH COUPLING

SYSTEMS OF CIVIL AND INDUSTRIAL PRESSURIZATION, PRESSURE GROUPS



ENERGY EFFICIENCY IE2

Vertical multistage centrifugal pump suitable for water systems of medium and large utilities. Suitable for pressure groups, boiler energy supply and circulation of hot water, conveying condensate and cooling water, fire fighting and washing, drinking water supply and autoclave systems, sprinkling and rain irrigation systems. Pump body and flange made of cast iron categorized, impellers, diffusers, diffuser bodies and pump casing in stainless steel AISI 304. Pump housing and lantern exterior made of cast iron treated with electrophoresis. Standardized mechanical seal Silicon Carbide / Carbon / EPDM. Motor-pump by means of a rigid coupling.

Degree of protection: IP 55.
Insulation class: F.
Standard voltage: Three-phase 400 V / 50 Hz
Operating range: 17 to 70 m3 / h with head up to 320 meters.
Pumped liquid: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallized and chemically neutral, close to water characteristics.
Liquid temperature range: from -15 ° C to +120 ° C.
Maximum ambient temperature: +40 ° C.
Maximum operating pressure: 32 bar (3200kPa).
Installation: fixed in an upright position.
Special versions on request: other voltages and 60 Hz version.
On demand version completly in stainless steel, for more information please contact our sales network.
IE3 motor efficiency class available on request. Please contact our sales network for a price quotation.

ACCESSORIES
PAG. 443

NKV 32

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA								
		VOLTAGE 50 Hz	P2 NOMINAL		In A	Q=m³h	0	15	18	22	25	30	35	40	45
			kW	HP		Q=l/min	0	250	300	367	417	500	583	667	750
NKV 32/2-2 T	60162751	3 x 400 V Δ	4	5,5	8,1	H (m)	36	33,5	32,5	30,5	29,5	26,5	22,5	18	12,5
NKV 32/2 T	60162752	3 x 400 V Δ	5,5	7,5	10,4		48,5	43,5	42,5	41	39,5	36,5	33,5	29	23,5
NKV 32/3-2 T	60162753	3 x 400 V Δ	5,5	7,5	10,4		60	54,5	53	50,5	48	44	38	31,5	23,5
NKV 32/3 T	60162754	3 x 400 V Δ	7,5	10	14,0		73	65	63,5	61	59	55	50	43,5	35,5
NKV 32/4-2 T	60162755	3 x 400 V Δ	7,5	10	14,0		84,5	76,5	74	70,5	68	62	55	46	35
NKV 32/4 T	60162756	3 x 400 V Δ	11	15	20,2		98	88	86	83	80,5	75	69	60	49,5
NKV 32/5-2 T	60162757	3 x 400 V Δ	11	15	20,2		109,5	99,5	97	93	89,5	83	74	63	49,5
NKV 32/5 T	60162758	3 x 400 V Δ	15	20	27,0		122,5	109,5	107	103,5	100	93,5	85,5	75	61,5
NKV 32/6-2 T	60162759	3 x 400 V Δ	15	20	27,0		134	121,5	118,5	113,5	109,5	101,5	91	78	61,5
NKV 32/6 T	60162760	3 x 400 V Δ	15	20	27,0		146,5	131	128	123,5	119,5	111,5	102	89	73
NKV 32/7-2 T	60162761	3 x 400 V Δ	15	20	27,0		158	142,5	139	133,5	128,5	119	107	91,5	72,5
NKV 32/7 T	60162762	3 x 400 V Δ	18,5	25	33,0		171	152,5	149	144	139,5	130	119	103,5	85
NKV 32/8-2 T	60162763	3 x 400 V Δ	18,5	25	33,0		182,5	164,5	160	154	148,5	137,5	124	106	84,5
NKV 32/8 T	60162764	3 x 400 V Δ	18,5	25	33,0		194,5	174	169,5	164	158,5	147,5	134,5	117	95,5
NKV 32/9-2 T	60162765	3 x 400 V Δ	22	30	39,5		208,5	188,5	184	177	171	159	144	124,5	100,5
NKV 32/9 T	60162766	3 x 400 V Δ	22	30	39,5		221	198	194	187,5	181,5	169,5	155,5	136	112
NKV 32/10-2 T	60162767	3 x 400 V Δ	22	30	39,5		233	210	205	197,5	191	177,5	161	139	112
NKV 32/10 T	60162768	3 x 400 V Δ	30	40	52,0		246,5	221,5	217	210	203,5	190,5	175	153,5	126,5
NKV 32/11-2 T	60162769	3 x 400 V Δ	30	40	52,0		258	233,5	228,5	220,5	213	198,5	180,5	156,5	127
NKV 32/11 T	60162770	3 x 400 V Δ	30	40	52,0		271	243,5	238	230,5	223,5	209	192	168	138,5
NKV 32/12-2 T	60162771	3 x 400 V Δ	30	40	52,0		282,5	255,5	249,5	241	233	217	197,5	171	139
NKV 32/12 T	60162772	3 x 400 V Δ	30	40	52,0		295	265,5	259,5	251	243	227,5	208,5	182,5	150,5
NKV 32/13-2 T	60162773	3 x 400 V Δ	30	40	52,0		307	277,5	271	261,5	252,5	235,5	214	185,5	151
NKV 32/13 T	60162774	3 x 400 V Δ	30	40	52,0		319,5	287	280,5	271,5	263	246	225,5	197	162,5

NKV 45

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA												
		VOLTAGE 50 Hz	P2 NOMINAL		In	Q=m³h	0	15	18	22	25	30	35	40	45	54	60	65	70
			kW	HP	A	Q=l/min	0	250	300	367	417	500	583	667	750	900	1000	1083	1166
NKV 45/2-2 T	60162775	3 x 400 V Δ	5,5	7,5	10,4		38,5	37,5	37	36,5	35,5	34,5	33	31	28,5	23	18,5	14,5	10
NKV 45/2 T	60162776	3 x 400 V Δ	7,5	10	14,0		48,5	47,5	47	46	45,5	44	43	41,5	39	34	30,5	26,5	23
NKV 45/3-2 T	60162777	3 x 400 V Δ	11	15	20,2		63	62	61,5	60,5	59,5	58	56	53,5	50	42	36	30	24
NKV 45/3 T	60162778	3 x 400 V Δ	11	15	20,2		73,5	72	71	70	69	67	65,5	63	60	52,5	47	41	34
NKV 45/4-2 T	60162779	3 x 400 V Δ	15	20	27,0		87,5	86	85	83,5	82	80	77,5	74	69,5	59,5	51	43	34
NKV 45/4 T	60162780	3 x 400 V Δ	15	20	27,0		97,5	96	94,5	93	91,5	89	86,5	84	79,5	69,5	62	54,5	45
NKV 45/5-2 T	60162781	3 x 400 V Δ	18,5	25	33,0		112	109,5	108,5	106,5	105	102	99	94,5	89	76,5	66	56	45
NKV 45/5 T	60162782	3 x 400 V Δ	18,5	25	33,0		122	119,5	118	115,5	114	111	108	104,5	99	86,5	77	67,5	56
NKV 45/6-2 T	60162783	3 x 400 V Δ	22	30	39,5		137,5	135	133,5	131	129	126	122	117,5	110,5	95,5	83,5	72	58
NKV 45/6 T	60162784	3 x 400 V Δ	22	30	39,5		147,5	145	143,5	140,5	138,5	135	131,5	127	121	106	95	83,5	71
NKV 45/7-2 T	60162785	3 x 400 V Δ	30	40	52,0		162,5	160	158	155,5	153	149,5	145	139,5	132	115	101	87,5	73
NKV 45/7 T	60162786	3 x 400 V Δ	30	40	52,0	H (m)	172,5	170	168	165	162,5	158,5	154,5	149,5	142,5	125,5	112	99	83
NKV 45/8-2 T	60162787	3 x 400 V Δ	30	40	52,0		187	184	182	178,5	176	171,5	167	160,5	152	132	116,5	101	83
NKV 45/8 T	60162788	3 x 400 V Δ	30	40	52,0		197	194	191,5	188	185,5	181	176,5	170,5	162,5	142,5	127,5	112,5	94
NKV 45/9-2 T	60162789	3 x 400 V Δ	37	50	64,0		211,5	208	205,5	202	199	194	188,5	181,5	172	149,5	132	114,5	94
NKV 45/9 T	60162790	3 x 400 V Δ	37	50	64,0		221,5	218	215,5	211,5	208	203	198	191,5	182	160	143	126	106
NKV 45/10-2 T	60162791	3 x 400 V Δ	37	50	64,0		235,5	231,5	229	225	221,5	216	210	202	191,5	166,5	147	127,5	106
NKV 45/10 T	60162792	3 x 400 V Δ	37	50	64,0		246	242	239	234	230,5	225	219	212	201,5	177	158	139	117
NKV 45/11-2 T	60162793	3 x 400 V Δ	45	60	78,5		261	256,5	254	249	245,5	239,5	233	224,5	213	186	164,5	143,5	119
NKV 45/11 T	60162794	3 x 400 V Δ	45	60	78,5		271	267	263,5	258,5	255	249	242,5	234,5	223,5	196,5	175,5	155	130
NKV 45/12-2 T	60162795	3 x 400 V Δ	45	60	78,5		285,5	280,5	277,5	272,5	268,5	261,5	254,5	245,5	232,5	203	179,5	156,5	130
NKV 45/12 T	60162796	3 x 400 V Δ	45	60	78,5		295,5	290,5	287,5	282	277,5	271	264	255,5	243	213,5	191	168,5	142
NKV 45/13-2 T	60162797	3 x 400 V Δ	45	60	78,5		309,5	304,5	301	295,5	291	284	276	266	252,5	220,5	195	170	142

ONLY HYDRAULIC PART

MODEL	CODE
NKV 32/2-2 T	60163336
NKV 32/2 T	60163337
NKV 32/3-2 T	60163338
NKV 32/3 T	60163339
NKV 32/4-2 T	60163340
NKV 32/4 T	60163341
NKV 32/5-2 T	60163342
NKV 32/5 T	60163343
NKV 32/6-2 T	60163344
NKV 32/6 T	60163345
NKV 32/7-2 T	60163346
NKV 32/7 T	60163347
NKV 32/8-2 T	60163348
NKV 32/8 T	60163349
NKV 32/9-2 T	60163351
NKV 32/9 T	60163352
NKV 32/10-2 T	60163353
NKV 32/10 T	60163354
NKV 32/11-2 T	60163355
NKV 32/11 T	60163356
NKV 32/12-2 T	60163357
NKV 32/12 T	60163358
NKV 32/13-2 T	60163359
NKV 32/13 T	60163360

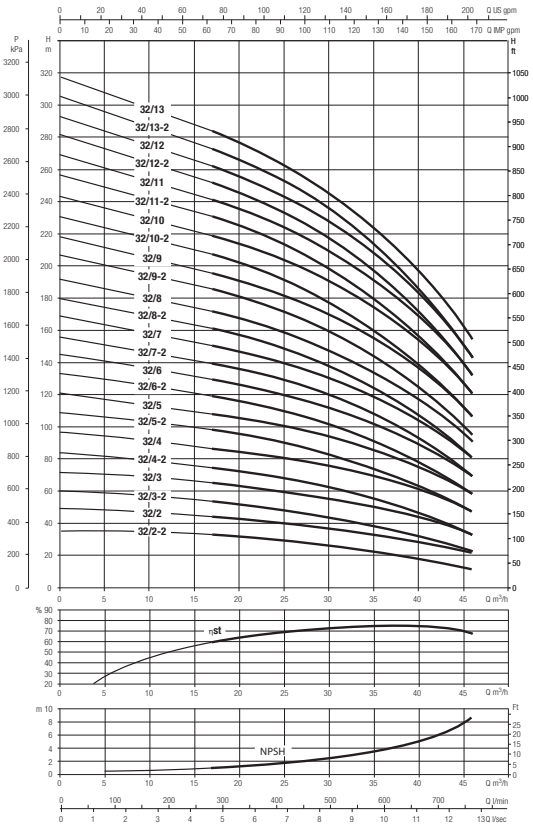
MODEL	CODE
NKV 45/2-2 T	60163361
NKV 45/2 T	60163362
NKV 45/3-2 T	60163363
NKV 45/3 T	60163364
NKV 45/4-2 T	60163365
NKV 45/4 T	60163366
NKV 45/5-2 T	60163367
NKV 45/5 T	60163368
NKV 45/6-2 T	60163369
NKV 45/6 T	60163370
NKV 45/7-2 T	60163371
NKV 45/7 T	60163372
NKV 45/8-2 T	60163373
NKV 45/8 T	60163374
NKV 45/9-2 T	60163375
NKV 45/9 T	60163376
NKV 45/10-2 T	60163377
NKV 45/10 T	60163378
NKV 45/11-2 T	60163379
NKV 45/11 T	60163380
NKV 45/12-2 T	60163381
NKV 45/12 T	60163382
NKV 45/13-2 T	60163383

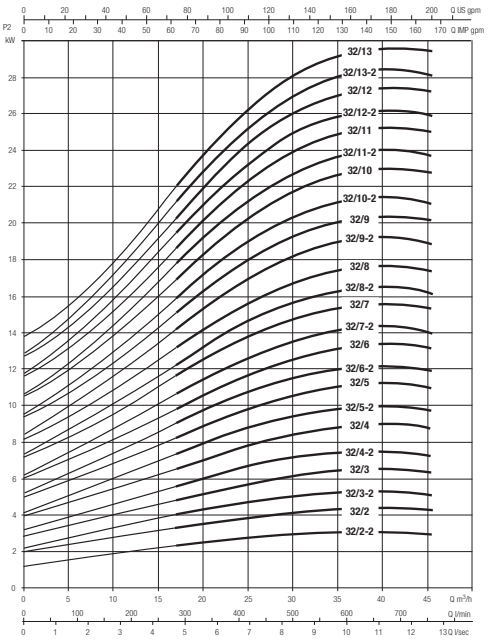
DAB PUMPS reserves the right to make modifications without notice

NKV 32/45 NKV

MULTI-STAGE VERTICAL CENTRIFUGAL ELECTRIC PUMPS WITH COUPLING

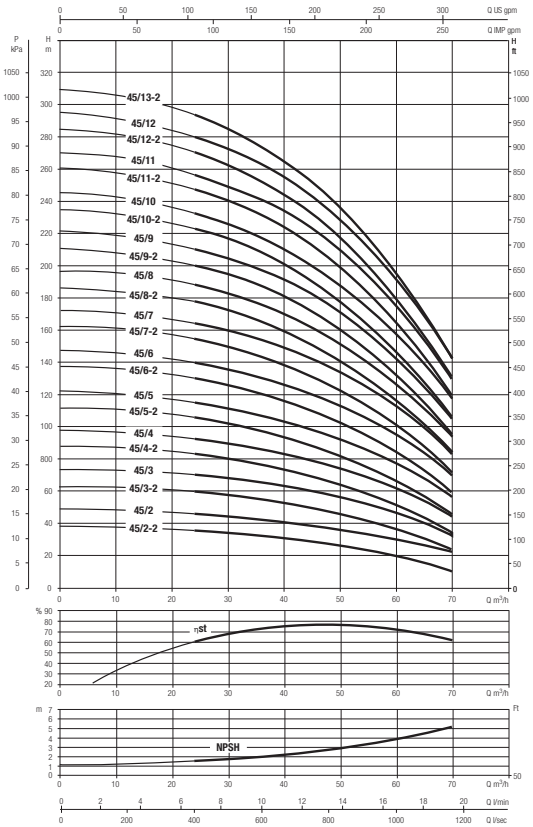
NKV 32

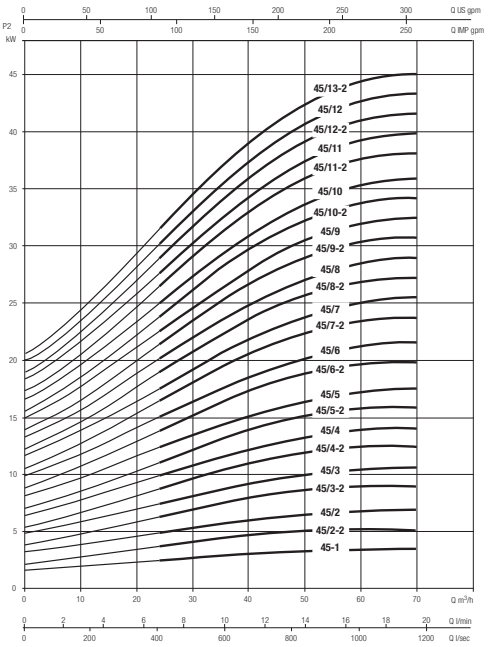




The performance curves are based on kinematic viscosity values = 1 mm2/s and density aequivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.

NKV 45

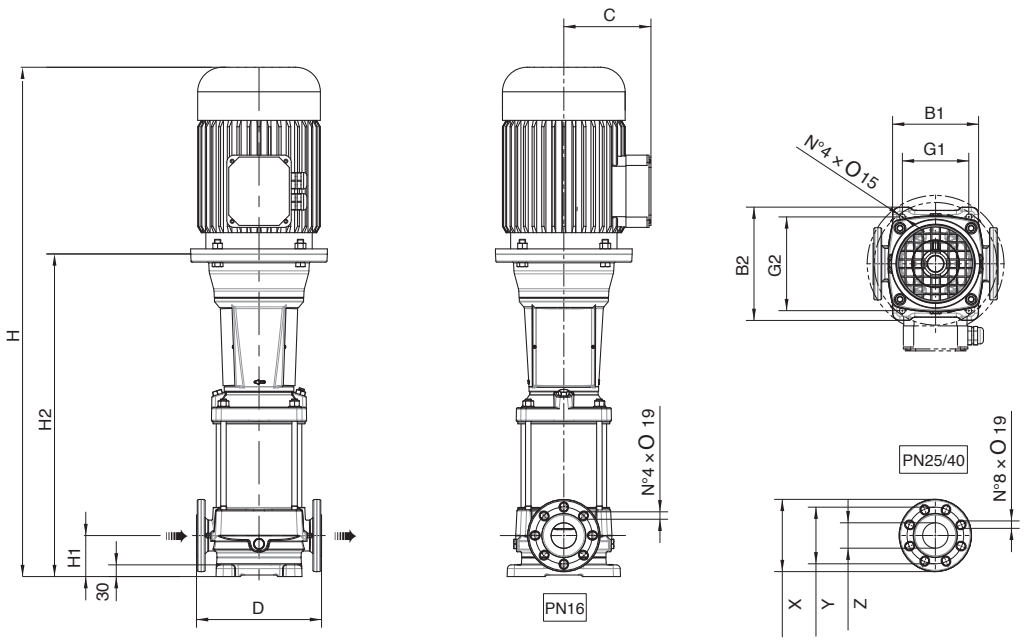




The performance curves are based on kinematic viscosity values = 1 mm2/s and density aequivalent to 1000 kg/m³. Tolerance of curves to ISO 9906.

DIMENSIONS AND WEIGHTS

NKV 32

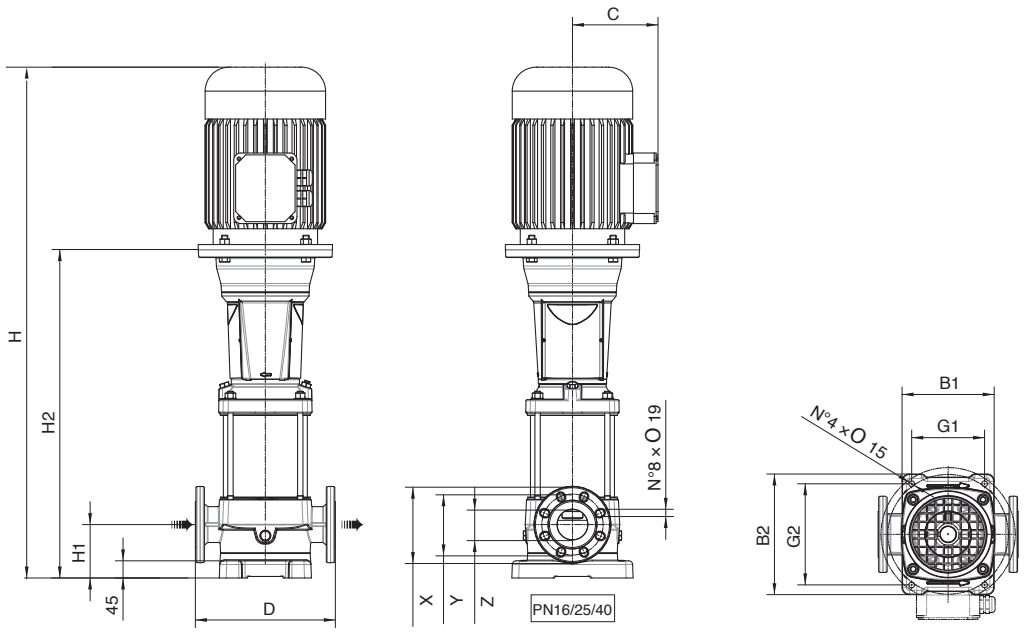


Version F: The pump is supplied without counter flanges (optional accessories, including joints and bolts).

MODEL	STAGE N°	B1	B2	G1	G2	C	D	H	H1	H2	DNA = DNM (DN 65)			WEIGHT Kg
											X	Y	Z	
NKV 32/2-2 T	2	220	290	170	240	145	320	887	105	537	185	145	65	93
NKV 32/2 T	2	220	290	170	240	161	320	1115	105	724	185	145	65	140
NKV 32/3-2 T	3	220	290	170	240	161	320	1196	105	806	185	145	65	144
NKV 32/3 T	3	220	290	170	240	161	320	1196	105	806	185	145	65	151
NKV 32/4-2 T	4	220	290	170	240	161	320	1298	105	888	185	145	65	158
NKV 32/4 T	4	220	290	170	240	198	320	1413	105	908	185	145	65	206
NKV 32/5-2 T	5	220	290	170	240	198	320	1495	105	990	185	145	65	210
NKV 32/5 T	5	220	290	170	240	198	320	1495	105	990	185	145	65	224
NKV 32/6-2 T	6	220	290	170	240	198	320	1577	105	1072	185	145	65	228
NKV 32/6 T	6	220	290	170	240	198	320	1577	105	1072	185	145	65	228
NKV 32/7-2 T	7	220	290	170	240	198	320	1659	105	1154	185	145	65	232
NKV 32/7 T	7	220	290	170	240	238	320	1714	105	1154	185	145	65	253
NKV 32/8-2 T	8	220	290	170	240	238	320	1796	105	1236	185	145	65	257
NKV 32/8 T	8	220	290	170	240	238	320	1796	105	1236	185	145	65	257
NKV 32/9-2 T	9	220	290	170	240	238	320	1898	105	1318	185	145	65	291
NKV 32/9 T	9	220	290	170	240	238	320	1898	105	1318	185	145	65	291
NKV 32/10-2 T	10	220	290	170	240	238	320	1985	105	1400	185	145	65	298
NKV 32/10 T	10	220	290	170	240	297	320	2065	105	1405	185	145	65	357
NKV 32/11-2 T	11	220	290	170	240	297	320	2147	105	1487	185	145	65	361
NKV 32/11 T	11	220	290	170	240	297	320	2147	105	1487	185	145	65	361
NKV 32/12-2 T	12	220	290	170	240	297	320	2229	105	1569	185	145	65	365
NKV 32/12 T	12	220	290	170	240	297	320	2229	105	1569	185	145	65	365
NKV 32/13-2 T	13	220	290	170	240	297	320	2311	105	1651	185	145	65	369
NKV 32/13 T	13	220	290	170	240	297	320	2311	105	1651	185	145	65	369

DIMENSIONS AND WEIGHTS

NKV 45



Version F: The pump is supplied without counter flanges (optional accessories, including joints and bolts).

MODEL	STAGE N°	B1	B2	G1	G2	C	D	H	H1	H2	DNA = DNM (DN 65)			WEIGHT Kg
											X	Y	Z	
NKV 45/2-2 T	2	240	316	190	265	161	365	1149	140	759	200	160	80	146
NKV 45/2 T	2	240	316	190	265	161	365	1149	140	759	200	160	80	153
NKV 45/3-2 T	3	240	316	190	265	198	365	1366	140	861	200	160	80	208
NKV 45/3 T	3	240	316	190	265	198	365	1366	140	861	200	160	80	208
NKV 45/4-2 T	4	240	316	190	265	198	365	1448	140	943	200	160	80	226
NKV 45/4 T	4	240	316	190	265	198	365	1448	140	943	200	160	80	226
NKV 45/5-2 T	5	240	316	190	265	238	365	1585	140	1025	200	160	80	251
NKV 45/5 T	5	240	316	190	265	238	365	1585	140	1025	200	160	80	251
NKV 45/6-2 T	6	240	316	190	265	238	365	1687	140	1107	200	160	80	284
NKV 45/6 T	6	240	316	190	265	238	365	1687	140	1107	200	160	80	284
NKV 45/7-2 T	7	240	316	190	265	297	365	1854	140	1194	200	160	80	350
NKV 45/7 T	7	240	316	190	265	297	365	1854	140	1194	200	160	80	350
NKV 45/8-2 T	8	240	316	190	265	297	365	1936	140	1276	200	160	80	354
NKV 45/8 T	8	240	316	190	265	297	365	1936	140	1276	200	160	80	354
NKV 45/9-2 T	9	240	316	190	265	297	365	2018	140	1358	200	160	80	375
NKV 45/9 T	9	240	316	190	265	297	365	2018	140	1358	200	160	80	375
NKV 45/10-2 T	10	240	316	190	265	297	365	2100	140	1440	200	160	80	379
NKV 45/10 T	10	240	316	190	265	297	365	2100	140	1440	200	160	80	379
NKV 45/11-2 T	11	240	316	190	265	333	365	2227	140	1522	200	160	80	441
NKV 45/11 T	11	240	316	190	265	333	365	2227	140	1522	200	160	80	441
NKV 45/12-2 T	12	240	316	190	265	333	365	2309	140	1604	200	160	80	445
NKV 45/12 T	12	240	316	190	265	333	365	2309	140	1604	200	160	80	445
NKV 45/13-2 T	13	240	316	190	265	333	365	2391	140	1686	200	160	80	449

CENTRIFUGAL PUMPS ACCESSORIES

COUNTERFLANGE KIT	MODEL	CODE	COUNTERFLANGES AND SEALS	THREADED	MATERIAL	PN	NKM-GE - NKP-GE NKM-G- NKP-G	KDNE - KDN
 DN 32	DN 32	109620520	1 x DN 32 + 1 x DN 50	THREADED	STEEL	16	•	•
	DN 40	109620530	1 x DN 40 + 1 x DN 65	THREADED	STEEL	16	•	•
	DN 50	109620540	1 x DN 50 + 1 x DN 65	THREADED	STEEL	16	•	•
	DN 65	109620550	1 x DN 65 + 1 x DN 80	THREADED	STEEL	16	•	•
	DN 32	109620400	1 x DN 32 + 1 x DN 50	TO BE WELDED	STEEL	16	•	•
	DN 40	109620410	1 x DN 40 + 1 x DN 65	TO BE WELDED	STEEL	16	•	•
	DN 50	109620420	1 x DN 50 + 1 x DN 65	TO BE WELDED	STEEL	16	•	•
	DN 50/1	60115139	1 x DN 50 + 1 x DN 80	TO BE WELDED	STEEL	16		•
	DN 65	109620430	1 x DN 65 + 1 x DN 80	TO BE WELDED	STEEL	16	•	•
	DN 65/1	60115140	1 x DN 65 + 1 x DN 100	TO BE WELDED	STEEL	16		•
	DN 80	109620440	1 x DN 80 + 1 x DN 100	TO BE WELDED	STEEL	16	•	•
	DN 80/1	60115141	1 x DN 80 + 1 x DN 125	TO BE WELDED	STEEL	16		•
	DN 100	109620450	1 x DN 100 + 1 x DN 125	TO BE WELDED	STEEL	16	•	•
	DN 125	109620460	1 x DN 125 + 1 x DN 150	TO BE WELDED	STEEL	16	•	•
	DN 150	109620470	1 x DN 150 + 1 x DN 200	TO BE WELDED	STEEL	16 (10 x DN 200)	•	•
	DN 200	109620480	1 x DN 200 + 1 x DN 250	TO BE WELDED	STEEL	16 (10 x DN 200)		•
	DN 250/1	109620500	1 x DN 250 + 1 x DN 300	TO BE WELDED	STEEL	16		•
	DN 300	109620510	1 x DN 300 + 1 x DN 350	TO BE WELDED	STEEL	16		•
	DN 350	60115142	1 x DN 350 + 1 x DN 400	TO BE WELDED	STEEL	16		•

The kit comprises suction and delivery counterflanges with the relative seals, screws and nuts required by the size of the pump to which it refers.

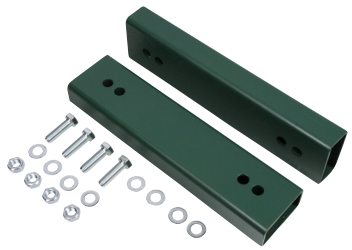
ACCESSORIES - MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

COUNTERFLANGE KIT	MODEL	CODE	COUNTERFLANGES AND SEALS	THREADED	MATERIAL	PN	NKV 10	NKV 15-20	NKV 32	NKV 45
 DN 40 / DN 50	DN 40	60119214	1 x DN 40 + 1 x DN 40	THREADED	STEEL	40	•			
	DN 50	60119215	1 x DN 50 + 1 x DN 50	THREADED	STEEL	40		•		
	DN 65*	60163388	1 x DN 65 + 1 x DN 65	THREADED	STEEL	40			•	
	DN 80*	60163389	1 x DN 65 + 1 x DN 80	THREADED	STEEL	40				•

* Threaded collar but without

UNIONS	MODEL	CODE	KVC	KVCX
	UNIONS MF 1" ¼	547820550	•	•

The unions must be ORDERED SEPARATELY.
One for Delivery port and one for Suction port

SHIMS KIT	MODEL	CODE	For pump type	P2 kW	DIMENSIONS A x B x H mm	NKM-G 4 POLES	NKP-G 2 POLES
 SHIMS KIT nr 5	SHIMS KIT nr 1	147120800	NKM-G 65-315/309/1¼	11	90 x 335 x 65	•	
	SHIMS KIT nr 5	147120840	NKM-G 80-250/270/1¼	11	80 x 290 x 40	•	
	SHIMS KIT nr 2	147120810	NKM-G 80-315/305/15/4	15	90 x 335 x 90	•	
	SHIMS KIT nr 3	147120820	NKM-G 80-315/320/18,5 /4	18,5	100 x 320 x 70	•	
			NKM-G 80-315/334/22/4	22			
	SHIMS KIT nr 1	147120800	NKM-G100-250/250/1¼	11	90 x 335 x 65	•	
			NKM-G100-250/270/15/4	15			
	SHIMS KIT nr 3	147120820	NKM-G100-315/300/18.5 /4	18,5	100 x 320 x 70	•	
			NKM-G100-315/316/22 /4	22			
	SHIMS KIT nr 2	147120810	NKM-G125-250/243/15/4	15	90 x 335 x 90	•	
	SHIMS KIT nr 3	147120820	NKM-G125-250/256/18,5 /4	18,5	100 x 320 x 70	•	
			NKM-G125-250/266/22/4	22			
	SHIMS KIT nr 4	147120830	NKM-G150-200/218/1¼	11	80 X 290 X 120	•	
	SHIMS KIT nr 6	147120850	NKP-G 32-125/142/ 3 /2	3	50 x 100 x 20		•
			NKP-G 32-160/177/5,5/2	5,5			
			NKP-G 40-125/130/ 3 /2	3			
			NKP-G 40-125/139/ 4 /2	4			
			NKP-G 40-160/158/ 5,5 /2	5,5			
			NKP-G 40-160/172/ 7,5 /2	7,5			
	SHIMS KIT nr 7	147120860	NKP-G 40-200/210/1½	11	70 x 332 x 20		•
			NKP-G 40-250/230/15/2	15			
			NKP-G 40-250/245/18.5 /2	18,5			
	SHIMS KIT nr 6	147120850	NKP-G 50-125/135/ 5,5 /2	5,5	50 x 100 x 20		•
			NKP-G 50-125/144/ 7,5 /2	7,5			
	SHIMS KIT nr 7	147120860	NKP-G 50-160/169/1½	11	70 x 332 x 20		•
			NKP-G 50-200/200/15 /2	15			
			NKP-G 50-200/210/18,5 /2	18,5			
			NKP-G 65-160/157/1½	11			
			NKP-G 65-160/173/15 /2	15			
			NKP-G 65-200/190/18,5 /2	18,5			
			NKP-G 80-160/147-127/1½	11			
			NKP-G 80-160/153/15 /2	15			
			NKP-G 80-160/163/18,5 /2	18,5			
	SHIMS KIT nr 8	147120870	NKP-G 80-200/190/30 /2	30	70 x 125 x 20		•

Available on request separately from the pump. Used to level the pump during installation so as to make up for the difference in centreline heights between the pump and the motor.
The kit comprises two shims with dimensions A (width), B (length), H (height) shown in the table.
The shims with a height of over 20 mm are supplied complete with screws, nuts and washers in order to fix them to the pump and motor.

NOTES

INDEX - SUBMERSIBLE PUMPS



NOVA

A7 PAG. 448



NOVA UP
NOVA UP X
NEW

A7 PAG. 450



NOVA UP MAE
NEW

A7 PAG. 452



VERTY NOVA

A7 PAG. 453



NOVA SALT W

A7 PAG. 454



DRENAG
500/700/900

PAG. 455



DRENAG
1000/1200

C8 PAG. 456



DRENAG
1400/1800

C9 PAG. 457



DRENAG
1600/2000/2500/3000

E6 PAG. 458



DIG
1100/1500/1800/2200

CQ PAG. 459



DIG
3700/5500/8500/11000

CQ PAG. 460



GRINDER
1000/1200/1600

CM PAG. 461



GRINDER
1400/1800

CN PAG. 462



FEKA 600

CG PAG. 463



FEKA BVP

AF PAG. 464



FEKA GL
500/650

PAG. 465



FEKA GL
750/1000

CI PAG. 466



FEKA VS/VX

CJ PAG. 467



FEKA
1400/1800

CI PAG. 469



FEKA
2000

CA PAG. 470



FEKA
2500/2700

CB PAG. 471



FEKA
3000/3500/3700

CC PAG. 472



FEKA
4000/4100/4200

CD PAG. 474



FEKA
6000/6100/6200/6300/
8100/8200/8300

CE CF PAG. 476



SOCCORRER

A6 PAG. 478



NOVAPOND

D8 PAG. 481



NINPHAEA

A8 PAG. 482



NOVAIR

AK PAG. 483



FEKALIFT

DC PAG. 484



NOVABOX

AE PAG. 486



FEKABOX 110

CK PAG. 487



FEKABOX 200

CK PAG. 488



FEKABOX 280

CK PAG. 489



FEKAFOS 200

CK PAG. 490



FEKAFOS 280

CK PAG. 491



FEKABOX/FEKAFOS
200/280
NEW

PAG. 491



FEKAFOS 280 DOUBLE

CK PAG. 492



FEKAFOS 550

CK PAG. 493



FEKAFOS 1200 - 2000 - 3800

CK PAG. 494



ACCESSORIES
NEW

PAG. 499

PANELS
NEW

PAG. 506



NOVA M-A

NOVA M-NA

SUBMERSIBLE PUMPS FOR DRAINAGE WATER

Pumpbody,impeller,capandsuctiongridintechnopolymer. Motor, rotor shaft and screws in stainless steel.
Triple O-ring seal interposed with an oil precombustion chamber. Continuous duty submersible asynchronous motor. Stator fitted in an airtight stainless steel casing.
Rotor mounted on overdimensioned, greased-for-life ball bearings. Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. For the protection of the three-phase motor it is advisable to use a suitable overload protection complying with the regulations in force. Supplied with standard power cables for the single-phase version:
5 meters H05RN-F per: NOVA 180 M-A
NOVA 300 M-A
NOVA 600 M-A
10 meters H05RN-F per: NOVA 180 M-NA
NOVA 200 M-NA
10 meters H07RN-F per: NOVA 600 M-NA
Standard cables supplied for the three-phase version: 5 metres of HO7RN-F cable. For the single phase the standard is a SCHUKO plug EEC VII.

For special version available with special stainless steel motor shaft.
Operating range: from 1 to 16 m^3/h with head up to 10.2 metres
Liquid temperature range: from 0°C to +35° C for domestic use
Pumped liquid characteristics:
NOVA fibre-less murky water
Granulometersc passage through the suction grid:
NOVA 180-NOVA 200 5 mm
NOVA 300 – NOVA 600 10 mm
Min. suction depth:
NOVA 180 A 77 mm
NOVA 180 NA – NOVA 200 8 mm
NOVA 300 85 mm
NOVA 600 A 175 mm
NOVA 600 NA 38 mm
Maximum immersion depth: 7 metres
Maximum dry running time: 1 minute
Protection level: IP 68
Insulation class: F

ACCESSORIES PAG 499
PANELS PAG 506

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA												
		VOLTAGE	P1 MAX	P2 NOMINAL		In	Q=m^3h	0	1	2	3	4,5	5	6	7	7,5	9	10	12	15
		50 HZ	kW	kW	HP	A	Q=l/min	0	16,6	33,3	50	75	83,3	100	116,6	125	150	166,6	200	250
NOVA 180 M-A	103022814	1X220-240 V~	0,19	0,2	0,28	0,9		4,95	4,45	3,9	3,15	1,7	1,15							
NOVA 300 M-A	103022014	1X220-240 V~	0,35	0,22	0,3	1,6	H (m)	7,18	6,7	6,23	5,8	5,2	5	4,6	4,2	4	3,42	3	2,2	
NOVA 600 M-A	103022414	1X220-240 V~	0,80	0,55	0,75	3,4		10,2	9,7	9,3	8,9	8,3	8,1	7,8	7,4	7,2	6,6	6,1	5	3,1
NOVA 600 T-NA	103000064	3X400 V~	0,80	0,55	0,75	1,6		10,2	9,7	9,3	8,9	8,3	8,1	7,8	7,4	7,2	6,6	6,1	5	3,1

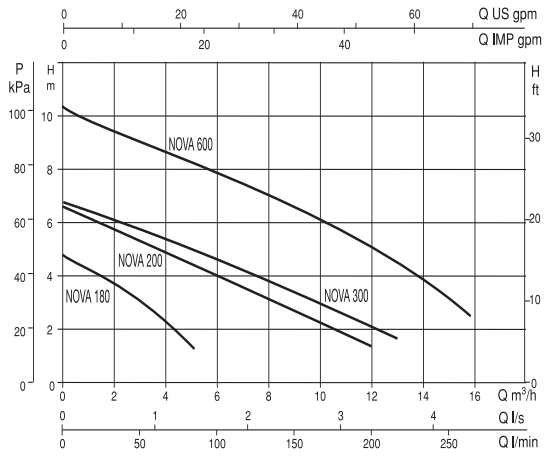
A= automatic with float NA= non automatic without float

SPECIAL VERSION with a special stainless steel motor shaft

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA												
		VOLTAGE	P1 MAX	P2 NOMINAL		In	Q=m^3h	0	1	2	3	4,5	5	6	7	7,5	9	10	12	15
		50 HZ	kW	kW	HP	A	Q=l/min	0	16,6	33,3	50	75	83,3	100	116,6	125	150	166,6	200	250
NOVA 180 M-A - SV	103002684	1X220-240 V~	0,19	0,2	0,28	0,9		4,95	4,45	3,9	3,15	1,7	1,15							
NOVA 180 M-NA - SV	103002694	1X220-240 V~	0,19	0,2	0,28	0,9		4,95	4,45	3,9	3,15	1,7	1,15							
NOVA 200 M-NA - SV	103002704	1X220-240 V~	0,35	0,22	0,3	1,5		7,1	6,6	6,1	5,6	4,9	4,7	4,2	3,7	3,5	2,8	2,35	1,5	
NOVA 300 M-A - SV	103002724	1X220-240 V~	0,35	0,22	0,3	1,6	H (m)	7,18	6,7	6,23	5,8	5,2	5	4,6	4,2	4	3,42	3	2,2	
NOVA 600 M-A - SV	103002744	1X220-240 V~	0,80	0,55	0,75	3,4		10,2	9,7	9,3	8,9	8,3	8,1	7,8	7,4	7,2	6,6	6,1	5	3,1
NOVA 600 M-NA - SV	103002754	1X220-240 V~	0,80	0,55	0,75	3,4		10,2	9,7	9,3	8,9	8,3	8,1	7,8	7,4	7,2	6,6	6,1	5	3,1
NOVA 600 T-NA - SV	103005814	3X400 V~	0,80	0,55	0,75	1,6		10,2	9,7	9,3	8,9	8,3	8,1	7,8	7,4	7,2	6,6	6,1	5	3,1

A= automatic with float NA= non automatic without float

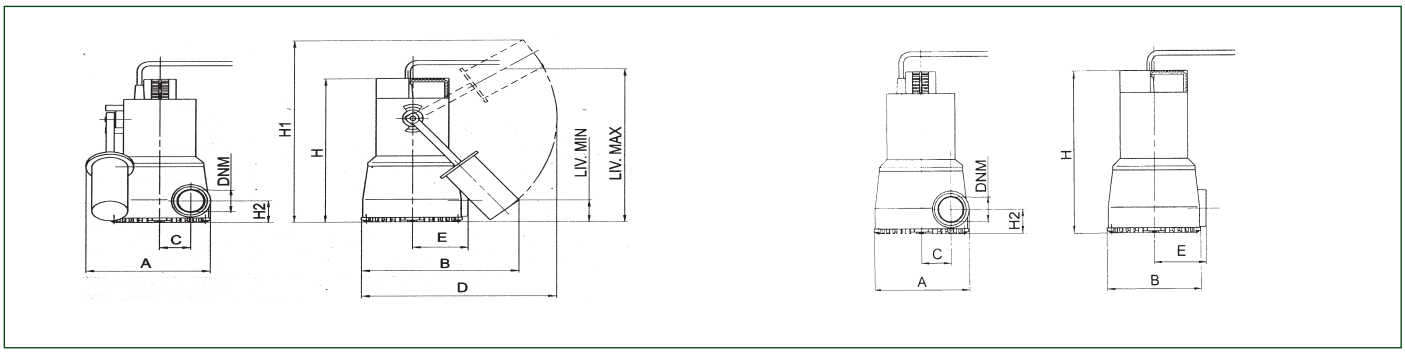
NOVA



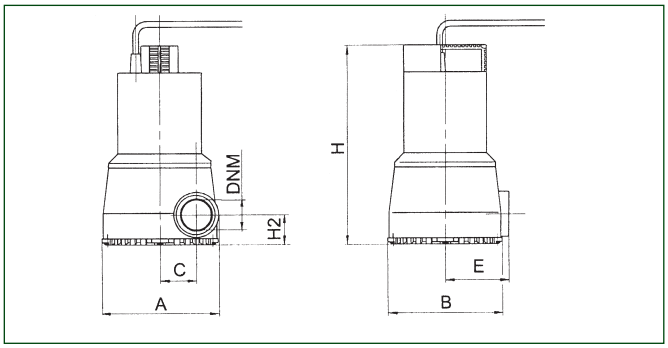
DAB PUMPS reserves the right to make modifications without notice

DIMENSIONS AND WEIGHTS

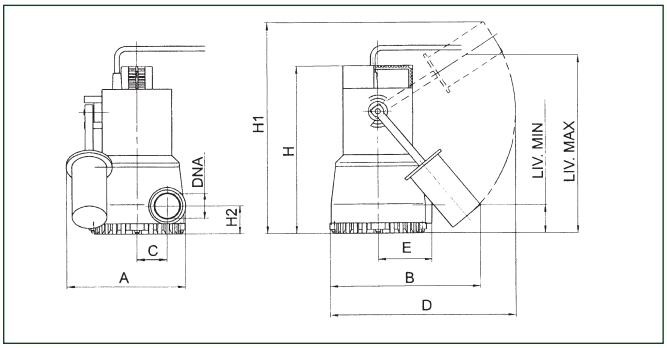
NOVA 180



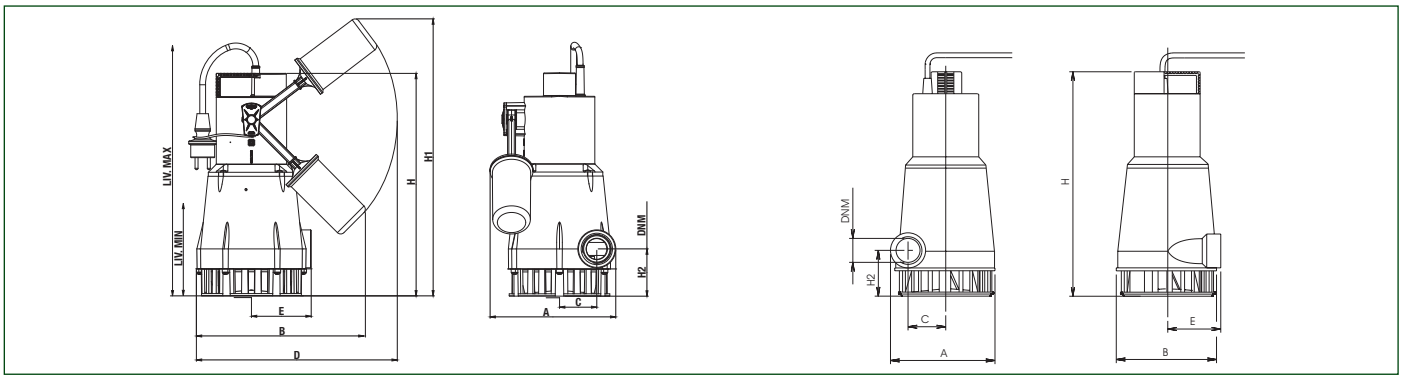
NOVA 200



NOVA 300



NOVA 600



MODEL	A	B	C	D	E	H	H1	H2	LIV. MIN.	LIV. MAX	DNM GAS	PACKAGING DIMENSIONS			CABLE	Q.TY X PALLETS	WEIGHT Kg
												L/A	L/B	H			
NOVA 180 M-A	181	235	46	296	82	253	345	38	77	277	1"1/4"	287	202	320	5 mt.	48	4,6
NOVA 180 M-NA	148	148	46	–	82	253	–	38	–	–	1"1/4"	287	202	320	10 mt.	48	4,5
NOVA 180 M-A SV *	181	235	46	296	82	253	345	38	77	277	1"1/4"	287	202	320	5 mt.	48	4,6
NOVA 180 M-NA SV *	148	148	46	–	82	253	–	38	–	–	1"1/4"	287	202	320	10 mt.	48	4,5
NOVA 200 M-NA	148	148	46	–	82	253	–	38	–	–	1"1/4"	287	202	320	10 mt.	48	4,5
NOVA 200 M-NA SV *	148	148	46	–	82	253	–	38	–	–	1"1/4"	287	202	320	10 mt.	48	4,5
NOVA 300 M-A	181	235	46	296	82	262	354	47	85	285	1"1/4"	287	202	320	5 mt.	48	4,6
NOVA 300 M-A SV *	181	235	46	296	82	262	354	47	85	285	1"1/4"	287	202	320	10 mt.	48	4,6
NOVA 600 M-A	193	235	56	296	90	368	443	73	190	390	1"1/4"	287	202	431	5 mt.	32	7
NOVA 600 (M-T)-NA	162	160	56	–	90	368	–	73	–	–	1"1/4"	287	202	431	10 mt.	32	6,7
NOVA 600 M-A SV *	193	235	56	296	90	368	443	73	190	390	1"1/4"	287	202	431	5 mt.	32	7
NOVA 600 (M-T)-NA SV *	162	160	56	–	90	368	–	73	–	–	1"1/4"	287	202	431	10 mt.	32	6,7

* With special stainless steel motor shaft.

DAB PUMPS reserves the right to make modifications without notice

NOVA UP - NOVA UP X

SUBMERSIBLE PUMPS

NEW

CLEAR WATER DRAINAGE FOR DOMESTIC USE



NOVA UP M-A



NOVA UP M-NA



NOVA UP X M-NA

Vertical flow drainage pump in an automatic or manual version with removable filter for suction up to 2/3 mm, features that make it a strong pump and allow for installation versatility.
These pumps can be used with liquids that contain solids of a maximum size up to 10 mm.
Pump body, impeller, Cap and grille in technopolymer.
The motor, rotor shaft and screws in stainless steel.
Triple O-ring seal with interposed oil Chamber.
Asynchronous submersible motor for continuous operation. Stator in a sealed stainless steel enclosure.
Rotor mounted on ball bearings greased for life and oversized.
Thermal-amperometersc protection incorporated and condenser permanently connected.
Special version NOVA UP X with connection port to the floating suction kit, suitable for use in tanks with rainwater recovery systems (see aquaprof) and other in tank applications.

Operating range:
from 1 to 15 m3 / h with prevalence up to 10 meters.
Temperature range of the liquid:
from 0 ° C to +35 ° C for domestic use.
Pumped liquid temperature:
murky waters without fibers
Minimum depth of draft:
NOVA UP-300M - 120 mm
NOVA UP 300M - 60 mm
NOVA UP X 300M - 70 mm
NOVA UP 600M - 165 mm
NOVA UP 600M - 70 mm
NOVA UP X 600M - 80 mm
Maximum immersion depth: 7 meters.
Installation: vertical, fixed or portable.
Degree of protection: IP 68.
Insulation class: F

TECHNICAL DATA - NOVA UP

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA												
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	0	1	2	3	4,5	5	6	7	7,5	9	10	12	13,5
				kW	HP		Q=l/min	0	16,6	33,3	50	75	83,3	100	116,6	125	150	166,6	200	225
NOVA UP 300 M-A	60152305	1X220-240 V~	0,38	0,21	0,28	1,5	H (m)	7,6	6,9	6,25	5,6	4,7	4,4	3,6	2,8	2,3	1			
NOVA UP 300 M-NA	60152309	1X220-240 V~	0,38	0,21	0,28	1,5		7,6	6,9	6,25	5,6	4,7	4,4	3,6	2,8	2,3	1			
NOVA UP 600 M-A	60152306	1X220-240 V~	0,77	0,52	0.69	3,5		9,8	9,4	9	8,5	7,7	7,4	6,8	6,2	5,9	4,7	3,9	2	0,3
NOVA UP 600 M-NA	60152310	1X220-240 V~	0,77	0,52	0.69	3,5		9,8	9,4	9	8,5	7,7	7,4	6,8	6,2	5,9	4,7	3,9	2	0,3

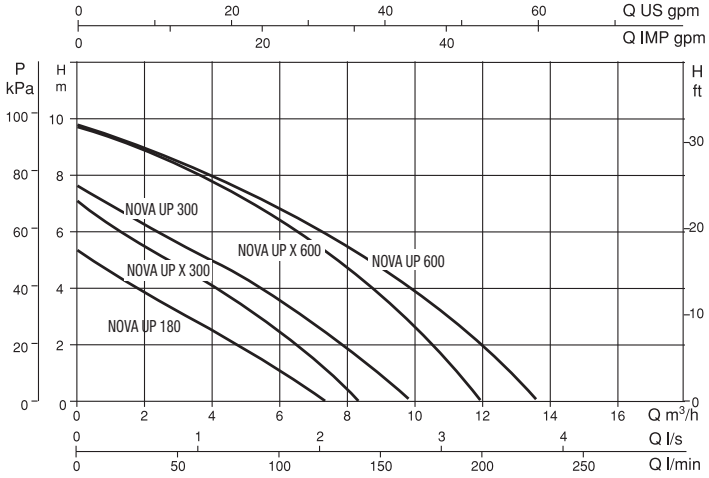
A= automatic with float NA= non automatic without float

TECHNICAL DATA - NOVA UP X

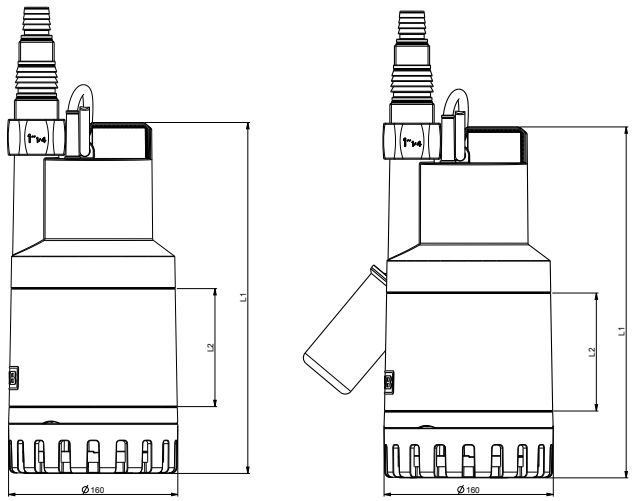
MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA												
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	0	1	2	3	4,5	5	6	7	7,5	9	10	12	13,5
				kW	HP		Q=l/min	0	16,6	33,3	50	75	83,3	100	116,6	125	150	166,6	200	225
NOVA UP X 300 M-NA	60152307	1X220-240 V~	0,38	0,21	0,28	1,5	H (m)	7,1	6,2	5,5	4,8	3,7	3,3	2,5	1,6	1				
NOVA UP X 600 M-NA	60152308	1X220-240 V~	0,77	0,52	0.69	3,5		9,7	9,4	8,9	8,4	7,5	7,2	6,5	5,6	5,1	3,7	2,5		

NA= non automatic without float

NOVA UP - NOVA UP X



DIMENSIONS AND WEIGHTS



MODELO	L1	L2	DNM GAS	CABLE	WEIGHT Kg	Q.TY X PALLETS
NOVA UP 300 MA	295,3	75,9	1" ¼	10 mt.	5,8	39
NOVA UP 300 MNA	332	111,6	1" ¼	10 mt.	5,6	39
NOVA UP 600 MA	332	111,6	1" ¼	10 mt.	7,3	26
NOVA UP 600 MNA	296,2	75,9	1" ¼	10 mt.	7,1	26
NOVA UP X 300 M-NA	313	268	1" ¼	10 mt.	5,6	36
NOVA UP X 600 M-NA	350	332	1" ¼	10 mt.	7,1	36

ACCESSORIES

MODEL	CODE
SUCTION KIT 1" ¼ GAS	60161584

DAB PUMPS reserves the right to make modifications without notice

NOVA UP MAE
SUBMERSIBLE PUMPS

NEW



NOVA UP MAE



NOVA UP MAE

CLEAR WATER DRAINAGE FOR DOMESTIC USE

Electronic pump drainage with vertical adjustable (automatic or manual) with removable filter for suction up to 2/3 mm. The adjustment slider of the probes, allows you to vary the level of on-off of the pump, this feature increases the versatility of installation.
The vertical delivery and the electronic float make it a pump suitable for use in wells of small dimensions.
These pumps can be used with liquids containing solids up to 10 mm maximum size.
Pump body, impeller, cap and grille in technopolymer.
The motor, rotor shaft and screws in stainless steel.
Triple O-ring seal with interposed oil chamber.
Asynchronous submersible motor for continuous operation. Stator in a sealed stainless steel enclosure.
Rotor mounted on ball bearings greased for life and oversized.
Thermal-amperometersc protection incorporated and condenser permanently connected.

Operating range:
from 1 to 15 m3/h-with prevalence up to 10 meters.
Temperature range of the liquid:
from 0° C to +35° C for domestic use.
Pumped liquid temperature:
murky waters without fibers
Minimum depth of draft:
NOVA UP 300 M-AE 60 mm
NOVA UP 600 M-AE 70 mm
Maximum immersion: 7 meters.
Installation: vertical, portable or fixed.
Degree of protection: IP 68.
Insulation class: F.

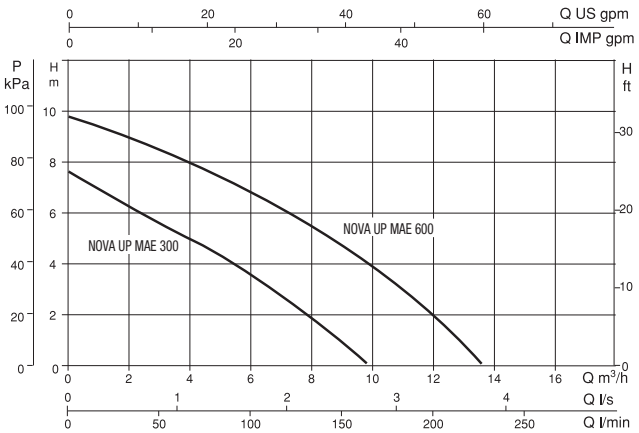
TECHNICAL DATA

MODEL	CODE
NOVA UP 300 M-AE *	60153572
NOVA UP 600 M-AE *	60153573

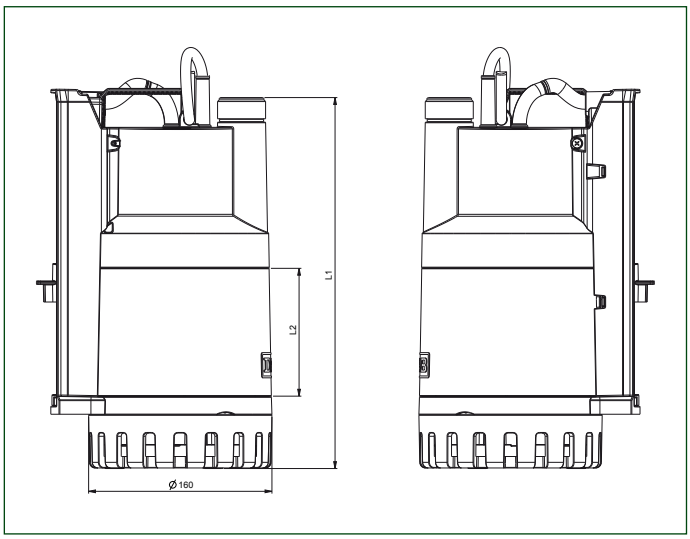
ELECTRICAL DATA					HYDRAULIC DATA													
VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m³h	0	1	2	3	4,5	5	6	7	7,5	9	10	12	13,5
					Q=l/min	0	16,6	33,3	50	75	83,3	100	116,6	125	150	166,6	200	225
1X220-240 V~	0,38	0,21	0,28	1,5	H (m)	7,6	6,9	6,25	5,6	4,7	4,4	3,6	2,8	2,3	1			
1X220-240 V~	0,77	0,52	0.69	3,5		9,8	9,4	9	8,5	7,7	7,4	6,8	6,2	5,9	4,7	3,9	2	0,3

*** Available from april 2014**

NOVA UP M-AE



DIMENSIONS AND WEIGHTS



MODELO	L1	L2	DNM GAS	CABLE	WEIGHT Kg	Q.TY X PALLETS
NOVA UP 300 M-AE	296,2	75,9	1" ¼	10 mt.	5,8	39
NOVA UP 600 M-AE	324	111,6	1" ¼	10 mt.	7,3	26

VERTY NOVA

INTEGRATED FLOAT SWITHC SUBMERSIBLE PUMPS



CE

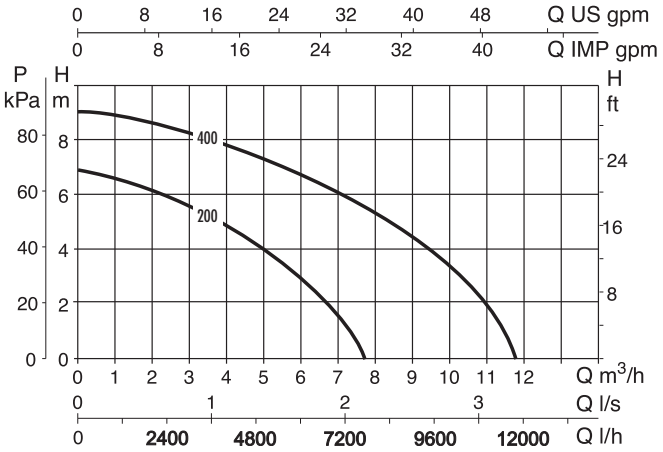
SUBMERSIBLE PUMPS FOR DRAINAGE WATER

Submersible pumps specifically designed for uses in narrow pits with dimensions down to 20 cm x 20 cm.
Suitable to pump clear water containing particles with maximum diameter up to 5 mm.
Pump with built-in float switch
Anti-corrosive and rust-proof materials.
Integrated float switch.
Low suction capability: 2 – 3 mm (manual mode).
Very low priming and starting level of the pump: 10 – 15 mm (manual mode).
Knob for manual or automatic operation.
Easy access through sliding cover to float switch for cleaning.
Motor with thermal overload protection.
Excellent cooling of the motor that enables the pump to operate even when it is partially submersible.
Supplied with power cable with plug, non return valve and 4-step fitting.

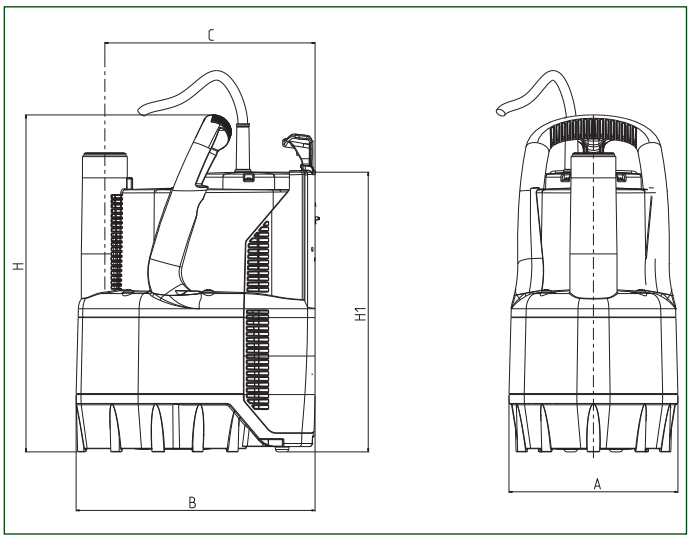
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA										
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	0	1	2	3	4,5	5	6	7	7,5	9	10
				kW	HP		Q=l/min	0	16,6	33,3	50	75	83,3	100	116,6	125	150	166,6
VERTY NOVA 200 M	**60122636**	1X230 V~	0,3	0,2	0,28	1,3	H (m)	6,9	6,5	6	5,8	4,5	4	3	1,8			
VERTY NOVA 400 M	**60122637**	1X230 V~	0,6	0,4	0,55	2,6		9	8,8	8,5	8,1	7,8	7	6,7	1,8	5,7	4,2	3,5

VERTY NOVA



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	ØD	H	H1	DNM GAS	CABLE	Q.TY X PALLETS	WEIGHT Kg
VERTY NOVA 200 M	158	225	200	33	318	265	1¹/4"	10 mt.	40	4,2
VERTY NOVA 400 M	158	225	200	33	354	301	1¹/4"	10 mt.	40	5,1

DAB PUMPS reserves the right to make modifications without notice

NOVA SALT W
SUBMERSIBLE PUMPS



CE

SALT WATER

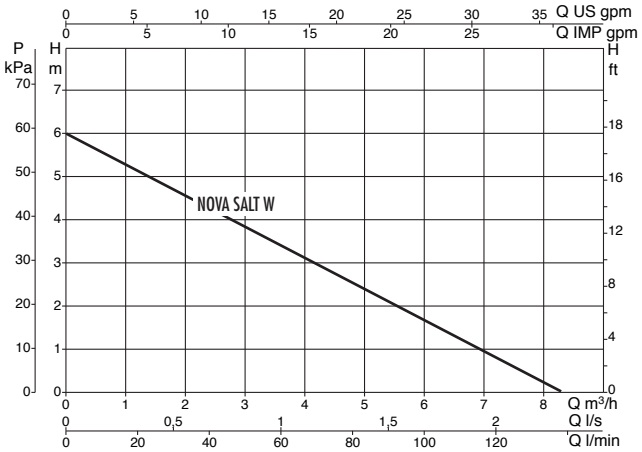
The Nova Salt W M-A is a multi- purpose submersible pump specifically constructed for use in **salt water.**
Anti-corrosive and rust-proof materials.
Motor casing, shaft, screws and nuts made of stainless steel AISI 316.
Cable with tin plated conductors.
Motor with thermic overload protection.
Wear resistant shaft and impeller.

Excellent cooling of the motor that enables the pump to operate even when it is partially submersible.
Manual and Automatic version with start/stop float switch.
Supplied with power cable with plug and self-sealing fitting.

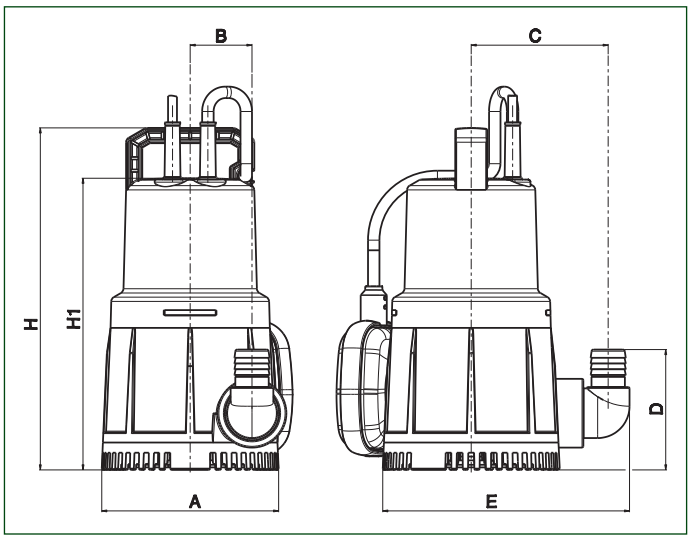
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA								
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	0	1	2	3	4,5	5	6	7	7,5
				kW	HP		Q=l/min	0	16,6	33,3	50	75	83,3	100	116,6	125
NOVA SALT W M-A	**60122652**	1X230 V~	0,28	0,2	0,28	1,3	H (m)	6	5,4	4,7	3,9	2,8	2,5	1,7	1	0,5

VERTY NOVA



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E	H	H1	DNM GAS	CABLE	Q.TY X PALLETS	WEIGHT Kg
NOVA SALT W M-A	140	48	107	95	195	270	230	1"1/4	10 mt.	48	3,9

DRENAG 500 - 700 - 900

DRAINAGE PUMPS



DOMESTIC CLEAN AND GREY WATER

Submersible centrifugal pump with ADJUSTMENT RING impeller impeller suitable for lifting water from drainage waste containing solids having maximum size of **5 mm.** Aluminium top cover with built-in handle. Impeller in reinforced nylon with corrosion-proof fiberglass. Pump and motor body in anodized die cast aluminium. **Carbon/alumina** mechanical seal. Dry type asynchronous sealed motor. Rotor mounted on ball bearings to ensure silent running and long life. Built-in capacitor in the single-phase version. Thermal and overcurrent protection is the responsibility of the user. Constructed in compliance with CEI 2-3CEI 61-69 (EN 60335-2-41) standards.

Motor protection level: IP 68
Insulation class: F
Continuous duty with completely immersed pump. The single-phase version can be equipped with float switch for automatic starting and stopping of the pump. Supplied as standard with 10 metre H07RN-F power cable.
Operating range: from 3 to 24 m³/h with head up to 14 mt.
Liquid quality requirements: Clear drain not aggressive water
Liquid temperature range: from 0° to 35° for domestic use
Maximum immersion depth: 10 mt
Installation: portable, in vertical position.
Free passage through the suction grid : 5 mm

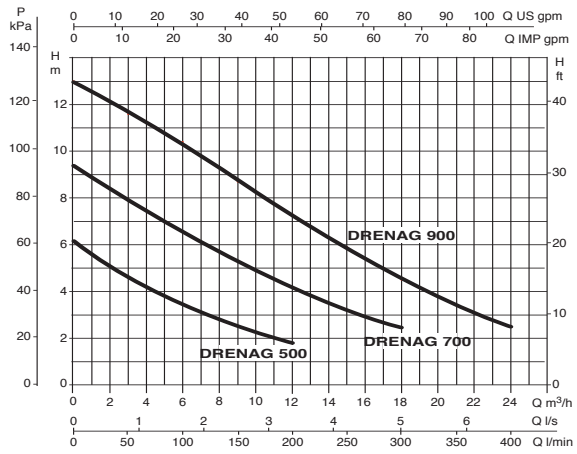
ACCESSORIES PAG 499
PANELS PAG 506

TECHNICAL DATA

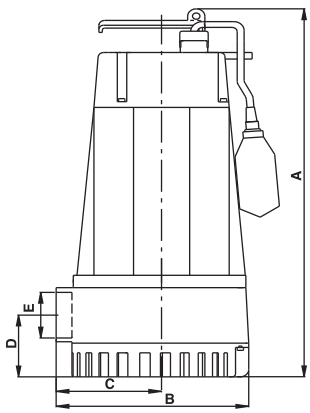
MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA								
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINALE		In A	CAPACITOR		Q=m³h	0	3	6	9	12	15	18	24
				kW	HP		µF	VC	Q=l/min	0	50	100	150	200	250	300	400
DRENAG 500 MA	60141702	1X230 V~	0,5	0,37	0,5	2,4	12,5	450	H (m)	6,2	4,6	3,5	2,5	1,8			
DRENAG 500 M-NA	60141703	1X230 V~	0,5	0,37	0,5	2,4	12,5	450		6,2	4,6	3,5	2,5	1,8			
DRENAG 700 MA	60141704	1X230 V~	0,9	0,55	0,7	4,3	16	450		9,4	8	6,5	5,2	4,2	3,2	2,5	
DRENAG 700 M-NA	60141705	1X230 V~	0,9	0,55	0,7	4,3	16	450		9,4	8	6,5	5,2	4,2	3,2	2,5	
DRENAG 700 T-NA	60141706	3X400 V~	0,9	0,55	0,7	1,5	-	-		9,4	8	6,5	5,2	4,2	3,2	2,5	
DRENAG 900 MA	60141707	1X230 V~	1,4	0,75	1,0	7,3	25	450		13	11,6	10,4	8,8	7,3	5,9	4,5	2,5
DRENAG 900 M-NA	60141708	1X230 V~	1,4	0,75	1,0	7,3	25	450		13	11,6	10,4	8,8	7,3	5,9	4,5	2,5
DRENAG 900 T-NA	60141709	3X400 V~	1,4	0,75	1,0	2,2	-	-		13	11,6	10,4	8,8	7,3	5,9	4,5	2,5

A: automatic with float
NA: non automatic without float
T: three-phase

DRENAG 500 - 700 - 900



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E - DNM GAS	FREE PASSAGE mm	Q.TY X PALLET	WEIGHT KG
DRENAG 500	416	169	92	62	1" 1/2	5	24	9
DRENAG 700	416	169	92	62	1" 1/2	5	24	10
DRENAG 900	416	169	92	62	1" 1/2	5	24	11

DAB PUMPS reserves the right to make modifications without notice

DRENAG 1000 - 1200

SUBMERSIBLE PUMPS



DOMESTIC CLEAN AND GREY WATER

Submersible electric pump in AISI 304 Stainless Steel: pump body, impeller, motor flange, filter and filter cover, motor casing, outer casing with handle, cable compartment cover.
Shaft **in AISI 316 stainless steel**.
Handle coated with insulating rubber. **Double mechanical seal** with oil chamber interposed, carbon/alumina on motor side and silicon/silicon carbide on pump side. **Dry motor**, asynchronous, watertight, cooled by the pumped liquid itself. Standard thermal protection in the winding. Capacitor permanently on in the single-phase version. 10 metres of H07RN-F power cables with schuko plug are supplied as a standard USA plug instead could be also available on request. All models can be supplied either with or without float.

Operating range: from 3 to 24 m³/h with head up to 14.2 mt.
Liquid temperature range:
from 0°C to +50°C.
from 0°C to +35°C for domestic use.
Pumped liquid characteristics: rain water, phreatic water, sandy water from building yards and clean waste waters, not aggressive.
Maximum working temperature: +40°C with the motor out of the water.
Free passage through the suction grid: 10 mm.
Maximum immersion depth: 10 mt.
Protection level: IP 68.
Insulation class: F.
Installation: fixed or portable, in a vertical position.

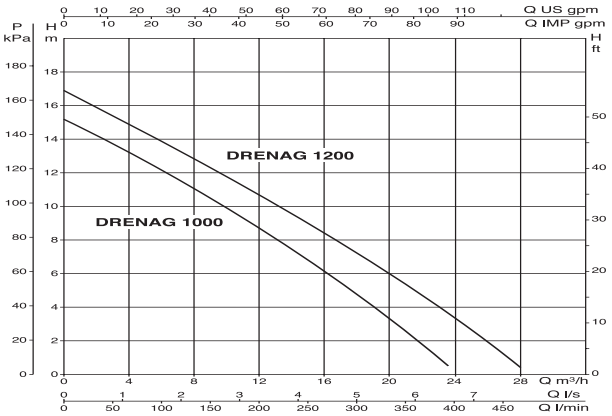
ACCESSORIES PAG 499
PANELS PAG 506

TECHNICAL DATA

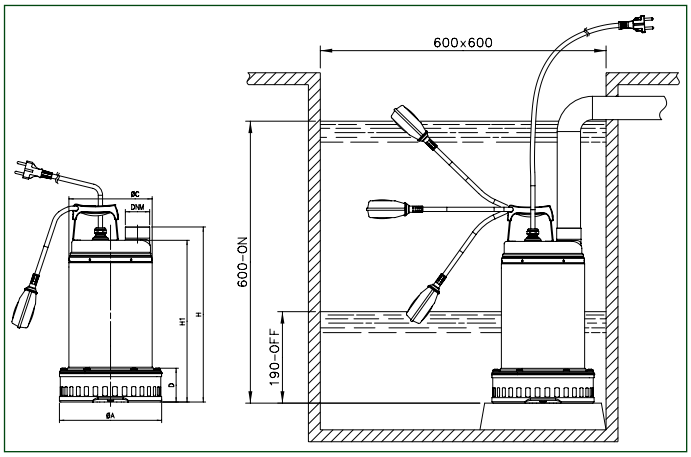
MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA								
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m³h	0	3	6	9	12	15	18	24
							Q=l/min	0	50	100	150	200	250	300	400
DRENAG 1000 M-A	103041000	1X230 V~	1,29	1	1,36	6		15,3	13,7	12,1	10,5	8,7	6,8	4,7	
DRENAG 1000 M-NA	103041010	1X230 V~	1,29	1	1,36	6		15,3	13,7	12,1	10,5	8,7	6,8	4,7	
DRENAG 1000 T-NA	103041020	3X400 V~	1,18	1	1,36	2,43		15,3	13,7	12,1	10,5	8,7	6,8	4,7	
DRENAG 1200 M-A	103041040	1X230 V~	1,85	1,2	1,6	7,5	H (m)	17	15,4	13,8	12,4	10,7	9	7,3	3,3
DRENAG 1200 M-NA	103041050	1X230 V~	1,85	1,2	1,6	7,5		17	15,4	13,8	12,4	10,7	9	7,3	3,3
DRENAG 1200 T-NA	103041060	3X400 V~	1,65	1,2	1,6	3,24		17	15,4	13,8	12,4	10,7	9	7,3	3,3

A: automatic with float
NA: non automatic without float
T: three-phase

DRENAG 1000 - 1200



DIMENSIONS AND WEIGHTS + INSTALLATION



MODEL	ØA	ØC	D	H	H1	Ø DNM	PACKAGING DIMENSIONS L/A	PACKAGING DIMENSIONS L/B	PACKAGING DIMENSIONS H	FREE PASSAGE mm	Q.TY X PALLET	WEIGHT KG
DRENAG 1000	215	175	71	413	385	1"1/2 F	240	600	250	10	24	17
DRENAG 1200	215	175	71	413	385	1"1/2 F	240	600	250	10	24	18,5

DRENAG 1400 - 1800

SUBMERSIBLE PUMPS





CONTROL MDN *



DOMESTIC CLEAN AND GREY WATER

Submersible pump with cast iron pump body, motor casing and adjustment ring impeller. Cast iron adjustment disk coated with abrasion-proof rubber. Stainless steel shaft, handle, filter, bolts and screws. Silicon/carbide mechanical seal, inspectionable oil chamber.
Continuous duty submersible induction motor, in a watertight casing. Rotor mounted on oversized greased sealed-for-life ball bearings. Thermal protection in the windings, to be connected to the control panel.
10 mt of neoprene rubber power cable.
In order to operate, the pumps must be equipped with a control and protection system, supplied separately and not connected to the electropumps.

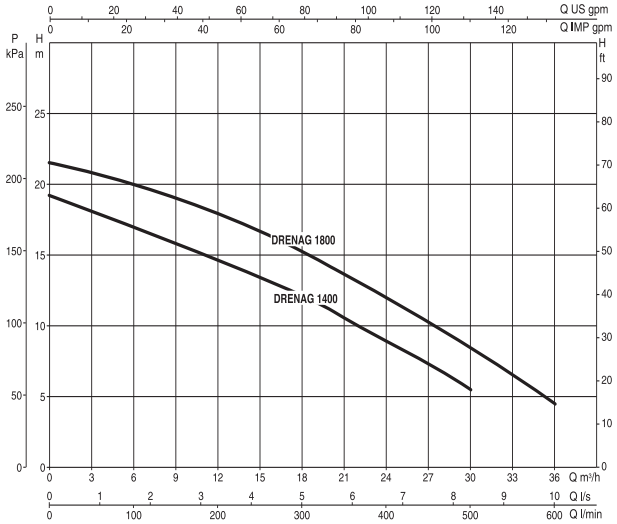
Operating range: from 6 to 33 m³/h with head up to 19,2 mt for the single-phase version and 21,5 mt for the three-phase version.
Liquid quality requirements: sandy, muddy or sludgy water from building sites, clean waste water, rain water, ground water, fountain, river or lake water, always non aggressive
Liquid temperature range: from 0°C to +55°C
Free passage through the suction grid: 12 mm
Maximum immersion depth: 10 mt
Installation: fixed or portable in a vertical position
Liquid temperature range: from 0°C to +55°

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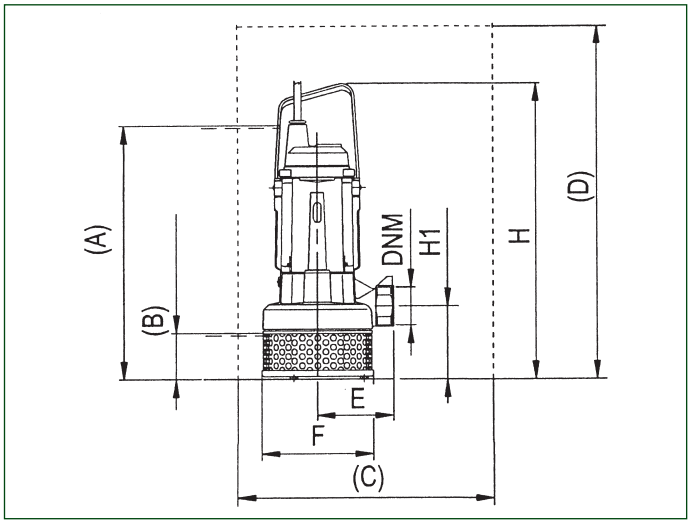
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA									
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	6	9	12	15	18	24	30	36
				kW	HP		µF	Vc	Q=l/min	0	100	150	200	250	300	400	500	600
DRENAG 1400 M	103010040	1X230 V~	2	1,1	1,5	9,2	40	450	H (m)	19,2	17	15,9	14,6	13,5	12,1	9	5,5	
DRENAG 1800 T	103010160	3X400 V~	2,3	1,5	2,0	4,4	-	-		21,5	20	19	18	16,5	15,2	12	8,5	4,5

DRENAG 1400 - 1800



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E	FØ	DNM GAS	H	H1	FREE PASSAGE mm	Q.TY X PALLET	WEIGHT KG
DRENAG 1400 M	500	90	500x500 min	600 min	150	219	2"	584	144	12	6	44,2
DRENAG 1800 T	500	90	500x500 min	600 min	150	219	2"	584	144	12	6	44

DAB PUMPS reserves the right to make modifications without notice

DRENAG 1600 - 2000 - 2500 - 3000

SUBMERSIBLE PUMPS



DOMESTIC CLEAN AND GREY WATER

Submersible centrifugal pump with **ADJUSTMENT RING IMPELLER** suitable for lifting water from drainage waste containing solids having maximum size of **5 mm**. Top cover and motor body in anodized die cast aluminium. Impeller in ENGJL 200 cast iron. Pump body in ENGJL 200 cast iron. Double mechanical seals in oil chamber: motor side carbon/alumina, pump side in silicon carbide/silicon carbide. Dry type asynchronous sealed motor. Rotor mounted on ball bearings to ensure silent running and long life. In the single phase version capaticor is supplied in external control box equipped with current protection

Protection level: IP 68
Insulation class: F
Continuous duty, with completely immersed pump. The single-phase version can be equipped with float switch for automatic starting and stopping of the pump. Supplied as standard with 10 metre H07RN-F power cable.
Operating range: from 3 to 66 m³/h with head up to 17 mt
Liquid quality requirements: Clear drain not aggressive water
Liquid temperature range: from 0° to + 40°
Maximum immersion depth: 10 mt
Installation: portable, in vertical position
Free passage through the suction grid : 5 mm

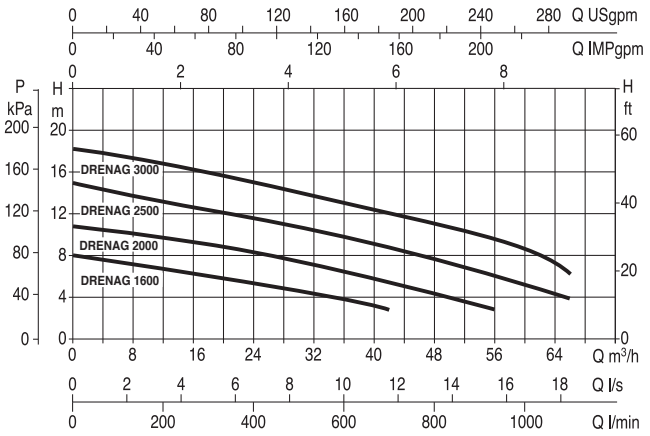
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TECHNICAL DATA

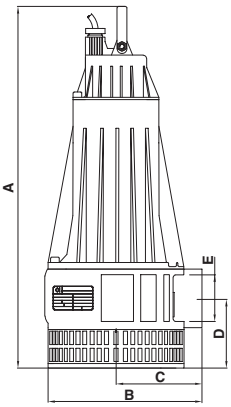
MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA																
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	3	6	9	12	15	18	24	30	36	42	48	54	60	66
				kW	HP		µF	Vc	Q=l/min	0	50	100	150	200	250	300	400	500	600	700	800	900	1000	1100
DRENAG 1600 M-A	60141710	1X230 V~	1,6	1,1	1,5	7,4	30	450	H (m)	8	7,6	7,2	7	6,7	6,4	6	5,3	4,7	3,9	2,8				
DRENAG 1600 T-NA	60141711	3X400 V~	1,6	1,1	1,5	3	-	-		8	7,6	7,2	7	6,7	6,4	6	5,3	4,7	3,9	2,8				
DRENAG 2000 T-NA	60141712	3X400 V~	2	1,4	1,9	4,1	-	-		10,8	10,5	10,3	10	9,7	9,4	9,1	8,4	7,4	6,4	5,3	4,2	2,9		
DRENAG 2500 T-NA	60141713	3X400 V~	3,1	1,8	2,4	5,3	-	-		15	14,4	13,9	13,5	13,1	12,8	12,4	11,7	10,9	9,9	8,9	7,9	6,7	5,3	3,9
DRENAG 3000 T-NA	60141714	3X400 V~	3,5	2,2	2,9	6,2	-	-		18,2	17,9	17,6	17,2	16,8	16,4	15,9	14,9	14	12,9	12	10,9	9,9	8,2	6,2

A: automatic with float
NA: non automatic without float
T: three-phase

DRENAG 1600 - 2000 - 2500 - 3000



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E - DNM GAS	FREE PASSAGE mm	Q.TY X PALLET	WEIGHT Kg
DRENAG 1600 M-A	550	215	112	110	2" 1/2	5	8	23,5
DRENAG 1600 T-NA	550	215	112	110	2" 1/2	5	8	23,5
DRENAG 2000 T-NA	550	215	112	110	2" 1/2	5	8	23,5
DRENAG 2500 T-NA	550	215	112	110	2" 1/2	5	8	24
DRENAG 3000 T-NA	550	215	112	110	2" 1/2	5	8	26

DAB PUMPS reserves the right to make modifications without notice

DIG 1100 - 1500 - 1800 - 2200

HEAVY DRAINAGE PUMPS



HEAVY DREDGING ABRASIVE CLEAN AND GREY WATER

Submersible electric pumps particularly suitable for the removal of drainage water in construction sites, open mines or quarries. Thanks to their rugged construction and reliability, these pumps can be used with harsh and abrasive liquids containing solids with maximum dimensions of up to 6 mm.

Open impeller in CRA2 650 HB high-chromium cast iron, outer sleeve in AISI 304 stainless steel, double mechanical seal in silicon carbide/silicon carbide on pump side and carbon/alumina on motor side. Suction screen in AISI 304 stainless steel. Dry-type asynchronous sealed motor, cooled by the pumped liquid. Rotor mounted on oversized greased sealed-for-life double ball bearings to ensure silent running and long life. Integral capacitor in single-phase versions. Thermal and overcurrent protection are the responsibility of the user.

Constructed in compliance with CEI 2-3CEI 61-69 (EN 60335-2-41)

Motor protection level: IP 68

Insulation class: F

Continuous duty, with completely immersed pump. Facility for operation also with partially immersed pump. The single-phase version can be equipped with float switch for automatic starting and stopping of the pump. Supplied as standard with 10 mt H07RN-F power cable. Can be supplied on request with special tear-proof cable featuring internal reinforcement with steel core.

Operating range: from 6 to 54 m³/h with head up to 20 mt.

Liquid quality requirements: Liquid temperature range: from 0° to 35°

Maximum immersion depth: 10 mt

Installation: fixed or portable in vertical position

Free passage through the suction grid: 6 mm

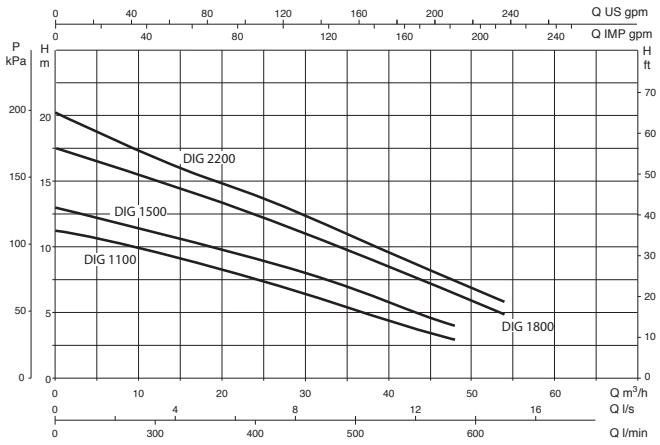
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TECHNICAL DATA

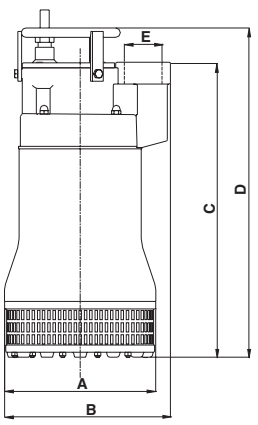
MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA										
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	6	12	18	24	30	36	42	48	54
				kW	HP		µF	Vc	Q=l/min	0	100	200	300	400	500	600	700	800	900
DIG 1100 MA	**60141687**	1X230 V~	1,7	1,1	1,5	7,8	25	450	H (m)	11,3	10,6	9,6	8,5	7,4	6,5	5,3	3,8	3,0	
DIG 1100 M-NA	**60141688**	1X230 V~	1,7	1,1	1,5	7,8	25	450		11,3	10,6	9,6	8,5	7,4	6,5	5,3	3,8	3,0	
DIG 1100 T-NA	**60141689**	3X400 V~	1,7	1,1	1,5	3	-	-		11,3	10,6	9,6	8,5	7,4	6,5	5,3	3,8	3,0	
DIG 1500 T-NA	**60141690**	3X400 V~	2,4	1,5	2	4,3	-	-		13		11,0	10,0	9,0	8,0	6,8	5,3	4,0	
DIG 1800 T-NA	**60141691**	3X400 V~	3,2	1,8	2,4	5,3	-	-		17,6		15,0	13,8	12,5	11,0	9,4	8,1	6,3	4,9
DIG 2200 T-NA	**60141692**	3X400 V~	3,7	2,2	3	6,4	-	-		20,1		16,8	15,2	14,1	12,4	10,6	9,1	7,4	5,9

A: automatic with float
NA: non automatic without float
T: three-phase

DIG 1100 - 1500 - 1800 - 2200



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E - DNM	FREE PASSAGE mm	Q.TY X PALLET	WEIGHT Kg
DIG 1100 MA	250	270	480	530	2 1/2" - F	6	8	34
DIG 1100 M-NA	250	270	480	530	2 1/2" - F	6	8	34
DIG 1100 T-NA	250	270	480	530	2 1/2" - F	6	8	34
DIG 1500 T-NA	250	270	480	530	2 1/2" - F	6	8	35
DIG 1800 T-NA	250	270	480	530	2 1/2" - F	6	8	36
DIG 2200 T-NA	250	270	480	530	2 1/2" - F	6	8	37

DAB PUMPS reserves the right to make modifications without notice

DIG 3700 - 5500 - 8500 - 11000

HEAVY DRAINAGE PUMPS





HEAVY DREDGING ABRASIVE CLEAN AND GREY WATER

Submersible electric pumps particularly suitable for the removal of drainage water in construction sites, open mines or quarries. Thanks to their rugged construction and reliability, these pumps can be used with harsh and abrasive liquids containing solids with maximum dimensions of up to 10 mm. Open impeller in **CRA2 650 HB high-chromium cast iron,** outer sleeve in AISI 304 stainless steel, **double mechanical seal in** silicon carbide/silicon carbide on pump side and carbon/alumina on motor side. Suction screen in AISI 304 stainless steel. Pump body in EN GJL 200 cast iron clad internally with abrasion and wear resistant Nitrile rubber (NR). Dry-type asynchronous sealed motor, cooled by the pumped liquid.
Rotor mounted on oversized greased sealed-for-life ball bearings to ensure silent running and long life.
Overcurrent protection is set in the motor windings as standard. Constructed in compliance with CEI 2-3CEI 61-69 (EN 60335-2-41) standards.

Motor protection level: IP 68
Insulation class: F
Continuous duty, with completely immersed pump
Facility for operation also with partially immersed pump.
Supplied as standard with 10 mt H07RN-F power cable.
Can be supplied on request with tear-proof cable featuring internal reinforcement with steel core.
Operating range: from 12 to 240 m³/h with head up to 57 mt
Liquid quality requirements: rain water, ground water, sandy work site water, and water in general also when contaminated with small abrasive particles.
Liquid temperature range: from 0° to 35°
Maximum immersion depth: 10 mt
Installation: fixed or portable in vertical position
Free passage through the suction grid: 10 mm

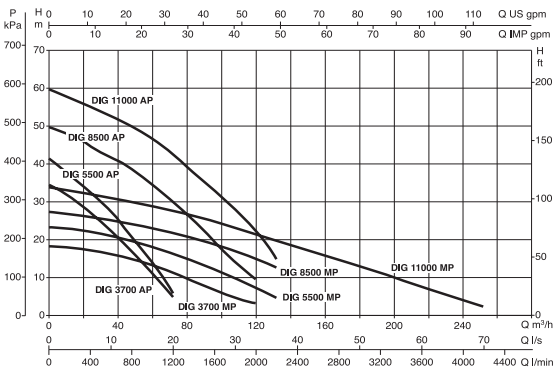
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TECHNICAL DATA

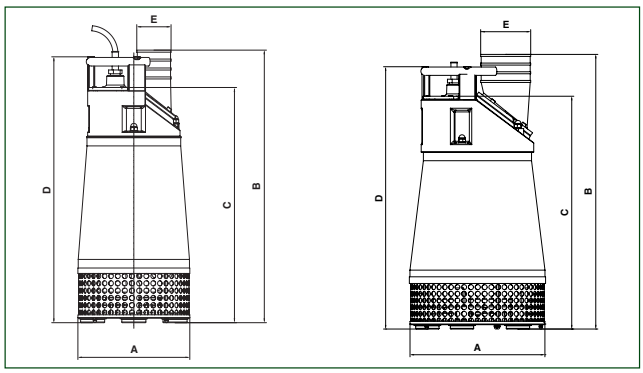
MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA														
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	0	12	18	24	30	36	42	48	54	60	72	84	96	108	120	132
				kW	HP		Q=l/min	0	200	300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2200
DIG 3700 AP T-NA	60141693	3X400 V~	4,4	3,7	5	7,7	H (m)	32,5	29,0	27,3	25,0	23,2	20,1	17,5	14,8	12,3							
DIG 3700 MP T-NA	60141695	3X400 V~	4,9	3,7	5	8,5		12,5	12,1	11,8	11,6	11,3	11,0	10,6	10,1	9,9	9,4	8,5	7,4	6,0	4,9	3,3	
DIG 5500 AP T-NA	60141696	3X400 V~	6,8	5,5	7,5	12		41,6	37,7	35,3	32,4	30,0	27,0	23,8	21,2	18,0	14,7	7,8	2,5				
DIG 5500 MP T-NA	60141697	3X400 V~	6,1	5,5	7,5	11		20,0	19,5	19,2	18,9	18,6	18,2	17,9	17,3	16,7	15,8	14,4	12,6	10,5	9,1	7,2	5,0
DIG 8500 AP T-NA	60141698	3X400 V~	11,5	8,5	11,4	18,5		45,0	42,8	40,3	38,1	35,8	34,3	32,2	30,1	28,3	26,2	22,4	18,3	14,6	11,6	8,6	5,4
DIG 8500 MP T-NA	60141699	3X400 V~	10,5	8,5	11,4	17		23,0	22,5	22,0	21,5	21,2	20,8	20,3	19,7	19,2	18,5	17,5	16,2	15,1	13,5	11,7	10,3
DIG 11000 AP T-NA	60141700	3X400 V~	16,1	11	15	26,5		58	54,0	52,0	50,5	49,0	47,5	46,0	44,0	42,0	40,0	36,0	31,0	26,0	21,0	16,0	11,0
DIG 11000 MP T-NA	60141701	3X400 V~	12,8	11	15	21,5		32	31,0	31,0	30,1	29,4	29,1	28,0	28,0	27,4	26,5	25,6	24,6	23,3	22,1	20,7	19,1

A: automatic with float **NA:** non automatic without float **T:** three-phase

DIG 3700 - 5500 - 8500 - 11000



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E DNM	FREE PASSAGE mm	WEIGHT KG
DIG 3700 AP T-NA	326	840	685	775	3"	10	90
DIG 3700 MP T-NA	326	794	685	775	4"	10	90
DIG 5500 AP T-NA	326	840	685	775	3"	10	96
DIG 5500 MP T-NA	326	794	685	775	4"	10	96
DIG 8500 AP T-NA	404	894	773	862	4"	10	150
DIG 8500 MP T-NA	404	894	773	862	6"	10	150
DIG 11000 AP T-NA	404	894	773	862	4"	10	165
DIG 11000 MP T-NA	404	894	773	862	6"	10	165

DAB PUMPS reserves the right to make modifications without notice

GRINDER 1000 - 1200 - 1600

SEWAGE PUMPS WITH CUTTING SYSTEM



SEWAGE AND WASTE WATER FOR SMALL DISCHARGE PIPES

Submersible centrifugal pumpfitted with cutting system suitable for pumping domestic wastewater with usual solid addictions.Solids which cannot be transportated are rejected outside of the pump by the cutting rotor as the cutting system is located upstream from the pump hydraulics.. Cover, motor body, hydraulic section and impeller in cast iron ENGJL 200, grinding device in AISI440C. **Carbon/alumina** double mechanical seal. Dry type asynchronous sealed motor. Rotor mounted on ball bearings to ensure silent running and long life. In the single-phase version capacitor current protection in external control box, supplied with the pump.

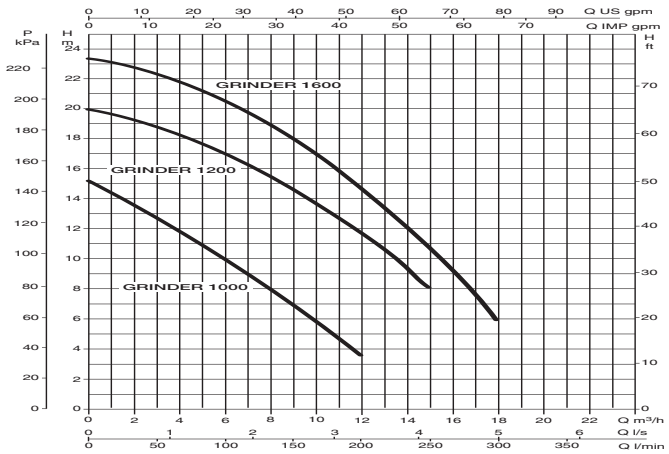
Motor protection level: IP 68
Insulation class: F
Continuous duty with pump completely immersed. The single-phase version can be equipped with float switch for automatic starting and stopping of the pump. Supplied as standard with 10 mt H07RN-F power cable.
Operating range: from 0 to 22 m³/h with head up to 25 mt.
Liquid quality requirements: Not aggressive sewage, drain water
Liquid temperature range: From 0° to + 40°
Maximum immersion depth: 10 mt
Installation: portable, in vertical position.
Free passage: 5mm

ACCESSORIES PAG 499
PANELS PAG 506

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA							
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	CAPACITOR µF	CAPACITOR Vc	Q=m³h	0	3	6	9	12	15	18
									Q=l/min	0	50	100	150	200	250	300
GRINDER 1000 M-A	60141604	1X220 - 240 V~	1,5	1	1,3	8	30+40	450		15,2	12,9	10	6,9	3,6		
GRINDER 1000 M-NA	60141603	1X220 - 240 V~	1,5	1	1,3	8	30+40	450		15,2	12,9	10	6,9	3,6		
GRINDER 1000 T	60141602	3X400 V~	1,6	1	1,3	2,8	-	-		15,2	12,9	10	6,9	3,6		
GRINDER 1200 M-A	60141601	1X220 - 240 V~	2,8	1,5	2,0	12,7	35+40	450		20	13,9	17	14,7	11,7	8,1	4,2
GRINDER 1200 M-NA	60141600	1X220 - 240 V~	2,8	1,5	2,0	12,7	35+40	450	H (m)	20	13,9	17	14,7	11,7	8,1	4,2
GRINDER 1200 T	60141599	3X400 V~	2,7	1,5	2,0	4,7	-	-		20	13,9	17	14,7	11,7	8,1	4,2
GRINDER 1600 M-A	60141587	1X220 - 240 V~	3,8	1,8	2,4	16,8	35+40	450		23,5	22,3	20,6	18	14,8	11	5,7
GRINDER 1600 M-NA	60141585	1X220 - 240 V~	3,8	1,8	2,4	16,8	35+40	450		23,5	22,3	20,6	18	14,8	11	5,7
GRINDER 1600 T	60141588	3X400 V~	3,3	1,8	2,4	5,8	-	-		23,5	22,3	20,6	18	14,8	11	5,7

GRINDER 1000 - 1200 - 1600



DIMENSIONS AND WEIGHTS

Fig. A

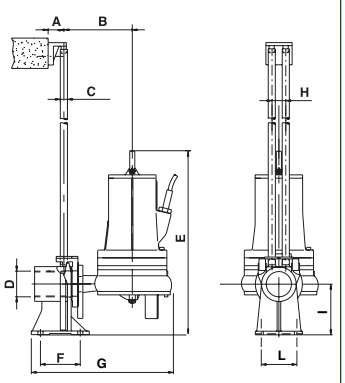
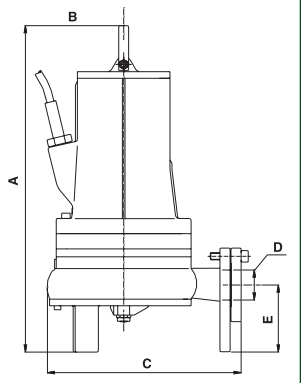


Fig. B



MODEL (Fig A)	A	B	C (DIAM)	D	E	F	G	H	I	L
GRINDER 1000	50	160	3/4"	2"G	540	85	410	38	130	94
GRINDER 1200	50	160	3/4"	2"G	540	85	410	38	130	94
GRINDER 1600	50	160	3/4"	2"G	540	85	410	38	130	94

MODEL (Fig B)	A	B	C	E	DNM GAS	Q.TY X PALLET	WEIGHT KG
GRINDER 1000	445	145	270	110	2"	6	38
GRINDER 1200	445	145	270	110	2"	6	39
GRINDER 1600	445	145	270	110	2"	6	40

DAB PUMPS reserves the right to make modifications without notice

GRINDER 1400 - 1800

SEWAGE PUMPS WITH CUTTING SYSTEM





SEWAGE AND WASTE WATER FOR SMALL DISCHARGE PIPES

Submersible pump with cast iron pump body, motor casing and adjustment ring impeller. Grinder device in micro casting steel. Stainless steel shaft, handle, filter, bolts and screws. Silicon/carbide mechanical seal, inspectionable oil chamber.
Continuous duty submersible induction motor, in a watertight casing. Rotor mounted on oversized greased sealed-for-life ball bearings. Thermal protection in the windings, to be connected to the control panel. with 10 metres of neoprene rubber power cable.
In order to operate, the pumps must be equipped with a control and protection system, supplied separately and not connected to the electropumps (see accessories).

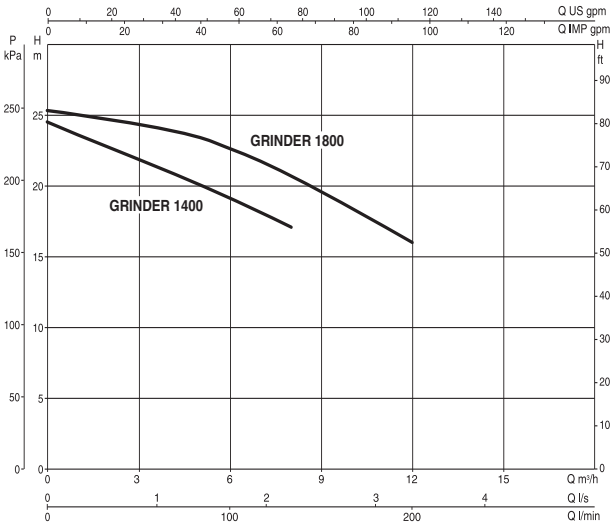
Liquid temperature range: from 0°C to +55°C
Operating range: from 2 to 9 m^3/h with head up to 24,5 mt for thesingle-phase version and 26,5 mt for the three-phase version.
Liquid quality requirements: dirty waste water, untreated sewage containing solids and/or long fibres, always non aggressive.
Liquid temperature range: from 0°C to +55°C
Maximum ambient temperature for pump operation with the motor emerging: +40°C
Maximum immersion depth: 10 mt.
Installation: fixed or portable in a vertical position

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PANELS PAG 506

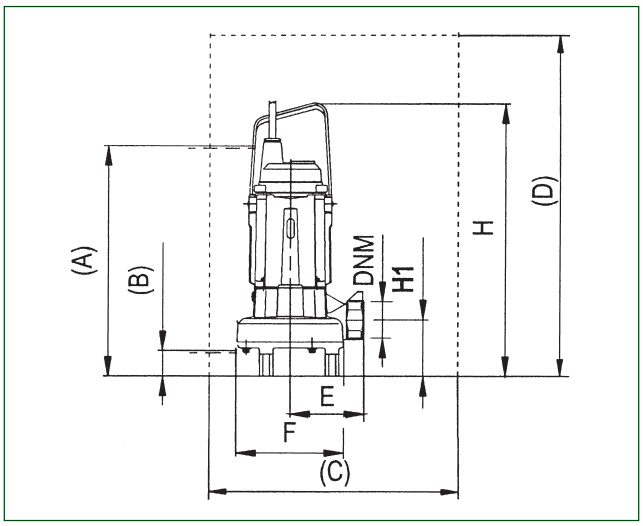
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA					
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR		Q=m^3h	0	3	6	9	12
				kW	HP		µF	Vc	Q=l/min	0	50	100	150	200
GRINDER 1400 M	103010440	1X220 - 240 V~	1,95	1,1	1,5	8,7	40	450	H (m)	24,5	22,3	19	14,1	
GRINDER 1800 T	103010560	3X400 V	2	1,5	2,0	3,8	-	-		25,3	25	22,3	19,9	16

GRINDER 1400 - 1800



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E	FØ	DNM GAS	H	H1	Q.TY X PALLET	WEIGHT KG
GRINDER 1400 M	500	50	500x500 min	600 min	150	219	2"	549	109	6	43,2
GRINDER 1800 T	500	50	500x500 min	600 min	150	219	2"	549	109	6	43,2

DAB PUMPS reserves the right to make modifications without notice



SUBMERSIBLE PUMPS FOR DRAINAGE WATER

Pump body, impeller, cap and suction grid in technopolymer. Motor, rotor shaft and screws in stainless steel.
Triple O-ring seal interposed with an oil precombustion chamber. Continuous duty submersible asynchronous motor. Stator fitted in an airtight stainless steel casing. Rotor mounted on overdimensioned, greased-for-life ball bearings. Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. For the protection of the three-phase motor it is advisable to use a suitable overload protection complying with the regulations in force. Supplied with standard power cables for the single-phase version:
5 metres HO5RN-F cable for: FEKA 600 M-A
10 metres HO7RN-F cable for: FEKA 600 M-NA
Standard cables supplied for the three-phase version: 5 metres of HO7RN-F cable. For the single phase the standard is a SCHUKO plug EEC VII.

For special version available with special stainless steel motor shaft.
Operating range: from 1 to 16 m³/h with head up to 10.2 metres
Liquid temperature range: from 0°C to +35° C for domestic use
Pumped liquid characteristics:
FEKA sewage water from septic tanks
Granulometersc passage through the suction grid:
FEKA 600 25 mm
Min. suction depth:
FEKA 600 A 175 mm
FEKA 600 NA 38 mm
Maximum immersion depth: 7 metres
Maximum dry running time: 1 minute
Protection level: IP 68
Insulation class: F

ACCESSORIES PAG 499
PANELS PAG 506

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA													
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL kW	HP	In A	CAPACITOR µF	Vc	Q=m³h	0	1	2	3	4,5	5	6	7	7,5	9	10	12	15
									Q=l/min	0	16,6	33,3	50	75	83,3	100	116,6	125	150	166,6	200	250
FEKA 600 M-A	103022214	1X220-240 V~	0,94	0,55	0,75	4,3	14	450	H (m)	7,45	7,1	6,75	6,45	6,1	5,95	5,7	5,45	5,35	4,95	4,7	4,1	2,8
FEKA 600 T-NA	103000054	3X400 V~	1	0,55	0,75	1,7	-	-		7,45	7,1	6,75	6,45	6,1	5,95	5,7	5,45	5,35	4,95	4,7	4,1	2,8

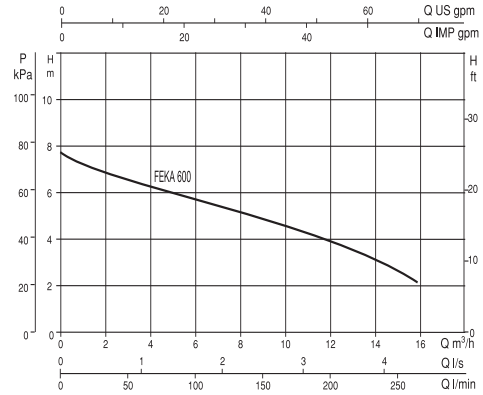
A= automatic with float NA= non automatic without float

SPECIAL VERSION with a special stainless steel motor shaft

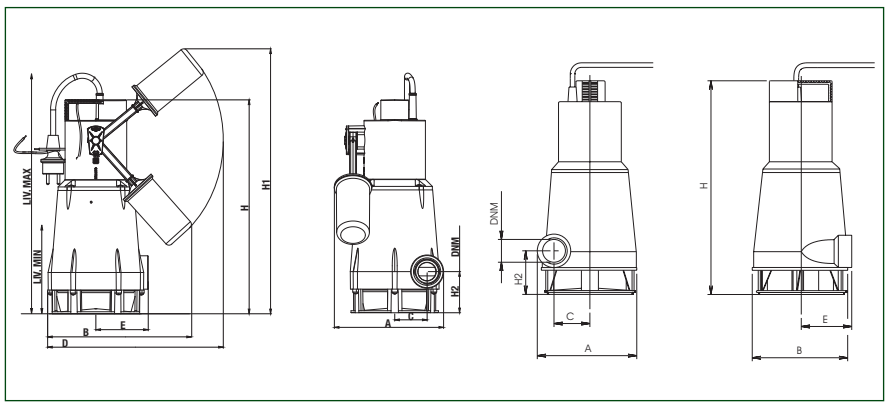
MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA													
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL kW	HP	In A	CAPACITOR µF	Vc	Q=m³h	0	1	2	3	4,5	5	6	7	7,5	9	10	12	15
									Q=l/min	0	16,6	33,3	50	75	83,3	100	116,6	125	150	166,6	200	250
FEKA 600 M-A - SV	103002774	1X220-240 V~	0,94	0,55	0,75	4,3	14	450	H (m)	7,45	7,1	6,75	6,45	6,1	5,95	5,7	5,45	5,35	4,95	4,7	4,1	2,8
FEKA 600 M-NA - SV	103002784	1X220-240 V~	1	0,55	0,75	4,3	-	-		7,45	7,1	6,75	6,45	6,1	5,95	5,7	5,45	5,35	4,95	4,7	4,1	2,8
FEKA 600 T-NA - SV	103005824	3X400 V~	1	0,55	0,75	1,7	-	-		7,45	7,1	6,75	6,45	6,1	5,95	5,7	5,45	5,35	4,95	4,7	4,1	2,8

A= automatic with float NA= non automatic without float

FEKA 600



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E	H	H1	H2	LIV. MIN.	LIV. MAX	DNM GAS	PACKAGING DIMENSIONS L/A	PACKAGING DIMENSIONS L/B	PACKAGING DIMENSIONS H	CABLE	Q.TY X PALLET	WEIGHT KG
FEKA 600 M-A	193	235	56	296	90	368	443	73	190	390	1¹/4"	287	202	431	5 mt. H05	32	7
FEKA 600 T-NA	162	160	56	–	90	368	–	73	–	–	1¹/4"	287	202	431	10 mt. H05	32	6,7
FEKA 600 M-A SV *	193	235	56	296	90	368	443	73	190	390	1¹/4"	287	202	431	5 mt. H05	32	7
FEKA 600 (M-T)-NA SV *	162	160	56	–	90	368	–	73	–	–	1¹/4"	287	202	431	10 mt. H05	32	6,7

DAB PUMPS reserves the right to make modifications without notice

FEKA BVP
SEWAGE PUMPS



SUBMERSIBLE PUMPS FOR DRAINAGE WATER

Powerful submersible pumps **for drainage and emptying duty.** Designed for pumping foul water containing solid particles of no more than 38 mm in diameter.
Anti-corrosion and anti-oxidation materials.
Motor with thermal protection against overheating.
Wear-resistant motor shaft and impeller.

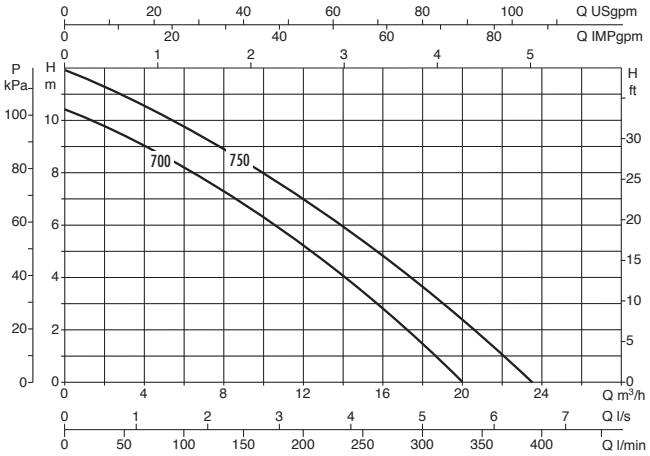
Excellent motor cooling to allow pump to run even when only partially submerged.
Automatic version equipped with float switch for automatic starting and stopping of the pump, and Manual version.
Equipped with power cable with plug, and 3-level union, without check valve.

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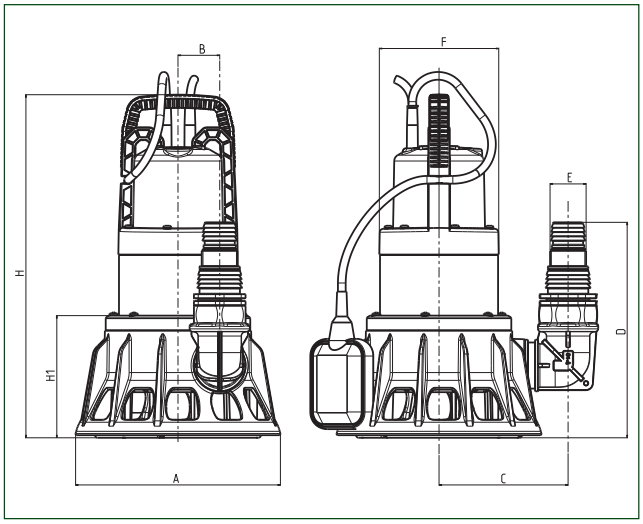
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA												
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m³h	0	1	2	3	4,5	5	6	7	7,5	9	10	12	15	18
							Q=l/min	0	16,6	33,3	50	75	83,3	100	116,6	125	150	166,6	200	250	300
FEKA BVP 700 M-A	60122690	1X230 V~	1,0	0,70	0,95	4,6	H (m)	10,5	10	9,9	9,5	8,9	8,8	8,1	7,8	7,5	7	6,1	5,1	4	1,5
FEKA BVP 750 M-A	60122691	1X230 V~	1,1	0,75	1	5,6		12	11,7	11,1	11	10,4	10,1	9,8	9,1	9	8,8	8	7	6	3,6

FEKA BVP



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E	F	H	H1	DNM GAS	CABLE	WEIGHT KG	Q.TY X PALLETS
FEKA BVP 700 M-A	240	49	150	250	M40	140	400	142	1"1/2	10 mt.	8	27
FEKA BVP 750 M-A	240	49	150	250	M40	140	400	142	1"1/2	10 mt.	8	27

FEKA GL 500 - 650
SEWAGE PUMPS

LIFTING DOMESTIC SEWAGE AND WASTE WATER



Cast iron submersible pumps with the vortex impeller for sewage, suitable for foul waste water with solid contents with the **30 mm** as maximum diameter. Technopolymer upper cover with the handle. Nylon vortex impeller with the fiber glass abrasionproof resistance. Motor body, hydraulic section in cast iron EN GJL 200. Mechanical seal in **carbon allumina.** Dry type asynchronous sealed motor. Rotor mounted on ball bearings to ensure silent running and long life. In the single-phase version capacitor under the cover. Thermal and overcurrent protection responsability of the user.

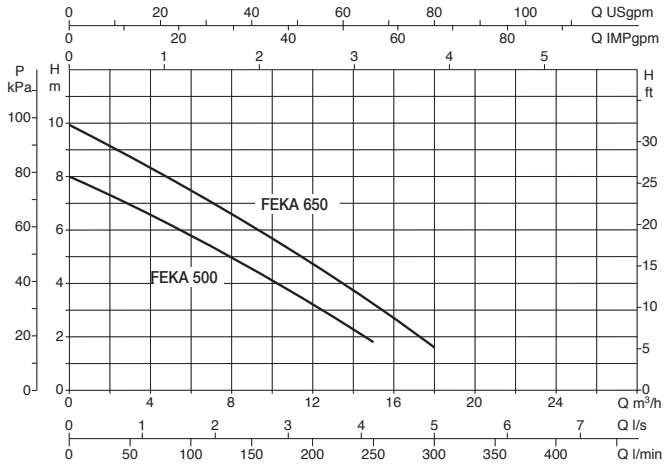
Motor protection rating: IP 68
Insulation class: F
Continuous duty with completely immersed pump.
The single-phase version can be equipped with float switch for automatic starting and stopping of the pump.Supplied as standard with **10 mt H07RN-F** power cable.
Operating range: from 0 to 65 m³/h with head up to 40 mt.
Liquid quality requirements: Non-aggressive sewage, drain water
Liquid temperature range: From 0° to + 40°.
Maximum immersion depth: 20 mt
Installation: portable, in vertical position.
Free passage: 30 mm.

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PANELS PAG 506

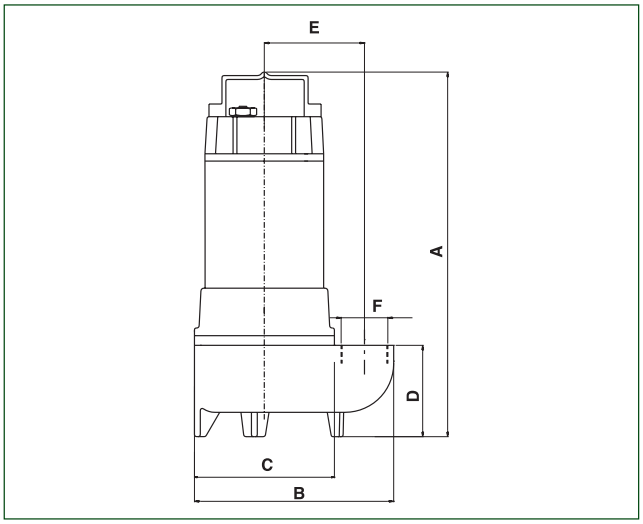
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA							
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	0	3	6	9	12	15	18
				kW	HP		Q=l/min	0	50	100	150	200	250	300
FEKA GL 500 M-A	60145469	1x 230 V	0,6	0,4	0,6	2,9	H (m)	8	6,9	5,8	4,6	3,2	1,8	
FEKA GL 650 M-A	60145472	1x 230 V	0,6	0,4	0,6	2,9		10	8,7	7,4	6	4,75	3,3	1,6

FEKA GL 500 - 650



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E	F DNM	FREE PASSAGE mm	WEIGHT KG	Q.TY X PALLETS
FEKA GL 500	390	205	144	94	103	1" 1/2	30	14	24
FEKA GL 650	390	205	144	94	103	1" 1/2	30	14	24

DAB PUMPS reserves the right to make modifications without notice

FEKA GL 750 - 1000
SEWAGE PUMPS



LIFTING DOMESTIC SEWAGE AND WASTE WATER

Cast iron submersible pumps with the vortex impeller for sewage, suitable for foul waste water with solid contents with the 46 mm as maximum diameter.
Technopolymer upper cover with the handle. Nylon vortex impeller with the fiber glass abrasionproof resistance. Motor body, hydraulic section in cast iron EN GJL 200. Mechanical seal in **silicon carbide**.
Dry type asynchronous sealed motor. Rotor mounted on ball bearings to ensure silent running and long life. In the single-phase version capacitor under the cover. Thermal and overcurrent protection responsability of the user.

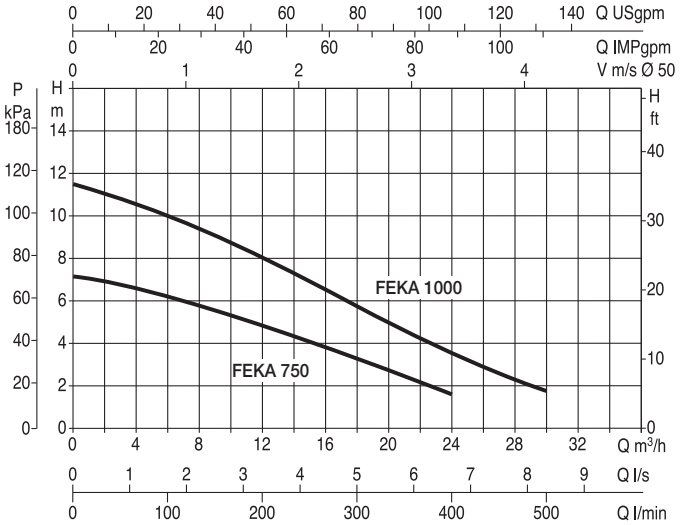
Motor protection rating: IP 68
Insulation class: F
Continuous duty with completely immersed pump.
The single-phase version can be equipped with float switch for automatic starting and stopping of the pump.Supplied as standard with 10 metre H07RN-F power cable.
Operating range: from 3 to 28,5 m³/h with head up to 14 metres.
Liquid quality requirements: Non-aggressive sewage, drain water
Liquid temperature range: From 0° to + 35°.
Maximum immersion depth: 10 metres
Installation: portable, in vertical position.
Free passage: 46 mm.

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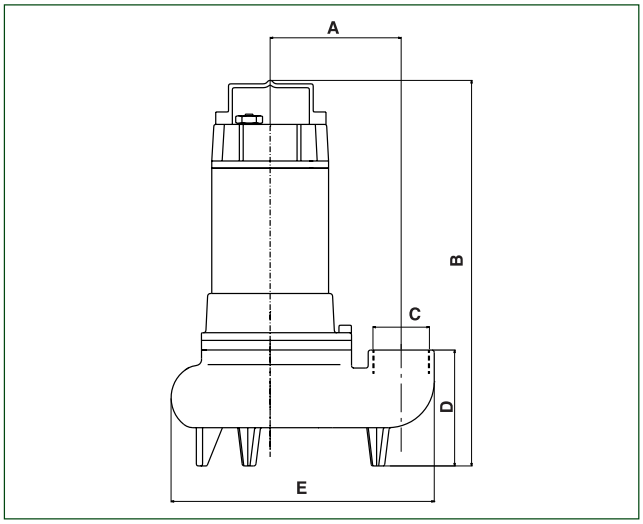
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA									
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	3	6	9	12	15	18	24	30
				kW	HP		µF	Vc	Q=l/min	0	50	100	150	200	250	300	400	500
FEKA GL 750 M-A	**60141715**	1x 230 V	0,9	0,6	0,8	4,1	16	450	H (m)	7,2	6,8	6,2	5,5	4,8	4,1	3,3	1,6	
FEKA GL 750 M-NA	**60141716**	1x 230 V	0,9	0,6	0,8	4,1	16	450		7,2	6,8	6,2	5,5	4,8	4,1	3,3	1,6	
FEKA GL 1000 M-A	**60141718**	1x 230 V	1,6	1,1	1,5	7	25	450		11,5	10,8	10	9,1	8	7	5,8	3,5	1,8
FEKA GL 1000 M-NA	**60141719**	1x 230 V	1,6	1,1	1,5	7	25	450		11,5	10,8	10	9,1	8	7	5,8	3,5	1,8

FEKA GL 750 - 1000



DIMENSIONS AND WEIGHTS



MODEL	A	B	C DNM	D	E	DNM GAS	FREE PASSAGE mm	WEIGHT KG	Q.TY X PALLET
FEKA 750 M-A	137	412	2" F	120	275	2"	46	18	24
FEKA 750 M-NA	137	412	2" F	120	275	2"	46	18	24
FEKA 1000 M-A	137	412	2" F	120	275	2"	46	19	24
FEKA 1000 M-NA	137	412	2" F	120	275	2"	46	19	24

FEKA VS



FEKA VX



DOMESTIC SEWAGE AND WASTE WATER

Submersible centrifugal pump with liquid vortex cast steel impeller (technopolymer impeller for Feka VX), suitable for pumping sewer water and waste water in general containing solids up to a maximum size of 50 mm.
Handle with insulating rubber cover. AISI 316 stainless steel drive shaft. Double mechanical seal with intermediate oil chamber (atoxic oil), in carbon/alumina on the motor side and silicon carbide/silicon carbide on the pump side.
VS version: Stainless steel pump casing, seal cover, motor casing
VX version: Technopolymer pump casing with threaded metal insert inserted into the delivery port, stainless steel seal cover, motor casing
Dry, asynchronous, sealed and cooled by the pumped liquid. Rotor mounted on greased for-life ball bearings, oversized and selected to guarantee greater noise reduction and duration. Thermo-amperometersc protection as standard for single-phase version, and the user's responsibility for the three-phase version. Constantly active capacitor on the single-phase version. Construction in accordance with the IEC 2-3 IEC 61-69 (EN 60335-2-41) standards.

Motor protection class: IP 68
Insulation class: F
Standard voltage:
220-240V 50Hz Single-phase
400V 50Hz Three-phase
Continual running with liquid at 35 °C and pump completely submersible. The single-phase version can be supplied with float for automatic function.
Power supply cable: 10 mt of H07RN-F cable with Shuko plug for the single-phase version and 10 meters of H07RN-F cable for the three-phase version.
Operating range: from 0 to 32 m^3/h with head up to 14 mt
Pumped liquid: sewer water and waste water in general and non aggressive.
Liquid temperature range: from 0°C to +35°C for household use (EN 60335-2-41), from 0°C to +50°C for other uses.
Maximum ambient temperature for pump running
with submersible motor: +40°C
Maximum immersion depth: 10 mt
Installation: fixed or portable, vertical.
Free Passage : 50 mm

ACCESSORIES PAG 499
PANELS PAG 506

TECHNICAL DATA - VS

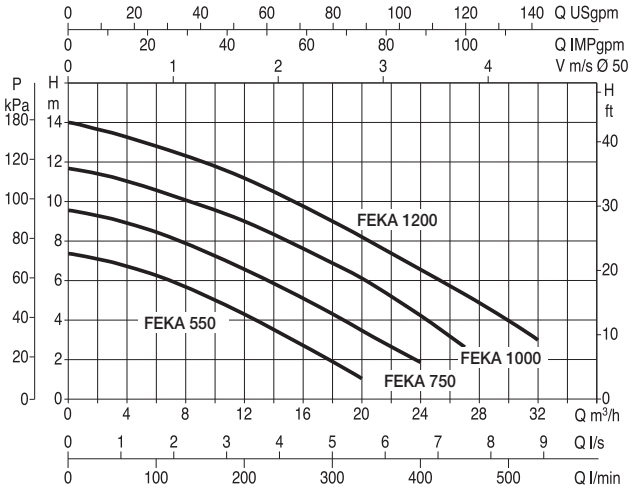
MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA								
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	CAPACITOR µF	CAPACITOR Vc	Q=m^3h	0	3	6	9	12	15	18	24
									Q=l/min	0	50	100	150	200	250	300	400
FEKA VS 550 M-A	103040000	1X220 - 240 V~	927	0,55	0,75	4,2	20	450		7,4	6,9	6,2	5,6	4,1	3,2	1,8	
FEKA VS 550 M-NA	103040010	1X220 - 240 V~	927	0,55	0,75	4,2	20	450		7,4	6,9	6,2	5,6	4,1	3,2	1,8	
FEKA VS 550 T-NA	103040020	3X400 V~	900	0,55	0,75	1,64	-	-		7,4	6,9	6,2	5,6	4,1	3,2	1,8	
FEKA VS 750 M-A	103040040	1X220 - 240 V~	1111	0,75	1	5,13	20	450		9,6	9,2	8,5	7,6	6,7	5,6	4,3	1,9
FEKA VS 750 M-NA	103040050	1X220 - 240 V~	1111	0,75	1	5,13	20	450		9,6	9,2	8,5	7,6	6,7	5,6	4,3	1,9
FEKA VS 750 T-NA	103040060	3X400 V~	1038	0,75	1	1,94	-	-		9,6	9,2	8,5	7,6	6,7	5,6	4,3	1,9
FEKA VS 1000 M-A	103040080	1X220 - 240 V~	1469	1	1,36	6,63	25	450	H (m)	11,8	11,3	10,5	9,8	9,0	8,0	6,8	4,1
FEKA VS 1000 M-NA	103040090	1X220 - 240 V~	1469	1	1,36	6,63	25	450		11,8	11,3	10,5	9,8	9,0	8,0	6,8	4,1
FEKA VS 1000 T-NA	103040100	3X400 V~	1374	1	1,36	2,51	-	-		11,8	11,3	10,5	9,8	9,0	8,0	6,8	4,1
FEKA VS 1200 M-A	103040120	1X220 - 240 V~	1936	1,2	1,6	8,63	30	450		14	13,4	12,8	12,0	11,2	10,1	9,0	6,7
FEKA VS 1200 M-NA	103040130	1X220 - 240 V~	1936	1,2	1,6	8,63	30	450		14	13,4	12,8	12,0	11,2	10,1	9,0	6,7
FEKA VS 1200 T-NA	103040140	3X400 V~	1865	1,2	1,6	3,44	-	-		14	13,4	12,8	12,0	11,2	10,1	9,0	6,7

DAB PUMPS reserves the right to make modifications without notice

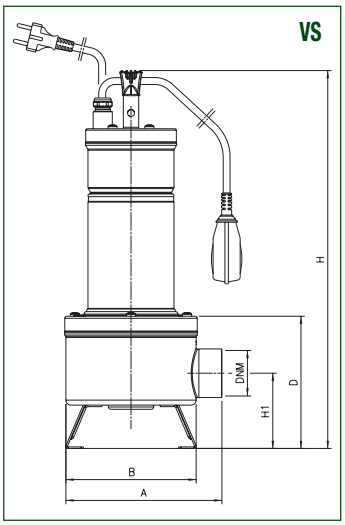
TECHNICAL DATA - VX

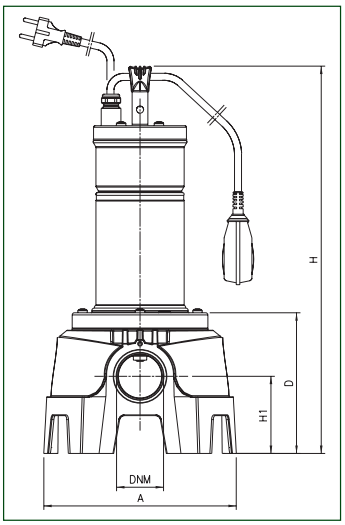
MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA								
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	CAPACITOR µF	CAPACITOR Vc	Q=m³h	0	3	6	9	12	15	18	24
									Q=l/min	0	50	100	150	200	250	300	400
FEKA VX 550 M-A	**103045000**	1X220 - 240 V~	927	0,55	0,75	4,2	20	450		7,4	6,9	6,2	5,6	4,1	3,2	1,8	
FEKA VX 550 M-NA	**103045010**	1X220 - 240 V~	927	0,55	0,75	4,2	20	450		7,4	6,9	6,2	5,6	4,1	3,2	1,8	
FEKA VX 550 T-NA	**103045020**	3X400 V~	900	0,55	0,75	1,64	-	-		7,4	6,9	6,2	5,6	4,1	3,2	1,8	
FEKA VX 750 M-A	**103045040**	1X220 - 240 V~	1111	0,75	1	5,13	20	450		9,6	9,2	8,5	7,6	6,7	5,6	4,3	1,9
FEKA VX 750 M-NA	**103045050**	1X220 - 240 V~	1111	0,75	1	5,13	20	450		9,6	9,2	8,5	7,6	6,7	5,6	4,3	1,9
FEKA VX 750 T-NA	**103045060**	3X400 V~	1038	0,75	1	1,94	-	-		9,6	9,2	8,5	7,6	6,7	5,6	4,3	1,9
FEKA VX 1000 M-A	**103045080**	1X220 - 240 V~	1469	1	1,36	6,63	25	450	H (m)	11,8	11,3	10,5	9,8	9,0	8,0	6,8	4,1
FEKA VX 1000 M-NA	**103045090**	1X220 - 240 V~	1469	1	1,36	6,63	25	450		11,8	11,3	10,5	9,8	9,0	8,0	6,8	4,1
FEKA VX 1000 T-NA	**103045100**	3X400 V~	1374	1	1,36	2,51	-	-		11,8	11,3	10,5	9,8	9,0	8,0	6,8	4,1
FEKA VX 1200 M-A	**103045120**	1X220 - 240 V~	1936	1,2	1,6	8,63	30	450		14	13,4	12,8	12,0	11,2	10,1	9,0	6,7
FEKA VX 1200 M-NA	**103045130**	1X220 - 240 V~	1936	1,2	1,6	8,63	30	450		14	13,4	12,8	12,0	11,2	10,1	9,0	6,7
FEKA VX 1200 T-NA	**103045140**	3X400 V~	1865	1,2	1,6	3,44	-	-		14	13,4	12,8	12,0	11,2	10,1	9,0	6,7

FEKA VS - VX



DIMENSIONS AND WEIGHTS





MODEL	A	B	D	H	H1	Ø DNM	PACKAGING DIMENSIONS L/A	PACKAGING DIMENSIONS L/B	PACKAGING DIMENSIONS H	FREE PASSAGE mm	WEIGHT KG	Q.TY X PALLET
FEKA VS 550	203	170	172	492	98	2"F	240	600	240	50	16,3	24
FEKA VS 750	203	170	172	492	98	2"F	240	600	240	50	17,5	24
FEKA VS 1000	203	170	172	537	98	2"F	240	600	240	50	19,3	24
FEKA VS 1200	203	170	172	537	98	2"F	240	600	240	50	20,8	24
FEKA VX 550	245	-	179	498	98	2"F	360	600	320	50	16,7	12
FEKA VX 750	245	-	179	498	98	2"F	360	600	320	50	17,9	12
FEKA VX 1000	245	-	179	543	98	2"F	360	600	320	50	19,6	12
FEKA VX 1200	245	-	179	543	98	2"F	360	600	320	50	21,1	12

FEKA 1400 - 1800
SEWAGE PUMPS





CONTROL MDN *



VORTEX IMPELLER

CE

SEWAGE AND WASTE WATER

Submersible pump with cast iron pump body, motor casing and vortex impeller. Stainless steel shaft, handle, filter, bolts and screws. Silicon/carbide mechanical seal, inspectionable oil chamber.
Continuous duty submersible induction motor, in a watertight casing. Rotor mounted on oversized greased sealed-for-life ball bearings. Thermal protection in the windings, to be connected to the control panel. with 10 metres of neoprene rubber power cable.
In order to operate, the pumps must be equipped with a control box and protection system, supplied separately and not connected to the electropumps (see accessories).

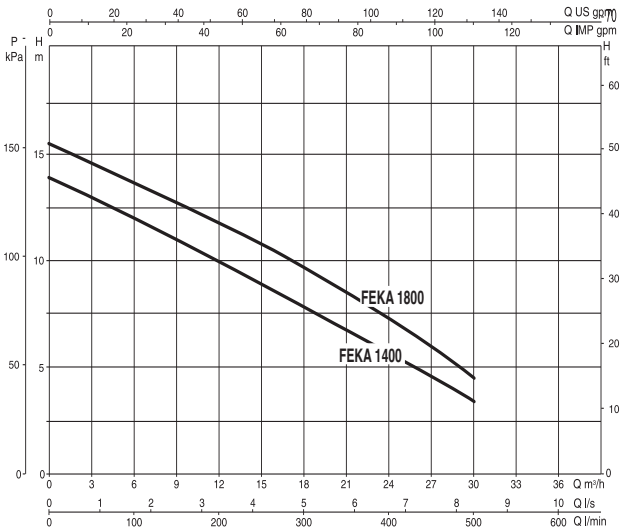
Liquid temperature range: from 0°C to +55°C
Operating range: from 3 to 30 m³/h with head up to 14 mt for the single-phase version and 15,5 mt for the three-phase version.
Liquid quality requirements: dirty waste water, untreated sewage containing solids and/or long fibres, always non aggressive
Liquid temperature range: from 0°C to +55°C
Maximum ambient temperature for pump operation with the motor emerging: +40°C
Maximum immersion depth: 10 mt
Installation: fixed or portable in a vertical position
Free passage: 38 mm

ACCESSORIES PAG 499
PANELS PAG 506

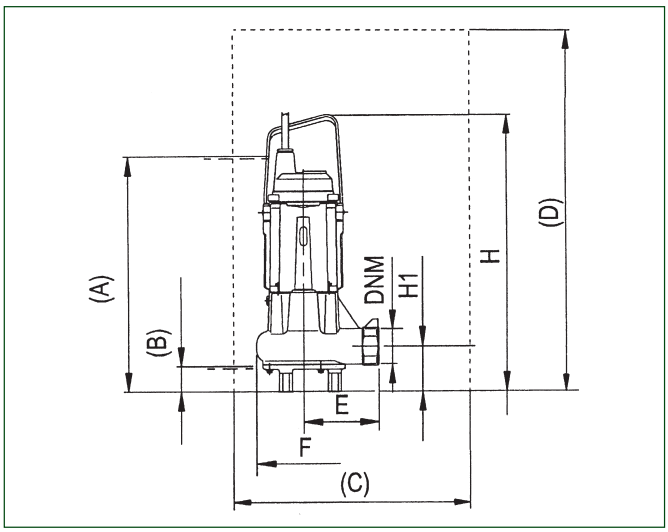
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA								
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR		Q=m³h	0	6	9	12	15	18	24	30
				kW	HP		µF	Vc	Q=l/min	0	100	150	200	250	300	400	500
FEKA 1400 M	103010240	1X220 - 240 V~	1,8	1,1	1,5	8,5	40	450	H (m)	13,9	12	11	9,9	8,9	7,8	5,7	3,4
FEKA 1800 T	103010360	3X400 V	1,9	1,5	2,0	3,7	-	-		15,5	13,7	12,8	11,8	10,7	9,7	7,3	4,5

FEKA 1400 - 1800



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E	FØ	DNM GAS	H	H1	FREE PASSAGE mm	Q.TY X PALLET	WEIGHT KG
FEKA 1400 M	500	50	500x500 min	600 min	160	200	2"	583	94	38	6	41,2
FEKA 1800 T	500	50	500x500 min	600 min	160	200	2"	583	94	38	6	41,8

DAB PUMPS reserves the right to make modifications without notice

FEKA 2000
SEWAGE PUMPS



VORTEX IMPELLER

CE

SEWAGE AND WASTE WATER

Cast iron submersible pumps vortex impeller for sewage, suitable for foul waste water with solid contents with **42 mm** as maximum diameter. Technopolymer upper cover with handle. Motor body, hydraulic section and any impeller in cast iron EN GJL 200. Double mechanical seals in oil chamber: motor side carbon/alumina, pump side in silicon carbide/silicon carbide**.** Dry type asynchronous sealed motor. Rotor mounted on ball bearings to ensure silent running and long life. For single phase version, capacitor and overcurrent protection are set in external control box supplyed with Schuko plug.
For three phase versions, thermal and overcurrent protection are responsability of the user.

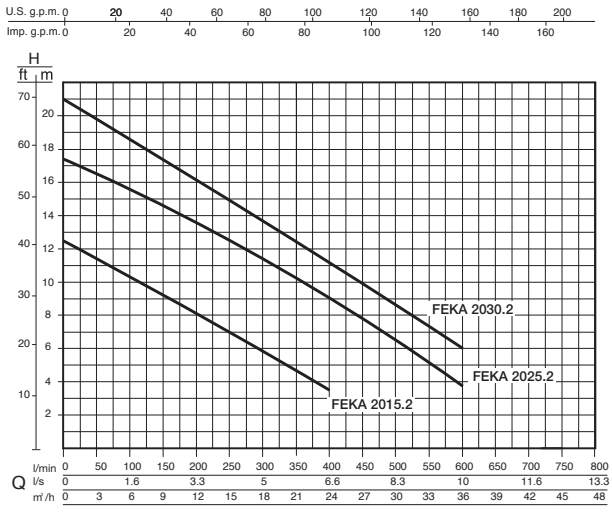
Motor protection rating: IP 68
Insulation class: F
Continuous duty with completely immersed pump.
Supplied as standard with **10 metre H07RN-F** power cable.
Operating range: from 3 to 39 m³/h with head up to 17 metres.
Liquid quality requirements: Non-aggressive sewage, drain water
Liquid temperature range: From 0° to + 40°.
Maximum immersion depth: 20 metres
Installation: portable, in vertical position.
Free passage: 42 mm.
Comes with: UNI 1092 PN 6 compliant flange.
Lifting device available: see accessories.

ACCESSORIES PAG 499
PANELS PAG 506

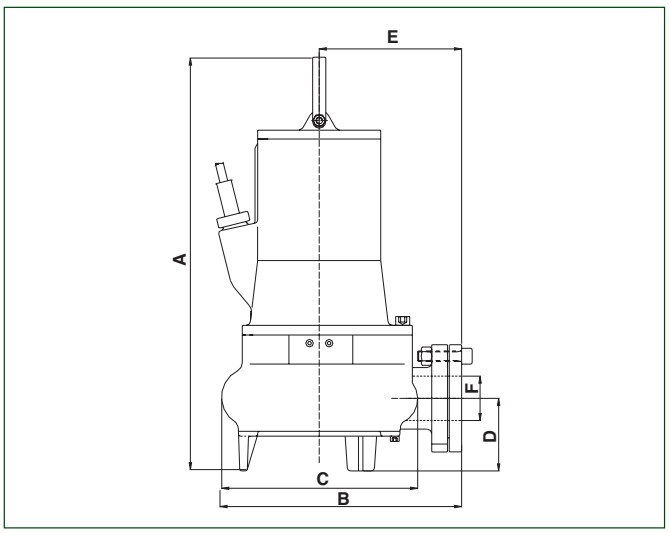
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA							
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	0	3	6	12	18	24	36
				kW	HP		Q=l/min	0	50	100	200	300	400	600
FEKA 2015.2 MA	**60145478**	1X230 V~	1,6	1,1	1,5	8	H (m)	12,5	11,5	10,5	8	5,8	3,6	
FEKA 2015.2 MNA	**60145479**	1X230 V~	1,6	1,1	1,5	8		12,5	11,5	10,5	8	5,8	3,6	
FEKA 2015.2 TNA	**60145480**	3X400 V~	1,5	1,1	1,5	2,8		12,5	11,5	10,5	8	5,8	3,6	
FEKA 2025.2 TNA	**60145481**	3X400 V~	2,2	1,8	2,4	4,1		17,5	16,5	15,6	13,6	11,6	9	3,8
FEKA 2030.2 TNA	**60145482**	3X400 V~	3,3	2,2	3	5,6		21	19,8	18,5	16	13,8	11,00	6

FEKA 2000



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E	F Ø	DNM GAS	FREE PASSAGE mm	Q.TY X PALLET	WEIGHT KG
FEKA 2015.2	457	300	220	88	178	2" GAS	2"	42	8	32
FEKA 2025.2	457	300	220	88	178	2" GAS	2"	42	8	33
FEKA 2030.2	457	300	220	88	178	2" GAS	2"	42	8	34

SPECIAL VERSIONS

MODEL	CODE
VERSION WITH THERMAL PROTECTION	on request

FEKA 2500 /2700
SEWAGE PUMPS



VORTEX IMPELLER

SEWAGE AND WASTE WATER

Cast iron submersible pumps with vortex impeller for sewage, suitable for foul and waste water with solid contents with **62 mm** as maximum diameter.
Motor body, hydraulic section and any impeller in cast iron EN GJL 200. Single mechanical seals pump side in silicon carbide/silicon carbide in oil chamber. Dry type asynchronous sealed motor. Rotor mounted on ball bearings to ensure silent running and long life.
On request: oil chamber with water level detector kit.
The single-phase version can be equipped with float switch for automatic starting and stopping of the pump. For single phase version, capacitor and overcurrent protection are set in external control box supplyed with Schuko plug.
For three phase versions, thermal and overcurrent protection are responsability of the user

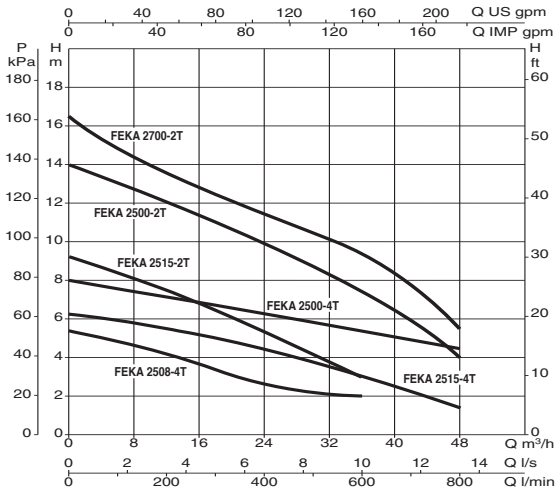
Motor protection rating: IP 68
Insulation class: F
Continuous duty with completely immersed pump.
Supplied as standard with **10 mt H07RN-F** power cable.
Operating range: from 6 to 48 m³/h with head up to 17 mt.
Liquid quality requirements: Non-aggressive sewage, drain water
Liquid temperature range: From 0° to + 40°.
Maximum immersion depth: 20 mt
Installation: portable, in vertical position.
Free passage: 62 mm.
Comes with: UNI 1092 PN 6 compliant flange.
Lifting device available: see accessories.

ACCESSORIES PAG 499
PANELS PAG 506

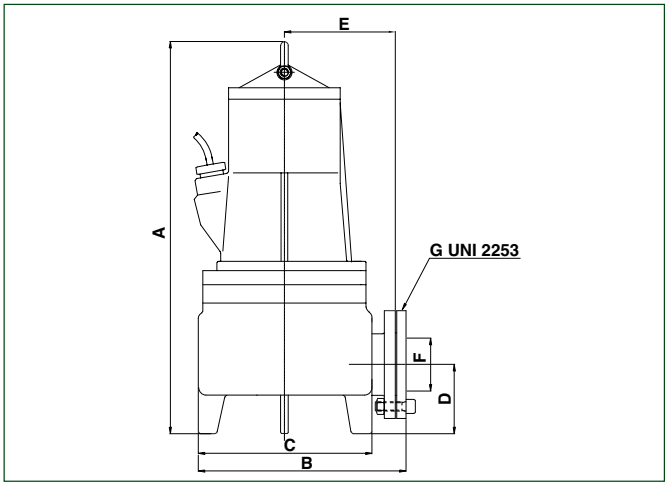
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA							
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m³h	0	3	6	12	18	24	36	48
							Q=l/min	0	50	100	200	300	400	600	800
FEKA 2508.4M-NA	60141722	1X230 V~	0,9	0,6	0,8	4,6		5,4	5,1	4,8	4,1	3,4	2,6	1	
FEKA 2508.4T	60141723	3X400 V~	0,8	0,6	0,8	1,5		5,4	5,1	4,8	4,1	3,4	2,6	1	
FEKA 2515.4T	60141724	3X400 V~	1,2	1,1	1,5	3,3		6,2	6,1	5,9	5,5	5,0	4,5	3,1	1,4
FEKA 2500.4T	103018080	3X400 V~	2,8	1,4	1,9	4,9	H (m)	8	7,8	7,6	7,2	6,7	6,3	5,4	4,4
FEKA 2515.2T	60141726	3X400 V~	1,9	1,1	1,5	3,3		9,3	8,8	8,4	7,6	6,5	5,3	3	
FEKA 2500.2T	103018000	3X400 V~	2,8	1,8	2,4	4,7		14	13,5	13	12	11	10	7,5	4
FEKA 2700.2T	103018040	3X400 V~	3	2,18	2,9	5,7		16,5	15,5	14,8	13,6	12,5	11,4	9	5,5

FEKA 2500 - 2700



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E	F	G Ø	FREE PASSAGE mm	Q.TY X PALLET	WEIGHT KG
FEKA 2508.4M-NA	515	260	217	90	145	62	2" ½	62	8	40
FEKA 2508.4T	515	260	217	90	145	62	2" ½	62	8	40
FEKA 2515.4T	515	260	217	90	145	62	2" ½	62	8	41
FEKA 2500.4T	515	260	217	90	145	62	2" ½	62	8	45
FEKA 2515.2T	515	260	217	90	145	62	2" ½	62	8	41
FEKA 2500.2T	515	260	217	90	145	62	2" ½	62	8	40
FEKA 2700.2T	515	260	217	90	145	62	2" ½	62	8	47

SPECIAL VERSIONS

MODEL	CODE
VERSION WITH THERMAL PROTECTION	on request
VERSION WITH WATER LEVEL DETECTOR	on request

DAB PUMPS reserves the right to make modifications without notice

FEKA 3000 /3500/ 3700

SEWAGE PUMPS





VORTEX IMPELLER

CE

SEWAGE AND WASTE WATER

Cast iron submersible pumps with vortex impeller for sewage, suitable for foul waste water with solid contents with **80 mm** as maximum diameter. Motor body, hydraulic section and any impeller in cast iron EN GJL 200.
Double mechanical seals in oil chamber: motor side carbon/alumina, pump side in silicon carbide/silicon carbide. On request : oil chamber with water level detector kit.
Dry type asynchronous sealed motor. Rotor mounted on ball bearings to ensure silent running and long life. Thermal and overcurrent protection are responsability of the user; on request available already installed in the motor windings.

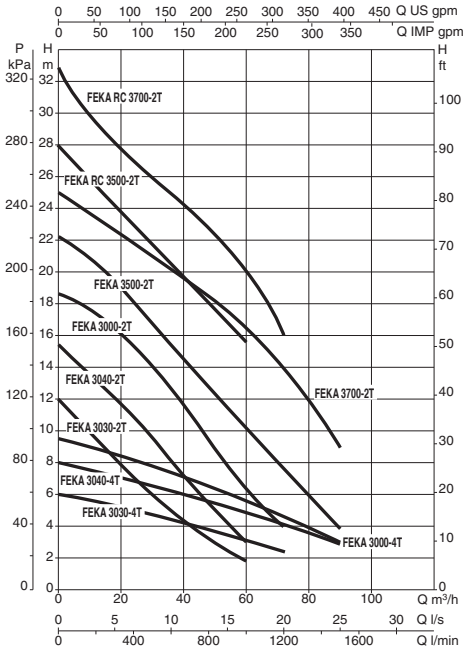
Motor protection rating: IP 68
Insulation class: F
Continuous duty with completely immersed pump.
Supplied as standard with **10 mt H07RN-F** power cable.
Operating range: from 12 to 90 m³/h with head up to 29 mt.
Liquid quality requirements: Non-aggressive sewage, drain water
Liquid temperature range: From 0° to + 40°.
Maximum immersion depth: 20 mt
Installation: portable, in vertical position.
Free passage: 80 mm.
Comes with: UNI 1092 PN 6 compliant flange.
Lifting device available: see accessories.

ACCESSORIES PAG 499
PANELS PAG 506

TECHNICAL DATA

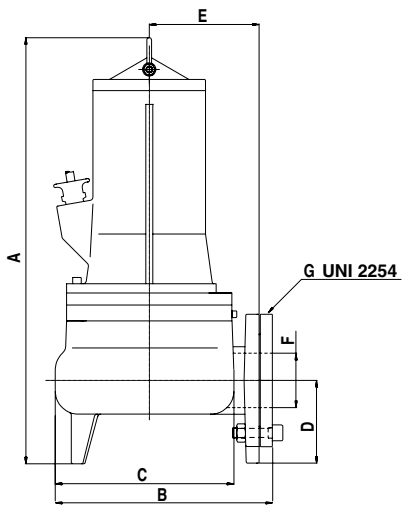
MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA									
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	0	12	18	24	36	48	60	72	90
				kW	HP		Q=l/min	0	200	300	400	600	800	1000	1200	1500
FEKA 3030.4T	60141727	3X400 V~	2,5	1,8	2,4	5,6	H (m)	6	5,6	5,3	5,1	4,4	3,8	3,1	2,4	
FEKA 3040.4T	60141728	3X400 V~	2,8	2,8	3,7	6,3		8	7,4	7,1	6,8	6,2	5,6	4,9	4,1	2,8
FEKA 3000.4T	103018090	3X400 V~	4,6	3,1	4,1	9,5		9,5	8,9	8,5	8,1	7,4	6,5	5,6	4,6	3
FEKA 3030.2T	60141729	3X400 V~	3	2,3	3,1	5,3		12	9,5	8,3	7	5	3,2	1,8		
FEKA 3040.2T	60141730	3X400 V~	3,5	2,9	3,9	6,1		15,4	13,2	12,0	10,8	8	5,4	3		
FEKA 3000.2T	103018010	3X400 V~	5	3,6	4,8	8,8		18,7	17,5	16,4	15,3	12,6	9,4	6,2	4	
FEKA 3500.2T	103018050	3X400 V~	5	4,2	5,6	9,82		22,3	20,4	19,2	17,9	15,2	12,8	10	7,5	3,8
FEKA 3700.2T	103018060	3X400 V~	6	5,5	7,3	11		25	23,4	22,7	21,9	20,2	18,5	16,5	14	9
FEKA RC 3500.2T	60141731	3X400 V~	8	4,5	6	13,5		28	25,5	24,3	23	20,6	18	15,6		
FEKA RC 3700.2T	60141732	3X400 V~	10	5,4	7,2	16,2		32,9	29,4	28,1	26,8	24,8	22,8	20,1	16	

FEKA 3000 - 3500 - 3700

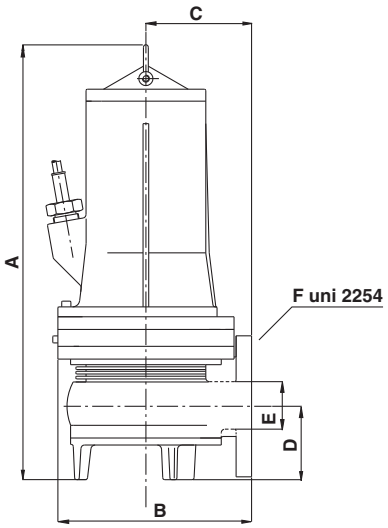


DIMENSIONS AND WEIGHTS

FEKA



FEKA RC



MODELLO	A	B	C	D	E	F	G	FREE PASSAGE mm	Q.TY X PALLET	WEIGHT KG
FEKA 3030.4T	620	295	270	125	160	67	Ø 3"	80	8	70
FEKA 3040.4T	620	295	270	125	160	67	Ø 3"	80	8	73
FEKA 3000.4T	620	295	270	125	160	67	Ø 3"	80	8	76
FEKA 3030.2T	620	295	270	125	160	67	Ø 3"	67	8	68
FEKA 3040.2T	620	295	270	125	160	67	Ø 3"	67	8	70
FEKA 3000.2T	620	295	270	125	160	67	Ø 3"	67	8	72
FEKA 3500.2T	620	295	270	125	160	67	Ø 3"	67	8	74
FEKA 3700.2T	620	295	270	125	160	67	Ø 3"	67	8	76
FEKA RC 3500.2T	610	295	145	105	65	DN 80	-	50	8	67
FEKA RC 3700.2T	610	295	145	105	65	DN 80	-	50	8	70

SPECIAL VERSIONS

MODEL	CODE
VERSION WITH THERMAL PROTECTION	on request
VERSION WITH WATER LEVEL DETECTOR	on request

FEKA 4000 /4100/ 4200

SEWAGE PUMPS





VORTEX IMPELLER

SEWAGE AND WASTE WATER

Cast iron submersible pumps with vortex impeller for sewage, suitable for foul waste water with solid contents with **83-98 mm** as maximum diameter. Motor body, hydraulic section and any impeller in cast iron EN GJL 200.
Double mechanical seals in oil chamber: motor side carbon/steel, pump side in silicon carbide/silicon carbide. On request : oil chamber with water level detector kit**..**
Dry type asynchronous sealed motor. Rotor mounted on ball bearings to ensure silent running and long life. Thermal and overcurrent protection are responsability of the user; on request available already installed in the motor windings.

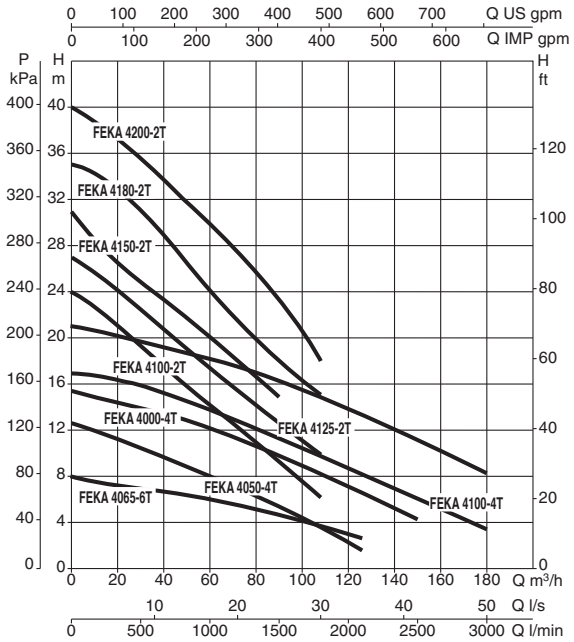
Motor protection rating: IP 68
Insulation class: F
Continuous duty with completely immersed pump.
Supplied as standard with **10 mt H07RN-F** power cable.
Operating range: from 12 to 180 m³/h with head up to 29 mt.
Liquid quality requirements: Non-aggressive sewage, drain water
Liquid temperature range: From 0° to + 40°.
Maximum immersion depth: 20 mt
Installation: portable, in vertical position.
Free passage: 83-98 mm.
Comes with: UNI 1092 PN 6 compliant flange.
Lifting device available: see accessories.

ACCESSORIES PAG 499
PANELS PAG 506

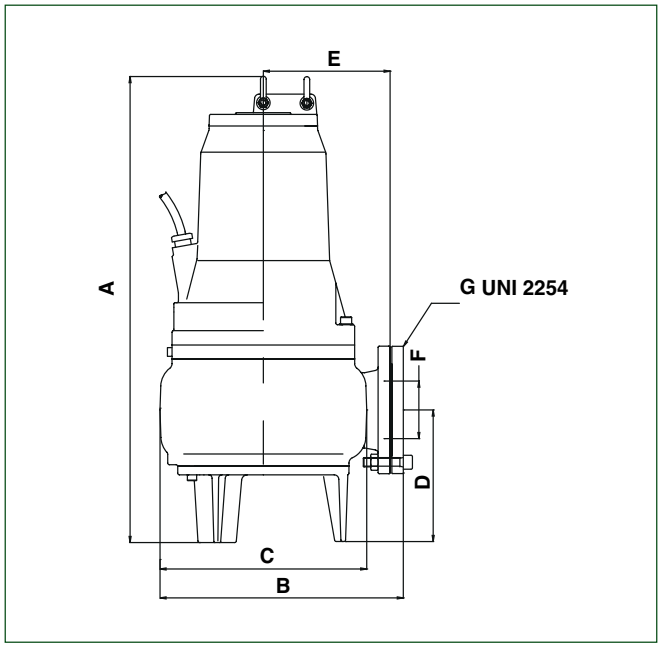
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA													
		VOLTAGE 50 HZ	AVV.	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m³h	0	12	18	24	36	48	60	72	90	108	126	150	180
								Q=l/min	0	200	300	400	600	800	1000	1200	1500	1800	2100	2500	3000
FEKA 4065.6T D	60141733	3X400 V~	DIRECT	11	4,8	6,4	22,4	H (m)	8	7,6	7,2	7,1	6,8	6,4	6	5,6	4,7	3,6	2,4		
FEKA 4050. 4T D	60141734	3X400 V~	DIRECT	5	3,8	5,1	9,1		12,7	11,8	11,4	11	9,9	9	8	7	5,4	3,5	1,6		
FEKA 4000.4T D	103018100	3X400 V~	DIRECT	8	6	8	15		15,4	14,9	14,6	14,2	13,7	12,9	12	11,2	9,8	8,2	6,6	4,2	
FEKA 4100.4T S/D	103018510	3X400 V~	Y/Δ	9	7,5	10	16,6		17	16,7	16,4	16	15,3	14,8	13,8	12,9	11,4	9,9	8,2	6,1	3,5
FEKA 4120. 4T S/D	60141735	3X400 V~	Y/Δ	14	8,75	11,7	25,8		21	20,6	20,3	20	19,5	18,9	18,2	17,6	16,4	14,8	13,1	11	8,2
FEKA 4100.2T S/D	103018430	3X400 V~	Y/Δ	14	7	9,3	27,4		24	22,4	21,5	20,5	18,3	16,2	14,2	12,3	9,5	6,2			
FEKA 4125.2T S/D	103018470	3X400 V~	Y/Δ	20	8	10,7	33		27	25,3	24,4	23,5	21,3	19,5	17,3	15,3	12,4	9,8			
FEKA 4150.2T S/D	103018560	3X400 V~	Y/Δ	22,8	10,8	14,4	37,8		31	28	26,9	25,8	23,8	22	20	18,2	14,8				
FEKA 4180. 2T S/D	60141736	3X400 V~	Y/Δ	25,3	13,1	17,5	40,8		35	34,2	33,3	32,3	29,8	27	24,4	22	18	14			
FEKA 4200.2T S/D	103018570	3X400 V~	Y/Δ	29,6	15	20	47,6		40	38,5	37,6	36,6	34,3	32	29,8	27,6	23,5	18			

FEKA 4000 - 4100 - 4200



DIMENSIONS AND WEIGHTS



MODELLO	A	B	C	D	E	F	G	FREE PASSAGE mm	WEIGHT KG
FEKA 4065.6T D	774	410	366	227	225	100	Ø 4"	98	143
FEKA 4050. 4T D	774	410	366	227	225	100	Ø 4"	98	138
FEKA 4000.4T D	774	410	366	227	225	100	Ø 4"	98	149
FEKA 4100.4T S/D	774	410	366	227	225	100	Ø 4"	98	158
FEKA 4120. 4T S/D	774	410	366	227	225	100	Ø 4"	98	160
FEKA 4100.2T S/D	774	410	366	227	225	100	Ø 4"	98	142
FEKA 4125.2T S/D	774	410	366	227	225	100	Ø 4"	98	148
FEKA 4150.2T S/D	874	410	366	227	225	100	Ø 4"	98	160
FEKA 4180. 2T S/D	874	410	366	227	225	100	Ø 4"	98	196
FEKA 4200.2T S/D	874	410	366	227	225	100	Ø 4"	98	200

SPECIAL VERSIONS

MODEL	CODE
VERSION WITH THERMAL PROTECTION	on request
VERSION WITH WATER LEVEL DETECTOR	on request

DAB PUMPS reserves the right to make modifications without notice

FEKA 6000 /6100/ 6200/ 6300/ 8100/ 8200/ 8300

SEWAGE PUMPS



FEKA 6000



FEKA 8000



SINGLE CHANNEL IMPELLER



THREE VANE IMPELLER

CE

SEWAGE AND WASTE WATER

Cast iron submersible pumps with single channel impeller (6000 vers.) and three vane impeller (8000 vers.), suitable for foul waste water with solid contents with **80-108 mm** as maximum diameter.
Motor body, hydraulic section and any impeller in cast iron EN GJL 200.
Double mechanical seals in oil chamber: motor side carbon/steel, pump side in silicon carbide/silicon carbide. Oil chamber with water level detector kit.
Dry type asynchronous sealed motor. Rotor mounted on ball bearings to ensure silent running and long life. Thermal and overcurrent protection are installed in the motor windings as standard.

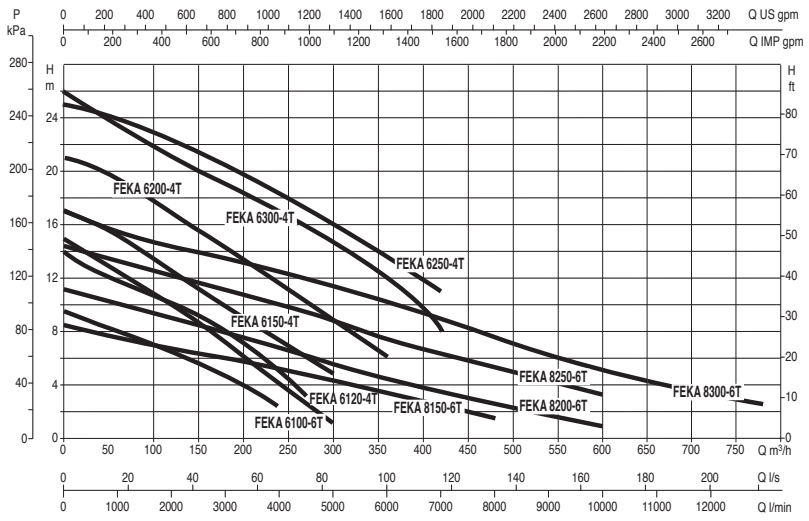
Motor protection rating: IP 68
Insulation class: F
Continuous duty with completely immersed pump.
Supplied as standard with **10 metre H07RN-F** power cable.
Free passage: 80-108 mm.
Operating range: from 36 to 780 m³/h with head up to 28 mt.
Liquid quality requirements: Non-aggressive sewage, drain water
Free passage: 150 mm.
Liquid temperature range: From 0° to + 40°.
Maximum immersion depth: 20 mt
Installation: in vertical position.

ACCESSORIES PAG 499
PANELS PAG 506

TECHNICAL DATA

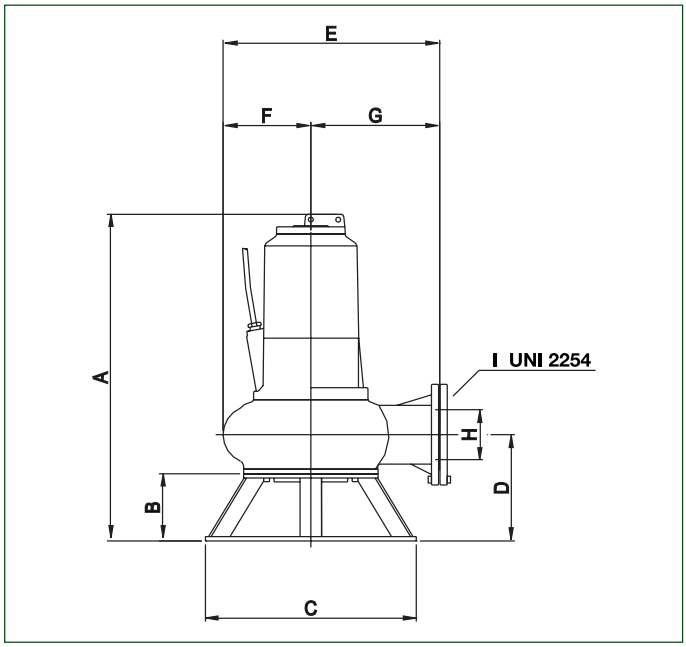
MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA																				
		VOLTAGE 50 HZ	AVV.	P1 MAX kW	P2 NOMIN. kW	P2 NOMIN. HP	In A	Q=m³h	0	24	36	48	60	72	90	108	126	150	180	210	240	270	300	360	420	480	600	780
								Q=l/min	0	400	600	800	1000	1200	1500	1800	2100	2500	3000	3500	4000	4500	5000	6000	7000	8000	10000	13000
FEKA 6075.6T	103019000	3X400 V~	Y/Δ	6,3	5,2	6,9	13		9,6	9,2	8,5	8,4	8	7,8	7,2	6,8	6,4	5,8	4,8	3,7	2,4								
FEKA 6100.6T	103019010	3X400 V~	Y/Δ	6,4	5,75	7,7	19		15	14,2	13,7	13	12,6	12	11.5	10,9	9,3	8,8	8,5	6,2	3,5	2,8	1,2						
FEKA 6120.4T	103019040	3X400 V~	Y/Δ	12,7	8,5	11,3	23		14	12,8	12,5	12,2	11,7	11,4	11	10,5	10	9,2	8,1	6,7	5,2	3,2							
FEKA 6150.4T	103019080	3X400 V~	Y/Δ	14	10,9	14,5	26		17	16,3	16,1	15,8	15,4	14,9	14	13,3	12,1	11,6	10,1	8,4	7,7	5,9	4,8						
FEKA 6200.4T	103019050	3X400 V~	Y/Δ	15,8	14,9	19,9	30		21		20,3	20	19,5	18,8	18,2	17,4	16,2	15,5	14,1	12,8	11,8	10,2	8,4	4,2					
FEKA 6250.4T	103019060	3X400 V~	Y/Δ	24	18,5	24,7	40	H (m)	25		24,5	24,2	24	23,5	23	22,5	22	21,5	20,5	19,5	18,5	17	16	14	11				
FEKA 6300.4T	103019070	3X400 V~	Y/Δ	23	21	28	45		26		24	23,8	23,4	23	22	21	20,5	19,8	19	18	16,8	16	14,4	12,3	8				
FEKA 8150. 6T	60141737	3X400 V~	Y/Δ	11,2	8,5	11,3	22		8,53	8,05	7,83	7,6	7,45	7,3	7,15	6,9	6,7	6,45	6	5,6	5,24	4,6	4,2	3,34	2,34	1,56			
FEKA 8200. 6T	60141738	3X400 V~	Y/Δ	13,4	11,4	15,2	27		11,2	18	10,5	10,3	9,97	9,7	9,5	9,2	8,8	8,46	8	7,4	6,95	6,3	5,6	4,4	3,6	2,67	1,07		
FEKA 8250. 6T	60141739	3X400 V~	Y/Δ	17	13,5	18	36		14,4	14	13,7	13,5	13,2	13	12,6	12,34	12	11,52	11,1	10,6	10	9,4	8,7	7,3	6,5	5,5	3,3		
FEKA 8300. 6T	60141740	3X400 V~	Y/Δ	22	19,3	25,7	46		17	16,6	16,2	16	15,6	15	14,7	14,5	14,2	13,8	13,5	13	12,4	12	11,4	10	9	7,6	5	2,6	

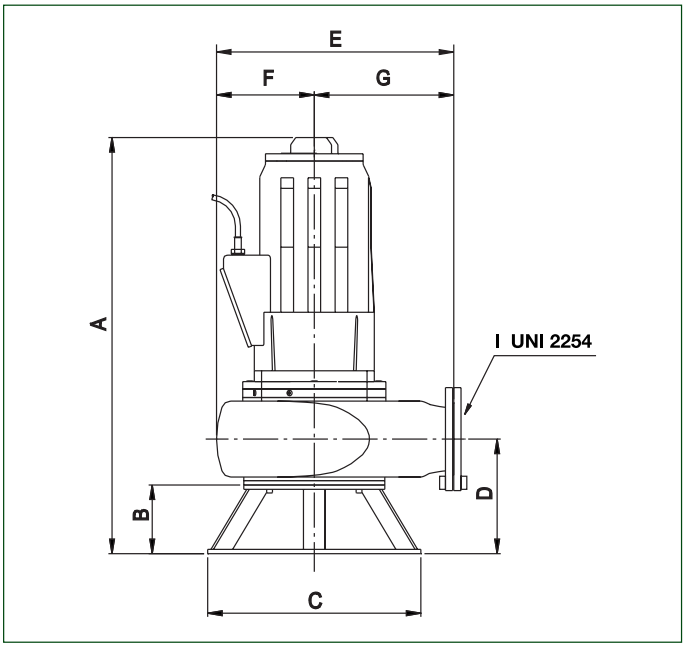
FEKA 6000 - 6100 - 6200 - 6300 - 8100 - 8200 - 8300



DAB PUMPS reserves the right to make modifications without notice

DIMENSIONS AND WEIGHTS





MODELLO	A	B	C	D	E	F	G	H	I	FREE PASSAGE mm	WEIGHT KG
FEKA 6075.6T	950	190	590	301	602	240	362	150	DN150	95	200
FEKA 6120.4T	950	190	590	301	602	240	362	150	DN150	95	200
FEKA 6150.4T	950	190	590	301	602	240	362	150	DN150	95	212
FEKA 6200.4T	950	190	590	301	602	240	362	150	DN150	95	226
FEKA 6250.4T b	1150	190	590	317	657	271	386	150	DN150	108	330
FEKA 6300.4T	1150	190	590	317	657	271	386	150	DN150	108	340
FEKA 8150. 6T	1200	190	640	317	771	271	500	200	DN200	80	465
FEKA 8200. 6T	1200	190	640	317	771	271	500	200	DN200	80	475
FEKA 8250. 6T	1200	190	640	317	771	271	500	200	DN200	80	490
FEKA 8300. 6T	1200	190	640	317	771	271	500	200	DN200	80	505

DAB PUMPS reserves the right to make modifications without notice

SOCCORRER



EMERGENCY SYSTEM

The new SOCCORRER systems are suitable for civil and industrial installations wherein a 230 V single-phase electric pump must be powered and a **temporary power loss** may result in flooding of rooms located under the level of the water-drainage system, resulting in possible **damage to property or personal injury**.

Applications
The system must be selected on the basis of the characteristics of the room to be protected against flooding and the power of the electric pump to be installed.
To guarantee increased safety against the risk of flooding, two electric pumps should be installed (E.P.S. systems only) for the following reasons:
In the event of a malfunction of one electric pump, system operation is guaranteed by the reserve pump.
In the event of exceptional rainfall, dual operation is possible.

ACCESSORIES
PAG 499

TECHNICAL DATA

SOCCORRER SINGLE EXIT				1 SINGLE PHASE PUMP FUNCTIONING (only well) M-A and M-NA	2 SINGLE PHASE PUMPS FUNCTIONING (only well) only M-NA
					2 SINGLE PHASE PUMPS FUNCTIONING (2 different wells) only M-A
MODEL	**CODE**	**n° of BATTERIES**	**Pump Max Current Ampere**	**PUMP MODEL (MINUTES)**	**PUMP MODEL (MINUTES)**
SOCCORRER 500	**60112712**	4 x 12Ah Internal	1,9	1 x Nova 180 (106 min.) 1 x Nova 200 (63 min.) 1 x Nova 300 (60 min.) M-A	-
SOCCORRER 600	**60112713**	2 x 45 Ah	2,3	1 x Nova 180 (166 min.) 1 x Nova 200 (100 min.) 1 x Nova 300 (93 min.)	2 x Nova 180 (83 min.)
SOCCORRER 600	**60112714**	2 x 60 Ah	2,3	1 x Nova 180 (230 min.) 1 x Nova 200 (138 min.) 1 x Nova 300 (129 min.)	2 x Nova 180 (115 min.)
SOCCORRER 1000 PLUS	**60141874**	2 x 45 Ah	4,2	1 x Nova 600 (47 min.)	2 x Nova 200 (54 min.) 2 x Nova 300 (50 min.)
SOCCORRER 1000 PLUS	**60141875**	2 x 60 Ah	4,2	1 x Nova 600 (65 min.) 1 x Feka VS-VX 550 (49 min.)	2 x Nova 200 (73 min.) 2 x Nova 300 (66 min.)
SOCCORRER 1000 PLUS	**60141876**	2 x 100 Ah	4,2	1 x Nova 600 (123 min.) 1 x Feka VS-VX 550 (88 min.)	2 x Nova 200 (140 min.) 2 x Nova 300 (130 min.)

Battery and battery support to be ordered separately

SOCCORRER SINGLE EXIT				1 SINGLE PHASE PUMP FUNCTIONING (only well) M-A and M-NA	2 SINGLE PHASE PUMPS FUNCTIONING (only well) only M-NA
					2 SINGLE PHASE PUMPS FUNCTIONING (2 different wells) only M-A
MODEL	**CODE**	**n° of BATTERIES**	**Pump Max Current Ampere**	**PUMP MODEL (MINUTES)**	**PUMP MODEL (MINUTES)**
SOCCORRER 1500	**60112726**	4 x 60 Ah	5,7	1 x Nova 600 (121 min.) 1 x Feka 600 M (95 min.) 1 x Feka VS-VX 550 (98 min.) 1 x Feka VS-VX 750 (80 min.)	-
SOCCORRER 1500	**60112727**	4 x 100 Ah	5,7	1 x Nova 600 M (218 min.) 1 x Feka 600 M (172 min.) 1 x Feka VS-VX 550 (176 min.) 1 x Feka VS-VX 750 (144 min.)	-
SOCCORRER 2000	**60112730**	4 x 60 Ah	7,6	1 x Feka VS-VX 1000 (min. 62) 1 x Drenag 1000 (min. 68) 1 x Drenag 1200 (min. 55)	2 x Nova 600 (60 min.)
SOCCORRER 2000	**60112731**	4 x 100 Ah	7,6	1 x Feka VS-VX 1000 (min. 109) 1 x Drenag 1000 (min. 120) 1 x Drenag 1200 (min. 96)	2 x Nova 600 (106 min.)
SOCCORRER 2500	**60112735**	4 x 60 Ah	9,6	1 x Feka VS-VX 1200 (min. 47) 1 x Drenag 1400 (min. 44) 1 x Feka 1400 (min. 47)	2 x Feka 600 (min. 47) 2 x Feka VS-VX 550 (min. 48)
SOCCORRER 2500	**60112736**	4 x 100 Ah	9,6	1 xFeka VS-VX 1200 (min. 83) 1 x Drenag 1400 (min. 78) 1 x Feka 1400 (min. 85)	2 x Feka 600 (min. 84) 2 x Feka VS-VX 550 (min. 86)
SOCCORRER 3000	**60112739**	4 x 60 Ah	11,5		2 x Feka VS-VX 750 (min. 40)
SOCCORRER 3000	**60112740**	4 x 100 Ah	11,5		2 x Feka VS-VX 750 (min. 66)
SOCCORRER 4000	**60112743**	4 x 100 Ah	15,2	-	2 x Feka VS-VX 1000 (min. 60)
SOCCORRER 4000	**60112744**	4 x 180 Ah	15,2	1 x Feka VS-VX 1000 (min. 220) 1 x Feka VS-VX 1200 (min. 169) 1 x Drenag 1000 (min. 243) 1 x Drenag 1200 (min. 195) 1 x Drenag 1400 (min. 159) 1 xFeka 1400 (min. 172)	2 x Feka VS-VX 1000 (min. 108)
SOCCORRER 5000	**60112747**	4 x 100 Ah	20	-	2 x Feka VS-VX 1200 (min. 41) 2 x Drenag 1400 (min. 37) 2 x Feka 1400 (min. 42)
SOCCORRER 5000	**60112748**	4 x 180 Ah	20	-	2 xFeka VS-VX 1200 (min. 73) 2 x Drenag 1400 (min. 66) 2 x Feka 1400 (min. 75)

Battery and battery support to be ordered separately

DAB PUMPS reserves the right to make modifications without notice

SOCCORRER ALTERNATE DOUBLE EXIT				2 SINGLE PHASE ALTERNATE FUNCTIONING (only well) M-A e M-NA	ALTERNATE FUNCTIONING + 2 SINGLE PHASE PUMPS SIMULTANEOUS (only well) M-A e M-NA
MODEL	**CODE**	**n° of BATTERIES**	**Pump Max Current Ampere**	**PUMP MODEL (MINUTES)**	**PUMP MODEL (MINUTES)**
SOCCORRER 600	**60112716**	2 x 45 Ah	2,3	1 x Nova 180 (166 min.) 1 x Nova 200 (100 min.) 1 x Nova 300 (93 min.)	2 x Nova 180 (166/83 min.)
SOCCORRER 600	**60112717**	2 x 60 Ah	2,3	1 x Nova 180 (230 min.) 1 x Nova 200 (138 min.) 1 x Nova 300 (129 min.)	2 x Nova 180 (230/115 min.)
SOCCORRER 1000 PLUS	**60141878**	2 x 45 Ah	4,2	1 x Nova 600 (47 min.)	2 x Nova 200 (108/54 min.) 2 x Nova 300 (100/50 min.)
SOCCORRER 1000 PLUS	**60141879**	2 x 60 Ah	4,2	1 x Nova 600 (65 min.) 1 x Feka VS-VX 550 (49 min.)	2 x Nova 200 (146/73 min.) - 2 x Nova 300 (132/66 min.)
SOCCORRER 1000 PLUS	**60141880**	2 x 100 Ah	4,2	1 x Nova 600 (123 min.) 1 x Feka VS-VX 550 (88 min.)	2 x Nova 200 (280/140 min.) 2 x Nova 300 (260/130 min.)
SOCCORRER 1500	**60112728**	4 x 60 Ah	5,7	1 x Nova 600 (121 min.) 1 x Feka 600 M (95 min.) 1 x Feka VS-VX 550 (98 min.) 1 x Feka VS-VX 750 (80 min.)	-
SOCCORRER 1500	**60112729**	4 x 100 Ah	5,7	1 x Nova 600 M (218 min.) 1 x Feka 600 M (172 min.) 1 x Feka VS-VX 550 (176 min.) 1 x Feka VS-VX 750 (144 min.)	-
SOCCORRER 2000	**60112732**	4 x 60 Ah	7,6	1 x Feka VS-VX 1000 (min. 62) 1 x Drenag 1000 (min. 68) 1 x Drenag 1200 (min. 55)	2 x Nova 600 (120/60 min.)
SOCCORRER 2000	**60112733**	4 x 100 Ah	7,6	1 x Feka VS-VX 1000 (min. 109) 1 x Drenag 1000 (min. 120) 1 x Drenag 1200 (min. 96)	2 x Nova 600 (212/106 min.)
SOCCORRER 2500	**60112737**	4 x 60 Ah	9,6	1 x Feka VS-VX 1200 (min. 47) 1 x Drenag 1400 (min. 44) 1 x Feka 1400 (min. 47)	2 x Feka 600 (min. 94/47) 2 x Feka VS-VX 550 (min. 96/48)
SOCCORRER 2500	**60112738**	4 x 100 Ah	9,6	1 xFeka VS-VX 1200 (min. 83) 1 x Drenag 1400 (min. 78) 1 x Feka 1400 (min. 85)	2 x Feka 600 (min.168/84) 2 x Feka VS-VX 550 (min. 172/86)
SOCCORRER 3000	**60112741**	4 x 60 Ah	11,5		2 x Feka VS-VX 750 (min. 80/40)
SOCCORRER 3000	**60112742**	4 x 100 Ah	11,5	-	2 x Feka VS-VX 750 (min. 132/66)
SOCCORRER 4000	**60112745**	4 x 100 Ah	15,2	-	2 x Feka VS-VX 1000 (min. 120/60)
SOCCORRER 4000	**60112746**	4 x 180 Ah	15,2	1 x Feka VS-VX 1000 (min. 220) 1 x Feka VS-VX 1200 (min. 169) 1 x Drenag 1000 (min. 243) 1 x Drenag 1200 (min. 195) 1 x Drenag 1400 (min. 159) 1 x Feka 1400 (min. 172)	2 x Feka VS-VX 1000 (min. 216/108)
SOCCORRER 5000	**60112749**	4 x 100 Ah	20	-	2 x Feka VS-VX 1200 (min. 82/41) 2 x Drenag 1400 (min. 74/37) 2 x Feka 1400 (min. 84/42)
SOCCORRER 5000	**60112750**	4 x 180 Ah	20	-	2 xFeka VS-VX 1200 (min. 146/73) 2 x Drenag 1400 (min. 132/66) 2 x Feka 1400 (min. 150/75)

Battery and battery support to be ordered separately

DAB PUMPS reserves the right to make modifications without notice



CE

PUMPS FOR PONDS AND FOUNTAIN

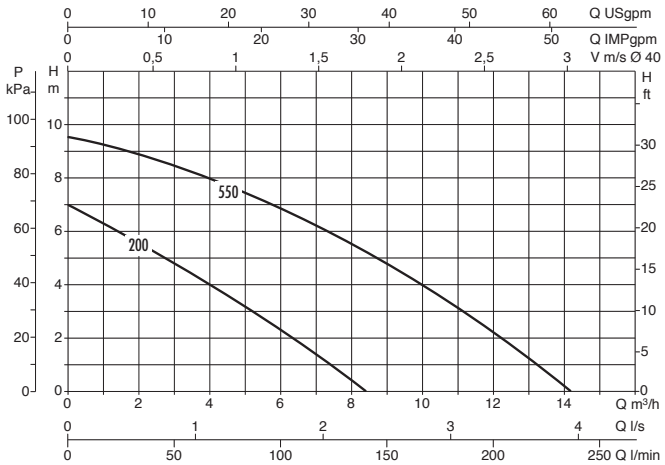
The models NovaPond are submersible pumps specially designed for the recirculation of water in garden ponds, to create waterfalls or other water features. They are designed to pump clean water containing solid particles with a maximum diameter of 10 mm.
Suitable for continuous operation.
Designed for horizontal or vertical installation.
Environmentally safe.

Materials resistant to corrosion and oxidation.
Motor with thermal overload protection.
Adjustable suction filter to enable transit of solid particles with a diameter from 5 mm to 10 mm.
Supplied with power cable and plug, and self-sealing coupling.

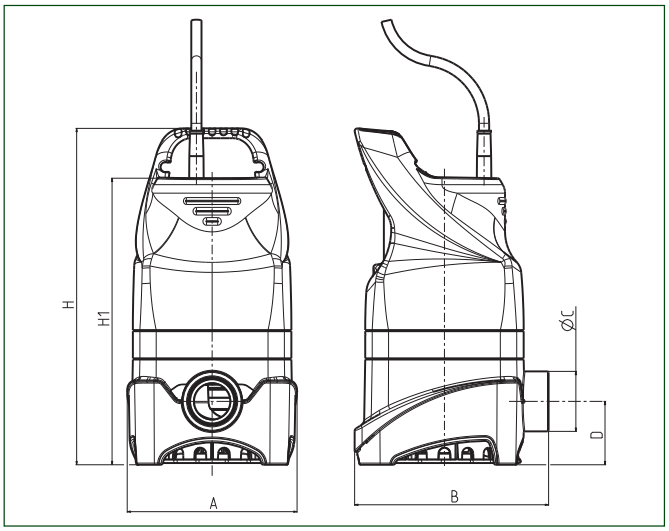
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA										
		VOLTAGE 50 HZ	P1 MAX W	P2 NOMINAL KW	P2 NOMINAL HP	In A	Q=m³h	0	1	2	3	4,5	6	7,5	9	10,5	12	14
							Q=l/min	0	17	33	50	75	100	125	150	175	200	233
NOVAPOND 200 M	60122681	1X230 V~	280	0,2	0,28	1,3	H (m)	6,98	6,35	5,55	4,75	3,6	2,2	0,65				
NOVAPOND 550 M	60122684	1X230 V~	750	0,55	0,75	3,3		9,4	9,15	8,95	8,58	7,86	6,9	5,9	4,8	3,53	2,1	0,44

NOVAPOND



DIMENSIONS AND WEIGHTS



MODEL	A	B	ØC	D	H	H1	DNM GAS	CABLE	WEIGHT KG	Q.TY X PALLETS
NOVAPOND 200 M	150	170	53	56	300	255	1¹/4"	10 mt.	4,3	48
NOVAPOND 550 M	150	170	53	56	330	285	1¹/4"	10 mt.	6,2	48

ACCESSORIES FOR WATER FEATURES

MODEL	CODE
TELESCOPIC TUBE	LP050001
3 LEVELS	LP050003
FOAM	LP050004
FLOWER	LP050005
MUSHROOM HEAD HOUSING	LP050006


TELESCOPIC TUBE


3 LEVELS


FOAM


FLOWER


MUSHROOM HEAD HOUSING

DAB PUMPS reserves the right to make modifications without notice

NINPHAEA
SUBMERSIBLE PUMPS



CE

PUMPS FOR PONDS AND FOUNTAIN

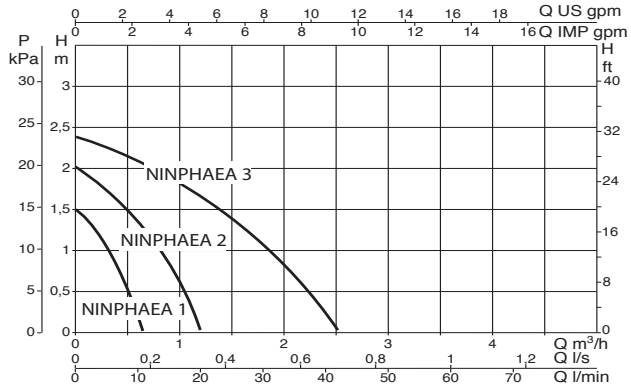
Fountain and pond pumps.
Use of ceramic parts in order to reduce wear and tear.
Filtering with a double grid, without sponge, to keep maintenance low.

Thermally protected, any possible damage to the motor is avoided thanks to the thermo protector.
Impeller designed to expel dirt and solid particles.

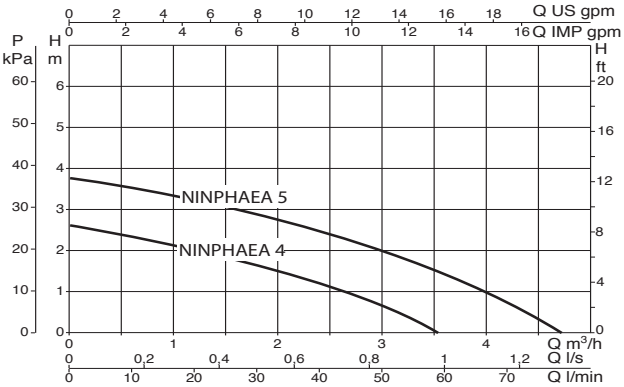
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA												
		VOLTAGE 50 HZ	P1 MAX W	P2 NOMINAL W	Q=m³h	0	0,2	0,4	0,6	0,9	1,2	1,6	2	2,4	3	3,5	4	4,6
					Q=l/min	0	3	7	10	15	20	27	33	40	50	58	67	77
NINPHAEA 1	**60122685**	1X230 V~	13	10	H (m)	1,5	1,2	0,78	0,2									
NINPHAEA 2	**60122686**	1X230 V~	20	15		2	1,85	1,6	1,3	0,81	0,1							
NINPHAEA 3	**60122687**	1X230 V~	45	35		2,38	2,3	2,2	2,07	1,85	1,6	1,26	0,76	0,21				
NINPHAEA 4	**60122688**	1X230 V~	75	55		2,6	2,5	2,4	2,3	2,15	2	1,75	1,47	1,15	0,7	0,1		
NINPHAEA 5	**60122689**	1X230 V~	95	75		3,76	3,67	3,6	3,5	3,35	3,18	2,98	2,7	2,45	2	1,55	1	0,23

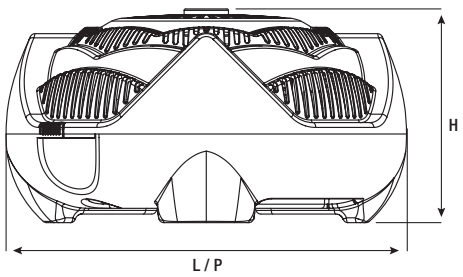
NINPHAEA 1 - 2 - 3



NINPHAEA 4 - 5



DIMENSIONS AND WEIGHTS



MODEL	L	P	H	Ø	DNM GAS	CABLE	WEIGHT KG	Q.TY X PALLETS
NINPHAEA 1	20	20	11	3/4"	¾"	10 mt.	1	96
NINPHAEA 2	22	22	12	3/4"	¾"	10 mt.	1,5	96
NINPHAEA 3	24,5	24,5	13	3/4"	¾"	10 mt.	1,8	48
NINPHAEA 4	26,5	26,5	14	3/4"	¾"	10 mt.	2,2	32
NINPHAEA 5	29	29	15	3/4"	¾"	10 mt.	2,7	32

NOVAIR
SUBMERGED AERATOR



CE AERATOR FOR SMALL WASTE WATER TREATMENT SYSTEMS

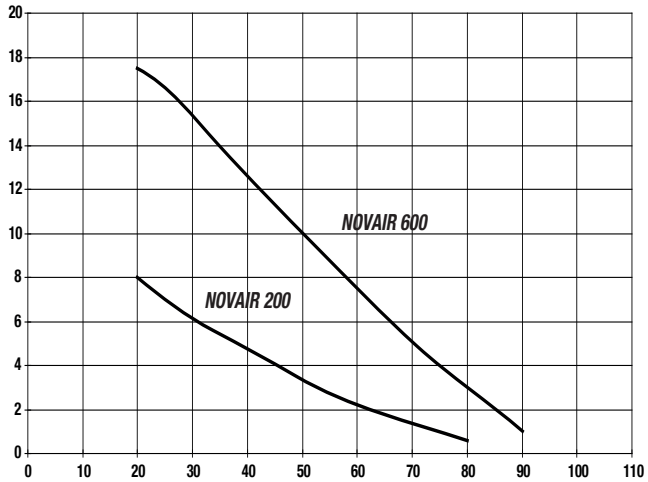
The submerged aerator is designed for liquid waste aeration in small water treatment systems. Other fields of application include pond water oxygenation and fish farms.Thanks to its specific design, the new **NOVAIR** system guarantees optimal oxygenation of water treatment plants by means of a large and thick cloud of fine bubbles. The fluid dynamics study has been mainly focused on the impeller's blade profiles, with a view to avoid damaging microorganisms present in the water when starting operation. As the aerator is installed vertically, its body is supplied with a supporting base.
Technically speaking, motor cooling is guaranteed by large contact surfaces between motor casing and the liquid. The power cable is coated with resin against humidity and leaks and cabling has been made easier, in order to favour maintenance operations and cable replacement. The excellent wear resistance of the stainless steel motor shaft, with ceramic bush around the sealing rings, guarantees long product durability.

Pump body, cable cover and impeller in technopolymer. Two-pole asynchronous submergible type motor from 0.18 and 0.4 kW with built-in thermal protection and permanently connected capacitor installed in the cable compartment. Steel motor shaft mounted on oversized, greased sealed-forlife ball bearings with ceramic bush. Triple interposed ring seal with oil pre-chamber.
Operating range: air delivery 2 - 17 m³/h for depths from 20 – 90 cm, from the inlet axls.
Protection level : IP68
Insulating class: F
Liquid temperature range: from 0 °C to 35 °C according to EN 60335-2-41 standard for domestic use
Liquid quality requirements: sewage from septic tank fibre-less and free from solids, and clear water.
Sigle-phase: monophase: 220 – 240 V/ 50 Hz
Power cable: H07RNF8-F of 2 mt, 5mt e 10 mt and SCHUKO plug available. Supplied with gasket and 90 degrees band for vertical inlet.

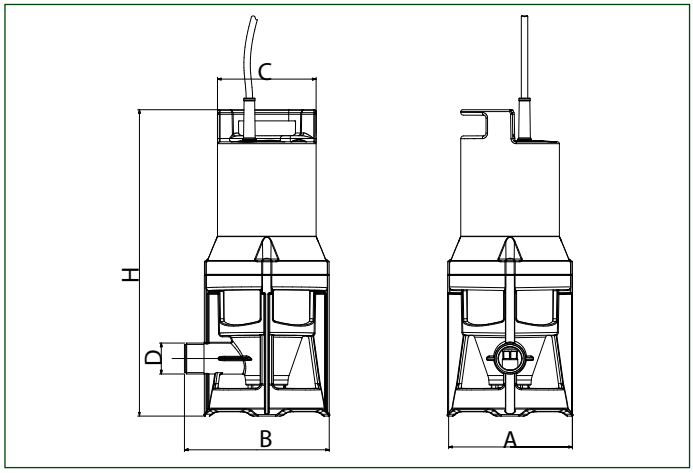
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA										AIR DELIVERY	DEPTH		DNM GAS	CABLE	WEIGHT Kg	Q.TY X PALLET
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q AIR m³/h l/min	1	2	3	4	6	8	10	12	14	17,5	MAX m³/h	MAX cm	MIN cm				
								16,6	33,3	50	66,6	100	133,3	166,6	200	233,3	291,6							
NOVAIR 200 M-NA	60145324	1X220- 240 V~	0,28	0,18	0,24	1,4	Depth (cm)	80	60	45	30	20						8	80	20	1"	2 mt / H07RN8-F	3,5	32
NOVAIR 200 M-NA	60145325	1X220- 240 V~	0,28	0,18	0,24	1,4		80	60	45	30	20						8	80	20	1"	5 mt / H07RN8-F	3,5	32
NOVAIR 200 M-NA	60145507	1X220- 240 V~	0,28	0,18	0,24	1,4		80	60	45	30	20						8	80	20	1"	10 mt / H07RN8-F	3,5	32
NOVAIR 600 M-NA	60145326	1X220- 240 V~	0,63	0.40	0,54	3		90	85	75	65	57	50	42,5	34	27	20	17.5	90	20	1 ¼"	2 mt / H07RN8-F	5,4	32
NOVAIR 600 M-NA	60145327	1X220- 240 V~	0,63	0.40	0,54	3		90	85	75	65	57	50	42,5	34	27	20	17.5	90	20	1 ¼"	5 mt / H07RN8-F	5,4	32
NOVAIR 600 M-NA	60145508	1X220- 240 V~	0,63	0.40	0,54	3		90	85	75	65	57	50	42,5	34	27	20	17.5	90	20	1 ¼"	10 mt / H07RN8-F	5,4	32

NOVAIR



DIMENSIONS AND WEIGHTS



MODEL	H	A	B	øC	D G NPT	PACKAGING DIMENSIONS L/A	PACKAGING DIMENSIONS L/B	PACKAGING DIMENSIONS L/H	WEIGHT KG
NOVAIR 200	329,5	130,5	158	106	1"	190	255	308	3,5
NOVAIR 600	380,2	130,5	158	106	1" 1/4	190	255	419	5,4

DAB PUMPS reserves the right to make modifications without notice

FEKALIFT

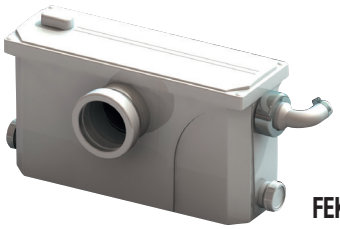
SMALL LIFTING STATIONS FOR AUTOMATIC COLLECTING AND PUMPING SEWAGE



FEKALIFT 100 - WC



FEKALIFT 300 - WC



FEKALIFT 200
WC - SINK

CE

WASTE WATER

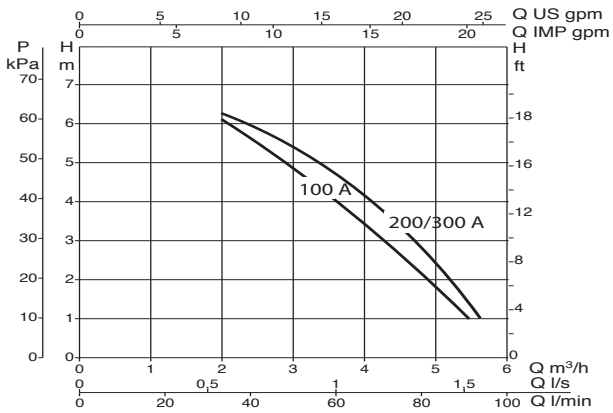
Small lifting stations for automatic collecting and pumping sewage. Its use is necessary whenever the wastewater cannot be expelled by gravity. The lifting station is mounted directly behind the WC and is therefore unaffected by the type of waste piping and unions.
This lifting station can be used wherever an additional toilet is required during new building work, renovations and structural modifications. Depending on the model, a shower, bidet and washbasin can be connected together with the WC.
The inflow water from the sanitary ware connected to the system automatically turns on the Fekalift when there is an increase in the water level of approximately 8 cm and is automatically turned off when the level drops by approximately 3 cm. The solids and excrement that arrive from the toilet are chopped and forced into the general waste pipe through the pressure pipe. The Fekalift can be connected to any European standards WC with horizontal waste. At least 6 litres of water must be available each time flushing is performed. Water saving push button flushes are advised.
The appealing design, technical innovation and manufacturing quality make FEKALIFT an indispensable item for the fitting of a supplementary toilet, above or below the backwater level (based on the DIN 1986 standard).

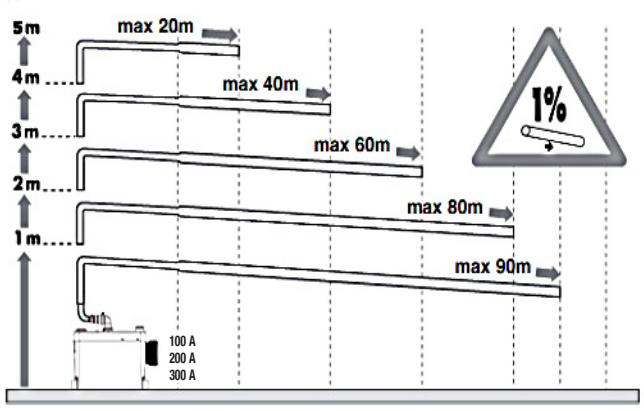
The systems are suitable for water temperatures up to 60°C and are resistant to slightly acidic substances. Avoid the discharge of water containing greasy or oily substances.
The motor, powerful yet noiseless, the pump and the grinding device are made of stainless steel.
The integrated pump purifying system makes the station practically maintenancefree.
Easy to install, it is also designed for connection of a shower base with 12 cm drain height.
The forced side duct with built-in no-return valve allows the cover to be removed without having to remove the delivery pipe.
Power input:: 1x230 V~ 50 Hz
Insulation class: B
Speed of rotation: 3000 1/min.
Operation: automatic
Approval: VDE - GS
Built to: DIN 19762
Capacity: 11 lt (Fekalift 100A)
16 lt (Fekalift 200A)
11 lt (Fekalift 300A)
Protection level: IP44

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA								H max according with EN12050-3 (m)	A ddtional inlet
		VOLTAGE 50 HZ	P2 NOMINAL		In A	Q=m³h	0	0,9	1,8	3	4,2	5,4	5,7		
			KW	HP		Q=l/min	0	15	30	50	70	90	95		
FEKALIFT 100 - A	60124298	1 x 230 V ~	0,4	0,55	1,9	H (m)	8	7,1	6,2	4,8	3,2	1		5	1 (side)
FEKALIFT 200 - A	60124299	1 x 230 V ~	0,4	0,55	1,9		8	7,5	6,85	5,55	3,8	1,65	1	5	2 (side)
FEKALIFT 300 - A	60124300	1 x 230 V ~	0,4	0,55	1,9		8	7,5	6,85	5,55	3,8	1,65	1	5	1 (up)

FEKALIFT

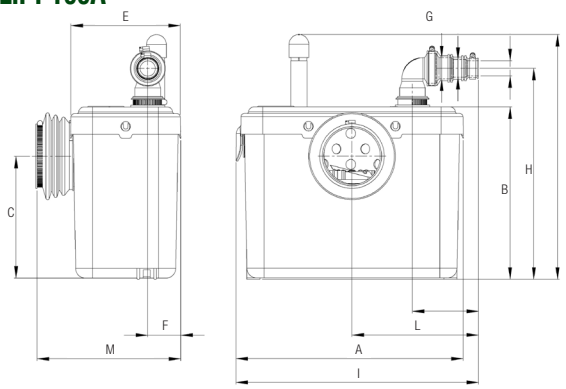




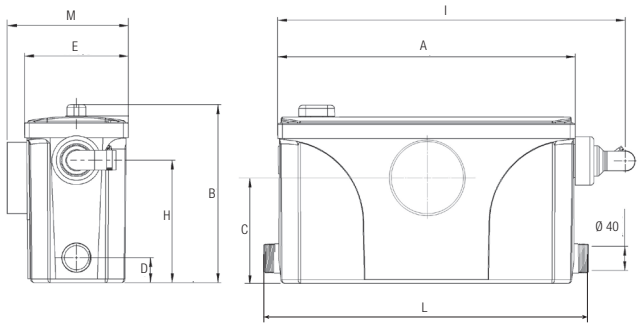
SUBMERSIBLE PUMPS

DIMENSIONS AND WEIGHTS

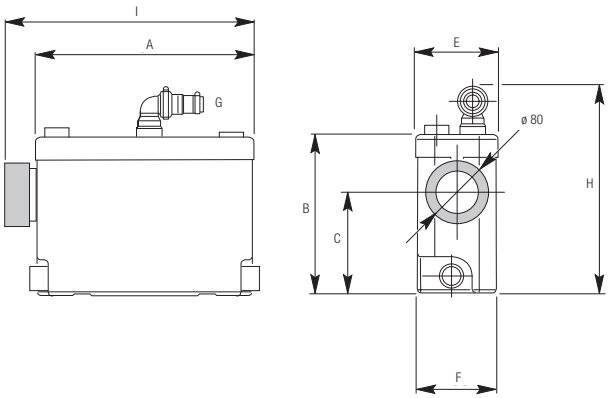
FEKALIFT 100A

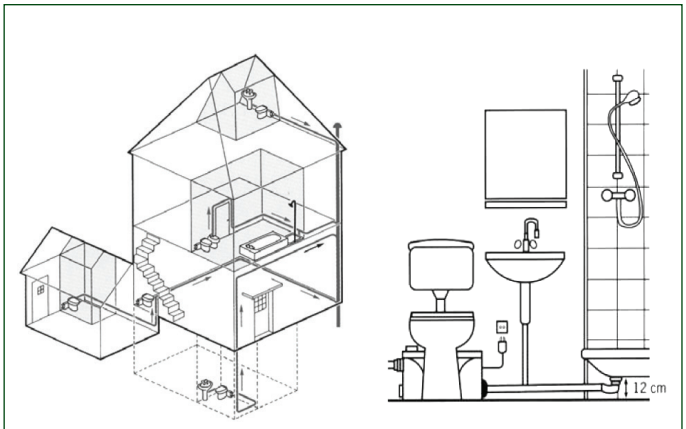


FEKALIFT 200A



FEKALIFT 300A





MODEL	A	B	C	D	E	F	DNM G Ø	H	I	L	M	WEIGHT KG
FEKALIFT 100A	345	262	185	13	166	50	DN22/DN28/DN32	320	368	192	218	5,8
FEKALIFT 200A	485	270	180	40	170	-	DN28	200	530	535	200	7,5
FEKALIFT 300A	401	295	188	-	146	133	DN22/DN28/DN32	387	462	-	-	7

DAB PUMPS reserves the right to make modifications without notice

NOVABOX

SMALL LIFTING STATIONS FOR AUTOMATIC COLLECTING AND PUMPING SEWAGE



CE

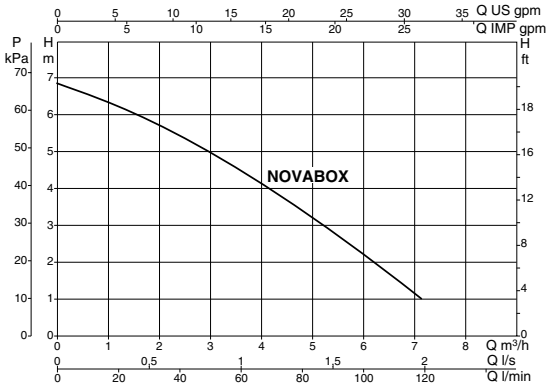
WASTE WATER

Automatic stations for collecting and lifting domestic waste water from bath tubs, wash basins, showers and washing machines located in basements or below the level of the sewage network.
Equipped with a NOVA 300 electropump with 5 metres of power cable and plug mounted on a technopolymer plate, a 30-litre container in technopolymer and a check valve on delivery.
Supplied with pump already assembled, ready to use.

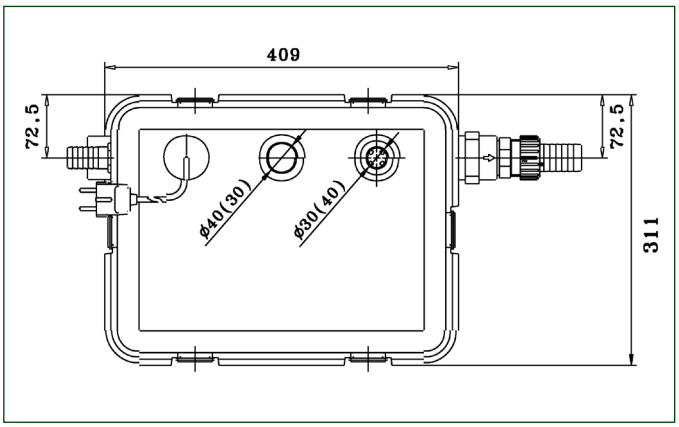
Operating range: from 1 to 7,2 m³/h with head up to 6.9 metres
Liquid temperature range: +50°C +90°C for a max. time of 3 min.
Pumped liquid: waste water free from solids and/or fibres
Pump motor protection level: IP 68
Motor insulation class: F

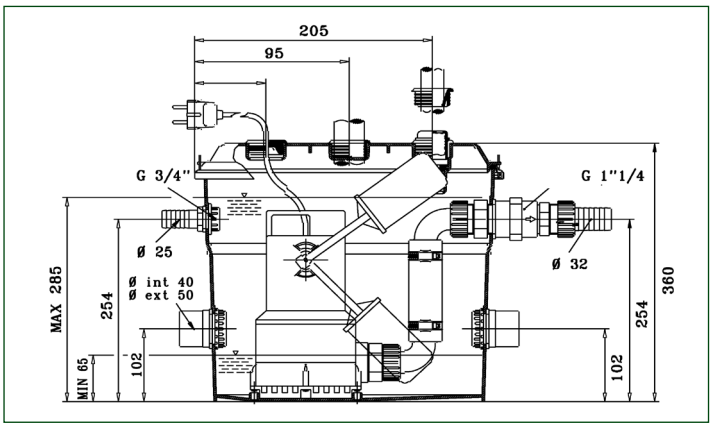
TECHNICAL DATA

MODELLO	CODICE	ELECTRICAL DATA						
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL		IN A	CAPACITOR	
				kW	HP		µF	Vc
NOVABOX 30/300.1M	503110304	1x220-240 V ~	0,29	0,22	0,3	1,3	8	450
NOVABOX 30/300.1M - SV	503110334	1x220-240 V ~	0,29	0,22	0,3	1,3	-	-



DIMENSIONS AND WEIGHTS





MODEL	A	B	C	D	E	F	H	H1	H2	PACKAGING DIMENSIONS			WEIGHT KG
										L/A	L/B	H	
NOVABOX 30/300.1	407	309	94	204	314	72	360	100	254	45	33	38	9,2

FEKABOX 110

AUTOMATIC PUMPING STATION



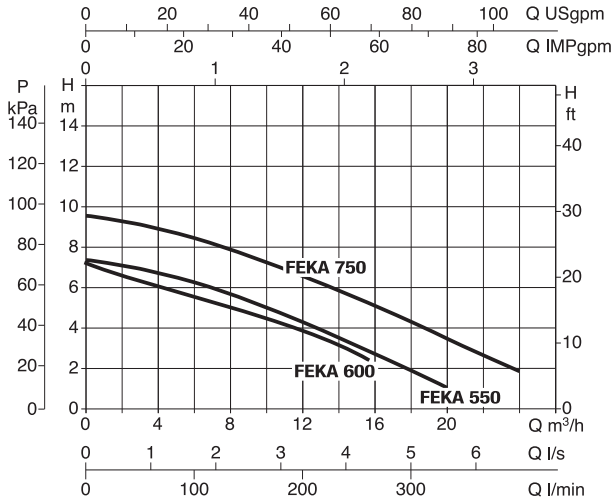
WASTE WATER COLLECTION AND LIFTING

Automatic collection and lifting stations, used for collecting and pumping civil waste water in sewers.
FEKABOX 110 is made of a 110 litres polyethylene tank with cover including plastic seal.
Fekabox series is suitable only for the use of one single phase automatic pump from the following: **FEKA 600 M/A - FEKA VS 550 M/A - FEKA VS 750 M/A - FEKA VX 550 M/A - FEKA VX 750 M/A, to be ordered separately**.

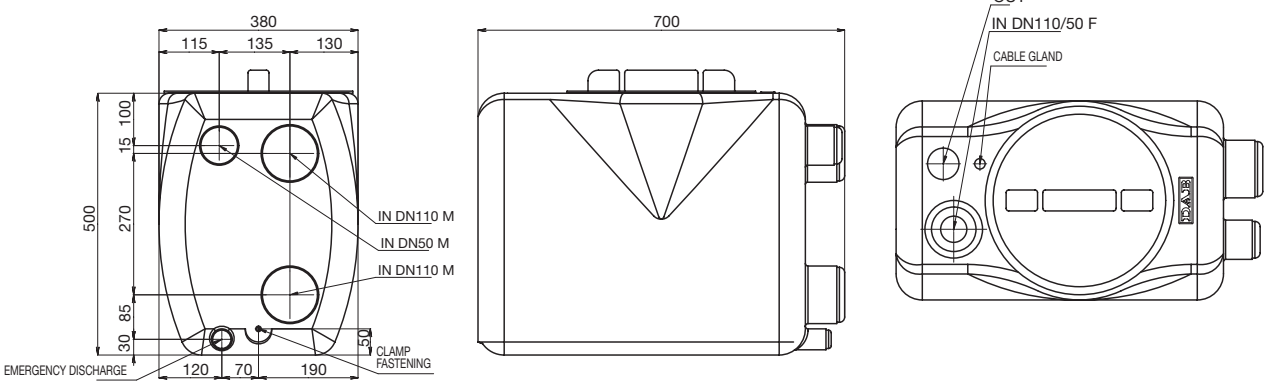
Complete with: 2" PVC unions and cable gland
Operating range: from 1 to 24 m^3/h with head up to 9 m
Liquid temperature range: + 50°C
Pumped liquid: sewage and household waste.

TECHNICAL DATA

MODEL	CODE	CAPACITY [lt]	DIMENSION [mm]	TO BE USED WITH	DN PIPES [mm]
FEKABOX 110	**60123162**	110	700x380x560	FEKA 600 MA, FEKA VS/VX 550-750 MA	3xDN110, 2xDN50 inlet 1xDN50 ventilation 1xDN40 emergengy emptying



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E	F	G	H	H1	H2	H3	H4	H5	I	WEIGHT KG
FEKABOX 110	700	190	70	120	380	115	135	270	100	15	85	30	50	130	8,5

DAB PUMPS reserves the right to make modifications without notice

FEKABOX 200

AUTOMATIC PUMPING STATION



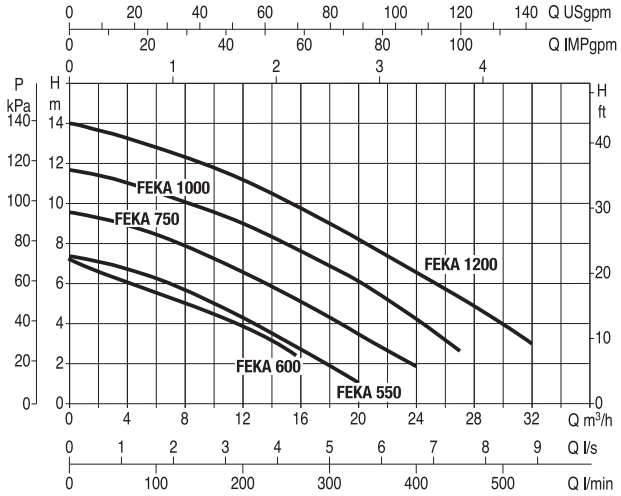
WASTE WATER COLLECTION AND LIFTING

Automatic collection and lifting stations, used for collecting and pumping civil and industrial waste water in sewers. Comprises a high density 200 litre polythene tank with removable cover complete with a watertight and gastight seal.
Fekabox series is suitable only for the use of one single phase automatic pump from the following: **FEKA 600 MA, FEKA VS/VX 550-750-1000-1200 MA, GRINDER GL 1000 MA, to be ordered separately.**

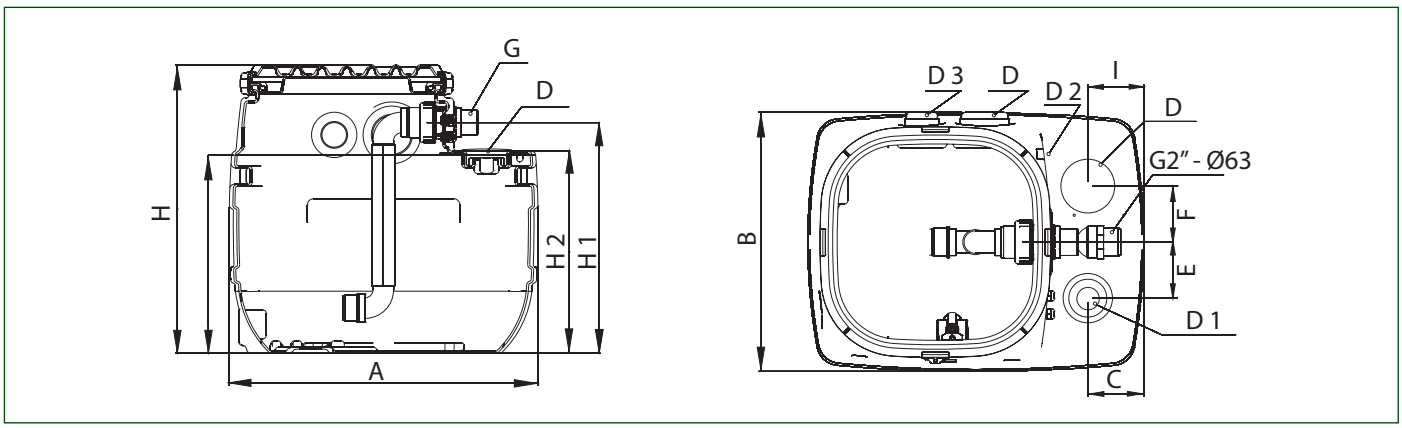
Complete with: 2" PVC unions special cable holder and cable gland, DN50 and DN110 suction manifolds and 2" delivery manifolds. Complete with connector for DN50 vent tube. An alarm float can be used on request.
Operating range: from 1 to 32 m^3/h with a head of up to 15 m
Liquid temperature range: +50°C
Pumped liquid: ground water, rain water, clear waste water, black waste water and water from rivers and lakes.

TECHNICAL DATA

MODEL	CODE	CAPACITY [lt]	DIMENSION [mm]	TO BE USED WITH	DN PIPES [mm]
FEKABOX 200	60116632	200	750x579x700	FEKA 600 MA, FEKA VS/VX 550-750-1000-1200 MA GRINDER GL 1000 MA	3xDN110, 1xDN50, 1xDN75 inlet 1xDN75 ventilation 1xDN40 emergency emptying



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	D1	D2	D3	E	F	G	H	H1	H2	I	WEIGHT KG
FEKABOX 200	750	579	124,5	DN 110	DN 50/110	DN 75	DN 110	125	125	2"	700	560	490	124,5	25

SUBMERSIBLE PUMPS

FEKABOX 280

AUTOMATIC PUMPING STATION



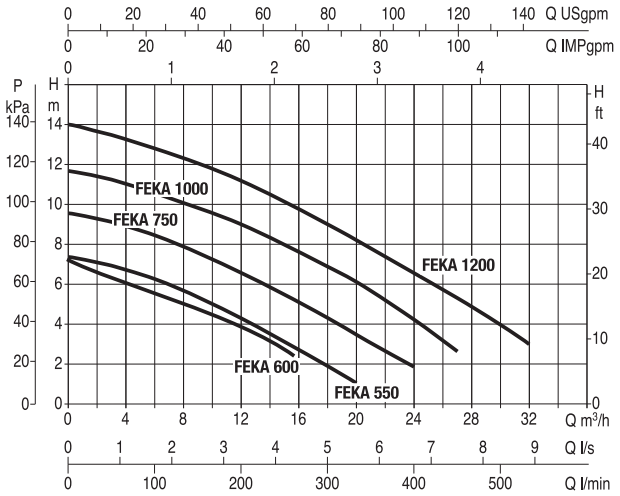
WASTE WATER COLLECTION AND LIFTING

Automatic collection and lifting stations, used for collecting and pumping civil and industrial waste water in sewers. Comprises a high density 280 litre polythene tank with removable cover complete with a watertight and gastight seal.
Fekabox series is suitable only for the use of one single phase automatic pump from the following: **FEKA 600 M-A - FEKA VS 550 M/A - FEKA VS 750 M/A - FEKA VX 550 M/A - FEKA VX 750 M/A, GRINDER GL 1000 MA to be ordered separately.**

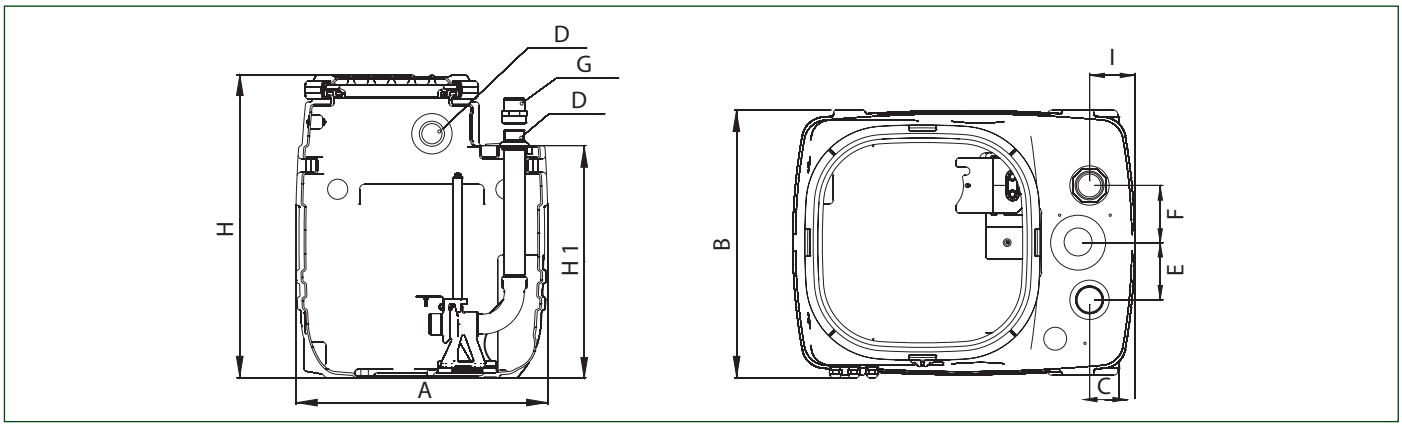
Complete with: special cable holder, DN50 and DN110 suction manifolds and 2" delivery manifolds.
Complete with connector for DN50 vent tube. An alarm float can be used on request. Complete with lifting device (DSD2) for making pump maintenance easier.
Operating range: from 1 to 32 m³/h with a head of up to 23 m
Liquid temperature range: +50°C
Pumped liquid: ground water, rain water, clear waste water, black waste water and water from rivers and lakes.

TECHNICAL DATA

MODEL	CODE	CAPACITY [lt]	DIMENSION [mm]	TO BE USED WITH	DN PIPES [mm]
FEKABOX 280	**60114028**	280	750x585x900	FEKA 600 MA, FEKA VS/VX 550-750-1000-1200 MA GRINDER GL 1000 MA	2xDN150,3xDN110, 2xDN50 inlet 1xDN50 ventilation 1xDN40 emergengy emptying



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E	F	G	H	H1	I	WEIGHT KG
FEKABOX 280	750	585	99	DN 50/110	125	125	2" - Ø 63	900	690	124,5	34

DAB PUMPS reserves the right to make modifications without notice

FEKAFOS 200

AUTOMATIC PUMPING STATION



CE

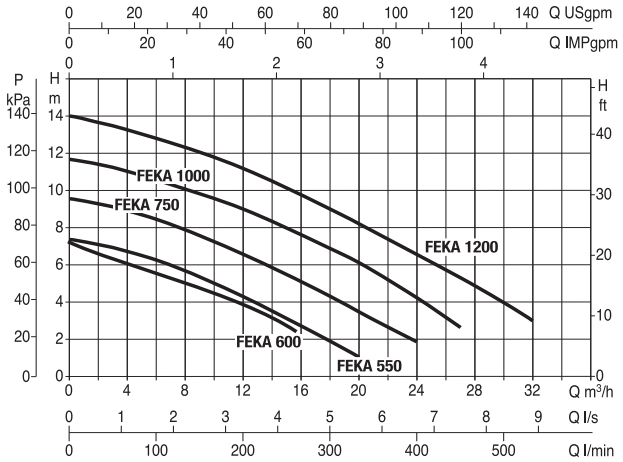
WASTE WATER COLLECTION AND LIFTING

Automatic collection and lifting stations, used for collecting and pumping civil and industrial waste water in sewers. Comprises a high density 200 litre polythene tank with removable cover complete with a watertight and gastight seal.
Fekafos series is suitable only for the use of one not automatic single/triphase pump from the following: **FEKA 600 M-NA - FEKA VS-VX 550 M-NA /T-NA - FEKA VS-VX 750 M-NA /T-NA - FEKA VS-VX 1000 M-NA /T-NA - FEKA VS-VX 1200 M-NA /T-NA, GRINDER 1000-1200-1600T, GRINDER 1400 M -1800 T, to be ordered separately.**

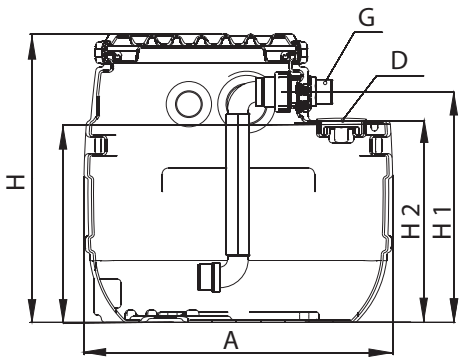
Complete with: 2 bulb floats mounted on a stainless steel support, cable holder for connecting the float and pump cables to the electrical panel (**to order separately according to the performance range table**).
Complete with: 2" PVC unions, DN50 and DN110 suction manifolds and 2" delivery manifolds.
Complete with connector for DN50 vent tube.
An alarm float can be used on request.
Operating range: from 1 to 32 m^3/h with a head of up to 23 m
Liquid temperature range: +50°C
Pumped liquid: ground water, rain water, clear waste water, black waste water and water from rivers and lakes.

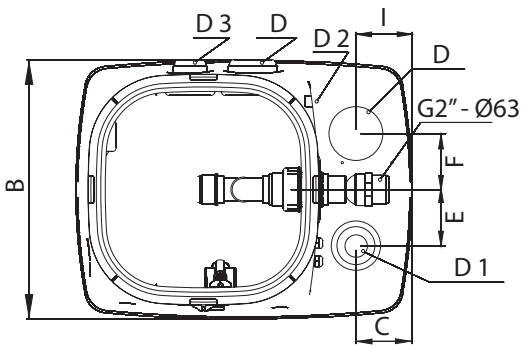
TECHNICAL DATA

MODEL	CODE	CAPACITY [lt]	DIMENSION [mm]	TO BE USED WITH	DN PIPES [mm]
FEKAFOS 200	**60114041**	200	750x579x700	FEKA 600 M-NA/T, FEKA VS/VX 550-750-1000-1200 M-NA/T GRINDER 1000-1200-1600 T, GRINDER 1400 M-1800 T	3xDN110,1xDN50, 1xDN75 inlet 1xDN50 ventilation 1xDN40 emergengy emptying



DIMENSIONS AND WEIGHTS





MODEL	A	B	C	D	D1	D2	D3	E	F	G	H	H1	H2	I	WEIGHT KG.
FEKAFOS 200	750	579	124,5	DN 110	DN 50/110	DN 50	DN 75	125	125	2"	700	560	490	124,5	34

SUBMERSIBLE PUMPS

FEKAFOS 280

AUTOMATIC PUMPING STATION



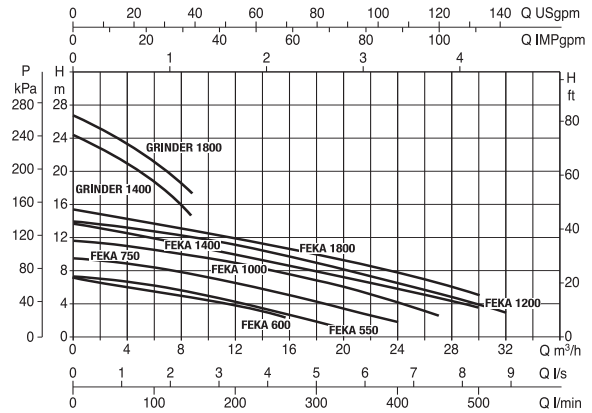
WASTE WATER COLLECTION AND LIFTING

Automatic collection and lifting stations, used for collecting and pumping civil and industrial waste water in sewers. Comprises a high density 280 litre polythene tank with removable cover complete with a watertight and gastight seal.
Fekafos series is suitable only for the use of one not automatic single/triphase pump from the following: **DN 50 (FEKA 600 M-NA/T, FEKA VS/VX 550-750-1000-1200 M-NA/T GRINDER 1000-1200-1600 T, GRINDER 1400 M-1800 T, FEKA 1400 M-1800 T, FEKA 2015 - 2030.2TNA) DN 65 (FEKA 2500.4T, FEKA 2515-FEKA 2500-FEKA 2700.2T), to be ordered separately.**

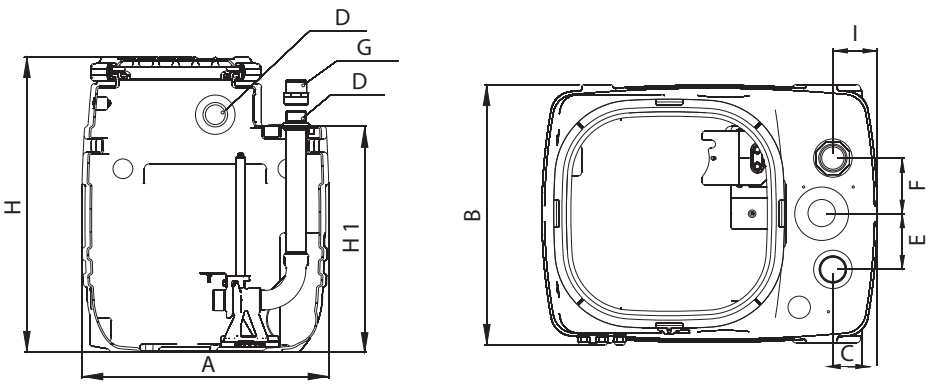
Complete with: 2 bulb floats mounted on a stainless steel support, cable holder for connecting the float and pump cables to the electrical panel (**to order separately according performance range table**), DN50 and DN110 suction manifolds and 2" delivery manifolds, connector for DN50 vent tube, lifting device (DSD2) for making pump maintenance easier. An alarm float can be used on request.
Operating range: from 1 to 48 m³/h with a head of up to 23 m
Liquid temperature range: +55°C
Pumped liquid: ground water, rain water, clear waste water, black waste water and water from rivers and lakes.

TECHNICAL DATA

MODEL	CODE	CAPACITY [lt]	DIMENSION [mm]	TO BE USED WITH	DN PIPES [mm]
FEKAFOS 280 2"	60114026	280	750x585x900	FEKA 600 M-NA/T, FEKA VS/VX 550-750-1000-1200 M-NA/T GRINDER 1000-1200-1600 T, GRINDER 1400 M-1800 TFEKA 1400 M-1800 T, FEKA 2015 - 2030.2TNA DN 65 : FEKA 2500.4T, FEKA 2515-FEKA 2500-FEKA 2700.2T	2xDN150,3xDN110, 2xDN50 inlet 1xDN50 ventilation 1xDN40 emergency emptying
FEKAFOS 280 2" 1/2	60114039				

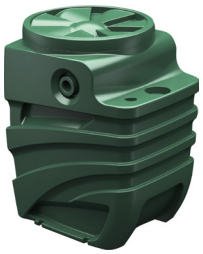


DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E	F	G	H	H1	I	WEIGHT KG.
FEKAFOS 280/...	750	585	99	DN 50/110	125	125	2"	900	690	99	37

NEW FEKABOX/FEKAFOS 200/280 - AVAILABLE FROM APRIL 2014



NEW

DAB PUMPS reserves the right to make modifications without notice

FEKAFOS 280 DOUBLE

AUTOMATIC PUMPING STATION



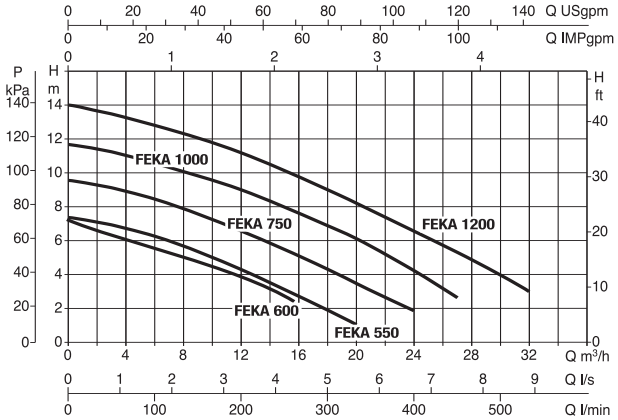
WASTE WATER COLLECTION AND LIFTING

Automatic collection and lifting stations, used for collecting and pumping civil and industrial waste water in sewers.
Comprises a high density 280 litre polythene tank with removable cover complete with a watertight and gastight seal. Fekafos series is suitable only for the use of one or two not automatic single/triphase pumps from the following: **DN 50 (FEKA VS-VX 550 M-NA /T-NA - FEKA VS-VX 750 M-NA /T-NA - FEKA VS-VX 1000 M-NA /T-NA - FEKA VS-VX 1200 M-NA /T-NA) DN 65 (FEKA 2500.4T, FEKA 2515-FEKA 2500-FEKA 2700.2T) to be ordered separately.**

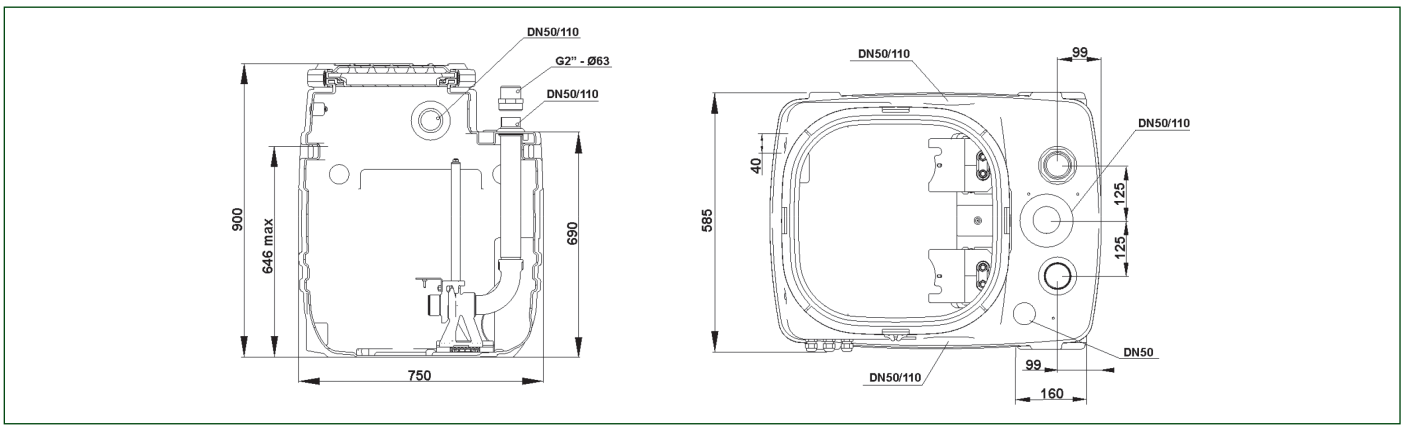
Complete with: 3 bulb floats mounted on a stainless steel support, cable holder for connecting the float and pump cables to the electrical panel (**to order separately according to performance range table**), DN50 and DN110 suction manifolds and 2" delivery manifolds,connector for DN50 vent tube, lifting devices (DSD2) for making pump maintenance easier. An alarm float can be used on request.
Operating range: from 1 to 48 m³/h with a head of up to 23 m
Liquid temperature range: +50°C
Pumped liquid: ground water, rain water, clear waste water, black waste water and water from rivers and lakes.

TECHNICAL DATA

MODEL	CODE	CAPACITY [lt]	DIMENSION [mm]	TO BE USED WITH	DN PIPES [mm]
FEKAFOS 280 2" DOUBLE	60114012	280	750x585x900	DN 50: FEKA VS/VX 550-750-1000-1200 M-NA/T GRINDER 1000-1200-1600 T, GRINDER 1400 M-1800 T FEKA 1400 M-1800 T DN 65: FEKA 2500.4T, FEKA 2515-FEKA 2500-FEKA 2700.2T	2xDN150,3xDN110, 2xDN50 inlet 1xDN50 ventitation 1xDN40 emergengy emptying
FEKAFOS 280 2" 1/2 DOUBLE	60114036				



DIMENSIONS



SUBMERSIBLE PUMPS

FEKAFOS 550

AUTOMATIC PUMPING STATION



WASTE WATER COLLECTION AND LIFTING

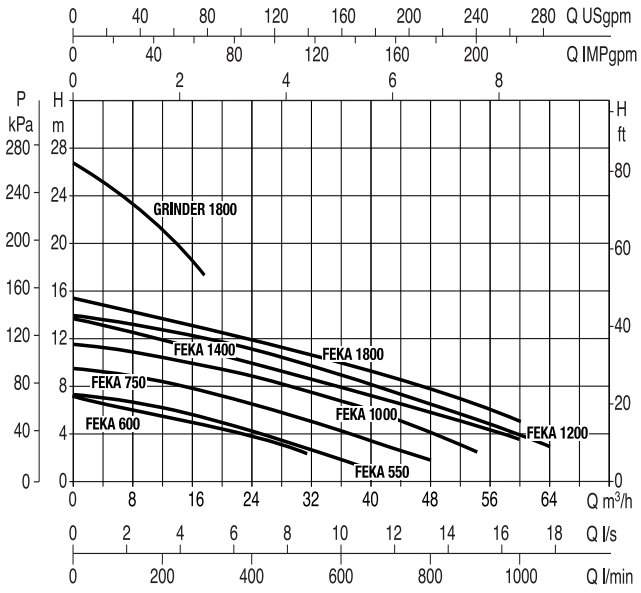
Automatic collection and lifting stations, used for collecting and pumping civil and industrial waste water in sewers. Comprises a high density 550 litre polythene tank with 2 removable covers complete with a watertight and gastight seal.
Fekafos series is suitable only for the use of one or two not automatic single/triphase pumps from the following: **FEKA 600 M-NA/T, FEKA VS/VX 550-750-1000-1200 GRINDER 1000-1200-1600 T, GRINDER 1400 M-1800 T FEKA 1400 M-1800 T, FEKA 2015 - 2030.2TNA) to be ordered separately.**

Complete with: 3 bulb floats mounted on a stainless steel support, cable holder for connecting the float and pump cables to the electrical panel (**to order separately according to performance range table**), DN50 and DN110 suction manifolds and 2" delivery manifolds, connector for DN50 vent tube, 2 lifting devices (DSD2) for making pump maintenance easier. An alarm float can be used on request.
Operating range: from 1 to 39 m^3/h with a head of up to 23 m
Liquid temperature range: +55°C
Pumped liquid: ground water, rain water, clear waste water, black waste water and water from rivers and lakes.

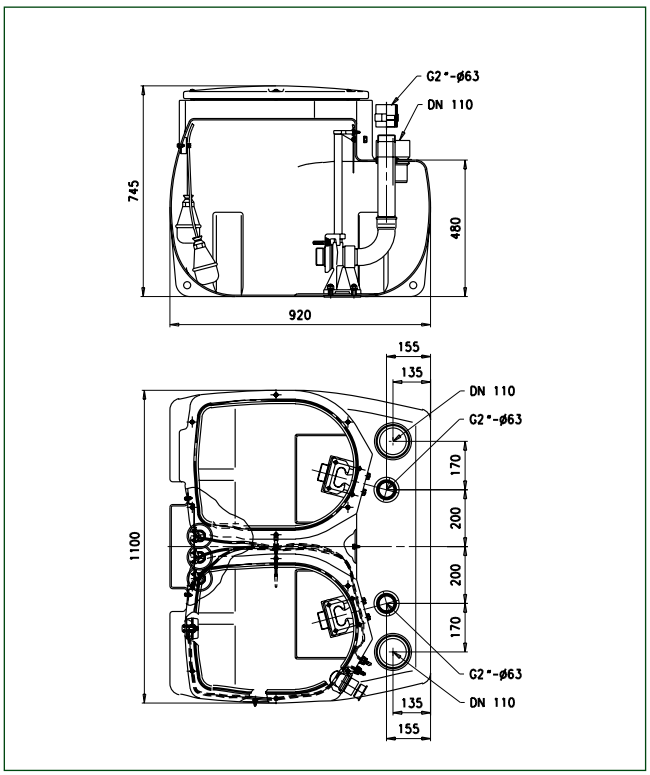
TECHNICAL DATA

MODEL	CODE	CAPACITY [lt]	DIMENSION [mm]	TO BE USED WITH	DN PIPES [mm]	WEIGHT KG.
FEKAFOS 550	**531220220**	550	920x11100x745	FEKA 600 M-NA/T, FEKA VS/VX 550-750-1000-1200 M-NA/T GRINDER 1000-1200-1600 T, GRINDER 1400 M-1800 T FEKA 1400 M-1800 T, FEKA 2015 - 2030.2TNA	2xDN110 inlet 1xDN50 ventilation	94

FEKAFOS 550



DIMENSIONS



SUBMERSIBLE PUMPS

FEKAFOS 1200 - 2000 - 3800

AUTOMATIC PUMPING STATION



CE

WASTE WATER COLLECTION AND LIFTING

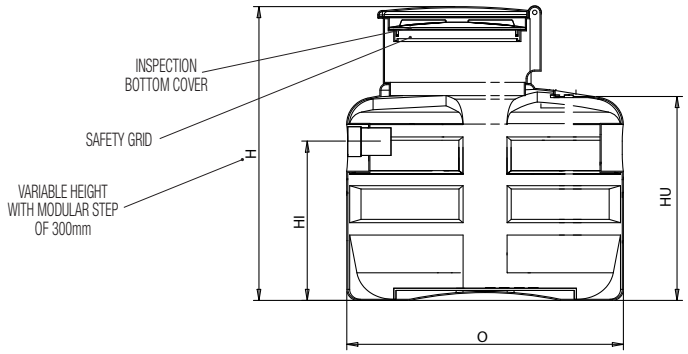
Automatic collection and lifting stations, for outside and underground installation used for collecting and pumping civil and industrial waste water in sewers.
High density 1220, 2000 and 3800 litre polythene tank with double inspection cover and safety grid. Fekafos series is suitable only for the use of one not automatic single/triphase pump from the following:
DN 50_FEKA VS 550-750-1000-1200 T/M-NA; GRINDER 1000-1200-1800 T e GRINDER 1400 M; FEKA 2015-2025-2030 2T DN 65_FEKA 2500 4T, FEKA 2500-2515-2700 2T.

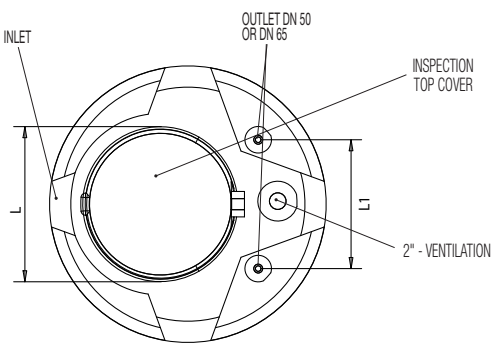
Complete with: 2 DN50 or DN65 (DN 80 on request), 3 bulb floats, DN 160 inlet connections. An alarm float can be used on request.
Valves are not included: 2 bulb valves and 2 gate valves are available in a specific inspectin tank (see accessories).
Operating range: from 1 to 48 m^3/h with a head of up to 23 m
Liquid temperature range: +55°C
Pumped liquid: ground water, rain water, clear waste water, black waste water and water from rivers and lakes.

TECHNICAL DATA

MODEL	CODE	CAPACITY	DIMENSIONS mm	TO BE USED WITH	DN PIPES [mm]	WEIGHT KG.
FEKAFOS 1200 CP 2"	**60148424**	1200	ø 1250 x 1420	FEKA VS 550-750-1000-1200 T/M-NA FEKA 1400 M-1800 T FEKA 2015-2025-2030 2T GRINDER 1000-1200 -1600 T GRINDER 1400 M-1800 T	1xDN160 inlet 1x 2" ventilation	110
FEKAFOS 1200 CP DN 65	**60148584**	1200	ø 1250 x 1420	FEKA 2500 4T, FEKA 2500-2515-2700 2T	1xDN160 inlet 1x 2" ventilation	110
FEKAFOS 2000 CP 2"	**60148585**	2000	ø 1250 x 2300	FEKA VS 550-750-1000-1200 T/M-NA FEKA 1400 M-1800 T FEKA 2015-2025-2030 2T GRINDER 1000-1200 -1600 T GRINDER 1400 M-1800 T	1xDN160 inlet 1x 2" ventilation	150
FEKAFOS 2000 CP DN 65	**60148586**	2000	ø 1250 x 2300	FEKA 2500 4T, FEKA 2500-2515-2700 2T	1xDN160 inlet 1x 2" ventilation	150
FEKAFOS 3800 CP 2"	**60148588**	3800	ø 1800 x 1860	FEKA VS 550-750-1000-1200 T/M-NA FEKA 1400 M-1800 T FEKA 2015-2025-2030 2T GRINDER 1000-1200 -1600 T GRINDER 1400 M-1800 T	1xDN160 inlet 1x 2" ventilation	170
FEKAFOS 3800 CP DN 65	**60148589**	3800	ø 1800 x 1860	FEKA 2500 4T, FEKA 2500-2515-2700 2T	1xDN160 inlet 1x 2" ventilation	170

DIMENSIONS





MODEL	H	HI	HU	Ø	L	L1
FEKAFOS 1200	1420	730	1050	1250	680	520
FEKAFOS 2000	2300	1620	1930	1250	680	520
FEKAFOS 3800	1860	1270	1490	1800	680	600

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STATION MODEL	CODE	PUMP MODEL	CODE	CONTROL PANEL MODEL	CODE
FEKABOX 110	60123162	FEKA 600 M-A	103022214		
		FEKA VS 550 M-A	103040000		
		FEKA VS 750 M-A	103040040		
		FEKA VX 550 M-A	103045000		
		FEKA VX 750 M-A	103045040		
		FEKA GL 750 M-A	60141715		
FEKABOX 200	60116632	FEKA 600 M-A	103022214		
		FEKA VS 550 M-A	103040000		
		FEKA VS 750 M-A	103040040		
		FEKA VX 550 M-A	103045000		
		FEKA VX 750 M-A	103045040		
		FEKA VS 1000 M-A	103040080		
		FEKA VS 1200 M-A	103040120		
		FEKA VX 1000 M-A	103045080		
		FEKA VX 1200 M-A	103045120		
		FEKA GL 750 M-A	60141715		
		FEKA GL1000 M-A	60141718		
FEKABOX 280	60114028	FEKA 600 M-A	103022214		
		FEKA VS 550 M-A	103040000		
		FEKA VS 750 M-A	103040040		
		FEKA VS 1000 M-A	103040080		
		FEKA VS 1200 M-A	103040120		
		FEKA VX 550 M-A	103045000		
		FEKA VX 750 M-A	103045040		
		FEKA VX 1000 M-A	103045080		
		FEKA VX 1200 M-A	103045120		
FEKAFOS 200	60114041	FEKA 600 T-NA	103000054	ED1T	108320330
		FEKA VS 550 M-NA	103040010	ED1,3M	108320320
		FEKA VS 550 T-NA	103040020	ED1T	108320330
		FEKA VS 750 M-NA	103040050	ED1,3M	108320320
		FEKA VS 750 T-NA	103040060	ED1T	108320330
		FEKA VS 1000 M-NA	103040090	ED1,3M	108320320
		FEKA VS 1000 T-NA	103040100	ED1,5T	108320340
		FEKA VS 1200 M-NA	103040130	ED1,3M	108320320
		FEKA VS 1200 T-NA	103040140	ED1,5T	108320340
		FEKA VX 550 M-NA	103045010	ED1,3M	108320320
		FEKA VX 550 T-NA	103045020	ED1T	108320330
		FEKA VX 750 M-NA	103045050	ED1,3M	108320320
		FEKA VX 750 T-NA	103045060	ED1T	108320330
		FEKA VX 1000 M-NA	103045090	ED1,3M	108320320
		FEKA VX 1000 T-NA	103045100	ED1,5T	108320340
		FEKA VX 1200 M-NA	103045130	ED1,3M	108320320
		FEKA VX 1200 T-NA	103045140	ED1,5T	108320340
		GRINDER 1400 M	103010440	ED3MHS	108320370
		GRINDER 1800 T	103010560	ED1,5T	108320340
		GRINDER 1000 T	60141602	ED2,5T	108320350
		GRINDER 1200 T	60141599	ED2,5T	108320350
		GRINDER 1600 T	60141588	ED4T	108320610
		FEKA GL 750 M-NA	60141716	ED1,3M	108320320
		FEKA GL 1000 M-NA	60141719	ED1,3M	108320320



FEKABOX 110 lt.



FEKABOX 200 lt.



FEKABOX 280 lt.



FEKAFOS 200 lt.

Tank, pump and control panel are supplied separately and must be ordered separately.

DAB PUMPS reserves the right to make modifications without notice

SELECTION TABLES

STATION, PUMP AND CONTROL PANELS

STATION MODEL	CODE	PUMP MODEL	CODE	CONTROL PANEL MODEL	CODE
FEKAFOS 280 2"	60114026	FEKA 600 T-NA	103000054	ED1T	108320330
		FEKA VS 550 M-NA	103040010	ED1,3M	108320320
		FEKA VS 550 T-NA	103040020	ED1T	108320330
		FEKA VS 750 M-NA	103040050	ED1,3M	108320320
		FEKA VS 750 T-NA	103040060	ED1T	108320330
		FEKA VS 1000 M-NA	103040090	ED1,3M	108320320
		FEKA VS 1000 T-NA	103040100	ED1,5T	108320340
		FEKA VS 1200 M-NA	103040130	ED1,3M	108320320
		FEKA VS 1200 T-NA	103040140	ED1,5T	108320340
		FEKA VX 550 M-NA	103045010	ED1,3M	108320320
		FEKA VX 550 T-NA	103045020	ED1T	108320330
		FEKA VX 750 M-NA	103045050	ED1,3M	108320320
		FEKA VX 750 T-NA	103045060	ED1T	108320330
		FEKA VX 1000 M-NA	103045090	ED1,3M	108320320
		FEKA VX 1000 T-NA	103045100	ED1,5T	108320340
		FEKA VX 1200 M-NA	103045130	ED1,3M	108320320
		FEKA VX 1200 T-NA	103045140	ED1,5T	108320340
		GRINDER 1400 M	103010440	ED3MHS	108320370
		GRINDER 1800 T	103010560	ED1,5T	108320340
		GRINDER 1000 T	60141602	ED2,5T	108320350
		GRINDER 1200 T	60141599	ED2,5T	108320350
		GRINDER 1600 T	60141588	ED4T	108320610
		FEKA 1400 M	103010240	ED1,3M	108320320
		FEKA 1800 T	103010360	ED1,5T	108320340
		FEKA 2015.2TNA	60145480	ED1,5T	108320340
		FEKA 2030.2TNA	60145482	ED2,5T	108320350



FEKAFOS 280 lt.

STATION MODEL	CODE	PUMP MODEL	CODE	CONTROL PANEL MODEL	CODE	MODEL CONTROL PANEL	CODE
FEKAFOS 280 DOUBLE	60114012	FEKA VS 550 M-NA	103040010	E2D2,6M	108320400	E-BOX 2D M/T	60114868
		FEKA VS 550 T-NA	103040020	E2D2T	-		
		FEKA VS 750 M-NA	103040050	E2D2,6M	108320400		
		FEKA VS 750 T-NA	103040060	E2D2T	-		
		FEKA VS 1000 M-NA	103040090	E2D2,6M	108320400		
		FEKA VS 1000 T-NA	103040100	E2D3T	108320450		
		FEKA VS 1200 M-NA	103040130	E2D2,6M	108320400		
		FEKA VS 1200 T-NA	103040140	E2D3T	108320450		
		FEKA VX 550 M-NA	103045010	E2D2,6M	108320400		
		FEKA VX 550 T-NA	103045020	E2D2T	-		
		FEKA VX 750 M-NA	103045050	E2D2,6M	108320400		
		FEKA VX 750 T-NA	103045060	E2D2T	-		
		FEKA VX 1000 M-NA	103045090	E2D2,6M	108320400		
		FEKA VX 1000 T-NA	103045100	E2D3T	108320450		
		FEKA VX 1200 M-NA	103045130	E2D2,6M	108320400		
		FEKA VX 1200 T-NA	103045140	E2D3T	108320450		
		GRINDER 1400 M	103010440	E2D6MHS	108320420	-	-
		GRINDER 1800 T	103010560	E2D3T	108320450	E-BOX 2D M/T	60114868
		GRINDER 1000 T	60141602	E2D5T	108320460		
		GRINDER 1200 T	60141599	E2D5T	108320460		
		GRINDER 1600 T	60141588	E2D8T	108320710		
		FEKA 1400 M	103010240	E2D2,6M	108320400	E-BOX 2D 40uF	60114869
		FEKA 1800 T	103010360	E2D3T	108320450	E-BOX 2D M/T	60114868



FEKAFOS 280 lt. Double

Tank, pump and control panel are supplied separately and must be ordered separately.

STATION MODEL	CODE	PUMP MODEL	CODE	CONTROL PANEL MODEL	CODE	MODEL CONTROL PANEL	CODE
FEKAFOS 550	531220220	FEKA 600 T-NA	103000054	E2D3T	108320450		
		FEKA VS 550 M-NA	103040010	E2D2,6M	108320400		
		FEKA VS 550 T-NA	103040020	E2D2T	-		
		FEKA VS 750 M-NA	103040050	E2D2,6M	108320400		
		FEKA VS 750 T-NA	103040060	E2D2T	-		
		FEKA VS 1000 M-NA	103040090	E2D2,6M	108320400		
		FEKA VS 1000 T-NA	103040100	E2D3T	108320450		
		FEKA VS 1200 M-NA	103040130	E2D2,6M	108320400		
		FEKA VS 1200 T-NA	103040140	E2D3T	108320450		
		FEKA VX 550 M-NA	103045010	E2D2,6M	108320400		
		FEKA VX 550 T-NA	103045020	E2D2T	-		
		FEKA VX 750 M-NA	103045050	E2D2,6M	108320400		
		FEKA VX 750 T-NA	103045060	E2D2T	-		
		FEKA VX 1000 M-NA	103045090	E2D2,6M	108320400		
		FEKA VX 1000 T-NA	103045100	E2D3T	108320450		
		FEKA VX 1200 M-NA	103045130	E2D2,6M	108320400		
		FEKA VX 1200 T-NA	103045140	E2D3T	108320450		
		GRINDER 1400 M	103010440	E2D6MHS	108320420	E-BOX 2D 40uF	60114869
		GRINDER 1800 T	103010560	E2D3T	108320450	E-BOX 2D M/T	60114868
		GRINDER 1000 T	60141602	E2D5T	108320460		
		GRINDER 1200 T	60141599	E2D5T	108320460		
		GRINDER 1600 T	60141588	E2D8T	108320710		
		FEKA 1400 M	103010240	E2D2,6M	108320400		
		FEKA 1800 T	103010360	E2D3T	108320450		
		FEKA 2015.2 TNA	60145480	E2D3T	108320450		
		FEKA 2030.2 TNA	60145482	E2D5T	108320460		
FEKAFOS 1200 CP 2"	60148424	FEKA VS 550 M-NA	103040010	E2D2,6M	108320400	E-BOX 2D M/T	60114868
		FEKA VS 550 T-NA	103040020	E2D2T	-		
		FEKA VS 750 M-NA	103040050	E2D2,6M	108320400		
		FEKA VS 750 T-NA	103040060	E2D2T	-		
		FEKA VS 1000 M-NA	103040090	E2D2,6M	108320400		
		FEKA VS 1000 T-NA	103040100	E2D3T	108320450		
		FEKA VS 1200 M-NA	103040130	E2D2,6M	108320400		
		FEKA VS 1200 T-NA	103040140	E2D3T	108320450		
		GRINDER 1400 M	103010440	E2D6MHS	108320420	E-BOX 2D 40uF	60114869
		GRINDER 1000 T	60141602	E2D5T	108320460	E-BOX 2D M/T	60114868
		GRINDER 1200 T	60141599	E2D5T	108320460		
		FEKA 2015.2 TNA	60145480	E2D3T	108320450		
		FEKA 2025.2 TNA	60145481	E2D5T	108320460		
		FEKA 2030.2 TNA	60145482	E2D5T	108320460		
		GRINDER 1600 T	60141588	E2D8T	108320710		
		FEKA 1400 M	103010240	E2D2,6M	108320400		
		FEKA 1800 T	103010360	E2D3T	108320450		



FEKAFOS 550



FEKAFOS 1200

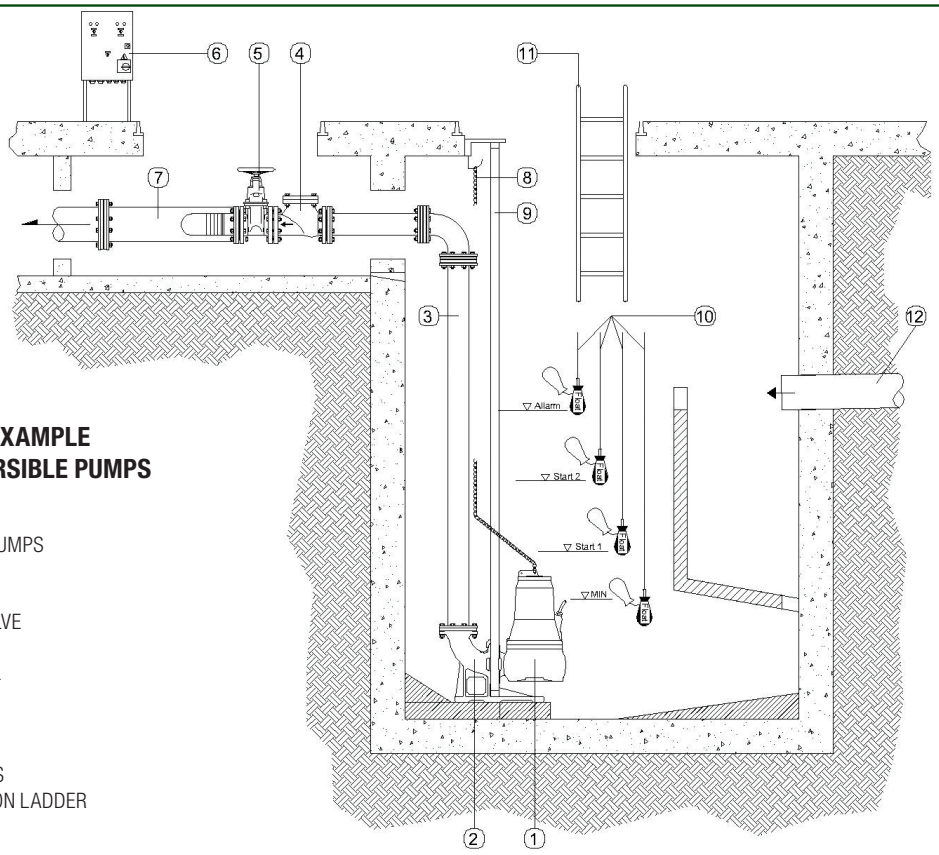
Tank, pump and control panel are supplied separately and must be ordered separately.

STATION MODEL	CODE	PUMP MODEL	CODE	MODEL QUADRO ELETTRICO	CODE	MODEL CONTROL PANEL	CODE
FEKAFOS 1200 CP DN65	60148584	FEKA 2500.4T D	103018080	E2D5T	108320460	E-BOX 2D M/T	60114868
		FEKA 2515.2T D	60141726	E2D3T	108320450		
		FEKA 2500.2T D	103018000	E2D5T	108320460		
		FEKA 2700.2T D	103018040	E2D5T	108320460		
FEKAFOS 2000 CP 2"	60148585	FEKA VS 550 M-NA	103040010	E2D2,6M	108320400	E-BOX 2D M/T	60114868
		FEKA VS 550 T-NA	103040020	E2D2T	-		
		FEKA VS 750 M-NA	103040050	E2D2,6M	108320400		
		FEKA VS 750 T-NA	103040060	E2D2T	-		
		FEKA VS 1000 M-NA	103040090	E2D2,6M	108320400		
		FEKA VS 1000 T-NA	103040100	E2D3T	108320450		
		FEKA VS 1200 M-NA	103040130	E2D2,6M	108320400		
		FEKA VS 1200 T-NA	103040140	E2D3T	108320450		
		GRINDER 1400 M	103010440	E2D6MHS	108320420	E-BOX 2D 40uF	60114869
		GRINDER 1000 T	60141602	E2D5T	108320460	E-BOX 2D M/T	60114868
		GRINDER 1200 T	60141599	E2D5T	108320460		
		GRINDER 1600 T	60141588	E2D8T	108320710		
		FEKA 2015.2 TNA	60145480	E2D3T	108320450		
		FEKA 2025.2 TNA	60145481	E2D5T	108320460		
		FEKA 2030.2 TNA	60145482	E2D5T	108320460		
		FEKA 1400 M	103010240	E2D2,6M	108320400	E-BOX 2D 40uF	60114869
		FEKA 1800 T	103010360	E2D3T	108320450		
FEKAFOS 2000 CP DN65	60148586	FEKA 2500.4T D	103018080	E2D5T	108320460	E-BOX 2D M/T	60114868
		FEKA 2515.2T D	60141726	E2D3T	108320450		
		FEKA 2500.2T D	103018000	E2D5T	108320460		
		FEKA 2700.2T D	103018040	E2D5T	108320460		
FEKAFOS 3800 CP 2"	60148588	FEKA VS 550 M-NA	103040010	E2D2,6M	108320400	E-BOX 2D M/T	60114868
		FEKA VS 550 T-NA	103040020	E2D2T	-		
		FEKA VS 750 M-NA	103040050	E2D2,6M	108320400		
		FEKA VS 750 T-NA	103040060	E2D2T	-		
		FEKA VS 1000 M-NA	103040090	E2D2,6M	108320400		
		FEKA VS 1000 T-NA	103040100	E2D3T	108320450		
		FEKA VS 1200 M-NA	103040130	E2D2,6M	108320400		
		FEKA VS 1200 T-NA	103040140	E2D3T	108320450		
		GRINDER 1400 M	103010440	E2D6MHS	108320420	E-BOX 2D 40uF	60114869
		GRINDER 1000 T	60141602	E2D5T	108320460	E-BOX 2D M/T	60114868
		GRINDER 1200 T	60141599	E2D5T	108320460		
		GRINDER 1600 T	60141588	E2D8T	108320710		
		FEKA 2015.2 TNA	60145480	E2D3T	108320450		
		FEKA 2025.2 TNA	60145481	E2D5T	108320460		
		FEKA 2030.2 TNA	60145482	E2D5T	108320460		
		FEKA 1400 M	103010240	E2D2,6M	108320400		
		FEKA 1800 T	103010360	E2D3T	108320450		
FEKAFOS 3800 CP 2" DN65	60148589	FEKA 2500.4T D	103018080	E2D5T	108320460	E-BOX 2D M/T	60114868
		FEKA 2515.2T D	60141726	E2D3T	108320450		
		FEKA 2500.2T D	103018000	E2D5T	108320460		
		FEKA 2700.2T D	103018040	E2D5T	108320460		



FEKAFOS
1200 -2000 - 3800

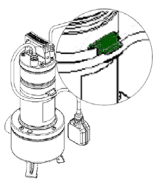
PUMPING STATIONS ACCESSORIES
PROTECTION AND CONTROL PANELS

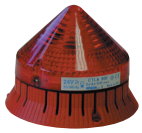


INSTALLATION EXAMPLE OF TWO SUBMERSIBLE PUMPS

KEY:

1 SUBMERSIBLE PUMPS
2 BASE ELBOW
3 DISCHARGE PIPE
4 BALL CHECK VALVE
5 GATE VALVE
6 CONTROL PANEL
7 MANIFOLD
8 LIFTING CHAIN
9 DROP PIPE
10 LEVEL SWITCHES
11 SUMP INSPECTION LADDER
12 INTAKE PIPE

FLOATS	DRENAG / NOVA	DIG	GRINDER	FEKA	SOCCORRER	FEKABOX / FEKAFOS	DESCRIPTION		CODE
	•	•	•	•	•		FLOAT KEY	5 meters	159260030
								10 meters	159260040
								15 meters	159260050
								20 meters	159260070
			•	•		•	BULB-FLOAT	10 meters	002718000
								20 meters	002718001
	•	•	•	•	•		FLOAT SWICH COUNTERWEIGHT - 300 gr		002910501
				•		•	FLOAT CABLE STOP KIT FOR FEKA VS-VX		147121370

ALARMS AND CONTROL	DRENAG / NOVA	DIG	GRINDER	FEKA	SOCCORRER	FEKABOX / FEKAFOS	DESCRIPTION	CODE
	•	•	•	•			AS 1 CONTROL - WITH ALARM DEVICE	108310000
	•	•	•	•		•	ACUSTIC ALARM - 230 V - 50HZ	002789002
					•		SOCCORRER ACUSTIC & VISUAL ALLARM	60113217

PROTECTION AND CONTROL	DRENAG / NOVA	DIG	GRINDER	FEKA	SOCCORRER	FEKABOX / FEKAFOS	DESCRIPTION	CODE
	•			•	•		CONTROL MDN (ONLY FOR GRENAG/FEKA 1400M)	108300030

TRASDUCERS	DRENAG / NOVA	DIG	GRINDER	FEKA	DESCRIPTION	CODE
	•	•	•		PRESSURE TRASDUCER 0-5 mt- CABLE 20 MT. For E-Box	60114675

SHACKLE KITS	DRENAG / NOVA	DIG	GRINDER	FEKA	FEKABOX / FEKAFOS	DESCRIPTION	CODE
	•		•	•	•	SHACKLE KIT WITH 5 meter CHAIN	141300010
						SHACKLE KIT WITH 10 meter CHAIN	141300030

DAB PUMPS reserves the right to make modifications without notice

PUMPING STATIONS ACCESSORIES

TEAR PROOF CABLES	DRENAG / NOVA	DIG	GRINDER	FEKA	FEKABOX / FEKAFOS	DESCRIPTION	CODE
		●				TEAR PROOF CABLE (10 MT.) 3G 1,5 MM2 FOR DIG 1100-2200	7DIG0099
		●				TEAR PROOF CABLE (10 MT.) 4G 1,5 MM2 FOR DIG 1100-2200	7DIG0100
		●				CTEAR PROOF CABLE (10 MT.) 4G 2,5 MM2 FOR DIG 3700-5500	7DIG0098
		●				TEAR PROOF CABLE (10 MT.) 4G 6 MM2 FOR DIG 8500-11000	7DIG0096

BALL NON-RETURN VALVES	DRENAG / NOVA	DIG	GRINDER	FEKA	FEKABOX / FEKAFOS	DESCRIPTION	CODE
	●			●		PVC NON-RETURN VALVE (BALL) 1" ¼ - THREADED	002130285
	●			●		PVC NON-RETURN VALVE (BALL) 1" ½ - THREADED	002130286
	●		●	●	●	PVC NON-RETURN VALVE (BALL) 2" - THREADED	002130287
	●					PVC NON-RETURN VALVE (BALL) 1" ¼ - THREADED	60160625
	●					NON RETURN VALVE (BALL) 1" ½ - THREADED	60160626
	●		●	●	●	NON RETURN VALVE (BALL) 2" - THREADED	60160627
	●			●		NON RETURN VALVE (BALL) 2" ½ - THREADED	60160628
			●	●	●	DN50 NON RETURN VALVE (BALL)	60160629
				●	●	DN65 NON RETURN VALVE (BALL)	60160630
				●		DN 80 NON RETURN VALVE (BALL)	60160631
				●		DN100 NON RETURN VALVE (BALL)	60160632
				●		DN 150 NON RETURN VALVE (BALL)	60160633
				●		DN200 NON RETURN VALVE (BALL)	60160634

REFLOW KIT	DRENAG / NOVA	DIG	GRINDER	FEKA	FEKABOX / FEKAFOS	DESCRIPTION	CODE
	●		●	●	●	REFLOW KIT	538860000

CHECK VALVES	DRENAG / NOVA	DIG	GRINDER	FEKA	FEKABOX / FEKAFOS	DESCRIPTION	CODE
				●		CHECK VALVE FLANGED DN 50	60163811
				●		CHECK VALVE FLANGED DN 65	60163812
				●		CHECK VALVE FLANGED DN 80	60163813
				●		CHECK VALVE FLANGED DN 100	60163814
				●		CHECK VALVE FLANGED DN 150	60163815
				●		CHECK VALVE FLANGED DN 200	60163816

COUNTERFLANGE KIT	DRENAG / NOVA	DIG	GRINDER	FEKA	FEKABOX / FEKAFOS	DESCRIPTION	CODE
			●	●		COUNTER FLANGE KIT DN 50-80-100-150 PN 16	on request

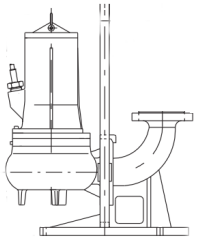
COUPLINGS	DRENAG / NOVA	DIG	GRINDER	FEKA	FEKABOX / FEKAFOS	DESCRIPTION	CODE
		●				COUPLING 3" FOR DIG 3700-5500	7DIG0170
		●				COUPLING 4" FOR DIG 3700-5500	7DIG0171
		●				COUPLING 4" FOR DIG 8500 - 11000	7DIG0290
		●				COUPLING 6" FOR DIG 8500 - 11000	7DIG0291

SUPPORT PLATE	DRENAG / NOVA	DIG	GRINDER	FEKA	FEKABOX / FEKAFOS	DESCRIPTION	CODE
			●	●		SUPPORT PLATE KIT FOR: - GRINDER - FEKA 1400 - 1800 - FEKA VS	147120640

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PUMPING STATIONS ACCESSORIES

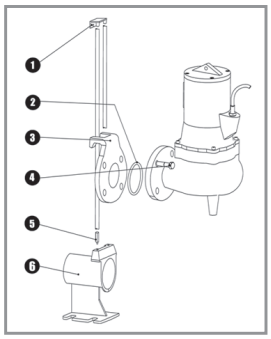
LIFTING DEVICES	DRENAG / NOVA	DIG	GRINDER	FEKA	FEKABOX / FEKAFOS	DESCRIPTION	CODE
	•		•	•		DSD2 - LIFTING DEVICE (MODELS 1400 - 1800 ONLY)	109530060
				•		DSD2- LIFTING DEVICE FOR FEKA VS 550-1200	109530080
				•		ANTIROTATION BRACKET FOR FEKA VS-VX	147121490
	•					DRENAG SHIM KIT	147120680

LIFTING DEVICES	DRENAG / NOVA	DIG	GRINDER	FEKA	FEKABOX / FEKAFOS	DESCRIPTION	CODE
			•	•		LIFTING UNIT FOR GRINDER AND FEKA 2000 DN 50	60149348
				•		LIFTING UNIT FOR FEKA 2500 DN 65	109530120
				•		LIFTING UNIT FOR FEKA 3000 DN 80	109530130
				•		LIFTING UNIT FOR FEKA 4000 DN 100	109530140
				•		LIFTING UNIT FOR FEKA 6000 DN 150	109530150
				•		LIFTING UNIT FOR FEKA 8000 DN 200	60141748

GUIDE TUBES NOT INCLUDED

ADAPTERS	DRENAG / NOVA	DIG	GRINDER	FEKA	FEKABOX / FEKAFOS	DESCRIPTION	CODE
				•		DN 65 ADAPTER	109620200
				•		DN 80 ADAPTER	109620210
				•		DN 100 ADAPTER	109620220

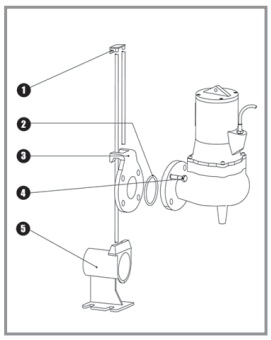
LIFTING UNIT FOR FEKA 2000 - 2”



With:

Pos. Description
1. Upper clamp for guide tubes
2. Gasket
3. Slide
4. Screw
5. Fixing hexagon
6. Threaded fastening foot

LIFTING UNIT FOR FEKA 2500 - 2”½

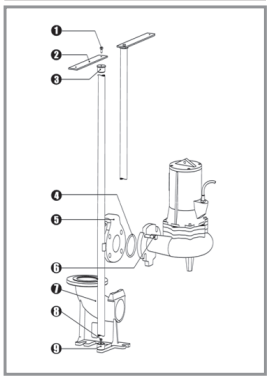


With:

Pos. Description

1. Upper clamp for guide tubes
2. Gasket
3. Slide
4. Screw
5. Threaded fastening foot

LIFTING UNIT FOR FEKA 3000 - DN 80 / FEKA 4000- DN 100

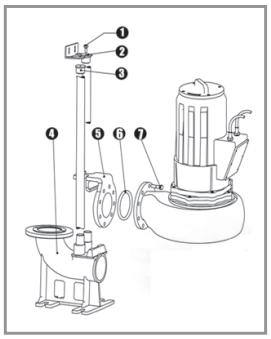


With:

Pos. Description

1. Screw
2. Upper clamp for guide tubes
3. Cylinder
4. Gasket
5. Slide
6. Screw
7. Flanged fastening foot
8. Screw
9. Lower Cylinder

LIFTING UNIT FOR FEKA 6000 - DN 150 / FEKA 8000- DN 200



With:

Pos. Description

1. Screw
2. Upper clamp for guide tubes
3. Cylinder
4. Gasket
5. Slide
6. Gasket
7. Flanged fastening foot

STEPS	DRENAG / NOVA	DIG	GRINDER	FEKA	FEKABOX / FEKAFOS	DESCRIPTION	CODE
					●	STEP - 300 MM. HIGH (ONLY FOR FEKAFOS 550)	564069600
					●	STEP - 300 MM. HIGH (ONLY FOR FEKAFOS 1200-2000-3800)	60161282

BATTERIES	DRENAG / NOVA	DIG	GRINDER	FEKA	SOCCORRER	FEKABOX / FEKAFOS	DESCRIPTION	CODE
					●		BATTERY 45 AH AUTOMOTIVE	60112707
					●		BATTERY 60 AH AUTOMOTIVE	60112708
					●		BATTERY 100 AH AUTOMOTIVE	60112709
					●		BATTERY 180 AH AUTOMOTIVE	60112752
					●		BATTERY 60 AH HERMETIC	60112710
					●		BATTERY 90 AH HERMETIC	60112711
					●		BATTERY SUPPORT	60112705

BATTERY SUPPORT ONLY FOR 100 AH, 45 AH, 60 AH MODEL

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E-BOX PANELS FOR 1 / 2 PUMPS

Electric panel for the protection and automatic operation through the floating level sensor or two single-phase or three-phase electric submersible pumps (direct start) installed in pairs.

Thanks to the possibility of adjusting the current pump, e.box framework is compatible with all models with a current comprised between 1 and 12 A

- Ideal for filling/draining stations
- designed for Single-phase and three-phase pumps
- Working with float switches (max.5) (2/3 functions, 2 protections)
- Working with level probes (max.5) (2/3 functions, 2 protections)
- Working with depths sensors(0-10V / 4...20mA)
- Adjustable integrated Amperometric protection
- Exchange of the pumps starting order (each start)

TECHNICAL DATA

MODEL	CODE	VOLTAGE 50 HZ	STARTING	NOMINAL P2		MAX CURRENT A	N° CONNECTABLE FLOATS
				kW x2	HP x2		
E-BOX 2D M/T 12 A (for 2 single or three phase pumps)	60114868	1 X 230 V	DIRECT	2,2	3	12+12	2 to 5
		3 X 230 V		3	4		
		3 X 400 V		5,5	7,5		
E-BOX 2D M 40 mF 12 A (for 2 single phase pumps)	60114869	1 X 230 V	DIRECT	2,2	3	12+12	2 to 5

NEW E-BOX AVAILABLE IN APRIL 2014



NEW

ELECTROMECHANICAL PROTECTION AND CONTROL PANELS



ED1,3M



ED1,5T

ED - PANELS FOR 1 PUMP

Supplied on the box in self-extinguishing thermoplastic material, complete with brackets for wall mounting. The framework is self-protected and protects the pump from overload, short circuits with manual reset. The models ED3M, ED3MHS, from ED2,5 to ED30T SD can handle the signal over temperature protection if the pump is provided with it.
The models ED3MHS and ED2, 4MHS are provided with additional electrolytic condenser for high startup torque.

Complete with:
- Power line switch with pad lockable door handle (except in single-phase version)
- Self-protected transformer for the power supply of the external controls
- Terminals for connecting the electric pump and the float / pressure control switches
- Terminals without potential for controlling alarm and remote installation of an audible / visual alarm
- Button on the front panel for manual operation (single phase versions)
- Switch on the front panel for manual operation - 0 - Automatic
- Amperometric protection reports
- Pump running indicator
- Voltage indicator
-Limits of use ambient temperature: -10° C +40° C
-Degree of protection IP55

TECHNICAL DATA

MODEL	CODE	VOLTAGE 50 HZ	STARTING	NOMINAL P2		MAX CURRENT A	N° CONNECTABLE FLOATS
				kW	HP		
ED1,3M	108320320	1 X 230 V	DIRECT	1	1,36	9	1 or 2
ED1,6M	108320380	1 X 230 V	DIRECT	1,2	1,6	12	1 or 2
ED2,4M	108320490	1 X 230 V	DIRECT	1,8	2,4	15,5	1 or 2
ED3M	108320360	1 X 230 V	DIRECT	1,1	1,5	12	1 or 2
ED3MHS	108320370	1 X 230 V	DIRECT	1,1	1,5	12	1 or 2
ED2,4MHS	on request	1 X 230 V	DIRECT	1,8	2,4	15,5	1 or 2
ED1T	108320330	3 x 400 V	DIRECT	0,74	1	2,5	1 or 2
ED1,5T	108320340	3 x 400 V	DIRECT	1,1	1,5	4	1 or 2
ED2,5T	108320350	3 x 400 V	DIRECT	1,8	2,5	6,3	1 or 2
ED4T	108320610	3 x 400 V	DIRECT	3	4	9	1 or 2
ED7,5T	108320630	3 x 400 V	DIRECT	5,5	7,5	12	1 or 2
ED8T	108320640	3 x 400 V	DIRECT	6	8	15,5	1 or 2
ED15T	108320650	3 x 400 V	DIRECT	11	15	32	1 or 2
ED7,5T SD	108320840	3 x 400 V	Y/Δ	5,5	7,5	16	1 or 2
ED15T SD	108320670	3 x 400 V	Y/Δ	11	15	23	1 or 2
ED20T SD	108320680	3 x 400 V	Y/Δ	15	20	23	1 or 2
ED25T SD	108320690	3 x 400 V	Y/Δ	18,5	25	38	1 or 2
ED30T SD	108320700	3 x 400 V	Y/Δ	22	30	47	1 or 2

DAB PUMPS reserves the right to make modifications without notice



ED2,6M



E2D3T

E2D - PANEL FOR 2 PUMPS

Supplied on the box in self-extinguishing thermoplastic material and in metal models E2D50TSD and E2D60TSD, complete with brackets for wall mounting.
The framework is self-protected and protects the pump from overload, short circuits with manual reset. The models E2D6M, E2D6MHS, from E2D5T to E2D60T SD can handle the signal over temperature protection if the pump is provided with it.
The models E2D6MHS IS provided with additional electrolytic condenser for high startup torque.

Complete with:
- Power line switch with pad lockable door handle (except in single-phase version)
- Self-protected transformer for the power supply of the external controls
- Exchange model for the alternation of starting pumps
- Terminals for connecting the electric pump and the float / pressure control switches
- Terminals without potential for controlling alarm and remote installation of an audible / visual alarm
- Button on the front panel for manual operation (single phase versions)
- Switch on the front panel for manual operation - 0 - Automatic
- Amperometric protection reports
- Pump running indicator
- Voltage indicator
-Limits of use ambient temperature: -10° C +40° C
-Degree of protection IP55

TECHNICAL DATA

MODEL	CODE	VOLTAGE 50 HZ	STARTING	NOMINAL P2		MAX CURRENT A	N° CONNECTABLE FLOATS
				kW	HP		
E2D2,6M	**108320400**	1 X 230 V	DIRECT	1+1	1,36+1,36	9	2 or 3
E2D6M HS	**108320420**	1 X 230 V	DIRECT	1,1+1,1	1,5+1,5	12	2 or 3
E2D3T	**108320450**	3 x 400 V	DIRECT	1,1+1,1	1,5+1,5	4	2 or 3
E2D5T	**108320460**	3 x 400 V	DIRECT	1,8+1,8	2,5+2,5	6,3	2 or 3
E2D8T	**108320710**	3 x 400 V	DIRECT	3+3	4+4	9	2 or 3
E2D15T	**108320730**	3 x 400 V	DIRECT	5,5+5,5	7,5+7,5	11,5	2 or 3
E2D16T	**108320740**	3 x 400 V	DIRECT	6+6	8+8	11,5	2 or 3
E2D30T	**108320750**	3 x 400 V	DIRECT	11+11	15+15	32	2 or 3
E2D15T SD	**108320850**	3 x 400 V	Y/Δ	5,5+5,5	7,5+7,5	11,5	2 or 3
E2D30T SD	**108320770**	3 x 400 V	Y/Δ	11+11	15+15	22,5	2 or 3
E2D40T SD	**108320780**	3 x 400 V	Y/Δ	15+15	20+20	28	2 or 3
E2D50T SD	**108320790**	3 x 400 V	Y/Δ	18,5+18,5	25+25	38	2 or 3
E2D60T SD	**108320800**	3 x 400 V	Y/Δ	22+22	30+30	45	2 or 3

E3D - PANELS FOR 3 PUMPS



E3D4,5T

Supplied on the box in self-extinguishing thermoplastic material and in metal model E3D22,5TSD, complete with brackets for wall mounting.
The framework is self-protected and protects the pump from overload, short circuits with manual reset. The models E3D9M, E9D6MHS, from E3D12T to E3D90T SD can handle the signal over temperature protection if the pump is provided with it.
The models E3D9MHS is provided with additional electrolytic condenser for high startup torque.

Complete with:
- Power line switch with pad lockable door handle (except in single-phase version)
- Self-protected transformer for the power supply of the external controls
- Exchange model for the alternation of starting pumps
- Terminals for connecting the electric pump and the float / pressure control switches
- Terminals without potential for controlling alarm and remote installation of an audible / visual alarm
- Button on the front panel for manual operation (single phase versions)
- Switch on the front panel for manual operation - 0 - Automatic
- Amperometric protection reports
- Pump running indicator
- Voltage indicator
-Limits of use ambient temperature: -10° C +40° C
-Degree of protection IP55

TECHNICAL DATA

MODEL	CODE	VOLTAGE 50 HZ	STARTING	NOMINAL P2		MAX CURRENT A	N° CONNECTABLE FLOATS
				kW	HP		
E3D3,9M	108330400	1 X 230 V	DIRECT	3 x 1	3 x 1,36	9	2 or 3
E3D9M	108330410	1 X 230 V	DIRECT	3 x 1,1	3 x 1,5	12	2 or 3
E3D9M HS	108330420	1 X 230 V	DIRECT	3 x 1,1	3 x 1,5	12	2 or 3
E3D3T	108330440	3 x 400 V	DIRECT	3 x 0,74	3 x 1	2,5	2 or 3
E3D4,5T	108330450	3 x 400 V	DIRECT	3 x 1,1	3 x 1,5	4	2 or 3
E3D7,5T	60115082	3 x 400 V	DIRECT	3 x 1,8	3 x 2,5	6,3	2 or 3
E3D12T	60115083	3 x 400 V	DIRECT	3 x 3	3 x 4	6,66	2 or 3
E3D22,5T	60115084	3 x 400 V	DIRECT	3 x 5,5	3 x 7,5	12	2 or 3
E3D24T	60115085	3 x 400 V	DIRECT	3 x 6	3 x 8	15	2 or 3
E3D22,5T SD	60115086	3 x 400 V	DIRECT	3 x 5,5	3 x 7,5	16	2 or 3
E3D45T SD	60115087	3 x 400 V	DIRECT	3 x 11	3 x 15	25	2 or 3
E3D60T SD	60115088	3 x 400 V	DIRECT	3 x 15	3 x 20	28	2 or 3
E3D90T SD	60115090	3 x 400 V	DIRECT	3 x 22	3 x 30	45	2 or 3

DAB PUMPS reserves the right to make modifications without notice

NOTES

INDEX - SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS



IDEA
4" PERIPHERAL SUBMERSIBLE PUMPS
D1 PAG. 512



CS4
oil filled motor
4" SUBMERSIBLE PUMPS
NEW
D6 PAG. 530



SR8
8" SUBMERSIBLE PUMPS
NEW
DU PAG. 575



DIVER - DIVER HF
5" MULTISTAGE SUBMERSIBLE PUMPS
A9 PAG. 513



S4
water filled motor
4" SUBMERSIBLE PUMPS
D2 PAG. 532



SM8
10" SUBMERSIBLE PUMPS
DU PAG. 581



PULSAR
5" MULTISTAGE SUBMERSIBLE PUMPS
D3 PAG. 515



S4
oil filled motor
4" SUBMERSIBLE MOTORS
NEW
D2 PAG. 537



SM10
12" SUBMERSIBLE PUMPS
DW PAG. 585



PULSAR DRY
5" MULTISTAGE SUBMERSIBLE PUMPS
D3 PAG. 517



4GG
4" SUBMERSIBLE MOTORS
E1 PAG. 542



SM12
12" SUBMERSIBLE PUMPS
DY PAG. 589



DIVER 6
6" MULTISTAGE SUBMERSIBLE PUMPS
DF PAG. 519



4GX
4" SUBMERSIBLE MOTORS
E1 PAG. 544



6GF - 6GX
6" SUBMERSIBLE MOTORS
E4 PAG. 593



DIVERTRON
6" ELECTRONIC MULTISTAGE SUBMERSIBLE PUMPS
AA PAG. 520



4TW
4 " SUBMERSIBLE MOTORS
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TR6
6" SUBMERSIBLE MOTORS
NEW
CW PAG. 595



MICRA HS
HIGH SPEED 3" SUBMERSIBLE PUMPS
D4 PAG. 521



40L
4 " SUBMERSIBLE MOTORS
E3 PAG. 547



TR8
8" SUBMERSIBLE MOTORS
NEW
CX PAG. 597



MICRA
3" SUBMERSIBLE PUMPS
D4 PAG. 525



S6
6" SUBMERSIBLE PUMPS
D5 PAG. 549



TR10
10" SUBMERSIBLE MOTORS
NEW
CY PAG. 599



SUN4WELL
4" SUBMERSIBLE ELECTRIC SOLAR PUMP
NEW
DV PAG. 526



SR6
6" SUBMERSIBLE PUMPS
NEW
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TR12
12" SUBMERSIBLE MOTORS
NEW
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CS4
water filled motor
4" SUBMERSIBLE PUMPS
D6 PAG. 528



SM6
6" SUBMERSIBLE PUMPS
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ACCESSORIES
NEW
PAG. 603

IDEA

4" PERIPHERAL SUBMERSIBLE PUMPS



SINGLE-PHASE



THREE-PHASE

CE

DOMESTIC WATER SUPPLY

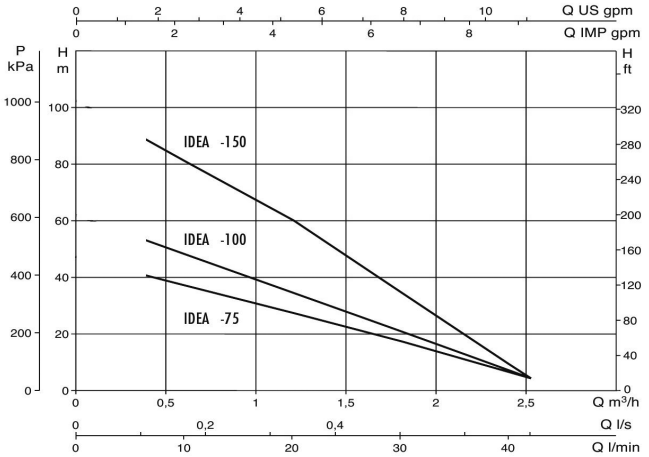
Peripheral borehole pump single impeller (Idea 75 - 100), double impeller (Idea 150) (for 4" wells or larger, capable of providing high heads with limited power. Suitable for water lifting and distribution applications in domestic systems, small agricultural concerns, pressurisation of pressure vessels and DIY uses.
Pump body and motor support in cast iron. Brass impeller. Impeller shaft extension and strainer in stainless steel. Submergible asynchronous two-pole motor, made entirely of stainless steel, dry design
Canned-type AISI 304L stator. Squirrel cage rotor running on ball bearings, oversized to ensure reliability and durability. Graphite/alumina mechanical seal and lip seal. **In the single phase version the start capacitor is enclosed in a rugged, electrically insulated high-density plastic enclosure.** Overload protection to be provided by the user for the three-phase version.

Protection rating: IP 68
Insulation class:
Liquid temperature range: from 0° C to +35° C
Max. no. of starts: 20/h
Maximum subnersion: 20 m.
Installation: in 4" or larger wells, thanks or cisterns, vertically.
Liquid quality requirements: clean, free of solid or abrasive contaminants, non-viscous, chemically neutral, close to the properties of water.
Removable H07RN-F power cable, length 15 m.
Supplied with 15 m of nylon rope.

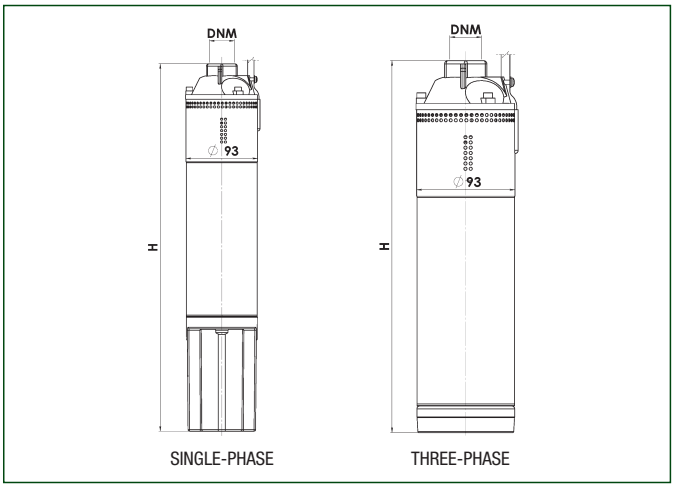
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA (n ~ 2800 1/min)								
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR		Q m^3/h l/min	0,4	0,6	0,9	1,2	1,5	1,8	2,1	2,4
				kW	HP		µF	Vc		7	10	15	20	25	30	35	40
IDEA 75 M	**60122482**	1x230 V ~	0,8	0,55	0,75	4	16	450	H (m)	39	37	32	27,6	22,5	17,6	12,2	6,8
IDEA 100 M	**60122483**	1x230 V ~	1,1	0,75	1	4,7	20	450		52	48,3	41,4	34,6	28	21,2	14,4	7,3
IDEA 150 M	**60133713**	1x230 V ~	2,2	1	1,5	10,5	35	450		90	81	70	60	48	35	22	10
IDEA 75 T	**60122353**	3x400 V ~	0,65	0,55	0,75	1,5	–	–		39	37	32	27,6	22,5	17,6	12,2	6,8
IDEA 100T	**60122354**	3x400 V ~	1,1	0,75	1	2,3	–	–		52	48,3	41,4	34,6	28	21,2	14,4	7,3
IDEA 150T	**60140605**	3x400 V ~	2,5	1	1,5	4,3	–	–		90	81	70	60	48	35	22	10

IDEA



DIMENSIONS AND WEIGHTS



SINGLE-PHASE THREE-PHASE

MODEL	Ø	H	PACKAGING DIMENSION			DNM GAS	WEIGHT Kg
			L/A	L/B	H		
IDEA 75 M	93	482	630	265	125	1"	10,5
IDEA 100 M	93	512	630	265	125	1"	12
IDEA 150 M	93	602	630	265	125	1"	15
IDEA 75 T	93	353	420	310	118	1"	10,2
IDEA 100 T	93	383	420	310	118	1"	11,7
IDEA 150 T	93	475	630	265	125	1"	14,6

DIVER - DIVER HF

5” MULTISTAGE SUBMERSIBLE PUMPS





CB(1)

CE

DOMESTIC WATER SUPPLY

DIVER electric pumps are utilised for lifting clear water from boreholes, first water collection tanks or cisterns, wells or water courses and are capable of distributing pressurised water to domestic installations, small agricultural plants, and sprinkler systems for lawns and gardens.
The pump, which is very silent running, can be installed inside boreholes and sumps and eliminates all potential problems of suction and unpriming.
Multi-stage close-coupled borehole pump with hydraulic section below motor, which is cooled by the pumped liquid. Impellers and diffusers in fibreglass-reinforced Noryl with wear-resistant stainless steel thrust ring. Outer liner, stator sleeve, upper head with delivery connection and closing ring in AISI 304 stainless steel.
Supports in brass. Rotor shaft extension in AISI 304 stainless steel.
Lip seal on motor side and silicon carbide/silicon carbide mechanical seal on pump side.
Submersible asynchronous two-pole motor made entirely of stainless steel, featuring dry design with external cooling by pumped liquid.
Canned AISI 304L stator. Squirrel cage rotor running on ball bearings, oversized to ensure low noise, reliability and durability.
On request, CONTROL BOX for the single-phase version. Protection for the three-phase version is the responsibility of the user.
Automatic version available with float switch.
Available on request with support base and lateral suction (DRY).
Protection rating: IP 68
Insulation class: F
Standard voltage input: Single-phase: 230 V / 50 Hz. Three-phase 230V / 50Hz and 400 V / 50 Hz
Power cable: Removable H07RN-F, length 10 m.

(1)Required for single-phase versions

TECHNICAL DATA - DIVER

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA									
		VOLTAGE 50 Hz	P1 kW	P2		In A	CAPACITOR		Q m^3/h l/min	0	0,6	1,2	1,8	2,4	3	3,6	4,2	4,8
				kW	HP		µF	Vc		0	10	20	30	40	50	60	70	80
DIVER 75 M-A	60121469	1x230 V~	0,85	0,55	0,75	4,6	16	450		39	35	33	30	26	22	18	14	9
DIVER 75 M-NA	60121655	1x230 V~	0,85	0,55	0,75	4,6	16	450		39	35	33	30	26	22	18	14	9
DIVER 75 T-NA	60121656	3x230 V~	0,8	0,55	0,75	2,9	-	-		39	35	33	30	26	22	18	14	9
DIVER 75 T-NA	60121657	3x400 V~	0,8	0,55	0,75	1,7	-	-		39	35	33	30	26	22	18	14	9
DIVER 100 M-A	60121470	1x230 V~	1,1	0,75	1	5,9	20	450		55	50	45	41	35	30	25	18	11
DIVER 100 M-NA	60121658	1x230 V~	1,1	0,75	1	5,9	20	450		55	50	45	41	35	30	25	18	11
DIVER 100 T-NA	60121659	3x230 V~	1,2	0,75	1	4,2	-	-		55	50	45	41	35	30	25	18	11
DIVER 100 T-NA	60121660	3x400 V~	1,2	0,75	1	2,4	-	-		55	50	45	41	35	30	25	18	11
DIVER 150 M-A	60121471	1x230 V~	1,6	1	1,5	7,8	30	450		80	72	67	60	52	45	35	26	16
DIVER 150 M-NA	60121661	1x230 V~	1,6	1	1,5	7,8	30	450		80	72	67	60	52	45	35	26	16
DIVER 150 T-NA	60121662	3x230 V~	1,55	1	1,5	5,7	-	-		80	72	67	60	52	45	35	26	16
DIVER 150 T-NA	60121663	3x400 V~	1,55	1	1,5	3,3	-	-		80	72	67	60	52	45	35	26	16
DIVER 150 M-A *	60141617	1x230 V~	1,6	1	1,5	7,8	30	450	H (m)	80	72	67	60	52	45	35	26	16
DIVER 150 M-NA*	60141618	1x230 V~	1,6	1	1,5	7,8	30	450		80	72	67	60	52	45	35	26	16
DIVER 150 T-NA *	60141619	3x230 V~	1,55	1	1,5	5,7	-	-		80	72	67	60	52	45	35	26	16
DIVER 150 T-NA *	60141620	3x400 V~	1,55	1	1,5	3,3	-	-		80	72	67	60	52	45	35	26	16
DIVER 200 M-A	60121472	1x230 V~	2,3	1,5	2	10,7	35	450		101	96	90	85	70	60	47	35	21
DIVER 200 M-NA	60121664	1x230 V~	2,3	1,5	2	10,7	35	450		101	96	90	85	70	60	47	35	21
DIVER 200 T-NA	60121476	3x230 V~	2,15	1,5	2	8,5	-	-		101	96	90	85	70	60	47	35	21
DIVER 200 T-NA	60121665	3x400 V~	2,15	1,5	2	4,9	-	-		101	96	90	85	70	60	47	35	21
DIVER 200 M-A *	60141621	1x230 V~	2,3	1,5	2	10,7	35	450		101	96	90	85	70	60	47	35	21
DIVER 200 M-NA*	60141623	1x230 V~	2,3	1,5	2	10,7	35	450		101	96	90	85	70	60	47	35	21
DIVER 200 T-NA*	60141624	3x230 V~	2,15	1,5	2	8,5	-	-		101	96	90	85	70	60	47	35	21
DIVER 200 T-NA *	60141625	3x400 V~	2,15	1,5	2	4,9	-	-		101	96	90	85	70	60	47	35	21

A= automatic with float NA= non automatic without float

* 20 mt. CABLE INCLUDED

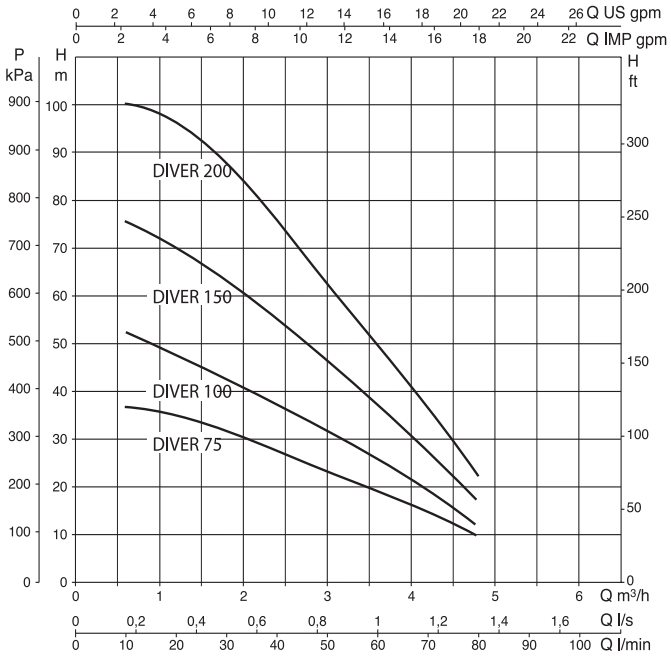
DAB PUMPS reserves the right to make modifications without notice

TECHNICAL DATA - DIVER HF

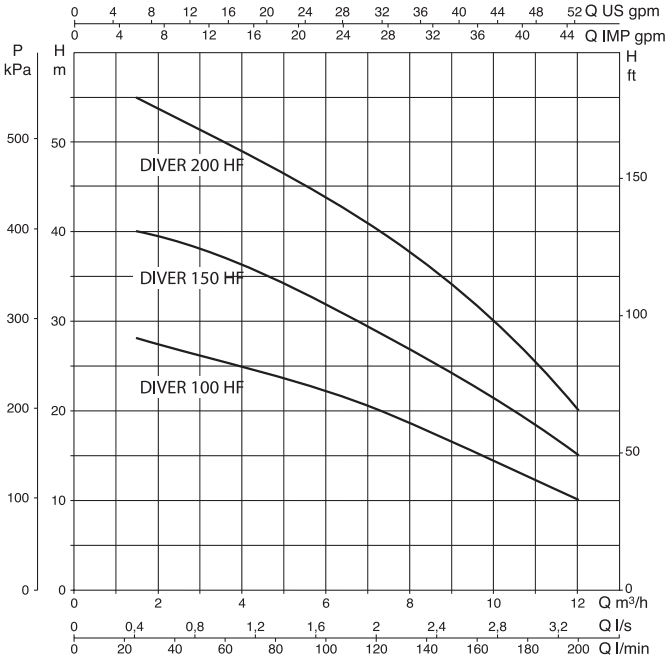
MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA									
		VOLTAGE 50 Hz	P1 kW	P2		In A	CAPACITOR		Q m³/h	0	1,5	3	4,5	6	7,5	9	10,5	12
				kW	HP		µF	Vc	l/min	0	25	50	75	100	125	150	175	200
DIVER 100 HF M-A	60121666	1x230 V~	1,1	0,75	1	6,2	20	450		30	28	26	24	22	20	16	13	10
DIVER 100 HF M-NA	60121667	1x230 V~	1,1	0,75	1	6,2	20	450		30	28	26	24	22	20	16	13	10
DIVER 100 HF T-NA	60121668	3x230 V~	1,2	0,75	1	4,3	-	-		30	28	26	24	22	20	16	13	10
DIVER 100 HF T-NA	60121669	3x400 V~	1,2	0,75	1	2,5	-	-		30	28	26	24	22	20	16	13	10
DIVER 150 HF M-A	60121670	1x230 V~	1,7	1	1,5	8,1	30	450		42	40	38	35	32	28	24	20	15
DIVER 150 HF M-NA	60121671	1x230 V~	1,7	1	1,5	8,1	30	450		42	40	38	35	32	28	24	20	15
DIVER 150 HF T-NA	60121473	3x230 V~	1,8	1	1,5	6	-	-	H (m)	42	40	38	35	32	28	24	20	15
DIVER 150 HF T-NA	60121672	3x400 V~	1,8	1	1,5	3,5	-	-		42	40	38	35	32	28	24	20	15
DIVER 200 HF M-A	60121673	1x230 V~	2,15	1,5	2	10,8	35	450		59	55	51	48	44	39	34	28	20
DIVER 200 HF M-NA	60121674	1x230 V~	2,15	1,5	2	10,8	35	450		59	55	51	48	44	39	34	28	20
DIVER 200 HF T-NA	60121474	3x230 V~	2,1	1,5	2	8,5	-	-		59	55	51	48	44	39	34	28	20
DIVER 200 HF T-NA	60121475	3x400 V~	2,1	1,5	2	4,9	-	-		59	55	51	48	44	39	34	28	20

A= automatic with float NA= non automatic without float

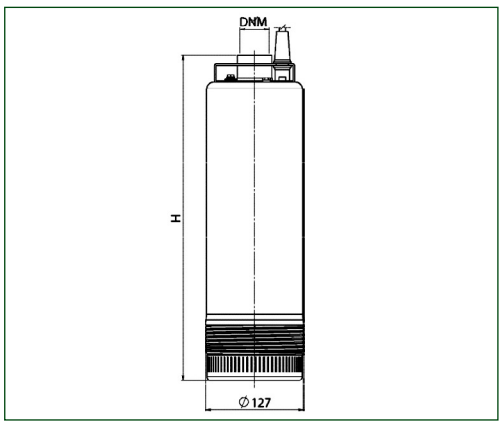
DIVER



DIVER HF



DIMENSIONS AND WEIGHTS



MODEL	ø (mm)	H (mm)	DNM GAS	PACKAGING DIMENSION			PACKAG. VOLUME m³	Q.TY X PALLET	WEIGHT Kg
				L/A	L/B	H			
DIVER 75 M-T	127	427	1" 1/4	625	230	170	0,024	35	10
DIVER 100 M-T	127	482	1" 1/4	625	230	170	0,024	35	11,7
DIVER 150 M-T	127	550	1" 1/4	625	230	170	0,024	35	13,1
DIVER 200 M-T	127	648	1" 1/4	710	220	160	0,025	35	15,8
DIVER 100 M-T HF	127	459	1" 1/4	625	230	170	0,024	35	11,5
DIVER 150 M-T HF	127	523	1" 1/4	625	230	170	0,024	35	13
DIVER 200 M-T HF	127	608	1" 1/4	710	220	160	0,025	35	15,5

PULSAR

5” MULTISTAGE SUBMERSIBLE PUMPS



CE

DOMESTIC WATER SUPPLY

PULSAR pumps, which are very silent running, can be installed inside boreholes and sumps and eliminates all potential problems of suction and unpriming.
Multi-stage close-coupled borehole pump with hydraulic section below motor, which is cooled by the pumped liquid. -Impellers, diffusers, strainer and oil sump in abrasion-proof thermoplastic. Outer liner, stator sleeve, upper head with delivery connection and closing ring in AISI 304 stainless steel. Rotor shaft extension in AISI 304. Elastomers in NBR. Stainless steel screws.
Double mechanical seal with interposed oil chamber, made of ceramic/carbon on motor side and silicon carbide/silicon carbide on pump side.
Submersible with continuous duty asynchronous motor. Rotor running on ball bearings, oversized to ensure low noise and durability. **Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version.** To protect the three-phase motor use remote overload cut-outs in compliance with statutory regulations.
Constructed in compliance with CEI 2-3 and CEI 61-69 (EN 60335-2-41) standards.

Operating range: from 0.9 to 7.2 m^3/h with head up to 86 metres.
Maximum permissible sand quantity: 50 g/m^3
Motor protection level: IP 68
Insulation class: F
Liquid temperature range: From 0° C to +40° C
Standard cables: 20 m HO7 RN F cable type.
Cable complete with SCHUKO plug EEC 7-VII-UNEL 47166-68 for the single-phase version.
Single-phase versions can be equipped with or without float switches for automatic operation.

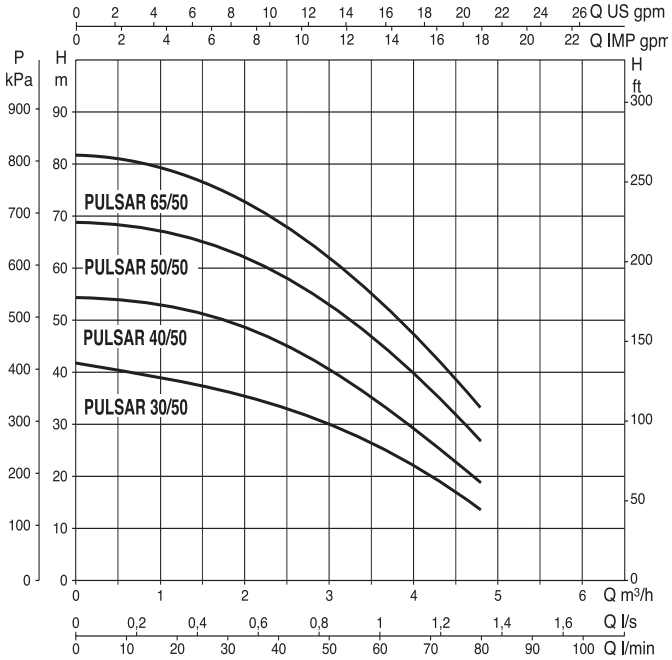
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA							
		VOLTAGE 50 Hz	P1 kW	P2		In A	CAPACITOR		Q m^3/h l/min	0	1,2	2,4	3,6	4,8	6	7,2
				kW	HP		µF	Vc		0	20	40	60	80	100	120
PULSAR 30/50 M-A	104160000	1x230 V~	0,94	0,55	0,75	4,5	16	450		42	38,2	33,8	24,8	13,5		
PULSAR 30/50 M-NA	104160010	1x230 V~	0,94	0,55	0,75	4,5	16	450		42	38,2	33,8	24,8	13,5		
PULSAR 30/50 T-NA	104160420	3x230 V~	0,87	0,55	0,75	2,85	-	-		42	38,2	33,8	24,8	13,5		
PULSAR 30/50 T-NA	104160020	3x400 V~	0,87	0,55	0,75	1,65	-	-		42	38,2	33,8	24,8	13,5		
PULSAR 40/50 M-A	104160030	1x230 V~	1,12	0,75	1	5,2	16	450		56	51	45	33	18		
PULSAR 40/50 M-NA	104160040	1x230 V~	1,12	0,75	1	5,2	16	450		56	51	45	33	18		
PULSAR 40/50 T-NA	104160450	3x230 V~	1,03	0,75	1	3,2	-	-		56	51	45	33	18		
PULSAR 40/50 T-NA	104160050	3x400 V~	1,03	0,75	1	1,85	-	-		56	51	45	33	18		
PULSAR 50/50 M-A	104160060	1x230 V~	1,45	1	1,36	6,5	25	450		72	65,5	58	43,6	24,5		
PULSAR 50/50 M-NA	104160070	1x230 V~	1,45	1	1,36	6,5	25	450		72	65,5	58	43,6	24,5		
PULSAR 50/50 T-NA	104160480	3x230 V~	1,35	1	1,36	4,15	-	-		72	65,5	58	43,6	24,5		
PULSAR 50/50 T-NA	104160080	3x400 V~	1,35	1	1,36	2,4	-	-		72	65,5	58	43,6	24,5		
PULSAR 65/50 M-A	104160090	1x230 V~	1,70	1,2	1,6	7,8	30	450		86	78,5	70	52,8	29		
PULSAR 65/50 M-NA	104160100	1x230 V~	1,70	1,2	1,6	7,8	30	450	H (m)	86	78,5	70	52,8	29		
PULSAR 65/50 T-NA	104160510	3x230 V~	1,60	1,2	1,6	5	-	-		86	78,5	70	52,8	29		
PULSAR 65/50 T-NA	104160110	3x400 V~	1,60	1,2	1,6	2,9	-	-		86	78,5	70	52,8	29		
PULSAR 30/80 M-A	104160230	1x230 V~	1,12	0,75	1	5,2	16	450		51	48,2	44,8	39,2	32,4	23,5	13
PULSAR 30/80 M-NA	104160240	1x230 V~	1,12	0,75	1	5,2	16	450		51	48,2	44,8	39,2	32,4	23,5	13
PULSAR 30/80 T-NA	104160650	3x230 V~	1,03	0,75	1	3,2	-	-		51	48,2	44,8	39,2	32,4	23,5	13
PULSAR 30/80 T-NA	104160250	3x400 V~	1,03	0,75	1	1,85	-	-		51	48,2	44,8	39,2	32,4	23,5	13
PULSAR 40/80 M-A	104160260	1x230 V~	1,45	1	1,36	6,5	25	450		64	61	56,8	50	41,5	30,5	16,2
PULSAR 40/80 M-NA	104160270	1x230 V~	1,45	1	1,36	6,5	25	450		64	61	56,8	50	41,5	30,5	16,2
PULSAR 40/80 T-NA	104160680	3x230 V~	1,35	1	1,36	4,15	-	-		64	61	56,8	50	41,5	30,5	16,2
PULSAR 40/80 T-NA	104160280	3x400 V~	1,35	1	1,36	2,4	-	-		64	61	56,8	50	41,5	30,5	16,2
PULSAR 50/80 M-A	104160290	1x230 V~	1,70	1,2	1,6	7,8	30	450		77	73,2	68	60	50	37	19,6
PULSAR 50/80 M-NA	104160300	1x230 V~	1,70	1,2	1,6	7,8	30	450		77	73,2	68	60	50	37	19,6
PULSAR 50/80 T-NA	104160710	3x230 V~	1,60	1,2	1,6	5	-	-		77	73,2	68	60	50	37	19,6
PULSAR 50/80 T-NA	104160310	3x400 V~	1,60	1,2	1,6	2,9	-	-		77	73,2	68	60	50	37	19,6

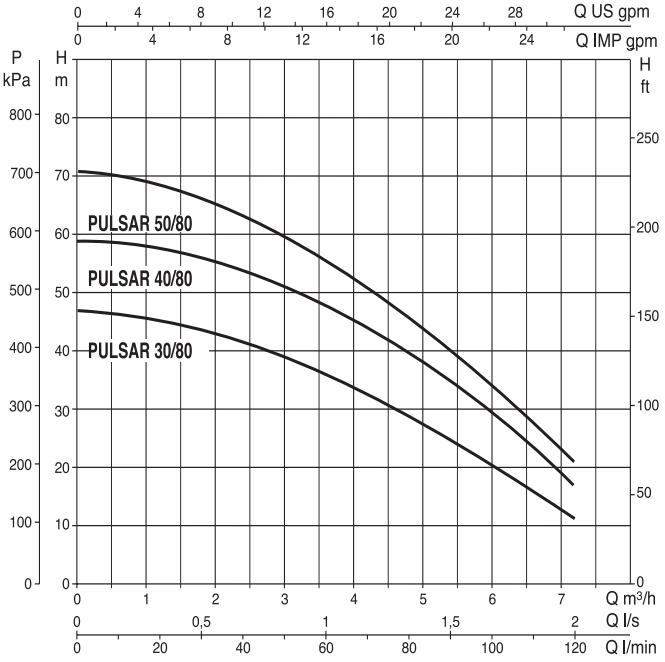
A= automatic with float NA= non automatic without float

DAB PUMPS reserves the right to make modifications without notice

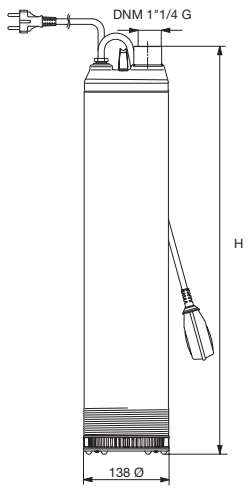
PULSAR .../50



PULSAR .../80



DIMENSIONS AND WEIGHTS



MODEL	H	PACKAGING DIMENSION			PACKAGING VOLUME m³	Q.TY X PALLET	DNM GAS	WEIGHT Kg		
		L/A	L/B	H				MA	MNA	TNA
PULSAR 30/50 M-T	562	690	220	165	0,037	20	1 1/4"	17,3	16,7	17,3
PULSAR 40/50 M-T	562	690	220	165	0,037	20	1 1/4"	17,5	17	17,5
PULSAR 50/50 M-T	630	690	220	165	0,037	20	1 1/4"	18,5	18	18,5
PULSAR 65/50 M-T	657	690	220	165	0,037	20	1 1/4"	19,5	19	19,5
PULSAR 30/80 M-T	562	690	220	165	0,037	20	1 1/4"	7,5	17	17,5
PULSAR 40/80 M-T	630	690	220	165	0,037	20	1 1/4"	18,5	18	18,5
PULSAR 50/80 M-T	657	690	220	165	0,037	20	1 1/4"	19,5	19	19,5

PULSAR DRY

5” MULTISTAGE SUBMERSIBLE PUMPS



CE

DOMESTIC WATER SUPPLY

The PULSAR DRY pumps are used in lifting and pressurisation systems for water from primary collection tanks or wells and are suitable for providing pressurised water in domestic systems, small-scale farming and sprinkler systems for gardens and vegetable gardens. The pump is extremely silent and this feature makes it suitable for use with pressurisation systems in unventilated rooms or in areas prone to flooding. Single-piece multi-stage bore-hole pump or of surface with hydraulic assembly positioned under the motor which is cooled by the pumped liquid. Impellers, diffusers, filter and oil sump in abrasion-proof thermoplastic. Pump liner, stator sleeve, upper head with sleeve and sealing ring in AISI 304 steel. Upper and lower bearing supports in dezincification-proof pressed brass. Rotor shaft extension in AISI 304. Elastomers in NBR. Stainless steel hardware. **Double mechanical seal** separated by an oil chamber, in ceramic/carbon on the motor side and carburundum/carburundum on the pump side. The sealing system ensures the motor remains airtight and the mechanical seal holds even after brief periods of no-water operation.
Continuous service asynchronous submersible motor. Stator incorporated in an AISI 304 stainless steel airtight casing with a cover housing the cables and capacitor. Rotor mounted on oversized ball bearings to ensure silent running and long life. **Incorporated thermal current protection and permanently connected capacitor in the single-phase version.** As regards three-phase protection, a motor overload cut out should be fitted, in accordance with current standards. Built to IEC 2-3 and IEC 61-69 (EN 60335-2-41).
Operating range: from 0.9 to 7.2 m^3/h with a head of up to 86 m
Max. quantity of sand in water: 50 gr/m^3
Protection level of motor: IP 68
Protection class of motor: F
Liquid temperature range: da 0°C a +40°C
Maximum depth of immersion: 20 metres
Standard cables: 15 m of HO7 RN F cable complete with SCHUKO EEC 7-VII-UNEL 47166-68 plug for the single-phase version. The single-phase versions can be supplied with or without floats for automatic operation.

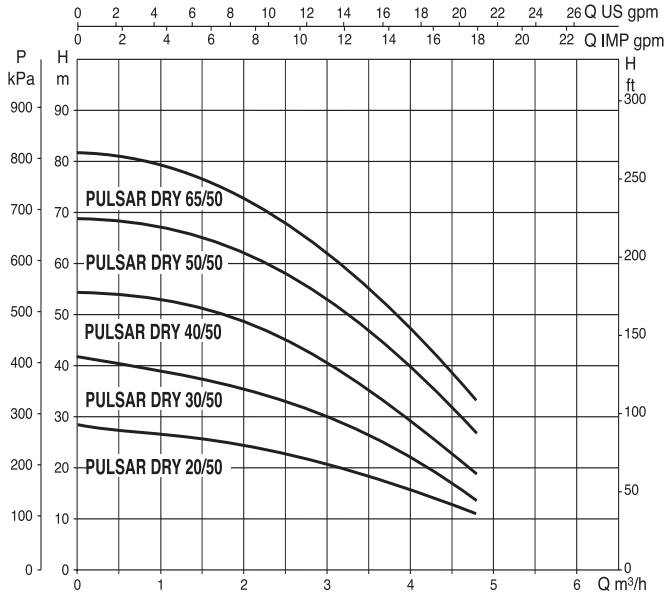
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA							
		VOLTAGE 50 Hz	P1 kW	P2		In A	CAPACITOR		Q m^3/h l/min	0	1,2	2,4	3,6	4,8	6	7,2
				kW	HP		µF	Vc		0	20	40	60	80	100	120
PULSAR DRY 30/50 M-NA	104165200	1x230 V~	0,94	0,55	0,75	4,4				42	38,2	33,8	24,8	13,5		
PULSAR DRY 30/50 T-NA	104165410	3x230 V~	0,87	0,55	0,75	2,85				42	38,2	33,8	24,8	13,5		
PULSAR DRY 30/50 T-NA	104165210	3x400 V~	0,87	0,55	0,75	1,65				42	38,2	33,8	24,8	13,5		
PULSAR DRY 40/50 M-NA	104165220	1x230 V~	1,12	0,75	1	5,2				56	51	45	33	18		
PULSAR DRY 40/50 T-NA	104165430	3x230 V~	1,03	0,75	1	3,2				56	51	45	33	18		
PULSAR DRY 40/50 T-NA	104165230	3x400 V~	1,03	0,75	1	1,85				56	51	45	33	18		
PULSAR DRY 50/50 M-NA	104165240	1x230 V~	1,45	1	1,36	6,5				72	65,5	58	43,6	24,5		
PULSAR DRY 50/50 T-NA	104165450	3x230 V~	1,35	1	1,36	4,15				72	65,5	58	43,6	24,5		
PULSAR DRY 50/50 T-NA	104165250	3x400 V~	1,35	1	1,36	2,4				72	65,5	58	43,6	24,5		
PULSAR DRY 65/50 M-NA	104165260	1x230 V~	1,70	1,2	1,6	7,8				86	78,5	70	52,8	29		
PULSAR DRY 65/50 T-NA	104165470	3x230 V~	1,60	1,2	1,6	5			H (m)	86	78,5	70	52,8	29		
PULSAR DRY 65/50 T-NA	104165270	3x400 V~	1,60	1,2	1,6	2,9				86	78,5	70	52,8	29		
PULSAR DRY 30/80 M-NA	104165300	1x230 V~	1,12	0,75	1	5,2				51	48,2	44,8	39,2	32,4	23,5	13
PULSAR DRY 30/80 T-NA	104165510	3x230 V~	1,03	0,75	1	3,2				51	48,2	44,8	39,2	32,4	23,5	13
PULSAR DRY 30/80 T-NA	104165310	3x400 V~	1,03	0,75	1	1,85				51	48,2	44,8	39,2	32,4	23,5	13
PULSAR DRY 40/80 M-NA	104165320	1x230 V~	0,78	1	1,36	6,5				64	61	56,8	50	41,5	30,5	16,2
PULSAR DRY 40/80 T-NA	104165530	3x230 V~	0,60	1	1,36	4,15				64	61	56,8	50	41,5	30,5	16,2
PULSAR DRY 40/80 T-NA	104165330	3x400 V~	0,60	1	1,36	2,4				64	61	56,8	50	41,5	30,5	16,2
PULSAR DRY 50/80 M-NA	104165340	1x230 V~	0,94	1,2	1,6	7,8				77	73,2	68	60	50	37	19,6
PULSAR DRY 50/80 T-NA	104165550	3x230 V~	0,87	1,2	1,6	5				77	73,2	68	60	50	37	19,6
PULSAR DRY 50/80 T-NA	104165350	3x400 V~	0,87	1,2	1,6	2,9				77	73,2	68	60	50	37	19,6

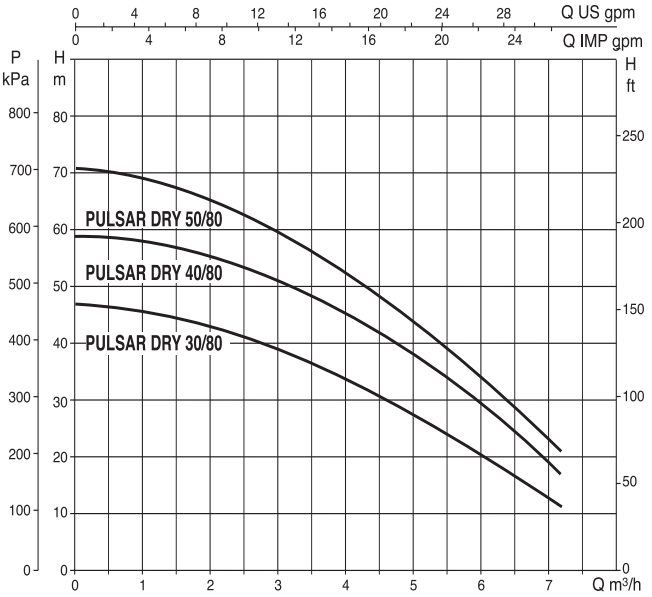
A= automatic with float NA= non automatic without float

DAB PUMPS reserves the right to make modifications without notice

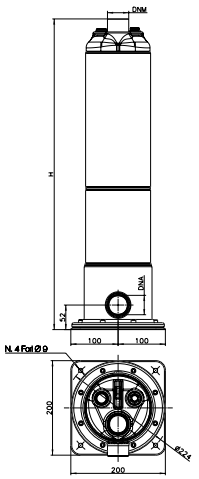
PULSAR .../50



PULSAR .../80



DIMENSIONS AND WEIGHTS



MODEL	H	PACKAGING DIMENSION			PACKAGING VOLUME m³	Q.TY X PALLET	Ø		WEIGHT Kg		
		L/A	L/B	H			DNM GAS	DNA GAS	MA	MNA	TNA
PULSAR DRY 20/50 M-NA/T-NA	603	780	240	265	0,049	20	1 1/4"	1 1/4"	-	16,5	17
PULSAR DRY 30/50 M-NA/T-NA	562	690	220	165	0,037	20	1 1/4"	1 1/4"	-	16,7	17,3
PULSAR DRY 40/50 M-NA/T-NA	562	690	220	165	0,037	20	1 1/4"	1 1/4"	-	17	17,5
PULSAR DRY 50/50 M-NA/T-NA	630	690	220	165	0,037	20	1 1/4"	1 1/4"	-	18	18,5
PULSAR DRY 65/50 M-NA/T-NA	657	690	220	165	0,037	9	1 1/4"	1 1/4"	-	19	19,5
PULSAR DRY 30/80 M-NA/T-NA	562	690	220	165	0,037	20	1 1/4"	1 1/4"	-	17	17,5
PULSAR DRY 40/80 M-NA/T-NA	630	690	220	165	0,037	20	1 1/4"	1 1/4"	-	18	18,5
PULSAR DRY 50/80 M-NA/T-NA	657	690	220	165	0,037	9	1 1/4"	1 1/4"	-	19	19,5

DIVER 6

6” MULTISTAGE SUBMERSIBLE PUMPS



CE

DOMESTIC WATER SUPPLY

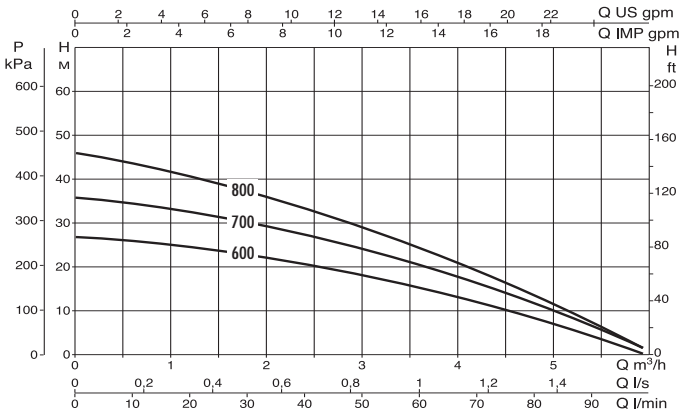
Multi-stage powerful submersible pumps ideal for rain water systems, operating sprinklers, pumping water from tanks, cisterns, ponds and wells and other applications that require high pressure.
Available with 2, 3 and 4 impellers. Suitable to pump clear water.
Anti-corrosive and rust-proof materials.
Motor with thermic overload protection.
Wear resistant shaft.
Anti-debris stainless steel strainer.

Excellent cooling of the motor that enables the pump to operate even when it is partially submersible.
Automatic version with start/ stop float switch.
Supplied with power cable with plug, non return valve and 4-step fitting.

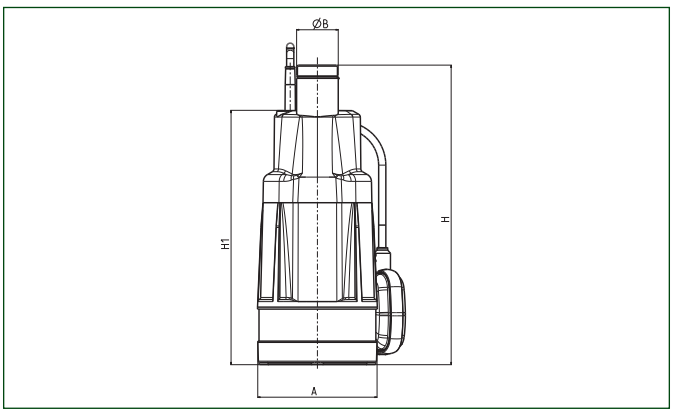
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA								CABLE LENGTH mt.
		VOLTAGE 50 Hz	P2 NOMINAL		Q m^3/h	0	0,9	1,8	2,7	3,6	4,5	5,1	5,4	
			kW	HP	l/min	0	15	30	45	60	75	85	90	
DIVER 6 - 600 M-A	60122630	1 x 230 V	0,55	0,75	H (m)	24	22	19,5	16,2	12,5	7,5	3,7	1,5	15
DIVER 6 - 700 M-A	60122631	1 x 230 V	0,65	0,88		36	32,6	28,5	23,6	17	9,5	4,6	1,8	15
DIVER 6 - 850 M-A	60122632	1 x 230 V	0,75	1		46	41	35,5	29,2	21,8	13,5	7,8	3,5	15

DIVER 6



DIMENSIONS AND WEIGHTS



MODEL	A	Ø B	H	H1	Ø	PACKAGING DIMENSION m^3	GROSS WEIGHT Kg
DIVER 6 600 M-A	150	52	350	293	1”	0,008	7,5
DIVER 6 700 M-A	150	52	375	318	1”	0,008	8,7
DIVER 6 800 M-A	150	52	400	343	1”	0,009	9

DAB PUMPS reserves the right to make modifications without notice

DIVERTRON

6" ELECTRONIC MULTISTAGE SUBMERSIBLE PUMPS



DIVERTRON



DIVERTRON X

DOMESTIC WATER SUPPLY

Submersible pressure pumps with built-in integrated electronics, designed to automatically start and stop the pump.
Built-in electronic board, pressure switch and flow sensor.
Equipped with dry-run protection.
Built-in non return valve.

Easy to use.
High reliability.
Available with 3 or 4 impellers
Supplied with 15 m power cord.
Available with screen filter or stainless steel ring for use of suction kit.

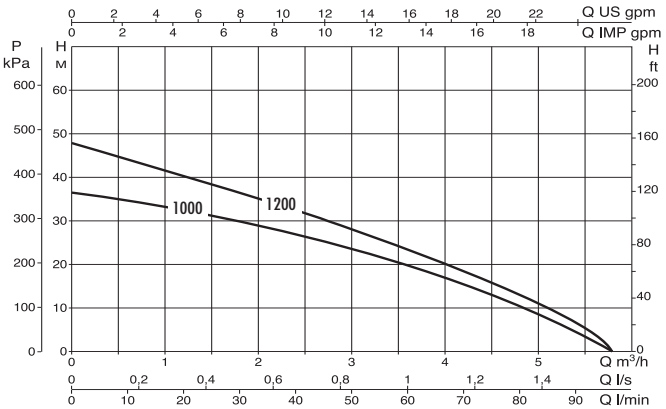
ACCESSORIES
PAG. 603

TECHNICAL DATA

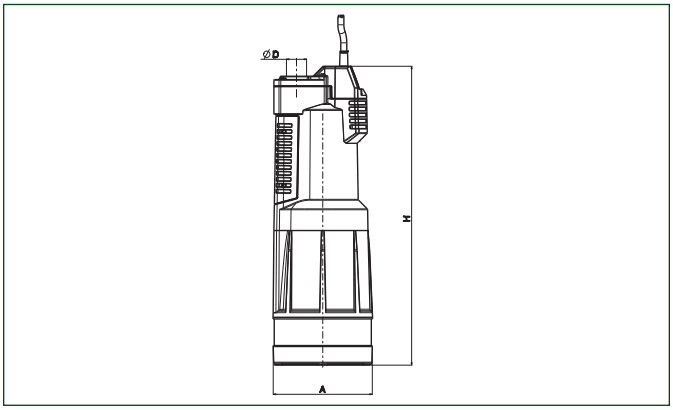
MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA								CABLE LENGTH mt.
		VOLTAGE 50 Hz	P2 NOMINAL		Q m^3/h l/min	0	0,9	1,8	2,7	3,6	4,5	5,1	5,4	
			kW	HP		0	15	30	45	60	75	85	90	
DIVERTRON 1000 M	60122623	1 x 230 V	0,65	0,88	H (m)	36	32,6	28,5	23,6	17	9,5	4,6	1,8	15
DIVERTRON X 1000 M	60122625	1 x 230 V	0,65	0,88		36	32,6	28,5	23,6	17	9,5	4,6	1,8	15
DIVERTRON 1200 M	60122626	1 x 230 V	0,75	1		46	41	35,5	29,2	21,8	13,5	7,8	3,5	15
DIVERTRON X 1200 M	60122627	1 x 230 V	0,75	1		46	41	35,5	29,2	21,8	13,5	7,8	3,5	15

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DIVERTRON



DIMENSIONS AND WEIGHTS



MODEL	A	Ø D	H	DNM	GROSS WEIGHT Kg
DIVERTRON 1000 M	150	30	450	1"	11
DIVERTRON X 1000 M	150	30	450	1"	11
DIVERTRON 1200 M	150	30	480	1"	11
DIVERTRON X 1200 M	150	30	480	1"	11

MICRA HS

HIGH SPEED 3" SUBMERSIBLE PUMPS





ACTIVE DRIVER
PAG. 15

DOMESTIC WATER SUPPLY

Applications
Electric borehole pumps for 3" wells or larger.
These units have a very extensive range of applications for lifting and distribution in domestic and industrial water systems, filling of pressure vessels and tanks, pressure booster and irrigation systems.
MICRA HS is composed by a three-phase submersible pumps and driven by a sigle phase inverter (ACTIVE DRIVER).

Pump construction features
Multi-stage centrifugal type. Directly coupled pump and motor with rigid coupling. Impellers and thrust rings in Noryl and diffusers in self-lubricating polyacetal. Pump liner, shaft with coupling, filter and cable cover in stainless steel.
Base support and head in brass with check valve incorporated in head.

Motor construction characteristics
Submersible asynchronous two-pole motor made entirely of AISI 304 stainless steel with brass supports. Squirrel cage rotor in copper mounted on Kingsbury thrust block. Cooling of the thrust bearing assembly and the bushings is provided by water, thereby eliminating the risk of contamination. Canned stator in an airtight casing made of AISI 304L stainless steel.

THE ACTIVE DRIVER 2.2 is pre-setted for the functioning at 110 Hz frequency
Power supply tolerance: 230 V Single phase +10%/ 20%
Max. Frequency: 110 Hz (6300 rpm)
Max. motor phase current: 10.5 Amp rms
Absolute minimum voltage: 184 V
Absolute maximum Voltage: 264 V
Pump voltage: 230 V three-phase
Operating range: from 1 to 5.5 m³/h with head of up to 90 m.
Pumped liquid: clean, free of solid or abrasive contaminants, non-viscous, non-aggressive, chemically neutral, close to the properties of water.
Liquid temperature range: from 0°C to +35°C
Maximum permissible sand quantity: 30g/m³
Installation: in 3" boreholes or larger, tanks and cisterns, vertical position. In the event of horizontal installation ensure a minimum load is applied to the thrust bearing assembly.
Motor power cable: 1.4 m
Available with a 30 m shielded cable
The package contain Submersibe pumps. active driver and power cable.

ACCESSORIES
PAG. 603

TECHNICAL DATA

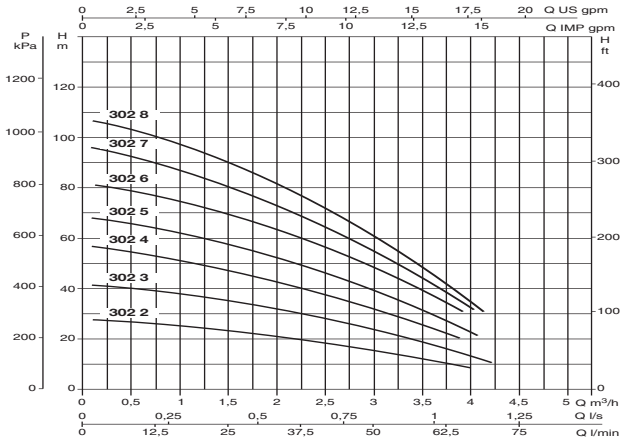
MODEL	CODE	ELECTRICAL DATA VOLTAGE 50 Hz	ELECTRICAL DATA P1 MAX kW	Q m³/h	HYDRAULIC DATA (n ≃ 6300 1/min) 1	1.5	2	2.5	3	3.5	4	4.5	5	5,5	CABLE LENGTH m
				l/min	17	25	33	42	50	58	67	75	84	92	
MICRA HS 302 - 2	60141518	1x230 V ~	1	H (m)	24	21	19	16	13	10	6				1,4
MICRA HS 302 - 3	60141519	1x230 V ~	1.1		35	31	29	25	20	15	10				1,4
MICRA HS 302 - 4	60141520	1x230 V ~	1.2		45	42	40	32	28	20	12				1,4
MICRA HS 302 - 5	60141521	1x230 V ~	1.5		62	57	52	45	39	30	20				1,4
MICRA HS 302 - 6	60141522	1x230 V ~	1.6		70	65	60	50	40	30	20				1,4
MICRA HS 302 - 7	60141524	1x230 V ~	1.8		80	75	68	55	47	35	22				1,4
MICRA HS 302 - 8	60141525	1x230 V ~	2		90	82	79	63	55	40	23				1,4
MICRA HS 303 - 2	60141526	1x230 V ~	1.1		30	27	26	24	22	20	16	13			1,4
MICRA HS 303 - 3	60141527	1x230 V ~	1.3		45	42	40	36	33	30	25	20			1,4
MICRA HS 303 - 4	60141528	1x230 V ~	1.6		60	57	54	50	47	41	37	30			1,4
MICRA HS 303 - 5	60141529	1x230 V ~	1.9		72	70	65	61	56	50	44	36			1,4
MICRA HS 303 - 6	60141530	1x230 V ~	2.2		85	81	77	71	65	58	50	40			1,4
MICRA HS 304 - 3	60141531	1x230 V ~	1.8		48	45	43	41	39	37	33	30	28	25	1,4
MICRA HS 304 - 4	60141533	1x230 V ~	2.1		65	63	61	58	55	51	47	42	38	32	1,4

MODEL	CODE	ELECTRICAL DATA VOLTAGE 50 Hz	ELECTRICAL DATA P1 MAX kW	Q m³/h	HYDRAULIC DATA (n ≃ 6300 1/min) 1	1.5	2	2.5	3	3.5	4	4.5	5	5,5	CABLE LENGTH * m
				l/min	17	25	33	42	50	58	67	75	84	92	
MICRA HS 302-2 +L30	60141534	1x230 V ~	1	H (m)	24	21	19	16	13	10	6				30
MICRA HS 302-3 +L30	60141535	1x230 V ~	1.1		35	31	29	25	20	15	10				30
MICRA HS 302-4 +L30	60141536	1x230 V ~	1.2		45	42	40	32	28	20	12				30
MICRA HS 302-5 +L30	60141537	1x230 V ~	1.5		62	57	52	45	39	30	20				30
MICRA HS 302-6 +L30	60141538	1x230 V ~	1.6		70	65	60	50	40	30	20				30
MICRA HS 302-7 +L30	60141539	1x230 V ~	1.8		80	75	68	55	47	35	22				30
MICRA HS 302-8 +L30	60141540	1x230 V ~	2		90	82	79	63	55	40	23				30
MICRA HS 303-2 +L30	60141541	1x230 V ~	1.1		30	27	26	24	22	20	16	13			30
MICRA HS 303-3 +L30	60141542	1x230 V ~	1.3		45	42	40	36	33	30	25	20			30
MICRA HS 303-4 +L30	60141543	1x230 V ~	1.6		60	57	54	50	47	41	37	30			30
MICRA HS 303-5 +L30	60141544	1x230 V ~	1.9		72	70	65	61	56	50	44	36			30
MICRA HS 303-6 +L30	60141545	1x230 V ~	2.2		85	81	77	71	65	58	50	40			30
MICRA HS 304-3 +L30	60141546	1x230 V ~	1.8		48	45	43	41	39	37	33	30	28	25	30
MICRA HS 304-4 +L30	60141547	1x230 V ~	2.1		65	63	61	58	55	51	47	42	38	32	30

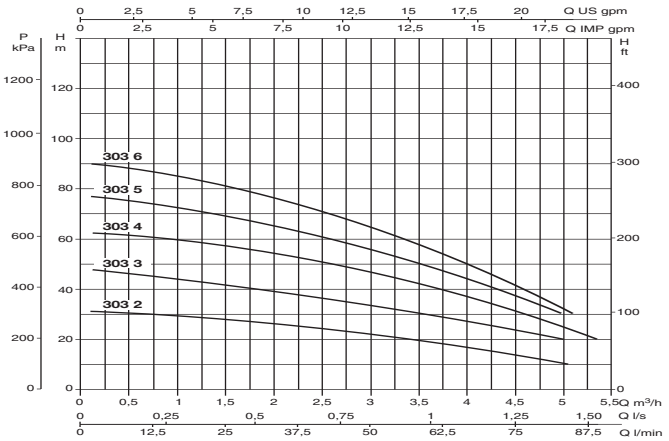
* Shielded cable

DAB PUMPS reserves the right to make modifications without notice

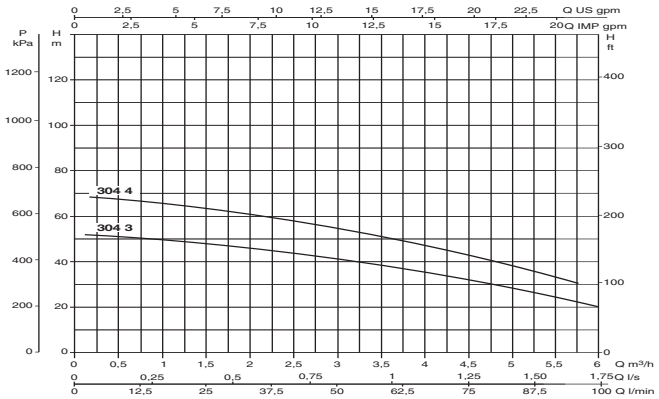
MICRA HS 302



MICRA HS 303

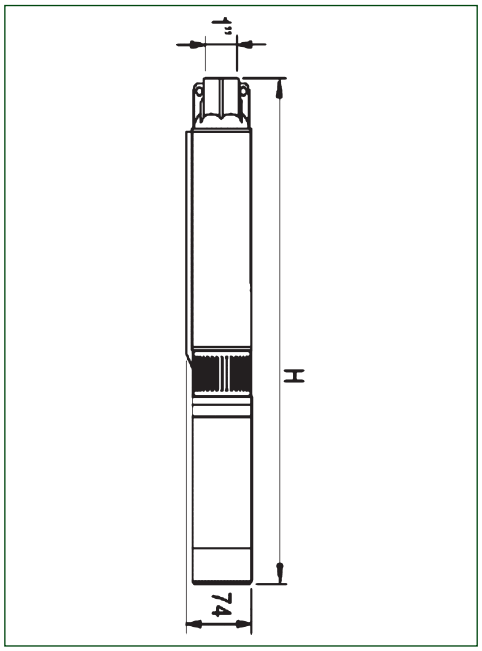


MICRA HS 304

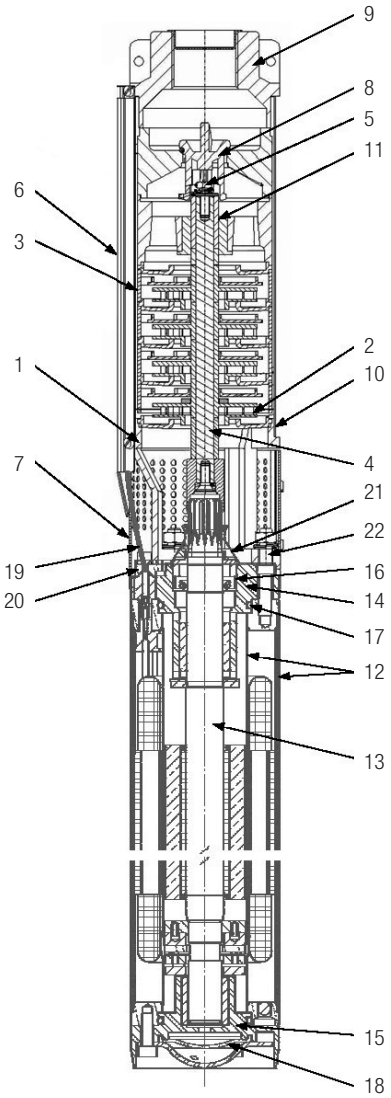


*Performances measured at maximum frequency of 110 Hz

DIMENSIONS AND WEIGHTS



MODEL	Ø	H	DNM G	PACKAGING DIMENSIONS (mm)		
				L/A	L/B	H
MICRA HS 302-2	74	580	1”	320	1300	275
MICRA HS 302-3	74	605	1”	320	1300	275
MICRA HS 302-4	74	630	1”	320	1300	275
MICRA HS 302-5	74	655	1”	320	1300	275
MICRA HS 302-6	74	680	1”	320	1300	275
MICRA HS 302-7	74	705	1”	320	1300	275
MICRA HS 302-8	74	730	1”	320	1300	275
MICRA HS 303-2	74	580	1”	320	1300	275
MICRA HS 303-3	74	605	1”	320	1300	275
MICRA HS 303-4	74	630	1”	320	1300	275
MICRA HS 303-5	74	655	1”	320	1300	275
MICRA HS 303-6	74	680	1”	320	1300	275
MICRA HS 304-3	74	605	1”	320	1300	275
MICRA HS 304-4	74	630	1”	320	1300	275



N.	PART	MATERIALS
	PUMP	
1	BASE SUPPORT	BRASS OT58
2	IMPELLER	NORYL GFN2
3	DIFFUSER	POLYACETAL
4	SHAFT WITH COUPLING	AISI 430F
5	IMPELLERS LOCKING NUT	AISI 304
6	CABLE SHEATH	AISI 430
7	STRAINER	AISI 430
8	VALVE	POLYACETAL
9	DISCHARGE SECTION	BRASS OT58
10	PUMP LINER	AISI 304
11	BUSHES	AISI 316L
	MOTORS	
12	INTERNAL SLEEVE AND OUTER CASING	AISI 304
13	SHAFT	AISI 431
14	UPPER SUPPORT	BRASS OT58
15	LOWER SUPPORT	BRASS OT58
16	LIP SEAL	NBR
17	GASKETS	NBR
18	BELLOW SEAL	EPDM
19	CABLE	EPDM
20	CONNECTOR PLUG	AISI 304
21	SAND GUARD	NBR
22	THREADED FASTENERS	AISI 304

in contact with the liquid

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ACTIVE SHIELD

Electronic input/output filter to be connected to an Active Driver. Can be used in installations where emissions and electromagnetic compatibility problems might arise. For references see pag. 16

MODEL	CODE	MAX CURRENT MOTOR A	TO BE USED WITH:
ACTIVE SHIELD	60163007	14	Active Driver M/M Active Driver M/T



NEW

OPTIONAL VERSION MICRA HS WITH ADAC

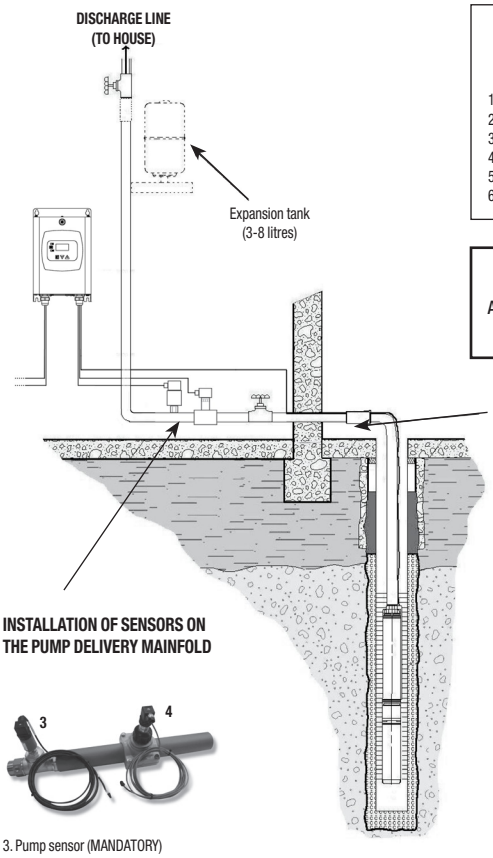
ADAC
PAG. 11



+



EXAMPLE OF INSTALLATION



NECESSARY COMPONENTS FOR SYSTEM INSTALLATION

1. Submersible pump
2. Inverter ADAC
3. Pressure sensor (NECESSARY)
4. Flow sensor (OPTIONAL)
5. Non-returne valve
6. Expansion vessel

ATTENTION

ADAC must be set for functioning at 110 hz maximum frequency

SUGGESTION

In some plants, we recommend the installation of a filter upline of the sensor so as to prevent damage to the sensor.

3. Pump sensor (MANDATORY)
4. Flow sensor (OPTIONAL)

PUMPS MODEL	CODE (inverter not included)	PUMPS VOLTAGE 50 Hz	INVERTER MODEL	CODE	ADAC VOLTAGE 50 Hz	PRESSURE SENSOR MODEL **REQUIRED**	CODE
MICRA HS 302-4	60151499	Three-phase 3x230 V~	**ADAC M/T 2.2**	60145524	Single-phase 1x230 V~	**PRESS. SENSOR 25 BAR COMPL. WITH CABLE (4 MT.)**	88002533
MICRA HS 302-6	60146564	Three-phase 3x230 V~					
MICRA HS 302-8	60146565	Three-phase 3x230 V~					
MICRA HS 303-5	60151195	Three-phase 3x230 V~					
MICRA HS 304-4	60152301	Three-phase 3x230 V~					

Optional accessories for ADAC installation pag. 19

MICRA

3" SUBMERSIBLE PUMPS





CB(1)



BOOSTER

(1)Required for single-phase versions

DOMESTIC WATER SUPPLY

Centrifugal type. Directly coupled pump and motor with rigid coupling. Impellers and thrust rings in Noryl and diffusers in self-lubricating polyacetyl. Pump liner, shaft and coupling, strainer and cable sheath in stainless steel. Base support and head in brass with check valve incorporated in head. Submersible asynchronous two-pole motor made entirely of AISI 304 stainless steel with brass bearings. Squirrel cage rotor in copper mounted on Kingsbury thrust block. Cooling of the thrust bearing assembly and the bushings is provided by water, thereby eliminating the risk of oil contamination. Canned-type stator in an airtight casing made of AISI 304L stainless steel. The automatic reset thermal protection device is integral with the motor.

Liquid quality requirements: clean, free of solid or abrasive contaminants, non-viscous, chemically neutral, close to the properties of water.
Liquid temperature range: da 0° C a +35° C
Maximum permissible sand quantity: 40 g/m^3
Protection rating: IP 68
Heat insulation class: F
Max. no. of starts: 20/h
Power cable: MICRA 50 - 1 m.
MICRA 75 - 1,2 m.
MICRA 100 - 1,4 m.

Ready-to-install kit available including single phase electric pump with 15m cable and double capacitor control panel.

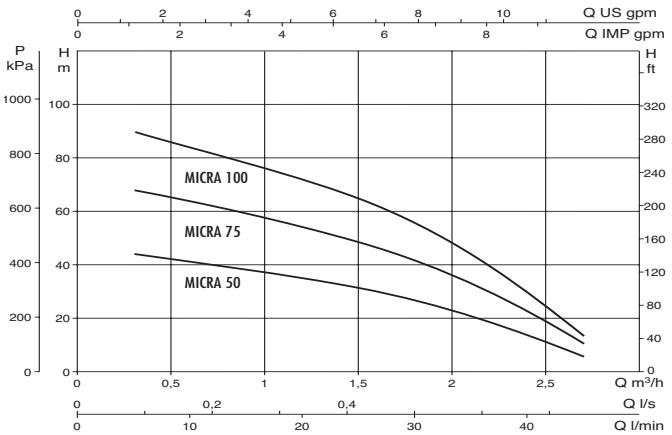
ACCESSORIES
PAG. 603

TECHNICAL DATA

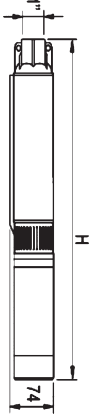
MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA (n ~ 2800 1/min)								
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	CAPACITOR µF	CAPACITOR Vc	Q m^3/h l/min	0,3 5	0,6 10	0,9 15	1,2 20	1,5 25	1,8 30	2,1 35	2,4 40	2,7 45
MICRA 50 M	0090114	1x230 V ~	0,65	0,37	0,5	3,3	12	450		45	41	38	35	31	27	21	14	6
MICRA 75 M	0090418	1x230 V ~	0,95	0,55	0,75	5,1	16	450		68	64	59	54	48	42	33	23	11
MICRA 75 T	0090618	3x400 V ~	0,9	0,55	0,75	1,9	-	-		68	64	59	54	48	42	33	23	11
MICRA 100 M	0090817	1x230 V ~	1,2	0,75	1	6,1	20	450		90	84	78	72	65	56	44	30	14
MICRA 100 T	0090944	3x400 V ~	1,15	0,75	1	2,4	-	-	H (m)	90	84	78	72	65	56	44	30	14
MICRA 50 M + 15 mt. cable + Control Box Booster*	0090116	1x230 V ~	0,65	0,37	0,5	3,3	12	450		45	41	38	35	31	27	21	14	6
MICRA 75 M + 15 mt. cable + Control Box Booster*	0090419	1x230 V ~	0,95	0,55	0,75	5,1	16	450		68	64	59	54	48	42	33	23	11
MICRA 100 M + 15 mt. cable + Control Box Booster*	0090818	1x230 V ~	1,2	0,75	1	6,1	20	450		90	84	78	72	65	56	44	30	14

*** Double capacitor booster control panel to optimize the starting torque**

MICRA



DIMENSIONS AND WEIGHTS



MODEL	Ø	H	DNM	PACKAGING DIMENSIONS Ø	PACKAGING DIMENSIONS H	WEIGHT KG
MICRA 50	74	930	1"	86	1150	9
MICRA 75	74	1145	1"	86	1350	10,2
MICRA 100	74	1390	1"	86	1600	13,6

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HIGH EFFICIENCY

NEW

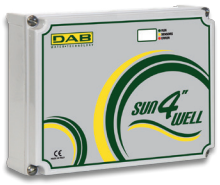
SUN4WELL

4" SUBMERSIBLE ELECTRIC SOLAR PUMP

WATER SUPPLY BY PHOTOVOLTAIC PANELS



PERMANENT MAGNETS MOTOR



Sun4Well is the new DAB system for the supply of drinking water based on the most widely available renewable energy, the sun.
By means of the electric power supplied by a series of photovoltaic panels and taking advantage of the combination of a 4" submersible pump and an inverter-type controller, the system is able to ensure a continuous drawing of water from underground while the solar irradiation conditions may vary. The permanent-magnet motor technology assure high efficiency of the system that, consequently, can require a smaller number of photovoltaic panels in order to work. It is designed for easy use and requires no maintenance. It is the ideal solution for supplying water in remote areas, where the normal power supply of electricity to the power grid is inconstant or completely unavailable.

S4 HYDRAULIC CHARACTERISTICS
- Base support and upper head.
- impellers and diffusers in Noryl.
- resistant to sand (maximum content 120g/m3).
- Five hydraulic models available (maximum pressure 110m, maximum flow 9 m3/h).

MOTOR CHARACTERISTICS
- A 4", lubricated, brushless motor with permanent magnet rotor.
- Three-phase configuration – 8 poles.
- Supply voltage: 56V.

CONTROL UNIT CHARACTERISTICS
- PWM modulation.
- IGBT power stage.
- Integrated MPPT algorithm.
- sensor less position control.
- input voltage: 25V – 80V DC.
- maximum input current: 10 A.
- maximum power supplied : 800W.

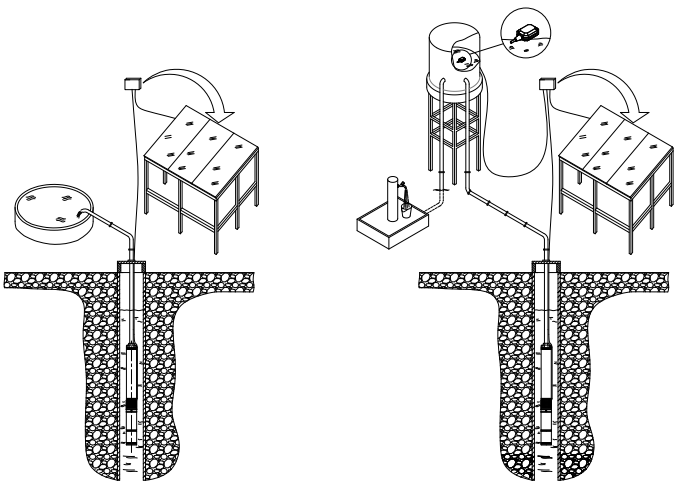
The package contains the hydraulic part, motor, control unit and capacitive sensor against dry running.

TECHNICAL DATA

MODEL	CODE	P2 NOMINAL W	HYDRAULIC DATA *											
			Q (m^3/h)	0	0,6	1,2	1,5	1,8	2,4	3	4,2	4,8	6	9	11,4
			(l/min)	0	10	20	25	30	40	50	70	80	100	150	190
S4A 25	60162354	800		159,4	138,7	83,7	42,7								
S4B 16	60162355	800		99,2	95,7	83	72,5	61	32						
S4C 13	60162356	800	H (m)	71,5		68,9	66,4	63,7	57,2	49,2	28,6				
S4D 8	60162357	800		48				46	44	42	36	32,5	22,4		
S4E 6	60162358	800		40,5							31,5	30	27	17,6	7,7

On demand is available a complete package for the installation with:
hydraulic part, motor, control unit, capacitive sensor, photovoltaics panels and ground structure for photovoltaic panel

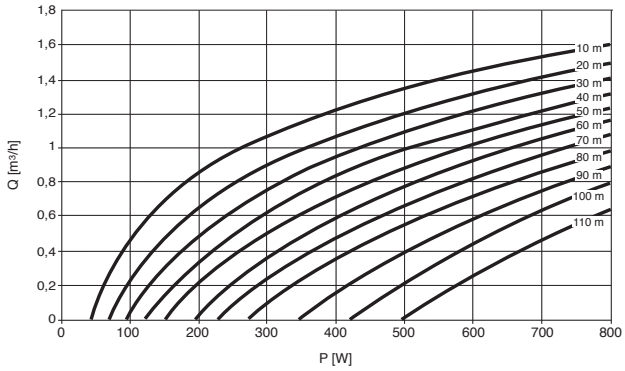
IMPORTANT *
The performances of the electric pump depend on the available solar power.
The open circuit voltage (Voc) of the series of photovoltaic panels should be the higher possible but not above the value of 100 V.
The array of photovoltaic panels must ensure a power of at least 800 W.



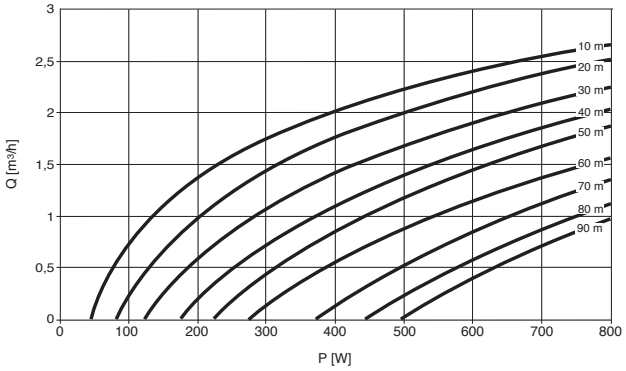
APPLICATION AND USE

Sun4Well allows the direct conversion of solar energy in water stored in tanks or cisterns, without using batteries. Common applications of this system are the collection of water for farming/irrigation, for animal rearing or for direct consumption.
Examples of installation with a tank with only control against dry running or installation with a cistern with control against dry running and a control float inside the cistern.

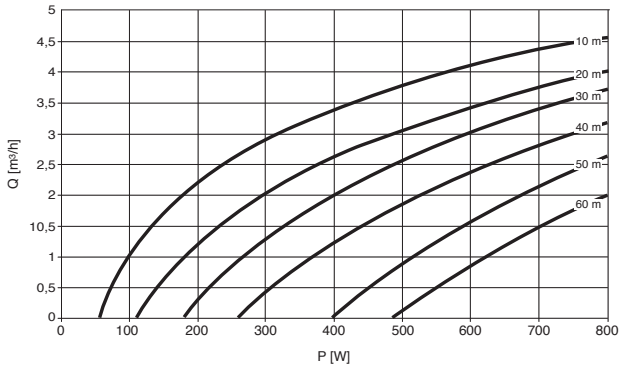
SUN 4" WELL S4A25



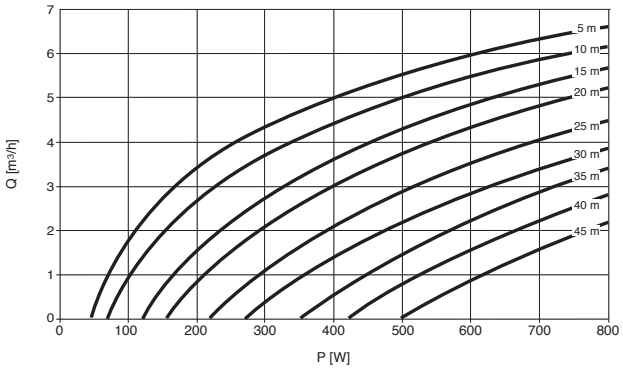
SUN 4" WELL S4B16



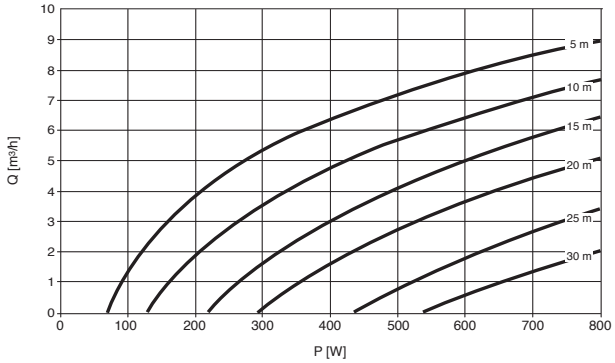
SUN 4" WELL S4C13



SUN 4" WELL S4D8



SUN 4" WELL S4E6



DAB PUMPS reserves the right to make modifications without notice

CS4 - water filled motor

4" SUBMERSIBLE PUMPS

SAND RESISTANT



DOMESTIC WATER SUPPLY

Multistage, centrifugal, submersible motor-driven pumps for 4" wells or larger, able to generate a vast range of heads and flow rates.
They can be employed in a wide range of lifting, distributing and pressurising applications in civil and industrial water installations, supplying autoclaves and cisterns, fire fighting and washing systems, irrigation systems.
Constructional characteristics:
Base support (with built-in filter) and upper head (with built-in check valve) in technopolymer. Plastic cable cover.
Two-pole, water-filled, submersible TESLA electric motor, built entirely in AISI 304 stainless steel for the parts in contact with the water. Canned-type stator.
Capacitor and manually resettable overload protection inside the panel.
Protection for the three-phase version is the responsibility of the user.

Complete with Control Box, 15 or 30 m of electric wire (depending on the models) and safety cord.
Pumped liquid: clean, free from solid or abrasive substances, chemically neutral and close to the characteristics of water
Liquid temp. range: from 0°C to +40°C
Motor protection level: IP 68
Insulation class: F
Special versions on request: with different voltages and/or frequencies.
Maximum content of sand: 120 g/m³
Available on request, for the single-phase version, a dual capacitor control panel (BOOSTER) to increase starting torque.

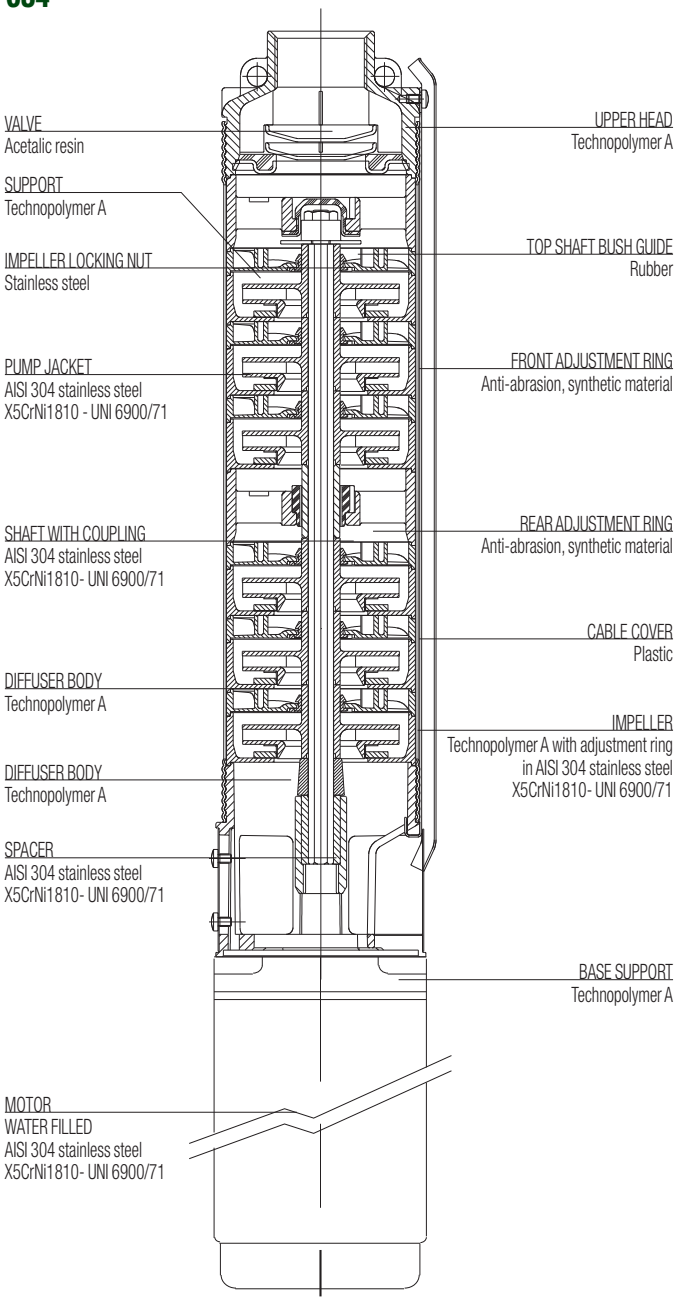
TECHNICAL DATA

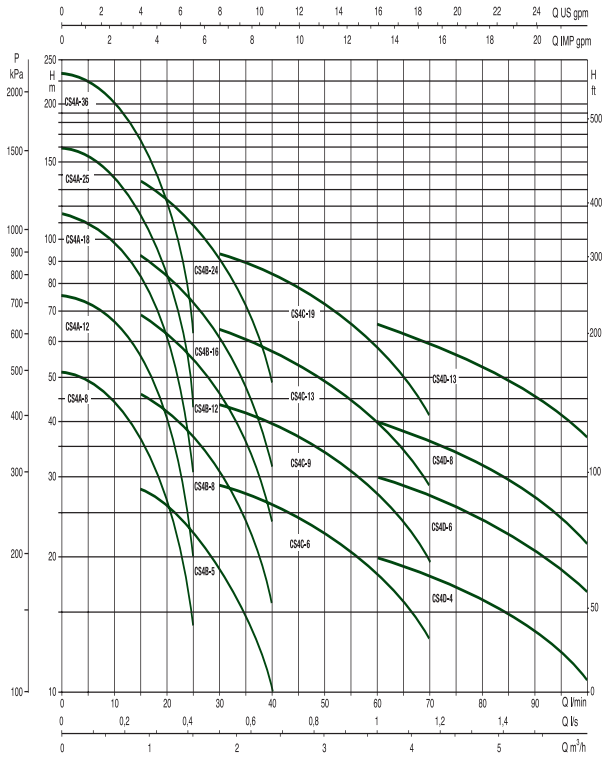
MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA										DNM	H mm	LENGHT CABLE mt.	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m³h	0	0,6	1,2	1,5	1,8	2,4	3	4,2	4,8	6					
						Q=l/min	0	10	20	25	30	40	50	70	80	100					
CS4A-8 M	104100202	1x230 V ~	0,37	0,5	3,3		51	44,4	26,8	13,7							1 1/4" G-F	577	15	13	27
CS4A-12 M	104100212	1x230 V ~	0,37	0,5	3,3		76,5	66,6	40,2	20,5							1 1/4" G-F	677	15	14,7	27
CS4A-12 T	104103012	3x400 V ~	0,37	0,5	1,6		76,5	66,6	40,2	20,5							1 1/4" G-F	657	15	12,9	27
CS4A-18 M	104100222	1x230 V ~	0,55	0,75	4,6		114,8	99,8	60,3	30,8							1 1/4" G-F	825	30	18,3	18
CS4A-18 T	104103022	3x400 V ~	0,55	0,75	1,9		114,8	99,8	60,3	30,8							1 1/4" G-F	795	30	17,2	18
CS4A-25 M	104100232	1x230 V ~	0,75	1	6,2		159,4	138,7	83,7	42,7							1 1/4" G-F	993	30	22	18
CS4A-25 T	104103032	3x400 V ~	0,75	1	2,4		159,4	138,7	83,7	42,7							1 1/4" G-F	965	30	19,4	18
CS4A-36 M	104100242	1x230 V ~	1,1	1,5	8,6		229,5	200	120,6	61,6							1 1/4" G-F	1303	30	25	18
CS4A-36 T	104103042	3x400 V ~	1,1	1,5	3,4		229,5	200	120,6	61,6							1 1/4" G-F	1245	30	22,6	18
CS4B-5 M	104100402	1x230 V ~	0,37	0,5	3,3		31	30	26	22,6	19	10					1 1/4" G-F	530	15	12,5	27
CS4B-8 M	104100412	1x230 V ~	0,37	0,5	3,3		49,6	47,8	41,5	36,2	30,6	16					1 1/4" G-F	617	15	14	27
CS4B-8 T	104103212	3x400 V ~	0,37	0,5	1,6		49,6	47,8	41,5	36,2	30,6	16					1 1/4" G-F	597	15.	12,2	27
CS4B-12 M	104100422	1x230 V ~	0,55	0,75	4,6		74,4	71,8	62,3	54,4	45,8	24					1 1/4" G-F	735	15	15,9	18
CS4B-12 T	104103222	3x400 V ~	0,55	0,75	1,9		74,4	71,8	62,3	54,4	45,8	24					1 1/4" G-F	707	15	13,5	18
CS4B-16 M	104100432	1x230 V ~	0,75	1	6,2		99,2	95,7	83	72,5	61	32					1 1/4" G-F	853	30	20	18
CS4B-16 T	104103232	3x400 V ~	0,75	1	2,4		99,2	95,7	83	72,5	61	32					1 1/4" G-F	825	30	18,4	18
CS4B-24 M	104100442	1x230 V ~	1,1	1,5	8,6	H	148,8	143,5	124,6	108,7	91,7	48					1 1/4" G-F	1090	30	25	18
CS4B-24 T	104103242	3x400 V ~	1,1	1,5	3,4	(m)	148,8	143,5	124,6	108,7	91,7	48					1 1/4" G-F	1033	30	21	18
CS4C-6 M	104100602	1x230 V ~	0,37	0,5	3,3		33		31,8	30,7	29,4	26,4	22,7	13,2			1 1/4" G-F	632	15	14,1	27
CS4C-6 T	104103402	3x400 V ~	0,37	0,5	1,6		33		31,8	30,7	29,4	26,4	22,7	13,2			1 1/4" G-F	612	15	12	27
CS4C-9 M	104100612	1x230 V ~	0,55	0,75	4,6		49,5		47,7	46	44	39,6	34	19,8			1 1/4" G-F	758	15	14,8	18
CS4C-9 T	104103412	3x400 V ~	0,55	0,75	1,9		49,5		47,7	46	44	39,6	34	19,8			1 1/4" G-F	729	15	13	18
CS4C-13 M	104100622	1x230 V ~	0,75	1	6,2		71,5		68,9	66,4	63,7	57,2	49,2	28,6			1 1/4" G-F	915	30	21,2	18
CS4C-13 T	104103422	3x400 V ~	0,75	1	2,4		71,5		68,9	66,4	63,7	57,2	49,2	28,6			1 1/4" G-F	884	30	18,5	18
CS4C-19 M	104100632	1x230 V ~	1,1	1,5	8,6		104,5		100,7	97	93	83,6	71,8	41,8			1 1/4" G-F	1168	30	23,7	18
CS4C-19 T	104103432	3x400 V ~	1,1	1,5	3,4		104,5		100,7	97	93	83,6	71,8	41,8			1 1/4" G-F	1110	30	21,3	18
CS4D-4 M	104100802	1x230 V ~	0,37	0,5	3,3		24				23	22	21,8	18	16,2	11,2	1 1/4" G-F	567	15	14	27
CS4D-4 T	104103602	3x400 V ~	0,37	0,5	1,6		24				23	22	21,8	18	16,2	11,2	1 1/4" G-F	547	15	11,8	27
CS4D-6 M	104100812	1x230 V ~	0,55	0,75	4,6		36				34,5	33	31,5	27	24,3	16,8	1 1/4" G-F	660	15	14,2	27
CS4D-6 T	104103612	3x400 V ~	0,55	0,75	1,9		36				34,5	33	31,5	27	24,3	16,8	1 1/4" G-F	632	15	13,1	27
CS4D-8 M	104100822	1x230 V ~	0,75	1	6,2		48				46	44	42	36	32,5	22,4	1 1/4" G-F	753	15	17,2	18
CS4D-8 T	104103622	3x400 V ~	0,75	1	2,4		48				46	44	42	36	32,5	22,4	1 1/4" G-F	725	15	14,6	18
CS4D-13 M	104100832	1x230 V ~	1,1	1,5	8,6		78				74,7	71,5	68,3	59	52,6	36,4	1 1/4" G-F	973	30	22,6	18
CS4D-13 T	104103632	3x400 V ~	1,1	1,5	3,4		78				74,7	71,5	68,3	59	52,6	36,4	1 1/4" G-F	915	30	20,2	18

AVAILABLE TRHREEPHASE 3 X 230 V VERSION

DAB PUMPS reserves the right to make modifications without notice

CS4





DAB PUMPS reserves the right to make modifications without notice



CS4 - oil filled motor

4" SUBMERSIBLE PUMPS

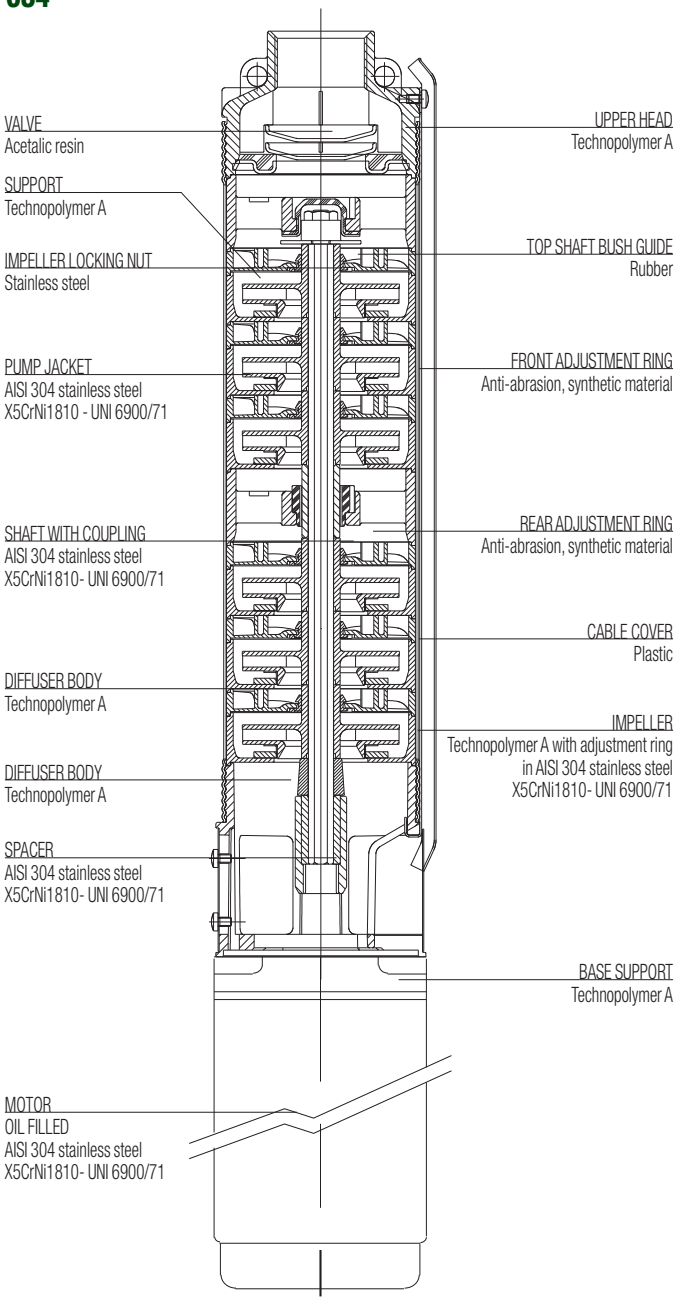
DOMESTIC WATER SUPPLY

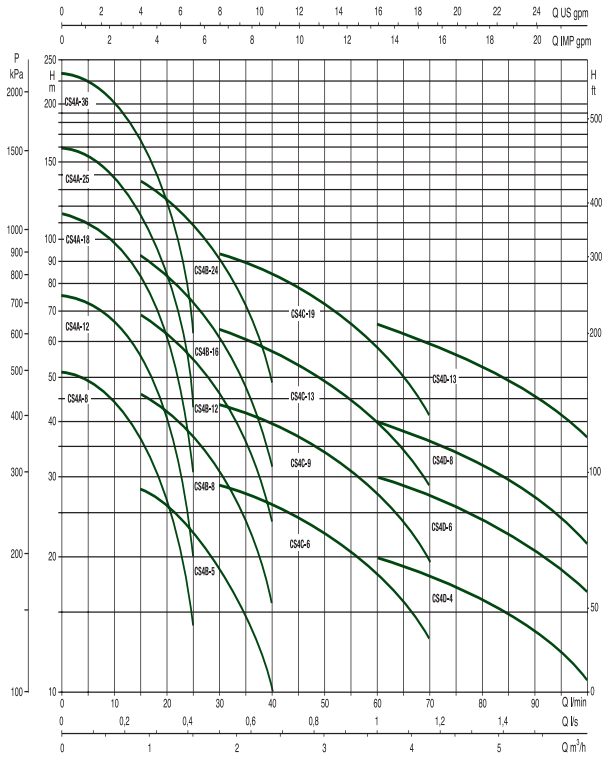
Multistage electro pump, centrifugal, submersible for 4" wells or larger, able to produce a wide range of flow rates and heads.
They can be used in a wide range of applications for lifting, pressurizing and distribution, in civil and industrial installations, autoclave and cistern inlets supply, fire fighting, washing plants and irrigation systems.
Construction features:
Base support (with built-in filter) and upper head (with built-in check valve) in technopolymer. Cable cover in plastic.
TESLA two-pole electric motor, oil-filled, submersible, made entirely of AISI 304 stainless steel for the parts in contact with water.
Rewindable stator.
The condenser and overload protection with manual reset are placed in the control panel.
User protection for three-phase version.
Includes Control Box, 15 or 30 m cable (depending on the model) and safety lanyard.
Pumped liquid: clean, free from solids or abrasive substances, chemically neutral, close to water characteristics.
Liquid temperature range: from 0 ˚C to +40 ˚C.
Degree of motor protection: IP 68.
Insulation class: F.
Special features on request:
with other voltages and / or frequencies.
Maximum admitted amount of sand: 120 g/m3.
Available on request, for the single-phase version, a dual capacitor control panel (BOOSTER) to increase starting torque.

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA										DNM	H mm	LENGHT CABLE mt.	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m³h	0	0,6	1,2	1,5	1,8	2,4	3	4,2	4,8	6					
						Q=l/min	0	10	20	25	30	40	50	70	80	100					
CS4A-8 M	60117084	1x230 V ~	0,37	0,5	3,5		51	44,4	26,8	13,7							1 1/4" G-F	680	15	12,7	27
CS4A-12 M	60117085	1x230 V ~	0,37	0,5	3,5		76,5	66,6	40,2	20,5							1 1/4" G-F	760	15	14,4	27
CS4A-12 T	60117099	3x400 V ~	0,37	0,5	1,6		76,5	66,6	40,2	20,5							1 1/4" G-F	760	15	13,5	27
CS4A-18 M	60117086	1x230 V ~	0,55	0,75	4,5		114,8	99,8	60,3	30,8							1 1/4" G-F	900	30	17,9	18
CS4A-18 T	60117100	3x400 V ~	0,55	0,75	2,2		114,8	99,8	60,3	30,8							1 1/4" G-F	880	30	17,1	18
CS4A-25 M	60117087	1x230 V ~	0,75	1	6,3		159,4	138,7	83,7	42,7							1 1/4" G-F	1070	30	22	18
CS4A-25 T	60117101	3x400 V ~	0,75	1	2,6		159,4	138,7	83,7	42,7							1 1/4" G-F	1040	30	19	18
CS4A-36 M	60117088	1x230 V ~	1,1	1,5	8,5		229,5	200	120,6	61,6							1 1/4" G-F	1342,5	30	24,1	18
CS4A-36 T	60117102	3x400 V ~	1,1	1,5	3,6		229,5	200	120,6	61,6							1 1/4" G-F	1322,5	30	21,7	18
CS4B-5 M	60117089	1x230 V ~	0,37	0,5	3,5		31	30	26	22,6	19	10					1 1/4" G-F	632,5	15	12,2	27
CS4B-8 M	60115095	1x230 V ~	0,37	0,5	3,5		49,6	47,8	41,5	36,2	30,6	16					1 1/4" G-F	700	15	13,7	27
CS4B-8 T	60117103	3x400 V ~	0,37	0,5	1,6		49,6	47,8	41,5	36,2	30,6	16					1 1/4" G-F	700	15.	12,8	27
CS4B-12 M	60117090	1x230 V ~	0,55	0,75	4,5		74,4	71,8	62,3	54,4	45,8	24					1 1/4" G-F	810	15	15,5	18
CS4B-12 T	60117104	3x400 V ~	0,55	0,75	2,2		74,4	71,8	62,3	54,4	45,8	24					1 1/4" G-F	790	15	13,4	18
CS4B-16 M	60117091	1x230 V ~	0,75	1	6,3		99,2	95,7	83	72,5	61	32					1 1/4" G-F	930	30	20	18
CS4B-16 T	60117105	3x400 V ~	0,75	1	2,6		99,2	95,7	83	72,5	61	32					1 1/4" G-F	900	30	18	18
CS4B-24 M	60117092	1x230 V ~	1,1	1,5	8,5	H	148,8	143,5	124,6	108,7	91,7	48					1 1/4" G-F	1130	30	24,1	18
CS4B-24 T	60117106	3x400 V ~	1,1	1,5	3,6	(m)	148,8	143,5	124,6	108,7	91,7	48					1 1/4" G-F	1110	30	20,9	18
CS4C-6 M	60117093	1x230 V ~	0,37	0,5	3,5		33		31,8	30,7	29,4	26,4	22,7	13,2			1 1/4" G-F	715	15	13,8	27
CS4C-6 T	60117107	3x400 V ~	0,37	0,5	1,6		33		31,8	30,7	29,4	26,4	22,7	13,2			1 1/4" G-F	715	15	12,6	27
CS4C-9 M	60117094	1x230 V ~	0,55	0,75	4,5		49,5		47,7	46	44	39,6	34	19,8			1 1/4" G-F	832,5	15	14,4	18
CS4C-9 T	60117108	3x400 V ~	0,55	0,75	2,2		49,5		47,7	46	44	39,6	34	19,8			1 1/4" G-F	812,5	15	12,9	18
CS4C-13 M	60114330	1x230 V ~	0,75	1	6,3		71,5		68,9	66,4	63,7	57,2	49,2	28,6			1 1/4" G-F	992,5	30	21,2	18
CS4C-13 T	60117109	3x400 V ~	0,75	1	2,6		71,5		68,9	66,4	63,7	57,2	49,2	28,6			1 1/4" G-F	962,5	30	18,1	18
CS4C-19 M	60117095	1x230 V ~	1,1	1,5	8,5		104,5		100,7	97	93	83,6	71,8	41,8			1 1/4" G-F	1207,5	30	22,9	18
CS4C-19 T	60117110	3x400 V ~	1,1	1,5	3,6		104,5		100,7	97	93	83,6	71,8	41,8			1 1/4" G-F	1187,5	30	20,4	18
CS4D-4 M	60117096	1x230 V ~	0,37	0,5	3,5		24				23	22	21,8	18	16,2	11,2	1 1/4" G-F	650	15	13,7	27
CS4D-4 T	60117111	3x400 V ~	0,37	0,5	1,6		24				23	22	21,8	18	16,2	11,2	1 1/4" G-F	650	15	12,4	27
CS4D-6 M	60117097	1x230 V ~	0,55	0,75	4,5		36				34,5	33	31,5	27	24,3	16,8	1 1/4" G-F	735	15	13,8	27
CS4D-6 T	60117112	3x400 V ~	0,55	0,75	2,2		36				34,5	33	31,5	27	24,3	16,8	1 1/4" G-F	715	15	13	27
CS4D-8 M	60117098	1x230 V ~	0,75	1	6,3		48				46	44	42	36	32,5	22,4	1 1/4" G-F	830	15	17,2	18
CS4D-8 T	60117113	3x400 V ~	0,75	1	2,6		48				46	44	42	36	32,5	22,4	1 1/4" G-F	800	15	14,2	18
CS4D-13 M	60115096	1x230 V ~	1,1	1,5	8,5		78				74,7	71,5	68,3	59	52,6	36,4	1 1/4" G-F	1012,5	30	21,7	18
CS4D-13 T	60117114	3x400 V ~	1,1	1,5	3,6		78				74,7	71,5	68,3	59	52,6	36,4	1 1/4" G-F	992,5	30	20,7	18

CS4





DAB PUMPS reserves the right to make modifications without notice

S4 - water filled motor

4" SUBMERSIBLE PUMPS

SAND RESISTANT

DOMESTIC, INDUSTRIAL WATER SUPPLY



Multistage, centrifugal, submersible motor-driven pumps for 4" wells or larger, able to generate a vast range of heads and flow rates.
They can be employed in a wide range of lifting, distributing and pressurising applications in civil and industrial water installations, supplying autoclaves and cisterns, fire fighting and washing systems, irrigation systems.

Constructional characteristics:

Base support and upper head (with built-in check valve) in stainless steel. Stainless steel cable cover.
Two-pole, water-filles, submersible TESLA electric motor, built entirely in AISI 304 stainless steel for the parts in contact with the water. Canned-type stator.
Capacitor and manually resettable overload protection inside the panel.
Protection for the three-phase version is the responsibility of the user.

Pumped liquid: clean, free from solid or abrasive substances, chemically neutral and close to the characteristics of water
Liquid temp. range: from 0°C to +40°C
Motor protection level: IP 68
Insulation class: F
Special versions on request: with different voltages and/or frequencies.
Maximum content of sand: 120 g/m^3
Available on request, for the single-phase version, a dual capacitor control panel (BOOSTER) to increase starting torque.

ACCESSORIES
PAG. 603

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA																DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		In	Q=m³h	0	0,6	1,2	1,5	1,8	2,4	3	4,2	4,8	6	9	11,4	18	24	27		
			kW	HP	A	Q=l/min	0	10	20	25	30	40	50	70	80	100	150	190	300	400	450		
S4 A 8 M	504100202	1x230 V ~	0,37	0,5	3,3		51	44,4	26,8	13,7												1 1/4" G-F	11,2
S4 A 12 M	504100212	1x230 V ~	0,37	0,5	3,3		76,5	66,6	40,2	20,5												1 1/4" G-F	12,5
S4 A 18 M	504100222	1x230 V ~	0,55	0,75	4,6		114,8	99,8	60,3	30,8												1 1/4" G-F	14,5
S4 A 18 T	504104212	3x230 V ~	0,55	0,75	3,3		114,8	99,8	60,3	30,8												1 1/4" G-F	13,2
S4 A 18 T	504103022	3x400 V ~	0,55	0,75	1,9		114,8	99,8	60,3	30,8												1 1/4" G-F	13,2
S4 A 25 M	504100232	1x230 V ~	0,75	1	6,2		159,4	138,7	83,7	42,7												1 1/4" G-F	19,8
S4 A 25 T	504104222	3x230 V ~	0,75	1	4,1		159,4	138,7	83,7	42,7												1 1/4" G-F	15
S4 A 25 T	504103032	3x400 V ~	0,75	1	2,4		159,4	138,7	83,7	42,7												1 1/4" G-F	15
S4 A 36 M	504100242	1x230 V ~	1,1	1,5	8,6		229,5	200	120,6	61,6												1 1/4" G-F	19,8
S4 A 36 T	504104232	3x230 V ~	1,1	1,5	5,7		229,5	200	120,6	61,6												1 1/4" G-F	22,6
S4 A 36 T	504103042	3x400 V ~	1,1	1,5	3,4		229,5	200	120,6	61,6												1 1/4" G-F	22,6
S4 A 50 M	504100252	1x230 V ~	1,5	2	11		318,8	277,4	167,5	85,5												1 1/4" G-F	27,8
S4 A 50 T	504104242	3x230 V ~	1,5	2	7,6		318,8	277,4	167,5	85,5												1 1/4" G-F	26,8
S4 A 50 T	504103052	3x400 V ~	1,5	2	4,4		318,8	277,4	167,5	85,5												1 1/4" G-F	26,8
S4 B 5 M	504100402	1x230 V ~	0,37	0,5	3,3		31	30	26	22,6	19	10										1 1/4" G-F	10,8
S4 B 8 M	504100412	1x230 V ~	0,37	0,5	3,3	H (m)	49,6	47,8	41,5	36,2	30,6	16										1 1/4" G-F	12,1
S4 B 12 M	504100422	1x230 V ~	0,55	0,75	4,6		74,4	71,8	62,3	54,4	45,8	24										1 1/4" G-F	14
S4 B 12 T	504104292	3x230 V ~	0,55	0,75	3,3		74,4	71,8	62,3	54,4	45,8	24										1 1/4" G-F	12,5
S4 B 12 T	504103222	3x400 V ~	0,55	0,75	1,9		74,4	71,8	62,3	54,4	45,8	24										1 1/4" G-F	12,5
S4 B 16 M	504100432	1x230 V ~	0,75	1	6,2		99,2	95,7	83	72,5	61	32										1 1/4" G-F	15,9
S4 B 16 T	504104302	3x230 V ~	0,75	1	4,1		99,2	95,7	83	72,5	61	32										1 1/4" G-F	14,2
S4 B 16 T	504103232	3x400 V ~	0,75	1	2,4		99,2	95,7	83	72,5	61	32										1 1/4" G-F	14,2
S4 B 24 M	504100442	1x230 V ~	1,1	1,5	8,6		148,8	143,5	124,6	108,7	91,7	48										1 1/4" G-F	22,6
S4 B 24 T	504104312	3x230 V ~	1,1	1,5	5,7		148,8	143,5	124,6	108,7	91,7	48										1 1/4" G-F	16,7
S4 B 24 T	504103242	3x400 V ~	1,1	1,5	3,4		148,8	143,5	124,6	108,7	91,7	48										1 1/4" G-F	16,7
S4 B 32 M	504100452	1x230 V ~	1,5	2	11		198,4	191,4	166	144,9	122,2	64										1 1/4" G-F	25,4
S4 B 32 T	504104322	3x230 V ~	1,5	2	7,6		198,4	191,4	166	144,9	122,2	64										1 1/4" G-F	23,5
S4 B 32 T	504103252	3x400 V ~	1,5	2	4,4		198,4	191,4	166	144,9	122,2	64										1 1/4" G-F	23,5
S4 B 40 M	504100462	1x230 V ~	2,2	3	16		248	239,2	207,6	181,2	152,8	80										1 1/4" G-F	29
S4 B 40 T	504104332	3x230 V ~	2,2	3	10,2		248	239,2	207,6	181,2	152,8	80										1 1/4" G-F	25,3
S4 B 40 T	504103262	3x400 V ~	2,2	3	5,9		248	239,2	207,6	181,2	152,8	80										1 1/4" G-F	25,3

TECHNICAL DATA

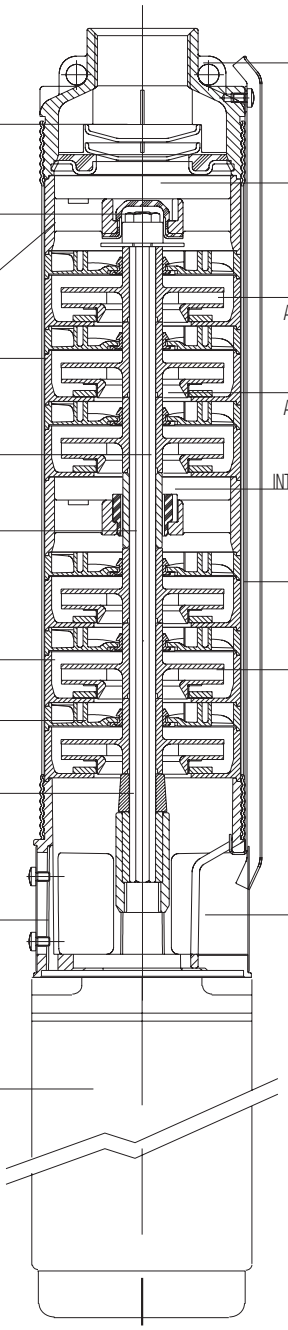
MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA															DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		In	Q=m³h	0	0,6	1,2	1,5	1,8	2,4	3	4,2	4,8	6	9	11,4	18	24	27		
			kW	HP	A	Q=l/min	0	10	20	25	30	40	50	70	80	100	150	190	300	400	450		
S4 B 48 M	**504100472**	1x230 V ~	2,2	3	16		297,6	287,1	249,2	217,4	183,4	96										1 1/4" G-F	32,3
S4 B 48 T	**504104342**	3x230 V ~	2,2	3	10,2		297,6	287,1	249,2	217,4	183,4	96										1 1/4" G-F	27,5
S4 B 48 T	**504103272**	3x400 V ~	2,2	3	5,9		297,6	287,1	249,2	217,4	183,4	96										1 1/4" G-F	27,5
S4 C 6 M	**504100602**	1x230 V ~	0,37	0,5	3,3		33		31,8	30,7	29,4	26,4	22,7	13,2								1 1/4" G-F	12
S4 C 9 M	**504100612**	1x230 V ~	0,55	0,75	4,6		49,5		47,7	46	44	39,6	34	19,8								1 1/4" G-F	14,2
S4 C 9 T	**504104392**	3x230 V ~	0,55	0,75	3,3		49,5		47,7	46	44	39,6	34	19,8								1 1/4" G-F	12,5
S4 C 9 T	**504103412**	3x400 V ~	0,55	0,75	1,9		49,5		47,7	46	44	39,6	34	19,8								1 1/4" G-F	12,5
S4 C 13 M	**504100622**	1x230 V ~	0,75	1	6,2		71,5		68,9	66,4	63,7	57,2	49,2	28,6								1 1/4" G-F	16,2
S4 C 13 T	**504104402**	3x230 V ~	0,75	1	4,1		71,5		68,9	66,4	63,7	57,2	49,2	28,6								1 1/4" G-F	14,5
S4 C 13 T	**504103422**	3x400 V ~	0,75	1	2,4		71,5		68,9	66,4	63,7	57,2	49,2	28,6								1 1/4" G-F	14,5
S4 C 19 M	**504100632**	1x230 V ~	1,1	1,5	8,6		104,5		100,7	97	93	83,6	71,8	41,8								1 1/4" G-F	18,6
S4 C 19 T	**504104412**	3x230 V ~	1,1	1,5	5,7		104,5		100,7	97	93	83,6	71,8	41,8								1 1/4" G-F	17,1
S4 C 19 T	**504103432**	3x400 V ~	1,1	1,5	3,4		104,5		100,7	97	93	83,6	71,8	41,8								1 1/4" G-F	17,1
S4 C 25 M	**504100642**	1x230 V ~	1,5	2	11		137,5		132,5	128	122,5	110	94,5	55								1 1/4" G-F	25,2
S4 C 25 T	**504104422**	3x230 V ~	1,5	2	7,6		137,5		132,5	128	122,5	110	94,5	55								1 1/4" G-F	23,2
S4 C 25 T	**504103442**	3x400 V ~	1,5	2	4,4		137,5		132,5	128	122,5	110	94,5	55								1 1/4" G-F	23,2
S4 C 32 M	**504100652**	1x230 V ~	2,2	3	16		176		169,6	163	156,8	140,8	120,9	70,4								1 1/4" G-F	27,4
S4 C 32 T	**504104432**	3x230 V ~	2,2	3	10,2		176		169,6	163	156,8	140,8	120,9	70,4								1 1/4" G-F	29,5
S4 C 32 T	**504103452**	3x400 V ~	2,2	3	5,9		176		169,6	163	156,8	140,8	120,9	70,4								1 1/4" G-F	29,5
S4 C 39 M	**504100662**	1x230 V ~	2,2	3	16		214,5		206,7	200	191,1	171,6	147,4	85,8								1 1/4" G-F	38
S4 C 39 T	**504104442**	3x230 V ~	2,2	3	10,2		214,5		206,7	200	191,1	171,6	147,4	85,8								1 1/4" G-F	33,5
S4 C 39 T	**504103462**	3x400 V ~	2,2	3	5,9		214,5		206,7	200	191,1	171,6	147,4	85,8								1 1/4" G-F	33,5
S4 C 45 T	**504104452**	3x230 V ~	3	4	14,3		247,5		238,5	229	220,5	198	170,1	99								1 1/4" G-F	42,6
S4 C 45 T	**504103472**	3x400 V ~	3	4	8,3		247,5		238,5	229	220,5	198	170,1	99								1 1/4" G-F	42,6
S4 C 51 T	**504104462**	3x230 V ~	3	4	14,3		280,5		270,3	261	250	224,4	192,8	112,2								1 1/4" G-F	44
S4 C 51 T	**504103482**	3x400 V ~	3	4	8,3		280,5		270,3	261	250	224,4	192,8	112,2								1 1/4" G-F	44
S4 D 4 M	**504100802**	1x230 V ~	0,37	0,5	3,3	H (m)	24				23	22	21,8	18	16,2	11,2						1 1/4" G-F	11,8
S4 D 6 M	**504100812**	1x230 V ~	0,55	0,75	4,6		36				34,5	33	31,5	27	24,3	16,8						1 1/4" G-F	13,5
S4 D 6 T	**504104512**	3x230 V ~	0,55	0,75	3,3		36				34,5	33	31,5	27	24,3	16,8						1 1/4" G-F	12
S4 D 6 T	**504103612**	3x400 V ~	0,55	0,75	1,9		36				34,5	33	31,5	27	24,3	16,8						1 1/4" G-F	12
S4 D 8 M	**504100822**	1x230 V ~	0,75	1	6,2		48				46	44	42	36	32,5	22,4						1 1/4" G-F	15
S4 D 8 T	**504104522**	3x230 V ~	0,75	1	4,1		48				46	44	42	36	32,5	22,4						1 1/4" G-F	13,5
S4 D 8 T	**504103622**	3x400 V ~	0,75	1	2,4		48				46	44	42	36	32,5	22,4						1 1/4" G-F	13,5
S4 D 13 M	**504100832**	1x230 V ~	1,1	1,5	8,6		78				74,7	71,5	68,3	59	52,6	36,4						1 1/4" G-F	17,5
S4 D 13 T	**504104532**	3x230 V ~	1,1	1,5	5,7		78				74,7	71,5	68,3	59	52,6	36,4						1 1/4" G-F	15,8
S4 D 13 T	**504103632**	3x400 V ~	1,1	1,5	3,4		78				74,7	71,5	68,3	59	52,6	36,4						1 1/4" G-F	15,8
S4 D 17 M	**504100842**	1x230 V ~	1,5	2	11		102				98	93,5	89,5	77,5	68,8	47,6						1 1/4" G-F	19,6
S4 D 17 T	**504104542**	3x230 V ~	1,5	2	7,6		102				98	93,5	89,5	77,5	68,8	47,6						1 1/4" G-F	17,8
S4 D 17 T	**504103642**	3x400 V ~	1,5	2	4,4		102				98	93,5	89,5	77,5	68,8	47,6						1 1/4" G-F	17,8
S4 D 21 M	**504100852**	1x230 V ~	2,2	3	16		126				121	115,5	110	96	85	58,8						1 1/4" G-F	24,9
S4 D 21 T	**504104552**	3x230 V ~	2,2	3	10,2		126				121	115,5	110	96	85	58,8						1 1/4" G-F	20,1
S4 D 21 T	**504103652**	3x400 V ~	2,2	3	5,9		126				121	115,5	110	96	85	58,8						1 1/4" G-F	20,1
S4 D 25 M	**504100862**	1x230 V ~	2,2	3	16		150				144	137,5	132	114,5	101,2	70						1 1/4" G-F	25,8
S4 D 25 T	**504104562**	3x230 V ~	2,2	3	10,2		150				144	137,5	132	114,5	101,2	70						1 1/4" G-F	26,5
S4 D 25 T	**504103662**	3x400 V ~	2,2	3	5,9		150				144	137,5	132	114,5	101,2	70						1 1/4" G-F	26,5
S4 D 29 T	**504104572**	3x230 V ~	3	4	14,3		174				166	159,5	152	132	117,4	81,2						1 1/4" G-F	32,5
S4 D 29 T	**504103672**	3x400 V ~	3	4	8,3		174				166	159,5	152	132	117,4	81,2						1 1/4" G-F	32,5
S4 D 34 T	**504104582**	3x230 V ~	3	4	14,3		204				196	187	179,5	155	137,7	95,2						1 1/4" G-F	36,5
S4 D 34 T	**504103682**	3x400 V ~	3	4	8,3		204				196	187	179,5	155	137,7	95,2						1 1/4" G-F	36,5
S4 D 38 T	**504104592**	3x230 V ~	4	5,5	17,3		228				219	209	200	173	153,9	106,4						1 1/4" G-F	43,6
S4 D 38 T	**504103692**	3x400 V ~	4	5,5	10		228				219	209	200	173	153,9	106,4						1 1/4" G-F	43,6
S4 D 45 T	**504104602**	3x230 V ~	4	5,5	17,3		270				259	247,5	237	205	182,2	127						1 1/4" G-F	46
S4 D 45 T	**504103702**	3x400 V ~	4	5,5	10		270				259	247,5	237	205	182,2	127						1 1/4" G-F	46

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TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA															DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		In	Q=m³h	0	0,6	1,2	1,5	1,8	2,4	3	4,2	4,8	6	9	11,4	18	24	27		
			kW	HP	A	Q=l/min	0	10	20	25	30	40	50	70	80	100	150	190	300	400	450		
S4 E 6 M	504101002	1x230 V ~	0,75	1	6,2		40,5							31,5	30	27	17,6	7,7				2" G-F	15,4
S4 E 6 T	504104642	3x230 V ~	0,75	1	4,1		40,5							31,5	30	27	17,6	7,7				2" G-F	13,9
S4 E 6 T	504103802	3x400 V ~	0,75	1	2,4		40,5							31,5	30	27	17,6	7,7				2" G-F	13,9
S4 E 8 M	504101012	1x230 V ~	1,1	1,5	8,6		54							42	40	37	23,4	10,3				2" G-F	17,1
S4 E 8 T	504104652	3x230 V ~	1,1	1,5	5,7		54							42	40	37	23,4	10,3				2" G-F	15,5
S4 E 8 T	504103812	3x400 V ~	1,1	1,5	3,4		54							42	40	37	23,4	10,3				2" G-F	15,5
S4 E 12 M	504101022	1x230 V ~	1,5	2	11		81							63	60	55	35,2	15,5				2" G-F	19,5
S4 E 12 T	504104662	3x230 V ~	1,5	2	7,6		81							63	60	55	35,2	15,5				2" G-F	18,5
S4 E 12 T	504103822	3x400 V ~	1,5	2	4,4		81							63	60	55	35,2	15,5				2" G-F	18,5
S4 E 17 M	504101032	1x230 V ~	2,2	3	16		114,8							89,5	86	78	49,8	21,9				2" G-F	25,9
S4 E 17 T	504104672	3x230 V ~	2,2	3	10,2		114,8							89,5	86	78	49,8	21,9				2" G-F	20,9
S4 E 17 T	504103832	3x400 V ~	2,2	3	5,9		114,8							89,5	86	78	49,8	21,9				2" G-F	20,9
S4 E 20 T	504104682	3x230 V ~	3	4	14,3		135							105	101,5	91	58,6	25,7				2" G-F	25,2
S4 E 20 T	504103842	3x400 V ~	3	4	8,3		135							105	101,5	91	58,6	25,7				2" G-F	25,2
S4 E 23 T	504104692	3x230 V ~	3	4	14,3		155,4							120,5	117	104,5	67,4	29,6				2" G-F	29,5
S4 E 23 T	504103852	3x400 V ~	3	4	8,3		155,4							120,5	117	104,5	67,4	29,6				2" G-F	29,5
S4 E 27 T	504104702	3x230 V ~	4	5,5	17,3	H (m)	182,4							141,5	137	122,5	79,2	34,8				2" G-F	45,8
S4 E 27 T	504103862	3x400 V ~	4	5,5	10		182,4							141,5	137	122,5	79,2	34,8				2" G-F	45,8
S4 E 31 T	504104712	3x230 V ~	4	5,5	17,3		209,4							162	156	140	90,9	39,9				2" G-F	47
S4 E 31 T	504103872	3x400 V ~	4	5,5	10		209,4							162	156	140	90,9	39,9				2" G-F	47
S4 E 36 T	504104722	3x230 V ~	5,5	7,5	24,2		243,2							188	180	162	105,5	46,5				2" G-F	62
S4 E 36 T	504103882	3x400 V ~	5,5	7,5	14		243,2							188	180	162	105,5	46,5				2" G-F	62
S4 E 42 T	504104732	3x230 V ~	5,5	7,5	24,2		283,7							220	211	189	123,2	54				2" G-F	65
S4 E 42 T	504103892	3x400 V ~	5,5	7,5	14		283,7							220	211	189	123,2	54				2" G-F	65
S4 F 7 M	504101122	1x230 V ~	2,2	3	16		40,5										36	33	24	15	11	2" G-F	23,5
S4 F 7 T	504104772	3x230 V ~	2,2	3	10,2		40,5										36	33	24	15	11	2" G-F	20
S4 F 7 T	504104002	3x400 V ~	2,2	3	5,9		40,5										36	33	24	15	11	2" G-F	20
S4 F 10 T	504104782	3x230 V ~	3	4	14,3		58										50,8	47	34	22	16	2" G-F	26
S4 F 10 T	504104012	3x400 V ~	3	4	8,3		58										50,8	47	34	22	16	2" G-F	26
S4 F 13 T	504104792	3x230 V ~	4	5,5	17,3		76										66	62	44,7	28	20	2" G-F	34,5
S4 F 13 T	504104022	3x400 V ~	4	5,5	10		76										66	62	44,7	28	20	2" G-F	34,5
S4 F 18 T	504104802	3x230 V ~	5,5	7,5	24,2		104,5										91	84	61,2	39	28	2" G-F	40
S4 F 18 T	504104032	3x400 V ~	5,5	7,5	14		104,5										91	84	61,2	39	28	2" G-F	40

S4



UPPER HEAD
microcast AISI 304
stainless steel

VALVE
AISI 304 stainless steel
X5CrNi1810- UNI 6900/71

TOP SHAFT BUSH GUIDE
Rubber

IMPELLER LOCKING NUT
Stainless steel

SUPPORT
Technopolymer A

FRONT ADJUSTMENT RING
Anti-abrasion, synthetic material

PUMP JACKET
AISI 304 stainless steel
X5CrNi1810 - UNI 6900/71

REAR ADJUSTMENT RING
Anti-abrasion, synthetic material

SHAFT WITH COUPLING
AISI 304 stainless steel
X5CrNi1810- UNI 6900/71

INTERMEDIATE SHAFT GUIDE BUSH
Acetalic resin

INTERMEDIATE BUSH
AISI 304 stainless steel
X5CrNi1810- UNI 6900/71

CABLE COVER
AISI 304 stainless steel
X5CrNi1 810 - UNI 6900/71

DIFFUSER BODY
Technopolymer A

IMPELLER
Technopolymer A
with adjustment ring
in AISI 304 stainless steel
X5CrNi1810- UNI 6900/71

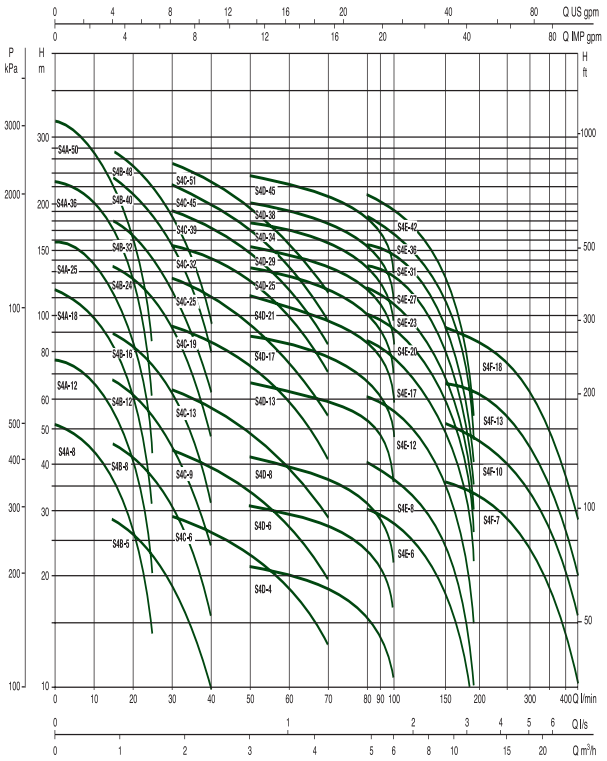
DIFFUSER
Technopolymer A

SPACER
AISI 304 stainless steel
X5CrNi1810- UNI 6900/71

FILTER
Stainless steel

BASE SUPPORT
microcas AISI 304
stainless stee

MOTOR
WATER FILLED
AISI 304 stainless steel
X5CrNi1810 - UNI 6900/71



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TECHNICAL DATA - ONLY HYDRAULIC PART

MODEL	CODE	ELECTRIC. DATA		HYDRAULIC DATA																DNM	WEIGHT Kg
		P2 NOMINAL		Q=m³h	0	0,6	1,2	1,5	1,8	2,4	3	4,2	4,8	6	9	11,4	18	24	27		
		kW	HP	Q=l/min	0	10	20	25	30	40	50	70	80	100	150	190	300	400	450		
S4A 8	504200200	0,25	0,33		51	44,4	26,8	13,7												1 1/4" G-F	3,6
S4A 12	504200210	0,37	0,5		76,5	66,6	40,2	20,5												1 1/4" G-F	4,1
S4A 18	504200220	0,55	0,75		114,8	99,8	60,3	30,8												1 1/4" G-F	4,8
S4A 25	504200230	0,75	1		159,4	138,7	83,7	42,7												1 1/4" G-F	5,6
S4A 36	504200240	1,1	1,5		229,5	200	120,6	61,6												1 1/4" G-F	7,3
S4A 50	504200250	1,5	2		318,8	277,4	167,5	85,5												1 1/4" G-F	9
S4B 5	504200400	0,25	0,33		31	30	26	22,6	19	10										1 1/4" G-F	3,2
S4B 8	504200410	0,37	0,5		49,6	47,8	41,5	36,2	30,6	16										1 1/4" G-F	3,7
S4B 12	504200420	0,55	0,75		74,4	71,8	62,3	54,4	45,8	24										1 1/4" G-F	4,2
S4B 16	504200430	0,75	1		99,2	95,7	83	72,5	61	32										1 1/4" G-F	4,8
S4B 24	504200440	1,1	1,5		148,8	143,5	124,6	108,7	91,7	48										1 1/4" G-F	5,8
S4B 32	504200450	1,5	2		198,4	191,4	166	144,9	122,2	64										1 1/4" G-F	7
S4B 40	504200460	2,2	3		248	239,2	207,6	181,2	152,8	80										1 1/4" G-F	8,2
S4B 48	504200470	2,2	3		297,6	287,1	249,2	217,4	183,4	96										1 1/4" G-F	9,7
S4C 6	504200600	0,37	0,5		33		31,8	30,7	29,4	26,4	22,7	13,2								1 1/4" G-F	3,7
S4C 9	504200610	0,55	0,75		49,5		47,7	46	44	39,6	34	19,8								1 1/4" G-F	4,4
S4C 13	504200620	0,75	1		71,5		68,9	66,4	63,7	57,2	49,2	28,6								1 1/4" G-F	5
S4C 19	504200630	1,1	1,5		104,5		100,7	97	93	83,6	71,8	41,8								1 1/4" G-F	6
S4C 25	504200640	1,5	2		137,5		132,5	128	122,5	110	94,5	55								1 1/4" G-F	7,2
S4C 32	504200650	2,2	3		176		169,6	163	156,8	140,8	120,9	70,4								1 1/4" G-F	9,2
S4C 39	504200660	2,2	3		214,5		206,7	200	191,1	171,6	147,4	85,8								1 1/4" G-F	10,4
S4C 45	504200670	3	4		247,5		238,5	229	220,5	198	170,1	99								1 1/4" G-F	11,8
S4C 51	504200680	3	4		280,5		270,3	261	250	224,4	192,8	112,2								1 1/4" G-F	15,5
S4D 4	504200800	0,37	0,5	H (m)	24				23	22	21,8	18	16,2	11,2						1 1/4" G-F	3,3
S4D 6	504200810	0,55	0,75		36				34,5	33	31,5	27	24,3	16,8						1 1/4" G-F	3,7
S4D 8	504200820	0,75	1		48				46	44	42	36	32,5	22,4						1 1/4" G-F	4,5
S4D 13	504200830	1,1	1,5		78				74,7	71,5	68,3	59	52,6	36,4						1 1/4" G-F	5
S4D 17	504200840	1,5	2		102				98	93,5	89,5	77,5	68,8	47,6						1 1/4" G-F	5,7
S4D 21	504200850	2,2	3		126				121	115,5	110	96	85	58,8						1 1/4" G-F	6,6
S4D 25	504200860	2,2	3		150				144	137,5	132	114,5	101,2	70						1 1/4" G-F	7,5
S4D 29	504200870	3	4		174				166	159,5	152	132	117,4	81,2						1 1/4" G-F	8,3
S4D 34	504200880	3	4		204				196	187	179,5	155	137,7	95,2						1 1/4" G-F	7,5
S4D 38	504200890	4	5,5		228				219	209	200	173	153,9	106,4						1 1/4" G-F	10,4
S4D 45	504200900	4	5,5		270				259	247,5	237	205	182,2	127						1 1/4" G-F	12
S4E 6	504201000	0,75	1		40,5							31,5	30	27	17,6	7,7				2" G-F	4,3
S4E 8	504201010	1,1	1,5		54							42	40	37	23,4	10,3				2" G-F	4,8
S4E 12	504201020	1,5	2		81							63	60	55	35,2	15,5				2" G-F	6,1
S4E 17	504201030	2,2	3		114,8							89,5	86	78	49,8	21,9				2" G-F	7,5
S4E 20	504201040	3	4		135							105	101,5	91	58,6	25,7				2" G-F	8,6
S4E 23	504201050	3	4		155,4							120,5	117	104,5	67,4	29,6				2" G-F	9,4
S4E 27	504201060	4	5,5		182,4							141,5	137	122,5	79,2	34,8				2" G-F	10,8
S4E 31	504201070	4	5,5		209,4							162	156	140	90,9	39,9				2" G-F	21,9
S4E 36	504201080	5,5	7,5		243,2							188	180	162	105,5	46,5				2" G-F	23,5
S4E 42	504201090	5,5	7,5		283,7							220	211	189	123,2	54				2" G-F	18,4
S4F 7	504201200	2,2	3		40,5										36	33	24	15	11	2" G-F	5,3
S4F 10	504201210	3	4		58										50,8	47	34	22	16	2" G-F	6,6
S4F 13	504201220	4	5,5		76										66	62	44,7	28	20	2" G-F	8,3
S4F 18	504201230	5,5	7,5		104,5										91	84	61,2	39	28	2" G-F	10



S4 - oil filled motor

4" SUBMERSIBLE ELECTRIC PUMP

SAND RESISTANT

NEW

CE

DOMESTIC, INDUSTRIAL WATER SUPPLY



Multistage electro pump, centrifugal, submersible for 4" wells or larger, able to produce a wide range of flow rates and heads.
They can be used in a wide range of applications for lifting, pressurizing and distribution in civil and industrial installations, autoclave and cistern inlets supply, fire fighting, washing plants and irrigation systems.
Construction features:
Base support (with built-in filter) and upper head (with built-in check valve) in technopolymer. Cable cover in plastic.
TESLA two-pole electric motor, oil-filled, submersible, made entirely of AISI 304 stainless steel for the parts in contact with water.
Rewindable stator.
The condenser and overload protection with manual reset are placed in the control panel.
User protection for three-phase version.

Pumped liquid: clean, free from solids or abrasive substances, chemically neutral, close to water characteristics.
Liquid temperature range: from 0 °C to +40 °C.
Degree of motor protection: IP 68.
Insulation class: F.
Special features on request: with other voltages and / or frequencies.
Maximum admitted amount of sand: 120 g/m3.
Available on request, for the single-phase version, a dual capacitor control panel (BOOSTER) to increase starting torque.

ACCESSORIES
PAG. 603

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA															DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		In	Q=m³h	0	0,6	1,2	1,5	1,8	2,4	3	4,2	4,8	6	9	11,4	18	24	27		
			kW	HP	A	Q=l/min	0	10	20	25	30	40	50	70	80	100	150	190	300	400	450		
S4 A 8 M	60160353	1x230 V ~	0,37	0,5	3,5		51	44,4	26,8	13,7												1 1/4" G-F	10,9
S4 A 12 M	60114325	1x230 V ~	0,37	0,5	3,5		76,5	66,6	40,2	20,5												1 1/4" G-F	12,2
S4 A 18 M	60114326	1x230 V ~	0,55	0,75	4,5		114,8	99,8	60,3	30,8												1 1/4" G-F	14,1
S4 A 18 T	60160362	3x400 V ~	0,55	0,75	2,2		114,8	99,8	60,3	30,8												1 1/4" G-F	13,1
S4 A 25 M	60114327	1x230 V ~	0,75	1	6,3		159,4	138,7	83,7	42,7												1 1/4" G-F	19,8
S4 A 25 T	60160363	3x400 V ~	0,75	1	2,6		159,4	138,7	83,7	42,7												1 1/4" G-F	14,6
S4 A 36 M	60114328	1x230 V ~	1,1	1,5	8,5		229,5	200	120,6	61,6												1 1/4" G-F	18,9
S4 A 36 T	60160366	3x400 V ~	1,1	1,5	3,6		229,5	200	120,6	61,6												1 1/4" G-F	21,7
S4 A 50 M	60114329	1x230 V ~	1,5	2	10,8		318,8	277,4	167,5	85,5												1 1/4" G-F	20,6
S4 A 50 T	60160367	3x400 V ~	1,5	2	4,6		318,8	277,4	167,5	85,5												1 1/4" G-F	25,9
S4 B 5 M	60160354	1x230 V ~	0,37	0,5	3,5		31	30	26	22,6	19	10										1 1/4" G-F	10,5
S4 B 8 M	60153197	1x230 V ~	0,37	0,5	3,5		49,6	47,8	41,5	36,2	30,6	16										1 1/4" G-F	11,8
S4 B 12 M	60153198	1x230 V ~	0,55	0,75	4,5		74,4	71,8	62,3	54,4	45,8	24										1 1/4" G-F	13,6
S4 B 12 T	60160368	3x400 V ~	0,55	0,75	2,2		74,4	71,8	62,3	54,4	45,8	24										1 1/4" G-F	12,4
S4 B 16 M	60153199	1x230 V ~	0,75	1	6,3		99,2	95,7	83	72,5	61	32										1 1/4" G-F	15,9
S4 B 16 T	60160369	3x400 V ~	0,75	1	2,6		99,2	95,7	83	72,5	61	32										1 1/4" G-F	13,8
S4 B 24 M	60153200	1x230 V ~	1,1	1,5	8,5		148,8	143,5	124,6	108,7	91,7	48										1 1/4" G-F	21,7
S4 B 24 T	60160370	3x400 V ~	1,1	1,5	3,6		148,8	143,5	124,6	108,7	91,7	48										1 1/4" G-F	15,8
S4 B 32 M	60160355	1x230 V ~	1,5	2	10,8		198,4	191,4	166	144,9	122,2	64										1 1/4" G-F	24,2
S4 B 32 T	60160373	3x400 V ~	1,5	2	4,6		198,4	191,4	166	144,9	122,2	64										1 1/4" G-F	22,6
S4 B 40 M	60160356	1x230 V ~	2,2	3	14		248	239,2	207,6	181,2	152,8	80										1 1/4" G-F	29,7
S4 B 40 T	60160374	3x400 V ~	2,2	3	6,0		248	239,2	207,6	181,2	152,8	80										1 1/4" G-F	25,9
S4 B 48 M	60160357	1x230 V ~	2,2	3	14		297,6	287,1	249,2	217,4	183,4	96										1 1/4" G-F	33
S4 B 48 T	60160375	3x400 V ~	2,2	3	6,0		297,6	287,1	249,2	217,4	183,4	96										1 1/4" G-F	28,1

Available 3x230 version

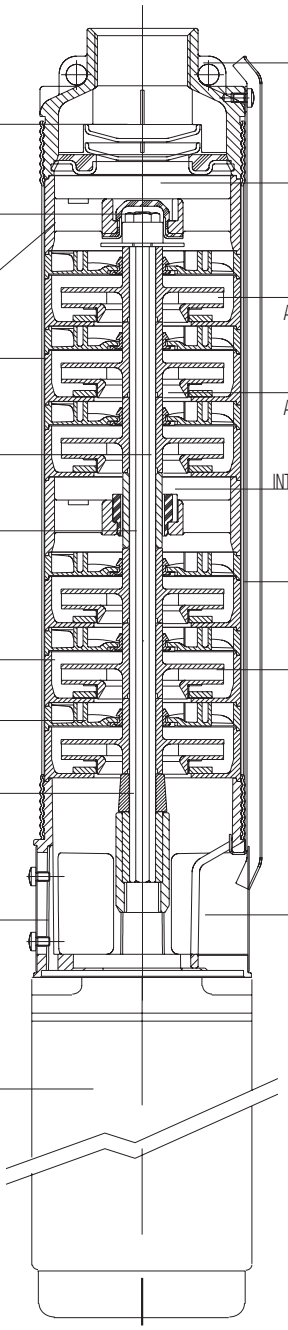
DAB PUMPS reserves the right to make modifications without notice

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA															DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		In	Q=m³h	0	0,6	1,2	1,5	1,8	2,4	3	4,2	4,8	6	9	11,4	18	24	27		
			kW	HP	A	Q=l/min	0	10	20	25	30	40	50	70	80	100	150	190	300	400	450		
S4 C 6 M	60160358	1x230 V ~	0,37	0,5	3,5		33		31,8	30,7	29,4	26,4	22,7	13,2								1 1/4" G-F	11,7
S4 C 9 M	60153207	1x230 V ~	0,55	0,75	4,5		49,5		47,7	46	44	39,6	34	19,8								1 1/4" G-F	13,8
S4 C 9 T	60160376	3x400 V ~	0,55	0,75	2,2		49,5		47,7	46	44	39,6	34	19,8								1 1/4" G-F	12,4
S4 C 13 M	60118293	1x230 V ~	0,75	1	6,3		71,5		68,9	66,4	63,7	57,2	49,2	28,6								1 1/4" G-F	16,2
S4 C 13 T	60118292	3x400 V ~	0,75	1	2,6		71,5		68,9	66,4	63,7	57,2	49,2	28,6								1 1/4" G-F	14,1
S4 C 19 M	60118296	1x230 V ~	1,1	1,5	8,5		104,5		100,7	97	93	83,6	71,8	41,8								1 1/4" G-F	17,7
S4 C 19 T	60118297	3x400 V ~	1,1	1,5	3,6		104,5		100,7	97	93	83,6	71,8	41,8								1 1/4" G-F	16,2
S4 C 25 M	60118632	1x230 V ~	1,5	2	10,8		137,5		132,5	128	122,5	110	94,5	55								1 1/4" G-F	24
S4 C 25 T	60118633	3x400 V ~	1,5	2	4,6		137,5		132,5	128	122,5	110	94,5	55								1 1/4" G-F	22,3
S4 C 32 M	60121311	1x230 V ~	2,2	3	14		176		169,6	163	156,8	140,8	120,9	70,4								1 1/4" G-F	28,1
S4 C 32 T	60121320	3x400 V ~	2,2	3	6,0		176		169,6	163	156,8	140,8	120,9	70,4								1 1/4" G-F	30,1
S4 C 39 M	60160359	1x230 V ~	2,2	3	14		214,5		206,7	200	191,1	171,6	147,4	85,8								1 1/4" G-F	38,7
S4 C 39 T	60160377	3x400 V ~	2,2	3	6,0		214,5		206,7	200	191,1	171,6	147,4	85,8								1 1/4" G-F	34,1
S4 C 45 T	60160378	3x400 V ~	3	4	7,9		247,5		238,5	229	220,5	198	170,1	99								1 1/4" G-F	40,2
S4 C 51 T	60160379	3x400 V ~	3	4	7,9		280,5		270,3	261	250	224,4	192,8	112,2								1 1/4" G-F	41,9
S4 D 4 M	60160360	1x230 V ~	0,37	0,5	3,5		24				23	22	21,8	18	16,2	11,2						1 1/4" G-F	11,5
S4 D 6 M	60140016	1x230 V ~	0,55	0,75	4,5		36				34,5	33	31,5	27	24,3	16,8						1 1/4" G-F	13,1
S4 D 6 T	60160381	3x400 V ~	0,55	0,75	2,2		36				34,5	33	31,5	27	24,3	16,8						1 1/4" G-F	11,9
S4 D 8 M	60119589	1x230 V ~	0,75	1	6,3		48				46	44	42	36	32,5	22,4						1 1/4" G-F	15
S4 D 8 T	60160382	3x400 V ~	0,75	1	2,6		48				46	44	42	36	32,5	22,4						1 1/4" G-F	13,1
S4 D 13 M	60119590	1x230 V ~	1,1	1,5	8,5		78				74,7	71,5	68,3	59	52,6	36,4						1 1/4" G-F	16,6
S4 D 13 T	60119592	3x400 V ~	1,1	1,5	3,6		78				74,7	71,5	68,3	59	52,6	36,4						1 1/4" G-F	14,9
S4 D 17 M	60119591	1x230 V ~	1,5	2	10,8		102				98	93,5	89,5	77,5	68,8	47,6						1 1/4" G-F	18,4
S4 D 17 T	60118291	3x400 V ~	1,5	2	4,6		102				98	93,5	89,5	77,5	68,8	47,6						1 1/4" G-F	16,9
S4 D 21 M	60153208	1x230 V ~	2,2	3	14		126				121	115,5	110	96	85	58,8						1 1/4" G-F	25,6
S4 D 21 T	60119593	3x400 V ~	2,2	3	6,0	H (m)	126				121	115,5	110	96	85	58,8						1 1/4" G-F	20,7
S4 D 25 M	60152693	1x230 V ~	2,2	3	14		150				144	137,5	132	114,5	101,2	70						1 1/4" G-F	26,5
S4 D 25 T	60160383	3x400 V ~	2,2	3	6,0		150				144	137,5	132	114,5	101,2	70						1 1/4" G-F	27,1
S4 D 29 T	60160384	3x400 V ~	3	4	7,9		174				166	159,5	152	132	117,4	81,2						1 1/4" G-F	30,1
S4 D 34 T	60160385	3x400 V ~	3	4	7,9		204				196	187	179,5	155	137,7	95,2						1 1/4" G-F	34,1
S4 D 38 T	60160386	3x400 V ~	4	5,5	10,2		228				219	209	200	173	153,9	106,4						1 1/4" G-F	41,5
S4 D 45 T	60160387	3x400 V ~	4	5,5	10,2		270				259	247,5	237	205	182,2	127						1 1/4" G-F	43,9
S4 E 6 M	60140017	1x230 V ~	0,75	1	6,3		40,5							31,5	30	27	17,6	7,7				2" G-F	15,4
S4 E 6 T	60160388	3x400 V ~	0,75	1	2,6		40,5							31,5	30	27	17,6	7,7				2" G-F	13,5
S4 E 8 M	60140018	1x230 V ~	1,1	1,5	8,5		54							42	40	37	23,4	10,3				2" G-F	16,2
S4 E 8 T	60148953	3x400 V ~	1,1	1,5	3,6		54							42	40	37	23,4	10,3				2" G-F	14,6
S4 E 12 M	60121313	1x230 V ~	1,5	2	10,8		81							63	60	55	35,2	15,5				2" G-F	18,3
S4 E 12 T	60148952	3x400 V ~	1,5	2	4,6		81							63	60	55	35,2	15,5				2" G-F	17,6
S4 E 17 M	60121314	1x230 V ~	2,2	3	14		114,8							89,5	86	78	49,8	21,9				2" G-F	26,6
S4 E 17 T	60143323	3x400 V ~	2,2	3	6,0		114,8							89,5	86	78	49,8	21,9				2" G-F	21,5
S4 E 20 T	60118294	3x400 V ~	3	4	7,9		135							105	101,5	91	58,6	25,7				2" G-F	22,8
S4 E 23 T	60118295	3x400 V ~	3	4	7,9		155,4							120,5	117	104,5	67,4	29,6				2" G-F	27,1
S4 E 27 T	60160389	3x400 V ~	4	5,5	10,2		182,4							141,5	137	122,5	79,2	34,8				2" G-F	43,7
S4 E 31 T	60121322	3x400 V ~	4	5,5	10,2		209,4							162	156	140	90,9	39,9				2" G-F	45,9
S4 E 36 T	60121323	3x400 V ~	5,5	7,5	13,1		243,2							188	180	162	105,5	46,5				2" G-F	59,5
S4 E 42 T	60160390	3x400 V ~	5,5	7,5	13,1		283,7							220	211	189	123,2	54				2" G-F	62,7
S4 F 7 M	60140019	1x230 V ~	2,2	3	14		40,5										36	33	24	15	11	2" G-F	24,2
S4 F 7 T	60140020	3x400 V ~	2,2	3	6,0		40,5										36	33	24	15	11	2" G-F	20,6
S4 F 10 T	60119197	3x400 V ~	3	4	7,9		58										50,8	47	34	22	16	2" G-F	23,6
S4 F 13 T	60140035	3x400 V ~	4	5,5	10,2		76										66	62	44,7	28	20	2" G-F	32,4
S4 F 18 T	60119198	3x400 V ~	5,5	7,5	13,1		104,5										91	84	61,2	39	28	2" G-F	37,3

Available 3x230 version

S4



VALVE
AISI 304 stainless steel
X5CrNi1810- UNI 6900/71

IMPELLER LOCKING NUT
Stainless steel

SUPPORT
Technopolymer A

PUMP JACKET
AISI 304 stainless steel
X5CrNi1810 - UNI 6900/71

SHAFT WITH COUPLING
AISI 304 stainless steel
X5CrNi1810- UNI 6900/71

INTERMEDIATE BUSH
AISI 304 stainless steel
X5CrNi1810- UNI 6900/71

DIFFUSER BODY
Technopolymer A

DIFFUSER
Technopolymer A

SPACER
AISI 304 stainless steel
X5CrNi1810- UNI 6900/71

FILTER
Stainless steel

MOTOR
OIL FILLED
AISI 304 stainless steel
X5CrNi1810 - UNI 6900/71

UPPER HEAD
microcast AISI 304
stainless steel

TOP SHAFT BUSH GUIDE
Rubber

FRONT ADJUSTMENT RING
Anti-abrasion, synthetic material

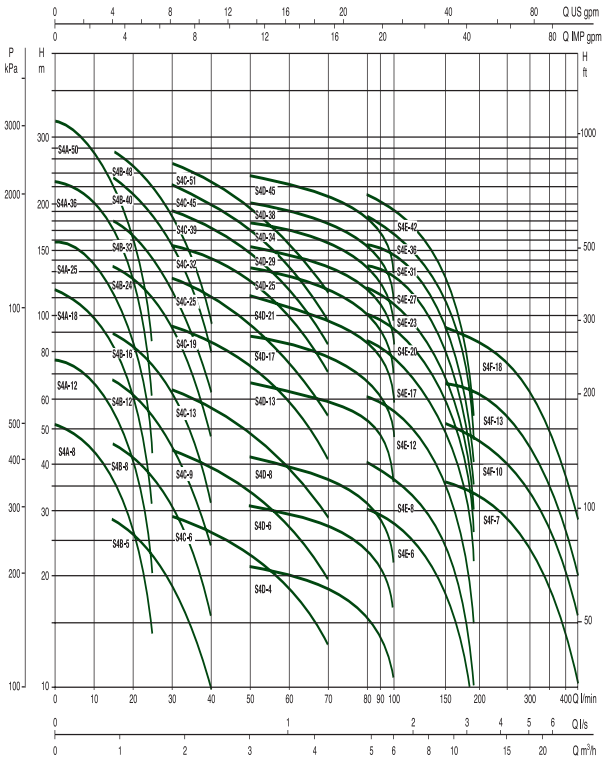
REAR ADJUSTMENT RING
Anti-abrasion, synthetic material

INTERMEDIATE SHAFT GUIDE BUSH
Acetalic resin

CABLE COVER
AISI 304 stainless steel
X5CrNi1 810 - UNI 6900/71

IMPELLER
Technopolymer A
with adjustment ring
in AISI 304 stainless steel
X5CrNi1810- UNI 6900/71

BASE SUPPORT
microcas AISI 304
stainless stee



DAB PUMPS reserves the right to make modifications without notice

TECHNICAL DATA - ONLY HYDRAULIC PART

MODEL	CODE	ELECTRI. DATA		HYDRAULIC DATA																DNM	WEIGHT KG
		P2 NOMINAL		Q=m³h	0	0,6	1,2	1,5	1,8	2,4	3	4,2	4,8	6	9	11,4	18	24	27		
		kW	HP	Q=l/min	0	10	20	25	30	40	50	70	80	100	150	190	300	400	450		
S4A 8	504200200	0,25	0,33		51	44,4	26,8	13,7												1 1/4" G-F	3,6
S4A 12	504200210	0,37	0,5		76,5	66,6	40,2	20,5												1 1/4" G-F	4,1
S4A 18	504200220	0,55	0,75		114,8	99,8	60,3	30,8												1 1/4" G-F	4,8
S4A 25	504200230	0,75	1		159,4	138,7	83,7	42,7												1 1/4" G-F	5,6
S4A 36	504200240	1,1	1,5		229,5	200	120,6	61,6												1 1/4" G-F	7,3
S4A 50	504200250	1,5	2		318,8	277,4	167,5	85,5												1 1/4" G-F	9
S4B 5	504200400	0,37	0,5		31	30	26	22,6	19	10										1 1/4" G-F	3,2
S4B 8	504200410	0,37	0,5		49,6	47,8	41,5	36,2	30,6	16										1 1/4" G-F	3,7
S4B 12	504200420	0,55	0,75		74,4	71,8	62,3	54,4	45,8	24										1 1/4" G-F	4,2
S4B 16	504200430	0,75	1		99,2	95,7	83	72,5	61	32										1 1/4" G-F	4,8
S4B 24	504200440	1,1	1,5		148,8	143,5	124,6	108,7	91,7	48										1 1/4" G-F	5,8
S4B 32	504200450	1,5	2		198,4	191,4	166	144,9	122,2	64										1 1/4" G-F	7
S4B 40	504200460	2,2	3		248	239,2	207,6	181,2	152,8	80										1 1/4" G-F	8,2
S4B 48	504200470	2,2	3		297,6	287,1	249,2	217,4	183,4	96										1 1/4" G-F	9,7
S4C 6	504200600	0,37	0,5		33		31,8	30,7	29,4	26,4	22,7	13,2								1 1/4" G-F	3,7
S4C 9	504200610	0,55	0,75		49,5		47,7	46	44	39,6	34	19,8								1 1/4" G-F	4,4
S4C 13	504200620	0,75	1		71,5		68,9	66,4	63,7	57,2	49,2	28,6								1 1/4" G-F	5
S4C 19	504200630	1,1	1,5		104,5		100,7	97	93	83,6	71,8	41,8								1 1/4" G-F	6
S4C 25	504200640	1,5	2		137,5		132,5	128	122,5	110	94,5	55								1 1/4" G-F	7,2
S4C 32	504200650	2,2	3		176		169,6	163	156,8	140,8	120,9	70,4								1 1/4" G-F	9,2
S4C 39	504200660	2,2	3		214,5		206,7	200	191,1	171,6	147,4	85,8								1 1/4" G-F	10,4
S4C 45	504200670	3	4		247,5		238,5	229	220,5	198	170,1	99								1 1/4" G-F	11,8
S4C 51	504200680	3	4		280,5		270,3	261	250	224,4	192,8	112,2								1 1/4" G-F	15,5
S4D 4	504200800	0,37	0,5	H (m)	24				23	22	21,8	18	16,2	11,2						1 1/4" G-F	3,3
S4D 6	504200810	0,55	0,75		36				34,5	33	31,5	27	24,3	16,8						1 1/4" G-F	3,7
S4D 8	504200820	0,75	1		48				46	44	42	36	32,5	22,4						1 1/4" G-F	4,5
S4D 13	504200830	1,1	1,5		78				74,7	71,5	68,3	59	52,6	36,4						1 1/4" G-F	5
S4D 17	504200840	1,5	2		102				98	93,5	89,5	77,5	68,8	47,6						1 1/4" G-F	5,7
S4D 21	504200850	2,2	3		126				121	115,5	110	96	85	58,8						1 1/4" G-F	6,6
S4D 25	504200860	2,2	3		150				144	137,5	132	114,5	101,2	70						1 1/4" G-F	7,5
S4D 29	504200870	3	4		174				166	159,5	152	132	117,4	81,2						1 1/4" G-F	8,3
S4D 34	504200880	3	4		204				196	187	179,5	155	137,7	95,2						1 1/4" G-F	7,5
S4D 38	504200890	4	5,5		228				219	209	200	173	153,9	106,4						1 1/4" G-F	10,4
S4D 45	504200900	4	5,5		270				259	247,5	237	205	182,2	127						1 1/4" G-F	12
S4E 6	504201000	0,75	1		40,5							31,5	30	27	17,6	7,7				2" G-F	4,3
S4E 8	504201010	1,1	1,5		54							42	40	37	23,4	10,3				2" G-F	4,8
S4E 12	504201020	1,5	2		81							63	60	55	35,2	15,5				2" G-F	6,1
S4E 17	504201030	2,2	3		114,8							89,5	86	78	49,8	21,9				2" G-F	7,5
S4E 20	504201040	3	4		135							105	101,5	91	58,6	25,7				2" G-F	8,6
S4E 23	504201050	3	4		155,4							120,5	117	104,5	67,4	29,6				2" G-F	9,4
S4E 27	504201060	4	5,5		182,4							141,5	137	122,5	79,2	34,8				2" G-F	10,8
S4E 31	504201070	4	5,5		209,4							162	156	140	90,9	39,9				2" G-F	21,9
S4E 36	504201080	5,5	7,5		243,2							188	180	162	105,5	46,5				2" G-F	23,5
S4E 42	504201090	5,5	7,5		283,7							220	211	189	123,2	54				2" G-F	18,4
S4F 7	504201200	2,2	3		40,5										36	33	24	15	11	2" G-F	5,3
S4F 10	504201210	3	4		58										50,8	47	34	22	16	2" G-F	6,6
S4F 13	504201220	4	5,5		76										66	62	44,7	28	20	2" G-F	8,3
S4F 18	504201230	5,5	7,5		104,5										91	84	61,2	39	28	2" G-F	10



ACTIVE SHIELD

Electronic input/output filter to be connected to an Active Driver. Can be used in installations where emissions and electromagnetic compatibility problems might arise. For references see pag. 16

MODEL	CODE	MAX CURRENT MOTOR A	TO BE USED WITH:
ACTIVE SHIELD	60163007	14	Active Driver M/M Active Driver M/T



NOVITÀ

ELECTRONIC SUBMERSIBLE PUMPS EXAMPLE OF SELECTION WITH ACTIVE DRIVER

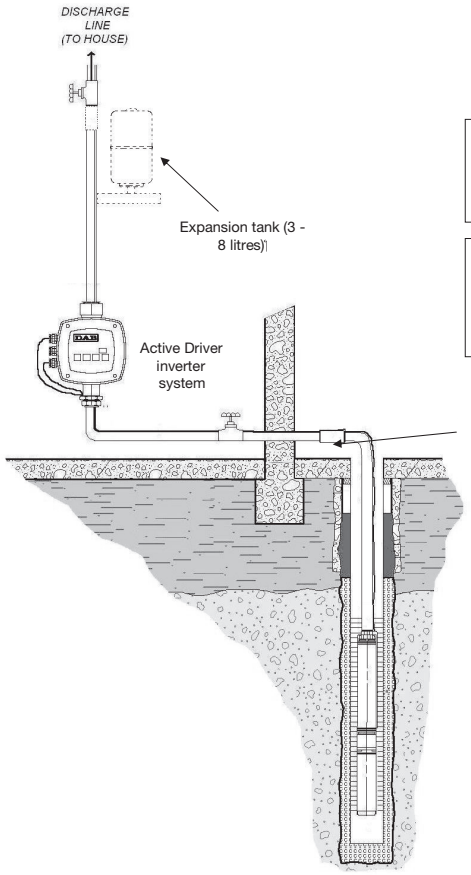
ACTIVE DRIVER
PAG. 15



+



EXAMPLE OF INSTALLATION



NECESSARY COMPONENTS FOR SYSTEM INSTALLATION

1. Submerged pump
2. Inverter
3. Non-return valve
4. Expansion tank
5. 1 inverter power cable
6. 1 cable between inverter and pump

Caution:

In the version with single phase/single phase inverter (AD M/M 1,1) it is necessary to install the control box model electric panel, containing the starter condenser.

Non-return valve fitted to facilitate maintenance

SUGGESTION:

In some plants, we recommend the installation of a filter upline of the AD so as to prevent damage to the pressure sensor inside the inverter.

PUMPS MODEL	CODE	PUMPS VOLTAGE 50 Hz	ACTIVE DRIVER MODEL	CODE	ACTIVE DRIVER VOLTAGE 50 Hz	MAX. CABLE LENGHT PER SECTION		
						1,5 mm²	2,5 mm²	4 mm²
S4 C 13 - M	504100622	Single-phase 1x230 V~	**ACTIVE DRIVER M/M 1.1**	109640610	Single-phase 1x230 V~	60 mt	100 mt	160 mt
S4 C 19 - T	504104412	Three-phase 3x230 V~	**ACTIVE DRIVER M/T 2.2**	109640600	Single-phase 1x230 V~	100 mt	170 mt	270 mt
S4 D 13 - T	504104532	Three-phase 3x230 V~	**ACTIVE DRIVER M/T 2.2**	109640600	Single-phase 1x230 V~	100 mt	170 mt	270 mt
S4 D 21 - T	504103652	Three-phase 3x400 V~	**ACTIVE DRIVER T/T 3.0**	109640620	Three-phase 3x400 V~	160 mt	280 mt	-
S4 E 23 - T	504103852	Three-phase 3x400 V~	**ACTIVE DRIVER T/T 5.5**	109640630	Three-phase 3x400 V~	130 mt	215 mt	350 mt

DAB PUMPS reserves the right to make modifications without notice



CE

4” Asynchronous two-poles submersible motor, **made in AISI 304 stainless steel** for parts in contact with water. Cooling and lubrication of the thrust bearing assembly and carbon bushes is provided by a **mixture of water and glycol.** Squirrel-cage rotor mounted on Kingsbury self-centring thrust bearing. Stator housed in an airtight stainless steel casing (canned-type) with both flangs and shell in AISI 304L stainless steel. Removable cable connector to allow fast and easy maintenance. The cable is certified ACS, WRAS and KTW. Motor suitable for use with variable frequency drive (30 Hz – 50 Hz). Capacitor and manually resettable overload protection located in the electric panel that can be supplied separately for the single-phase 50 Hz version. Overload protection must be provided by user for the three-phase version.

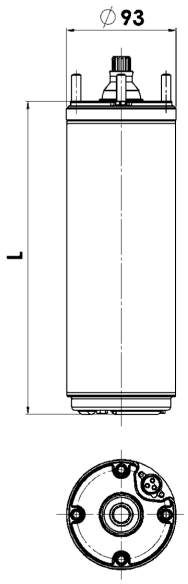
Flanging: NEMA - 4”
Protection level: IP 68
Insulation class: F
Voltage:
single-phase 220-230 V / 50 Hz
Three-phase 400 V / 50 Hz - 230 V / 50 Hz
Equipped with cable
1,7 m for motor power up to 2,2 kW
2,7 m for motor power up to 3 kW
3,5 m for motor power of 7,5 kW

ACCESSORIES
PAG. 603

TECHNICAL DATA

MODEL	CODE	P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	Cs/Cn	P1 (W)	N (min^{-1})	Cos φ	η %	C (μF)	CABLE Ø mm^2	CABLE LC (m)
4GG - 0,37 KW - 230 V - M	60122739	0,5	0,37	1x230 V ~	3,3	2,7	0,69	740	2820	0,97	50	16	4x1,5	1,7
4GG - 0,55 KW - 230 V - M	60122740	0,75	0,55	1x230 V ~	4,6	3,3	0,68	1000	2820	0,94	56	20	4x1,5	1,7
4GG - 0,75 KW - 230 V - M	60122741	1	0,75	1x230 V ~	6,2	3,2	0,66	1300	2820	0,92	58	25	4x1,5	1,7
4GG - 1,1 KW - 230 V - M	60122742	1,5	1,1	1x230 V ~	8,6	3,6	0,68	1820	2830	0,90	62	35	4x1,5	1,7
4GG - 1,5 KW - 230 V - M	60122743	2	1,5	1x230 V ~	11	3,7	0,62	2320	2830	0,91	65	40	4x1,5	1,7
4GG - 2,2 KW - 230 V - M	60122744	3	2,2	1x230 V ~	16	3,1	0,6	3460	2810	0,89	65	60	4x1,5	1,7
4GG - 0,37 KW - 400 V - T	60122746	0,5	0,37	3x400 V ~	1,4	3,8	3	710	2820	0,66	53	-	4x1,5	1,7
4GG - 0,37 KW - 230 V - T	60122745	0,5	0,37	3x230 V ~	2,7	3,7	3	710	2820	0,66	53	-	4x1,5	1,7
4GG - 0,55 KW - 400 V - T	60122748	0,75	0,55	3x400 V ~	1,9	4,2	3,1	920	2830	0,72	60	-	4x1,5	1,7
4GG - 0,55 KW - 230 V - T	60122747	0,75	0,55	3x230 V ~	3,3	4,2	3,1	920	2830	0,72	60	-	4x1,5	1,7
4GG - 0,75 KW - 400 V - T	60122750	1	0,75	3x400 V ~	2,4	5,0	3,2	1190	2830	0,73	63	-	4x1,5	1,7
4GG - 0,75 KW - 230 V - T	60122749	1	0,75	3x230 V ~	4,1	5,1	3,2	1190	2830	0,72	63	-	4x1,5	1,7
4GG - 1,1 KW - 400 V - T	60122752	1,5	1,1	3x400 V ~	3,4	4,1	3,3	1720	2830	0,76	64	-	4x1,5	1,7
4GG - 1,1 KW - 230 V - T	60122751	1,5	1,1	3x230 V ~	5,7	4,2	3,3	1720	2830	0,72	64	-	4x1,5	1,7
4GG - 1,5 KW - 400 V - T	60122754	2	1,5	3x400 V ~	4,4	4,3	3,4	2200	2830	0,72	68	-	4x1,5	1,7
4GG - 1,5 KW - 230 V - T	60122753	2	1,5	3x230 V ~	7,6	4,3	3,4	2200	2830	0,72	68	-	4x1,5	1,7
4GG - 2,2 KW - 400 V - T	60122756	3	2,2	3x400 V ~	5,9	4,4	3,2	3170	2820	0,78	71	-	4x1,5	1,7
4GG - 2,2 KW - 230 V - T	60122755	3	2,2	3x230 V ~	10,2	4,4	3,2	3170	2820	0,78	71	-	4x1,5	1,7
4GG - 3,0 KW - 400 V - T	60122758	4	3	3x400 V ~	8,3	4,6	3,3	4050	2840	0,71	74	-	4x1,5	2,7
4GG - 3,0 KW - 230 V - T	60122757	4	3	3x230 V ~	14,3	4,6	3,3	4050	2840	0,71	74	-	4x1,5	2,7
4GG - 4,0 KW - 400 V - T	60122760	5,5	4	3x400 V ~	10	5,6	3,4	5340	2850	0,79	75	-	4x1,5	2,7
4GG - 4,0 KW - 230 V - T	60122759	5,5	4	3x230 V ~	17,3	5,6	3,4	5340	2850	0,79	75	-	4x2	2,7
4GG - 5,5 KW - 400 V - T	60122762	7,5	5,5	3x400 V ~	14	5,5	3,4	7110	2850	0,74	77	-	4x1,5	2,7
4GG - 5,5 KW - 230 V - T	60122761	7,5	5,5	3x230 V ~	24,2	5,5	3,4	7110	2850	0,74	77	-	4x2	2,7
4GG - 7,5 KW - 400 V - T	60122763	10	7,5	3x400 V ~	17,4	4,8	2,9	9520	2850	0,080	79	-	4x2	3,5

DIMENSIONS AND WEIGHTS



MODEL	L (mm)	Ø	WEIGHT Kg	AXIAL THRUST (N)
4GG - 0,37 KW - M	236	93	6,7	2000
4GG - 0,55 KW - M	266	93	8	2000
4GG - 0,75 KW - M	286	93	9	2000
4GG - 1,1 KW - M	331	93	11	2000
4GG - 1,5 KW - M	393	93	13	3000
4GG - 2,2 KW - M	413	93	13,8	3000
4GG - 0,37 KW - T	216	93	6	2000
4GG - 0,55 KW - T	236	93	6,7	2000
4GG - 0,75 KW - T	266	93	8	2000
4GG - 1,1 KW - T	286	93	9	2000
4GG - 1,5 KW - T	348	93	11	3000
4GG - 2,2 KW - T	393	93	13	3000
4GG - 3,0 KW - T	544	93	19,7	6000
4GG - 4,0 KW - T	614	93	23	6000
4GG - 5,5 KW - T	684	93	26,6	6000
4GG - 7,5 KW - T	764	93	30,6	6000

DAB PUMPS reserves the right to make modifications without notice

4GX
4 ” SUBMERSIBLE MOTORS

AISI 316



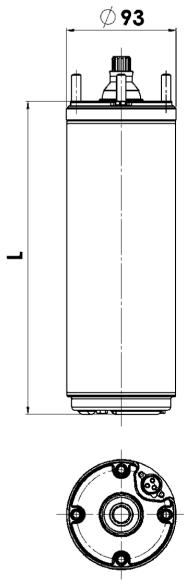
4” Asynchronous two-poles submersible motor, **made in full AISI 316 stainless steel.** Cooling and lubrication of the thrust bearing assembly and carbon bushes is provided by a **mixture of water and glycol.** Squirrel-cage rotor mounted on Kingsbury self-centring thrust bearing. Stator housed in an airtight stainless steel casing (canned-type) with both flangs and shell in AISI 316L stainless steel. Removable cable connector to allow fast and easy maintenance. The cable is certified ACS, WRAS and KTW. Motor suitable for use with variable frequency drive (30 Hz – 50 Hz). Mechanical seal in silicon/carbide. Capacitor and manually resettable overload protection located in the electric panel that can be supplied separately for the single-phase 50 Hz version. Overload protection must be provided by user for the three-phase version.

Flanging: NEMA - 4”
Protection level: IP 68
Insulation class: F
Voltage:
single-phase 220-230 V / 50 Hz
Three-phase 400 V / 50 Hz - 230 V / 50 Hz
Equipped with cable
1,7 m for motor power up to 2,2 kW
2,7 m for motor power up to 3 kW
3,5 m for motor power of 7,5 kW

TECHNICAL DATA

MODEL	CODE	P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	Cs/Cn	P1 (W)	N (min^{-1})	Cos φ	η %	C (μF)	CABLE Ø mm^2	CABLE LC (m)
4GX - 0,37 KW - 230 V - M	60141577	0,5	0,37	1x230 V ~	3,3	2,7	0,69	740	2820	0,97	50	16	4x1,5	1,7
4GX - 0,55 KW - 230 V - M	60141580	0,75	0,55	1x230 V ~	4,6	3,3	0,68	1000	2820	0,94	56	20	4x1,5	1,7
4GX - 0,75 KW - 230 V - M	60141584	1	0,75	1x230 V ~	6,2	3,2	0,66	1300	2820	0,92	58	25	4x1,5	1,7
4GX - 1,1 KW - 230 V - M	60141590	1,5	1,1	1x230 V ~	8,6	3,6	0,68	1820	2830	0,90	62	35	4x1,5	1,7
4GX - 1,5 KW - 230 V - M	60141593	2	1,5	1x230 V ~	11	3,7	0,62	2320	2830	0,91	65	40	4x1,5	1,7
4GX - 2,2 KW - 230 V - M	60141596	3	2,2	1x230 V ~	16	3,1	0,6	3460	2810	0,89	65	60	4x1,5	1,7
4GX - 0,37 KW - 400 V - T	60141578	0,5	0,37	3x400 V ~	1,4	3,8	3	710	2820	0,66	53	-	4x1,5	1,7
4GX - 0,37 KW - 230 V - T	60141579	0,5	0,37	3x230 V ~	2,7	3,7	3	710	2820	0,66	53	-	4x1,5	1,7
4GX - 0,55 KW - 400 V - T	60141581	0,75	0,55	3x400 V ~	1,9	4,2	3,1	920	2830	0,72	60	-	4x1,5	1,7
4GX - 0,55 KW - 230 V - T	60141582	0,75	0,55	3x230 V ~	3,3	4,2	3,1	920	2830	0,72	60	-	4x1,5	1,7
4GX - 0,75 KW - 400 V - T	60141586	1	0,75	3x400 V ~	2,4	5,0	3,2	1190	2830	0,73	63	-	4x1,5	1,7
4GX - 0,75 KW - 230 V - T	60141589	1	0,75	3x230 V ~	4,1	5,1	3,2	1190	2830	0,72	63	-	4x1,5	1,7
4GX - 1,1 KW - 400 V - T	60141591	1,5	1,1	3x400 V ~	3,4	4,1	3,3	1720	2830	0,76	64	-	4x1,5	1,7
4GX - 1,1 KW - 230 V - T	60141592	1,5	1,1	3x230 V ~	5,7	4,2	3,3	1720	2830	0,72	64	-	4x1,5	1,7
4GX - 1,5 KW - 400 V - T	60141594	2	1,5	3x400 V ~	4,4	4,3	3,4	2200	2830	0,72	68	-	4x1,5	1,7
4GX - 1,5 KW - 230 V - T	60141595	2	1,5	3x230 V ~	7,6	4,3	3,4	2200	2830	0,72	68	-	4x1,5	1,7
4GX - 2,2 KW - 400 V - T	60141597	3	2,2	3x400 V ~	5,9	4,4	3,2	3170	2820	0,78	71	-	4x1,5	1,7
4GX - 2,2 KW - 230 V - T	60141598	3	2,2	3x230 V ~	10,2	4,4	3,2	3170	2820	0,78	71	-	4x1,5	1,7
4GX - 3,0 KW - 400 V - T	60141607	4	3	3x400 V ~	8,3	4,6	3,3	4050	2840	0,71	74	-	4x1,5	2,7
4GX - 3,0 KW - 230 V - T	60141608	4	3	3x230 V ~	14,3	4,6	3,3	4050	2840	0,71	74	-	4x1,5	2,7
4GX - 4,0 KW - 400 V - T	60141612	5,5	4	3x400 V ~	10	5,6	3,4	5340	2850	0,79	75	-	4x1,5	2,7
4GX - 4,0 KW - 230 V - T	60141613	5,5	4	3x230 V ~	17,3	5,6	3,4	5340	2850	0,79	75	-	4x2	2,7
4GX - 5,5 KW - 400 V - T	60141614	7,5	5,5	3x400 V ~	14	5,5	3,4	7110	2850	0,74	77	-	4x1,5	2,7
4GX - 5,5 KW - 230 V - T	60141615	7,5	5,5	3x230 V ~	24,2	5,5	3,4	7110	2850	0,74	77	-	4x2	2,7
4GX - 7,5 KW - 400 V - T	60141616	10	7,5	3x400 V ~	17,4	4,8	2,9	9520	2850	0,080	79	-	4x2	3,5

DIMENSIONS AND WEIGHTS



MODEL	L (mm)	Ø	WEIGHT Kg	AXIAL THRUST (N)
4GX - 0,37 KW - M	236	93	236	2000
4GX - 0,55 KW - M	266	93	266	2000
4GX - 0,75 KW - M	286	93	286	2000
4GX - 1,1 KW - M	331	93	331	2000
4GX - 1,5 KW - M	393	93	393	3000
4GX - 2,2 KW - M	413	93	413	3000
4GX - 0,37 KW - T	216	93	216	2000
4GX - 0,55 KW - T	236	93	236	2000
4GX - 0,75 KW - T	266	93	266	2000
4GX - 1,1 KW - T	286	93	286	2000
4GX - 1,5 KW - T	348	93	348	3000
4GX - 2,2 KW - T	393	93	393	3000
4GX - 3,0 KW - T	544	93	544	6000
4GX - 4,0 KW - T	614	93	614	6000
4GX - 5,5 KW - T	684	93	684	6000
4GX - 7,5 KW - T	764	93	764	6000

DAB PUMPS reserves the right to make modifications without notice

4TW
4 ” SUBMERSIBLE MOTORS



Submersible asynchronous two-pole motor made of AISI 304 stainless steel for parts in contact with water. Cooling and lubrication of the thrust bearing assembly and the bushings are provided by a **mixture of water and glycol.** Rotor mounted on Kingsbury self-centring thrust block to withstand significant axial loads. Stator in an airtight casing with flanges, and internal and outer jacket in AISI 304L stainless steel.

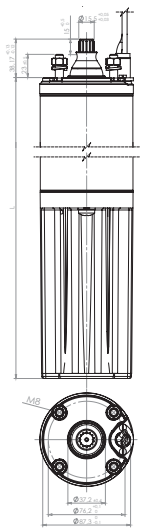
The cable connector can be removed to guarantee rapid and easy maintenance operations. ACS, WRAS and KTW certified cable. Motor suitable for use with variable frequency drive (30Hz-50Hz). **The capacitor is included in the Noryl cartridge mounted under the motor,** so the motor does not require the use of a control box. Thermal protection included in 0.5 to 1.5 HP motors in the 50 HZ version.

ACCESSORIES
PAG. 603

TECHNICAL DATA

MODEL	CODE	P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	Cs/Cn	P1 (W)	N (min^{-1})	Cos φ	η %	C (μF)	CABLE Ø mm^2	CABLE LC (m)
4TW - 0,37 KW - 230 V - M	60141225	0,5	0,37	1x230 V ~	3,3	2,7	0,69	740	2820	0,97	50	16	3x1,5	1,7
4TW - 0,55 KW - 230 V - M	60141227	0,75	0,55	1x230 V ~	4,6	3,3	0,68	1000	2820	0,94	56	20	3x1,5	1,7
4TW - 0,75 KW - 230 V - M	60141229	1	0,75	1x230 V ~	6,2	3,2	0,66	1300	2820	0,92	58	25	3x1,5	1,7
4TW - 1,1 KW - 230 V - M	60141231	1,5	1,1	1x230 V ~	8,6	3,6	0,68	1820	2830	0,92	62	35	3x1,5	1,7

DIMENSIONS AND WEIGHTS



MODEL	L (mm)	Ø	WEIGHT Kg	AXIAL THRUST (N)
4TW - 0,37 KW - M	405	93	7,3	2000
4TW - 0,55 KW - M	435	93	8,5	2000
4TW - 0,75 KW - M	455	93	9,3	2000
4TW - 1,1 KW - M	500	93	11,3	2000

40L
4 " SUBMERSIBLE MOTORS



4" Asynchronous two-poles submersible motor, **rewindable-type,** made in AISI 304 stainless steel for parts in contact with water. Cooling and lubrication of the ball bearings is provided by a **special FDA-approved liquid.** Stator housed in an external shell in AISI 304L (rewindable-type) connected with stainless steel pins to the upper support of the motor. Removable cable connector to allow fast and easy maintenance. The cable is certified ACS, WRAS and KTW.

Motor suitable for use with variable frequency drive (30 Hz – 50 Hz). Mechanical seal in ceramic-carbon. Capacitor and manually resettable overload protection located in the electric panel that can be supplied separately for the single-phase version. Overload protection must be provided by user for the three-phase version. The motor can be equipped with a PT100 temperature sensor.

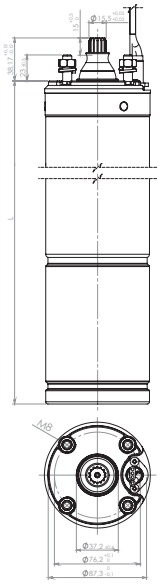
ACCESSORIES
PAG. 603

TECHNICAL DATA

MODEL	CODE	P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	Cs/Cn	P1 (W)	N (min^{-1})	Cos φ	η %	C (μF)	CABLE Ø mm^2	CABLE LC (m)
40L - 0,37 kW - 230 V - M	60122764	0,5	0,37	1x230 V ~	3,5	2,6	0,64	725	2800	0,9	51	16	4x1,5	1,7
40L - 0,55 kW - 230 V - M	60122765	0,75	0,55	1x230 V ~	4,5	2,7	0,60	950	2800	0,92	58	20	4x1,5	1,7
40L - 0,75 kW - 230 V - M	60122766	1	0,75	1x230 V ~	6,3	3,2	0,64	1275	2820	0,88	59	25	4x1,5	1,7
40L - 1,1 kW - 230 V - M	60122767	1,5	1,1	1x230 V ~	8,5	2,9	0,54	1780	2800	0,91	62	35	4x1,5	1,7
40L - 1,5 kW - 230 V - M	60122768	2	1,5	1x230 V ~	10,8	3,2	0,43	2160	2800	0,87	69	40	4x1,5	1,7
40L - 2,2 kW - 230 V - M	00484000	3	2,2	1x230 V ~	14	3,2	0,57	3060	2800	0,87	78	60	4x1,5	1,7
40L - 0,37 kW - 400V - T	60122770	0,5	0,37	3x400 V ~	1,6	3,3	3,5	700	2820	0,63	53	-	4x1,5	1,7
40L - 0,37 kW - 230V - T	60122769	0,5	0,37	3x230 V ~	2,8	3,2	3,5	700	2820	0,63	53	-	4x1,5	1,7
40L - 0,55 kW - 400V - T	60122772	0,75	0,55	3x400 V ~	2,2	3,4	3,9	980	2820	0,64	56	-	4x1,5	1,7
40L - 0,55 kW - 230V - T	60122771	0,75	0,55	3x230 V ~	3,8	3,4	3,9	980	2820	0,64	56	-	4x1,5	1,7
40L - 0,75 kW - 400V - T	60122774	1	0,75	3x400 V ~	2,6	3,8	3,7	1200	2820	0,68	62	-	4x1,5	1,7
40L - 0,75 kW - 230V - T	60122773	1	0,75	3x230 V ~	4,5	3,8	3,7	1200	2820	0,68	62	-	4x1,5	1,7
40L - 1,1 kW - 400V - T	60122776	1,5	1,1	3x400 V ~	3,6	4,4	4,3	1700	2830	0,68	65	-	4x1,5	1,7
40L - 1,1 kW - 230V - T	60122775	1,5	1,1	3x230 V ~	6,2	4,5	4,3	1700	2830	0,68	65	-	4x1,5	1,7
40L - 1,5 kW - 400V - T	60122778	2	1,5	3x400 V ~	4,6	4,3	4,4	2160	2810	0,68	69	-	4x1,5	1,7
40L - 1,5 kW - 230V - T	60122777	2	1,5	3x230 V ~	7,9	4,4	4,4	2160	2810	0,68	69	-	4x1,5	1,7
40L - 2,2 kW - 400V - T	00484500	3	2,2	3x400 V ~	6	5,2	3,3	3050	2810	0,7	72	-	4x1,5	1,7
40L - 2,2 kW - 230V - T	00484450	3	2,2	3x230 V ~	10,4	5,2	3,3	3050	2810	0,7	72	-	4x1,5	1,7
40L - 3 kW - 400V - T	00485000	4	3	3x400 V ~	7,9	5,7	3,3	4000	2840	0,73	75	-	4x1,5	2,7
40L - 3 kW - 230V - T	00484900	4	3	3x230 V ~	13,6	5,7	3,3	4000	2840	0,73	75	-	4x1,5	2,7
40L - 4 kW- 400V - T	00486000	5,5	4	3x400 V ~	10,2	5,4	3,4	5260	2850	0,74	76	-	4x1,5	2,7
40L - 4 kW - 230V - T	00485900	5,5	4	3x230 V ~	17,6	5,4	3,4	5260	2850	0,74	76	-	4x2	2,7
40L - 5,5 kW - 400V - T	00487500	7,5	5,5	3x400 V ~	13,1	5,3	3,4	6900	2850	0,76	80	-	4x1,5	2,7
40L - 5,5 kW - 230V - T	00487410	7,5	5,5	3x230 V ~	22,6	5,4	3,4	6900	2850	0,76	80	-	4x2	2,7
40L - 7,5 kW - 400V - T	00488100	10	7,5	3x400 V ~	16,9	5,0	3	9030	2840	0,77	81	-	4x2	3,5

DAB PUMPS reserves the right to make modifications without notice

DIMENSIONS AND WEIGHTS



MODEL	L (mm)	Ø	WEIGHT Kg	AXIAL THRUST (N)
40L - 0,37 kW - M	325	93	6,6	2000
40L - 0,55 kW - M	345	93	7,6	2000
40L - 0,75 kW - M	375	93	8,9	2000
40L - 1,1 kW - M	395	93	9,8	2000
40L - 1,5 kW - M	440	93	11,8	2000
40L - 2,2 kW - M	518	93	14,6	3000/4000
40L - 0,37 kW - T	325	93	6,6	2000
40L - 0,55 kW - T	325	93	6,6	2000
40L - 0,75 kW - T	345	93	7,6	2000
40L - 1,1 kW - T	375	93	8,9	2000
40L - 1,5 kW - T	395	93	9,7	2000
40L - 2,2 kW - T	498	93	13,8	3000/4000
40L - 3 kW - T	558	93	17,5	4000
40L - 4 kW - T	628	93	20,8	4000
40L - 5,5 kW - T	698	93	23,9	5000
40L - 7,5 kW - T	778	93	24,1	5000



CE

Multistage, centrifugal, submersible motor-driven pumps for 6" wells or larger, able to generate a vast range of heads and flow rates.
They can be employed in a wide range of lifting, distributing and pressurising applications in civil and industrial water installations, supplying autoclaves and cisterns, fire fighting and washing systems, irrigation systems.

Constructional characteristics of the pump:
Base support and upper head in stainless steel AISI 304
Bottom support dimensioned to NEMA 6" standard.
Check valve incorporated in the supply support.
Bush bearings: bronze rubber
Spline shaft (AISI 420) entirely protected.
Consumable rings, spacer tubes for diffuser body, cable protection, suction grille in AISI 304 stainless steel. Noryl impellers and diffusers.

Constructional characteristics of the motor
Asynchronous 2-pole submersible motor totally built from AISI 304 stainless steel.
Squirrel-cage rotor mounted on a self-centring thrust block bearing suitable for withstanding axial loads. Stator inserted in a stainless steel airtight casing. Protection devices must be provided by the user according to EN 60947-4-1 (Cut-in delay <10 sec. a 5 x In).

Protection level: IP 68
Operating range: up to 66 m^3/h with heads up to 468 m.
Pumped liquid: clean, free from solid or abrasive substances,
chemically neutral and close to the characteristics of water
Maximum water temperature: refers to the maximum temperature that the motor can tolerate.
Starts/hour: max 20
Max. quantity of sand: 40g/m^3
Minimum recommended level on suction: 1 metre.

ACCESSORIES
PAG. 603

TECHNICAL DATA - S6 Direct Starting

MODEL	HYDRAULIC PART CODE DIRECT STARTING	MOTOR CODE 3 x 400 V ~ DIRECT STARTING	ELECTRICAL DATA			HYDRAULIC DATA										DNM GAS	WEIGHT Kg	H mm
			P2 NOMINAL		In (A)	Q=m^3h	0	6	7,8	8,4	10,8	12	15	18	24	36		
			kW	HP		Q=l/min	0	100	130	140	180	200	250	300	400	600		
S6 B9 + 6GF 4kW	104068000	0605500	4	5,5	10,6		147	125	120	114	96	85	46				3" G	33	1208
S6 B12 + 6GF 5,5kW	104068010	0607500	5,5	7,5	14		196	172	160	152	128	113	64				3" G	41	1435
S6 B15 + 6GF 7,5kW	104068020	0610000	7,5	10	18		224	216	198	190	160	141	80				3" G	65	1542
S6 B18 + 6GF 9,2kW	104068030	0612500	9,2	12,5	22		293	250	238	228	193	169	96				3" G	72	1686
S6 B21 + 6GF 9,2kW	104068040	0612500	9,2	12,5	22		342	291	278	266	225	197	112				3" G	75	1799
S6 B24 + 6GF 11kW	104068050	0615000	11	15	25,5		391	340	315	304	257	226	128				3" G	81	1973
S6 B28 + 6GF 15kW	104068060	0620000	15	20	34,5		446	400	370	354	300	263	149				3" G	96	2312
S6 D6 + 6GF 4kW	104068200	0605500	4	5,5	10,6		94			87	80	76	63	44			3" G	30	1056
S6 D7 + 6GF 5,5kW	104068210	0607500	5,5	7,5	14		109			101	93	89	74	51			3" G	37	1246
S6 D8 + 6GF 5,5kW	104068220	0607500	5,5	7,5	14		125			115	106	102	84	58			3" G	38	1284
S6 D9 + 6GF 5,5kW	104068230	0607500	5,5	7,5	14		140			130	120	114	95	66			3" G	39	1322
S6 D12 + 6GF 7,5kW	104068240	0610000	7,5	10	18		187			173	160	153	127	88			3" G	64	1428
S6 D15 + 6GF 9,2kW	104068250	0612500	9,2	12,5	22	H	234			216	201	191	158	110			3" G	70	1572
S6 D18 + 6GF 11kW	104068260	0615000	11	15	25,5	(mt)	281			260	241	229	190	132			3" G	77	1746
S6 D21 + 6GF 15kW	104068270	0620000	15	20	33,4		328			304	281	267	222	154			3" G	91	1994
S6 D24 + 6GF 15kW	104068280	0620000	15	20	33,4		374			347	321	305	254	176			3" G	99	2168
S6 D30 + 6GF 18,5kW	104068290	0625000	18,5	25	41		468			464	401	381	317	220			3" G	115	2559
S6 F4 + 6GF 4kW	104068400	0605500	4	5,5	10,6		61					53	51	48	40	15	3" G	30	1056
S6 F6 + 6GF 5,5kW	104068410	0607500	5,5	7,5	14		91					80	76	71	59	22	3" G	33	1322
S6 F8 + 6GF 7,5kW	104068420	0610000	7,5	10	18		122					106	101	95	79	30	3" G	63	1428
S6 F10 + 6GF 9,2kW	104068430	0612500	9,2	12,5	22		152					133	126	119	99	37	3" G	70	1572
S6 F12 + 6GF 11kW	104068440	0615000	11	15	25,5		182					159	154	143	119	47	3" G	76	1746
S6 F14 + 6GF 15kW	104068450	0620000	15	20	33,4		213					186	178	167	139	56	3" G	90	1994
S6 F16 + 6GF 15kW	104068460	0620000	15	20	33,4		243					212	204	190	158	64	3" G	97	2168
S6 F20 + 6GF 18,5kW	104068470	0625000	18,5	25	41		304					265	255	238	198	80	3" G	114	2559
S6 F24 + 6GF 22kW	104068480	0630000	22	30	47		365					318	305	286	238	96	3" G	128	2895

DAB PUMPS reserves the right to make modifications without notice

MODEL	HYDRAULIC PART CODE DIRECT STARTING	MOTOR CODE 3 x 400 V ~ DIRECT STARTING	ELECTRICAL DATA			HYDRAULIC DATA											DNM GAS	WEIGHT Kg	H mm
			P2 NOMINAL		In (A)	Q=m³h	0	10,8	12	15	18	24	36	48	54	66			
			kW	HP		Q=l/min	0	180	200	250	300	400	600	800	900	1100			
S6 H3 + 6GF 4kW	104068600	0605500	4	5,5	10,6		48				42	39	30	12			3" G	30	1046
S6 H4 + 6GF 5,5kW	104068610	0607500	5,5	7,5	14		63				57	53	40	16			3" G	36	1219
S6 H5 + 6GF 7,5kW	104068620	0610000	7,5	10	18		78				71	66	50	20			3" G	60	1272
S6 H6 + 6GF 9,2kW	104068630	0612500	9,2	12,5	22		94				85	80	60	23			3" G	66	1362
S6 H8 + 6GF 11kW	104068640	0615000	11	15	25,5		126				114	106	80	31			3" G	72	1542
S6 H9 + 6GF 15kW	104068650	0620000	15	20	33,4		141				128	120	90	35			3" G	85	1737
S6 H10 + 6GF 15kW	104068660	0620000	15	20	33,4		157				142	133	100	39			3" G	92	1857
S6 H12 + 6GF 18,5kW	104068670	0625000	18,5	25	41		188				170	160	120	47			3" G	106	2087
S6 H15 + 6GF 22kW	104068680	0630000	22	30	47		235				213	199	150	59			3" G	119	2377
S6 H18 + 6GF 30kW	104068690	0640000	30	40	61,5		283				256	239	180	71			3" G	137	2729
S6 H20 + 6GF 30kW	104068700	0640000	30	40	61,5	H (mt)	314				284	266	200	78			3" G	150	2959
S6 L3 + 6GF 5,5kW	104068800	0607500	5,5	7,5	14		40						28	22	18	7	3" G	28	1160
S6 L4 + 6GF 7,5kW	104068810	0610000	7,5	10	18		52						38	29	23	9	3" G	30	1212
S6 L5 + 6GF 9,2kW	104068820	0612500	9,2	12,5	22		65						48	36	29	11	3" G	59	1302
S6 L6 + 6GF 11kW	104068830	0615000	11	15	25,5		78						57	44	36	13	3" G	65	1422
S6 L8 + 6GF 15kW	104068840	0620000	15	20	33,4		104						77	58	47	18	3" G	71	1677
S6 L9 + 6GF 15kW	104068850	0620000	15	20	33,4		118						86	66	53	20	3" G	91	1797
S6 L10 + 6GF 18,5kW	104068860	0625000	18,5	25	41		131						96	73	59	23	3" G	104	1967
S6 L12 + 6GF 22kW	104068870	0630000	22	30	47		158						114	88	71	27	3" G	116	2197
S6 L15 + 6GF 30kW	104068880	0640000	30	40	61,5		197						144	110	89	34	3" G	134	2497
S6 L18 + 6GF 30kW	104068890	0640000	30	40	61,5		236						173	130	106	41	3" G	147	2839

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

TECHNICAL DATA - S6 Star / Delta Starting

MODEL	HYDRAULIC PART CODE λ/Δ STARTING	MOTOR CODE 3 x 400 V ~ λ/Δ STARTING	ELECTRICAL DATA			HYDRAULIC DATA											DNM GAS	WEIGHT Kg	H mm
			P2 NOMINAL		In (A)	Q=m³h	0	6	7,8	8,4	10,8	12	15	18	24	36			
			kW	HP		Q=l/min	0	100	130	140	180	200	250	300	400	600			
S6 B9 + 6GF 4kW	104067000	0605620	4	5,5	10,6		147	125	120	114	96	85	46				3" G	33	1208
S6 B12 + 6GF 5,5kW	104067010	0607510	5,5	7,5	14		196	172	160	152	128	113	64				3" G	41	1435
S6 B15 + 6GF 7,5kW	104067020	0611750	7,5	10	18		224	216	198	190	160	141	80				3" G	65	1542
S6 B18 + 6GF 9,2kW	104067030	0614000	9,2	12,5	22		293	250	238	228	193	169	96				3" G	72	1686
S6 B21 + 6GF 9,2kW	104067040	0614000	9,2	12,5	22		342	291	278	266	225	197	112				3" G	75	1799
S6 B24 + 6GF 11kW	104067050	0617500	11	15	25,5		391	340	315	304	257	226	128				3" G	81	1973
S6 B28 + 6GF 15kW	104067060	0622500	15	20	34,5		446	400	370	354	300	263	149				3" G	96	2312
S6 D6 + 6GF 4kW	104067200	0605620	4	5,5	10,6		94			87	80	76	63	44			3" G	30	1056
S6 D7 + 6GF 5,5kW	104067210	0607510	5,5	7,5	14		109			101	93	89	74	51			3" G	37	1246
S6 D8 + 6GF 5,5kW	104067220	0607510	5,5	7,5	14		125			115	106	102	84	58			3" G	38	1284
S6 D9 + 6GF 5,5kW	104067230	0607510	5,5	7,5	14		140			130	120	114	95	66			3" G	39	1322
S6 D12 + 6GF 7,5kW	104067240	0611750	7,5	10	18		187			173	160	153	127	88			3" G	64	1428
S6 D15 + 6GF 9,2kW	104067250	0614000	9,2	12,5	22	H	234			216	201	191	158	110			3" G	70	1572
S6 D18 + 6GF 11kW	104067260	0617500	11	15	25,5	(mt)	281			260	241	229	190	132			3" G	77	1746
S6 D21 + 6GF 15kW	104067270	0622500	15	20	33,4		328			304	281	267	222	154			3" G	91	1994
S6 D24 + 6GF 15kW	104067280	0622500	15	20	33,4		374			347	321	305	254	176			3" G	99	2168
S6 D30 + 6GF 18,5kW	104067290	0627500	18,5	25	41		468			464	401	381	317	220			3" G	115	2559
S6 F4 + 6GF 4kW	104067400	0605620	4	5,5	10,6		61					53	51	48	40	15	3" G	30	1056
S6 F6 + 6GF 5,5kW	104067410	0607510	5,5	7,5	14		91					80	76	71	59	22	3" G	33	1322
S6 F8 + 6GF 7,5kW	104067420	0611750	7,5	10	18		122					106	101	95	79	30	3" G	63	1428
S6 F10 + 6GF 9,2kW	104067430	0614000	9,2	12,5	22		152					133	126	119	99	37	3" G	70	1572
S6 F12 + 6GF 11kW	104067440	0617500	11	15	25,5		182					159	154	143	119	47	3" G	76	1746
S6 F14 + 6GF 15kW	104067450	0622500	15	20	33,4		213					186	178	167	139	56	3" G	90	1994
S6 F16 + 6GF 15kW	104067460	0622500	15	20	33,4		243					212	204	190	158	64	3" G	97	2168
S6 F20 + 6GF 18,5kW	104067470	0627500	18,5	25	41		304					265	255	238	198	80	3" G	114	2559
S6 F24 + 6GF 22kW	104067480	0632400	22	30	47		365					318	305	286	238	96	3" G	128	2895

MODEL	HYDRAULIC PART CODE λ/Δ STARTING	MOTOR CODE 3 x 400 V ~ λ/Δ STARTING	ELECTRICAL DATA			HYDRAULIC DATA											DNM GAS	WEIGHT Kg	H mm
			P2 NOMINAL		In (A)	Q=m³h	0	10,8	12	15	18	24	36	48	54	66			
			kW	HP		Q=l/min	0	180	200	250	300	400	600	800	900	1100			
S6 H3 + 6GF 4kW	104067600	0605620	4	5,5	10,6		48				42	39	30	12			3" G	30	1046
S6 H4 + 6GF 5,5kW	104067610	0607510	5,5	7,5	14		63				57	53	40	16			3" G	36	1219
S6 H5 + 6GF 7,5kW	104067620	0611750	7,5	10	18		78				71	66	50	20			3" G	60	1272
S6 H6 + 6GF 9,2kW	104067630	0614000	9,2	12,5	22		94				85	80	60	23			3" G	66	1362
S6 H8 + 6GF 11kW	104067640	0617500	11	15	25,5		126				114	106	80	31			3" G	72	1542
S6 H9 + 6GF 15kW	104067650	0622500	15	20	33,4		141				128	120	90	35			3" G	85	1737
S6 H10 + 6GF 15kW	104067660	0622500	15	20	33,4		157				142	133	100	39			3" G	92	1857
S6 H12 + 6GF 18,5kW	104067670	0627500	18,5	25	41		188				170	160	120	47			3" G	106	2087
S6 H15 + 6GF 22kW	104067680	0632400	22	30	47		235				213	199	150	59			3" G	119	2377
S6 H18 + 6GF 30kW	104067690	0642500	30	40	61,5		283				256	239	180	71			3" G	137	2729
S6 H20 + 6GF 30kW	104067700	0642500	30	40	61,5	H (mt)	314				284	266	200	78			3" G	150	2959
S6 L3 + 6GF 5,5kW	104067800	0607510	5,5	7,5	14		40						28	22	18	7	3" G	28	1160
S6 L4 + 6GF 7,5kW	104067810	0611750	7,5	10	18		52						38	29	23	9	3" G	30	1212
S6 L5 + 6GF 9,2kW	104067820	0614000	9,2	12,5	22		65						48	36	29	11	3" G	59	1302
S6 L6 + 6GF 11kW	104067830	0617500	11	15	25,5		78						57	44	36	13	3" G	65	1422
S6 L8 + 6GF 15kW	104067840	0622500	15	20	33,4		104						77	58	47	18	3" G	71	1677
S6 L9 + 6GF 15kW	104067850	0622500	15	20	33,4		118						86	66	53	20	3" G	91	1797
S6 L10 + 6GF 18,5kW	104067860	0627500	18,5	25	41		131						96	73	59	23	3" G	104	1967
S6 L12 + 6GF 22kW	104067870	0632400	22	30	47		158						114	88	71	27	3" G	116	2197
S6 L15 + 6GF 30kW	104067880	0642500	30	40	61,5		197						144	110	89	34	3" G	134	2497
S6 L18 + 6GF 30kW	104067890	0642500	30	40	61,5		236						173	130	106	41	3" G	147	2839

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

TECHNICAL DATA - S6 ONLY HYDRAULIC PART

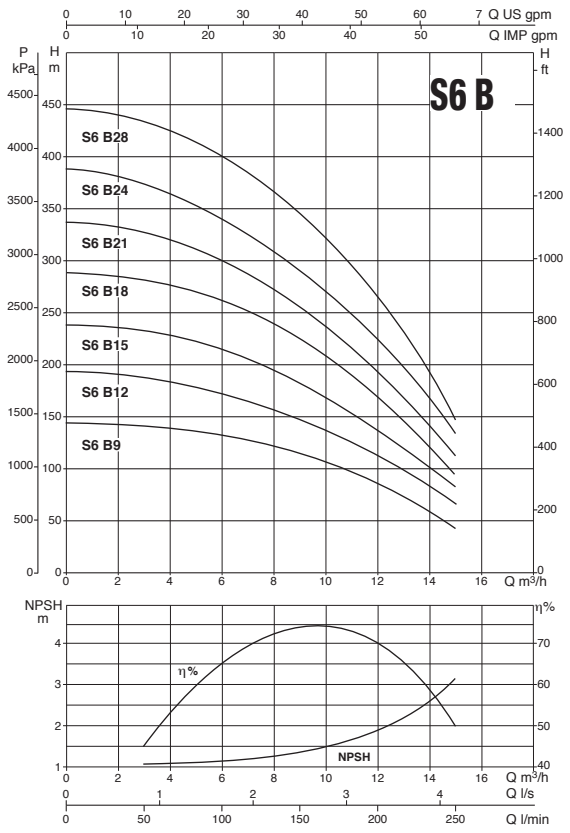
MODEL	HYDRAULIC PART CODE DIRECT STARTING	HYDRAULIC PART CODE λ/Δ STARTING	ELECTRICAL DATA		HYDRAULIC DATA											DNM GAS
			MOTOR P2 NOMINAL		Q=m³h	0	6	7,8	8,4	10,8	12	15	18	24	36	
			kW	HP	Q=l/min	0	100	130	140	180	200	250	300	400	600	
S6 B9	104068000	104067000	4	5,5		147	125	120	114	96	85	46				3"
S6 B12	104068010	104067010	5,5	7,5		196	172	160	152	128	113	64				3"
S6 B15	104068020	104067020	7,5	10		224	216	198	190	160	141	80				3"
S6 B18	104068030	104067030	9,2	12,5		293	250	238	228	193	169	96				3"
S6 B21	104068040	104067040	9,2	12,5		342	291	278	266	225	197	112				3"
S6 B24	104068050	104067050	11	15		391	340	315	304	257	226	128				3"
S6 B28	104068060	104067060	13	17,5		446	400	370	354	300	263	149				3"
S6 D6	104068200	104067200	3,7	5		94			87	80	76	63	44			3"
S6 D7	104068210	104067210	5,5	7,5		109			101	93	89	74	51			3"
S6 D8	104068220	104067220	5,5	7,5		125			115	106	102	84	58			3"
S6 D9	104068230	104067230	5,5	7,5		140			130	120	114	95	66			3"
S6 D12	104068240	104067240	7,5	10		187			173	160	153	127	88			3"
S6 D15	104068250	104067250	9,2	12,5		234			216	201	191	158	110			3"
S6 D18	104068260	104067260	11	15	H (mt)	281			260	241	229	190	132			3"
S6 D21	104068270	104067270	13	17,5		328			304	281	267	222	154			3"
S6 D24	104068280	104067280	15	20		374			347	321	305	254	176			3"
S6 D30	104068290	104067290	18,5	25		468			464	401	381	317	220			3"
S6 F4	104068400	104067400	4	5		61					53	51	48	40	15	3"
S6 F6	104068410	104067410	5,5	7,5		91					80	76	71	59	22	3"
S6 F8	104068420	104067420	7,5	10		122					106	101	95	79	30	3"
S6 F10	104068430	104067430	9,2	12,5		152					133	126	119	99	37	3"
S6 F12	104068440	104067440	11	15		182					159	154	143	119	47	3"
S6 F14	104068450	104067450	13	17,5		213					186	178	167	139	56	3"
S6 F16	104068460	104067460	15	20		243					212	204	190	158	64	3"
S6 F20	104068470	104067470	18,5	25		304					265	255	238	198	80	3"
S6 F24	104068480	104067480	22	30		365					318	305	286	238	96	3"

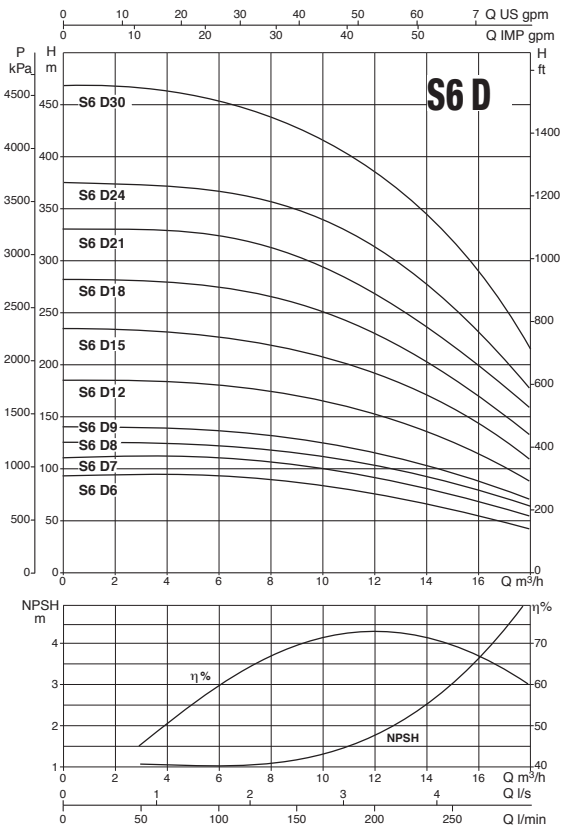


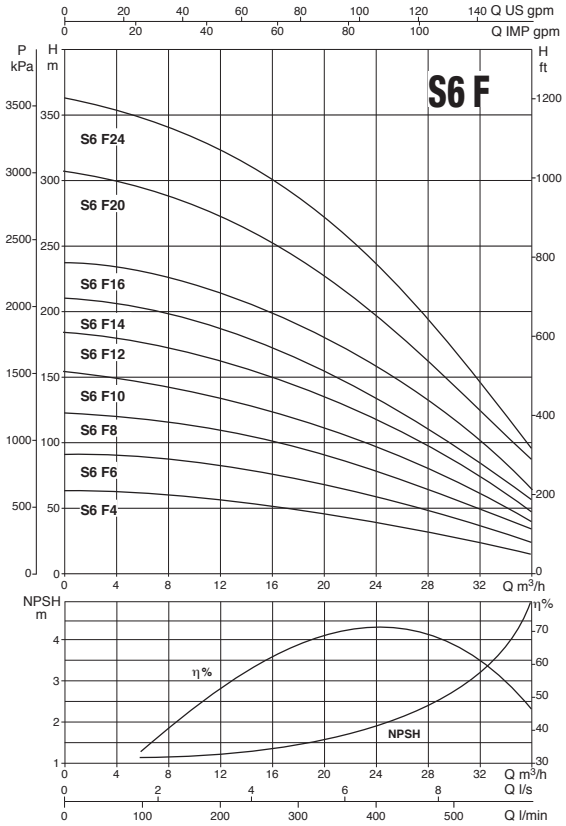
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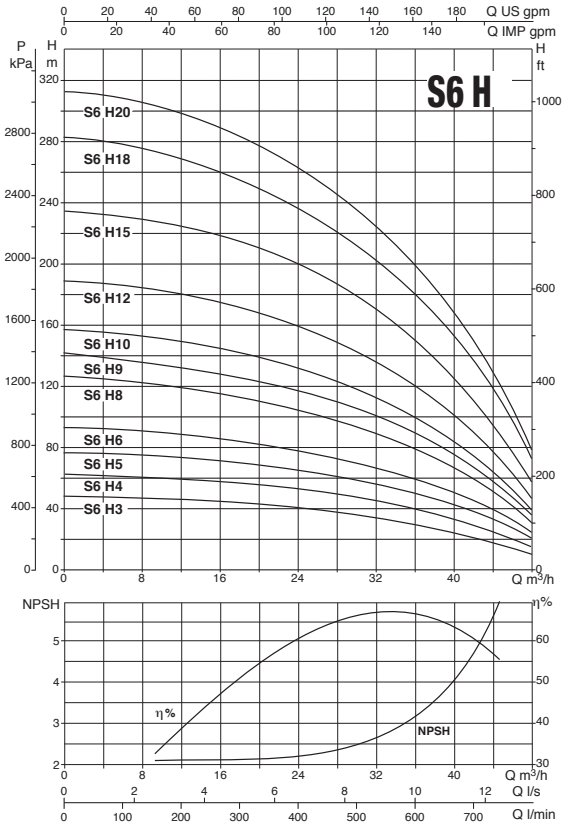
TECHNICAL DATA - S6 ONLY HYDRAULIC PART

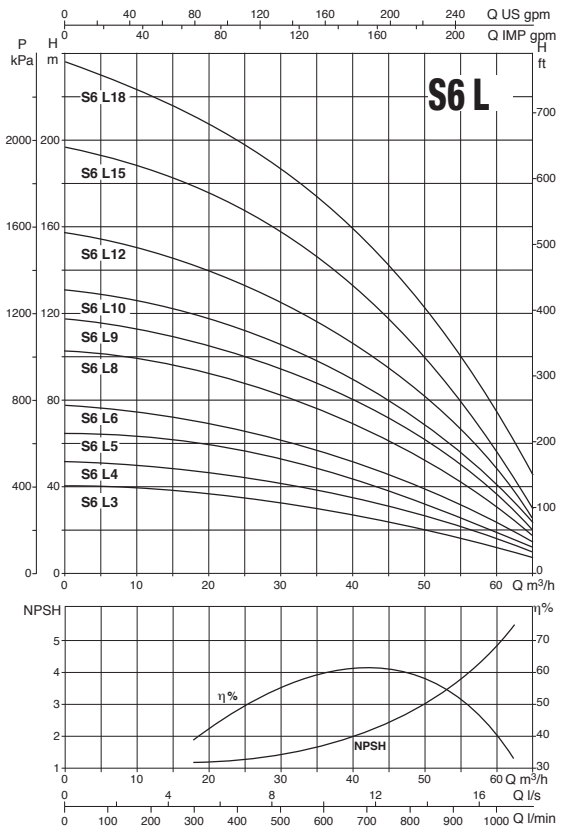
MODEL	HYDRAULIC PART CODE DIRECT STARTING	HYDRAULIC PART CODE λ/Δ STARTING	ELECTRICAL DATA MOTOR P2 NOMINAL kW	HP	HYDRAULIC DATA Q=m³h	0	10,8	12	15	18	24	36	48	54	66	DNM GAS
					Q=l/min	0	180	200	250	300	400	600	800	900	1100	
S6 H3	104068600	104067600	4	5,5	H (mt)	48				42	39	30	12			3"
S6 H4	104068610	104067610	5,5	7,5		63				57	53	40	16			3"
S6 H5	104068620	104067620	7,5	10		78				71	66	50	20			3"
S6 H6	104068630	104067630	9,2	12,5		94				85	80	60	23			3"
S6 H8	104068640	104067640	11	15		126				114	106	80	31			3"
S6 H9	104068650	104067650	13	17,5		141				128	120	90	35			3"
S6 H10	104068660	104067660	15	20		157				142	133	100	39			3"
S6 H12	104068670	104067670	18,5	25		188				170	160	120	47			3"
S6 H15	104068680	104067680	22	30		235				213	199	150	59			3"
S6 H18	104068690	104067690	26	35		283				256	239	180	71			3"
S6 H20	104068700	104067700	30	40		314				284	266	200	78			3"
S6 L3	104068800	104067800	5,5	7,5		40						28	22	18	7	3"
S6 L4	104068810	104067810	7,5	10		52						38	29	23	9	3"
S6 L5	104068820	104067820	9,2	12,5		65						48	36	29	11	3"
S6 L6	104068830	104067830	11	15		78						57	44	36	13	3"
S6 L8	104068840	104067840	13	17,5		104						77	58	47	18	3"
S6 L9	104068850	104067850	15	20		118						86	66	53	20	3"
S6 L10	104068860	104067860	18,5	25		131						96	73	59	23	3"
S6 L12	104068870	104067870	22	30		158						114	88	71	27	3"
S6 L15	104068880	104067880	26	35		197						144	110	89	34	3"
S6 L18	104068890	104067890	30	40		236						173	130	106	41	3"





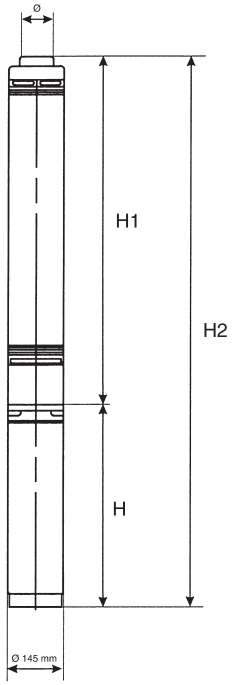






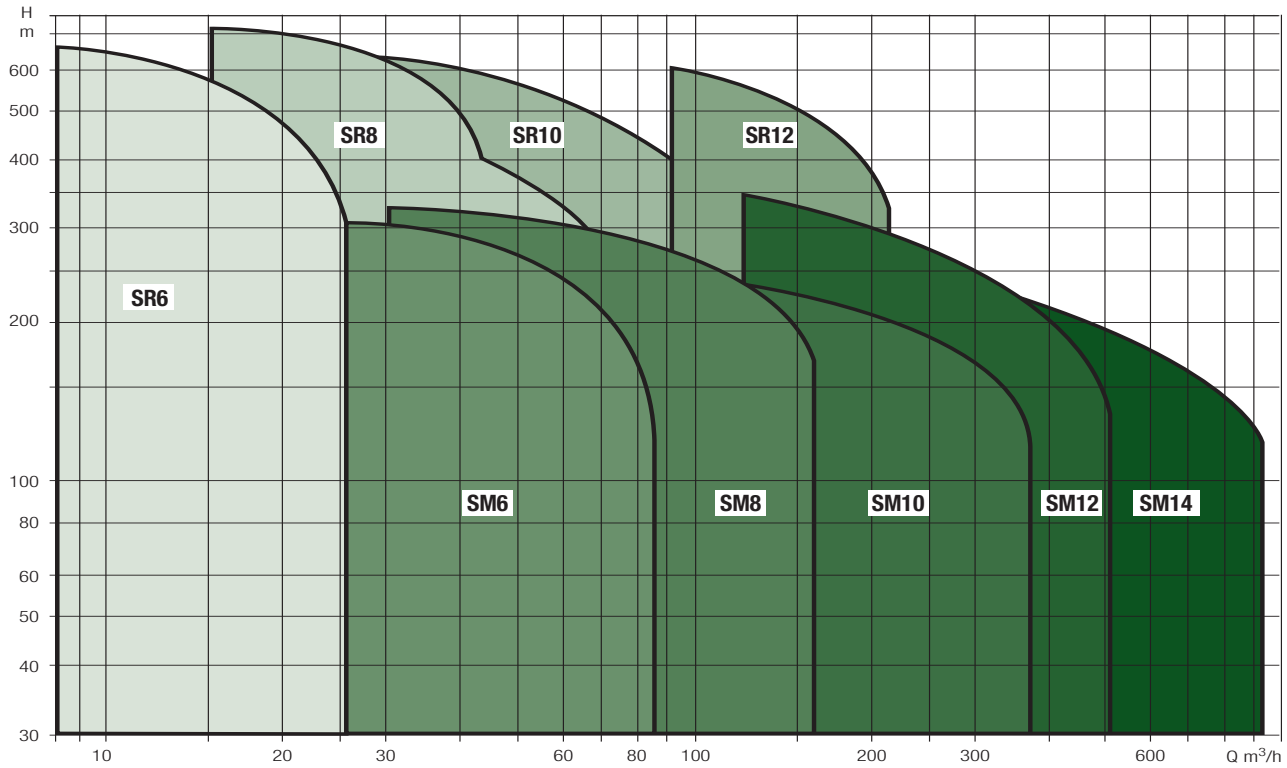
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DIMENSIONS AND WEIGHTS

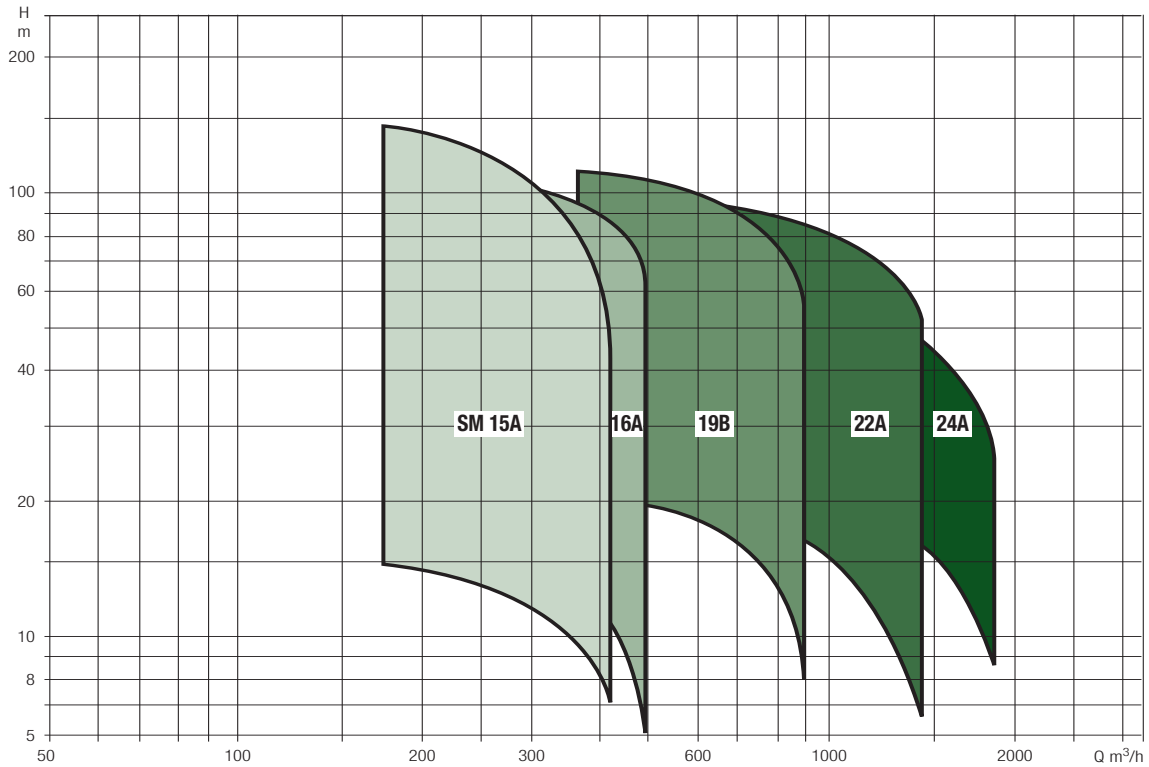


MODEL	H (mm)	H1 (mm)	H2 (mm)	Ø	WEIGHT OF PUMP	TOTAL WEIGHT
S6 B9	600	625	1225	3"	11	50,5
S6 B12	631	738	1369	3"	13,5	56,7
S6 B15	660	852	1512	3"	15	60,5
S6 B18	685	966	1651	3"	17	66
S6 B21	685	1079	1764	3"	19,5	68,5
S6 B24	730	1193	1923	3"	21	74
S6 B28	785	1397	2182	3"	23,5	82,5
S6 D6	600	511	1111	3"	9	48,5
S6 D7	631	549	1180	3"	9,5	52,7
S6 D8	631	587	1218	3"	11	54,2
S6 D9	631	625	1256	3"	11	55,2
S6 D12	660	738	1398	3"	13,5	59
S6 D15	685	852	1537	3"	15	64
S6 D18	730	966	1696	3"	17	70
S6 D21	785	1079	1864	3"	19	78
S6 D24	785	1193	1978	3"	21	80
S6 D30	860	1474	2334	3"	25	91,5
S6 F4	600	511	1111	3"	10	49,5
S6 F6	631	625	1256	3"	11	54,2
S6 F8	660	738	1398	3"	13	58,5
S6 F10	685	852	1537	3"	14,5	63,5
S6 F12	730	966	1696	3"	16	69
S6 F14	785	1079	1864	3"	17,5	76,5
S6 F16	785	1193	1978	3"	20	79
S6 F20	860	1474	2334	3"	24	90,5
S6 F24	920	1700	2620	3"	27,5	100

2 POLES RANGE (RADIAL AND MIXED FLOW SUBMERSIBLE PUMPS)



4 POLES RANGE (MIXED FLOW ELECTRIC PUMPS)





For information on the range of pumps and 4 poles motors, contact our sales network.

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EXSAMPLES OF MATERIAL SELECTION FOR SM-SR PUMPS

	HYDRAULIC PART	MOTOR	
	OPTIONAL VERSION	OPTIONAL VERSION	
BODY	 CAST IRON  STAINLESS STEEL	 CAST IRON AND STAINLESS STEEL  STAINLESS STEEL	BODY
IMPELLERS	 CAST IRON  BRONZE  STAINLESS STEEL	 PVC PE2+PA	WINDING STATOR

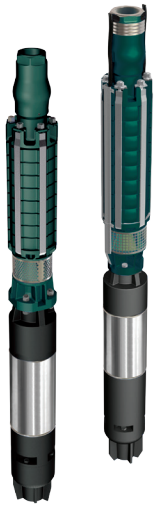
APPLICATION	HYDRAULIC PART				MOTOR			NOTES
	BODY	IMPELLERS	NON-RETURN VALVE	BUSHING AND WEAR RINGS	BODY	WINDINGS	DERATING	
STANDARD APPLICATION	Cast iron	Cast iron / AISI 316 / Bronze	yes	Steel + rubber	Cast iron + Steel	PVC	no	-
AGGRESSIVE WATER	Stainless steel AISI 316	Stainless steel AISI 316	yes	Special	Stainless steel AISI 316	PVC	no	-
SEA WATER	Stainless steel Duplex	Stainless steel Duplex	yes	Special	Stainless steel AISI 904	PE2+PA	no	Cooling sleeve required
INVERTER APPLICATION	Cast iron	Cast iron	yes	Steel + rubber	Cast iron + Steel	PE2+PA	no	Minimum working frequency = 30Hz
HIGH TEMPERATURE, NOT AGGRESSIVE WATER	Cast iron	Cast iron	yes	Bronze	Cast iron + Steel	PE2+PA	To be evauated	Cooling sleeve required
HIGH TEMPERATURE, AGGRESSIVE WATER (HOT SPRINGS)	Stainless steel Duplex	Stainless steel Duplex	yes	Special	Stainless steel AISI 904	PE2+PA	To be evauated	Cooling sleeve required
HORIZONTAL APPLICATION	Cast iron	Cast iron	no	Steel + rubber	Cast iron + Steel	PVC	no	Cooling sleeve required

This table shows some examples of material selection for SM submersible pumps.
For a correct selection, please contact our sales network.

SR6

6" SUBMERSIBLE ELECTRIC PUMP

NEW



Multistage submersible **radial** (high pressure) pumps for 6" wells or larger, able to generate a wide range of heads. They can be used in a wide range of applications for lifting, pressurizing and distribution in civil and industrial installations, autoclave and cistern inlets supply, fire fighting, washing plants and irrigation systems.
Application for clean water, non aggressive, without solids or abrasives.
Maximum presence of sand in the water: 30gr/m^3
Maximum water temperature: refers to the maximum temperature that the motor can tolerate.
Characteristics of the pump:
Body of painted cast iron, impellers and diffusers in stainless steel AISI 304. The impellers are dynamically balanced and keyed to the shaft with key drive.
Shaft driven by coaxial bushing bearings and fully protected by bushings.

Pump fitted with a check valve with low pressure drop.
Threaded delivery port 2" GAS.
Coupled with 6" motors:
6GF: 6" canned submersible motor.
TR6: 6" rewindable submersible motors.
For operation with inverter refer to the specifications of the motor.
On request:
- Hydraulic parts in special materials for use in aggressive water.
- Version without non-return valve for horizontal installation.
- Non-standard motor / pump couplings.

ACCESSORIES
PAG. 603

TECHNICAL DATA - SR6A Direct Starting

6GF MOTOR DETAIL pag. 593 / TR6 pag. 595

MODEL	HYDRAULIC PART CODE	MOTOR CODE	ELECTRICAL DATA			HYDRAULIC DATA									DNM GAS	WEIGHT KG	H mm	Operating by inverter	Horizontal instal.
			P2 NOMINAL		In 400 V (A)	Q=m^{3}h	0	7	8	9	10	11	12	13	14					
			kW	HP		Q=l/min	0	117	133	150	167	183	200	217	233					
SR6A5 + 6GF 4 KW	60162484	0605500	4	5,5	10,6		58	59	56	53	49	45	39	32	24	2"	67,5	1228	●	●
SR6A6 + 6GF 4 KW	60162485	0605500	4	5,5	10,6		70	71	67	64	59	53	46	38	29	2"	69,5	1266	●	●
SR6A7 + 6GF 4 KW	60162486	0605500	4	5,5	10,6		81	83	78	74	69	62	54	45	34	2"	71,5	1304	●	●
SR6A8 + 6GF 4 KW	60162487	0605500	4	5,5	10,6		93	94	90	85	78	71	62	51	38	2"	74,5	1342	●	●
SR6A9 + 6GF 5,5 KW	60162488	0607500	5,5	7,5	14		104	106	101	95	88	80	69	58	43	2"	80,2	1411	●	●
SR6A10 + 6GF 5,5 KW	60162491	0607500	5,5	7,5	14		116	118	112	106	98	89	77	64	48	2"	82,2	1449	●	●
SR6A12 + 6GF 5,5 KW	60162492	0607500	5,5	7,5	14		139	142	134	127	118	107	92	77	58	2"	91,2	1589	●	●
SR6A14 + 6GF 7,5 KW	60162493	0610000	7,5	10	18		162	165	157	148	137	125	108	90	67	2"	98,5	1694	●	●
SR6A16 + 6GF 7,5 KW	60162494	0610000	7,5	10	18		186	189	179	170	157	142	123	102	77	2"	102,5	1770	●	●
SR6A18 + 6GF 9,2 KW	60162495	0612500	9,2	12,5	22		209	212	202	191	176	160	139	115	86	2"	111	1871	●	●
SR6A20 + 6GF 9,2 KW	60162496	0612500	9,2	12,5	22		232	236	224	212	196	178	154	128	96	2"	115	1947	●	●
SR6A22 + 6GF 11 KW	60162497	0615000	11	15	25,5		255	260	246	233	216	196	169	141	106	2"	123	2068	●	●
SR6A24 + 6GF 11 KW	60162498	0615000	11	15	25,5		278	283	269	254	235	214	185	154	115	2"	128	2144	●	●
SR6A26 + 6GF 15 KW	60162499	0620000	15	20	33,4		302	307	291	276	255	231	200	166	125	2"	143	2339	●	●
SR6A28 + 6GF 15 KW	60162500	0620000	15	20	33,4		325	330	314	297	274	249	216	179	134	2"	148	2415	●	●
SR6A30 + 6GF 15 KW	60162501	0620000	15	20	33,4	H (mt)	348	354	336	318	294	267	231	192	144	2"	152	2491	●	●
SR6A32 + 6GF 15 KW	60162502	0620000	15	20	33,4		371	378	358	339	314	285	246	205	154	2"	156	2567	●	●
SR6A34 + 6GF 18,5 KW	60162503	0625000	18,5	25	41		394	401	381	360	333	303	262	218	163	2"	168,5	2718	●	●
SR6A36 + 6GF 18,5 KW	60162504	0625000	18,5	25	41		418	425	403	382	353	320	277	230	173	2"	172,5	2794	●	●
SR6A38 + 6GF 18,5 KW	60162505	0625000	18,5	25	41		441	448	426	403	372	338	293	243	182	2"	177,5	2870	●	●
SR6A40 + 6GF 18,5 KW	60162506	0625000	18,5	25	41		464	472	448	424	392	356	308	256	192	2"	181,5	2946	●	●
SR6A42 + 6GF 22 KW	60162507	0630000	22	30	47		482	491	466	441	407	370	320	266	200	2"	191,5	3082	●	●
SR6A44 + 6GF 30 KW	60162508	0640000	30	40	61,5		505	514	488	462	427	388	335	279	209	2"	209	3288	●	●
SR6A46 + 6GF 30 KW	60162509	0640000	30	40	61,5		523	532	505	478	442	401	347	289	216	2"	213	3364	●	●
SR6A48 + 6GF 30 KW	60162510	0640000	30	40	61,5		546	555	527	499	461	419	362	301	226	2"	218	3440	●	●
SR6A50 + 6GF 30 KW	60162511	0640000	30	40	61,5		563	572	543	514	475	432	373	310	233	2"	222	3516	●	●
SR6A52 + 6GF 30 KW	60162512	0640000	30	40	61,5		579	589	559	529	489	444	384	319	240	2"	226	3592	●	●
SR6A54 + 6GF 30 KW	60162513	0640000	30	40	61,5		620	631	599	567	524	476	412	342	257	2"	231	3668	●	●
SR6A56 + 6GF 30 KW	60162514	0640000	30	40	61,5		637	648	615	582	538	488	423	351	263	2"	235	3744	●	●
SR6A58 + 6GF 30 KW	60162515	0640000	30	40	61,5		653	664	630	596	551	501	433	360	270	2"	240	3820	●	●

● allowed
o on demand

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TECHNICAL DATA - SR6A hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA										DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0	7	8	9	10	11	12	13	14				
		kW	HP	Q=l/min	0	117	133	150	167	183	200	217	233				
SR6A5	60162484	4	5,5		58	59	56	53	49	45	39	32	24	2"	28	628	6"
SR6A6	60162485	4	5,5		70	71	67	64	59	53	46	38	29	2"	30	666	6"
SR6A7	60162486	4	5,5		81	83	78	74	69	62	54	45	34	2"	32	704	6"
SR6A8	60162487	4	5,5		93	94	90	85	78	71	62	51	38	2"	35	742	6"
SR6A9	60162488	5,5	7,5		104	106	101	95	88	80	69	58	43	2"	37	780	6"
SR6A10	60162491	5,5	7,5		116	118	112	106	98	89	77	64	48	2"	39	818	6"
SR6A12	60162492	5,5	7,5		139	142	134	127	118	107	92	77	58	2"	48	958	6"
SR6A14	60162493	7,5	10		162	165	157	148	137	125	108	90	67	2"	53	1034	6"
SR6A16	60162494	7,5	10		186	189	179	170	157	142	123	102	77	2"	57	1110	6"
SR6A18	60162495	9,2	12,5		209	212	202	191	176	160	139	115	86	2"	62	1186	6"
SR6A20	60162496	9,2	12,5		232	236	224	212	196	178	154	128	96	2"	66	1262	6"
SR6A22	60162497	11	15		255	260	246	233	216	196	169	141	106	2"	70	1338	6"
SR6A24	60162498	11	15		278	283	269	254	235	214	185	154	115	2"	75	1414	6"
SR6A26	60162499	15	20		302	307	291	276	255	231	200	166	125	2"	84	1554	6"
SR6A28	60162500	15	20	H	325	330	314	297	274	249	216	179	134	2"	89	1630	6"
SR6A30	60162501	15	20	(mt)	348	354	336	318	294	267	231	192	144	2"	93	1706	6"
SR6A32	60162502	15	20		371	378	358	339	314	285	246	205	154	2"	97	1782	6"
SR6A34	60162503	18,5	25		394	401	381	360	333	303	262	218	163	2"	102	1858	6"
SR6A36	60162504	18,5	25		418	425	403	382	353	320	277	230	173	2"	106	1934	6"
SR6A38	60162505	18,5	25		441	448	426	403	372	338	293	243	182	2"	111	2010	6"
SR6A40	60162506	18,5	25		464	472	448	424	392	356	308	256	192	2"	115	2086	6"
SR6A42	60162507	22	30		482	491	466	441	407	370	320	266	200	2"	119	2162	6"
SR6A44	60162508	30	40		505	514	488	462	427	388	335	279	209	2"	124	2238	6"
SR6A46	60162509	30	40		523	532	505	478	442	401	347	289	216	2"	128	2314	6"
SR6A48	60162510	30	40		546	555	527	499	461	419	362	301	226	2"	133	2390	6"
SR6A50	60162511	30	40		563	572	543	514	475	432	373	310	233	2"	137	2466	6"
SR6A52	60162512	30	40		579	589	559	529	489	444	384	319	240	2"	141	2542	6"
SR6A54	60162513	30	40		620	631	599	567	524	476	412	342	257	2"	146	2618	6"
SR6A56	60162514	30	40		637	648	615	582	538	488	423	351	263	2"	150	2694	6"
SR6A58	60162515	30	40		653	664	630	596	551	501	433	360	270	2"	155	2770	6"

TECHNICAL DATA - SR6B Direct Starting

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MODEL	HYDRAULIC PART CODE	MOTOR CODE	ELECTRICAL DATA			HYDRAULIC DATA										DNM GAS	WEIGHT KG	H mm	Operating by inverter	Horizontal instal.
			P2 NOMINAL		In 400 V (A)	Q=m³h	0	12	13	14	15	18	21	24	27					
			kW	HP		Q=l/min	0	200	217	233	250	300	350	400	450					
SR6B4 + 6GF 4 KW	60162516	0605500	4	5,5	10,6		49	51	49	47	42	36	33	29	20	2"	65,5	1190	●	●
SR6B5 + 6GF 4 KW	60162517	0605500	4	5,5	10,6		62	64	62	59	53	45	41	36	25	2"	67,5	1228	●	●
SR6B6 + 6GF 4 KW	60162518	0605500	4	5,5	10,6		74	77	74	71	64	54	49	43	30	2"	69,5	1266	●	●
SR6B7 + 6GF 5,5 KW	60162519	0607500	4	5,5	10,6		86	90	86	83	74	63	57	50	35	2"	71,5	1304	●	●
SR6B8 + 6GF 5,5 KW	60162520	0607500	5,5	7,5	14		98	102	98	94	85	72	66	57	40	2"	78,2	1373	●	●
SR6B9 + 6GF 5,5 KW	60162521	0607500	5,5	7,5	14		111	115	111	106	95	81	74	65	45	2"	80,2	1411	●	●
SR6B10 + 6GF 7,5 KW	60162522	0610000	5,5	10	18		123	128	123	118	106	90	82	72	50	2"	84,5	1478	●	●
SR6B11 + 6GF 7,5 KW	60162523	0610000	7,5	10	18		135	141	135	130	117	99	90	79	55	2"	91,5	1516	●	●
SR6B12 + 6GF 7,5 KW	60162524	0610000	7,5	10	18		148	154	148	142	127	108	98	86	60	2"	93,5	1618	●	●
SR6B14 + 6GF 9,2 KW	60162525	0612500	9,2	12,5	22		172	179	172	165	148	126	115	100	70	2"	102	1719	●	●
SR6B16 + 6GF 11 KW	60162526	0615000	9,2	12,5	22		197	205	197	189	170	144	131	115	80	2"	106	1795	●	●
SR6B18 + 6GF 11 KW	60162527	0615000	11	15	25,5		221	230	221	213	191	162	148	129	90	2"	115	1916	●	●
SR6B20 + 6GF 15 KW	60162528	0620000	15	20	33,4		246	526	246	236	212	180	164	143	100	2"	125	2047	●	●
SR6B22 + 6GF 15 KW	60162529	0620000	15	20	33,4		271	282	271	260	233	198	180	158	110	2"	129	2123	●	●
SR6B24 + 6GF 15 KW	60162530	0620000	15	20	33,4	H (mt)	295	307	295	283	254	216	197	172	120	2"	134	2199	●	●
SR6B26 + 6GF 18,5 KW	60162531	0625000	18,5	25	41		320	333	320	307	276	234	213	186	130	2"	150,5	2414	●	●
SR6B28 + 6GF 18,5 KW	60162532	0625000	18,5	25	41		344	358	344	331	297	252	230	201	140	2"	155,5	2490	●	●
SR6B30 + 6GF 18,5 KW	60162533	0625000	18,5	25	41		369	384	369	354	318	270	246	215	150	2"	159,5	2566	●	●
SR6B32 + 6GF 22 KW	60162534	0630000	22	30	47		394	410	394	378	339	288	262	229	160	2"	169,5	2702	●	●
SR6B34 + 6GF 22 KW	60162535	0630000	22	30	47		418	435	418	402	360	306	279	244	170	2"	174,5	2778	●	●
SR6B36 + 6GF 22 KW	60162536	0630000	22	30	47		443	461	443	425	382	324	295	258	180	2"	178,5	2854	●	●
SR6B38 + 6GF 30 KW	60162537	0640000	30	40	61,5		467	486	467	449	403	342	312	272	190	2"	196	3060	●	●
SR6B40 + 6GF 30 KW	60162538	0640000	30	40	61,5		492	512	492	472	424	360	328	287	200	2"	200	3136	●	●
SR6B42 + 6GF 30 KW	60162539	0640000	30	40	61,5		511	532	511	491	441	374	341	298	208	2"	204	3212	●	●
SR6B44 + 6GF 30 KW	60162540	0640000	30	40	61,5		536	558	536	514	462	392	357	312	218	2"	209	3288	●	●
SR6B46 + 6GF 30 KW	60162541	0640000	30	40	61,5		554	577	554	532	478	406	370	323	225	2"	213	3364	●	●
SR6B48 + 6GF 30 kW	60162542	0640000	30	40	61,5		567	590	567	544	488	415	378	330	230	2"	218	3440	●	●
SR6B50 + 6GF 37 kW	60162543	0650000	37	50	79,5		609	634	609	585	525	446	406	355	248	2"	235	3646	●	●
SR6B52 + 6GF 37 kW	60162544	0650000	37	50	79,5		627	652	627	602	540	459	418	365	255	2"	239	3722	●	●
SR6B54 + 6GF 37 kW	60162545	0650000	37	50	79,5		638	664	638	612	550	467	425	372	259	2"	244	3798	●	●

● allowed
o on demand

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TECHNICAL DATA - SR6B hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA P2 NOMINAL REQUESTED kW	HP	HYDRAULIC DATA Q=m³h	0	12	13	14	15	18	21	24	27	DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
				Q=l/min	0	200	217	233	250	300	350	400	450				
SR6B4	60162516	4	5,5		49	51	49	47	42	36	33	29	20	2"	26	590	6"
SR6B5	60162517	4	5,5		62	64	62	59	53	45	41	36	25	2"	28	628	6"
SR6B6	60162518	4	5,5		74	77	74	71	64	54	49	43	30	2"	30	666	6"
SR6B7	60162519	4	5,5		86	90	86	83	74	63	57	50	35	2"	32	704	6"
SR6B8	60162520	5,5	7,5		98	102	98	94	85	72	66	57	40	2"	35	742	6"
SR6B9	60162521	5,5	7,5		111	115	111	106	95	81	74	65	45	2"	37	780	6"
SR6B10	60162522	5,5	10		123	128	123	118	106	90	82	72	50	2"	39	818	6"
SR6B11	60162523	7,5	10		135	141	135	130	117	99	90	79	55	2"	46	856	6"
SR6B12	60162524	7,5	10		148	154	148	142	127	108	98	86	60	2"	48	958	6"
SR6B14	60162525	9,2	12,5		172	179	172	165	148	126	115	100	70	2"	53	1034	6"
SR6B16	60162526	9,2	12,5		197	205	197	189	170	144	131	115	80	2"	57	1110	6"
SR6B18	60162527	11	15		221	230	221	213	191	162	148	129	90	2"	62	1186	6"
SR6B20	60162528	15	20		246	526	246	236	212	180	164	143	100	2"	66	1262	6"
SR6B22	60162529	15	20		271	282	271	260	233	198	180	158	110	2"	70	1338	6"
SR6B24	60162530	15	20	H (mt)	295	307	295	283	254	216	197	172	120	2"	75	1414	6"
SR6B26	60162531	18,5	25		320	333	320	307	276	234	213	186	130	2"	84	1554	6"
SR6B28	60162532	18,5	25		344	358	344	331	297	252	230	201	140	2"	89	1630	6"
SR6B30	60162533	18,5	25		369	384	369	354	318	270	246	215	150	2"	93	1706	6"
SR6B32	60162534	22	30		394	410	394	378	339	288	262	229	160	2"	97	1782	6"
SR6B34	60162535	22	30		418	435	418	402	360	306	279	244	170	2"	102	1858	6"
SR6B36	60162536	22	30		443	461	443	425	382	324	295	258	180	2"	106	1934	6"
SR6B38	60162537	30	40		467	486	467	449	403	342	312	272	190	2"	111	2010	6"
SR6B40	60162538	30	40		492	512	492	472	424	360	328	287	200	2"	115	2086	6"
SR6B42	60162539	30	40		511	532	511	491	441	374	341	298	208	2"	119	2162	6"
SR6B44	60162540	30	40		536	558	536	514	462	392	357	312	218	2"	124	2238	6"
SR6B46	60162541	30	40		554	577	554	532	478	406	370	323	225	2"	128	2314	6"
SR6B48	60162542	30	40		567	590	567	544	488	415	378	330	230	2"	133	2390	6"
SR6B50	60162543	37	50		609	634	609	585	525	446	406	355	248	2"	137	2466	6"
SR6B52	60162544	37	50		627	652	627	602	540	459	418	365	255	2"	141	2542	6"
SR6B54	60162545	37	50		638	664	638	612	550	467	425	372	259	2"	146	2618	6"

TECHNICAL DATA - SR6C Direct Starting

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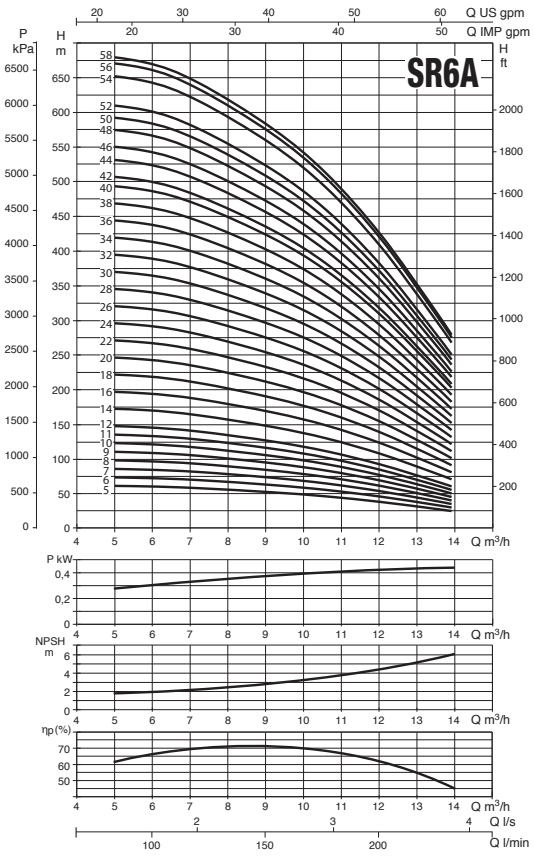
MODEL	HYDRAULIC PART CODE	MOTOR CODE	ELECTRICAL DATA			HYDRAULIC DATA										DNM GAS	WEIGHT KG	H mm	Operating by inverter	Horizontal instal.
			P2 NOMINAL		In 400 V (A)	Q=m³h	0	12	13	14	15	16	21	24	27					
			kW	HP		Q=l/min	0	200	217	233	250	300	350	400	450					
SR6C3 + 6GF 5,5 KW	60162546	0607500	4	5,5	10,6		38	38	37	36	35	31	26	20	12	2"	63,5	1152	●	●
SR6C4 + 6GF 5,5 KW	60162547	0607500	4	5,5	10,6		50	50	49	48	46	41	34	27	16	2"	65,5	1190	●	●
SR6C5 + 6GF 5,5 KW	60162548	0607500	5,5	7,5	14		63	63	62	60	58	51	43	33	20	2"	71,2	1259	●	●
SR6C6 + 6GF 5,5 KW	60162549	0607500	5,5	7,5	14		75	76	74	72	70	62	52	40	24	2"	73,2	1297	●	●
SR6C7 + 6GF 7,5 KW	60162550	0610000	5,5	10	18		88	88	86	84	81	72	60	47	28	2"	77,5	1364	●	●
SR6C8 + 6GF 7,5 KW	60162551	0610000	7,5	10	18		100	101	99	96	93	82	69	53	32	2"	80,5	1402	●	●
SR6C9 + 6GF 7,5 KW	60162552	0610000	7,5	10	18		113	113	111	108	105	93	78	60	36	2"	82,5	1440	●	●
SR6C10 + 6GF 9,2 KW	60162553	0612500	9,2	12,5	22		125	126	124	120	116	103	86	67	40	2"	88	1503	●	●
SR6C11 + 6GF 9,2 KW	60162554	0612500	9,2	12,5	22		138	139	136	132	128	113	95	73	44	2"	95	1541	●	●
SR6C12 + 6GF 11 KW	60162555	0615000	11	15	25,5		150	151	148	144	139	123	103	80	48	2"	101	1688	●	●
SR6C14 + 6GF 15 KW	60162556	0620000	15	20	33,4		175	177	173	168	163	144	121	94	56	2"	112	1819	●	●
SR6C16 + 6GF 15 KW	60162557	0620000	15	20	33,4		200	202	198	192	186	164	138	107	64	2"	116	1895	●	●
SR6C18 + 6GF 15 KW	60162558	0620000	15	20	33,4		225	227	222	216	209	185	155	120	72	2"	121	1971	●	●
SR6C20 + 6GF 18,5 KW	60162559	0625000	18,5	25	41		250	252	247	240	232	206	172	134	80	2"	132,5	2122	●	●
SR6C22 + 6GF 18,5 KW	60162560	0625000	18,5	25	41	H (mt)	275	277	272	264	256	226	190	147	88	2"	136,5	2198	●	●
SR6C24 + 6GF 22 KW	60162561	0630000	22	30	47		300	303	296	288	279	247	207	160	96	2"	147,5	2334	●	●
SR6C26 + 6GF 22 KW	60162562	0630000	22	30	47		325	328	321	312	302	267	224	174	104	2"	156,5	2474	●	●
SR6C28 + 6GF 30 KW	60162563	0640000	30	40	61,5		350	353	346	336	325	288	241	187	112	2"	174	2680	●	●
SR6C30 + 6GF 30 KW	60162564	0640000	30	40	61,5		375	378	371	360	349	308	259	200	120	2"	178	2756	●	●
SR6C32 + 6GF 30 KW	60162565	0640000	30	40	61,5		400	404	395	384	372	329	276	214	128	2"	182	2832	●	●
SR6C34 + 6GF 30 KW	60162566	0640000	30	40	61,5		425	429	420	408	395	350	293	227	136	2"	187	2908	●	●
SR6C36 + 6GF 30 KW	60162567	0640000	30	40	61,5		441	445	436	423	410	363	304	236	141	2"	191	2984	●	●
SR6C38 + 6GF 37 kW	60162568	0650000	37	50	79,5		470	474	465	451	437	387	324	251	150	2"	209	3190	●	●
SR6C40 + 6GF 37 kW	60162569	0650000	37	50	79,5		490	494	484	470	456	403	338	262	157	2"	213	3266	●	●
SR6C42 + 6GF 37 kW	60162570	0650000	37	50	79,5		509	514	503	489	473	419	351	272	163	2"	217	3342	●	●
SR6C44 + 6GF 37 kW	60162571	0650000	37	50	79,5		534	538	527	512	496	439	368	285	171	2"	222	3418	●	●
SR6C46 + 6GF 37 kW	60162572	0650000	37	50	79,5		552	557	545	530	513	454	381	295	177	2"	226	3494	●	●
SR6C48 + TR6 45 kW	60162573	60161601	45	60	93,1		582	587	575	559	541	479	401	311	186	2"	268	3790	●	o
SR6C50 + TR6 45 kW	60162574	60161601	45	60	93,1		606	612	599	582	564	499	418	324	194	2"	272	3866	●	o
SR6C52 + TR6 45 kW	60162575	60161601	45	60	93,1		631	636	623	605	586	519	435	337	202	2"	281	4018	●	o

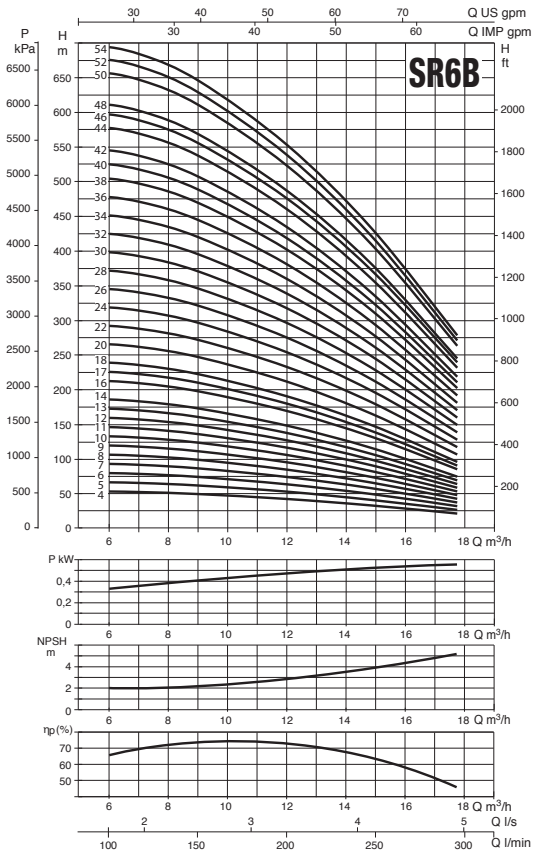
● allowed
o on demand

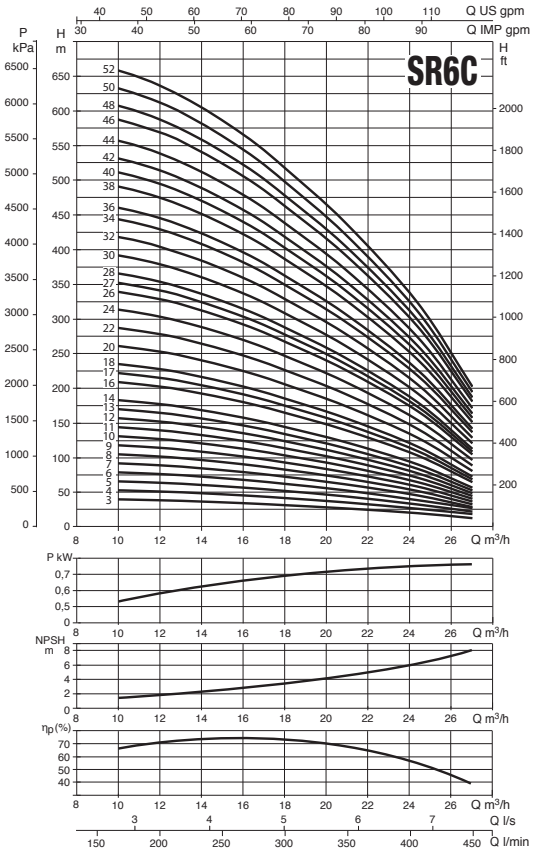
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TECHNICAL DATA - SR6C hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA										DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0	12	13	14	15	16	21	24	27				
		kW	HP	Q=l/min	0	200	217	233	250	300	350	400	450				
SR6C3	60162546	4	5,5		38	38	37	36	35	31	26	20	12	2"	24	552	6"
SR6C4	60162547	4	5,5		50	50	49	48	46	41	34	27	16	2"	26	590	6"
SR6C5	60162548	5,5	7,5		63	63	62	60	58	51	43	33	20	2"	28	628	6"
SR6C6	60162549	5,5	7,5		75	76	74	72	70	62	52	40	24	2"	30	666	6"
SR6C7	60162550	5,5	10		88	88	86	84	81	72	60	47	28	2"	32	704	6"
SR6C8	60162551	7,5	10		100	101	99	96	93	82	69	53	32	2"	35	742	6"
SR6C9	60162552	7,5	10		113	113	111	108	105	93	78	60	36	2"	37	780	6"
SR6C10	60162553	9,2	12,5		125	126	124	120	116	103	86	67	40	2"	39	818	6"
SR6C11	60162554	9,2	12,5		138	139	136	132	128	113	95	73	44	2"	46	856	6"
SR6C12	60162555	11	15		150	151	148	144	139	123	103	80	48	2"	48	958	6"
SR6C14	60162556	15	20		175	177	173	168	163	144	121	94	56	2"	53	1034	6"
SR6C16	60162557	15	20		200	202	198	192	186	164	138	107	64	2"	57	1110	6"
SR6C18	60162558	15	20		225	227	222	216	209	185	155	120	72	2"	62	1186	6"
SR6C20	60162559	18,5	25		250	252	247	240	232	206	172	134	80	2"	66	1262	6"
SR6C22	60162560	18,5	25	H (mt)	275	277	272	264	256	226	190	147	88	2"	70	1338	6"
SR6C24	60162561	22	30		300	303	296	288	279	247	207	160	96	2"	75	1414	6"
SR6C26	60162562	22	30		325	328	321	312	302	267	224	174	104	2"	84	1554	6"
SR6C28	60162563	30	40		350	353	346	336	325	288	241	187	112	2"	89	1630	6"
SR6C30	60162564	30	40		375	378	371	360	349	308	259	200	120	2"	93	1706	6"
SR6C32	60162565	30	40		400	404	395	384	372	329	276	214	128	2"	97	1782	6"
SR6C34	60162566	30	40		425	429	420	408	395	350	293	227	136	2"	102	1858	6"
SR6C36	60162567	30	40		441	445	436	423	410	363	304	236	141	2"	106	1934	6"
SR6C38	60162568	37	50		470	474	465	451	437	387	324	251	150	2"	111	2010	6"
SR6C40	60162569	37	50		490	494	484	470	456	403	338	262	157	2"	115	2086	6"
SR6C42	60162570	37	50		509	514	503	489	473	419	351	272	163	2"	119	2162	6"
SR6C44	60162571	37	50		534	538	527	512	496	439	368	285	171	2"	124	2238	6"
SR6C46	60162572	37	50		552	557	545	530	513	454	381	295	177	2"	128	2314	6"
SR6C48	60162573	45	60		582	587	575	559	541	479	401	311	186	2"	133	2390	6"
SR6C50	60162574	45	60		606	612	599	582	564	499	418	324	194	2"	137	2466	6"
SR6C52	60162575	45	60		631	636	623	605	586	519	435	337	202	2"	146	2618	6"

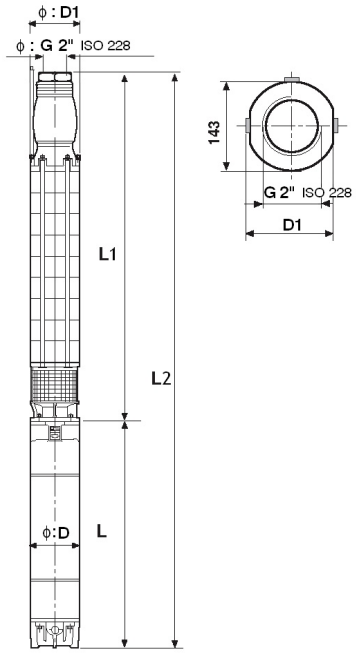






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DIMENSIONS AND WEIGHTS



DIMENSIONS AND WEIGHTS - SR6A

MODEL	L1 [mm]	L [mm]	L2 [mm]	D [mm]	D1 [mm]	Weight tot [kg]
SR6A5 + 6GF 4 KW	628	600	1228	141	146	67,4
SR6A6 + 6GF 4 KW	666	600	1266	141	146	69,4
SR6A7 + 6GF 4 KW	704	600	1304	141	146	71,4
SR6A8 + 6GF 4 KW	742	600	1342	141	146	74,4
SR6A9 + 6GF 5,5 KW	780	631	1411	141	146	79,6
SR6A10 + 6GF 5,5 KW	818	631	1449	141	146	81,6
SR6A12 + 6GF 5,5 KW	958	631	1589	141	146	90,6
SR6A14 + 6GF 7,5 KW	1034	660	1694	141	146	98,2
SR6A16 + 6GF 7,5 KW	1110	660	1770	141	146	102,2
SR6A18 + 6GF 9,2 KW	1186	685	1871	141	146	110,6
SR6A20 + 6GF 9,2 KW	1262	685	1947	141	146	114,6
SR6A22 + 6GF 11 KW	1338	730	2068	141	146	123
SR6A24 + 6GF 11 KW	1414	730	2144	141	146	128
SR6A26 + 6GF 15 KW	1554	785	2339	141	146	143
SR6A28 + 6GF 15 KW	1630	785	2415	141	146	148
SR6A30 + 6GF 15 KW	1706	785	2491	141	146	152
SR6A32 + 6GF 15 KW	1782	785	2567	141	146	156
SR6A34 + 6GF 18,5 KW	1858	860	2718	141	146	169
SR6A36 + 6GF 18,5 KW	1934	860	2794	141	146	173
SR6A38 + 6GF 18,5 KW	2010	860	2870	141	146	178
SR6A40 + 6GF 18,5 KW	2086	860	2946	141	146	182
SR6A42 + 6GF 22 KW	2162	920	3082	141	146	189,6
SR6A44 + 6GF 30 KW	2238	1050	3288	141	146	210,8
SR6A46 + 6GF 30 KW	2314	1050	3364	141	146	214,8
SR6A48 + 6GF 30 KW	2390	1050	3440	141	146	219,8
SR6A50 + 6GF 30 KW	2466	1050	3516	141	146	223,8
SR6A52 + 6GF 30 KW	2542	1050	3592	141	146	227,8
SR6A54 + 6GF 30 KW	2618	1050	3668	141	146	232,8
SR6A56 + 6GF 30 KW	2694	1050	3744	141	146	236,8
SR6A58 + 6GF 30 KW	2770	1050	3820	141	146	241,8

DIMENSIONS AND WEIGHTS - SR6B

MODEL	L1 [mm]	L [mm]	L2 [mm]	D [mm]	D1 [mm]	Weight tot [kg]
SR6B4 + 6GF 4 KW	590	600	1190	141	146	65,4
SR6B5 + 6GF 4 KW	628	600	1228	141	146	67,4
SR6B6 + 6GF 4 KW	666	600	1266	141	146	69,4
SR6B7 + 6GF 5,5 KW	704	600	1304	141	146	71,4
SR6B8 + 6GF 5,5 KW	742	631	1373	141	146	77,6
SR6B9 + 6GF 5,5 KW	780	631	1411	141	146	79,6
SR6B10 + 6GF 7,5 KW	818	660	1478	141	146	84,2
SR6B11 + 6GF 7,5 KW	856	660	1516	141	146	91,2
SR6B12 + 6GF 7,5 KW	958	660	1618	141	146	93,2
SR6B14 + 6GF 9,2 KW	1034	685	1719	141	146	101,6
SR6B16 + 6GF 11 KW	1110	685	1795	141	146	105,6
SR6B18 + 6GF 11 KW	1186	730	1916	141	146	115
SR6B20 + 6GF 15 KW	1262	785	2047	141	146	125
SR6B22 + 6GF 15 KW	1338	785	2123	141	146	129
SR6B24 + 6GF 15 KW	1414	785	2199	141	146	134
SR6B26 + 6GF 18,5 KW	1554	860	2414	141	146	151
SR6B28 + 6GF 18,5 KW	1630	860	2490	141	146	156
SR6B30 + 6GF 18,5 KW	1706	860	2566	141	146	160
SR6B32 + 6GF 22 KW	1782	920	2702	141	146	167,6
SR6B34 + 6GF 22 KW	1858	920	2778	141	146	172,6
SR6B36 + 6GF 22 KW	1934	920	2854	141	146	176,6
SR6B38 + 6GF 30 KW	2010	1050	3060	141	146	197,8
SR6B40 + 6GF 30 KW	2086	1050	3136	141	146	201,8
SR6B42 + 6GF 30 KW	2162	1050	3212	141	146	205,8
SR6B44 + 6GF 30 KW	2238	1050	3288	141	146	210,8
SR6B46 + 6GF 30 KW	2314	1050	3364	141	146	214,8
SR6B48 + 6GF 30 kW	2390	1050	3440	141	146	219,8
SR6B50 + 6GF 37 kW	2466	1180	3646	141	146	235,8
SR6B52 + 6GF 37 kW	2542	1180	3722	141	146	239,8
SR6B54 + 6GF 37 kW	2618	1180	3798	141	146	244,8

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DIMENSIONS AND WEIGHTS - SR6C

MODEL	L1 [mm]	L [mm]	L2 [mm]	D [mm]	D1 [mm]	Weight tot [kg]
SR6C3 + 6GF 5,5 KW	552	600	1152	141	146	63,4
SR6C4 + 6GF 5,5 KW	590	600	1190	141	146	65,4
SR6C5 + 6GF 5,5 KW	628	631	1259	141	146	70,6
SR6C6 + 6GF 5,5 KW	666	631	1297	141	146	72,6
SR6C7 + 6GF 7,5 KW	704	660	1364	141	146	77,2
SR6C8 + 6GF 7,5 KW	742	660	1402	141	146	80,2
SR6C9 + 6GF 7,5 KW	780	660	1440	141	146	82,2
SR6C10 + 6GF 9,2 KW	818	685	1503	141	146	87,6
SR6C11 + 6GF 9,2 KW	856	685	1541	141	146	94,6
SR6C12 + 6GF 11 KW	958	730	1688	141	146	101
SR6C14 + 6GF 15 KW	1034	785	1819	141	146	112
SR6C16 + 6GF 15 KW	1110	785	1895	141	146	116
SR6C18 + 6GF 15 KW	1186	785	1971	141	146	121
SR6C20 + 6GF 18,5 KW	1262	860	2122	141	146	133
SR6C22 + 6GF 18,5 KW	1338	860	2198	141	146	137
SR6C24 + 6GF 22 KW	1414	920	2334	141	146	145,6
SR6C26 + 6GF 22 KW	1554	920	2474	141	146	154,6
SR6C28 + 6GF 30 KW	1630	1050	2680	141	146	175,8
SR6C30 + 6GF 30 KW	1706	1050	2756	141	146	179,8
SR6C32 + 6GF 30 KW	1782	1050	2832	141	146	183,8
SR6C34 + 6GF 30 KW	1858	1050	2908	141	146	188,8
SR6C36 + 6GF 30 KW	1934	1050	2984	141	146	192,8
SR6C38 + 6GF 37 kW	2010	1180	3190	141	146	209,8
SR6C40 + 6GF 37 kW	2086	1180	3266	141	146	213,8
SR6C42 + 6GF 37 kW	2162	1180	3342	141	146	217,8
SR6C44 + 6GF 37 kW	2238	1180	3418	141	146	222,8
SR6C46 + 6GF 37 kW	2314	1180	3494	141	146	226,8
SR6C48 + TR6 45 kW	2390	1457	3847	144	146	268
SR6C50 + TR6 45 kW	2466	1457	3923	144	146	272
SR6C52 + TR6 45 kW	2542	1457	3999	144	146	276



CE

Applications
Multistage mixed-flow bore-hole electric pumps for wells witha diameter of 6" or greater capable of developing a wide range of flows and heads.
These pumps can be used in a wide range of lifting, distributing and pressuring applications in civili and industrial supplies, autoclaves and tanks, fire-fighting and washing installations and irrigation systems.
Pumped liquid: Clean water without solid or abrasive particles.
Max. quantity of sand: 50g/m^3
Maximum water temperature: refers to the maximum temperature that the motor can tolerate.
Construction features of pump
Mixed-flow pumps with external in cast-iron, impellers in cast-iron or bronze.
The impellers are dynamically balanced and splined to the shaft with key drive.
The shaft is driven by coaxial bearing bushes and fully protected by sleeves to ease disassembling.

The pumps are provided with a built-in non returne valve, threaded, and low friction losses.
Delivery outlet flanged and threaded.
Coupling with 6" or 8" motor depending on the power requested by hydraulic part
6GF: 6" canned submersible motor
TR6: 6" rewindable submersible motors.
TR8: 8" rewindable submersible motors
For inverter application refer to the motor specification.
On request:
- Pump body: Stainless steel microcasted AISI 316 for aggressive water application
- Impellers: Stainless steel microcasted AISI 316 or bronze.
- Version without Non-returne valve for horizontal application.
- Non-standard pump/motor coupling.

ACCESSORIES
PAG. 603

TECHNICAL DATA - SM6E Direct Starting

6GF MOTOR DETAIL pag. 593 / TR6 pag. 595

MODEL	HYDRAULIC PART CODE	MOTOR CODE	ELECTRICAL DATA			HYDRAULIC DATA									DNM GAS	WEIGHT KG	H mm	Operating by inverter	Horizontal instal.
			P2 NOMINAL		In 400 V (A)	Q=m^{3}h	0	20	25	30	35	40	45	50	55					
			kW	HP		Q=l/min	0	333	417	500	583	667	750	883	917					
SM6E2 + 6GF 4 KW	60149041	0605500	4	5,5	10,6		29	24	23	21	19	17	14	10	6	3"	69,4	1232	●	●
SM6E3 + 6GF 5,5 KW	60149042	0607500	5,5	7,5	14		44	37	35	32	29	26	21	16	9	3"	78,6	1368	●	●
SM6E4 + 6GF 5,5 KW	60149043	0607500	5,5	7,5	14		60	49	47	44	39	34	28	22	12	3"	84,6	1473	●	●
SM6E5 + 6GF 7,5 KW	60149044	0610000	7,5	10	18		75	62	59	55	50	44	36	27	15	3"	93,2	1607	●	●
SM6E6 + 6GF 9,2 KW	60149045	0612500	9,2	12,5	22		91	76	72	67	60	53	44	33	18	3"	102,6	1737	●	●
SM6E7 + 6GF 11 KW	60149046	0615000	11	15	25,5		106	88	84	78	70	62	51	39	21	3"	113	1887	●	●
SM6E8 + 6GF 11 KW	60149047	0615000	11	15	25,5		122	101	96	89	80	70	58	44	24	3"	119	1992	●	●
SM6E9 + 6GF 15 KW	60149048	0620000	15	20	33,4		137	113	108	100	90	79	65	50	27	3"	131	2152	●	●
SM6E10 + 6GF 15 KW	60149049	0620000	15	20	33,4		152	126	120	111	100	88	73	55	30	3"	137	2257	●	●
SM6E11 + 6GF 15 KW	60149050	0620000	15	20	33,4		167	139	132	122	110	97	80	61	33	3"	143	2362	●	●
SM6E12 + 6GF 18,5 KW	60149051	0625000	18,5	25	41		182	151	144	133	120	106	87	66	36	3"	157	2542	●	●
SM6E13 + 6GF 18,5 KW	60149052	0625000	18,5	25	41		198	164	156	144	130	114	94	72	39	3"	163	2647	●	●
SM6E14 + 6GF 22 KW	60149053	0630000	22	30	47	H (mt)	213	176	168	155	140	123	102	77	42	3"	172,6	2812	●	●
SM6E15 + 6GF 22 KW	60149054	0630000	22	30	47		228	189	180	167	150	132	109	83	51	3"	178,6	2917	●	●
SM6E16 + 6GF 22 KW	60149055	0630000	22	30	47		243	202	192	178	160	141	116	88	45	3"	184,6	3022	●	●
SM6E17 + 6GF 30 KW	60149056	0640000	30	40	61,5		258	214	204	189	170	150	123	94	51	3"	206,8	3257	●	●
SM6E18 + 6GF 30 KW	60149057	0640000	30	40	61,5		274	227	216	200	180	158	131	99	54	3"	212,8	3362	●	●
SM6E19 + 6GF 30 KW	60149058	0640000	30	40	61,5		289	239	228	211	190	167	138	105	57	3"	218,8	3467	●	●
SM6E20 + 6GF 30 KW	60149059	0640000	30	40	61,5		304	252	240	222	200	176	145	110	60	3"	224,8	3572	●	●
SM6E21 + 6GF 30 KW	60149060	0640000	30	40	61,5		319	265	252	233	210	185	152	116	63	3"	230,8	3677	●	●
SM6E22 + 6GF 30 KW	60149061	0640000	30	40	61,5		334	277	264	244	220	194	160	121	66	3"	236,8	3782	●	●
SM6E23 + 6GF 37 KW	60149062	0650000	37	50	79,5		350	290	276	255	230	202	167	127	69	3"	254,8	4017	●	●
SM6E24 + 6GF 37 KW	60149063	0650000	37	50	79,5		365	302	288	266	240	211	174	132	72	3"	260,8	4122	●	●
SM6E25 + 6GF 37 KW	60149064	0650000	37	50	79,5		380	315	300	278	250	220	181	138	75	3"	266,8	4227	●	●
SM6E26 + 6GF 37 KW	60149065	0650000	37	50	79,5		395	328	312	289	260	229	189	143	78	3"	272,8	4332	●	●

● allowed
o on demand

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TECHNICAL DATA - SM6E hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA										DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0	20	25	30	35	40	45	50	55				
		kW	HP	Q=l/min	0	333	417	500	583	667	750	883	917				
SM6E2	60149041	3,7	5		29	24	23	21	19	17	14	10	6	3"	30	632	6"
SM6E3	60149042	5,5	7,5		44	37	35	32	29	26	21	16	9	3"	36	737	6"
SM6E4	60149043	5,5	7,5		60	49	47	44	39	34	28	22	12	3"	42	842	6"
SM6E5	60149044	7,5	10		75	62	59	55	50	44	36	27	15	3"	48	947	6"
SM6E6	60149045	9,2	12,5		91	76	72	67	60	53	44	33	18	3"	54	1052	6"
SM6E7	60149046	11	15		106	88	84	78	70	62	51	39	21	3"	60	1157	6"
SM6E8	60149047	11	15		122	101	96	89	80	70	58	44	24	3"	66	1262	6"
SM6E9	60149048	13	17,5		137	113	108	100	90	79	65	50	27	3"	72	1367	6"
SM6E10	60149049	15	20		152	126	120	111	100	88	73	55	30	3"	78	1472	6"
SM6E11	60149050	15	20		167	139	132	122	110	97	80	61	33	3"	84	1577	6"
SM6E12	60149051	18,5	25		182	151	144	133	120	106	87	66	36	3"	90	1682	6"
SM6E13	60149052	18,5	25		198	164	156	144	130	114	94	72	39	3"	96	1787	6"
SM6E14	60149053	22	30	H (mt)	213	176	168	155	140	123	102	77	42	3"	102	1892	6"
SM6E15	60149054	22	30		228	189	180	167	150	132	109	83	51	3"	108	1997	6"
SM6E16	60149055	22	30		243	202	192	178	160	141	116	88	45	3"	114	2102	6"
SM6E17	60149056	26	35		258	214	204	189	170	150	123	94	51	3"	120	2207	6"
SM6E18	60149057	26	35		274	227	216	200	180	158	131	99	54	3"	126	2312	6"
SM6E19	60149058	26	35		289	239	228	211	190	167	138	105	57	3"	132	2417	6"
SM6E20	60149059	30	40		304	252	240	222	200	176	145	110	60	3"	138	2522	6"
SM6E21	60149060	30	40		319	265	252	233	210	185	152	116	63	3"	144	2627	6"
SM6E22	60149061	30	40		334	277	264	244	220	194	160	121	66	3"	150	2732	6"
SM6E23	60149062	37	50		350	290	276	255	230	202	167	127	69	3"	156	2837	6"
SM6E24	60149063	37	50		365	302	288	266	240	211	174	132	72	3"	162	2942	6"
SM6E25	60149064	37	50		380	315	300	278	250	220	181	138	75	3"	168	3047	6"
SM6E26	60149065	37	50		395	328	312	289	260	229	189	143	78	3"	174	3152	6"

TECHNICAL DATA - SM6G Direct Starting

6GF MOTOR DETAIL pag. 593 / TR6 pag. 595

MODEL	HYDRAULIC PART CODE	MOTOR CODE	ELECTRICAL DATA			HYDRAULIC DATA											DNM GAS	WEIGHT KG	H mm	Operating by inverter	Horizontal instal.
			P2 NOMINAL		In 400 V (A)	Q=m³h	0	30	35	40	45	50	55	60	65	70					
			kW	HP		Q=l/min	0	500	583	667	750	833	917	1000	1083	1167					
SM6G2 + 6GF 4 KW	60149066	0605500	4	5,0	10,6		32	24	22	21	19	18	16	13	10	6	3"	69,4	1232	●	●
SM6G3 + 6GF 5,5 KW	60149067	0607500	5,5	7,5	14		49	36	34	32	30	27	24	19	15	10	3"	78,6	1368	●	●
SM6G4 + 6GF 7,5 KW	60149068	0610000	7,5	10,0	18		66	49	46	43	40	36	32	26	20	13	3"	87,2	1502	●	●
SM6G5 + 6GF 9,2 KW	60149069	0612500	9,2	12,5	22		83	62	58	54	51	46	41	33	25	17	3"	96,6	1632	●	●
SM6G6 + 6GF 11 KW	60149070	0615000	11,0	15,0	25,5		101	75	70	66	61	56	49	40	31	20	3"	107	1782	●	●
SM6G7 + 6GF 15 KW	60149073	0620000	15,0	20,0	33,4		118	88	82	77	71	65	57	47	36	24	3"	119	1942	●	●
SM6G8 + 6GF 15 KW	60149074	0620000	15,0	20,0	33,4		134	100	94	88	82	74	66	54	41	27	3"	125	2047	●	●
SM6G9 + 6GF 15 KW	60149075	0620000	15,0	20,0	33,4		151	113	105	99	92	84	74	60	46	31	3"	131	2152	●	●
SM6G10 + 6GF 18,5 KW	60149076	0625000	18,5	25,0	41		168	125	117	110	102	93	82	67	51	34	3"	145	2332	●	●
SM6G11 + 6GF 18,5 KW	60149077	0625000	18,5	25,0	41		185	138	129	121	112	102	90	74	56	37	3"	151	2437	●	●
SM6G12 + 6GF 22 KW	60149078	0630000	22,0	30,0	47	H	202	150	140	132	123	111	98	80	61	41	3"	160,6	2602	●	●
SM6G13 + 6GF 22 KW	60149079	0630000	22,0	30,0	47	(mt)	218	163	152	143	133	121	107	87	66	44	3"	166,6	2707	●	●
SM6G14 + 6GF 30 KW	60149080	0640000	30,0	40,0	61,5		235	175	164	154	143	130	115	94	71	48	3"	188,8	2942	●	●
SM6G15 + 6GF 30 KW	60149081	0640000	30,0	40,0	61,5		252	188	176	165	153	139	123	101	77	51	3"	194,8	3047	●	●
SM6G16 + 6GF 30 KW	60149082	0640000	30,0	40,0	61,5		269	200	187	176	163	148	131	107	82	54	3"	200,8	3152	●	●
SM6G17 + 6GF 30 KW	60149083	0640000	30,0	40,0	61,5		286	213	199	187	174	158	139	114	87	58	3"	206,8	3257	●	●
SM6G18 + 6GF 30 KW	60149084	0640000	30,0	40,0	61,5		302	225	211	198	184	167	148	121	92	61	3"	212,8	3362	●	●
SM6G19 + 6GF 37 KW	60149085	0650000	37,0	50,0	79,5		319	238	222	209	194	176	156	127	97	65	3"	230,8	3597	●	●
SM6G20 + 6GF 37 KW	60149086	0650000	37,0	50,0	79,5		336	250	234	220	204	186	164	134	102	68	3"	236,8	3702	●	●
SM6G21 + 6GF 37 KW	60149087	0650000	37,0	50,0	79,5		353	263	246	231	214	195	172	141	107	71	3"	242,8	3807	●	●
SM6G22 + TR8 45 KW	60149088	60144582	45,0	60,0	92		370	275	257	242	225	204	180	147	112	75	3"	329	4030	o	●
SM6G23 + TR8 45 KW	60149089	60144582	45,0	60,0	92		386	288	269	253	235	213	189	154	117	78	3"	335	4135	o	●

● allowed
o on demand

TECHNICAL DATA - SM6G hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA											DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0	30	35	40	45	50	55	60	65	70				
		kW	HP	Q=l/min	0	500	583	667	750	833	917	1000	1083	1167				
SM6G2	60149066	3,7	5,0		32	24	22	21	19	18	16	13	10	6	3"	30	632	6"
SM6G3	60149067	5,5	7,5		49	36	34	32	30	27	24	19	15	10	3"	36	737	6"
SM6G4	60149068	7,5	10,0		66	49	46	43	40	36	32	26	20	13	3"	42	842	6"
SM6G5	60149069	9,2	12,5		83	62	58	54	51	46	41	33	25	17	3"	48	947	6"
SM6G6	60149070	11,0	15,0		101	75	70	66	61	56	49	40	31	20	3"	54	1052	6"
SM6G7	60149073	13,0	17,5		118	88	82	77	71	65	57	47	36	24	3"	60	1157	6"
SM6G8	60149074	15,0	20,0		134	100	94	88	82	74	66	54	41	27	3"	66	1262	6"
SM6G9	60149075	15,0	20,0		151	113	105	99	92	84	74	60	46	31	3"	72	1367	6"
SM6G10	60149076	18,5	25,0		168	125	117	110	102	93	82	67	51	34	3"	78	1472	6"
SM6G11	60149077	18,5	25,0		185	138	129	121	112	102	90	74	56	37	3"	84	1577	6"
SM6G12	60149078	22,0	30,0	H	202	150	140	132	123	111	98	80	61	41	3"	90	1682	6"
SM6G13	60149079	22,0	30,0	(mt)	218	163	152	143	133	121	107	87	66	44	3"	96	1787	6"
SM6G14	60149080	26,0	35,0		235	175	164	154	143	130	115	94	71	48	3"	102	1892	6"
SM6G15	60149081	26,0	35,0		252	188	176	165	153	139	123	101	77	51	3"	108	1997	6"
SM6G16	60149082	30,0	40,0		269	200	187	176	163	148	131	107	82	54	3"	114	2102	6"
SM6G17	60149083	30,0	40,0		286	213	199	187	174	158	139	114	87	58	3"	120	2207	6"
SM6G18	60149084	30,0	40,0		302	225	211	198	184	167	148	121	92	61	3"	126	2312	6"
SM6G19	60149085	37,0	50,0		319	238	222	209	194	176	156	127	97	65	3"	132	2417	6"
SM6G20	60149086	37,0	50,0		336	250	234	220	204	186	164	134	102	68	3"	138	2522	6"
SM6G21	60149087	37,0	50,0		353	263	246	231	214	195	172	141	107	71	3"	144	2627	6"
SM6G22	60149088	45,0	60,0		370	275	257	242	225	204	180	147	112	75	3"	152	2760	8"
SM6G23	60149089	45,0	60,0		386	288	269	253	235	213	189	154	117	78	3"	158	2865	8"

DAB PUMPS reserves the right to make modifications without notice

TECHNICAL DATA - SM6H Direct Starting

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MODEL	HYDRAULIC PART CODE	MOTOR CODE	ELECTRICAL DATA			HYDRAULIC DATA										DNM GAS	WEIGHT KG	H mm	Operating by inverter	Horizontal instal.
			P2 NOMINAL		In 400 V (A)	Q=m³h	0	35	40	45	50	55	60	65	70	75					
			kW	HP		Q=l/min	0	583	667	750	833	917	1000	1083	1167	1250					
SM6H2 + 6GF 5,5 KW	60149090	0607500	5,5	7,5	14		30	24	23	22	20	19	17	15	13	10	3"	72,6	1263	●	●
SM6H3 + 6GF 7,5 KW	60149091	0610000	7,5	10	18		47	37	36	33	31	29	26	23	19	15	3"	81,2	1397	●	●
SM6H4 + 6GF 9,2 KW	60149092	0612500	9,2	12,5	22		63	50	48	45	42	38	35	31	26	21	3"	90,6	1527	●	●
SM6H5 + 6GF 11 KW	60149093	0615000	11,0	15	25,5		79	63	60	57	53	49	44	39	33	26	3"	101	1677	●	●
SM6H6 + 6GF 15 KW	60149094	0620000	15,0	20	33,4		96	76	73	69	64	59	53	47	40	32	3"	113	1837	●	●
SM6H7 + 6GF 15 KW	60149095	0620000	15,0	20	33,4		112	89	85	81	75	69	62	55	46	37	3"	119	1942	●	●
SM6H8 + 6GF 18,5 KW	60149096	0625000	18,5	25	41		128	102	98	92	86	78	71	62	53	42	3"	133	2122	●	●
SM6H9 + 6GF 18,5 KW	60149097	0625000	18,5	25	41		144	114	110	104	96	88	80	70	59	48	3"	139	2227	●	●
SM6H10 + 6GF 22 KW	60149098	0630000	22,0	30	47		160	127	122	115	107	98	89	78	66	53	3"	148,6	2392	●	●
SM6H11 + 6GF 22 KW	60149099	0630000	22,0	30	47		176	140	134	127	118	108	98	86	73	58	3"	154,6	2497	●	●
SM6H12 + 6GF 30 KW	60149100	0640000	30,0	40	61,5		192	152	146	138	128	118	107	94	79	64	3"	176,8	2732	●	●
SM6H13 + 6GF 30 KW	60149101	0640000	30,0	40	61,5	H (mt)	208	165	159	150	139	127	116	101	86	69	3"	182,8	2837	●	●
SM6H14 + 6GF 30 KW	60149102	0640000	30,0	40	61,5		224	178	171	161	150	137	125	109	92	74	3"	188,8	2942	●	●
SM6H15 + 6GF 37 KW	60149103	0650000	37,0	50	79,5		240	191	183	173	161	147	134	117	99	80	3"	206,8	3177	●	●
SM6H16 + 6GF 37 KW	60149104	0650000	37,0	50	79,5		256	203	195	184	171	157	142	125	106	85	3"	212,8	3282	●	●
SM6H17 + 6GF 37 KW	60149105	0650000	37,0	50	79,5		272	216	207	196	182	167	151	133	112	90	3"	218,8	3387	●	●
SM6H18 + TR8 45 KW	60149106	60144582	45,0	60	92		288	229	220	207	193	176	160	140	119	95	3"	309	3582	O	●
SM6H19 + TR8 45 KW	60149107	60144582	45,0	60	92		304	241	232	219	203	186	169	148	125	101	3"	311	3715	O	●
SM6H20 + TR8 45 KW	60149108	60144582	45,0	60	92		320	254	244	230	214	196	178	156	132	106	3"	317	3820	O	●
SM6H21 + TR8 55 KW	60149109	60144583	55,0	75	109		336	267	256	242	225	206	187	164	139	111	3"	338	4005	O	●
SM6H22 + TR8 55 KW	60149110	60144583	55,0	75	109		352	279	268	253	235	216	196	172	145	117	3"	344	4110	O	●
SM6H23 + TR8 55 KW	60149111	60144583	55,0	75	109		368	292	281	265	246	225	205	179	152	122	3"	350	4215	O	●
SM6H24 + TR8 55 KW	60149112	60144583	55,0	75	109		384	305	293	276	257	235	214	187	158	127	3"	356	4320	O	●

● allowed
o on demand

TECHNICAL DATA - SM6H hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA											DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0	35	40	45	50	55	60	65	70	75				
		kW	HP	Q=l/min	0	583	667	750	833	917	1000	1083	1167	1250				
SM6H2	60149090	5,5	7,5		30	24	23	22	20	19	17	15	13	10	3"	30	632	6"
SM6H3	60149091	7,5	10		47	37	36	33	31	29	26	23	19	15	3"	36	737	6"
SM6H4	60149092	9,2	12,5		63	50	48	45	42	38	35	31	26	21	3"	42	842	6"
SM6H5	60149093	11,0	15		79	63	60	57	53	49	44	39	33	26	3"	48	947	6"
SM6H6	60149094	13,0	17,5		96	76	73	69	64	59	53	47	40	32	3"	54	1052	6"
SM6H7	60149095	15,0	20		112	89	85	81	75	69	62	55	46	37	3"	60	1157	6"
SM6H8	60149096	18,5	25		128	102	98	92	86	78	71	62	53	42	3"	66	1262	6"
SM6H9	60149097	18,5	25		144	114	110	104	96	88	80	70	59	48	3"	72	1367	6"
SM6H10	60149098	22,0	30		160	127	122	115	107	98	89	78	66	53	3"	78	1472	6"
SM6H11	60149099	22,0	30		176	140	134	127	118	108	98	86	73	58	3"	84	1577	6"
SM6H12	60149100	26,0	35		192	152	146	138	128	118	107	94	79	64	3"	90	1682	6"
SM6H13	60149101	30,0	40	H (mt)	208	165	159	150	139	127	116	101	86	69	3"	96	1787	6"
SM6H14	60149102	30,0	40		224	178	171	161	150	137	125	109	92	74	3"	102	1892	6"
SM6H15	60149103	37,0	50		240	191	183	173	161	147	134	117	99	80	3"	108	1997	6"
SM6H16	60149104	37,0	50		256	203	195	184	171	157	142	125	106	85	3"	114	2102	6"
SM6H17	60149105	37,0	50		272	216	207	196	182	167	151	133	112	90	3"	120	2207	6"
SM6H18	60149106	45,0	60		288	229	220	207	193	176	160	140	119	95	3"	126	2312	8"
SM6H19	60149107	45,0	60		304	241	232	219	203	186	169	148	125	101	3"	134	2445	8"
SM6H20	60149108	45,0	60		320	254	244	230	214	196	178	156	132	106	3"	140	2550	8"
SM6H21	60149109	55,0	75		336	267	256	242	225	206	187	164	139	111	3"	146	2655	8"
SM6H22	60149110	55,0	75		352	279	268	253	235	216	196	172	145	117	3"	152	2760	8"
SM6H23	60149111	55,0	75		368	292	281	265	246	225	205	179	152	122	3"	158	2865	8"
SM6H24	60149112	55,0	75		384	305	293	276	257	235	214	187	158	127	3"	164	2970	8"

TECHNICAL DATA - SM6L Direct Starting

6GF MOTORS DETAIL pag. 593 / TR6 pag. 595 / TR8 pag. 597

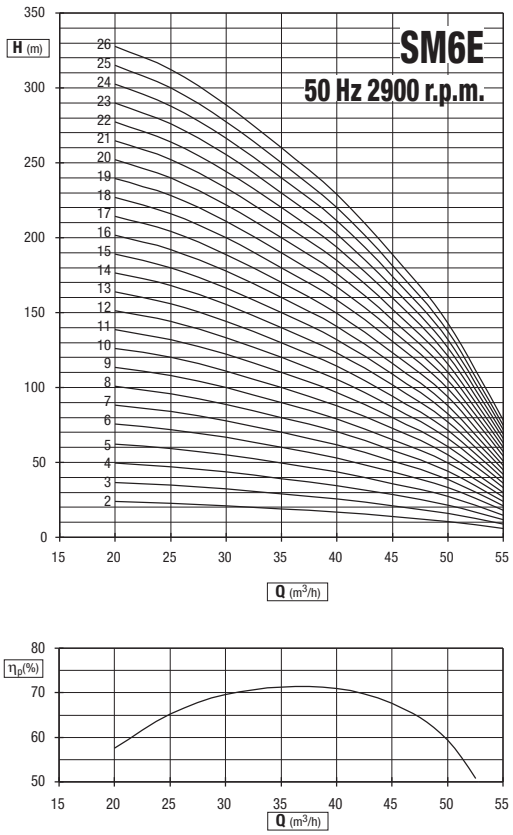
MODEL	HYDRAULIC PART CODE	MOTOR CODE	ELECTRICAL DATA			HYDRAULIC DATA										DNM GAS	WEIGHT KG	H mm	Operating by inverter	Horizontal instal.
			P2 NOMINAL		In 400 V (A)	Q=m³h	0	40	50	55	60	65	70	75	80	85					
			kW	HP		Q=l/min	0	667	833	917	1000	1083	1167	1250	1333	1417					
SM6L2 + 6GF 5,5 KW	60149113	0607500	5,5	7,5	14		31	25	23	22	20	19	17	15	12	10	3"	72,6	1263	●	●
SM6L3 + 6GF 9,2 KW	60149114	0612500	9,2	12,5	22		48	38	35	33	31	29	26	23	19	15	3"	84,6	1422	●	●
SM6L4 + 6GF 11 KW	60149115	0615000	11,0	15	25,5		64	51	47	45	42	39	35	31	26	20	3"	95	1572	●	●
SM6L5 + 6GF 15 KW	60149116	0620000	15,0	20	33,4		81	64	59	56	53	49	44	39	32	25	3"	107	1732	●	●
SM6L6 + 6GF 18,5 KW	60149117	0625000	18,5	25	41		98	78	72	68	64	59	54	47	39	30	3"	121	1912	●	●
SM6L7 + 6GF 18,5 KW	60149118	0625000	18,5	25	41		115	91	84	80	74	69	63	55	46	35	3"	127	2017	●	●
SM6L8 + 6GF 22 KW	60149119	0630000	22,0	30	47		131	104	96	91	85	79	72	63	52	40	3"	136,6	2182	●	●
SM6L9 + 6GF 30 KW	60149120	0640000	30,0	40	61,5		148	117	108	102	96	89	81	71	59	46	3"	158,8	2417	●	●
SM6L10 + 6GF 30 KW	60149121	0640000	30,0	40	61,5		164	130	120	114	106	99	90	79	66	51	3"	164,8	2522	●	●
SM6L11 + 6GF 30 KW	60149122	0640000	30,0	40	61,5		180	143	132	125	117	109	99	87	72	56	3"	170,8	2627	●	●
SM6L12 + 6GF 37 KW	60149123	0650000	37,0	50	79,5		197	156	144	136	128	118	108	94	79	61	3"	188,8	2862	●	●
SM6L13 + 6GF 37 KW	60149124	0650000	37,0	50	79,5	H (mt)	213	169	156	148	138	128	117	102	85	66	3"	194,8	2967	●	●
SM6L14 + 6GF 37 KW	60149125	0650000	37,0	50	79,5		230	182	168	159	149	138	126	110	92	71	3"	200,8	3072	●	●
SM6L15 + TR8 45 KW	60149126	60144582	45,0	60	92		246	195	180	171	159	148	135	118	98	76	3"	285	3267	o	●
SM6L16 + TR8 45 KW	60149127	60144582	45,0	60	92		262	208	192	182	170	158	144	126	105	81	3"	291	3372	o	●
SM6L17 + TR8 45 KW	60149128	60144582	45,0	60	92		279	221	203	193	181	168	152	134	112	86	3"	297	3477	o	●
SM6L18 + TR8 55 KW	60149129	60144583	55,0	75	109		295	234	215	205	191	178	161	142	118	91	3"	324	3662	o	●
SM6L19 + TR8 55 KW	60149130	60144583	55,0	75	109		312	247	227	216	202	188	170	150	125	96	3"	326	3795	o	●
SM6L20 + TR8 55 KW	60149131	60144583	55,0	75	109		328	260	239	227	213	197	179	157	131	101	3"	332	3900	o	●
SM6L21 + TR8 55 KW	60149132	60144583	55,0	75	109		344	273	251	239	223	207	188	165	138	106	3"	338	4005	o	●
SM6L22 + TR8 63 KW	60149133	60144584	63,0	85	126		361	286	263	250	234	217	197	173	144	111	3"	370	4250	o	●
SM6L23 + TR8 63 KW	60149134	60144584	63,0	85	126		377	299	275	262	244	227	206	181	151	116	3"	376	4355	o	●
SM6L24 + TR8 63 KW	60149135	60144584	63,0	85	126		394	312	287	273	255	237	215	189	157	121	3"	382	4460	o	●

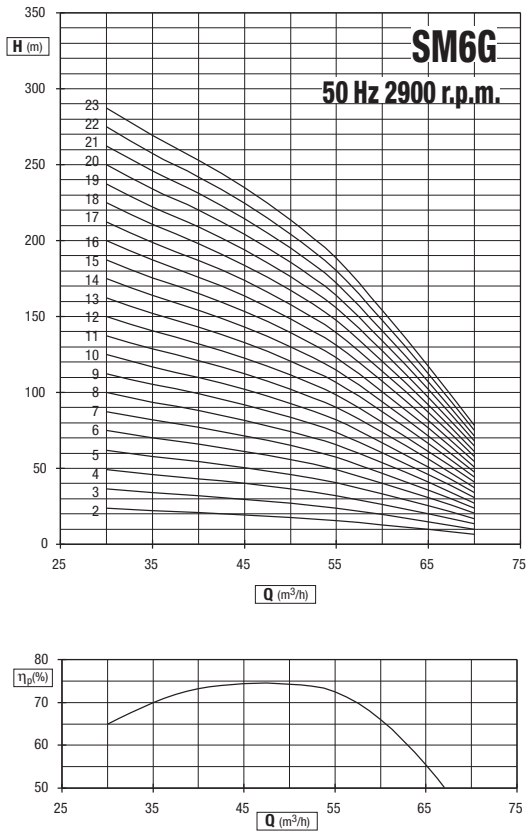
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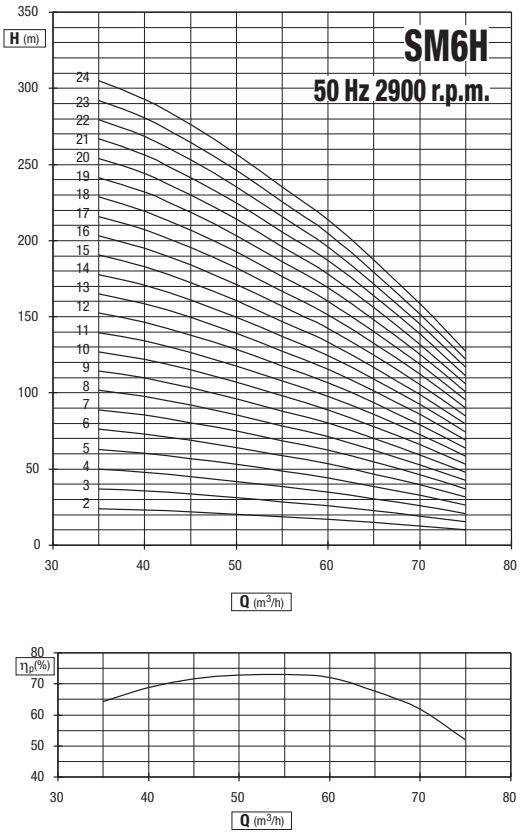
TECHNICAL DATA - SM6L hydraulic part

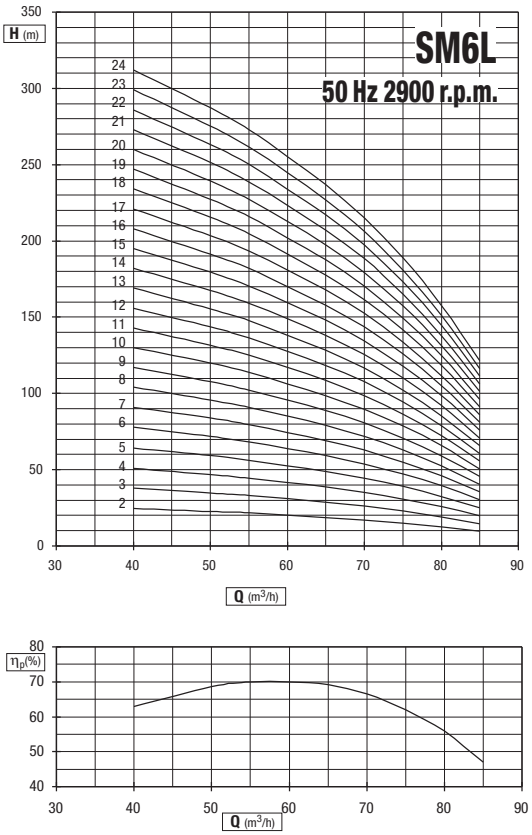
MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA										DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0	40	50	55	60	65	70	75	80	85				
		kW	HP	Q=l/min	0	667	833	917	1000	1083	1167	1250	1333	1417				
SM6L2	60149113	5,5	7,5		31	25	23	22	20	19	17	15	12	10	3"	30	632	6"
SM6L3	60149114	9,2	12,5		48	38	35	33	31	29	26	23	19	15	3"	36	737	6"
SM6L4	60149115	11,0	15		64	51	47	45	42	39	35	31	26	20	3"	42	842	6"
SM6L5	60149116	13,0	17,5		81	64	59	56	53	49	44	39	32	25	3"	48	947	6"
SM6L6	60149117	18,5	25		98	78	72	68	64	59	54	47	39	30	3"	54	1052	6"
SM6L7	60149118	18,5	25		115	91	84	80	74	69	63	55	46	35	3"	60	1157	6"
SM6L8	60149119	22,0	30		131	104	96	91	85	79	72	63	52	40	3"	66	1262	6"
SM6L9	60149120	26,0	35		148	117	108	102	96	89	81	71	59	46	3"	72	1367	6"
SM6L10	60149121	26,0	35		164	130	120	114	106	99	90	79	66	51	3"	78	1472	6"
SM6L11	60149122	30,0	40		180	143	132	125	117	109	99	87	72	56	3"	84	1577	6"
SM6L12	60149123	37,0	50		197	156	144	136	128	118	108	94	79	61	3"	90	1682	6"
SM6L13	60149124	37,0	50	H (mt)	213	169	156	148	138	128	117	102	85	66	3"	96	1787	6"
SM6L14	60149125	37,0	50		230	182	168	159	149	138	126	110	92	71	3"	102	1892	6"
SM6L15	60149126	45,0	60		246	195	180	171	159	148	135	118	98	76	3"	108	1997	8"
SM6L16	60149127	45,0	60		262	208	192	182	170	158	144	126	105	81	3"	114	2102	8"
SM6L17	60149128	45,0	60		279	221	203	193	181	168	152	134	112	86	3"	120	2207	8"
SM6L18	60149129	55,0	75		295	234	215	205	191	178	161	142	118	91	3"	126	2312	8"
SM6L19	60149130	55,0	75		312	247	227	216	202	188	170	150	125	96	3"	134	2445	8"
SM6L20	60149131	55,0	75		328	260	239	227	213	197	179	157	131	101	3"	140	2550	8"
SM6L21	60149132	55,0	75		344	273	251	239	223	207	188	165	138	106	3"	146	2655	8"
SM6L22	60149133	63,0	85		361	286	263	250	234	217	197	173	144	111	3"	152	2760	8"
SM6L23	60149134	63,0	85		377	299	275	262	244	227	206	181	151	116	3"	158	2865	8"
SM6L24	60149135	63,0	85		394	312	287	273	255	237	215	189	157	121	3"	164	2970	8"

DAB PUMPS reserves the right to make modifications without notice

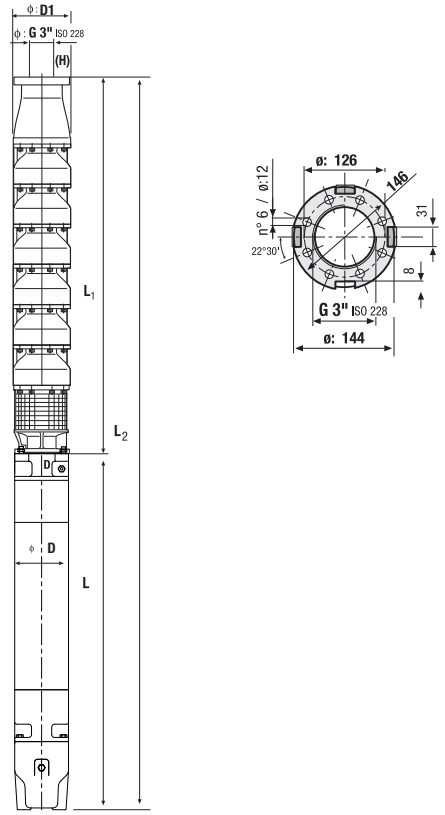

SM6E
50 Hz 2900 r.p.m.
H (m)
Q (m³/h)
ηp(%)


SM6G
50 Hz 2900 r.p.m.
H (m)
Q (m³/h)
ηp(%)


SM6H
50 Hz 2900 r.p.m.
H (m)
Q (m³/h)
ηp(%)


SM6L
50 Hz 2900 r.p.m.
H (m)
Q (m³/h)
ηp(%)

DIMENSIONS AND WEIGHTS



DIMENSIONS AND WEIGHTS - SM6E

MODEL	L1 [mm]	L [mm]	L2 [mm]	D [mm]	D1 [mm]	Weight tot [kg]
SM6E2 + 6GF 4 kW	632	600	1232	141	146	69,4
SM6E3 + 6GF 5,5 kW	737	631	1368	141	146	78,6
SM6E4 + 6GF 5,5 kW	842	631	1473	141	146	84,6
SM6E5 + 6GF 7,5 kW	947	660	1607	141	146	93,2
SM6E6 + 6GF 9,2 kW	1052	685	1737	141	146	102,6
SM6E7 + 6GF 11 kW	1157	730	1887	141	146	113
SM6E8 + 6GF 11 kW	1262	730	1992	141	146	119
SM6E9 + 6GF 15 kW	1367	785	2152	141	146	131
SM6E10 + 6GF 15 kW	1472	785	2257	141	146	137
SM6E11 + 6GF 15 kW	1577	785	2362	141	146	143
SM6E12 + 6GF 18,5 kW	1682	860	2542	141	146	157
SM6E13 + 6GF 18,5 kW	1787	860	2647	141	146	163
SM6E14 + 6GF 22 kW	1892	920	2812	141	146	172,6
SM6E15 + 6GF 22 kW	1997	920	2917	141	146	178,6
SM6E16 + 6GF 22 kW	2102	920	3022	141	146	184,6
SM6E17 + 6GF 30 kW	2207	1050	3257	141	146	206,8
SM6E18 + 6GF 30 kW	2312	1050	3362	141	146	212,8
SM6E19 + 6GF 30 kW	2417	1050	3467	141	146	218,8
SM6E20 + 6GF 30 kW	2522	1050	3572	141	146	224,8
SM6E21 + 6GF 30 kW	2627	1050	3677	141	146	230,8
SM6E22 + 6GF 30 kW	2732	1050	3782	141	146	236,8
SM6E23 + 6GF 37 kW	2837	1180	4017	141	146	254,8
SM6E24 + 6GF 37 kW	2942	1180	4122	141	146	260,8
SM6E25 + 6GF 37 kW	3047	1180	4227	141	146	266,8
SM6E26 + 6GF 37 kW	3152	1180	4332	141	146	272,8

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DIMENSIONS AND WEIGHTS - SM6G

MODEL	L1 [mm]	L [mm]	L2 [mm]	D [mm]	D1 [mm]	Weight tot [kg]
SM6G2 + 6GF 4 kW	632	600	1232	141	146	69,4
SM6G3 + 6GF 5,5 kW	737	631	1368	141	146	78,6
SM6G4 + 6GF 7,5 kW	842	660	1502	141	146	87,2
SM6G5 + 6GF 9,2 kW	947	685	1632	141	146	96,6
SM6G6 + 6GF 11 kW	1052	730	1782	141	146	107
SM6G7 + 6GF 15 kW	1157	785	1942	141	146	119
SM6G8 + 6GF 15 kW	1262	785	2047	141	146	125
SM6G9 + 6GF 15 kW	1367	785	2152	141	146	131
SM6G10 + 6GF 18,5 kW	1472	860	2332	141	146	145
SM6G11 + 6GF 18,5 kW	1577	860	2437	141	146	151
SM6G12 + 6GF 22 kW	1682	920	2602	141	146	160,6
SM6G13 + 6GF 22 kW	1787	920	2707	141	146	166,6
SM6G14 + 6GF 30 kW	1892	1050	2942	141	146	188,8
SM6G15 + 6GF 30 kW	1997	1050	3047	141	146	194,8
SM6G16 + 6GF 30 kW	2102	1050	3152	141	146	200,8
SM6G17 + 6GF 30 kW	2207	1050	3257	141	146	206,8
SM6G18 + 6GF 30 kW	2312	1050	3362	141	146	212,8
SM6G19 + 6GF 37 kW	2417	1180	3597	141	146	230,8
SM6G20 + 6GF 37 kW	2522	1180	3702	141	146	236,8
SM6G21 + 6GF 37 kW	2627	1180	3807	141	146	242,8
SM6G22 + TR860 45 kW	2760	1270	4030	192	146	329
SM6G23 + TR860 45 kW	2865	1270	4135	192	146	335

DIMENSIONS AND WEIGHTS - SM6H

MODEL	L1 [mm]	L [mm]	L2 [mm]	D [mm]	D1 [mm]	Weight tot [kg]
SM6H2 + 6GF 5,5 kW	632	631	1263	141	146	72,6
SM6H3 + 6GF 7,5 kW	737	660	1397	141	146	81,2
SM6H4 + 6GF 9,2 kW	842	685	1527	141	146	90,6
SM6H5 + 6GF 11 kW	947	730	1677	141	146	101
SM6H6 + 6GF 15 kW	1052	785	1837	141	146	113
SM6H7 + 6GF 15 kW	1157	785	1942	141	146	119
SM6H8 + 6GF 18,5 kW	1262	860	2122	141	146	133
SM6H9 + 6GF 18,5 kW	1367	860	2227	141	146	139
SM6H10 + 6GF 22 kW	1472	920	2392	141	146	148,6
SM6H11 + 6GF 22 kW	1577	920	2497	141	146	154,6
SM6H12 + 6GF 30 kW	1682	1050	2732	141	146	176,8
SM6H13 + 6GF 30 kW	1787	1050	2837	141	146	182,8
SM6H14 + 6GF 30 kW	1892	1050	2942	141	146	188,8
SM6H15 + 6GF 37 kW	1997	1180	3177	141	146	206,8
SM6H16 + 6GF 37 kW	2102	1180	3282	141	146	212,8
SM6H17 + 6GF 37 kW	2207	1180	3387	141	146	218,8
SM6H18 + TR860 45 kW	2312	1270	3582	192	146	309
SM6H19 + TR860 45 kW	2445	1270	3715	192	146	311
SM6H20 + TR860 45 kW	2550	1270	3820	192	146	317
SM6H21 + TR875 55 kW	2655	1350	4005	192	146	338
SM6H22 + TR875 55 kW	2760	1350	4110	192	146	344
SM6H23 + TR875 55 kW	2865	1350	4215	192	146	350
SM6H24 + TR875 55 kW	2970	1350	4320	192	146	356

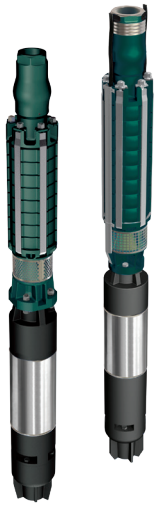
DIMENSIONS AND WEIGHTS - SM6L

MODEL	L1 [mm]	L [mm]	L2 [mm]	D [mm]	D1 [mm]	Weight tot [kg]
SM6L2 + 6GF 5,5 kW	632	631	1263	141	146	72,6
SM6L3 + 6GF 9,2 kW	737	685	1422	141	146	84,6
SM6L4 + 6GF 11 kW	842	730	1572	141	146	95
SM6L5 + 6GF 15 kW	947	785	1732	141	146	107
SM6L6 + 6GF 18,5 kW	1052	860	1912	141	146	121
SM6L7 + 6GF 18,5 kW	1157	860	2017	141	146	127
SM6L8 + 6GF 22 kW	1262	920	2182	141	146	136,6
SM6L9 + 6GF 30 kW	1367	1050	2417	141	146	158,8
SM6L10 + 6GF 30 kW	1472	1050	2522	141	146	164,8
SM6L11 + 6GF 30 kW	1577	1050	2627	141	146	170,8
SM6L12 + 6GF 37 kW	1682	1180	2862	141	146	188,8
SM6L13 + 6GF 37 kW	1787	1180	2967	141	146	194,8
SM6L14 + 6GF 37 kW	1892	1180	3072	141	146	200,8
SM6L15 + TR860 45 kW	1997	1270	3267	192	146	285
SM6L16 + TR860 45 kW	2102	1270	3372	192	146	291
SM6L17 + TR860 45 kW	2207	1270	3477	192	146	297
SM6L18 + TR875 55 kW	2312	1350	3662	192	146	324
SM6L19 + TR875 55 kW	2445	1350	3795	192	146	326
SM6L20 + TR875 55 kW	2550	1350	3900	192	146	332
SM6L21 + TR875 55 kW	2655	1350	4005	192	146	338
SM6L22 + TR885 63 kW	2760	1490	4250	192	146	370
SM6L23 + TR885 63 kW	2865	1490	4355	192	146	376
SM6L24 + TR885 63 kW	2970	1490	4460	192	146	382

SR8

8" SUBMERSIBLE ELECTRIC PUMP

NEW



Multistage submersible **radial** (high pressure) pumps for 6" wells or larger, able to generate a wide range of heads. They can be used in a wide range of applications for lifting, pressurizing and distribution in civil and industrial installations, autoclave and cistern inlets supply, fire fighting, washing plants and irrigation systems.
Application for clean water, non aggressive, without solids or abrasives particles.
Maximum presence of sand in the water: 30gr/m^3
Maximum water temperature: refers to the maximum temperature that the motor can tolerate.
Characteristics of the pump:
Body of painted cast iron, impellers and diffusers in stainless steel AISI 304. The impellers are dynamically balanced and keyed to the shaft with key drive.
Shaft driven by coaxial bushing bearings and fully protected by bushings.
Pump fitted with a check valve with low pressure drop.
Threaded delivery port 3" GAS.
Coupled with 6" or 8" motor depending on the power requested by hydraulics .
6GF: 6" canned submersible motor.
TR6: 6" rewindable submersible motors.
TR8: 8" rewindable submersible motors.
For operation with inverter refer to the specifications of the motor.
On request:
Pump body: Stainless steel microcasted AISI 316 for aggressive water application.
Impellers: Stainless steel microcasted AISI 316 or bronze.
Version without non-return valve for horizontal installation.
Non-standard motor / pump couplings.

ACCESSORIES
PAG. 603

TECHNICAL DATA - SR8E Direct Starting

6GF MOTORS DETAIL pag. 593 / TR6 pag. 595 / TR8 pag. 597

MODEL	HYDRAULIC PART CODE	MOTOR CODE	ELECTRICAL DATA			HYDRAULIC DATA									DNM GAS	WEIGHT KG	H mm	Operating by inverter	Horizontal instal.
			P2 NOMINAL		In 400 V (A)	Q=m^{3}h	0	15	20	25	30	35	40	45					
			kW	HP		Q=l/min	0	250	333	417	500	583	667	750					
SR8A2 + 6GF 5,5 KW	60162576	0607500	5,5	7,5	14		50	46	45	42	39	36	30	22	3"	90,2	1301	●	●
SR8A3 + 6GF 9,2 KW	60162577	0612500	9,2	12,5	22		76	71	68	65	60	54	46	34	3"	102	1415	●	●
SR8A4 + 6GF 11 KW	60162578	0615000	11	15	25,5		102	96	92	87	81	73	62	46	3"	112	1520	●	●
SR8A5 + 6GF 15 KW	60162579	0620000	15	20	33,4		129	121	116	110	102	93	78	58	3"	124	1635	●	●
SR8A6 + 6GF 18,5 KW	60162580	0625000	18,5	25	41		156	146	141	133	124	112	95	71	3"	137,5	1770	●	●
SR8A7 + 6GF 18,5 KW	60162581	0625000	18,5	25	41		182	171	165	155	144	131	111	83	3"	143,5	1830	●	●
SR8A8 + 6GF 22 KW	60162582	0630000	22	30	47		208	195	188	178	165	150	127	94	3"	155,5	1950	●	●
SR8A9 + 6GF 30 KW	60162583	0640000	30	40	61,5		235	220	212	200	186	168	143	106	3"	174	2140	●	●
SR8A10 + 6GF 30 KW	60162584	0640000	30	40	61,5		261	244	235	222	206	187	159	118	3"	180	2200	●	●
SR8A11 + 6GF 30 KW	60162585	0640000	30	40	61,5		287	268	259	244	227	206	174	130	3"	191	2338	●	●
SR8A12 + 6GF 37 KW	60162586	0650000	37	50	79,5		313	293	282	266	247	224	190	142	3"	210	2528	●	●
SR8A13 + 6GF 37 KW	60162587	0650000	37	50	79,5		339	317	306	289	268	243	206	153	3"	216	2588	●	●
SR8A14 + 6GF 37 KW	60162588	0650000	37	50	79,5		365	342	329	311	289	262	222	165	3"	222	2648	●	●
SR8A15 + TR8 45 KW	60162589	60144582	45	60	92		391	366	353	333	309	281	238	177	3"	307	2798	o	●
SR8A16 + TR8 45 KW	60162590	60144582	45	60	92		417	390	376	355	330	299	254	189	3"	317	2886	o	●
SR8A17 + TR8 45 KW	60162591	60144582	45	60	92	H (mt)	443	415	400	377	351	318	269	201	3"	323	2946	o	●
SR8A18 + TR8 55 KW	60162592	60144583	55	75	109		469	439	423	400	371	337	285	212	3"	344	3086	o	●
SR8A19 + TR8 55 KW	60162593	60144583	55	75	109		495	464	447	422	392	355	301	224	3"	350	3146	o	●
SR8A20 + TR8 55 KW	60162594	60144583	55	75	109		521	488	470	444	412	374	317	236	3"	356	3206	o	●
SR8A21 + TR8 55 KW	60162595	60144583	55	75	109		547	512	494	466	433	393	333	248	3"	367	3344	o	●
SR8A22 + TR8 63 KW	60162596	60144584	63	85	126		568	531	512	484	449	407	345	257	3"	399	3544	o	●
SR8A23 + TR8 63 KW	60162597	60144584	63	85	126		587	550	530	500	465	421	357	266	3"	405	3604	o	●
SR8A24 + TR8 63 KW	60162598	60144584	63	85	126		600	562	541	511	475	431	365	272	3"	411	3664	o	●
SR8A25 + TR8 75 KW	60162599	60144585	75	100	145		645	604	582	549	510	463	392	292	3"	436	3824	o	●
SR8A26 + TR8 75 KW	60162600	60144585	75	100	145		664	622	599	566	525	476	404	301	3"	442	3884	o	●
SR8A27 + TR8 75 KW	60162601	60144585	75	100	145		683	639	615	581	540	490	415	309	3"	448	3944	o	●
SR8A28 + TR8 75 KW	60162602	60144585	75	100	145		700	656	632	597	554	503	426	317	3"	454	4004	o	●
SR8A29 + TR8 75 KW	60162603	60144585	75	100	145		741	693	668	631	586	531	450	335	3"	460	4064	o	●
SR8A30 + TR8 92 KW	60162604	60144586	92	125	177		758	710	684	646	600	544	461	343	3"	512	4364	o	●
SR8A31 + TR8 92 KW	60162605	60144586	92	125	177		776	726	699	661	614	557	472	351	3"	518	4424	o	●

● allowed
o on demand

DAB PUMPS reserves the right to make modifications without notice

TECHNICAL DATA - SR8E hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA									DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0	15	20	25	30	35	40	45				
		kW	HP	Q=l/min	0	250	333	417	500	583	667	750				
SR8A2	60162576	5,5	7,5		50	46	45	42	39	36	30	22	3"	47	670	6"
SR8A3	60162577	9,2	12,5		76	71	68	65	60	54	46	34	3"	53	730	6"
SR8A4	60162578	11	15		102	96	92	87	81	73	62	46	3"	59	790	6"
SR8A5	60162579	15	20		129	121	116	110	102	93	78	58	3"	65	850	6"
SR8A6	60162580	18,5	25		156	146	141	133	124	112	95	71	3"	71	910	6"
SR8A7	60162581	18,5	25		182	171	165	155	144	131	111	83	3"	77	970	6"
SR8A8	60162582	22	30		208	195	188	178	165	150	127	94	3"	83	1030	6"
SR8A9	60162583	30	40		235	220	212	200	186	168	143	106	3"	89	1090	6"
SR8A10	60162584	30	40		261	244	235	222	206	187	159	118	3"	95	1150	6"
SR8A11	60162585	30	40		287	268	259	244	227	206	174	130	3"	106	1288	6"
SR8A12	60162586	37	50		313	293	282	266	247	224	190	142	3"	112	1348	6"
SR8A13	60162587	37	50		339	317	306	289	268	243	206	153	3"	118	1408	6"
SR8A14	60162588	37	50		365	342	329	311	289	262	222	165	3"	124	1468	6"
SR8A15	60162589	45	60		391	366	353	333	309	281	238	177	3"	130	1528	8"
SR8A16	60162590	45	60	H (mt)	417	390	376	355	330	299	254	189	3"	140	1616	8"
SR8A17	60162591	45	60		443	415	400	377	351	318	269	201	3"	146	1676	8"
SR8A18	60162592	55	75		469	439	423	400	371	337	285	212	3"	152	1736	8"
SR8A19	60162593	55	75		495	464	447	422	392	355	301	224	3"	158	1796	8"
SR8A20	60162594	55	75		521	488	470	444	412	374	317	236	3"	164	1856	8"
SR8A21	60162595	55	75		547	512	494	466	433	393	333	248	3"	175	1994	8"
SR8A22	60162596	63	85		568	531	512	484	449	407	345	257	3"	181	2054	8"
SR8A23	60162597	63	85		587	550	530	500	465	421	357	266	3"	187	2114	8"
SR8A24	60162598	63	85		600	562	541	511	475	431	365	272	3"	193	2174	8"
SR8A25	60162599	75	100		645	604	582	549	510	463	392	292	3"	199	2234	8"
SR8A26	60162600	75	100		664	622	599	566	525	476	404	301	3"	205	2294	8"
SR8A27	60162601	75	100		683	639	615	581	540	490	415	309	3"	211	2354	8"
SR8A28	60162602	75	100		700	656	632	597	554	503	426	317	3"	217	2414	8"
SR8A29	60162603	75	100		741	693	668	631	586	531	450	335	3"	223	2474	8"
SR8A30	60162604	92	125		758	710	684	646	600	544	461	343	3"	229	2534	8"
SR8A31	60162605	92	125		776	726	699	661	614	557	472	351	3"	235	2594	8"

TECHNICAL DATA - SR8B Direct Starting

6GF MOTORS DETAIL pag. 593 / TR6 pag. 595 / TR8 pag. 597

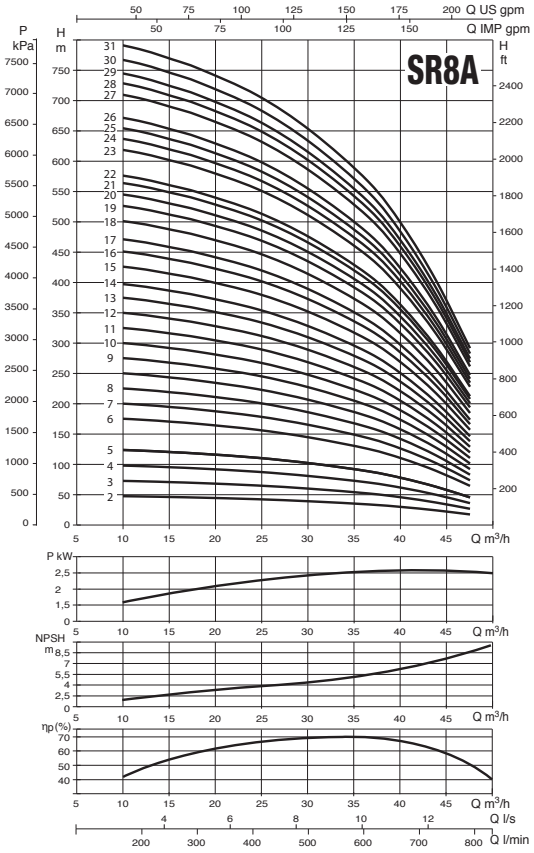
MODEL	HYDRAULIC PART CODE	MOTOR CODE	ELECTRICAL DATA			HYDRAULIC DATA									DNM GAS	WEIGHT KG	H mm	Operating by inverter	Horizontal instal.
			P2 NOMINAL		In 400 V (A)	Q=m³h	0	20	30	40	50	60	70	80					
			kW	HP		Q=l/min	0	333	500	667	833	1000	1067	1333					
SR8B2 + 6GF 7,5 KW	60162606	0610000	7,5	10	18		47	43	41	39	35	31	25	17	3"	92,5	1330	●	●
SR8B3 + 6GF 11 KW	60162607	0615000	11	15	25,5		72	66	63	59	54	47	38	27	3"	106	1460	●	●
SR8B4 + 6GF 15 KW	60162608	0620000	15	20	33,4		97	90	85	80	73	63	51	36	3"	118	1575	●	●
SR8B5 + 6GF 18,5 KW	60162609	0625000	18,5	25	41		122	113	107	101	92	80	65	46	3"	131,5	1710	●	●
SR8B6 + 6GF 22 KW	60162610	0630000	22	30	47		148	137	130	122	112	97	79	55	3"	143,5	1830	●	●
SR8B7 + 6GF 30 KW	60162611	0640000	30	40	61,5		173	160	152	143	130	113	92	64	3"	162	2020	●	●
SR8B8 + 6GF 30 KW	60162612	0640000	30	40	61,5		198	183	174	163	149	129	105	74	3"	168	2080	●	●
SR8B9 + 6GF 37 KW	60162613	0650000	37	50	79,5		222	206	195	184	167	145	118	83	3"	187	2270	●	●
SR8B10 + 6GF 37 KW	60162614	0650000	37	50	79,5		247	229	217	204	186	161	131	92	3"	193	2330	●	●
SR8B11 + TR8 45 KW	60162615	60144582	45	60	92	H (mt)	272	251	239	224	205	17	144	101	3"	283	2558	o	●
SR8B12 + TR8 45 KW	60162616	60144582	45	60	92		296	274	260	245	223	193	157	110	3"	289	2618	o	●
SR8B13 + TR8 55 KW	60162617	60144583	55	75	109		321	297	282	265	242	209	170	120	3"	310	2758	o	●
SR8B14 + TR8 55 KW	60162618	60144583	55	75	109		346	320	304	286	260	225	183	129	3"	316	2818	o	●
SR8B15 + TR8 55 KW	60162619	60144583	55	75	109		371	343	326	306	279	242	197	138	3"	322	2878	o	●
SR8B16 + TR8 63 KW	60162620	60144584	63	85	126		395	366	347	326	298	258	210	147	3"	358	3106	o	●
SR8B17 + TR8 63 KW	60162622	60144584	63	85	126		420	388	369	347	316	274	223	156	3"	364	3166	o	●
SR8B18 + TR8 75 KW	60162623	60144585	75	100	145		445	411	391	367	335	290	236	166	3"	389	3326	o	●
SR8B19 + TR8 75 KW	60162624	60144585	75	100	145		469	434	412	388	353	306	249	175	3"	395	3386	o	●
SR8B20 + TR8 75 KW	60162625	60144585	75	100	145		494	457	434	408	372	322	262	184	3"	401	3446	o	●

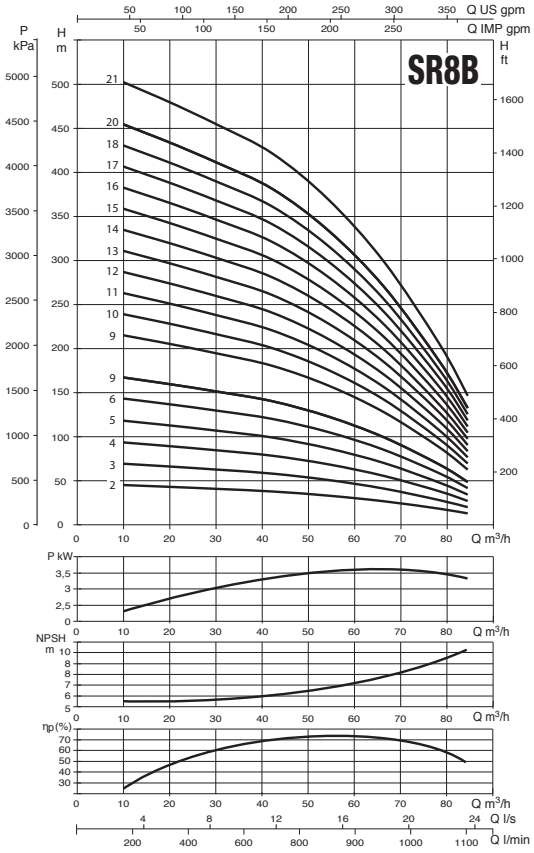
● allowed
o on demand

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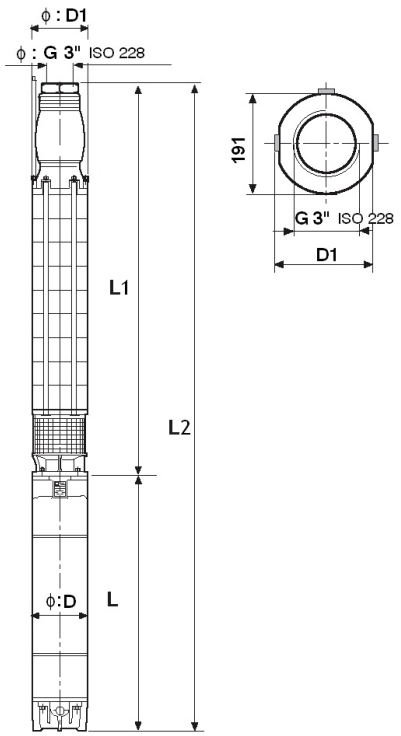
TECHNICAL DATA - SR8B hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA P2 NOMINAL REQUESTED		HYDRAULIC DATA									DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
				Q=m³h	0	20	30	40	50	60	70	80				
		kW	HP	Q=l/min	0	333	500	667	833	1000	1067	1333				
SR8B2	60162606	7,5	10		47	43	41	39	35	31	25	17	3"	47	670	6"
SR8B3	60162607	11	15		72	66	63	59	54	47	38	27	3"	53	730	6"
SR8B4	60162608	15	20		97	90	85	80	73	63	51	36	3"	59	790	6"
SR8B5	60162609	18,5	25		122	113	107	101	92	80	65	46	3"	65	850	6"
SR8B6	60162610	22	30		148	137	130	122	112	97	79	55	3"	71	910	6"
SR8B7	60162611	30	40		173	160	152	143	130	113	92	64	3"	77	970	6"
SR8B8	60162612	30	40		198	183	174	163	149	129	105	74	3"	83	1030	6"
SR8B9	60162613	37	50		222	206	195	184	167	145	118	83	3"	89	1090	6"
SR8B10	60162614	37	50		247	229	217	204	186	161	131	92	3"	95	1150	6"
SR8B11	60162615	45	60	H (mt)	272	251	239	224	205	17	144	101	3"	106	1288	8"
SR8B12	60162616	45	60		296	274	260	245	223	193	157	110	3"	112	1348	8"
SR8B13	60162617	55	75		321	297	282	265	242	209	170	120	3"	118	1408	8"
SR8B14	60162618	55	75		346	320	304	286	260	225	183	129	3"	124	1468	8"
SR8B15	60162619	55	75		371	343	326	306	279	242	197	138	3"	130	1528	8"
SR8B16	60162620	63	85		395	366	347	326	298	258	210	147	3"	140	1616	8"
SR8B17	60162622	63	85		420	388	369	347	316	274	223	156	3"	146	1676	8"
SR8B18	60162623	75	100		445	411	391	367	335	290	236	166	3"	152	1736	8"
SR8B19	60162624	75	100		469	434	412	388	353	306	249	175	3"	158	1796	8"
SR8B20	60162625	75	100		494	457	434	408	372	322	262	184	3"	164	1856	8"





DIMENSIONS AND WEIGHTS



DAB PUMPS reserves the right to make modifications without notice

DIMENSIONS AND WEIGHTS - SR8A

MODEL	L1 [mm]	L [mm]	L2 [mm]	D [mm]	D1 [mm]	Weight tot [kg]
SR8A2 + 6GF 5,5 KW	670	631	1301	141	198	89,6
SR8A3 + 6GF 9,2 KW	730	685	1415	141	198	101,6
SR8A4 + 6GF 11 KW	790	730	1520	141	198	112
SR8A5 + 6GF 15 KW	850	785	1635	141	198	124
SR8A6 + 6GF 18,5 KW	910	860	1770	141	198	138
SR8A7 + 6GF 18,5 KW	970	860	1830	141	198	144
SR8A8 + 6GF 22 KW	1030	920	1950	141	198	153,6
SR8A9 + 6GF 30 KW	1090	1050	2140	141	198	175,8
SR8A10 + 6GF 30 KW	1150	1050	2200	141	198	181,8
SR8A11 + 6GF 30 KW	1288	1050	2338	141	198	192,8
SR8A12 + 6GF 37 KW	1348	1180	2528	141	198	210,8
SR8A13 + 6GF 37 KW	1408	1180	2588	141	198	216,8
SR8A14 + 6GF 37 KW	1468	1180	2648	141	198	222,8
SR8A15 + TR8 45 KW	1528	1270	2798	192	198	307
SR8A16 + TR8 45 KW	1616	1270	2886	192	198	317
SR8A17 + TR8 45 KW	1676	1270	2946	192	198	323
SR8A18 + TR8 55 KW	1736	1350	3086	192	198	344
SR8A19 + TR8 55 KW	1796	1350	3146	192	198	350
SR8A20 + TR8 55 KW	1856	1350	3206	192	198	356
SR8A21 + TR8 55 KW	1994	1350	3344	192	198	367
SR8A22 + TR8 63 KW	2054	1490	3544	192	198	399
SR8A23 + TR8 63 KW	2114	1490	3604	192	198	405
SR8A24 + TR8 63 KW	2174	1490	3664	192	198	411
SR8A25 + TR8 75 KW	2234	1590	3824	192	198	436
SR8A26 + TR8 75 KW	2294	1590	3884	192	198	442
SR8A27 + TR8 75 KW	2354	1590	3944	192	198	448
SR8A28 + TR8 75 KW	2414	1590	4004	192	198	454
SR8A29 + TR8 75 KW	2474	1590	4064	192	198	460
SR8A30 + TR8 92 KW	2534	1830	4364	192	198	512
SR8A31 + TR8 92 KW	2594	1830	4424	192	198	518

DIMENSIONS AND WEIGHTS - SR8B

MODEL	L1 [mm]	L [mm]	L2 [mm]	D [mm]	D1 [mm]	Weight tot [kg]
SR8B2 + 6GF 7,5 KW	670	660	1330	141	198	92,2
SR8B3 + 6GF 11 KW	730	730	1460	141	198	106
SR8B4 + 6GF 15 KW	790	785	1575	141	198	118
SR8B5 + 6GF 18,5 KW	850	860	1710	141	198	132
SR8B6 + 6GF 22 KW	910	920	1830	141	198	141,6
SR8B7 + 6GF 30 KW	970	1050	2020	141	198	163,8
SR8B8 + 6GF 30 KW	1030	1050	2080	141	198	169,8
SR8B9 + 6GF 37 KW	1090	1180	2270	141	198	187,8
SR8B10 + 6GF 37 KW	1150	1180	2330	141	198	193,8
SR8B11 + TR8 45 KW	1348	1270	2618	192	198	289
SR8B12 + TR8 45 KW	1288	1270	2558	192	198	283
SR8B13 + TR8 55 KW	1408	1350	2758	192	198	310
SR8B14 + TR8 55 KW	1468	1350	2818	192	198	316
SR8B15 + TR8 55 KW	1528	1350	2878	192	198	322
SR8B16 + TR8 63 KW	1616	1490	3106	192	198	358
SR8B17 + TR8 63 KW	1676	1490	3166	192	198	364
SR8B18 + TR8 75 KW	1736	1590	3326	192	198	389
SR8B19 + TR8 75 KW	1796	1590	3386	192	198	395
SR8B20 + TR8 75 KW	1856	1590	3446	192	198	401

ACCESSORIES
PAG. 603

SM8
8" SUBMERSIBLE PUMPS



CE

Applications
Multistage mixed-flow bore-hole electric pumps for wells with a diameter of 8" or greater capable of developing a wide range of flows and heads. These pumps can be used in a wide range of lifting, distributing and pressuring applications in civili and industrial supplies, autoclaves and tanks, fire-fighting and washing installations and irrigation systems. Pumped liquid: Clean water without solid or abrasive particles.
Max. quantity of sand: 50g/m³
Maximum water temperature: refers to the maximum temperature that the motor can tolerate.
Construction features of pump
Mixed-flow pumps with external in cast-iron, impellers in cast-iron or bronze. The impellers are dynamically balanced and splined to the shaft with key drive.
The shaft is driven by coaxial bearing bushes and fully protected by sleeves to ease disassembling.

The pumps are provided with a built-in non returne valve, threaded, and low friction losses.
Delivery outlet flanged and threaded.
Coupling with 6" or 8" motor depending on the power requested by hydraulic part
6GF: 6" canned submersible motor
TR6: 6" rewindable submersible motors.
TR8: 8" rewindable submersible motors
TR10: 10" rewindable submersible motor
For inverter application refer to the motor specification.
On request:
- Pump body: Stainless steel microcasted AISI 316 for aggressive water application
- Impellers: Stainless steel microcasted AISI 316 or bronze.
- Version without Non-returne valve for horizontal application.
- Non-standard pump/motor coupling.

TECHNICAL DATA - SM8E Direct Starting

6GF MOTORS DETAIL pag. 593 / TR6 pag. 595 / TR8 pag. 597

MODEL	HYDRAULIC PART CODE	MOTOR CODE	ELECTRICAL DATA			HYDRAULIC DATA										DNM GAS	WEIGHT KG	H mm	Operating by inverter	Horizontal instal.
			P2 NOMINAL		In 400 V (A)	Q=m³h	0	30	40	50	60	70	80	90	100					
			kW	HP		Q=l/min	0	500	667	833	1000	1167	1333	1500	1667					
SM8E1A + 6GF 5,5 KW	60149163	0607500	5,5	7,5	14	H (mt)	24	21	20	18	17	16	14	12	9	5"	84,6	1235	●	●
SM8E2A + 6GF 9,2 KW	60149164	0612500	9,2	12,5	22		48	41	39	37	34	31	28	24	18	5"	100,6	1421	●	●
SM8E3A + 6GF 15 KW	60149165	0620000	15,0	20	33,4		74	63	60	56	52	48	42	36	28	5"	121	1653	●	●
SM8E4A + 6GF 18,5 KW	60149166	0625000	18,5	25	41		100	85	81	76	70	64	57	49	38	5"	139	1860	●	●
SM8E5A + 6GF 22 KW	60149167	0630000	22,0	30	47		126	108	102	96	89	81	72	61	48	5"	152,6	2052	●	●
SM8E6A + 6GF 30 KW	60149168	0640000	30,0	40	61,5		153	131	124	116	107	98	88	74	58	5"	178,8	2314	●	●
SM8E7A + 6GF 30 KW	60149169	0640000	30,0	40	61,5		179	153	144	135	125	113	100	85	67	5"	188,8	2446	●	●
SM8E8A + 6GF 37 KW	60149170	0650000	37,0	50	79,5		204	174	165	154	143	131	117	99	77	5"	210,8	2708	●	●
SM8E9A + TR8 45 KW	60149171	60144582	45,0	60	92		230	196	185	174	161	148	131	112	86	5"	302	2958	o	●
SM8E10A + TR8 45 KW	60149172	60144582	45,0	60	92		255	218	206	193	179	164	146	124	96	5"	312	3090	o	●
SM8E11A + TR8 55 KW	60149175	60144583	55,0	75	109		281	240	227	212	197	180	161	136	106	5"	337	3302	o	●
SM8E12A + TR8 55 KW	60149176	60144583	55,0	75	109		306	262	247	232	215	197	175	149	115	5"	347	3434	o	●
SM8E13A + TR8 63 KW	60149177	60144584	63,0	85	126		332	283	268	251	233	213	190	161	125	5"	383	3706	o	●
SM8E14A + TR8 63 KW	60149178	60144584	63,0	85	126		357	305	288	270	251	230	204	174	134	5"	393	3838	o	●
SM8E15A + TR8 75 KW	60149179	60144585	75,0	100	145		383	327	309	290	269	246	219	186	144	5"	422	4070	o	●

● allowed
o on demand

TECHNICAL DATA - SM8E hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA										DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0	30	40	50	60	70	80	90	100				
		kW	HP	Q=l/min	0	500	667	833	1000	1167	1333	1500	1667				
SM8E1A	60149163	5,5	7,5	H (mt)	24	21	20	18	17	16	14	12	9	5"	42	604	6"
SM8E2A	60149164	9,2	12,5		48	41	39	37	34	31	28	24	18	5"	52	736	6"
SM8E3A	60149165	13,0	17,5		74	63	60	56	52	48	42	36	28	5"	62	868	6"
SM8E4A	60149166	18,5	25,0		100	85	81	76	70	64	57	49	38	5"	72	1000	6"
SM8E5A	60149167	22,0	30,0		126	108	102	96	89	81	72	61	48	5"	82	1132	6"
SM8E6A	60149168	26,0	35,0		153	131	124	116	107	98	88	74	58	5"	92	1264	6"
SM8E7A	60149169	30,0	40,0		179	153	144	135	125	113	100	85	67	5"	102	1396	6"
SM8E8A	60149170	37,0	50,0		204	174	165	154	143	131	117	99	77	5"	112	1528	6"
SM8E9A	60149171	45,0	60,0		230	196	185	174	161	148	131	112	86	5"	125	1688	8"
SM8E10A	60149172	45,0	60,0		255	218	206	193	179	164	146	124	96	5"	135	1820	8"
SM8E11A	60149175	55,0	75,0		281	240	227	212	197	180	161	136	106	5"	145	1952	8"
SM8E12A	60149176	55,0	75,0		306	262	247	232	215	197	175	149	115	5"	155	2084	8"
SM8E13A	60149177	63,0	85,0		332	283	268	251	233	213	190	161	125	5"	165	2216	8"
SM8E14A	60149178	63,0	85,0		357	305	288	270	251	230	204	174	134	5"	175	2348	8"
SM8E15A	60149179	75,0	100		383	327	309	290	269	246	219	186	144	5"	185	2480	8"

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TECHNICAL DATA - SM8G Direct Starting

6GF MOTORS DETAIL pag. 593 / TR6 pag. 595 / TR8 pag. 597

MODEL	HYDRAULIC PART CODE	MOTOR CODE	ELECTRICAL DATA			HYDRAULIC DATA										DNM GAS	WEIGHT KG	H mm	Operating by inverter	Horizontal instal.
			P2 NOMINAL		In 400 V (A)	Q=m³h	0	40	50	60	70	80	90	100	110	120					
			kW	HP		Q=l/min	0	667	833	1000	1167	1333	1500	1667	1833	2000					
SM8G1A + 6GF 5,5 KW	60149200	0607500	5,5	7,5	14	H (mt)	26	21	20	19	18	16	15	14	12	9	5"	84,6	1235	●	●
SM8G2A + 6GF 11 KW	60149201	0615000	11,0	15	25,5		51	42	40	38	35	33	30	27	23	18	5"	105	1466	●	●
SM8G3A + 6GF 18,5 KW	60149202	0625000	18,5	25	41		79	65	62	58	54	50	47	42	36	28	5"	129	1728	●	●
SM8G4A + 6GF 22 KW	60149203	0630000	22,0	30	47		106	88	83	78	73	68	63	56	48	38	5"	142,6	1920	●	●
SM8G5A + 6GF 30 KW	60149204	0640000	30,0	40	61,5		134	111	105	99	92	86	79	71	61	48	5"	168,8	2182	●	●
SM8G6A + 6GF 37 KW	60149210	0650000	37,0	50	79,5		162	134	127	119	112	104	96	86	74	58	5"	190,8	2444	●	●
SM8G7A + 6GF 37 KW	60149211	0650000	37,0	50	79,5		189	156	148	139	130	121	112	101	86	68	5"	200,8	2576	●	●
SM8G8A + TR8 45 KW	60149212	60144582	45,0	60	92		216	179	170	159	149	138	128	115	98	78	5"	292	2826	o	●
SM8G9A + TR8 55 KW	60149213	60144583	55,0	75	109		243	201	191	179	167	156	144	130	111	87	5"	317	3038	o	●
SM8G10A + TR8 55 KW	60149214	60144583	55,0	75	109		270	224	212	199	186	173	160	144	123	97	5"	327	3170	o	●
SM8G11A + TR8 63 KW	60149215	60144584	63,0	85	126		297	246	233	219	205	190	176	158	135	107	5"	363	3442	o	●
SM8G12A + TR8 63 KW	60149216	60144584	63,0	85	126		324	268	254	239	223	208	192	173	148	116	5"	373	3574	o	●
SM8G13A + TR8 75 KW	60149217	60144585	75,0	100	145		351	291	276	259	242	225	208	187	160	126	5"	402	3806	o	●
SM8G14A + TR8 75 KW	60149218	60144585	75,0	100	145		378	313	297	279	260	242	224	202	172	136	5"	412	3938	o	●

● allowed
o on demand

TECHNICAL DATA - SM8G hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA											DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0	40	50	60	70	80	90	100	110	120				
		kW	HP	Q=l/min	0	667	833	1000	1167	1333	1500	1667	1833	2000				
SM8G1A	60149200	5,5	7,5	H (mt)	26	21	20	19	18	16	15	14	12	9	5"	42	604	6"
SM8G2A	60149201	11,0	15,0		51	42	40	38	35	33	30	27	23	18	5"	52	736	6"
SM8G3A	60149202	18,5	25,0		79	65	62	58	54	50	47	42	36	28	5"	62	868	6"
SM8G4A	60149203	22,0	30,0		106	88	83	78	73	68	63	56	48	38	5"	72	1000	6"
SM8G5A	60149204	26,0	35,0		134	111	105	99	92	86	79	71	61	48	5"	82	1132	6"
SM8G6A	60149210	37,0	50,0		162	134	127	119	112	104	96	86	74	58	5"	92	1264	6"
SM8G7A	60149211	37,0	50,0		189	156	148	139	130	121	112	101	86	68	5"	102	1396	6"
SM8G8A	60149212	45,0	60,0		216	179	170	159	149	138	128	115	98	78	5"	115	1556	8"
SM8G9A	60149213	55,0	75,0		243	201	191	179	167	156	144	130	111	87	5"	125	1688	8"
SM8G10A	60149214	55,0	75,0		270	224	212	199	186	173	160	144	123	97	5"	135	1820	8"
SM8G11A	60149215	63,0	85,0		297	246	233	219	205	190	176	158	135	107	5"	145	1952	8"
SM8G12A	60149216	63,0	85,0		324	268	254	239	223	208	192	173	148	116	5"	155	2084	8"
SM8G13A	60149217	75,0	100		351	291	276	259	242	225	208	187	160	126	5"	165	2216	8"
SM8G14A	60149218	75,0	100		378	313	297	279	260	242	224	202	172	136	5"	175	2348	8"

TECHNICAL DATA - SM8H Direct Starting

6GF MOTORS DETAIL pag. 593 / TR6 pag. 595 / TR8 pag. 597

MODEL	HYDRAULIC PART CODE	MOTOR CODE	ELECTRICAL DATA			HYDRAULIC DATA										DNM GAS	WEIGHT KG	H mm	Operating by inverter	Horizontal instal.
			P2 NOMINAL		In 400 V (A)	Q=m³h	0	60	70	80	90	100	110	120	130	140					
			kW	HP		Q=l/min	0	1000	1167	1333	1500	1667	1833	2000	2167	2333					
SM8H1A + 6GF 7,5 KW	60149219	0610000	7,5	10	18	H (mt)	24	20	19	18	17	16	15	14	12	11	5"	87,2	1264	●	●
SM8H2A + 6GF 15 KW	60149220	0620000	15,0	20	33,4		49	40	38	36	34	32	30	28	25	22	5"	111	1521	●	●
SM8H3A + 6GF 22 KW	60149221	0630000	22,0	30	47		74	61	58	55	52	49	46	42	38	33	5"	132,6	1788	●	●
SM8H4A + 6GF 30 KW	60149222	0640000	30,0	40	61,5		100	82	78	74	71	67	62	57	51	45	5"	158,8	2050	●	●
SM8H5A + 6GF 37 KW	60149223	0650000	37,0	50	79,5		127	104	99	94	89	84	79	72	65	56	5"	180,8	2312	●	●
SM8H6A + TR8 45 KW	60149224	60144582	45,0	60	92		154	126	120	113	108	102	95	88	79	68	5"	272	2562	o	●
SM8H7A + TR8 45 KW	60149225	60144582	45,0	60	92		179	147	140	132	126	119	111	102	92	80	5"	282	2694	o	●
SM8H8A + TR8 55 KW	60149226	60144583	55,0	75	109		205	168	160	151	144	136	127	117	105	91	5"	307	2906	o	●
SM8H9A + TR8 63 KW	60149227	60144584	63,0	85	126		230	189	180	170	162	153	143	131	118	103	5"	343	3178	o	●
SM8H10A + TR8 75 KW	60149228	60144585	75,0	100	145		256	210	200	189	180	170	159	146	131	114	5"	372	3410	o	●
SM8H11A + TR8 75 KW	60149230	60144585	75,0	100	145		282	231	220	208	198	187	175	161	144	125	5"	382	3542	o	●
SM8H12A + TR8 92 KW	60149231	60144586	92	125	177		307	252	240	227	216	204	191	175	157	137	5"	438	3914	o	●
SM8H13A + TR8 92 KW	60149232	60144586	92	125	177		333	273	260	246	234	221	207	190	170	148	5"	448	4046	o	●
SM8H14A + TR8 92 KW	60149233	60144586	92	125	177		358	294	280	265	252	238	223	204	183	160	5"	458	4178	o	●
SM8H15A + TR8 110 KW	60149234	60144587	110	150	213		384	315	300	284	270	255	239	219	197	171	5"	518	4540	o	o

● allowed
o on demand

TECHNICAL DATA - SM8H hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA											DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0	60	70	80	90	100	110	120	130	140				
		kW	HP	Q=l/min	0	1000	1167	1333	1500	1667	1833	2000	2167	2333				
SM8H1A	60149219	7,5	10,0	H (mt)	24	20	19	18	17	16	15	14	12	11	5"	42	604	6"
SM8H2A	60149220	13,0	17,5		49	40	38	36	34	32	30	28	25	22	5"	52	736	6"
SM8H3A	60149221	22,0	30,0		74	61	58	55	52	49	46	42	38	33	5"	62	868	6"
SM8H4A	60149222	26,0	35,0		100	82	78	74	71	67	62	57	51	45	5"	72	1000	6"
SM8H5A	60149223	37,0	50,0		127	104	99	94	89	84	79	72	65	56	5"	82	1132	6"
SM8H6A	60149224	45,0	60,0		154	126	120	113	108	102	95	88	79	68	5"	95	1292	8"
SM8H7A	60149225	45,0	60,0		179	147	140	132	126	119	111	102	92	80	5"	105	1424	8"
SM8H8A	60149226	55,0	75,0		205	168	160	151	144	136	127	117	105	91	5"	115	1556	8"
SM8H9A	60149227	63,0	85,0		230	189	180	170	162	153	143	131	118	103	5"	125	1688	8"
SM8H10A	60149228	75,0	100		256	210	200	189	180	170	159	146	131	114	5"	135	1820	8"
SM8H11A	60149230	75,0	100		282	231	220	208	198	187	175	161	144	125	5"	145	1952	8"
SM8H12A	60149231	92,0	125		307	252	240	227	216	204	191	175	157	137	5"	155	2084	8"
SM8H13A	60149232	92,0	125		333	273	260	246	234	221	207	190	170	148	5"	165	2216	8"
SM8H14A	60149233	92,0	125		358	294	280	265	252	238	223	204	183	160	5"	175	2348	8"
SM8H15A	60149234	110	150		384	315	300	284	270	255	239	219	197	171	5"	185	2480	8"

DAB PUMPS reserves the right to make modifications without notice

TECHNICAL DATA - SM8L Direct Starting

6GF MOTOR DETAIL pag. 593 / TR6 pag. 595
TR8 pag. 597 / TR10 pag. 599

MODEL	HYDRAULIC PART CODE	MOTOR CODE	ELECTRICAL DATA			HYDRAULIC DATA										DNM GAS	WEIGHT KG	H mm	Operating by inverter	Horizontal instal.
			P2 NOMINAL		In 400 V (A)	Q=m³h	0	70	90	100	110	120	130	140	150	160					
			kW	HP		Q=l/min	0	1167	1500	1667	1833	2000	2167	2333	2500	2667					
SM8L1A + 6GF 9,2 KW	60149235	0612500	9,2	12,5	22	H (mt)	25	20	19	18	17	17	16	15	13	12	5"	90,6	1289	●	●
SM8L2A + 6GF 18,5 KW	60149236	0625000	18,5	25	41		50	41	38	36	35	33	32	29	27	24	5"	119	1596	●	●
SM8L3A + 6GF 30 KW	60149237	0640000	30,0	40	61,5		77	63	58	56	54	51	49	45	41	36	5"	148,8	1918	●	●
SM8L4A + 6GF 37 KW	60149238	0650000	37,0	50	79,5		103	84	78	75	72	69	65	60	55	49	5"	170,8	2180	●	●
SM8L5A + TR8 45KW	60149239	60144582	45,0	60	92		131	106	99	95	91	87	83	76	69	61	5"	259	2402	o	●
SM8L6A + TR8 55 KW	60149240	60144583	55,0	75	109		158	129	119	115	110	106	100	92	84	74	5"	287	2642	o	●
SM8L7A + TR8 63 KW	60149241	60144584	63,0	85	126		185	151	139	134	129	123	117	108	98	87	5"	323	2914	o	●
SM8L8A + TR8 75 KW	60149242	60144585	75,0	100	145		211	172	159	154	147	141	134	123	112	99	5"	352	3146	o	●
SM8L9A + TR8 75 KW	60149243	60144585	75,0	100	145		238	194	179	173	166	158	150	139	126	112	5"	362	3278	o	●
SM8L10A + TR8 92 KW	60149244	60144586	92	125	177		264	215	199	192	184	176	167	154	140	124	5"	418	3650	o	●
SM8L11A + TR8 92 KW	60149250	60144586	92	125	177		290	237	219	211	202	194	184	169	154	136	5"	428	3782	o	●
SM8L12A + TR8 110 KW	60149251	60144587	110	150	213		317	258	239	230	221	211	200	185	168	149	5"	488	4144	o	o
SM8L13A + TR8 110 KW	60149252	60144587	110	150	213		343	280	259	250	239	229	217	200	182	161	5"	498	4276	o	o
SM8L14A+TR10 132 KW	60149253	60146795	132	180	257		370	301	279	269	258	246	234	216	196	174	5"	610	4218	o	●

● allowed
o on demand

TECHNICAL DATA - SM8L hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA											DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0	70	90	100	110	120	130	140	150	160				
		kW	HP	Q=l/min	0	1167	1500	1667	1833	2000	2167	2333	2500	2667				
SM8L1A	60149235	9,2	12,5	H (mt)	25	20	19	18	17	17	16	15	13	12	5"	42	604	6"
SM8L2A	60149236	18,5	25,0		50	41	38	36	35	33	32	29	27	24	5"	52	736	6"
SM8L3A	60149237	26,0	35,0		77	63	58	56	54	51	49	45	41	36	5"	62	868	6"
SM8L4A	60149238	37,0	50,0		103	84	78	75	72	69	65	60	55	49	5"	72	1000	6"
SM8L5A	60149239	45,0	60,0		131	106	99	95	91	87	83	76	69	61	5"	82	1132	6"
SM8L6A	60149240	55,0	75,0		158	129	119	115	110	106	100	92	84	74	5"	95	1292	6"
SM8L7A	60149241	63,0	85,0		185	151	139	134	129	123	117	108	98	87	5"	105	1424	6"
SM8L8A	60149242	75,0	100		211	172	159	154	147	141	134	123	112	99	5"	115	1556	6"
SM8L9A	60149243	75,0	100		238	194	179	173	166	158	150	139	126	112	5"	125	1688	6"
SM8L10A	60149244	92,0	125		264	215	199	192	184	176	167	154	140	124	5"	135	1820	6"
SM8L11A	60149250	92,0	125		290	237	219	211	202	194	184	169	154	136	5"	145	1952	6"
SM8L12A	60149251	110	150		317	258	239	230	221	211	200	185	168	149	5"	155	2084	6"
SM8L13A	60149252	110	150		343	280	259	250	239	229	217	200	182	161	5"	165	2216	6"
SM8L14A	60149253	132	180		370	301	279	269	258	246	234	216	196	174	5"	175	2348	6"

ACCESSORIES
PAG. 603

SM10
10" SUBMERSIBLE PUMPS



Applications
Multistage mixed-flow bore-hole electric pumps for wells with a diameter of 10" or greater capable of developing a wide range of flows and heads. These pumps can be used in a wide range of lifting, distributing and pressuring applications in civili and industrial supplies, autoclaves and tanks, fire-fighting and washing installations and irrigation systems. Pumped liquid: Clean water without solid or abrasive particles.
Max. quantity of sand: 50g/m^3
Maximum water temperature: refers to the maximum temperature that the motor can tolerate.
Construction features of pump
Mixed-flow pumps with external in cast-iron, impellers in cast-iron or bronze. The impellers are dynamically balanced and splined to the shaft with key drive. The shaft is driven by coaxial bearing bushes and fully protected by sleeves to ease disassembling.

The pumps are provided with a built-in non returne valve, threaded, and low friction losses. Delivery outlet flanged and threaded. Coupling with 6" or 8" motor depending on the power requested by hydraulic part
6GF: 6" canned submersible motor
TR6: 6" rewindable submersible motors
TR8: 8" rewindable submersible motors
TR10: 10" rewindable submersible motors
TR12: 12" rewindable submersible motors
For inverter application refer to the motor specification.
On request:
- Pump body: Stainless steel microcasted AISI 316 for aggressive water application
- Impellers: Stainless steel microcasted AISI 316 or bronze.
- Version without Non-returne valve for horizontal application.
- Non-standard pump/motor coupling.

TECHNICAL DATA - SM10E Direct Starting

6GF MOTOR DETAIL pag. 593 / TR6 pag. 595
TR8 pag. 597 / TR10 pag. 599

MODEL	HYDRAULIC PART CODE	MOTOR CODE	ELECTRICAL DATA			HYDRAULIC DATA										DNM mm	WEIGHT KG	H mm	Operating by inverter	Horizontal instal.
			P2 NOMINAL		In 400 V (A)	Q=m^{3}h	0	80	100	120	140	150	160	170	180	190					
			kW	HP		Q=l/min	0	1333	1667	2000	2333	2500	2667	2833	3000	3167					
SM10E1L + 6GF 9,2 KW	60149271	0612500	9,2	12,5	22		32	25	23	20	17	15	13	11			150	118,6	1423	●	●
SM10E1F + 6GF 11 KW	60149272	0615000	11	15	25,5		35	28	26	24	21	19	17	16	14		150	123	1468	●	●
SM10E1A + 6GF 15 KW	60149273	0620000	15,0	20	33,4		38	31	30	28	25	24	22	21	19	17	150	129	1523	●	●
SM10E2G + 6GF 22 KW	60149274	0630000	22,0	30	47		68	53	49	44	39	35	31	27			150	161,6	1823	●	●
SM10E2A + 6GF 30 KW	60149275	0640000	30,0	40	61,5		76	63	60	56	51	48	45	42	38	34	150	177,8	1953	●	●
SM10E3L + 6GF 30 KW	60149276	0640000	30,0	40	61,5		98	76	70	62	53	47	41	34			150	198,8	2118	●	●
SM10E3F + 6GF 37 KW	60149277	0650000	37,0	50	79,5		108	87	81	74	65	60	54	48	42		150	210,8	2248	●	●
SM10E3A + TR8 45 KW	60149278	60144582	45,0	60	92		117	97	92	86	78	74	69	64	58	52	150	291	2366	O	●
SM10E4G + TR8 45 KW	60149279	60144582	45,0	60	92	H (mt)	138	108	100	91	79	72	64	56			150	312	2531	O	●
SM10E4D + TR8 55 KW	60149280	60144583	55,0	75	109		152	122	114	106	94	87	80	72	63	55	150	327	2611	O	●
SM10E4A + TR8 55 KW	60149282	60144583	55,0	75	109		156	129	123	114	104	98	92	85	77	69	150	327	2611	O	●
SM10E5D + TR8 63 KW	60149283	60144584	63,0	85	126		190	152	143	132	118	109	100	90	79	69	150	374	2916	O	●
SM10E5A + TR8 75 KW	60149284	60144585	75,0	100	145		195	161	153	143	130	123	115	106	96	86	150	393	3016	O	●
SM10E6D + TR8 75 KW	60149285	60144585	75,0	100	145		228	182	171	158	142	131	120	108	95	83	150	414	3181	O	●
SM10E6A + TR8 92 KW	60149286	60144586	92	125	144		234	194	184	171	156	147	137	128	116	103	150	460	3421	O	●
SM10E7A + TR8 110 KW	60149292	60144587	110	150	213		273	226	215	200	182	172	160	149	135	120	150	531	3816	O	O
SM10E8A + TR10 132 KW	60149293	60146795	132	180	257		312	258	245	228	208	196	183	170	154	137	150	655	3791	O	●

● allowed
o on demand

TECHNICAL DATA - SM10E hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA										DNM mm	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m^{3}h	0	80	100	120	140	150	160	170	180	190				
		kW	HP	Q=l/min	0	1333	1667	2000	2333	2500	2667	2833	3000	3167				
SM10E1L	60149271	9,2	12,5		32	25	23	20	17	15	13	11			150	70	738	6"
SM10E1F	60149272	11,0	15,0		35	28	26	24	21	19	17	16	14		150	70	738	6"
SM10E1A	60149273	15,0	20,0		38	31	30	28	25	24	22	21	19	17	150	70	738	6"
SM10E2G	60149274	22,0	30,0		68	53	49	44	39	35	31	27			150	91	903	6"
SM10E2A	60149275	30,0	40,0		76	63	60	56	51	48	45	42	38	34	150	91	903	6"
SM10E3L	60149276	30,0	40,0		98	76	70	62	53	47	41	34			150	112	1068	6"
SM10E3F	60149277	37,0	50,0		108	87	81	74	65	60	54	48	42		150	112	1068	6"
SM10E3A	60149278	45,0	60,0		117	97	92	86	78	74	69	64	58	52	150	114	1096	8"
SM10E4G	60149279	45,0	60,0	H (mt)	138	108	100	91	79	72	64	56			150	135	1261	8"
SM10E4D	60149280	55,0	75,0		152	122	114	106	94	87	80	72	63	55	150	135	1261	8"
SM10E4A	60149282	55,0	75,0		156	129	123	114	104	98	92	85	77	69	150	135	1261	8"
SM10E5D	60149283	63,0	85,0		190	152	143	132	118	109	100	90	79	69	150	156	1426	8"
SM10E5A	60149284	75,0	100,0		195	161	153	143	130	123	115	106	96	86	150	156	1426	8"
SM10E6D	60149285	75,0	100,0		228	182	171	158	142	131	120	108	95	83	150	177	1591	8"
SM10E6A	60149286	92,0	125,0		234	194	184	171	156	147	137	128	116	103	150	177	1591	8"
SM10E7A	60149292	110,0	150,0		273	226	215	200	182	172	160	149	135	120	150	198	1756	8"
SM10E8A	60149293	132,0	180,0		312	258	245	228	208	196	183	170	154	137	150	220	1921	10"

DAB PUMPS reserves the right to make modifications without notice

TECHNICAL DATA - SM10G Direct Starting

6GF MOTOR DETAIL pag. 593 / TR6 pag. 595
TR8 pag. 597 / TR10 pag. 599

MODEL	HYDRAULIC PART CODE	MOTOR CODE	ELECTRICAL DATA			HYDRAULIC DATA										DNM mm	WEIGHT KG	H mm	Operating by inverter	Horizontal instal.
			P2 NOMINAL		In 400 V (A)	Q=m³h	0	90	100	120	140	160	180	200	220	240					
			kW	HP		Q=l/min	0	1500	1667	2000	2333	2667	3000	3333	3667	4000					
SM10G1N + 6GF 11 KW	60149318	0615000	11	15	25,5		31	23	22	21	19	17	15	12	8	5	150	123	1468	●	●
SM10G1G + 6GF 15 KW	60149319	0620000	15,0	20	33,4		36	27	26	25	23	21	20	17	14	11	150	129	1523	●	●
SM10G1A + 6GF 18,5 KW	60149320	0625000	18,5	25	41		42	34	33	31	29	28	26	24	21	18	150	137	1598	●	●
SM10G2L + 6GF 22 KW	60149321	0630000	22,0	30	47		68	51	49	46	42	39	34	29	23	15	150	161,6	1823	●	●
SM10G2F + 6GF 30 KW	60149329	0640000	30,0	40	61,5		78	60	58	54	51	48	44	39	34	28	150	177,8	1953	●	●
SM10G2A + 6GF 37 KW	60149330	0650000	37,0	50	79,5		84	69	67	63	60	56	53	48	43	36	150	189,8	2083	●	●
SM10G3F + TR8 45 KW	60149331	60144582	45,0	60	92		119	92	89	83	78	73	68	60	52	42	150	291	2366	o	●
SM10G3A + TR8 55 KW	60149332	60144583	55,0	75	109		129	105	102	97	91	86	81	74	66	56	150	306	2446	o	●
SM10G4F + TR8 55 KW	60149333	60144583	55,0	75	109	H (mt)	159	123	118	111	104	98	90	80	70	56	150	327	2611	o	●
SM10G4A + TR8 75 KW	60149334	60144585	75,0	100	145		172	140	136	129	122	115	108	99	88	74	150	372	2851	o	●
SM10G5F + TR8 75 KW	60149335	60144585	75,0	100	145		199	154	148	139	131	122	113	101	87	71	150	393	3016	o	●
SM10G5A + TR8 92 KW	60149336	60144586	92	125	144		215	175	171	161	152	144	135	124	110	93	150	439	3256	o	●
SM10G6F + TR8 92 KW	60149337	60144586	92	125	144		239	185	179	167	157	146	135	121	104	85	150	460	3421	o	●
SM10G6D + TR8 110 KW	60149338	60144587	110	150	213		248	196	191	179	169	160	149	135	118	98	150	510	3651	o	o
SM10G6A + TR8 110 KW	60149339	60144587	110	150	213		258	210	205	193	182	172	161	148	131	112	150	510	3651	o	o
SM10G7D + TR10 132 KW	60149340	60146795	132	180	257		290	228	222	209	197	186	174	158	138	114	150	633	3626	o	●
SM10G7A + TR10 132 KW	60149341	60146795	132	180	257		301	245	239	225	213	201	188	173	153	130	150	633	3626	o	●

● allowed
o on demand

TECHNICAL DATA - SM10G hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA											DNM mm	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0	90	100	120	140	160	180	200	220	240				
		kW	HP	Q=l/min	0	1500	1667	2000	2333	2667	3000	3333	3667	4000				
SM10G1N	60149318	11,0	15,0		31	23	22	21	19	17	15	12	8	5	150	70	738	6"
SM10G1G	60149319	13,0	17,5		36	27	26	25	23	21	20	17	14	11	150	70	738	6"
SM10G1A	60149320	18,5	25,0		42	34	33	31	29	28	26	24	21	18	150	70	738	6"
SM10G2L	60149321	22,0	30,0		68	51	49	46	42	39	34	29	23	15	150	91	903	6"
SM10G2F	60149329	30,0	40,0		78	60	58	54	51	48	44	39	34	28	150	91	903	6"
SM10G2A	60149330	37,0	50,0		84	69	67	63	60	56	53	48	43	36	150	91	903	6"
SM10G3F	60149331	45,0	60,0		119	92	89	83	78	73	68	60	52	42	150	114	1096	8"
SM10G3A	60149332	55,0	75,0		129	105	102	97	91	86	81	74	66	56	150	114	1096	8"
SM10G4F	60149333	55,0	75,0	H (mt)	159	123	118	111	104	98	90	80	70	56	150	135	1261	8"
SM10G4A	60149334	75,0	100,0		172	140	136	129	122	115	108	99	88	74	150	135	1261	8"
SM10G5F	60149335	75,0	100,0		199	154	148	139	131	122	113	101	87	71	150	156	1426	8"
SM10G5A	60149336	92,0	125,0		215	175	171	161	152	144	135	124	110	93	150	156	1426	8"
SM10G6F	60149337	92,0	125,0		239	185	179	167	157	146	135	121	104	85	150	177	1591	8"
SM10G6D	60149338	110,0	150,0		248	196	191	179	169	160	149	135	118	98	150	177	1591	8"
SM10G6A	60149339	110,0	150,0		258	210	205	193	182	172	161	148	131	112	150	177	1591	8"
SM10G7D	60149340	132,0	180,0		290	228	222	209	197	186	174	158	138	114	150	198	1756	10"
SM10G7A	60149341	132,0	180,0		301	245	239	225	213	201	188	173	153	130	150	198	1756	10"

TECHNICAL DATA - SM10H Direct Starting

6GF MOTOR DETAIL pag. 593 / TR6 pag. 595
TR8 pag. 597 / TR10 pag. 599

MODEL	HYDRAULIC PART CODE	MOTOR CODE	ELECTRICAL DATA			HYDRAULIC DATA										DNM mm	WEIGHT KG	H mm	Operating by inverter	Horizontal instal.
			P2 NOMINAL		In 400 V (A)	Q=m³h	0	100	120	140	160	180	200	220	240	260					
			kW	HP		Q=l/min	0	1667	2000	2333	2667	3000	3333	3667	4000	4333					
SM10H1L + 6GF 15 KW	60149294	0620000	15,0	20	33,4	H (mt)	34	27	26	25	24	23	21	19	16	13	150	129	1523	●	●
SM10H1F + 6GF 18,5 KW	60149295	0625000	18,5	25	41		38	31	30	29	28	27	25	23	21	18	150	137	1598	●	●
SM10H1A + 6GF 30 KW	60149296	0640000	30,0	40	61,5		42	36	35	33	32	31	29	28	26	24	150	156,8	1788	●	●
SM10H2N + 6GF 30 KW	60149297	0640000	30,0	40	61,5		63	50	48	45	44	41	37	33	26	20	150	177,8	1953	●	●
SM10H2L + 6GF 30 KW	60149298	0640000	30,0	40	61,5		68	55	52	50	48	46	43	39	33	26	150	177,8	1953	●	●
SM10H2F + 6GF 37 KW	60149299	0650000	37,0	50	79,5		76	64	61	59	56	54	51	47	43	37	150	189,8	2083	●	●
SM10H2A + TR8 55 KW	60149300	60144583	55,0	75	109		84	72	70	67	64	62	59	56	53	48	150	285	2281	o	●
SM10H3G + TR8 55 KW	60149301	60144583	55,0	75	109		111	92	88	84	81	77	72	66	58	49	150	306	2446	o	●
SM10H3F + TR8 55 KW	60149303	60144583	55,0	75	109		117	97	94	90	86	82	78	72	65	56	150	306	2446	o	●
SM10H3A + TR8 75 KW	60149304	60144585	75,0	100	145		129	111	107	102	98	95	91	86	81	74	150	351	2686	o	●
SM10H4F + TR8 75 KW	60149305	60144585	75,0	100	145		156	130	125	120	115	110	103	96	87	75	150	372	2851	o	●
SM10H5G + TR8 92 KW	60149306	60144586	92	125	144		185	154	147	141	135	128	120	110	97	82	150	439	3256	o	●
SM10H5F + TR8 92 KW	60149307	60144586	92	125	144		195	162	156	150	144	137	129	120	109	94	150	439	3256	o	●
SM10H5D + TR8 110 KW	60149309	60144587	110	150	213		201	171	165	158	151	145	139	132	122	109	150	489	3486	o	o
SM10H6F + TR10 132 KW	60149310	60146795	132	180	257		234	194	187	180	173	165	155	144	130	113	150	614	3461	o	●
SM10H6D + TR10 132 KW	60149311	60146795	132	180	257		241	205	198	189	181	174	167	158	146	131	150	614	3461	o	●
SM10H7F + TR10 132 KW	60149312	60146795	132	180	257		273	227	218	210	201	192	181	168	152	131	150	635	3626	o	●
SM10H7D + TR10 147 KW	60149313	60146796	147	200	300		281	239	231	221	211	203	195	184	170	152	150	700	3826	o	●
SM10H7A + TR10 170 KW	60149317	60146843	170	230	348		300	258	249	239	229	221	211	201	189	172	150	740	3976	●	●

● allowed
o on demand

TECHNICAL DATA - SM10H hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA											DNM mm	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0	100	120	140	160	180	200	220	240	260				
		kW	HP	Q=l/min	0	1667	2000	2333	2667	3000	3333	3667	4000	4333				
SM10H1L	60149294	15,0	20,0	H (mt)	34	27	26	25	24	23	21	19	16	13	150	70	738	6"
SM10H1F	60149295	18,5	25,0		38	31	30	29	28	27	25	23	21	18	150	70	738	6"
SM10H1A	60149296	26,0	35,0		42	36	35	33	32	31	29	28	26	24	150	70	738	6"
SM10H2N	60149297	26,0	35,0		63	50	48	45	44	41	37	33	26	20	150	91	903	6"
SM10H2L	60149298	30,0	40,0		68	55	52	50	48	46	43	39	33	26	150	91	903	6"
SM10H2F	60149299	37,0	50,0		76	64	61	59	56	54	51	47	43	37	150	91	903	6"
SM10H2A	60149300	55,0	75,0		84	72	70	67	64	62	59	56	53	48	150	93	931	8"
SM10H3G	60149301	55,0	75,0		111	92	88	84	81	77	72	66	58	49	150	114	1096	8"
SM10H3F	60149303	55,0	75,0		117	97	94	90	86	82	78	72	65	56	150	114	1096	8"
SM10H3A	60149304	75,0	100,0		129	111	107	102	98	95	91	86	81	74	150	114	1096	8"
SM10H4F	60149305	75,0	100,0		156	130	125	120	115	110	103	96	87	75	150	135	1261	8"
SM10H5G	60149306	92,0	125,0		185	154	147	141	135	128	120	110	97	82	150	156	1426	8"
SM10H5F	60149307	92,0	125,0		195	162	156	150	144	137	129	120	109	94	150	156	1426	8"
SM10H5D	60149309	110,0	150,0		201	171	165	158	151	145	139	132	122	109	150	156	1426	10"
SM10H6F	60149310	132,0	180,0		234	194	187	180	173	165	155	144	130	113	150	179	1591	10"
SM10H6D	60149311	132,0	180,0		241	205	198	189	181	174	167	158	146	131	150	179	1591	10"
SM10H7F	60149312	132,0	180,0		273	227	218	210	201	192	181	168	152	131	150	200	1756	10"
SM10H7D	60149313	147,0	200,0		281	239	231	221	211	203	195	184	170	152	150	200	1756	10"
SM10H7A	60149317	170,0	230,0		300	258	249	239	229	221	211	201	189	172	150	200	1756	10"

DAB PUMPS reserves the right to make modifications without notice

TECHNICAL DATA - SM10L Direct Starting

MOTOR DETAIL 6GF pag. 593 / TR6 pag. 595
TR8 pag. 597 / TR10 pag. 599 / TR12 pag. 601

MODEL	HYDRAULIC PART CODE	MOTOR CODE	ELECTRICAL DATA			HYDRAULIC DATA										DNM mm	WEIGHT KG	H mm	Operating by inverter	Horizontal instal.
			P2 NOMINAL		In 400 V (A)	Q=m³h	0	160	180	220	260	280	300	320	340	360					
			kW	HP		Q=l/min	0	2667	3000	3667	4333	4667	5000	5333	5667	6000					
SM10L1G + 6GF 30 KW	60149342	0640000	30,0	40	61,5	H (mt)	35	28	27	26	23	21	19	17	15	12	150	156,8	1788	●	●
SM10L1A + 6GF 30 KW	60149343	0640000	30,0	40	61,5		41	34	33	31	29	27	26	23	21	18	150	156,8	1788	●	●
SM10L2N + 6GF 37 KW	60149357	0650000	37,0	50	79,5		63	49	48	45	39	35	30	25			150	189,8	2083	●	●
SM10L2G + TR8 45 KW	60149358	60144582	45,0	60	92		72	57	55	52	47	43	39	35	29	23	150	270	2201	o	●
SM10L2A + TR8 63 KW	60149359	60144584	63,0	85	126		82	69	67	63	58	55	52	47	42	36	150	311	2421	o	●
SM10L3L + TR8 63 KW	60149360	60144584	63,0	85	126		106	81	79	74	66	60	53	45	36		150	332	2586	o	●
SM10L3F + TR8 75 KW	60149361	60144585	75,0	100	145		116	95	92	86	78	72	66	59	51	41	150	351	2686	o	●
SM10L3A + TR8 92 KW	60149362	60144586	92	125	144		126	106	103	97	89	85	79	72	64	55	150	397	2926	o	●
SM10L4G + TR8 92 KW	60149363	60144586	92	125	144		146	117	113	106	96	88	80	71	60	48	150	418	3091	o	●
SM10L4D + TR8 110 KW	60149364	60144587	110	150	213		157	132	129	121	112	104	96	88	77	64	150	468	3321	o	o
SM10L4A + TR10 132 KW	60149365	60146795	132	180	257		168	141	137	129	119	113	105	96	85	73	150	570	3131	o	●
SM10L5G + TR10 110 KW	60149366	60144587	110	150	213		183	146	142	133	120	110	100	89	75	60	150	491	3486	o	●
SM10L5D + TR10 132 KW	60149367	60146795	132	180	257		197	166	161	151	140	130	120	110	96	80	150	593	3296	o	●
SM10L6G + TR10 132 KW	60149368	60146795	132	180	257		219	175	170	159	143	132	120	106	90	72	150	614	3461	o	●
SM10L7L + TR10 147 KW	60149369	60146796	147	200	300		248	190	183	172	154	140	124	105	84		150	700	3826	o	●
SM10L7F + TR10 170 KW	60149370	60146843	170	230	348		270	221	214	201	182	169	154	137	119	95	150	740	3976	●	●
SM10L7D + TR10 190 KW	60149371	60146844	190	260	405		275	232	225	211	195	182	168	154	134	112	150	780	4156	●	o
SM10L7A + TR12 220 KW	60149372	60146900	220	300	424		294	246	240	225	209	197	184	167	148	127	150	906	3891	o	●

● allowed
o on demand

TECHNICAL DATA - SM10L hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA											DNM mm	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0	160	180	220	260	280	300	320	340	360				
		kW	HP	Q=l/min	0	2667	3000	3667	4333	4667	5000	5333	5667	6000				
SM10L1G	60149342	26,0	35,0	H (mt)	35	28	27	26	23	21	19	17	15	12	150	70	738	6"
SM10L1A	60149343	30,0	40,0		41	34	33	31	29	27	26	23	21	18	150	70	738	6"
SM10L2N	60149357	37,0	50,0		63	49	48	45	39	35	30	25			150	91	903	6"
SM10L2G	60149358	45,0	60,0		72	57	55	52	47	43	39	35	29	23	150	93	931	8"
SM10L2A	60149359	63,0	85,0		82	69	67	63	58	55	52	47	42	36	150	93	931	8"
SM10L3L	60149360	63,0	85,0		106	81	79	74	66	60	53	45	36		150	114	1096	8"
SM10L3F	60149361	75,0	100,0		116	95	92	86	78	72	66	59	51	41	150	114	1096	8"
SM10L3A	60149362	92,0	125,0		126	106	103	97	89	85	79	72	64	55	150	114	1096	8"
SM10L4G	60149363	92,0	125,0		146	117	113	106	96	88	80	71	60	48	150	135	1261	8"
SM10L4D	60149364	110,0	150,0		157	132	129	121	112	104	96	88	77	64	150	135	1261	8"
SM10L4A	60149365	132,0	180,0		168	141	137	129	119	113	105	96	85	73	150	135	1261	10"
SM10L5G	60149366	110,0	150,0		183	146	142	133	120	110	100	89	75	60	150	158	1426	10"
SM10L5D	60149367	132,0	180,0		197	166	161	151	140	130	120	110	96	80	150	158	1426	10"
SM10L6G	60149368	132,0	180,0		219	175	170	159	143	132	120	106	90	72	150	179	1591	10"
SM10L7L	60149369	147,0	200,0		248	190	183	172	154	140	124	105	84		150	200	1756	10"
SM10L7F	60149370	170,0	230,0		270	221	214	201	182	169	154	137	119	95	150	200	1756	10"
SM10L7D	60149371	190,0	260,0		275	232	225	211	195	182	168	154	134	112	150	200	1756	10"
SM10L7A	60149372	220,0	300,0		294	246	240	225	209	197	184	167	148	127	150	206	1781	12"

ACCESSORIES
PAG. 603

SM12
12" SUBMERSIBLE PUMPS



Applications
Multistage mixed-flow bore-hole electric pumps for wells with a diameter of 12" or greater capable of developing a wide range of flows and heads. These pumps can be used in a wide range of lifting, distributing and pressuring applications in civili and industrial supplies, autoclaves and tanks, fire-fighting and washing installations and irrigation systems. Pumped liquid: Clean water without solid or abrasive particles.
Max. quantity of sand: 50g/m³
Maximum water temperature: refers to the maximum temperature that the motor can tolerate.
Construction features of pump
Mixed-flow pumps with external in cast-iron, impellers in bronze. The impellers are dynamically balanced and splined to the shaft with key drive. The shaft is driven by coaxial bearing bushes and fully protected by sleeves to ease disassembling. The pumps are provided with a built-in non returne valve, threaded, and low friction losses. Delivery outlet flanged and threaded. Coupling with 6" or 8" motor depending on the power requested by hydraulic part
TR6: 6" rewindable submersible motors.
TR8: 8" rewindable submersible motors
TR10: 10" rewindable submersible motors
TR12: 12" rewindable submersible motors
For inverter application refer to the motor specification
On request:
- Pump body: Stainless steel microcasted AISI 316 for aggressive water application
- Impellers: bronze.
- Version without Non-returne valve for horizontal application.
- Non-standard pump/motor coupling

TECHNICAL DATA - SM12E Direct Starting

MOTOR DETAIL : TR6 pag. 595 / TR8 pag. 597
TR10 pag. 599 / TR12 pag. 601

MODEL	HYDRAULIC PART CODE	MOTOR CODE	ELECTRICAL DATA			HYDRAULIC DATA										DNM mm	WEIGHT KG	H mm	Operating by inverter	Horizontal instal.
			P2 NOMINAL		In	Q=m³h	0	140	160	200	220	240	260	280	300	320					
			kW	HP	400 V (A)	Q=l/min	0	2333	2667	3333	3667	4000	4333	4667	5000	5333					
SM12E1F + TR8 30 KW	60149375	60144580	30,0	40	61	H (mt)	44	33	31	27	25	23	20	16	11		175	241	1891	o	●
SM12E1A + TR8 30 KW	60149376	60144580	30,0	40	61		48	37	35	32	30	28	25	22	18	13	175	249	1931	o	●
SM12E2L + TR8 37 KW	60149377	60144581	37,0	50	75		78	55	53	45	41	35	29	22			175	298	2221	o	●
SM12E2F + TR8 45 KW	60149378	60144582	45,0	60	92		88	66	63	55	51	46	40	32	23		175	319	2331	o	●
SM12E2A + TR8 55 KW	60149379	60144583	55,0	75	109		97	74	71	64	61	56	51	44	36	27	175	334	2411	o	●
SM12E3F + TR8 63 KW	60149380	60144584	63,0	85	126		135	101	96	85	78	70	61	50	35		175	387	2731	o	●
SM12E3D + TR8 75 KW	60149381	60144585	75,0	100	145		140	106	102	92	85	78	69	59	45	29	175	406	2831	o	●
SM12E3A + TR8 92 KW	60149382	60144586	92	125	177		148	113	109	98	93	86	78	67	55	42	175	452	3071	o	●
SM12E4D + TR8 92 KW	60149383	60144586	92	125	177		187	142	136	122	113	104	92	79	60	39	175	479	3251	o	●
SM12E4A + TR8 110 KW	60149384	60144587	110	150	213		197	151	145	131	124	114	103	89	73	55	175	529	3481	o	o
SM12E5D + TR8 110 KW	60149385	60144587	110	150	213		234	177	170	153	142	130	116	99	75	49	175	556	3661	o	o
SM12E5A + TR10 132 KW	60149386	60146795	132	180	257		247	189	182	164	155	143	129	111	92	69	175	663	3471	o	●
SM12E6D + TR10 147 KW	60149387	60146796	147	200	300		281	213	204	183	170	156	139	118	90	59	175	755	3851	o	●
SM12E7F + TR10 147 KW	60149388	60146796	147	200	300		315	236	223	197	182	163	141	116	81		175	782	4031	o	●
SM12E7D + TR10 170 KW	60149389	60146843	170	230	348		327	248	238	214	198	182	162	138	105	69	175	822	4181	o	●
SM12E8F + TR10 170 KW	60149394	60146843	170	230	348		360	270	255	226	208	186	162	132	92		175	849	4361	●	●
SM12E8D + TR10 190 KW	60149395	60146844	190	260	405		374	284	272	244	226	208	185	158	120	78	175	889	4541	●	o
SM12E8A + TR12 220 KW	60149396	60146900	220	300	424		394	302	290	262	247	229	206	178	146	111	175	1019	4277	●	o
SM12E9A + TR12 250 KW	60149397	60146901	250	340	481		444	340	327	295	278	257	232	200	165	125	175	1121	4627	●	o

● allowed
o on demand

TECHNICAL DATA - SM12E hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA											DNM mm	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOM. RICHIESTA		Q=m³h	0	140	160	200	220	240	260	280	300	320				
		kW	HP	Q=l/min	0	2333	2667	3333	3667	4000	4333	4667	5000	5333				
SM12E1F	60149375	22	30	H (mt)	44	33	31	27	25	23	20	16	11		175	115	881	8"
SM12E1A	60149376	26	35		48	37	35	32	30	28	25	22	18	13	175	115	881	8"
SM12E2L	60149377	37	50		78	55	53	45	41	35	29	22			175	142	1061	8"
SM12E2F	60149378	45	60		88	66	63	55	51	46	40	32	23		175	142	1061	8"
SM12E2A	60149379	55	75		97	74	71	64	61	56	51	44	36	27	175	142	1061	8"
SM12E3F	60149380	63	85		135	101	96	85	78	70	61	50	35		175	169	1241	8"
SM12E3D	60149381	75	100		140	106	102	92	85	78	69	59	45	29	175	169	1241	8"
SM12E3A	60149382	92	125		148	113	109	98	93	86	78	67	55	42	175	169	1241	8"
SM12E4D	60149383	92	125		187	142	136	122	113	104	92	79	60	39	175	196	1421	8"
SM12E4A	60149384	110	150		197	151	145	131	124	114	103	89	73	55	175	196	1421	8"
SM12E5D	60149385	110	150		234	177	170	153	142	130	116	99	75	49	175	223	1601	8"
SM12E5A	60149386	132	180		247	189	182	164	155	143	129	111	92	69	175	228	1601	10"
SM12E6D	60149387	147	200		281	213	204	183	170	156	139	118	90	59	175	255	1781	10"
SM12E7F	60149388	147	200		315	236	223	197	182	163	141	116	81		175	282	1961	10"
SM12E7D	60149389	170	230		327	248	238	214	198	182	162	138	105	69	175	282	1961	10"
SM12E8F	60149394	170	230		360	270	255	226	208	186	162	132	92		175	309	2141	10"
SM12E8D	60149395	190	260		374	284	272	244	226	208	185	158	120	78	175	309	2141	10"
SM12E8A	60149396	220	300		394	302	290	262	247	229	206	178	146	111	175	319	2167	12"
SM12E9A	60149397	250	340		444	340	327	295	278	257	232	200	165	125	175	346	2347	12"

DAB PUMPS reserves the right to make modifications without notice

TECHNICAL DATA - SM12G Direct Starting

MOTOR DETAIL : TR6 pag. 595 / TR8 pag. 597
TR10 pag. 599 / TR12 pag. 601

MODEL	HYDRAULIC PART CODE	MOTOR CODE	ELECTRICAL DATA			HYDRAULIC DATA										DNM mm	WEIGHT KG	H mm	Operating by inverter	Horizontal instal.
			P2 NOMINAL		In 400 V (A)	Q=m³h	0	160	200	240	260	280	300	320	340	360					
			kW	HP		Q=l/min	0	2667	3333	4000	4333	4667	5000	5333	5667	6000					
SM12G1G + TR8 30 KW	60149398	60144580	30,0	40	61		43	31	28	25	24	22	19	17	14		175	241	1891	o	●
SM12G1F + TR8 30 KW	60149420	60144580	30,0	40	61		47	33	30	28	26	25	23	20	17	15,0	175	249	1931	o	●
SM12G1D + TR8 30 KW	60149421	60144580	30,0	40	61		49	36	33	30	29	27	25	23	20	17	175	261	1991	o	●
SM12G1A + TR8 37 KW	60149422	60144581	37,0	50	75		52	38	35	32	31	29	27	25	23	20	175	271	2041	o	●
SM12G2N + TR8 37 KW	60149423	60144581	37,0	50	75		74	52	47	41	37	32	27	21	15		175	298	2221	o	●
SM12G2G + TR8 45 KW	60149424	60144582	45,0	60	92		87	62	57	51	48	44	39	34	28		175	319	2331	o	●
SM12G2D + TR8 55 KW	60149425	60144583	55,0	75	109		100	72	66	61	58	55	51	46	41	35	175	334	2411	o	●
SM12G2A + TR8 63 KW	60149426	60144584	63,0	85	126		104	76	70	65	62	59	55	51	46	41	175	360	2551	o	●
SM12G3F + TR8 75 KW	60149427	60144585	75,0	100	145		145	103	94	87	82	76	70	63	54	45	175	406	2831	o	●
SM12G3A + TR8 92 KW	60149428	60144586	92	125	177	H (mt)	160	116	107	99	95	90	85	78	71	63	175	452	3071	o	●
SM12G4D + TR8 110 KW	60149429	60144587	110	150	213		204	147	134	124	118	112	104	94	84	72	175	529	3481	o	o
SM12G4A + TR10 132 KW	60149430	60146795	132	180	257		213	155	143	132	126	120	113	104	94	84	175	631	3291	o	●
SM12G6G + TR10 132 KW	60149431	60146795	132	180	257		268	191	174	157	147	134	120	104	87		175	690	3651	o	●
SM12G6F + TR10 147 KW	60149432	60146796	147	200	300		291	206	187	174	164	152	140	126	108	90	175	755	3851	o	●
SM12G6D + TR10 170 KW	60149433	60146843	170	230	348		306	220	202	186	177	168	156	142	126	108	175	795	4001	●	●
SM12G7D + TR10 190 KW	60149435	60146844	190	260	405		357	257	235	217	207	196	182	165	147	126	175	835	4181	●	o
SM12G7A + TR12 220 KW	60149436	60146900	220	300	424		372	272	251	231	221	210	197	182	165	147	175	862	4361	●	o
SM12G8A + TR12 250 KW	60149437	60146901	250	340	481		426	310	286	264	252	240	226	208	188	168	175	992	4097	●	o

● allowed
o on demand

TECHNICAL DATA - SM12G hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA											DNM mm	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0	160	200	240	260	280	300	320	340	360				
		kW	HP	Q=l/min	0	2667	3333	4000	4333	4667	5000	5333	5667	6000				
SM12G1G	60149398	22	30		43	31	28	25	24	22	19	17	14		175	115	881	8"
SM12G1F	60149420	26	35		47	33	30	28	26	25	23	20	17	15,0	175	115	881	8"
SM12G1D	60149421	30	40		49	36	33	30	29	27	25	23	20	17	175	115	881	8"
SM12G1A	60149422	37	50		52	38	35	32	31	29	27	25	23	20	175	115	881	8"
SM12G2N	60149423	37	50		74	52	47	41	37	32	27	21	15		175	142	1061	8"
SM12G2G	60149424	45	60		87	62	57	51	48	44	39	34	28		175	142	1061	8"
SM12G2D	60149425	55	75		100	72	66	61	58	55	51	46	41	35	175	142	1061	8"
SM12G2A	60149426	63	85		104	76	70	65	62	59	55	51	46	41	175	142	1061	8"
SM12G3F	60149427	75	100		145	103	94	87	82	76	70	63	54	45	175	169	1241	8"
SM12G3A	60149428	92	125	H (mt)	160	116	107	99	95	90	85	78	71	63	175	169	1241	8"
SM12G4D	60149429	110	150		204	147	134	124	118	112	104	94	84	72	175	196	1421	10"
SM12G4A	60149430	132	180		213	155	143	132	126	120	113	104	94	84	175	196	1421	10"
SM12G6G	60149431	132	180		268	191	174	157	147	134	120	104	87		175	255	1781	10"
SM12G6F	60149432	147	200		291	206	187	174	164	152	140	126	108	90	175	255	1781	10"
SM12G6D	60149433	170	230		306	220	202	186	177	168	156	142	126	108	175	255	1781	10"
SM12G7D	60149435	190	260		357	257	235	217	207	196	182	165	147	126	175	255	1781	10"
SM12G7A	60149436	220	300		372	272	251	231	221	210	197	182	165	147	175	282	1961	12"
SM12G8A	60149437	250	340		426	310	286	264	252	240	226	208	188	168	175	292	1987	12"

TECHNICAL DATA - SM12H Direct Starting

MOTOR DETAIL : TR6 pag. 595 / TR8 pag. 597
TR10 pag. 599 / TR12 pag. 601

MODEL	HYDRAULIC PART CODE	MOTOR CODE	ELECTRICAL DATA			HYDRAULIC DATA										DNM mm	WEIGHT KG	H mm	Operating by inverter	Horizontal instal.
			P2 NOMINAL		In 400 V (A)	Q=m³h	0	200	250	300	320	340	360	380	400	420					
			kW	HP		Q=l/min	0	3333	4167	5000	5333	5667	6000	6333	6667	7000					
SM12H1N + TR8 30 KW	60149438	60144580	30,0	40	61	H (mt)	36	27	24	21	19	17	14	12	9		175	249	1931	o	●
SM12H1L + TR8 30 KW	60149439	60144580	30,0	40	61		40	29	27	24	22	20	18	16	12		175	261	1991	o	●
SM12H1D + TR8 37 KW	60149445	60144581	37,0	50	75		48	36	34	32	30	29	27	25	22		175	271	2041	o	●
SM12H1A + TR8 45 KW	60149446	60144582	45,0	60	92		49	38	36	34	32	31	29	27	25	23	175	292	2151	o	●
SM12H2N + TR8 55 KW	60149447	60144583	55,0	75	109		73	54	49	43	39	34	29	23	17		175	334	2411	o	●
SM12H2F + TR8 63 KW	60149448	60144584	63,0	85	126		92	69	65	59	57	53	49	45	40		175	360	2551	o	●
SM12H2D + TR8 75 KW	60149449	60144585	75,0	100	145		96	74	69	64	62	58	55	50	45		175	379	2651	o	●
SM12H3N + TR8 75 KW	60149451	60144585	75,0	100	145		112	83	75	66	59	52	45	36	27		175	406	2831	o	●
SM12H3G + TR8 92 KW	60149452	60144586	92	125	177		132	99	92	83	78	72	65	58	50		175	452	3071	o	●
SM12H3D + TR8 110 KW	60149453	60144587	110	150	213		147	113	106	99	94	89	84	77	69		175	502	3301	o	●
SM12H3A + TR10 132 KW	60149454	60146795	132	180	257		151	118	111	104	101	96	91	84	78	70	175	609	3111	o	●
SM12H4G + TR10 132 KW	60149455	60146795	132	180	257		176	131	122	110	104	96	87	77	66		175	636	3291	o	●
SM12H4F + TR10 132 KW	60149456	60146795	132	180	257		188	141	132	121	115	108	101	92	82		175	636	3291	o	●
SM12H4D + TR10 147 KW	60149457	60146796	147	200	300		196	150	141	131	126	119	112	102	92		175	701	3491	o	●
SM12H5G + TR10 147 KW	60149458	60146796	147	200	300		220	164	153	138	130	120	109	97	83		175	728	3671	o	●
SM12H5F + TR10 170 KW	60149459	60146843	170	230	348		235	177	165	152	144	135	126	115	102		175	768	3821	●	●
SM12H5D + TR10 190 KW	60149460	60146844	190	260	405		245	188	176	164	157	149	140	128	116		175	808	4001	●	o
SM12H5A + TR10 190 KW	60149461	60146844	190	260	405		252	197	185	174	168	160	152	141	130	116	175	808	4001	●	o
SM12H6F + TR10 190 KW	60149462	60146844	190	260	405		282	212	198	182	173	162	151	138	122		175	835	4181	●	o
SM12H6D + TR12 220 KW	60149463	60146900	220	300	424		294	225	211	197	188	179	167	153	139		175	965	3917	●	o
SM12H6A + TR12 250 KW	60149464	60146901	250	340	481		302	236	222	209	201	192	182	169	155	139	175	1040	4087	●	o
SM12H7D + TR12 250 KW	60149465	60146901	250	340	481		343	263	246	230	220	209	195	179	162		175	1067	4267	●	o
SM12H8F + TR12 250 KW	60149468	60146901	250	340	481		376	282	264	242	231	216	201	184	163		175	1094	4447	●	o

● allowed
o on demand

TECHNICAL DATA - SM12H hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA											DNM mm	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0	200	250	300	320	340	360	380	400	420				
		kW	HP	Q=l/min	0	3333	4167	5000	5333	5667	6000	6333	6667	7000				
SM12H1N	60149438	26	35	H (mt)	36	27	24	21	19	17	14	12	9		175	115	881	8"
SM12H1L	60149439	30	40		40	29	27	24	22	20	18	16	12		175	115	881	8"
SM12H1D	60149445	37	50		48	36	34	32	30	29	27	25	22		175	115	881	8"
SM12H1A	60149446	45	60		49	38	36	34	32	31	29	27	25	23	175	115	881	8"
SM12H2N	60149447	55	75		73	54	49	43	39	34	29	23	17		175	142	1061	8"
SM12H2F	60149448	63	85		92	69	65	59	57	53	49	45	40		175	142	1061	8"
SM12H2D	60149449	75	100		96	74	69	64	62	58	55	50	45		175	142	1061	8"
SM12H3N	60149451	75	100		112	83	75	66	59	52	45	36	27		175	169	1241	8"
SM12H3G	60149452	92	125		132	99	92	83	78	72	65	58	50		175	169	1241	8"
SM12H3D	60149453	110	150		147	113	106	99	94	89	84	77	69		175	169	1241	8"
SM12H3A	60149454	132	180		151	118	111	104	101	96	91	84	78	70	175	174	1241	10"
SM12H4G	60149455	132	180		176	131	122	110	104	96	87	77	66		175	201	1421	10"
SM12H4F	60149456	132	180		188	141	132	121	115	108	101	92	82		175	201	1421	10"
SM12H4D	60149457	147	200		196	150	141	131	126	119	112	102	92		175	201	1421	10"
SM12H5G	60149458	147	200		220	164	153	138	130	120	109	97	83		175	228	1601	10"
SM12H5F	60149459	170	230		235	177	165	152	144	135	126	115	102		175	228	1601	10"
SM12H5D	60149460	190	260		245	188	176	164	157	149	140	128	116		175	228	1601	10"
SM12H5A	60149461	190	260		252	197	185	174	168	160	152	141	130	116	175	228	1601	10"
SM12H6F	60149462	190	260		282	212	198	182	173	162	151	138	122		175	255	1781	10"
SM12H6D	60149463	220	300		294	225	211	197	188	179	167	153	139		175	265	1807	12"
SM12H6A	60149464	250	340		302	236	222	209	201	192	182	169	155	139	175	265	1807	12"
SM12H7D	60149465	250	340		343	263	246	230	220	209	195	179	162		175	292	1987	12"
SM12H8F	60149468	250	340		376	282	264	242	231	216	201	184	163		175	319	2167	12"

DAB PUMPS reserves the right to make modifications without notice

TECHNICAL DATA - SM12L Direct Starting

MOTOR DETAIL : TR6 pag. 595 / TR8 pag. 597
TR10 pag. 599 / TR12 pag. 601

MODEL	HYDRAULIC PART CODE	MOTOR CODE	ELECTRICAL DATA			HYDRAULIC DATA										DNM mm	WEIGHT KG	H mm	Operating by inverter	Horizontal instal.
			P2 NOMINAL		In 400 V (A)	Q=m³h	0	250	300	340	360	380	400	440	480	510					
			kW	HP		Q=l/min	0	4167	5000	5667	6000	6333	6667	7333	8000	8500					
SM12L1L + TR8 37 KW	60149469	60144581	37,0	50	75		40	30	28	26	25	23	22	17	13		175	271	2041	o	●
SM12L1F + TR8 45 KW	60149470	60144582	45,0	60	92		47	35	33	32	31	30	29	26	21	16	175	292	2151	o	●
SM12L1A + TR8 55 KW	60149471	60144583	55,0	75	109		49	39	37	36	36	35	33	30	26	22	175	307	2231	o	●
SM12L2N + TR8 63 KW	60149472	60144584	63,0	85	126		74	56	51	47	45	42	39	30	19		175	360	2551	o	●
SM12L2L + TR8 75 KW	60149473	60144585	75,0	100	145		81	61	57	53	50	47	44	35	26		175	379	2651	o	●
SM12L2F + TR8 92 KW	60149474	60144586	92	125	177		95	71	67	64	63	61	58	52	42	33	175	425	2891	o	●
SM12L2A + TR8 110 KW	60149475	60144587	110	150	213		100	79	75	73	72	70	67	61	53	44	175	475	3121	o	o
SM12L3L + TR8 110 KW	60149476	60144587	110	150	213		124	93	87	81	77	72	67	54	40		175	502	3301	o	o
SM12L3G + TR10 132 KW	60149477	60146795	132	180	257		134	101	95	89	85	81	78	67	54		175	609	3111	o	●
SM12L3F + TR10 132 KW	60149482	60146795	132	180	257	H (mt)	145	108	102	99	96	93	88	79	65	51	175	609	3111	o	●
SM12L3D + TR10 147 KW	60149483	60146796	147	200	300		149	115	109	104	101	98	95	87	73	60	175	674	3311	o	●
SM12L3A + TR10 170 KW	60149484	60146843	170	230	348		153	121	116	112	110	107	103	94	81	68	175	714	3461	●	●
SM12L4G + TR10 170 KW	60149485	60146843	170	230	348		179	135	126	118	113	108	104	90	72		175	741	3641	●	●
SM12L4F + TR10 170 KW	60149486	60146843	170	230	348		193	144	136	132	128	124	118	106	86	68	175	741	3641	●	●
SM12L4D + TR10 190 KW	60149487	60146844	190	260	405		199	154	145	138	134	130	126	116	97	80	175	781	3821	●	o
SM12L5G + TR10 190 KW	60149488	60146844	190	260	405		224	169	158	148	141	135	130	112	90		175	808	4001	●	o
SM12L5F + TR12 220 KW	60149489	60146900	220	300	424		242	180	171	165	161	155	148	132	108	85	175	928	3711	●	o
SM12L5D + TR12 250 KW	60149490	60146901	250	340	481		249	192	182	173	168	163	158	145	121	100	175	1003	3881	●	o
SM12L6F + TR12 250 KW	60149491	60146901	250	340	481		290	216	205	197	192	186	177	158	130	102	175	1030	4061	●	o

● allowed
o on demand

TECHNICAL DATA - SM12L hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA											DNM mm	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0	250	300	340	360	380	400	440	480	510				
		kW	HP	Q=l/min	0	4167	5000	5667	6000	6333	6667	7333	8000	8500				
SM12L1L	60149469	37	50		40	30	28	26	25	23	22	17	13		175	115	881	8"
SM12L1F	60149470	45	60		47	35	33	32	31	30	29	26	21	16	175	115	881	8"
SM12L1A	60149471	55	75		49	39	37	36	36	35	33	30	26	22	175	115	881	8"
SM12L2N	60149472	63	85		74	56	51	47	45	42	39	30	19		175	142	1061	8"
SM12L2L	60149473	75	100		81	61	57	53	50	47	44	35	26		175	142	1061	8"
SM12L2F	60149474	92	125		95	71	67	64	63	61	58	52	42	33	175	142	1061	8"
SM12L2A	60149475	110	150		100	79	75	73	72	70	67	61	53	44	175	142	1061	8"
SM12L3L	60149476	110	150		124	93	87	81	77	72	67	54	40		175	169	1241	8"
SM12L3G	60149477	132	180		134	101	95	89	85	81	78	67	54		175	174	1241	10"
SM12L3F	60149482	132	180	H (mt)	145	108	102	99	96	93	88	79	65	51	175	174	1241	10"
SM12L3D	60149483	147	200		149	115	109	104	101	98	95	87	73	60	175	174	1241	10"
SM12L3A	60149484	170	230		153	121	116	112	110	107	103	94	81	68	175	174	1241	10"
SM12L4G	60149485	170	230		179	135	126	118	113	108	104	90	72		175	201	1421	10"
SM12L4F	60149486	170	230		193	144	136	132	128	124	118	106	86	68	175	201	1421	10"
SM12L4D	60149487	190	260		199	154	145	138	134	130	126	116	97	80	175	201	1421	10"
SM12L5G	60149488	190	260		224	169	158	148	141	135	130	112	90		175	228	1601	10"
SM12L5F	60149489	220	300		242	180	171	165	161	155	148	132	108	85	175	228	1601	12"
SM12L5D	60149490	250	340		249	192	182	173	168	163	158	145	121	100	175	228	1601	12"
SM12L6F	60149491	250	340		290	216	205	197	192	186	177	158	130	102	175	255	1781	12"

6GF / 6GX
6” SUBMERSIBLE MOTORS



Submersible asynchronous 6” two-pole motor made of AISI 304 stainless steel and cast iron with electrophoresic surface treatment for parts in contact with water.
Cooling and lubrication of the thrust bearing assembly and the bushings is provided by a mixture of water and glycol.
Rotor mounted on Kingsbury self-centring thrust block to withstand significant axial loads.
Stator in an airtight casing in stainless steel.
The cable connector can be removed to guarantee rapid and easy maintenance operations. ACS, WRAS and KTW certified cable.
Motor suitable for use with variable frequency drive (30Hz-50Hz). Available in three-phase version with DOL or STAR-DELTA starting; motor protection must be assured by the user.
Version 6GX is available on request, in AISI 316 throughout and with mechanical seal in silicon carbide. The motor can be supplied with a PT100 temperature sensor.

TECHNICAL DATA - 6GF / 6GX Direct Starting

MODEL	STANDARD CODE	MODEL	AISI 316 CODE
6GF - 4 kW	0605500	6GX - 4 kW	60141626
6GF - 5,5 kW	0607500	6GX - 5,5 kW	60141627
6GF - 7,5 kW	0610000	6GX - 7,5 kW	60121376
6GF - 9,2 kW	0612500	6GX - 9,2 kW	60141628
6GF - 11 kW	0615000	6GX - 11 kW	60131136
6GF - 15 kW	0620000	6GX - 15 kW	60141629
6GF - 18,5 kW	0625000	6GX - 18,5 kW	60141630
6GF - 22 kW	0630000	6GX - 22 kW	60141631
6GF - 30 kW	0640000	6GX - 30 kW	60141632
6GF - 37 kW	0650000	6GX - 37 kW	60141633

P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	P1 (W)	N (min^{-1})	Cos φ	η %	CABLE Ø mm^2	CABLE LC (m)
5,5	4	3 x 400 V~	10,6	4,1	5290	2845	0,75	76	4x4	4
7,5	5,5	3 x 400 V~	14	4,6	7270	2845	0,75	76	4x4	4
10	7,5	3 x 400 V~	18	4,1	9550	2840	0,78	78	4x4	4
12,5	9,2	3 x 400 V~	22	3,9	11460	2840	0,8	80	4x4	4
15	11	3 x 400 V~	25,5	4,4	13860	2840	0,82	79	4x4	4
20	15	3 x 400 V~	33,4	4,8	17960	2840	0,8	83	4x4	4
25	18,5	3 x 400 V~	41	5,2	22300	2845	0,8	83	4x4	4
30	22	3 x 400 V~	47	5,1	26500	2825	0,84	83	4x4	4
40	30	3 x 400 V~	61,5	4,6	35130	2830	0,85	85	4x8	4
50	37	3 x 400 V~	79,3	3,7	44200	2830	0,84	82	4x8	4

Cable included

Available on request Voltage 3 x 230 V version up to 22 kW.

TECHNICAL DATA - 6GF / 6GX Star/Delta Starting

MODEL	STANDARD CODE	MODEL	AISI 316 CODE
6GF - 4 kW	0605620	6GX - 4 kW	60141634
6GF - 5,5 kW	0607510	6GX - 5,5 kW	60141635
6GF - 7,5 kW	0611750	6GX - 7,5 kW	60141636
6GF - 9,2 kW	0614000	6GX - 9,2 kW	60141637
6GF - 11 kW	0617500	6GX - 11 kW	60141638
6GF - 15 kW	0622500	6GX - 15 kW	60141639
6GF - 18,5 kW	0627500	6GX - 18,5 kW	60141640
6GF - 22 kW	0632400	6GX - 22 kW	60133153
6GF - 30 kW	0642500	6GX - 30 kW	60141641
6GF - 37 kW	0650005	6GX - 37 kW	60141642

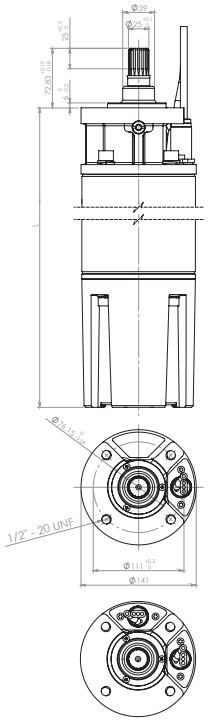
P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	P1 (W)	N (min^{-1})	Cos φ	η %	CABLE Ø mm^2	CABLE LC (m)
5,5	4	3 x 400 V~	10,6	4,1	5290	2845	0,75	76	4x4	4
7,5	5,5	3 x 400 V~	14	4,6	7270	2845	0,75	76	4x4	4
10	7,5	3 x 400 V~	18	4,1	9550	2840	0,78	78	4x4	4
12,5	9,2	3 x 400 V~	22	3,9	11460	2840	0,8	80	4x4	4
15	11	3 x 400 V~	25,5	4,4	13860	2840	0,82	79	4x4	4
20	15	3 x 400 V~	33,4	4,8	17960	2840	0,8	83	4x4	4
25	18,5	3 x 400 V~	41	5,2	22300	2845	0,8	83	4x4	4
30	22	3 x 400 V~	47	5,1	26500	2825	0,84	83	4x4	4
40	30	3 x 400 V~	61,5	4,6	35130	2830	0,85	85	4x8	4
50	37	3 x 400 V~	79,3	3,7	44200	2830	0,84	82	4x8	4

2 cables included

Available on request Voltage 3 x 230 V version up to 22 kW.

DAB PUMPS reserves the right to make modifications without notice

DIMENSIONS AND WEIGHTS



MODEL	L1 [mm]	WEIGHT (Kg)	AXIAL THRUST (N)
6GF/6GX - 4 kW	600	39,5	16000
6GF/6GX - 5,5 kW	631	43,2	16000
6GF/6GX - 7,5 kW	660	45,5	16000
6GF/6GX - 9,2 kW	685	49	16000
6GF/6GX - 11 kW	730	53	16000
6GF/6GX - 15 kW	785	59	16000
6GF/6GX - 18,5 kW	860	66,5	16000
6GF/6GX - 22 kW	920	72,5	16000
6GF/6GX - 30 kW	1050	85	27000
6GF/6GX - 37 kW	1180	98	27000

TR6
6" SUBMERSIBLE MOTORS

NEW



6"Asynchronous two-poles submersible motor, **rewindable type**, made in AISI 304 stainless steel and cast iron with paint coating (standard version). Cooling and lubrication of the thrust bearing assembly and carbon bushes is provided by a mixture of water and glycol.
Squirrel-cage rotor mounted on Mitchell self-centring thrust bearing. The motor is available also in full stainless steel AISI 316 version and on demand AISI 904 version. Mechanical seal in ceramic/ carbon for the standard version, in silicon/carbide for the AISI 316 stainless steel version.
On request it's available also a version suitable for use with variable frequency drive (30 Hz –60 Hz).
The motor is equipped with 5 meters three-core flat cable directly connected with the windings and a ground cable, and it's available with DOL or STAR-DELTA starting type.
The cable is certified ACS and WRAS. Overload protection must be provided by user. On request PT100 and PTC temperature sensors are available.

Standard version with PVC windings.
AVAILABLE ON REQUEST A PE2 + PA WINDING VERSION FOR INVERTER APPLICATION.

TECHNICAL DATA - Direct Starting

MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	P1 (W)	N (min⁻¹)	Cos φ	η %	CABLE	
	PVC	PE2 + PA	PVC	PE2 + PA										Ø mm²	LC (m)
	CODE	CODE	CODE	CODE											
TR607	60144263	60146662	60146624	60146684	7,5	5,5	3x400 V~	13,7	3,5	7237	2870	0,77	76	4x6	5
TR610	60144264	60146663	60146625	60146685	10	7,5	3x400 V~	18,2	3,6	9740	2860	0,78	77	4x6	5
TR612	60144265	60146664	60146626	60146686	12,5	9,2	3x400 V~	21,7	3,5	11795	2850	0,79	78	4x6	5
TR615	60144266	60146665	60146627	60146687	15	11	3x400 V~	26,2	3,7	14103	2860	0,79	78	4x6	5
TR617	60144267	60146667	60146628	60146688	17,5	13	3x400 V~	30,5	3,8	16456	2850	0,79	79	4x6	5
TR620	60144268	60146668	60146629	60146689	20	15	3x400 V~	34,8	4,2	18987	2860	0,80	79	4x6	5
TR625	60144269	60146669	60146630	60146690	25	18,5	3x400 V~	41,4	4,5	22840	2860	0,80	81	4x6	5
TR630	60144270	60146670	60146631	60146691	30	22	3x400 V~	49,0	5,5	26634	2880	0,79	82,6	4x6	5
TR635	60144271	60146671	60146632	60146692	35	26	3x400 V~	58,1	5,7	31250	2880	0,78	83,2	4x6	5
TR640	60144272	60146672	60146633	60146693	40	30	3x400 V~	64,9	5,0	35928	2870	0,81	83,5	4x10	5
TR650	60144273	60146673	60146634	60146694	50	37	3x400 V~	80,5	5,1	44848	2860	0,81	82,5	4x10	5
TR660	-	60161601	-	60144305	60	45	3x400 V~	93,1	5,1	54217	2825	0,85	83	4x10	5

Cable included

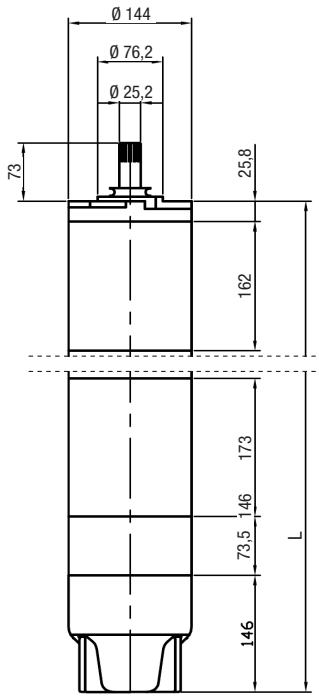
TECHNICAL DATA - Star/Delta Starting

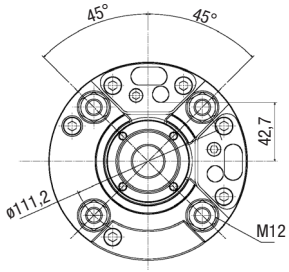
MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	P1 (W)	N (min⁻¹)	Cos φ	η %	CABLE	
	PVC	PE2 + PA	PVC	PE2 + PA										Ø mm²	LC (m)
	CODE	CODE	CODE	CODE											
TR615	60144277	60146674	60146635	60146695	15	11	3x400 V~	26,2	3,7	14103	2860	0,79	78	4x6	5
TR617	60144278	60146676	60146636	60146696	17,5	13	3x400 V~	30,5	3,8	16456	2850	0,79	79	4x6	5
TR620	60144279	60146677	60146637	60146697	20	15	3x400 V~	34,8	4,2	18987	2860	0,80	79	4x6	5
TR625	60144280	60146678	60146638	60146698	25	18,5	3x400 V~	41,4	4,5	22840	2860	0,80	81	4x6	5
TR630	60144281	60146679	60146639	60146699	30	22	3x400 V~	49,0	5,5	26634	2880	0,79	82,6	4x6	5
TR635	60144282	60146681	60146640	60146700	35	26	3x400 V~	58,1	5,7	31250	2880	0,78	83,2	4x6	5
TR640	60144283	60146682	60146641	60146701	40	30	3x400 V~	64,9	5,0	35928	2870	0,81	83,5	4x6	5
TR650	60144284	60146683	60146642	60146702	50	37	3x400 V~	80,5	5,1	44848	2860	0,81	82,5	4x6	5
TR660	-	60164307	-	60164306	60	45	3x400 V~	93,1	5,1	54217	2825	0,85	83	4x6	5

2 cables included

DAB PUMPS reserves the right to make modifications without notice

DIMENSIONS AND WEIGHTS





MODEL	L1 [mm]	WEIGHT (Kg)	AXIAL THRUST (N)
TR607	660	48	15000
TR610	690	50	15000
TR612	720	55	15000
TR615	780	60	15000
TR617	850	72	15000
TR620	910	78	15000
TR625	1085	90	27500
TR630	1195	100	27500
TR635	1315	115	27500
TR640	1425	125	27500
TR650	1425	125	27500

TR8
8” SUBMERSIBLE MOTORS

NEW



8” Asynchronous two-poles or four-poles submersible motor, **rewindable type**, with external shell made in AISI 316 stainless steel and supports in cast iron with paint coating (standard version). Cooling and lubrication of the thrust bearing assembly and carbon bushes is provided by a mixture of water and glycol. Squirrel-cage rotor mounted on Mitchell self-centring thrust bearing. The motor is available also in full stainless steel AISI 316 version and on demand AISI 904 version. Mechanical seal in silicon/carbide.
On request it’s available also a version suitable for use with variable frequency drive.
The motor is equipped with 5 meters three-core flat cable directly connected with the windings and it’s available with DOL or STAR-DELTA starting type. The cable is certifi ed ACS and WRAS. Overload protection must be provided by user.
On request PT100 and PTC temperature sensors.

Standard version with PVC windings.
AVAILABLE ON REQUEST A PE2 + PA WINDING VERSION FOR INVERTER APPLICATION.

TECHNICAL DATA - Direct Starting

MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	P1 (W)	N (min⁻¹)	Cos φ	η %	CABLE	
	PVC	PE2 + PA	PVC	PE2 + PA										Ø mm²	LC (m)
	CODE	CODE	CODE	CODE											
TR840 30KW	60144580	60144600	60146726	60146759	40	30	3 x 400 V ~	61	5,7	35714	2890	0,85	84	4x16	5
TR850 37KW	60144581	60144601	60146727	60146760	50	37	3 x 400 V ~	75	5,7	44048	2890	0,85	84	4x16	5
TR860 45kW	60144582	60144602	60146728	60146761	60	45	3 x 400 V ~	92	6,0	52326	2910	0,82	86	4x16	5
TR875 55KW	60144583	60144603	60146729	60146762	75	55	3 x 400 V ~	109	5,9	63953	2900	0,85	86	4x16	5
TR885 63KW	60144584	60144604	60146730	60146763	85	63	3 x 400 V ~	126	5,7	72414	2910	0,83	87	4x16	5
TR8100 75KW	60144585	60144605	60146731	60146764	100	75	3 x 400 V ~	145	5,8	86207	2910	0,86	87	4x16	5
TR8125 92KW	60144586	60144606	60146732	60146765	125	92	3 x 400 V ~	177	5,9	105747	2890	0,86	87	4x25	5
TR8150 110KW	60144587	60144607	60146733	60146767	150	110	3 x 400 V ~	213	5,8	126437	2890	0,87	87	4x25	5

Cable included

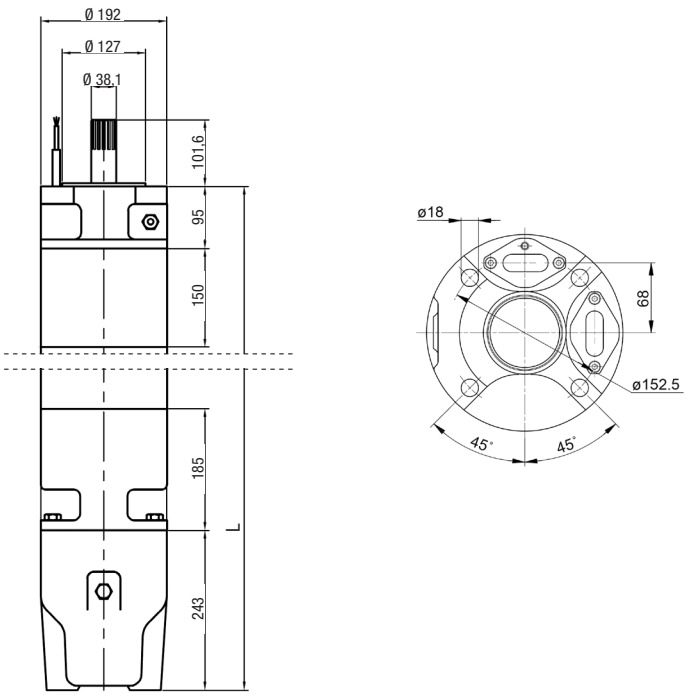
TECHNICAL DATA - Star/Delta Starting

MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	P1 (W)	N (min⁻¹)	Cos φ	η %	CABLE	
	PVC	PE2 + PA	PVC	PE2 + PA										Ø mm²	LC (m)
	CODE	CODE	CODE	CODE											
TR840 30KW	60144590	60144610	60146734	60146768	40	30	3 x 400 V ~	61	5,7	35714	2890	0,85	84	4x10	5
TR850 37KW	60144591	60144611	60146735	60146769	50	37	3 x 400 V ~	75	5,7	44048	2890	0,85	84	4x10	5
TR860 45kW	60144592	60144612	60146736	60146770	60	45	3 x 400 V ~	92	6,0	52326	2910	0,82	86	4x10	5
TR875 55KW	60144593	60144613	60146737	60146771	75	55	3 x 400 V ~	109	5,9	63953	2900	0,85	86	4x16	5
TR885 63KW	60144594	60144614	60146738	60146772	85	63	3 x 400 V ~	126	5,7	72414	2910	0,83	87	4x16	5
TR8100 75KW	60144595	60144615	60146739	60146773	100	75	3 x 400 V ~	145	5,8	86207	2910	0,86	87	4x16	5
TR8125 92KW	60144596	60144616	60146740	60146774	125	92	3 x 400 V ~	177	5,9	105747	2890	0,86	87	4x16	5
TR8150 110KW	60144597	60144617	60146741	60146775	150	110	3 x 400 V ~	213	5,8	126437	2890	0,87	87	4x16	5

2 cables included

DAB PUMPS reserves the right to make modifications without notice

DIMENSIONS AND WEIGHTS



MODEL	L1 [mm]	WEIGHT (Kg)	AXIAL THRUST (N)
TR840 30KW	1110	146	60000
TR850 37KW	1160	156	60000
TR860 45kW	1270	177	60000
TR875 55KW	1350	192	60000
TR885 63KW	1490	218	60000
TR8100 75KW	1590	237	60000
TR8125 92KW	1830	283	60000
TR8150 110KW	2060	333	60000

TR10
10” SUBMERSIBLE MOTORS

NEW



10” Asynchronous two-poles or four-poles submersible motor, **rewindable type,** with external shell made in AISI 316 stainless steel and supports in cast iron with paint coating (standard version). Cooling and lubrication of the thrust bearing assembly and carbon bushes is provided by a mixture of water and glycol. Squirrel-cage rotor mounted on Mitchell self-centring thrust bearing. The motor is available also in full stainless steel AISI 316 version and on demand AISI 904 version. Mechanical seal in silicon/carbide.
On request it’s available also a version suitable for use with variable frequency drive.

The motor is equipped with 8 meters single-core flat cables directly connected with the windings and it’s available with DOL or STAR-DELTA starting type. The cables are certifi ed ACS and WRAS. Overload protection must be provided by user. On request PT100 and PTC temperature sensors are available.

Standard version with PVC windings (except TR10 230 and TR10 260 standard, version PE2 +PA)
AVAILABLE ON REQUEST A PE2 + PA WINDING VERSION FOR INVERTER APPLICATION.

TECHNICAL DATA - Direct Starting

MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	P1 (W)	N (min^{-1})	Cos φ	η %	CABLE	
	PVC	PE2 + PA	PVC	PE2 + PA										Ø mm^2	LC (m)
	CODE	CODE	CODE	CODE											
TR10100 75KW	60146792	60146838	60146818	60146852	100	75	3 x 400 V ~	148	5,4	86207	2910	0,84	87	4x50	8
TR10125 92KW	60146793	60146839	60146819	60146853	125	92	3 x 400 V ~	185	5,6	105747	2910	0,82	87	4x50	8
TR10150 110KW	60146794	60146840	60146820	60146854	150	110	3 x 400 V ~	217	5,7	125000	2910	0,84	88	4x50	8
TR10180 132KW	60146795	60146841	60146821	60146855	180	132	3 x 400 V ~	257	5,7	150000	2910	0,84	88	4x50	8
TR10200 147KW	60146796	60146842	60146822	60146856	200	147	3 x 400 V ~	300	6,2	168966	2920	0,81	87	4x50	8
TR10230 170KW	-	60146843	-	60146857	230	170	3 x 400 V ~	348	6,0	195402	2920	0,81	87	4x50	8
TR10260 190KW	-	60146844	-	60146858	260	190	3 x 400 V ~	405	5,9	218391	2930	0,79	87	4x50	8

Cable included

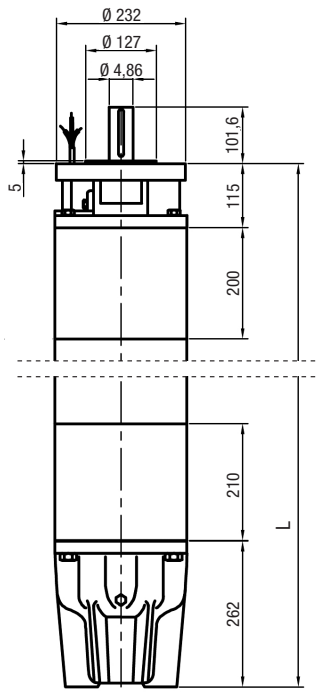
TECHNICAL DATA - Star/Delta Starting

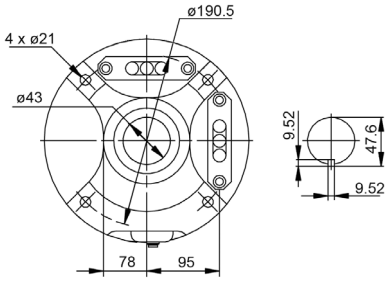
MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	P1 (W)	N (min^{-1})	Cos φ	η %	CABLE	
	PVC	PE2 + PA	PVC	PE2 + PA										Ø mm^2	LC (m)
	CODE	CODE	CODE	CODE											
TR10100 75KW	60146797	60146845	60146823	60146859	100	75	3 x 400 V ~	148	5,4	86207	2910	0,84	87	4x35	8
TR10125 92KW	60146798	60146846	60146824	60146860	125	92	3 x 400 V ~	185	5,6	105747	2910	0,82	87	4x35	8
TR10150 110KW	60146815	60146847	60146825	60146861	150	110	3 x 400 V ~	217	5,7	125000	2910	0,84	88	4x35	8
TR10180 132KW	60146816	60146848	60146826	60146862	180	132	3 x 400 V ~	257	5,7	150000	2910	0,84	88	4x35	8
TR10200 147KW	60146817	60146849	60146827	60146863	200	147	3 x 400 V ~	300	6,2	168966	2920	0,81	87	4x35	8
TR10230 170KW	-	60146850	-	60146864	230	170	3 x 400 V ~	348	6,0	195402	2920	0,81	87	4x35	8
TR10260 190KW	-	60146851	-	60146865	260	190	3 x 400 V ~	405	5,9	218391	2930	0,79	87	4x35	8

2 cables included

DAB PUMPS reserves the right to make modifications without notice

DIMENSIONS AND WEIGHTS





MODEL	L1 [mm]	WEIGHT (Kg)	AXIAL THRUST (N)
TR10100 75KW	1400	280	60000
TR10125 92KW	1500	330	60000
TR10150 110KW	1690	385	60000
TR10180 132KW	1870	435	60000
TR10200 147KW	2070	500	60000
TR10230 170KW	2220	540	60000
TR10260 190KW	2400	580	60000

TR12
12" SUBMERSIBLE MOTORS

NEW



tesla submersible motors

12" Asynchronous two-poles or four-poles submersible motor, **rewindable type**, with external shell made in AISI 316 stainless steel and supports in cast iron with paint coating (standard version). Cooling and lubrication of the thrust bearing assembly and carbon bushes is provided by a mixture of water and glycol. Squirrel-cage rotor mounted on Mitchell self-centring thrust bearing. The motor is available also in full stainless steel AISI 316 version. Mechanical seal in silicon/carbide.
On request it's available also a version suitable for use with variable frequency drive.
The motor is equipped with 8 meters single-core flat cables directly connected with the windings and it's available with DOL or STAR-DELTA starting type.
The cables are certifi ed ACS and WRAS. Overload protection must be provided by user.
On request PT100 and PTC temperature sensors are available.

Standard version with PVC windings (except TR12300 and TR12340 standard, version PE2 +PA).
AVAILABLE ON REQUEST A PE2 + PA WINDING VERSION FOR INVERTER APPLICATION.

TECHNICAL DATA - Direct Starting

MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	P1 (W)	N (min^{-1})	Cos φ	η %	CABLE	
	PVC	PE2 + PA	PVC	PE2 + PA										Ø mm^2	LC (m)
	CODE	CODE	CODE	CODE											
TR12180 132KW	60146880	60146896	60146888	60146910	180	132	3x400 V~	266	5.0	151000	2930	0,82	88	4x70	8
TR12200 147KW	60146881	60146897	60146889	60146911	200	147	3x400 V~	290	6,2	167045	2930	0,83	88	4x70	8
TR12230 170KW	60146882	60146898	60146890	60146912	230	170	3x400 V~	329	6,1	193182	2920	0,85	88	4x70	8
TR12260 190KW	60146883	60146899	60146891	60146913	260	190	3x400 V~	371	6,2	215909	2930	0,84	88	4x70	8
TR12300 220KW	-	60146900	-	60146914	300	220	3x400 V~	424	6,1	250000	2920	0,85	88	4x70	8
TR12340 250KW	-	60146901	-	60146915	340	250	3x400 V~	481	5,9	284091	2920	0,85	88	4x70	8

Cable included

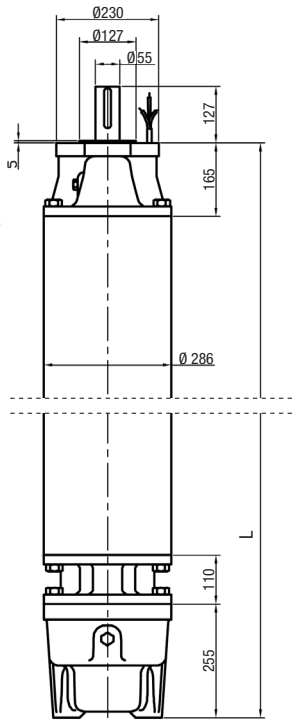
TECHNICAL DATA - Star/Delta Starting

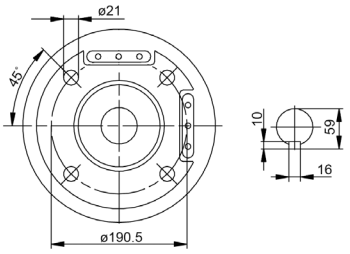
MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	P1 (W)	N (min^{-1})	Cos φ	η %	CABLE	
	PVC	PE2 + PA	PVC	PE2 + PA										Ø mm^2	LC (m)
	CODE	CODE	CODE	CODE											
TR12180 132KW	60146884	60146903	60146892	60146917	180	132	3x400 V~	266	5.0	151000	2930	0,82	88	4x70	8
TR12200 147KW	60146885	60146904	60146893	60146918	200	147	3x400 V~	290	6,2	167045	2930	0,83	88	4x70	8
TR12230 170KW	60146886	60146905	60146894	60146919	230	170	3x400 V~	329	6,1	193182	2920	0,85	88	4x70	8
TR12260 190KW	60146887	60146906	60146895	60146920	260	190	3x400 V~	371	6,2	215909	2930	0,84	88	4x70	8
TR12300 220KW	-	60146907	-	60146921	300	220	3x400 V~	424	6,1	250000	2920	0,85	88	4x70	8
TR12340 250KW	-	60146908	-	60146922	340	250	3x400 V~	481	5,9	284091	2920	0,85	88	4x70	8

2 cables included

DAB PUMPS reserves the right to make modifications without notice

DIMENSIONS AND WEIGHTS





MODEL	L1 [mm]	WEIGHT (Kg)	AXIAL THRUST (N)
TR12180 132KW	1700	510	70000
TR12200 147KW	1790	565	70000
TR12230 170KW	1880	605	70000
TR12260 190KW	1980	650	70000
TR12300 220KW	2110	700	70000
TR12340 250KW	2280	775	70000
TR12400 300KW	2390	870	70000

ACCESSORIES SUBMERSIBLE PUMPS

SUBMERSIBLE MOTORS

For a correct junction, use a cable with a section greater or equal to the motor cable section.
Size properly the section of the cable that has to be spliced, accordingly to the required length of the cable.

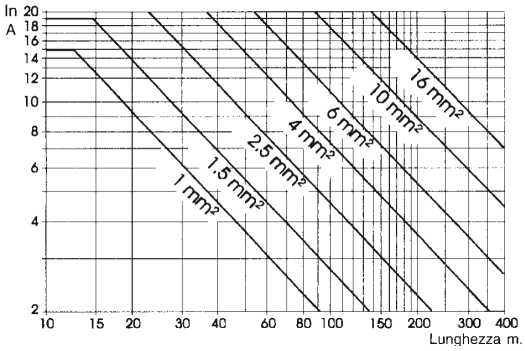
SHIELDED CABLE	DESCRIPTION	CODE	MICRA	MICRA HS	S4	S6	SM +6GF	SR+6GF
	SHIELDED CABLE, FOUR-CORE, PER METER 4 X 1,5 mm²	60149594	•	•	•			
	SHIELDED CABLE, FOUR-CORE, PER METER 4 X 2,5 mm²	60149595	•	•	•			
	SHIELDED CABLE, FOUR-CORE, PER METER 4 X 4 mm²	60149596	•	•	•	•	•	•
We recommended the use of shielded cables with INVERTER application.								

FOUR-CORE CABLE	DESCRIPTION	CODE	MICRA	MICRA HS	S4	S6	SM +6GF	SR+6GF
	FOUR-CORE CABLE H07 RN-F , PER METER 4x1.5 mm2	002730041	•	•	•	•		
	FOUR-CORE CABLE H07 RN-F , PER METER 4x2.5 mm2	002730051	•	•	•	•		
	FOUR-CORE CABLE H07 RN-F , PER METER 4x4 mm2	002730061	•	•	•	•	•	•
	FOUR-CORE CABLE H07 RN-F , PER METER 4x6 mm2	002730080	•	•	•	•	•	•
	FOUR-CORE CABLE H07 RN-F , PER METER 4x10 mm2	002730085	•	•	•	•	•	•
	FOUR-CORE CABLE H07 RN-F , PER METER 4x16 mm2	002730090	•	•	•	•	•	•
	FOUR-CORE CABLE H07 RN-F , PER METER 4x25 mm2	002730096	•	•	•	•	•	•

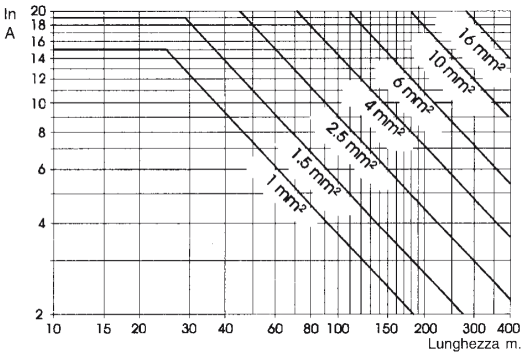
PROBE	DESCRIPTION	CODE	MICRA	MICRA HS	S4	S6	SM +6GF	SR+6GF
	**COMPLETE - ELECTRODE PROBE** Used in the protection and CONTROL SYSTEM ES. Ideal for conductible liquids with maximum temperatures of +40°C. To be connected with a 1.5 mm² cable - 550V insulation. Sensitivity: ≤ 53 kOhm.	002775000			•	•	•	•
	CABLE FOR ELECTRIC PROBE, PER METER 1x1.5 mm2	002730038			•	•	•	•
Accessories connectable only to ES panels								

JUNCTION KIT	DESCRIPTION	CODE	MICRA	MICRA HS	S4	S6	SM +6GF	SR+6GF
	CABLE JUNCTION KIT (for cable 1,0 mm2)	60141658	•	•				
	CABLE JUNCTION KIT (for cable 1,5-2,5-4-6 mm2)	547120020			•	•	•	•
	CABLE JNCTION KIT (for cable 10-16-25 mm2)	547120030			•	•	•	•
	CABLE CONNECTION TO THE MOTOR-DRIVEN PUMP	AAGCA		•	•	•	•	•

TABLES TO ESTABLISH POWER CABLE CROSS SECTION IN RELATION TO LENGHT



1 x 230 V



3 x 400 V

KIT CABLE FOR MOTORS	DESCRIPTION	CODE	4GG	4TW	40L
	KIT CABLE 4x1,5 mm² -LENGHT. 20 m. WITH CONNECT. FOR 4"GG/4"OL MOTORS	60153539	•		•
	KIT CABLE 4x1,5 mm² -LENGHT. 40 m. WITH CONNECT. FOR 4"GG/4"OL MOTORS	60153541	•		•
	KIT CABLE 4x2,5 mm² -LENGHT. 20 m. WITH CONNECT. FOR 4"GG/4"OL MOTORS	60153547	•		•
	KIT CABLE 4x2,5 mm² -LENGHT. 40 m. WITH CONNECT. FOR 4"GG/4"OL MOTORS	60153614	•		•
	KIT CABLE 3G1.5 MT30 CON CONNETTORE PER MOTORE 4" 4TW	60153537		•	

DIVERTRON ACCESSORIES	DESCRIPTION	CODE
	ASPIRATION KIT FOR DIVERTRON X	60112006
	AUXILIARY TANK FOR DIVERTRON	60117315

COUNTERFLANGE KIT FOR SM	DESCRIPTION	CODE	SM6	SM8	SM10	SM12
	COUNTERFLANGE KIT FOR SM 6 SUBM. PUMPS	60152339	•			
	COUNTERFLANGE KIT FOR SM 8 SUBM. PUMPS	60152169		•		
	COUNTERFLANGE KIT FOR SM 10 SUBM. PUMPS	60152340			•	
	COUNTERFLANGE KIT FOR SM 12 SUBM. PUMPS	60152341				•

Complete with gasket and coupling screws

DAB PUMPS reserves the right to make modifications without notice

CB - CONTROL PANEL FOR SINGLE-PHASE PUMP

- Housing in shockproof thermoplastic with two cable clamps
- Luminous 2-pole main switch (power ON)
- Protection level: IP 43
- Starter capacitor
- Thermal cut-out protection with external manual reset



MODEL	CODE	VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	PROTECTION	CAPACITOR µF	DIMENSIONS mm	GROSS WEIGHT Kg	DIVER		MICRA	
CB 16/5	**60149564**	1x230 V ~	0,55	0,75	5 A	16	85 x 170 x 65	0,65	•	DIVER 75 M		
CB 20/6	**60149565**	1x230 V ~	0,75	1	6 A	20	85 x 170 x 65	0,65	•	DIVER 100 M DIVER 100 HF M		
CB 30/9	**60149566**	1x230 V ~	1,1	1,5	9 A	30	85 x 170 x 65	0,65	•	DIVER 150 M DIVER 150 HF M		
CB 35/12	**64148895**	1x230 V ~	1,5	2	12 A	35	85 x 170 x 65	0,65	•	DIVER 200 M DIVER 200 HF M		
CB 05/12	**60140961**	1 x 230 V~	0,37	0,5	5A	12	85 x 170 x 65	0,65			•	MICRA 50 M
CB 06/16	**60140962**	1 x 230 V~	0,55	0,75	6A	16	85 x 170 x 65	0,65			•	MICRA 75 M
CB 07/20	**60140963**	1 x 230 V~	0,75	1	7A	20	85 x 170 x 65	0,65			•	MICRA 100 M

ESC PLUS

Panel for protection and control of motor/single-phase/three-phase pump with direct start up.
Double set-up mode: automatic/manual
The motor/pump protection against dry running is assured by the major of the motor cos φ, (level probes not required)
Casing made of shock-proof and self-extinguishing thermoplastic material with two antipull plugs.
Main switch.
Power supply: Single-phase 230 V +/- 5%, Three-phase 400 V +/-5%.
Digital display with status indications.
Four models available for powers from 0.5 HP to 15 HP.
Protection degree IP54. Starting
Capacitor for single phase version (to be order separately).
Optoisolated auxiliary contact for control by probes, pressure switch and float switch.
ON-OFF switch.
Functional features:
Overload protection.
Phase failure protection (threephase version).
Overvoltage protection.
Short circuit protection.
Protection against dry running.



MODEL	CODE	VOLTAGE 50-60 Hz	RANGE HP	MAX CURRENT A	PANEL DIMENSIONS A	PANEL DIMENSIONS B	PANEL DIMENSIONS H	WEIGHT Kg
ESC PLUS 3M 220-240/50-60	**60149590**	1 x 230 V<	0, 5 - 3	< 18	175	175	80	0,9
ESC PLUS 4T 400/50-60	**60149591**	3 x 400 V<	0, 5 - 4	< 9	245	195	95	1
ESC PLUS 10T 400/50-60	**60149592**	3 x 400 V<	5,5 - 10	< 20	215	170	75	1,4
ESC PLUS 15T 400/50-60	**60149593**	3 x 400 V<	12,5 - 15	< 30	215	170	75	1,6

CONTROL BOX 4”

Electric control panel for single phase bore-hole pumps featuring manually resettable overload cut-out, capacitor and terminal board for the electrical connections and posisble connection of pressure switch/float. Complete with 1.5 metres of power cable with SCHUKO EEC 7 – VII – UNEL 47166-168 electric plug. Cabinet for wall mounting in a flame-proof, thermoplastic material.

	MODEL SINGLE-PHASE	CODE	MOTOR POWER kW	PROTECTION AMPER. AMP	CAPACITOR µF	WEIGHT Kg
	**CONTROL BOX 4” 0,5**	**108003210**	0,37	4	16	1,7
	CONTROL BOX 4” 0,75	**108003220**	0,55	5	20	1,7
	CONTROL BOX 4” 1	**108003270**	0,75	7	25	1,7
	CONTROL BOX 4” 1,5	**108003280**	1,1	10	35	1,7
	CONTROL BOX 4” 2	**108003290**	1,5	13	40	1,7
	CONTROL BOX 4” 3	**108003300**	2,2	16	60	1,7

4” CONTROL BOOSTER BOX

NEW

4” Control Booster Box
Control panel for increasing the starting torque of the single-phase electric pumps with capacities ranging from 0.37 to 3.7 kW single-phase containing the microdisgiuntore for overload protection with manual reset, the starting condenser and run condenser and terminal block for electrical connections.

Plug not included.
Degree of protection: IP 54
Ambient operating temperature: -10 ° C + 40 ° C
Wall mounting box in self-extinguishing thermoplastic material.

	MODEL	CODE	VOLTAGE 50 Hz	POWER MAX kW	MAX CURRENT A	RUN CAPACITOR µF	STARTING CAPACITOR µF	WEIGHT Kg
	**CBB 05/16 (0,37 Kw)**	4616050	1 x 230 V	0,37	5	16	53-64	0,85
	CBB 06/20 (0,55Kw)	4620060	1 x 230 V	0,55	6	20	53-64	0,85
	CBB 09/25 (0,75 Kw)	4625090	1 x 230 V	0,75	9	25	100-130	1,5
	CBB 12/35 (1,1 Kw)	4635120	1 x 230 V	1,1	12	35	100-130	1,1
	CBB 15/40 (1,5Kw)	4640150	1 x 230 V	1,5	15	40	189-250	1,1
	CBB 20/60 (2,2 Kw)	49050200	1 x 230 V	2,2	20	60	189-250	1,5
	CBB 32/90 (3,7 Kw)	49090320	1 x 230 V	3,7	32	90	315-400	1,5

NEW

SOFT-START CONTROL AND PROTECTION - COMMANDER

Soft-start control microprocessor for protection, control and command of the motor / three-phase pump with direct starting. The soft-start Commander panel is used where a limitation of the starting current is required; in this case, the traditional starting systems (star-delta system or reactance) are no longer required. There are also several parameters that can be set for both the start-up and shutdown of the system. Characteristics: input voltage: 400 Vac +/-10%. power frequency: 50/60 Hz ambient temperature: 0-40° c. relative humidity: 50% at 40° c. IP55 Protection. Metal frame with epoxy paint.

Bypass contactor of the SCRs. Input signal from the pressure switch or float. Possibility to connect several motors / pumps. Measurement of power factor (cos φ). Programming of the following functions from external LCD keypad: programming in 6 languages, set up menu and displays the following parameters: voltage, current, active and apparent power, power factor, the list of events / actions.
Features: Overload protection, protection and control of the starting current, phase failure protection, surge protection under voltage protection and short-circuit protection.

	MODEL	CODE	VOLTAGE 50-60 Hz	RANGE	MAX CURRENT	DIMENSIONS	WEIGHT Kg
	**COMMANDER 1E**	**2610500**	400 V	5,5 HP - 30 HP	< 50	300x300x160	8,6
	COMMANDER 2E	**2610510**	400 V	35 HP - 60 HP	< 100	300x300x160	9,4

DAB PUMPS reserves the right to make modifications without notice

ES 1 M - ES 3 M

Electric control unit for protecting single-phase electric borehole pumps from running without water (see table). The panel is protected and protects the electric pump from overloading and short circuits with a manually resettable device.
Can work with 1, 2 or 3 probes depending on the use to which it is put.

Protection level: IP55.
Temperature application range: from –10°C to +40°C.
Supplied standard with an electric probe and wall bracket.
Cabinet for wall mounting in flame-proof, thermoplastic material.

	MODEL	CODE	VOLTAGE 50/60 Hz	POTENZA kW p2 MOT.	MAX RATED OPERATING POWER (kW)	MAX CURRENT A	DIMENSIONS			WEIGHT Kg
							A	B	H	
	**ES 1 M**	**108000130**	1x220-240 V<	0,37-0,55-0,75	1,85	10	270	300	190	5,6
	ES 3 M	**108000140**	1x220-240 V<	1,1-1,5-2,2	2,2	16	270	300	190	5,6

ES 0,75 T - 1 T - 1,5 T - 3 T - 4 T - 7,5 T

Electric control unit for protecting three-phase electric borehole pumps from running without water (see table). The panel is protected and protects the electric pump from overloading and short circuits with a manually resettable device.
Can work with 1, 2 or 3 probes depending on the use to which it is put.

Protection level: IP55. Temperature application range:
from –10°C to +40°C.
Supplied standard with an electric probe and wall bracket.
Cabinet for wall mounting in flame-proof, thermoplastic material.

	MODEL	CODE	VOLTAGE 50 Hz	POWER kW p2 MOT.	MAX RATED OPERATING POWER (kW)	MAX CURRENT A	DIMENSIONS			WEIGHT Kg
							A	B	H	
	**ES 0,75 T**	**108000240**	3 x 400 V	0,37-0,55	0,88	1,6	270	300	190	5,6
	ES 1 T	**108000250**	3 x 400 V	0,75	1,38	2,5	270	300	190	5,6
	ES 1,5 T	**108000260**	3 x 400 V	1,1	2,2	4	270	300	190	5,6
	ES 3 T	**108000270**	3 x 400 V	1,5 - 2,2	3,5	6,3	270	300	190	5,6
	ES 4 T	**108000280**	3 x 400 V	3	5,5	10	270	300	190	5,6
	ES 7,5 T	**108000290**	3 x 400 V	4-5,5	7,5	14	270	300	190	5,6

COMMAND AND CONTROL SYSTEM - ES

Electrical panels for protection and automatic control using float/s for bore-hole three phase electric pumps, installed singularly.
Available for direct and star-delta starting.
Cabinet for wall mounting in flame-proof, thermoplastic material.
The panel is self-protected and protects the electric pump from overloading and short circuits, power failure with a manually resettable device.
Supplied complete with:
- power line switch with pad lockable door handle;
- self-protected transformer for 24V powering of external commands;
- terminals for connecting electric pump/s and min. and max. control float/s;
- Probes module for the running without water control;
- terminals for connecting a remote acoustic or luminous alarm (without potential);
- switch on the front of the panel for man - 0 - out operation of the electric pump
- Operating temperature range: -10°C +40°C
- Level of protection: IP55
- The panels are built to EN 60204-1 and EN 60439-1
- Supplied with standard electric probe.



MODEL	CODE 3 x 380-415V~	VOLTAGE 50-60 Hz	P2 NOMINAL kW	MAX CURRENT	WEIGHT Kg
ES 7,5 T	108000290	3 x 400 V	4 - 5,5	14	5,6
ES 10 T	108000600	3 x 400 V	7,5	18	5,6
ES 12,5 T	108000610	3 x 400 V	9,2	25	5,9
ES 15 T	108000620	3 x 400 V	11	25	8
ES 20 T	108000630	3 x 400 V	15	32	8,1
ES 25 T	108000640	3 x 400 V	18,5	40	8,3
ES 30 T	108000650	3 x 400 V	22	63	8,5
ES 40 T	108000660	3 x 400 V	30	80	8,2
ES 50 T	108000670	3 x 400 V	37	90	9
ES 60 T	108000680	3 x 400 V	45	100	9
ES 10 T S/D	108000700	3 x 400 V	7,5	18	5,6
ES 12,5 T S/D	108000710	3 x 400 V	9,2	25	5,9
ES 15 T S/D	108000720	3 x 400 V	11	25	8
ES 20 T S/D	108000730	3 x 400 V	15	32	8,1
ES 25 T S/D	108000740	3 x 400 V	18,5	40	8,3
ES 30 T S/D	108000750	3 x 400 V	22	63	8,5
ES 40 T S/D	108000760	3 x 400 V	30	80	8,2
ES 50 T S/D	108000770	3 x 400 V	37	90	9
ES 60 T S/D	108000780	3 x 400 V	45	100	9

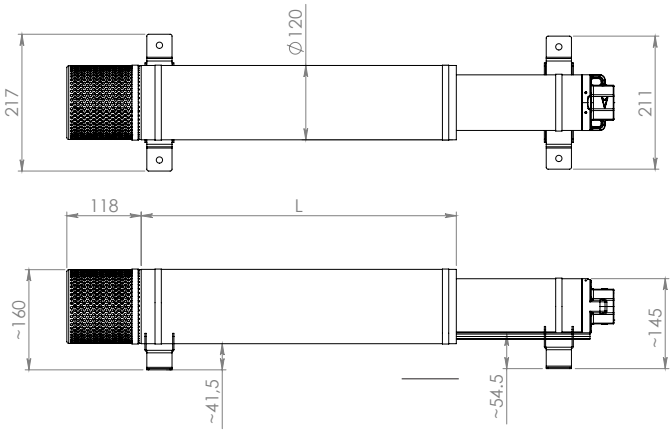
DAB PUMPS reserves the right to make modifications without notice

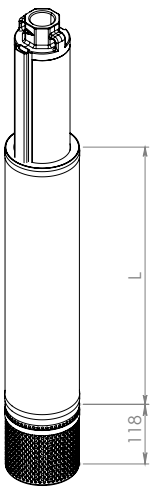
COOLING SLEEVE FOR 4” MOTOR

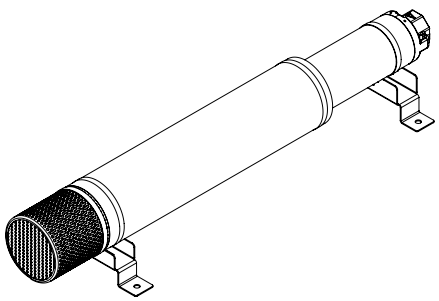
SELECTION TABLE

Cooling sleeves kit, different lenght, to be used to assure a perfect cooling of the 4” motors when installing the pump inside tank or where a minimum cooling flow is not granted.
The sleeve choice must be done according to power and type of teh motor as stated by the following table.

VOLTAGE 50 Hz	MOTOR POWER		MOTOR TYPE		
	HP	kW	4GG - 4GX	4OL	4TW
Single-phase	0,5	0,37	COOLING KIT L400 cod 60125178	COOLING KIT L400 cod 60125178	COOLING KIT L525 cod 60125179
	0,75	0,55			
	1	0,75			COOLING KIT L885 cod 60125180
	1,5	1,1	COOLING KIT L525 cod 60125179	COOLING KIT L525 cod 60125179	
	2	1,5			
	3	2,2		COOLING KIT L885 cod 60125180	
	5	3,7	COOLING KIT L885 cod 60125180		
Three-phase	0,5	0,37	COOLING KIT L400 cod 60125178	COOLING KIT L400 cod 60125178	
	0,75	0,55			
	1	0,75			
	1,5	1,1			
	2	1,5	COOLING KIT L525 cod 60125179	COOLING KIT L525 cod 60125179	
	3	2,2		COOLING KIT L885 cod 60125180	
	4	3	COOLING KIT L885 cod 60125180		
	5,5	4			
	7,5	5,5			
	10	7,5			







	DESCRIPTION	CODE
	COOLING SLEEVE KIT L400	60125178
	COOLING SLEEVE KIT L525	60125179
	COOLING SLEEVE KIT L885	60125180
	HORIZONTAL POSITIONING KIT (2 PIECES)	60125181
	FILTER KIT	60125182

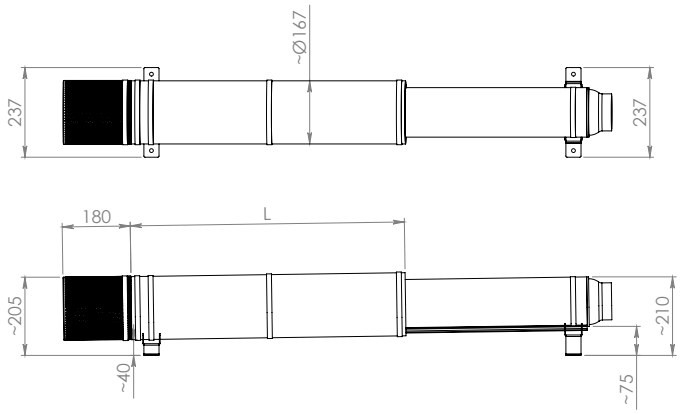
SHOWED IN THE PHOTO: COOLING SLEEVE KIT + HORIZONTAL POSITIONING KIT + FILTER KIT

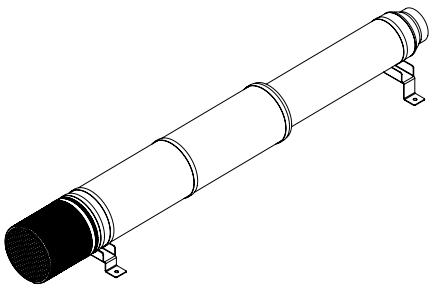
COOLING SLEEVE FOR 6” MOTOR

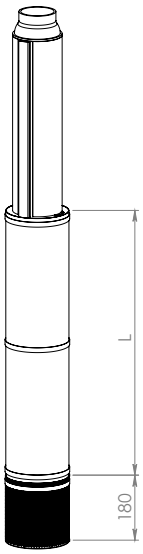
SELECTION TABLE

Cooling sleeves kit, different lenght, to be used to assure a perfect cooling of the 6” motors when installing the pump inside tank or where a minimum cooling flow is not granted.
The sleeve choice must be done according to power and type of teh motor as stated by the following table.
Usable with S6, SR6 and SM6 coupled with a 6” motor.

VOLTAGE 50 Hz	MOTOR POWER		MOTOR TYPE	
	HP	kW	6GF-6GX	TR6
Three-phase	5,5	4	COOLING KIT 725 **60144213**	
	7,5	5,5		COOLING KIT 960 **60144217**
	10	7,5		
	12,5	9,3		
	15	11	COOLING KIT 960 **60144217**	
	17,5	13		COOLING KIT 1220 **60144218**
	20	15		
	25	18,5		
	30	22		
	35	26	COOLING KIT 1220 **60144218**	
	40	30		COOLING KIT 1490 **60146397**
	50	37		







	DESCRIPTION	CODE
	**COOLING SLEEVE KIT L. 725**	60144213
	COOLING SLEEVE KIT L. 960	60144217
	COOLING SLEEVE KIT L. 1.220	60144218
	COOLING SLEEVE KIT L. 1.490	60146397
	HORIZONTAL POSITIONING KIT (2 PIECES)	60146398
	FILTER KIT	60146399

SHOWED IN THE PHOTO: COOLING SLEEVE KIT + HORIZONTAL POSITIONING KIT + FILTER KIT

DAB PUMPS reserves the right to make modifications without notice

NOTES

INDEX - PRESSURE UNITS



DOMESTIC PUMPS SETS WITH ACTIVE DRIVER
CONSTANT PRESSURE SETS
BY PAG. 614



1/2/3 KV AD 3/6/10
CONSTANT PRESSURE SETS WITH ACTIVE DRIVER
BY PAG. 622



2/3 NKV AD 10/15
CONSTANT PRESSURE SETS WITH ACTIVE DRIVER
BY PAG. 625



2/3/4 NKVE 10/15 /20 WITH MCE/P NEW
CONSTANT PRESSURE SETS WITH MCE/P
EJ PAG. 627



2 NKVE 10/15 /20 WITH ADAC
CONSTANT PRESSURE SETS WITH ADAC
EJ PAG. 636



2/3 KVE 3 - 6 -10
SETS WITH 2-3 MULTISTAGE CENTRIFUGAL PUMPS
ON A VERTICAL AXIS
BZ PAG. 639



2/3 NKVE
SETS WITH MULTISTAGE VERTICAL AXIS CENTRIFUGAL PUMPS
BZ PAG. 640



2/3 KE
SETS WITH SINGLE IMPELLER CENTRIFUGAL PUMPS
BZ PAG. 644



2 JET
SETS WITH 2 SELF-PRIMING PUMPS
C1 PAG. 647



2 EURO / 2 EUROINOX
SETS WITH 2 HORIZONTAL MULTISTAGE EURO
C1 PAG. 648



2 K
SETS WITH CENTRIFUGAL PUMPS TWIN IMPELLER
C1 PAG. 650



AQUATWIN TOP NEW
PRESSURIZATION GROUP FOR RAINWATER
RECOVERY SYSTEM
C1 PAG. 651



1/2/3 KVC
SETS WITH 1/2/3 VERTICAL MULTISTAGE CENTRIFUGAL PUMPS
C3 PAG. 652



1/2/3 KV 3 - 6 -10
SETS WITH 1/2/3 VERTICAL MULTISTAGE PUMPS
C3 PAG. 658



1/2/3/4 NKV NEW
SETS WITH VERTICAL AXIS MULTISTAGE
CENTRIFUGAL PUMPS
C2 PAG. 663



2 NKV 15/20 WITH E-BOX NEW
PRESSURIZATION GROUPS WITH 2 MULTISTAGE
CENTRIFUGAL PUMPS WITH A VERTICAL AXIS
C2 PAG. 668



1/2/3 KV 50
WITH MULTISTAGE VERTICAL AXIS CENTRIFUGAL PUMPS
C2 PAG. 669



1/2/3 NKP-G / K
SETS WITH CENTRIFUGAL PUMPS K - NKP
C4 PAG. 670



1 KDN
FIRE -FIGHTING BOOSTER SETS
WITH ELECTRIC PUMP AND DIESEL PUMP
C5 C6 PAG. 681



1/2 NKV
FIRE -FIGHTING BOOSTER SETS
WITH VERTICAL NKV PUMPS
C5 PAG. 688



S4 - S6 - SM8 NEW
FIRE FIGHTING UNITS UNI STANDARDS EN 12845
WITH 4"-6"-8" SUBMERSIBLE ELECTRIC PUMPS
C5 PAG. 690



ACCESSORIES NEW
PAG. 699

DOMESTIC PUMPS SETS WITH ACTIVE DRIVER

ACTIVE DRIVER
PAG. 15

BENEFITS DURING USE
Constant pressure – Low noise operation – Low running costs – Reduced water consumption
– More compact (no need for expansion vessels) – Reduced maintenance – Protected
against dry run conditions

GENERAL DATA
Pump sets equipped with Active Driver are designed and built to meet the constant pressure requirements imposed by modern water distribution system technology. Constant pressure control is used in an increasing number of applications in the most diverse range of sectors: Water pipelines - Irrigation - Industry - Hotels - Residential building - Spa centres. The basic principles that guided our engineers in developing these pump sets were simplicity,
flexibility andreliability.

SHORT INTRODUCTION TO ACTIVE DRIVER
The Active Driver module is a comprehensive device that includes water pipeline connections, a pressure sensor, a flow sensor, and an electronic inverter. When applied to the
discharge line of each electric pump, Active Driver controls the speed of the pump to which it is connected in such a way as to ensure constant pressure irrespective of variations in the water flow rate demand. The water that flows though Active Driver's connections also helps to dissipate the heat produced by the internal electronic components.

OPERATION
As soon as the system pressure drops due to a water demand, just one pump will run in order to meet the flow rate demanded. Starting of the second and third pump occurs in a cascade sequence once the first pump has reached its maximum rotation speed. Pump pressure can be user adjusted by means of the Active Driver + and – keys (usually all pumps are set to the same pressure value).
The pumps are stopped automatically in the following situations:
- pump current surge
- dry running
- low power supply voltage
- surpassing of an adjustable pressure set-point value
- overheating of Active Driver electronics.

Sets with two pumps and with three pumpsequipped with Active Driver are supplied complete
with a protection control unit containing thermal magnetic cut-outs and the power
line input terminals.

FUNCTIONS DISPLAYED ON ACTIVE DRIVER
- Pump operating frequency (Hz)
- Instantaneous pressure (bar)
- Pump current draw (ampere)
- Operating alarms

Active Driver EXTERNAL CONNECTIONS (models M/T 2.2 - T/T 3.0 - T/T 5.5 only)
Inputs: pump disable, pressure switch / float switch to protect against dry running, second pressure Set point.
Outputs: two voltage-free contacts for alarm / stop signalling, pump running.

CE



2 JET AD - 2 EURO AD

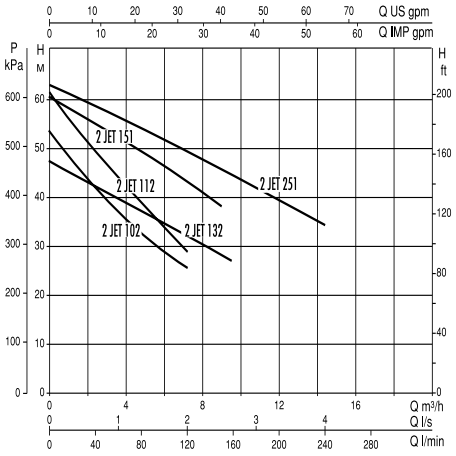


2 KVC AD

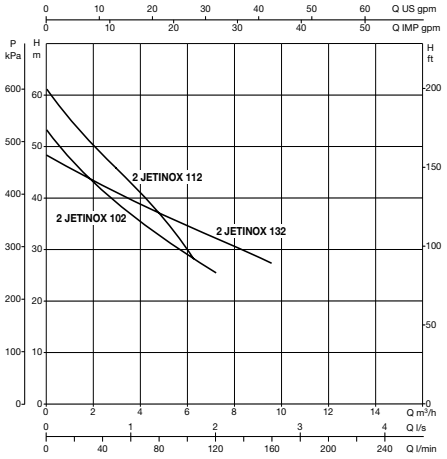
TECHNICAL DATA - 2 JET AD / 2 JETINOX AD

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA	
		VOLTAGE 50 Hz	P2 NOMINAL		IIn	Q	H
			kW X 2	HP X 2	A X 2	m^3/h	m
2JET AD 102 M	**500140020**	1 X 230 V ~	0,75	1	3,3	0,6-7,2	47-25,8
2JET AD 132 M	**500140040**	1 X 230 V ~	1	1,36	4,7	0,6-9,6	45,6-27,2
2JET AD 151 M	**500140070**	1 X 230 V ~	1,1	1,5	5,2	0,6-9	58-38
2JET AD 251 M	**500140090**	1 X 230 V ~	1,85	2,5	6,9	0,6-14,4	60-34,2
2JETINOX AD 112 M	**500140130**	1 X 230 V ~	1	1,36	3,3	0,4-7	57-29
2JETINOX AD 132 M	**500140140**	1 X 230 V ~	1	1,36	4,7	0,6-9,6	45,6-27,2

2 JET AD

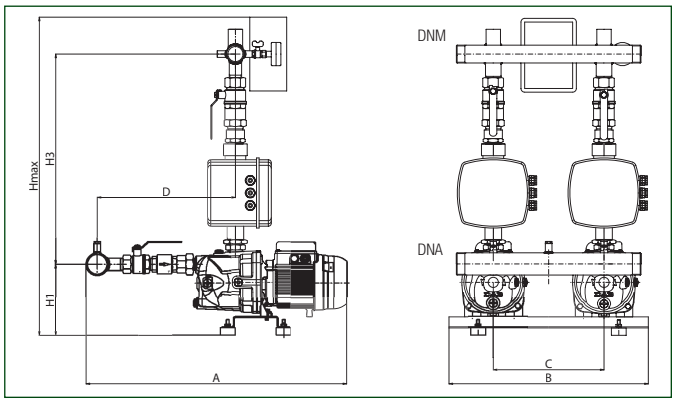


2 JETINOX AD

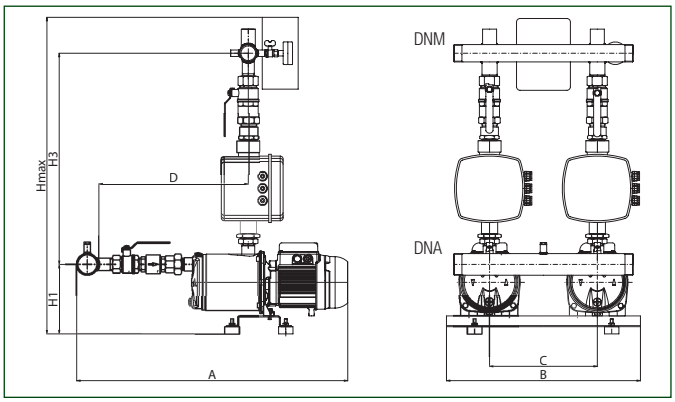


DIMENSIONS AND WEIGHTS - 2 JET AD / 2 JETINOX AD

2 JET AD



2 JETINOX AD

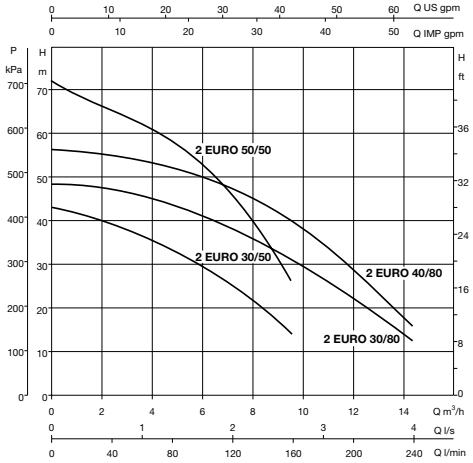


MODEL	A	B	C	D	H max	H1	H3	DNA	DNM	PACKAGING DIMENSIONS			WEIGHT Kg
										L/A	L/B	H	
2JET AD 102 M	706	540	300	374	862	193	569	2"	1 1/2"	850	610	1000	56
2JET AD 132 M	706	540	300	374	862	193	569	2"	1 1/2"	850	610	1000	56
2JET AD 151 M	706	540	300	374	862	193	569	2"	1 1/2"	850	610	1000	96
2JET AD 251 M	706	540	300	374	862	193	569	2"	1 1/2"	850	610	1000	105
2JETINOX AD 112 M	755	540	300	416	882	193	588	2"	1 1/2"	850	610	1000	56
2JETINOX AD 132 M	755	540	300	416	882	193	588	2"	1 1/2"	850	610	1000	56

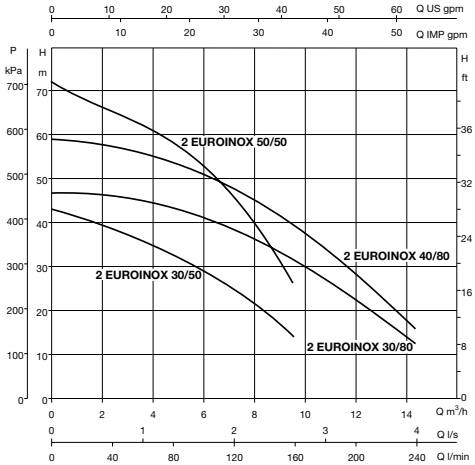
TECHNICAL DATA - 2 EURO AD / 2 EUROINOX AD

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA	
		VOLTAGE 50 Hz	P2 NOMINAL		In	Q	H
			kW x 2	HP x 2	A x2	m^3/h	m
2EURO AD 30/50 M	500140250	1 X 230 V ~	0,55	0,75	2,8	0,6-9,6	40-14
2EURO AD 50/50 M	500140260	1 X 230 V ~	1	1,36	4,4	0,6-9,6	68-26,5
2EURO AD 30/80 M	500140270	1 X 230 V ~	0,8	1,1	3,8	0,6-14,4	47-12
2EURO AD 40/80 M	500140280	1 X 230 V ~	1	1,36	4,4	0,6-14,4	58-16
2EUROINOX AD 30/50 M	500140350	1 X 230 V ~	0,55	0,75	2,8	0,6-9,6	40,2-14
2EUROINOX AD 50/50 M	500140360	1 X 230 V ~	1	1,36	4,4	0,6-9,6	68-26
2EUROINOX AD 30/80 M	500140370	1 X 230 V ~	0,8	1,1	3,8	0,6-14,4	47-12
2EUROINOX AD 40/80 M	500140380	1 X 230 V ~	1	1,36	4,4	0,6-14,4	58-14

2 EURO AD

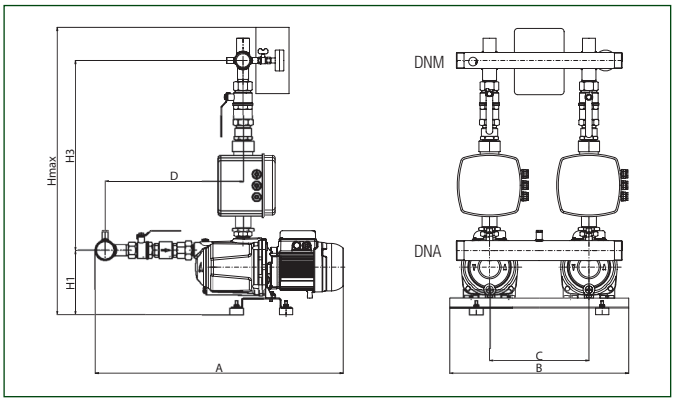


2 EUROINOX AD

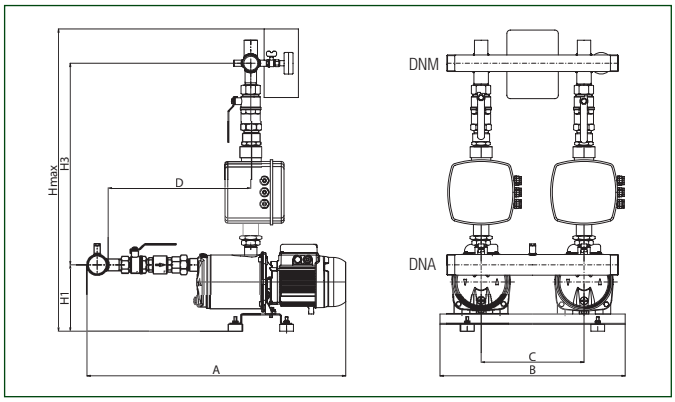


DIMENSIONS AND WEIGHTS - 2 EURO AD / 2 EUROINOX AD

2 EURO AD



2 EUROINOX AD

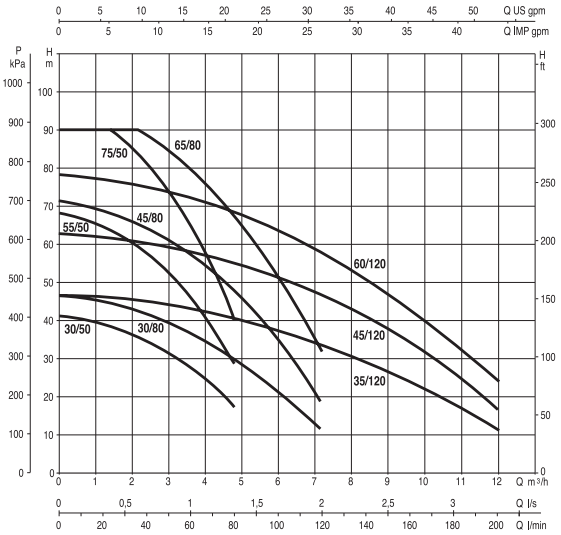


MODEL	A	B	C	D	H max	H1	H3	DNA	DNM	PACKAGING DIMENSIONS			WEIGHT Kg
										L/A	L/B	H	
2EURO AD 30/50 M	748	540	300	416	867	194	574	2"	1 1/2"	850	610	1000	57
2EURO AD 50/50 M	748	540	300	416	867	194	574	2"	1 1/2"	850	610	1000	57
2EURO AD 30/80 M	748	540	300	416	867	194	574	2"	1 1/2"	850	610	1000	57
2EURO AD 40/80 M	748	540	300	416	867	194	574	2"	1 1/2"	850	610	1000	57
2EUROINOX AD 30/50 M	755	540	300	416	882	193	588	2"	1 1/2"	850	610	1000	57
2EUROINOX AD 50/50 M	755	540	300	416	882	193	588	2"	1 1/2"	850	610	1000	57
2EUROINOX AD 30/80 M	755	540	300	416	882	193	588	2"	1 1/2"	850	610	1000	57
2EUROINOX AD 40/80 M	755	540	300	416	882	193	588	2"	1 1/2"	850	610	1000	57

DAB PUMPS reserves the right to make modifications without notice

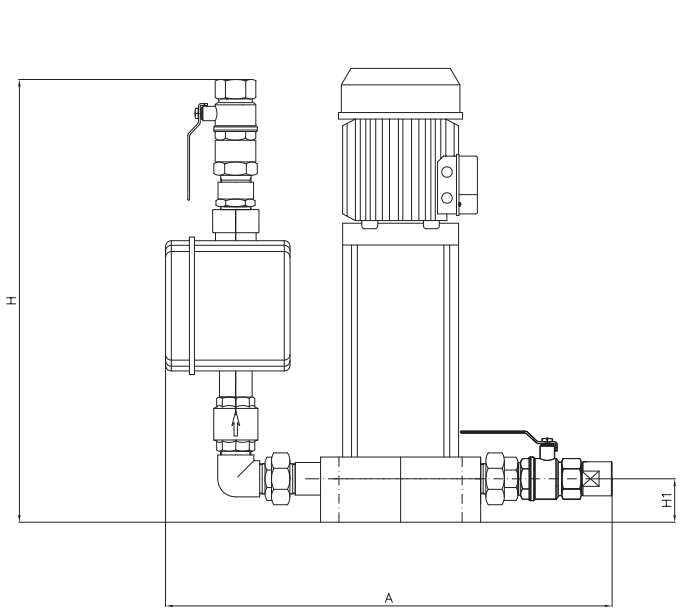
TECHNICAL DATA - 1 KVC AD

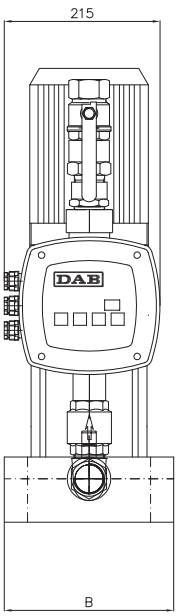
MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA	
		VOLTAGE 50 Hz	P2 NOMINAL		In A x2	Q	H
			kW	HP		m³/h	m
1 KVC A.D. 30/50 M	60122638	1 X 230 V ~	0,55	0,75	4,1	0,5-4,8	40-17
1 KVC A.D. 55/50 M	60122639	1 X 230 V ~	1	1,36	7,8	0,5-4,8	67-28
1 KVC A.D. 75/50 M	60122640	1 X 230 V ~	1,5	2	10,7	0,5-4,8	94-40
1 KVC A.D. 30/80 M	60122641	1 X 230 V ~	0,8	1,1	6,5	0,7-7,2	46-11
1 KVC A.D. 45/80 M	60122642	1 X 230 V ~	1,1	1,5	9,3	0,7-7,2	70-20
1 KVC A.D. 65/80 M	60122644	1 X 230 V ~	2,2	3	12	0,7-7,2	95-32
1 KVC A.D. 35/120 M	60122645	1 X 230 V ~	1,1	1,5	9,3	1,2-12	46-12
1 KVC A.D. 45/120 M	60122646	1 X 230 V ~	1,85	2,5	12	1,2-12	61-16
1 KVC A.D. 60/120 T	60122647	3 X 400 V ~	2,2	3	5,8	1,2-12	76,5-20
1 KVC A.D. 70/120 T	60122648	3 X 400 V ~	3	4	6,8	1,2-12	92-24
1 KVC A.D. 85/120 T	60122649	3 X 400 V ~	3	4	7,8	1,2-12	107-28



DIMENSIONS AND WEIGHTS - 1 KVC AD

1 KVC AD

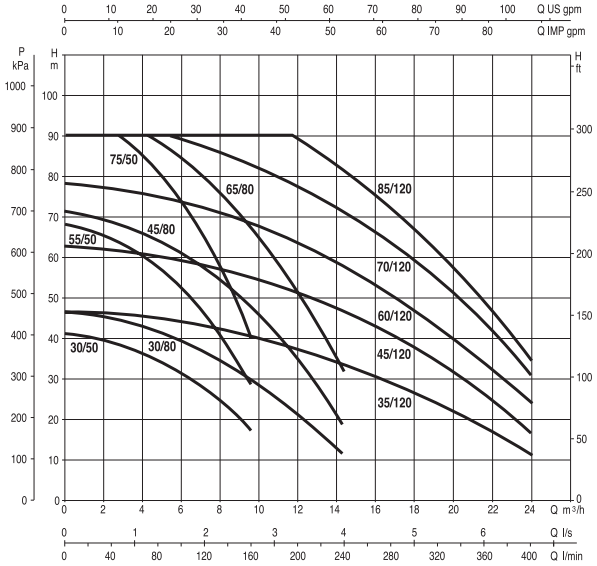




MODEL	A	B	C	D	H max	H1	H3	DNA	DNM	PACKAGING DIMENSIONS			WEIGHT Kg
										L/A	L/B	H	
1 KVC A.D. 30/50 M	530	250	-	-	620	60	-	1 1/4"	1 1/4"	850	610	1000	32
1 KVC A.D. 55/50 M	530	250	-	-	620	60	-	1 1/4"	1 1/4"	850	610	1000	35
1 KVC A.D. 75/50 M	530	250	-	-	620	60	-	1 1/4"	1 1/4"	850	610	1000	39
1 KVC A.D. 30/80 M	530	250	-	-	620	60	-	1 1/4"	1 1/4"	850	610	1000	34
1 KVC A.D. 45/80 M	530	250	-	-	620	60	-	1 1/4"	1 1/4"	850	610	1000	38
1 KVC A.D. 65/80 M	530	250	-	-	620	60	-	1 1/4"	1 1/4"	850	610	1000	40
1 KVC A.D. 35/120 M	530	250	-	-	620	60	-	1 1/4"	1 1/4"	850	610	1000	34
1 KVC A.D. 45/120 M	530	250	-	-	620	60	-	1 1/4"	1 1/4"	850	610	1000	35
1 KVC A.D. 60/120 T	530	250	-	-	620	60	-	1 1/4"	1 1/4"	850	610	1000	39
1 KVC A.D. 70/120 T	530	250	-	-	620	60	-	1 1/4"	1 1/4"	850	610	1000	41
1 KVC A.D. 85/120 T	530	234	-	-	620	60	-	1 1/4"	1 1/4"	850	610	1000	42

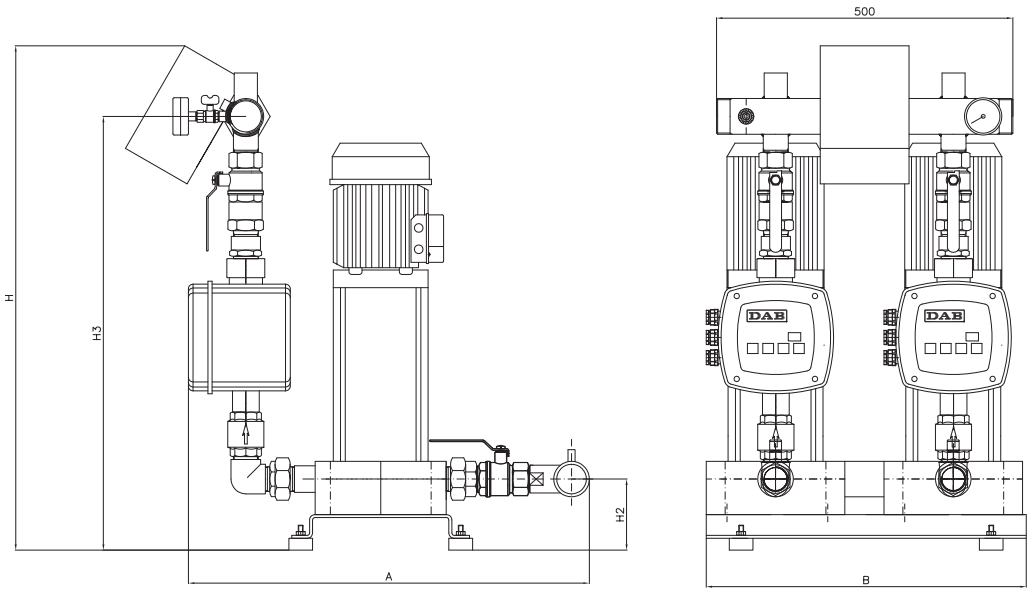
TECHNICAL DATA - 2 KVC AD

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA	
		VOLTAGE 50 Hz	P2 NOMINAL		In	Q	H
			kW x 2	HP x 2	A x2	m³/h	m
2 KVC A.D. 30/50 M	60122650	1 X 230 V ~	0,55	0,75	4,1	0,5-9,6	40-17
2 KVC A.D. 55/50 M	60122651	1 X 230 V ~	1	1,36	7,6	0,5-9,6	67-28
2 KVC A.D. 55/50 T	60122653	3 X 400 V ~	1	1,36	2,6	0,5-9,6	67-28
2 KVC A.D. 75/50 T / N	60122654	3 X 230 V ~	1,5	2	10,7	0,5-9,6	94-40
2 KVC A.D. 75/50 T	60122655	3 X 400 V ~	1,5	2	3,6	0,5-9,6	94-40
2 KVC A.D. 30/80 M	60122656	1 X 230 V ~	0,8	1,1	6,5	0,7-14,4	46-11
2 KVC A.D. 30/80 T	60122657	3 X 400 V ~	0,8	1,1	2,2	0,7-14,4	46-11
2 KVC A.D. 45/80 M	60122659	1 X 230 V ~	1,1	1,5	9,3	0,7-14,4	70-20
2 KVC A.D. 45/80 T	60122660	3 X 400 V ~	1,1	1,5	3,1	0,7-14,4	70-20
2 KVC A.D. 65/80 T / N	60122661	3 X 230 V ~	2,2	3	12	0,7-14,4	95-32
2 KVC A.D. 65/80 T	60122662	3 X 400 V ~	2,2	3	4	0,7-14,4	95-32
2 KVC A.D. 35/120 M	60122663	1 X 230 V ~	1,1	1,5	9,3	1,2-24	46-12
2 KVC A.D. 35/120 T	60122664	3 X 400 V ~	1,1	1,5	3,5	1,2-24	46-12
2 KVC A.D. 45/120 M	60122665	1 X 230 V ~	1,85	2,5	12	1,2-24	61-16
2 KVC A.D. 45/120 T	60122666	3 X 400 V ~	1,85	2,5	4,6	1,2-24	61-16
2 KVC A.D. 60/120 T	60122667	3 X 400 V ~	2,2	3	5,8	1,2-24	76,5-20
2 KVC A.D. 70/120 T	60122668	3 X 400 V ~	3	4	7,8	1,2-24	92-24
2 KVC A.D. 85/120 T	60122669	3 X 400 V ~	3	4	7,8	1,2-24	107,5-28



DIMENSIONS AND WEIGHTS - 2 KVC AD

2 KVC AD

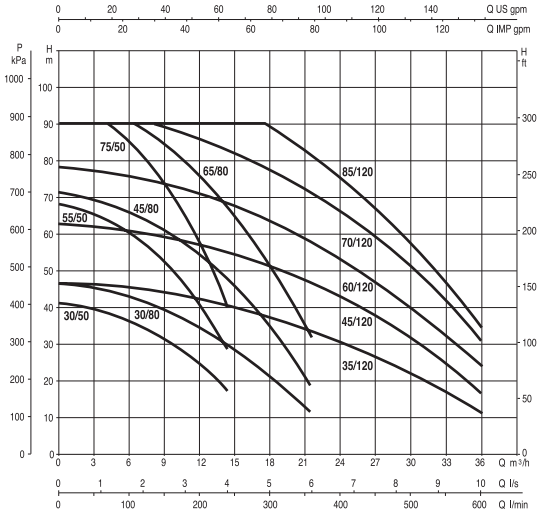


MODEL	A	B	H	H2	H3	DNA	DNM	PACKAGING DIMENSIONS			WEIGHT Kg
								L/A	L/B	H	
2 KVC AD 30/50	660	550	830	100	710	2"	2"	1000	610	1000	76
2 KVC AD 55/50	660	550	830	100	710	2"	2"	1000	610	1000	83
2 KVC AD 75/50	660	550	830	100	710	2"	2"	1000	610	1000	91
2 KVC AD 30/80	660	550	830	100	710	2"	2"	1000	610	1000	80
2 KVC AD 45/80	660	550	830	100	710	2"	2"	1000	610	1000	89
2 KVC AD 65/80	660	550	830	100	710	2"	2"	1000	610	1000	93
2 KVC AD 35/120	660	550	830	100	710	2"	2"	1000	610	1000	81
2 KVC AD 45/120	660	550	830	100	710	2"	2"	1000	610	1000	83
2 KVC AD 60/120	660	550	830	100	710	2"	2"	1000	610	1000	89
2 KVC AD 70/120	660	550	830	100	710	2"	2"	1000	610	1000	95
2 KVC AD 85/120	660	550	830	100	710	2"	2"	1000	610	1000	97

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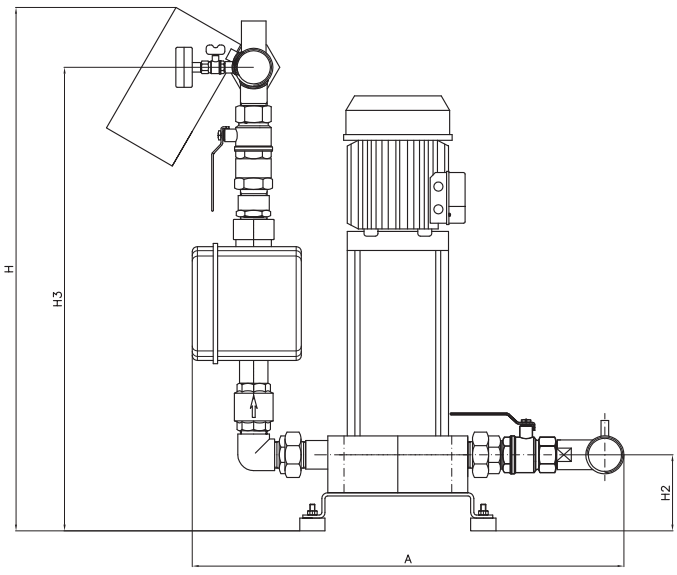
TECHNICAL DATA - 3 KVC AD

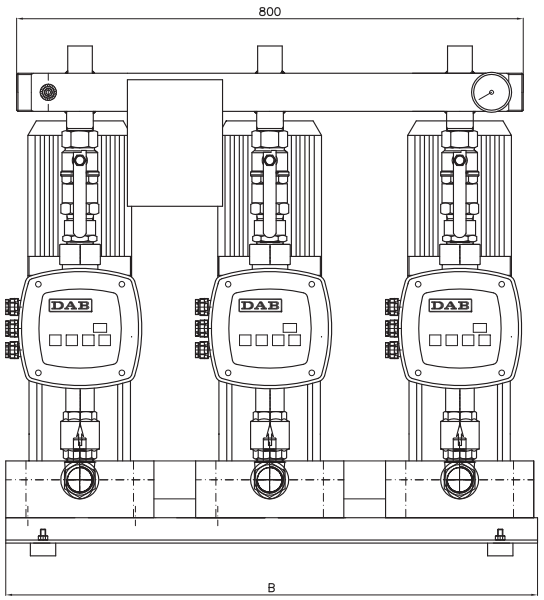
MODEL	CODE	ELECTRICAL DATA VOLTAGE 50 Hz	P2 NOMINAL kW x 3	P2 NOMINAL HP x 3	In A x3	HYDRAULIC DATA Q m³/h	H m
3 KVC A.D. 30/50 M	60122670	1 X 230 V ~	0,55	0,75	4,1	0,5-9,6	40-17
3 KVC A.D. 55/50 T / N	60122671	3 X 400 V ~ + N	1	1,36	7,6	0,5-9,6	67-28
3 KVC A.D. 75/50 T / N	60122672	3 X 400 V ~ + N	1,5	2	10,7	0,5-9,6	94-40
3 KVC A.D. 30/80 T / N	60122673	3 X 400 V ~ + N	0,8	1,1	-	0,7-14,4	46-11
3 KVC A.D. 45/80 T / N	60122674	3 X 400 V ~ + N	1,1	1,5	-	0,7-14,4	70-20
3 KVC A.D. 65/80 T / N	60122675	3 X 400 V ~ + N	2,2	3	12	0,7-14,4	95-32
3 KVC A.D. 35/120 T / N	60122676	3 X 400 V ~ + N	1,1	1,5	-	1,2-24	46-12
3 KVC A.D. 35/120 T	60122677	3 X 400 V ~	1,1	1,5	3,5	1,2-24	46-12
3 KVC A.D. 45/120 T / N	60122678	3 X 400 V ~ + N	1,85	2,5	-	1,2-24	61-16
3 KVC A.D. 45/120 T	60122679	3 X 400 V ~	1,85	2,5	4,6	1,2-24	61-16
3 KVC A.D. 60/120 T	60122680	3 X 400 V ~	2,2	3	5,8	1,2-24	76,5-20
3 KVC A.D. 70/120 T	60122682	3 X 400 V ~	3	4	7,8	1,2-24	92-24
3 KVC A.D. 85/120 T	60122683	3 X 400 V ~	3	4	7,8	1,2-24	107,5-28



DIMENSIONS AND WEIGHTS - 3 KVC AD

3 KVC AD

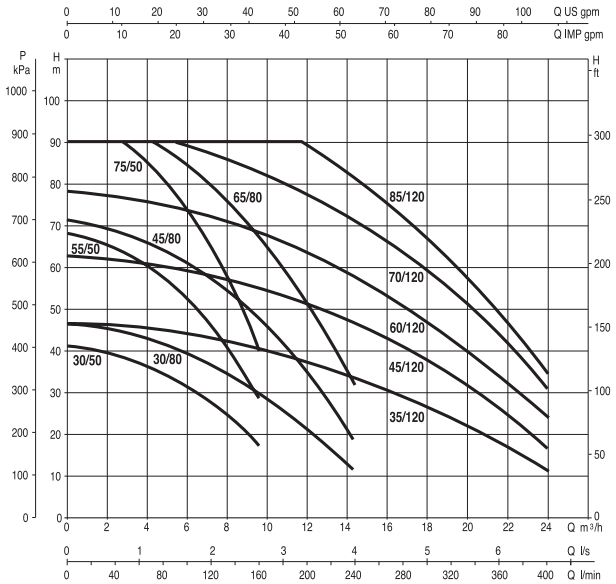




MODEL	A	B	H	H2	H3	DNA	DNM	PACKAGING DIMENSIONS L/A	PACKAGING DIMENSIONS L/B	PACKAGING DIMENSIONS H	WEIGHT Kg
3 KVC A.D. 30/50 M	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	97
3 KVC A.D. 55/50 T / N	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	97
3 KVC A.D. 75/50 T / N	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	97
3 KVC A.D. 30/80 T / N	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	97
3 KVC A.D. 45/80 T / N	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	97
3 KVC A.D. 65/80 T / N	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	97
3 KVC A.D. 35/120 T / N	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	97
3 KVC A.D. 35/120 T	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	156
3 KVC A.D. 45/120 T / N	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	156
3 KVC A.D. 45/120 T	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	153
3 KVC A.D. 60/120 T	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	153
3 KVC A.D. 70/120 T	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	153
3 KVC A.D. 85/120 T	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	153

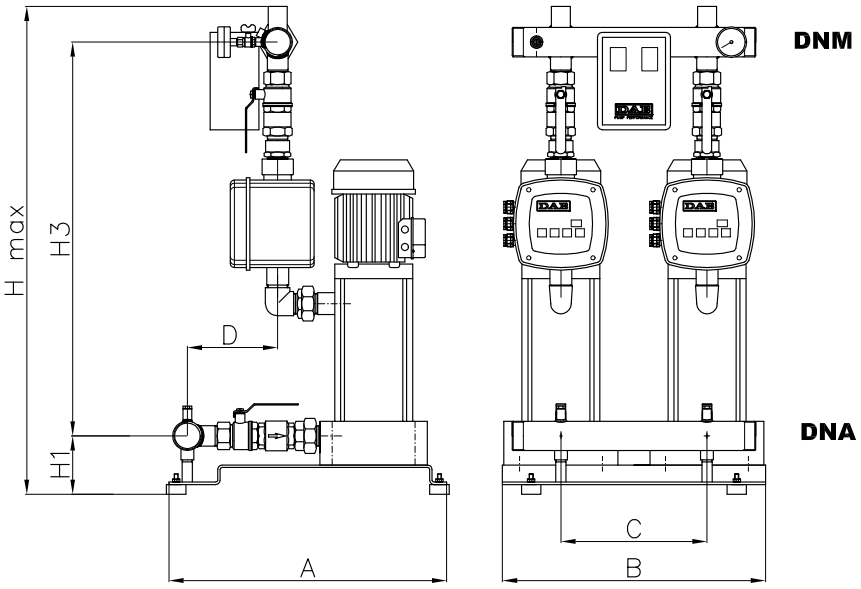
TECHNICAL DATA - 2 KVCX AD

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA	
		VOLTAGE 50 Hz	P2 NOMINAL		In	Q	H
			kW x 2	HP x 2	A x2	m³/h	m
2 KVCX A.D. 30/50 M	500140800	1 X 230 V ~	0,55	0,75	4,1	0,5-9,6	40-17
2 KVCX A.D. 55/50 M	500140810	1 X 230 V ~	1	1,36	7,6	0,5-9,6	67-28
2 KVCX A.D. 55/50 T	60112094	3 X 400 V ~	1	1,36	2,6	0,5-9,6	67-28
2 KVCX A.D. 75/50 T / N	500140820	3 X 230 V ~	1,5	2	10,7	0,5-9,6	94-40
2 KVCX A.D. 75/50 T	60122215	3 X 400 V ~	1,5	2	3,6	0,5-9,6	94-40
2 KVCX A.D. 30/80 M	500140830	1 X 230 V ~	0,8	1,1	6,5	0,7-14,4	46-11
2 KVCX A.D. 30/80 T	60112093	3 X 400 V ~	0,8	1,1	2,2	0,7-14,4	46-11
2 KVCX A.D. 45/80 M	500140840	1 X 230 V ~	1,1	1,5	9,3	0,7-14,4	70-20
2 KVCX A.D. 45/80 T	60122216	3 X 400 V ~	1,1	1,5	3,1	0,7-14,4	70-20
2 KVCX A.D. 65/80 T / N	500140850	3 X 230 V ~	2,2	3	12	0,7-14,4	95-32
2 KVCX A.D. 65/80 T	60122217	3 X 400 V ~	2,2	3	4	0,7-14,4	95-32
2 KVCX A.D. 35/120 M	500140860	1 X 230 V ~	1,1	1,5	9,3	1,2-24	46-12
2 KVCX A.D. 35/120 T	60112095	3 X 400 V ~	1,1	1,5	3,5	1,2-24	46-12
2 KVCX A.D. 45/120 M	500140780	1 X 230 V ~	1,85	2,5	12	1,2-24	61-16
2 KVCX A.D. 45/120 T	60112096	3 X 400 V ~	1,85	2,5	4,6	1,2-24	61-16
2 KVCX A.D. 60/120 T	500140870	3 X 400 V ~	2,2	3	5,8	1,2-24	76,5-20
2 KVCX A.D. 70/120 T	500140480	3 X 400 V ~	3	4	7,8	1,2-24	92-24
2 KVCX A.D. 85/120 T	500140490	3 X 400 V ~	3	4	7,8	1,2-24	107,5-28



DIMENSIONS AND WEIGHTS - 2 KVCX AD

2 KVCX AD

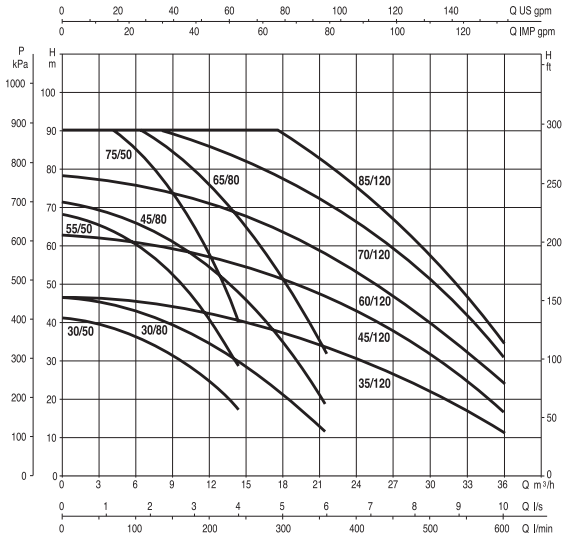


MODEL	A	B	H	H2	H3	DNA	DNM	PACKAGING DIMENSIONS			WEIGHT Kg
								L/A	L/B	H	
2 KVC AD 30/50	660	550	830	100	710	2"	2"	1000	610	1000	76
2 KVC AD 55/50	660	550	830	100	710	2"	2"	1000	610	1000	83
2 KVC AD 75/50	660	550	830	100	710	2"	2"	1000	610	1000	91
2 KVC AD 30/80	660	550	830	100	710	2"	2"	1000	610	1000	80
2 KVC AD 45/80	660	550	830	100	710	2"	2"	1000	610	1000	89
2 KVC AD 65/80	660	550	830	100	710	2"	2"	1000	610	1000	93
2 KVC AD 35/120	660	550	830	100	710	2"	2"	1000	610	1000	81
2 KVC AD 45/120	660	550	830	100	710	2"	2"	1000	610	1000	83
2 KVC AD 60/120	660	550	830	100	710	2"	2"	1000	610	1000	89
2 KVC AD 70/120	660	550	830	100	710	2"	2"	1000	610	1000	95
2 KVC AD 85/120	660	550	830	100	710	2"	2"	1000	610	1000	97

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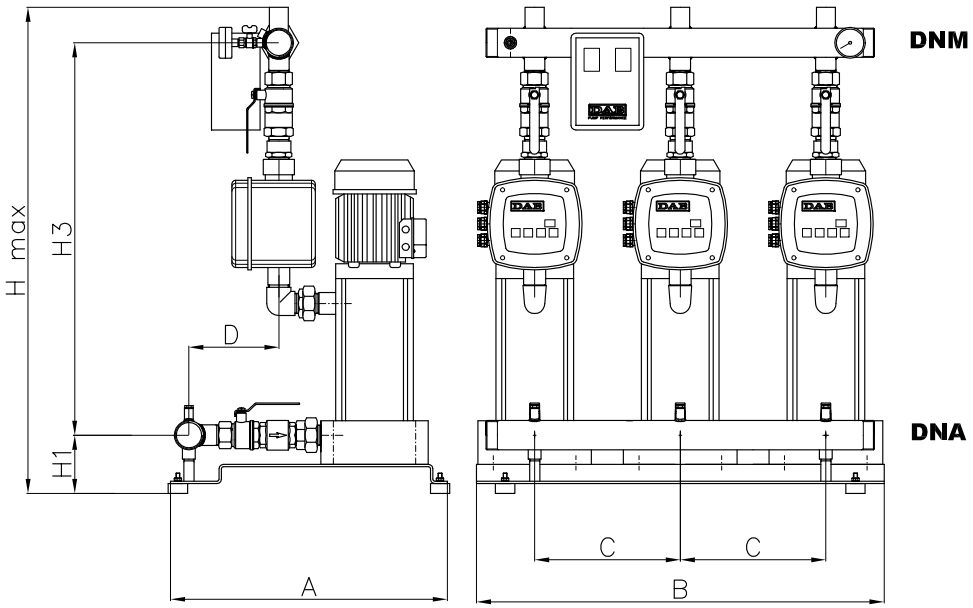
TECHNICAL DATA - 3 KVCX AD

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA	
		VOLTAGE 50 Hz	P2 NOMINAL kW x 3	P2 NOMINAL HP x 3	In A x3	Q m^3/h	H m
3 KVCX A.D. 30/50 M	500140900	1 X 230 V ~	0,55	0,75	4,1	0,5-9,6	40-17
3 KVCX A.D. 55/50 T / N	500140910	3 X 230 V ~	1	1,36	7,6	0,5-9,6	67-28
3 KVCX A.D. 75/50 T / N	500140920	3 X 230 V ~	1,5	2	10,7	0,5-9,6	94-40
3 KVCX A.D. 30/80 T / N	500140930	3 X 230 V ~	0,8	1,1	-	0,7-14,4	46-11
3 KVCX A.D. 45/80 T / N	500140940	3 X 230 V ~	1,1	1,5	-	0,7-14,4	70-20
3 KVCX A.D. 65/80 T / N	500140950	3 X 230 V ~	2,2	3	12	0,7-14,4	95-32
3 KVCX A.D. 35/120 T / N	500140960	3 X 230 V ~	1,1	1,5	-	1,2-24	46-12
3 KVCX A.D. 35/120 T	60112099	3 X 400 V ~	1,1	1,5	3,5	1,2-24	46-12
3 KVCX A.D. 45/120 T / N	500140470	3 X 230 V ~	1,85	2,5	-	1,2-24	61-16
3 KVCX A.D. 45/120 T	60112100	3 X 400 V ~	1,85	2,5	4,6	1,2-24	61-16
3 KVCX A.D. 60/120 T	500140970	3 X 400 V ~	2,2	3	5,8	1,2-24	76,5-20
3 KVCX A.D. 70/120 T	500140980	3 X 400 V ~	3	4	7,8	1,2-24	92-24
3 KVCX A.D. 85/120 T	500140990	3 X 400 V ~	3	4	7,8	1,2-24	107,5-28



DIMENSIONS AND WEIGHTS - 3 KVCX AD

3 KVCX AD



MODEL	A	B	H	H2	H3	DNA	DNM	PACKAGING DIMENSIONS L/A	PACKAGING DIMENSIONS L/B	PACKAGING DIMENSIONS H	WEIGHT Kg
3 KVC A.D. 30/50 M	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	97
3 KVC A.D. 55/50 T / N	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	97
3 KVC A.D. 75/50 T / N	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	97
3 KVC A.D. 30/80 T / N	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	97
3 KVC A.D. 45/80 T / N	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	97
3 KVC A.D. 65/80 T / N	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	97
3 KVC A.D. 35/120 T / N	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	97
3 KVC A.D. 35/120 T	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	156
3 KVC A.D. 45/120 T / N	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	156
3 KVC A.D. 45/120 T	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	153
3 KVC A.D. 60/120 T	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	153
3 KVC A.D. 70/120 T	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	153
3 KVC A.D. 85/120 T	750	900	740	100	710	2 1/2"	2 1/2"	1000	800	1400	153

1 / 2 / 3 KV AD 3 -6-10

SETS WITH ACTIVE DRIVER 3-6-10 AT CONSTANT PRESSURE



Pressure units, particularly suitable for domestic applications and small systems for civil or industrial uses, irrigation systems and washing installations.

CONSTRUCTION FEATURES - COMPONENTS
- 2-3 KV centrifugal multistage electric pump on a vertical axis
- Galvanized steel skid complete with four rubber antivibration feet for 2 or 3-pump units.
- Suction and delivery manifold in galvanized steel for 2 or 3-pump units
- Ball valves on the suction and delivery pipe union of each single pump
- Check valves on suction port of each pump
- 2 Galvanized steel plugs for manifolds for 2 or 3-pump units
- Radial pressure gauge with shut-off valve for 2 or 3-pump units.
- 1 Active Driver module on the discharge line of each pump

ACTIVE DRIVER
PAG. 15

ACCESSORIES
PAG. 699

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		Q m^3/h	H m			
			kW	HP			A	M	
1 KV A.D. 3/12 M	500390010	1 X 230 V ~	1,5	2	0,5-7	100-20	1"¼	1"¼	39
1 KV A.D. 6/11 M	500390020	1 X 230 V ~	1,85	2,5	0,5-8	90-25	1"¼	1"¼	38
1 KV A.D. 10/6 M	500390030	1 X 230 V ~	1,85	2,5	0,5-13	55-20	1"¼	1"¼	38
2 KV A.D. 3/10 T/ N	60121952	3 X 400 V ~ + N	2 x 1,1	2 x 1,5	0,5-14	80-20	2"	2"	120
2 KV A.D. 3/12 T / N	500390110	3 X 400 V ~ + N	2 x 1,5	2 x 2	0,5-14	100-20	2"	2"	125
2 KV A.D. 6/7 T / N	500390170	3 X 400 V ~ + N	2 x 1,1	2 x 1,5	0,5-16	60-20	2"	2"	121
2 KV A.D. 6/9 T / N	500390160	3 X 400 V ~ + N	2 x 1,5	2 x 2	0,5-16	85-25	2"	2"	125
2 KV A.D. 6/11 T / N	500390120	3 X 400 V ~ + N	2 x 1,85	2 x 2,5	0,5-16	90-25	2"	2"	128
2 KV A.D. 10/4 T / N	500390140	3 X 400 V ~ + N	2 x 1,1	2 x 1,5	0,5-26	35-20	2" ½	2" ½	117
2 KV A.D. 10/5 T / N	500390150	3 X 400 V ~ + N	2 x 1,5	2 x 2	0,5-26	50-25	2" ½	2" ½	120
2 KV A.D. 10/6 T / N	500390130	3 X 400 V ~ + N	2 x 1,85	2 x 2,5	0,5-26	55-20	2" ½	2" ½	126
2 KV A.D. 10/8 T	500390180	3 X 400 V ~	2 x 2,2	2 x 3	0,5-26	70-30	2" ½	2" ½	132
3 KV A.D. 3/12 T / N	500390210	3 X 400 V ~ + N	3 x 1,5	3 x 2	0,5-21	100-20	2" ½	2" ½	150
3 KV A.D. 6/11 T / N	500390220	3 X 400 V ~ + N	3 x 1,85	3 x 2,5	0,5-24	90-25	2" ½	2" ½	160
3 KV A.D. 10/6 T / N	500390230	3 X 400 V ~ + N	3 x 1,85	3 x 2,5	0,5-39	55-20	DN 80	DN 80	200
3KV A.D. 10/8 T	60118791	3 X 400 V ~	3 x 2,2	3 x 3	0,5-39	70-30	DN 80	DN 80	220

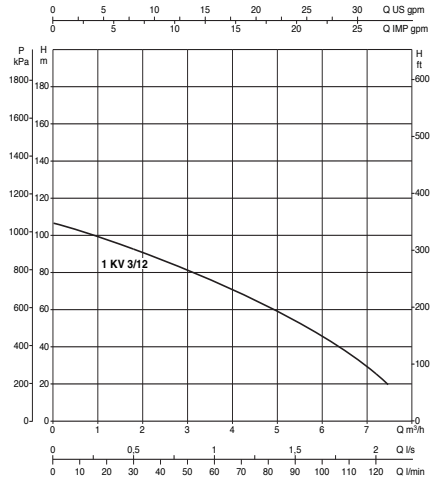
(1) Available on request 3x400 V Three-phase version without neutral wire

DAB PUMPS reserves the right to make modifications without notice

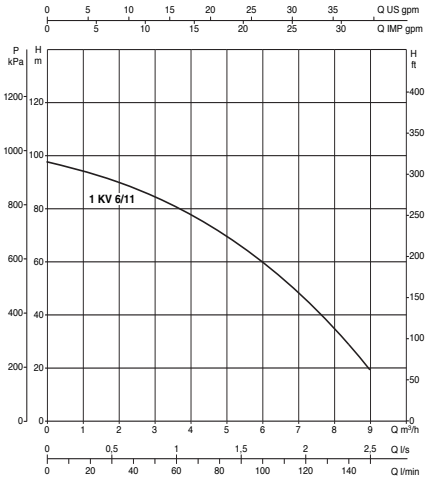
1 / 2 / 3 KV AD 3 -6-10

SETS WITH ACTIVE DRIVER 3-6-10 AT CONSTANT PRESSURE

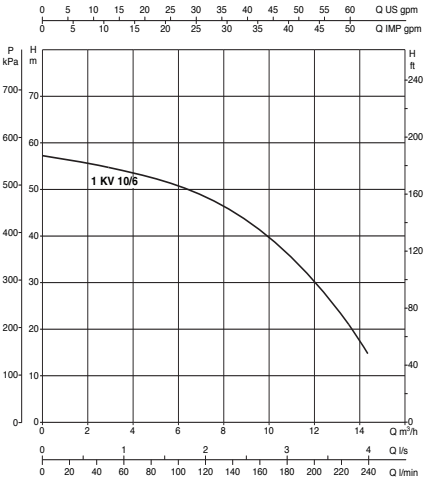
1 KV AD 3



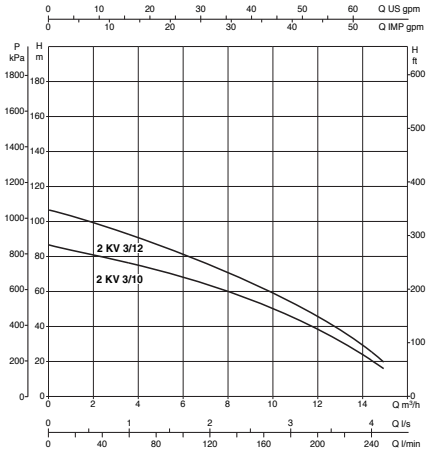
1 KV AD 6



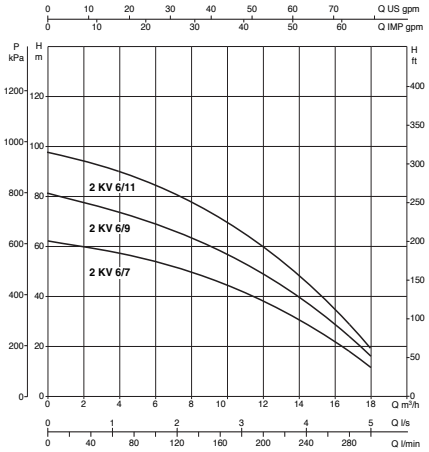
1 KV AD 10



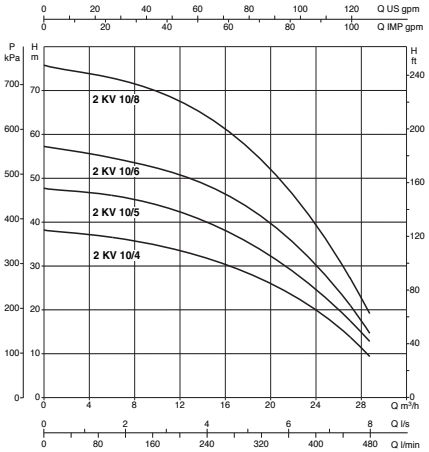
2 KV AD 3



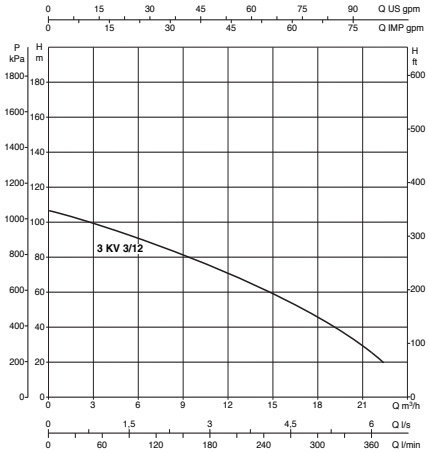
2 KV AD 6



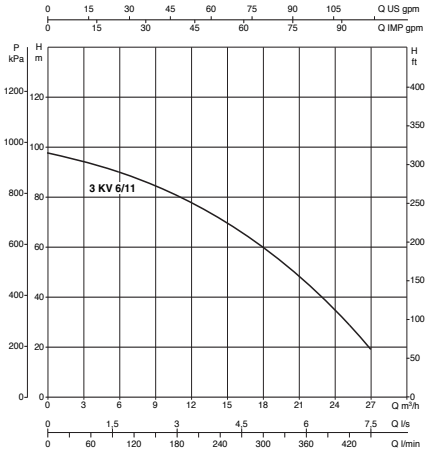
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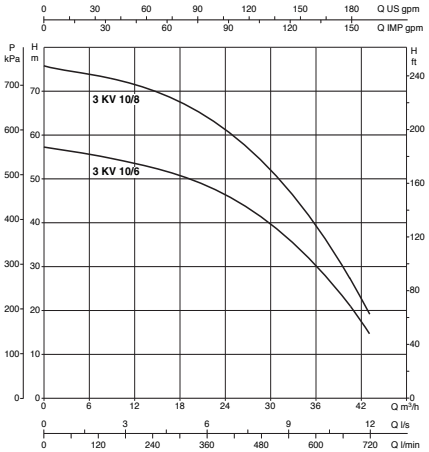
3 KV AD 3



3 KV AD 6

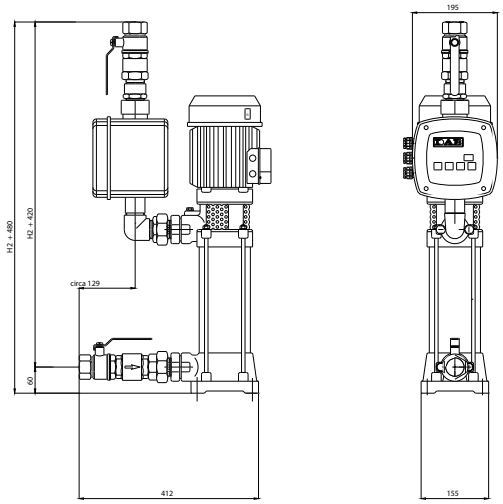


3 KV AD 10

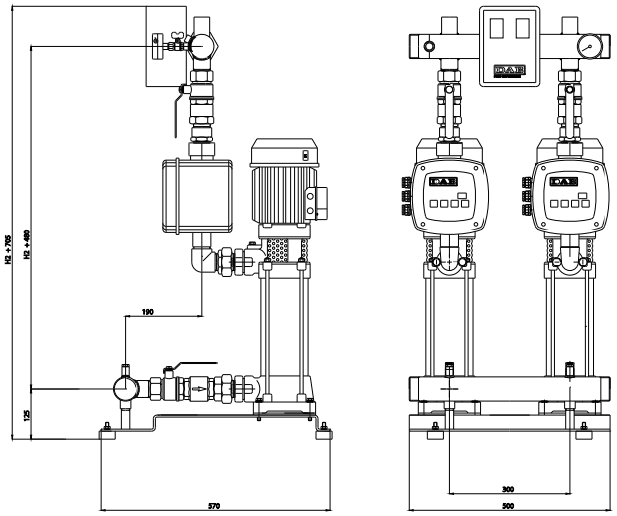


DIMENSIONS

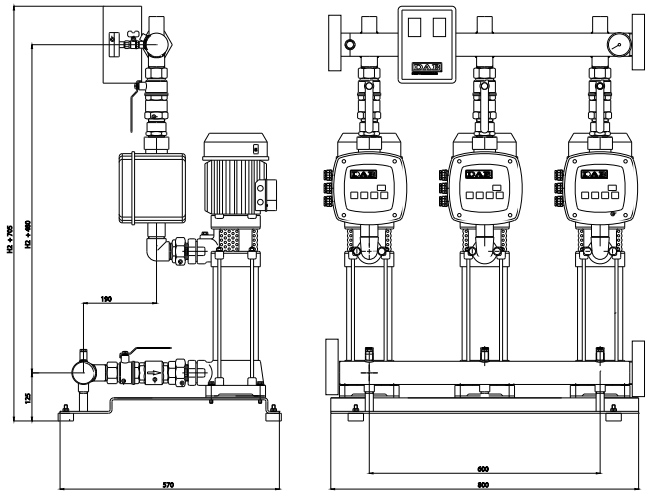
1 KV AD 3-6-10



2 KV AD 3-6-10



3 KV AD 3-6-10



2 NKV AD 10-15

PUMPS SETS WITH ACTIVE DRIVER AT CONSTANT PRESSURE



Applications

Booster sets specifically suitable for civil or industrial use, irrigation systems and washing installations.
These units are acclaimed for their supreme reliability, simplicity of operation and minimal maintenance requirements.

Construction features - components

- 2 NKV 10-15 type multistage vertical centrifugal electric pumps
- Skid in galvanized sheet steel
- Suction and discharge manifolds in galvanized steel (stainless steel on request)
- Ball valves with union on suction and discharge ports of each pump
- Check valves on discharge ports of each pump
- 2 plugs or blank flanges in galvanized steel for closing manifolds
- Radial pressure gauge with isolator valve
- 1 8 litre membrane pressure tank

Electrical section

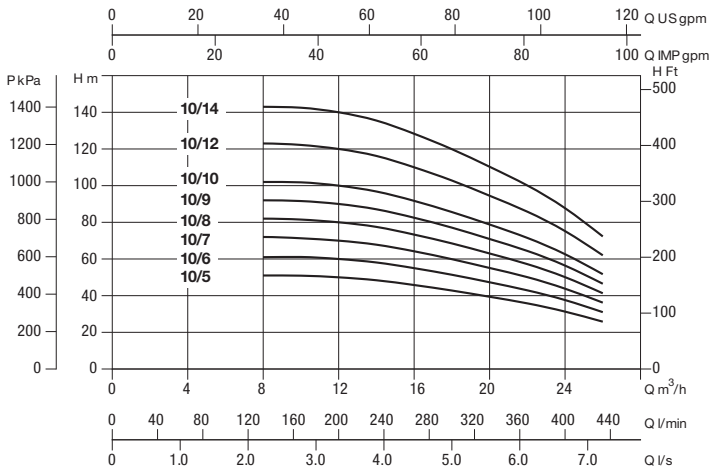
- 1 Modulo Active Driver on discharge line of each pump (see Active Driver information at the beginning of this heading)
- 1 protection control unit

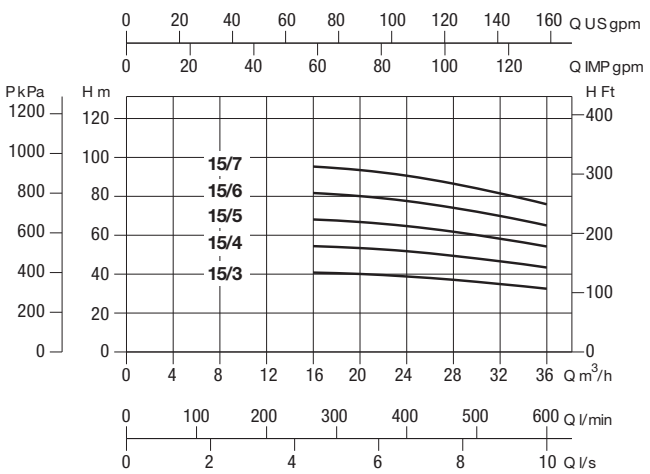
ACTIVE DRIVER
PAG. 15

ACCESSORIES
PAG. 699

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz		P2 NOMINAL		Q m^3/h	H m			
		1 X 230	3 x 400	kW X 2	HP X 2			A	M	
2NKV A.D. 10/5 T	60120087		3 X 400 V ~	2,2	3	4-24	50-30	2" ½	2" ½	276
2NKV A.D. 10/6 T	60120088		3 X 400 V ~	2,2	3	4-24	60 -30	2" ½	2" ½	578
2NKV A.D. 10/7 T	60120089		3 X 400 V ~	3	4	4-24	70-40	2" ½	2" ½	298
2NKV A.D. 10/8 T	60120090		3 X 400 V ~	3	4	4-24	80-50	2" ½	2" ½	300
2NKV A.D. 10/9 T	60120091		3 X 400 V ~	3	4	4-24	90-50	2" ½	2" ½	302
2NKV A.D. 10/10 T	60120092		3 X 400 V ~	4	5,5	4-24	100-60	2" ½	2" ½	322
2NKV A.D. 10/12 T	60120093		3 X 400 V ~	4	5,5	4-24	120-70	2" ½	2" ½	326
2NKV A.D. 10/14 T	60120094		3 X 400 V ~	5,5	7,5	4-24	140 - 80	2" ½	2" ½	382
2NKV A.D. 15/3 T	60120095		3 X 400 V ~	3	4	8-30	40-30	DN 100	DN80	314
2NKV A.D. 15/4 T	60120096		3 X 400 V ~	4	5,5	8-30	50-40	DN 100	DN80	334
2NKV A.D. 15/5 T	60120097		3 X 400 V ~	4	5,5	8-30	65-50	DN 100	DN80	336
2NKV A.D. 15/6 T	60120098		3 X 400 V ~	5,5	7,5	8-30	80-60	DN 100	DN80	392
2NKV A.D. 15/7 T	60120099		3 X 400 V ~	5,5	7,5	8-30	90-70	DN 100	DN80	395





3 NKV AD 10-15

PUMPS SETS WITH ACTIVE DRIVER AT CONSTANT PRESSURE



Applications

Booster sets specifically suitable for civil or industrial use, irrigation systems and washing installations. These units are acclaimed for their supreme reliability, simplicity of operation and minimal maintenance requirements.

Construction features - components

- 3 NKV 10-15 type multistage vertical centrifugal electric pumps
- Skid in galvanized sheet steel
- Suction and discharge manifolds in galvanized steel (stainless steel on request)
- Ball valves with union on suction and discharge ports of each pump
- Check valves on discharge ports of each pump
- 2 plugs or blank flanges in galvanized steel for closing manifolds
- Radial pressure gauge with isolator valve
- 1 8 litre membrane pressure tank

Electrical section

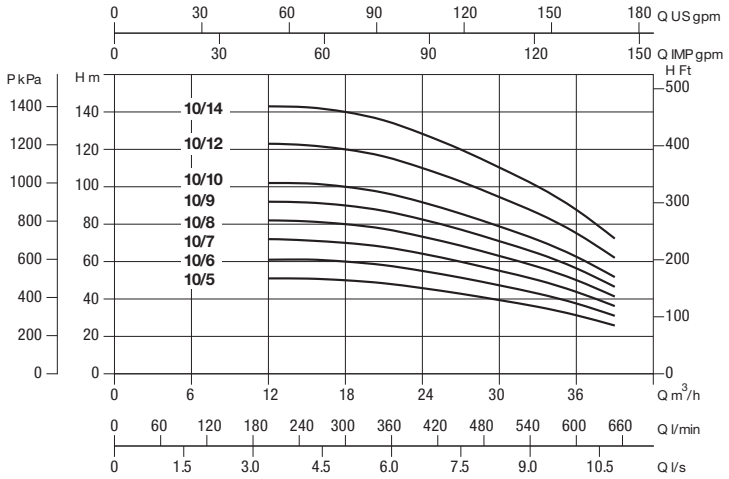
- 1 Active Driver module on the discharge line of each pump (see Active Driver information at the beginning of this heading)
- 1 protection control unit"

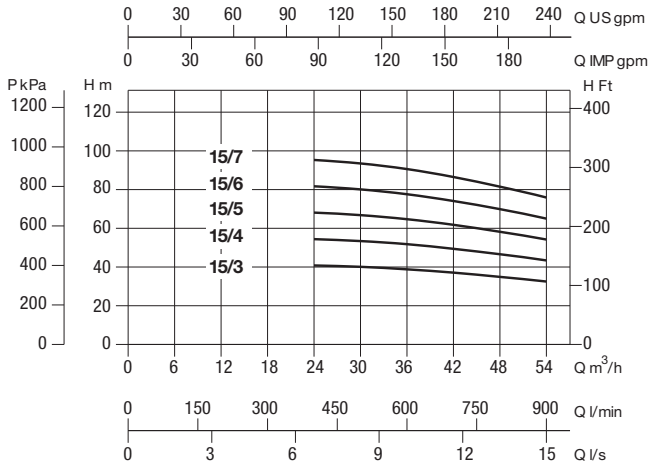
ACTIVE DRIVER
PAG. 15

ACCESSORIES
PAG. 699

TECHNICAL DATA - 3 NKV AD

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz		P2 NOMINAL		Q m³/h	H m			
		1 X 230	3 x 400	kW X 3	HP X 3			A	M	
3NKV A.D. 10/5 T	60120102		3 X 400 V ~	2,2	3	4-24	50-30	DN 80	DN 80	412
3NKV A.D. 10/6 T	60120103		3 X 400 V ~	2,2	3	4-24	60 -30	DN 80	DN 80	415
3NKV A.D. 10/7 T	60120104		3 X 400 V ~	3	4	4-24	70-40	DN 80	DN 80	445
3NKV A.D. 10/8 T	60120105		3 X 400 V ~	3	4	4-24	80-50	DN 80	DN 80	448
3NKV A.D. 10/9 T	60120106		3 X 400 V ~	3	4	4-24	90-50	DN 80	DN 80	452
3NKV A.D. 10/10 T	60120107		3 X 400 V ~	4	5,5	4-24	100-60	DN 80	DN 80	481
3NKV A.D. 10/12 T	60120108		3 X 400 V ~	4	5,5	4-24	120-70	DN 80	DN 80	485
3NKV A.D. 10/14 T	60120109		3 X 400 V ~	5,5	7,5	4-24	140 - 80	DN 80	DN 80	571
3NKV A.D. 15/3 T	60120110		3 X 400 V ~	3	4	8-30	40-30	DN 125	DN100	545
3NKV A.D. 15/4 T	60120111		3 X 400 V ~	4	5,5	8-30	50-40	DN 125	DN100	575
3NKV A.D. 15/5 T	60120112		3 X 400 V ~	4	5,5	8-30	65-50	DN 125	DN100	578
3NKV A.D. 15/6 T	60120113		3 X 400 V ~	5,5	7,5	8-30	80-60	DN 125	DN100	662
3NKV A.D. 15/7 T	60120114		3 X 400 V ~	5,5	7,5	8-30	90-70	DN 125	DN100	668





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2/3/4 NKVE 10 - 15 - 20 MCE/P

SETS WITH MCE/P AT CONSTANT PRESSURE



Boosters composed by N. 2-3-4 multistage vertical electropumps NKVE MCE, each driven by an **MCE/P** inverter.
INOX AISI 304 impellers, All the parts in contact with liquid are stainless.
Threephase asyncronous motor, rigid coupling motor-pump.

MECHANICAL HYDRAULICAL PART
Galvanised baseplate for all pumps
Inox AISI 304 suction and delivery manifolds.
Stop valves on each pump's suction, stop valves and not return valves on each pump's delivery.
n. 2-3 -4 pressure vessels on delivery manifold.

ELECTRIC PART
n.1 MCE/P inverter on each pump
n.1 protection control unit on baseplate
n. 2-3-4 pressure transmitter on delivery manifold

MCE/P
PAG. 6
ACCESSORIES
PAG. 699

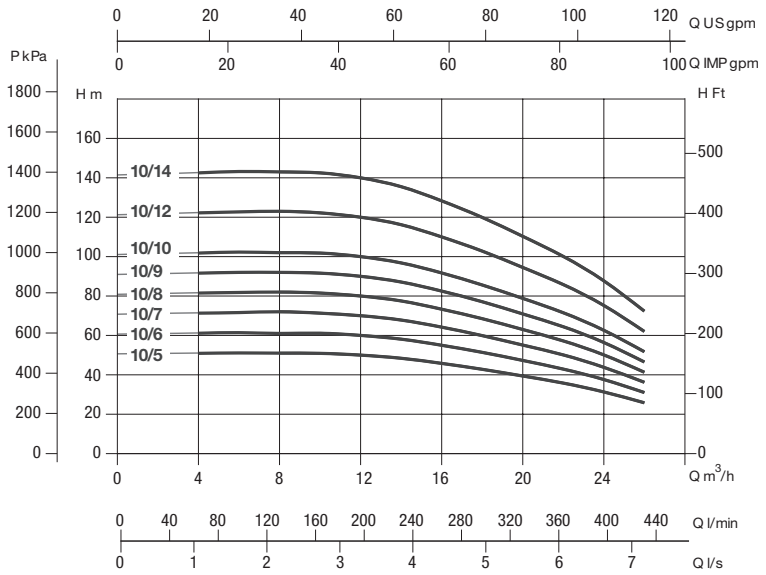
TECHNICAL DATA - 2 NKVE 10-15-20 MCE/P

MODEL	CODE	ELECTRICAL DATA				FLOW RATE m3/h	MAX PRESSURE OBTAINABLE BAR	STANDARD PRESSURE
		VOLTAGE 50 Hz	P2 NOMINAL		In A			
			kW	HP				
2NKVE 10/5 T MCE 400-50	60148092	3 X 400V ~	2x2.2	2x3	2x4.9	26	5	4.0
2NKVE 10/6 T MCE 400-50	60151474	3 X 400V ~	2x2.2	2x3	2x5.4	26	6	5.0
2NKVE 10/7 T MCE 400-50	60148094	3 X 400 V ~	2x3	2x4	2x7.37	26	7	6
2NKVE 10/8 T MCE 400-50	60148095	3 X 400 V ~	2x3	2x4	2x7.37	26	8	6.5
2NKVE 10/9 T MCE 400-50	60148096	3 X 400 V ~	2x3	2x4	2x7.37	26	9	7.7
2NKVE 10/10 T MCE 400-50	60148097	3 X 400 V ~	2x4	2x5.5	2x10.1	26	10	8.5
2NKVE 10/12 T MCE 400-50	60148098	3 X 400 V ~	2x4	2x5.5	2x10.1	26	12	10
2NKVE 10/14 T MCE 400-50	60148099	3 X 400 V ~	2x5.5	2x7.5	2x13.1	26	14	10
2NKVE 15/3 T MCE 400-50	60148100	3 X 400 V ~	2x3	2x4	2x7.37	48	4	3.5
2NKVE 15/4 T MCE 400-50	60148101	3 X 400 V ~	2x4	2x5.5	2x10.1	48	5	4
2NKVE 15/5 T MCE 400-50	60148102	3 X 400 V ~	2x4	2x5.5	2x10.1	48	6.5	5
2NKVE 15/6 T MCE 400-50	60148103	3 X 400 V ~	2x5.5	2x7.5	13,1	48	7.5	6.5
2NKVE 15/7 T MCE 400-50	60148104	3 X 400 V ~	2x5.5	2x7.5	2x13.1	48	9	8
2NKVE 15/8 T MCE 400-50	60148115	3 X 400 V ~	2x7.5	2x10	2x17.6	48	11	10
2NKVE 15/9 T MCE 400-50	60148105	3 X 400 V ~	2x7.5	2x10	2x17.6	48	12	11
2NKVE 15/10 T MCE 400-50	60148106	3 X 400 V ~	2x11	2x15	2x25.5	48	13	12
2NKVE 20/3 T MCE 400-50	60148107	3 X 400 V ~	2x4	2x5.5	2x10.1	58	4	3.5
2NKVE 20/4 T MCE 400-50	60148108	3 X 400 V ~	2x5.5	2x7.5	2x13.1	58	6	5
2NKV 20/5 T MCE 400-50	60148109	3 X 400 V ~	2x5.5	2x7.5	2x13.1	58	7	6
2NKVE 20/6 T MCE 400-50	60148110	3 X 400 V ~	2x7.5	2x10	2x17.6	58	8.5	7.5
2NKVE 20/7 T MCE 400-50	60148111	3 X 400 V ~	2x7.5	2x10	2x17.6	58	10	9
2NKVE 20/8 T MCE 400-50	60148112	3 X 400 V ~	2x11	2x15	2x25.5	58	11.5	10
2NKVE 20/9 T MCE 400-50	60148113	3 X 400 V ~	2x11	2x15	2x25.5	58	13	12
2NKVE 20/10 T MCE 400-50	60148114	3 X 400 V ~	2x11	2x15	2x25.5	58	14	13

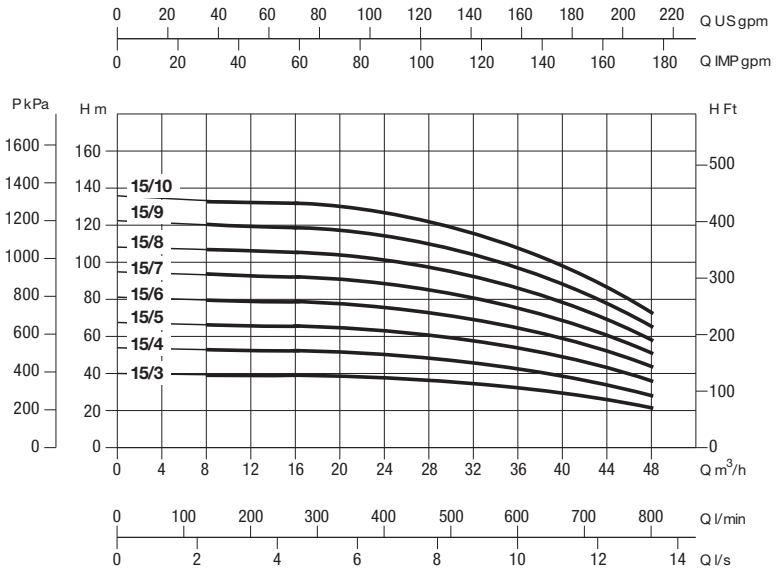
2 NKVE 10 - 15 - 20 MCE/P

SETS WITH MCE/P AT CONSTANT PRESSURE

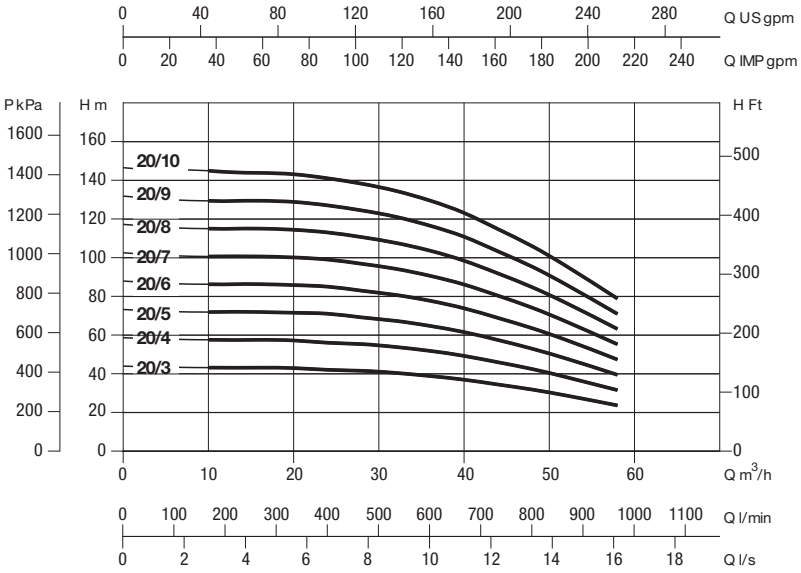
2 NKVE 10



2 NKVE 15

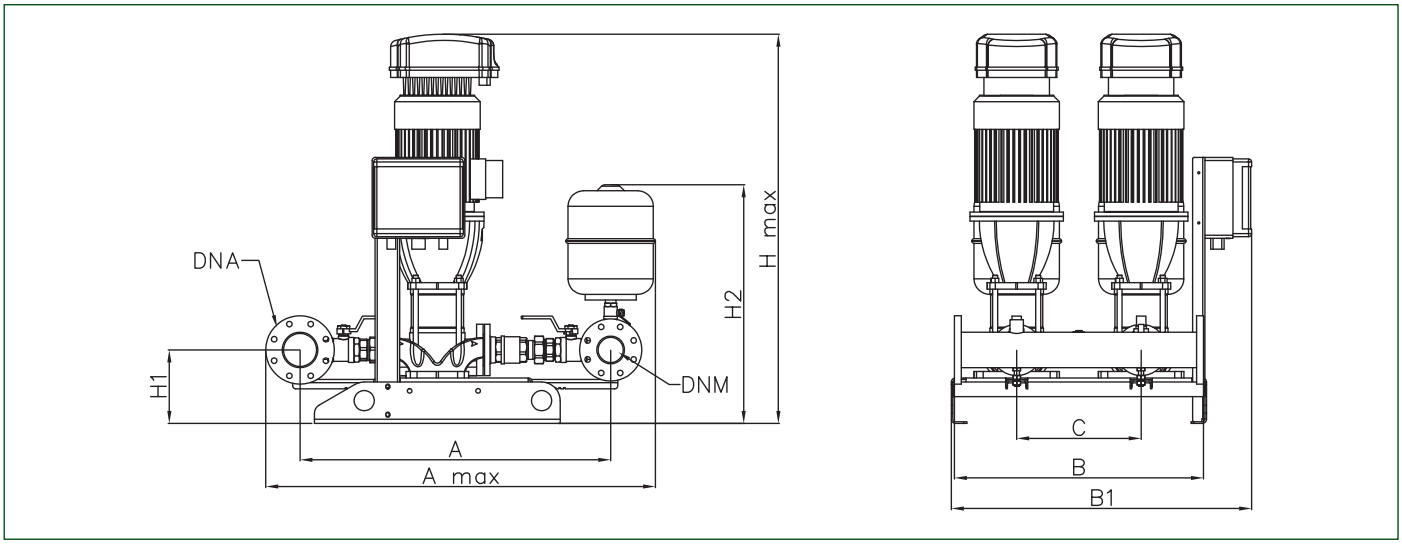


2 NKVE 20



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DIMENSIONS AND WEIGHTS



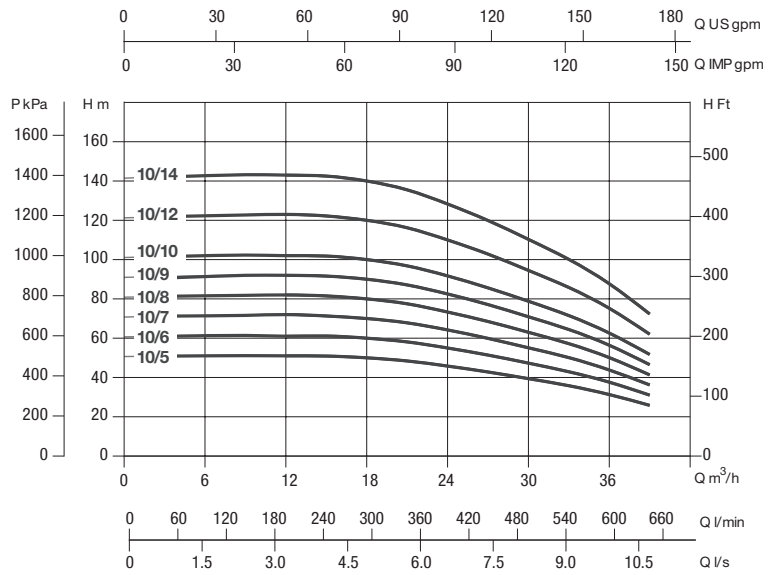
MODEL	A	A MAX	B	B1	C	H1	H2	H MAX	DNA	DNM	PACKAGING DIMENSIONS			WEIGHT Kg
											L/A	L/B	H	
2 NKVE 10/5 T MCE30/P IE2	875	1060	800	965	400	226	755	1109	2" 1/2	2" 1/2	2150	1000	1400	186
2 NKVE 10/6 T MCE30/P IE2	875	1060	800	965	400	226	755	1142	2" 1/2	2" 1/2	2150	1000	1400	187
2 NKVE 10/7 T MCE30/P IE2	875	1060	800	965	400	226	755	1221	2" 1/2	2" 1/2	2150	1000	1400	214
2 NKVE 10/8 T MCE30/P IE2	875	1060	800	965	400	226	755	1254	2" 1/2	2" 1/2	2150	1000	1400	216
2 NKVE 10/9 T MCE30/P IE2	875	1060	800	965	400	226	755	1287	2" 1/2	2" 1/2	2150	1000	1400	218
2 NKVE 10/10 T MCE55/P IE2	875	1060	800	965	400	226	755	1335	2" 1/2	2" 1/2	2150	1000	1400	237
2 NKVE 10/12 T MCE55/P IE2	875	1060	800	965	400	226	755	1401	2" 1/2	2" 1/2	2150	1000	1400	240
2 NKVE 10/14 T MCE55/P IE2	875	1060	800	965	400	226	755	1597	2" 1/2	2" 1/2	2150	1000	1400	298
2 NKVE 15/3 T MCE30/P IE2	1000	1255	800	965	400	236	770	1160	100	80	2150	1000	1400	238
2 NKVE 15/4 T MCE55/P IE2	1000	1255	800	965	400	236	770	1225	100	80	2150	1000	1400	258
2 NKVE 15/5 T MCE55/P IE2	1000	1255	800	965	400	236	770	1274	100	80	2150	1000	1400	261
2 NKVE 15/6 T MCE55/P IE2	1000	1255	800	965	400	236	770	1453	100	80	2150	1000	1400	317
2 NKVE 15/7 T MCE55/P IE2	1000	1255	800	965	400	236	770	1503	100	80	2150	1000	1400	319
2 NKVE 15/8 T MCE110/P IE2	1000	1255	800	965	400	236	770	1602	100	80	2150	1000	1400	344
2 NKVE 15/9 T MCE110/P IE2	1000	1255	800	965	400	236	770	1652	100	80	2150	1000	1400	347
2 NKVE 15/10 T MCE110/P IE2	1000	1255	800	965	400	236	770	1846	100	80	2150	1000	1400	459
2 NKVE 20/3 T MCE55/P IE2	1000	1255	800	965	400	236	770	1175	100	80	2150	1000	1400	228
2 NKVE 20/4 T MCE55/P IE2	1000	1255	800	965	400	236	770	1354	100	80	2150	1000	1400	256
2 NKVE 20/5 T MCE55/P IE2	1000	1255	800	965	400	236	770	1404	100	80	2150	1000	1400	260
2 NKVE 20/6 T MCE110/P IE2	1000	1255	800	965	400	236	770	1503	100	80	2150	1000	1400	284
2 NKVE 20/7 T MCE110/P IE2	1000	1255	800	965	400	236	770	1553	100	80	2150	1000	1400	286
2 NKVE 20/8 T MCE110/P IE2	1000	1255	800	965	400	236	770	1747	100	80	2150	1000	1400	350
2 NKVE 20/9 T MCE110/P IE2	1000	1255	800	965	400	236	770	1796	100	80	2150	1000	1400	352
2 NKVE 20/10 T MCE110/P IE2	1000	1255	800	965	400	236	770	1846	100	80	2150	1000	1400	374

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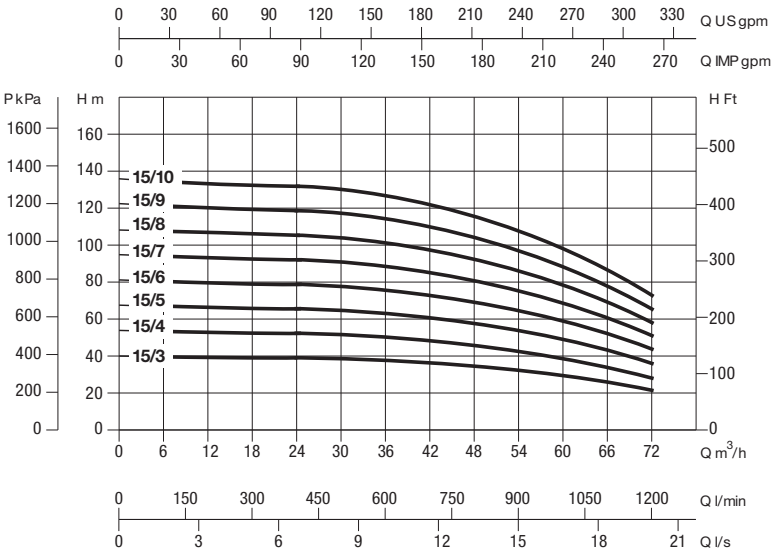
TECHNICAL DATA - 3 NKVE 10-15-20 MCE

MODEL	CODE	ELECTRIC DATA				FLOW RATE m3/h	MAX PRESSURE OBTAINABLE BAR	STANDARD PRESSURE
		VOLTAGE 50 Hz	P2 NOMINAL		In A			
			kW	HP				
3NKVE 10/5 T MCE 400-50	60148118	3 X 400 V ~	3x2.2	3x3	3x4.9	39	5	4.0
3NKVE 10/6 T MCE 400-50	60148119	3 X 400 V ~	3x2.2	3x3	3x5.4	39	6	5.0
3NKVE 10/7 T MCE 400-50	60148120	3 X 400 V ~	3x3	3x4	3x7.37	39	7	6
3NKVE 10/8 T MCE 400-50	60148121	3 X 400 V ~	3x3	3x4	3x7.37	39	8	6.5
3NKVE 10/9 T MCE 400-50	60148122	3 X 400 V ~	3x3	3x4	3x7.37	39	9	7.7
3NKVE 10/10 T MCE 400-50	60148123	3 X 400 V ~	3x4	3x5.5	3x10.1	39	10	8.5
3NKVE 10/12 T MCE 400-50	60148124	3 X 400 V ~	3x4	2x5.5	3x10.1	39	12	10
3NKVE 10/14 T MCE 400-50	60148125	3 X 400 V ~	3x5.5	3x7.5	3x13.1	39	14	10
3NKVE 15/3 T MCE 400-50	60148126	3 X 400 V ~	3x3	3x4	3x7.37	72	4	3.5
3NKVE 15/4 T MCE 400-50	60148127	3 X 400 V ~	3x4	3x5.5	3x10.1	72	5	4
3NKVE 15/5 T MCE 400-50	60148128	3 X 400 V ~	3x4	3x5.5	3x10.1	72	6.5	5
3NKVE 15/6 T MCE 400-50	60148129	3 X 400 V ~	3x5.5	3x7.5	3X13.1	72	7.5	6.5
3NKVE 15/7 T MCE 400-50	60148130	3 X 400 V ~	3x5.5	3x7.5	3x13.1	72	9	8
3NKVE 15/8 T MCE 400-50	60148131	3 X 400 V ~	3x7.5	3x10	3x17.6	72	11	10
3NKVE 15/9 T MCE 400-50	60148132	3 X 400 V ~	3x7.5	3x10	3x17.6	72	12	11
3NKVE 15/10 T MCE 400-50	60148133	3 X 400 V ~	3x11	3x15	3x25.5	72	13	12
3NKVE 20/3 T MCE 400-50	60148134	3 X 400 V ~	3x4	3x5.5	3x10.1	87	4	3.5
3NKVE 20/4 T MCE 400-50	60148135	3 X 400 V ~	3x5.5	3x7.5	3x13.1	87	6	5
3NKVE 20/5 T MCE 400-50	60148136	3 X 400 V ~	3x5.5	3x7.5	3x13.1	87	7	6
3NKVE 20/6 T MCE 400-50	60148137	3 X 400 V ~	3x7.5	3x10	3x17.6	87	8.5	7.5
3NKVE 20/7 T MCE 400-50	60148138	3 X 400 V ~	3x7.5	3x10	3x17.6	87	10	9
3NKVE 20/8 T MCE 400-50	60148139	3 X 400 V ~	3x11	3x15	3x25.5	87	11.5	10
3NKVE 20/9 T MCE 400-50	60148140	3 X 400 V ~	3x11	3x15	3x25.5	87	13	12
3NKVE 20/10 T MCE 400-5	60148141	3 X 400 V ~	3x11	3x15	3x25.5	87	14	13

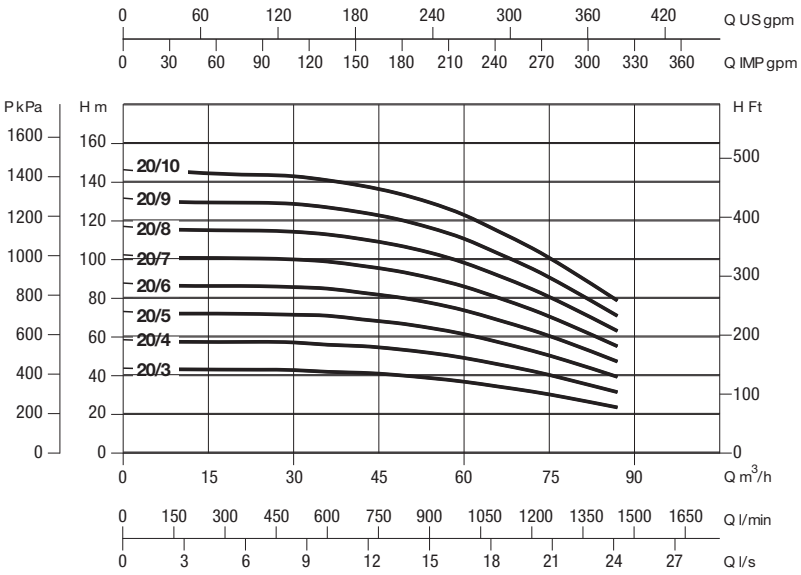
3 NKVE 10



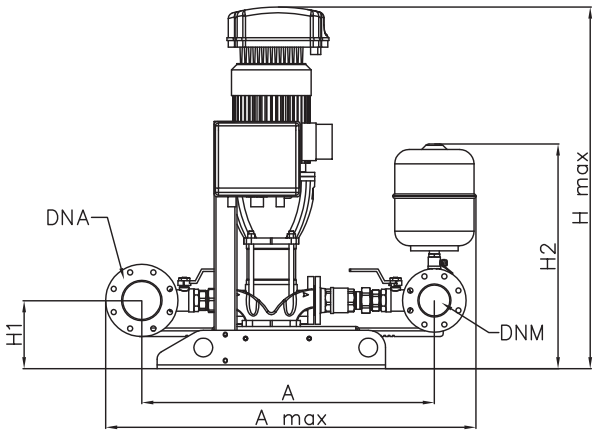
3 NKVE 15

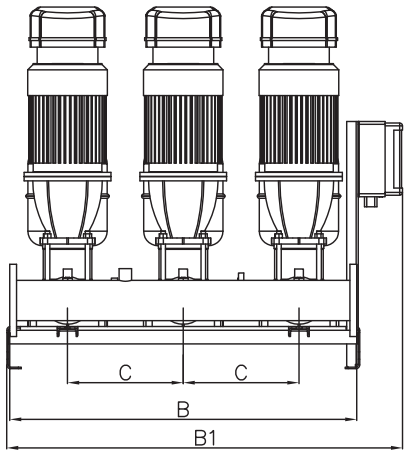


3 NKVE 20



DIMENSIONS AND WEIGHTS





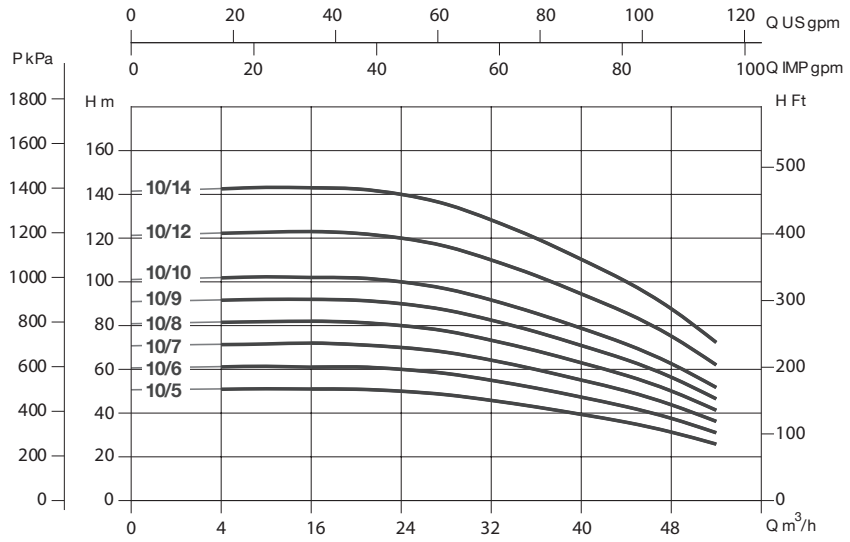
MODEL	A	A MAX	B	B1	C	H1	H2	H MAX	DNA	DNM	PACKAGING DIMENSIONS			WEIGHT Kg
											L/A	L/B	H	
3 NKVE 10/5 T MCE30/P IE2	885	1130	1200	1370	400	226	755	1109	80	80	2150	1400	1800	425
3 NKVE 10/6 T MCE30/P IE2	885	1130	1200	1370	400	226	755	1142	80	80	2150	1400	1800	428
3 NKVE 10/7 T MCE30/P IE2	885	1130	1200	1370	400	226	755	1221	80	80	2150	1400	1800	468
3 NKVE 10/8 T MCE30/P IE2	885	1130	1200	1370	400	226	755	1254	80	80	2150	1400	1800	471
3 NKVE 10/9 T MCE30/P IE2	885	1130	1200	1370	400	226	755	1287	80	80	2150	1400	1800	473
3 NKVE 10/10 T MCE55/P IE2	885	1130	1200	1370	400	226	755	1335	80	80	2150	1400	1800	503
3 NKVE 10/12 T MCE55/P IE2	885	1130	1200	1370	400	226	755	1401	80	80	2150	1400	1800	508
3 NKVE 10/14 T MCE55/P IE2	885	1130	1200	1370	400	226	755	1597	80	80	2150	1400	1800	593
3 NKVE 15/3 T MCE30/P IE2	1115	1285	1200	1370	400	236	780	1160	125	100	2150	1400	1800	486
3 NKVE 15/4 T MCE55/P IE2	1115	1285	1200	1370	400	236	780	1225	125	100	2150	1400	1800	516
3 NKVE 15/5 T MCE55/P IE2	1115	1285	1200	1370	400	236	780	1274	125	100	2150	1400	1800	520
3 NKVE 15/6 T MCE55/P IE2	1115	1285	1200	1370	400	236	780	1453	125	100	2150	1400	1800	605
3 NKVE 15/7 T MCE55/P IE2	1115	1285	1200	1370	400	236	780	1503	125	100	2150	1400	1800	608
3 NKVE 15/8 T MCE110/P IE2	1115	1285	1200	1370	400	236	780	1602	125	100	2150	1400	1800	645
3 NKVE 15/9 T MCE110/P IE2	1115	1285	1200	1370	400	236	780	1652	125	100	2150	1400	1800	649
3 NKVE 15/10 T MCE110/P IE2	1115	1285	1200	1370	400	236	780	1846	125	100	2150	1400	1800	818
3 NKVE 20/3 T MCE55/P IE2	1115	1285	1200	1370	400	236	780	1175	125	100	2150	1400	1800	471
3 NKVE 20/4 T MCE55/P IE2	1115	1285	1200	1370	400	236	780	1354	125	100	2150	1400	1800	513
3 NKVE 20/5 T MCE55/P IE2	1115	1285	1200	1370	400	236	780	1404	125	100	2150	1400	1800	519
3 NKVE 20/6 T MCE110/P IE2	1115	1285	1200	1370	400	236	780	1503	125	100	2150	1400	1800	556
3 NKVE 20/7 T MCE110/P IE2	1115	1285	1200	1370	400	236	780	1553	125	100	2150	1400	1800	559
3 NKVE 20/8 T MCE110/P IE2	1115	1285	1200	1370	400	236	780	1747	125	100	2150	1400	1800	655
3 NKVE 20/9 T MCE110/P IE2	1115	1285	1200	1370	400	236	780	1796	125	100	2150	1400	1800	658
3 NKVE 20/10 T MCE110/P IE2	1115	1285	1200	1370	400	236	780	1846	125	100	2150	1400	1800	691

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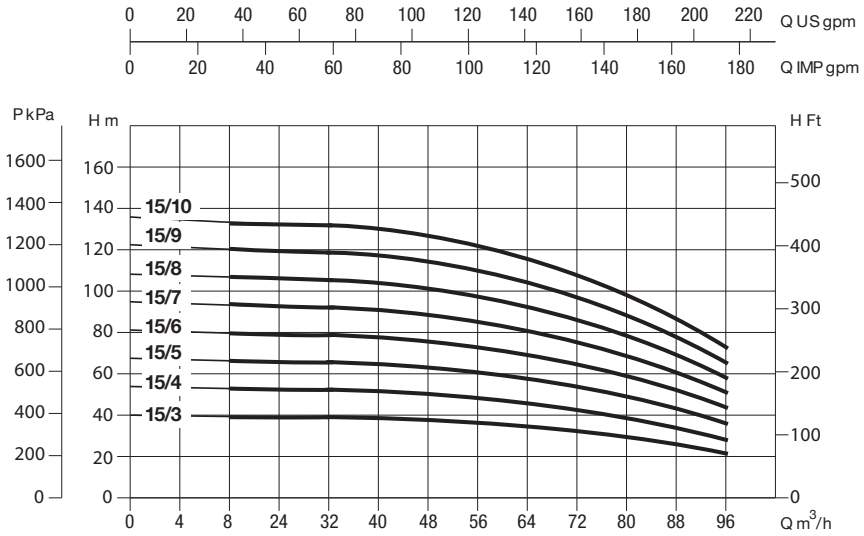
TECHNICAL DATA - 4 NKVE 10-15-20 MCE

MODEL	CODE	ELECTRICAL DATA				FLOW RATE m3/h	MAX PRESSURE OBTAINABLE BAR	STANDARD PRESSURE
		VOLTAGE 50 Hz	P2 NOMINAL		In A			
			kW	HP				
4NKVE 10/5 T MCE 400-50	60163261	3X 400V	4x 2,2	4x3	4x4,9	52	5	4
4NKVE 10/6 T MCE 400-50	60163262	3X 400V	4x 2,2	4x3	4x5,4	52	6	5
4NKVE 10/7 T MCE 400-50	60163263	3X 400V	4x3	4x4	4x7,37	52	7	6
4NKVE 10/8 T MCE 400-50	60163264	3X 400V	4x3	4x4	4x7,37	52	8	6,5
4NKVE 10/9 T MCE 400-50	60163265	3X 400V	4x3	4x4	4x7,37	52	9	7,7
4NKVE 10/10 T MCE 400-50	60163266	3X 400V	4x4	4x5,5	4x10,1	52	10	8,5
4NKVE 10/12 T MCE 400-50	60163267	3X 400V	4x4	4x5,5	4x10,1	52	12	10
4NKVE 15/3 T MCE 400-50	60163268	3X 400V	4x3	4x4	4x7,37	96	4	3,5
4NKVE 15/4 T MCE 400-50	60163269	3X 400V	4x4	4x5,5	4x10,1	96	5	4
4NKVE 15/5 T MCE 400-50	60163270	3X 400V	4x4	4x5,5	4x10,1	96	6,5	5
4NKVE 15/6 T MCE 400-50	60163271	3X 400V	4x5,5	4x7,5	4x13,1	96	7,5	6,5
4NKVE 15/7 T MCE 400-50	60163272	3X 400V	4x5,5	4x7,5	4x13,1	96	9	8
4NKVE 15/8 T MCE 400-50	60163273	3X 400V	4x7,5	4x10	4x17,6	96	11	10
4NKVE 15/9 T MCE 400-50	60163274	3X 400V	4x7,5	4x10	4x17,6	96	12	11
4NKVE 15/10 T MCE 400-50	60163275	3X 400V	4x11	4x15	4x25,5	96	13	12
4NKVE 20/3 T MCE 400-50	60163276	3X 400V	4x4	4x5,5	4x10,1	116	4	3,5
4NKVE 20/4 T MCE 400-50	60163277	3X 400V	4x5,5	4x7,5	4x13,1	116	6	5
4NKVE 20/5 T MCE 400-50	60163278	3X 400V	4x5,5	4x7,5	4x13,1	116	7	6
4NKVE 20/6 T MCE 400-50	60163279	3X 400V	4x7,5	4x10	4x17,6	116	8,5	7,5
4NKVE 20/7 T MCE 400-50	60163280	3X 400V	4x7,5	4x10	4x17,6	116	10	9
4NKVE 20/8 T MCE 400-50	60163281	3X 400V	4x11	4x15	4x25,5	116	11,5	10
4NKVE 20/9 T MCE 400-50	60163282	3X 400V	4x11	4x15	4x25,5	116	13	12
4NKVE 20/10 T MCE 400-50	60163283	3X 400V	4x11	4x15	4x25,5	116	14	13

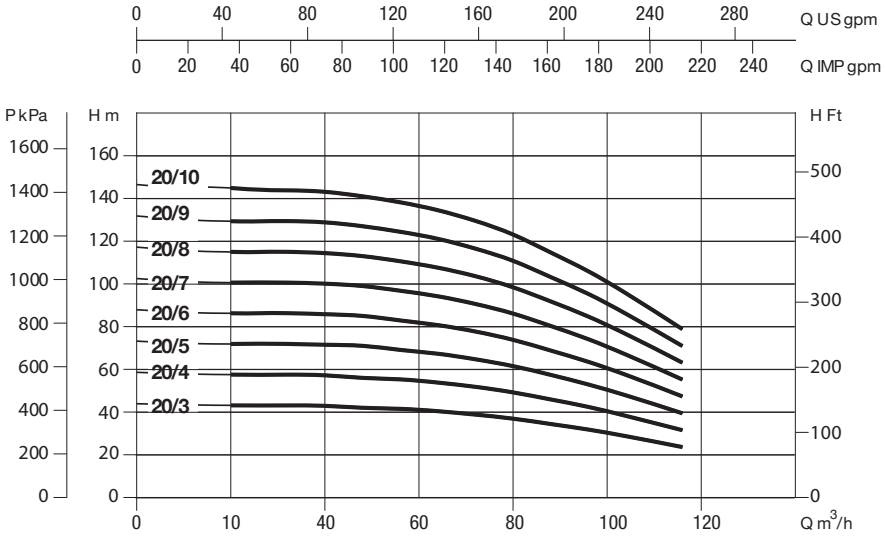
4 NKVE 10



4 NKVE 15

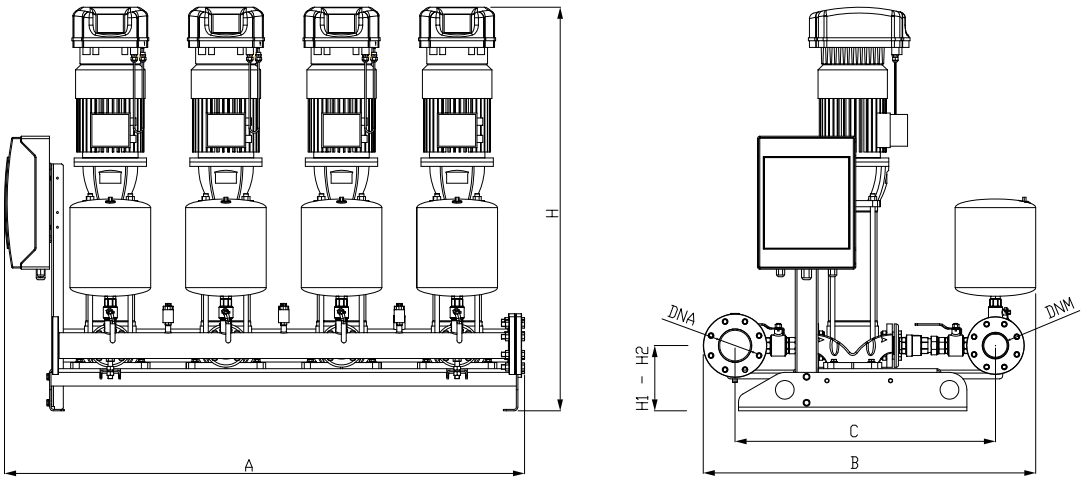


4 NKVE 20



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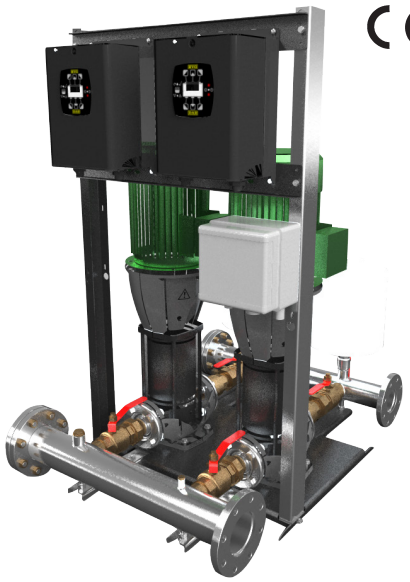
DIMENSIONS AND WEIGHTS



MODEL	A	B	C	H	H1	H2	DNA	DNM	PACKAGING DIMENSIONS			WEIGHT Kg
									L/A	L/B	H	
4NKVE 10/5 T MCE 400-50	1800	1150	900	1108	226	226	100	80	2250	1500	2200	327
4NKVE 10/6 T MCE 400-50	1800	1150	900	1141	226	226	100	80	2250	1500	2200	571
4NKVE 10/7 T MCE 400-50	1800	1150	900	1221	226	226	100	80	2250	1500	2200	624
4NKVE 10/8 T MCE 400-50	1800	1150	900	1254	226	226	100	80	2250	1500	2200	628
4NKVE 10/9 T MCE 400-50	1800	1150	900	1287	226	226	100	80	2250	1500	2200	631
4NKVE 10/10 T MCE 400-50	1800	1150	900	1335	226	226	100	80	2250	1500	2200	671
4NKVE 10/12 T MCE 400-50	1800	1150	900	1401	226	226	100	80	2250	1500	2200	678
4NKVE 15/3 T MCE 400-50	1800	1330	1050	1160	236	236	150	125	2250	1500	2200	648
4NKVE 15/4 T MCE 400-50	1800	1330	1050	1225	236	236	150	125	2250	1500	2200	688
4NKVE 15/5 T MCE 400-50	1800	1330	1050	1274	236	236	150	125	2250	1500	2200	694
4NKVE 15/6 T MCE 400-50	1800	1330	1050	1453	236	236	150	125	2250	1500	2200	807
4NKVE 15/7 T MCE 400-50	1800	1330	1050	1503	236	236	150	125	2250	1500	2200	811
4NKVE 15/8 T MCE 400-50	1800	1330	1050	1602	236	236	150	125	2250	1500	2200	860
4NKVE 15/9 T MCE 400-50	1800	1330	1050	1652	236	236	150	125	2250	1500	2200	865
4NKVE 15/10 T MCE 400-50	1800	1330	1050	1846	236	236	150	125	2250	1500	2200	919
4NKVE 20/3 T MCE 400-50	1800	1330	1050	1175	236	236	150	125	2250	1500	2200	628
4NKVE 20/4 T MCE 400-50	1800	1330	1050	1354	236	236	150	125	2250	1500	2200	684
4NKVE 20/5 T MCE 400-50	1800	1330	1050	1404	236	236	150	125	2250	1500	2200	692
4NKVE 20/6 T MCE 400-50	1800	1330	1050	1503	236	236	150	125	2250	1500	2200	741
4NKVE 20/7 T MCE 400-50	1800	1330	1050	1553	236	236	150	125	2250	1500	2200	745
4NKVE 20/8 T MCE 400-50	1800	1330	1050	1747	236	236	150	125	2250	1500	2200	873
4NKVE 20/9 T MCE 400-50	1800	1330	1050	1796	236	236	150	125	2250	1500	2200	877
4NKVE 20/10 T MCE 400-5	1800	1330	1050	1846	236	236	150	125	2250	1500	2200	921

2 NKVE 10 - 15 - 20 WITH ADAC

SETS WITH ADAC AT CONSTANT PRESSURE



Boosters composed by N. 2 multistage vertical electropumps NKVE ADAC, each driven by an **ADAC** inverter.

MAIN CHARACTERISTICS
INOX AISI 304 impellers, All the parts in contact with liquid are stainless. Three-phase asyncronous motor, rigid coupling motor-pump.

MECHANICAL HYDRAULICAL PART
Galvanised baseplate for all pumps
Inox AISI 304 suction and delivery manifolds.
Stop valves on each pump's suction, stop valves and not return valves on each pump's delivery.
n. 2 pressure vessels on delivery manifold.

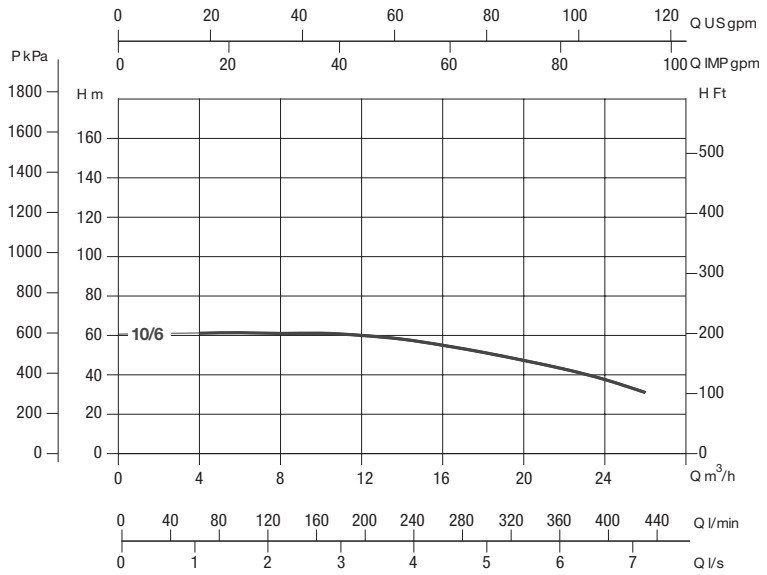
ADAC
PAG. 11

TECHNICAL DATA

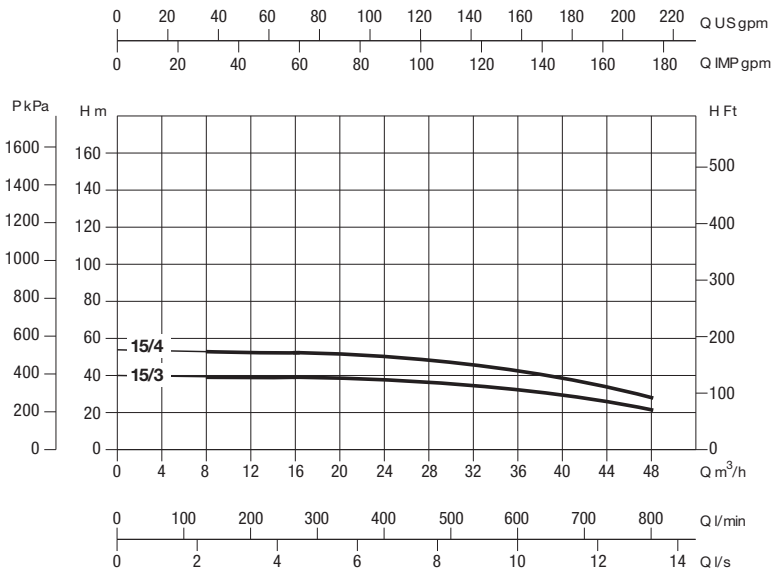
MODEL	CODE	ELECTRICAL DATA				INVERTER MODEL	CONTROL PANEL MODEL	MAX FLOW RATE m^3/h	MAX PRESSURE OBTAINABLE	STANDARD PRESSURE [bar]
		VOLTAGE 50 Hz	P2 NOMINAL		In A					
			kW x 2	HP x 2						
2NKVE 15/3 T ADAC 400-50	60151808	3 X 400 V ~	3	4	2x7.37	AD T/T 3.0 AC	E2G11T MCE(16A MAX) 400V C/CAVI	48	4	3.5
2NKVE 15/4 T ADAC 400-50	60151809	3 X 400 V ~	4	5.5	2x10.1	AD T/T 3.0 AC	E2G11T MCE(16A MAX) 400V C/CAVI	48	5	4
2NKVE 10/6 T ADAC 400-50	60151810	3 X 400 V ~	2.2	3	2x5.4	AD T/T 3.0 AC	E2G11T MCE(16A MAX) 400V C/CAVI	26	6	5
2NKVE 20/4 T ADAC 400-50	60151811	3 X 400 V ~	5.5	7.5	2x13.1	AD T/T 4.0 AC	E2G11T MCE(16A MAX) 400V C/CAVI	58	6	5

Available on request units ADAC inverter with other type of pumps.
For more information contact our Sales Network.

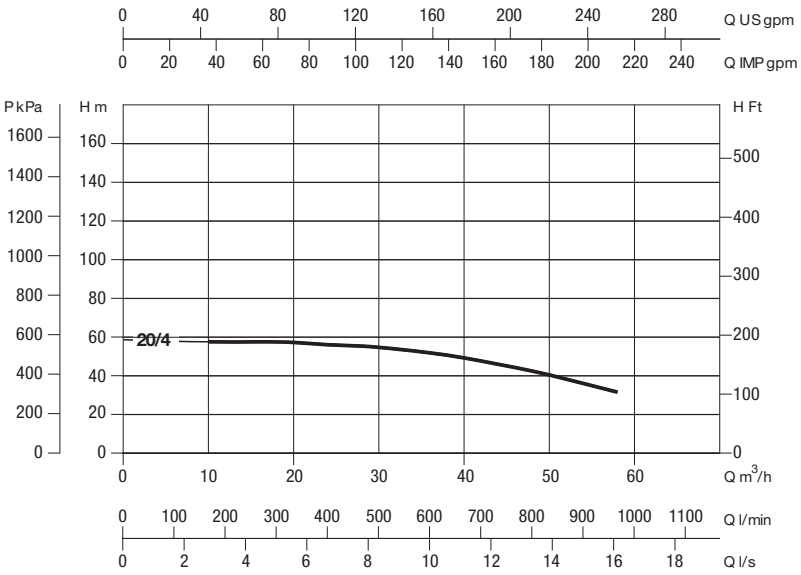
2 NKVE 10/6



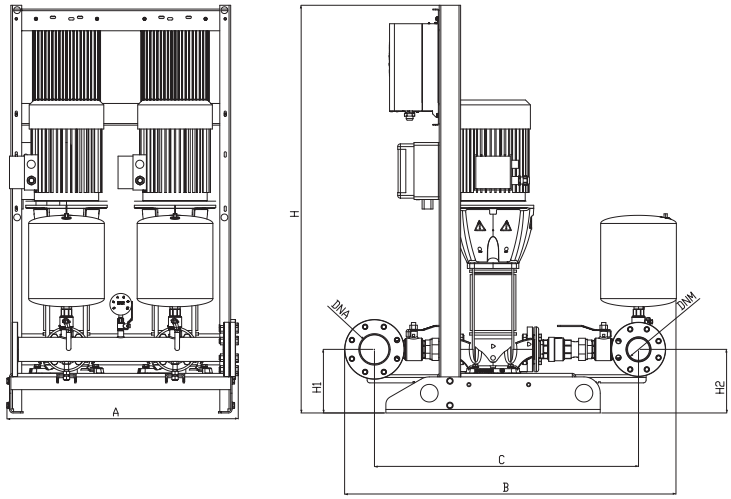
2 NKVE 15/3 - 15/4



2 NKVE 20/4



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	H	H1	H2	DNA	DNM	PACKAGING DIMENSIONS			WEIGHT Kg
									L/A	L/B	H	
2NKVE 10/6 T ADAC 400-50	853	1060	875	1503	225	225	2" 1/2	2" 1/2	2000	1000	1400	207
2NKVE 15/3 T ADAC 400-50	853	1221	973	1503	235	235	100	80	2000	1000	1400	258
2NKVE 15/4 T ADAC 400-50	853	1221	973	1503	235	235	100	80	2000	1000	1400	278
2NKVE 20/4 T ADAC 400-50	853	1221	973	1503	235	235	100	80	2000	1000	1400	280

2/3 KVE 3-6-10

SETS WITH 2-3 MULTISTAGE CENTRIFUGAL PUMPS ON A VERTICAL AXIS



Water lifting sets suitable for domestic, small installations for civil, agricultural or industrial use.
The use of vertically-mounted multistage centrifugal electric pumps ensures outstanding performance and elevated efficiency.
They are particularly compact and strong, totally reliable and extremely silent-running.

HYDRAULIC PART
- 2-3 KV3 – 6 – 10 vertical multistage electric pump;
- Tropicalised galvanised sheet base complete with 4 anti-vibration rubber feet;
- Suction and delivery manifold in tropicalised galvanised steel (threaded for 2 KVE 3-6-10 and 3 KV 3-6 sets, flanged for 3 KVE 10 sets);
- Caps or blank flanges for closing manifolds;
- Ball valves on the suction and delivery pipe union of each single pump;
- Check valve on the suction side of each pump;
- 2-3 membrane tanks;
- Radial pressure gauge with shut-off valve;
- Galvanised steel column support for electrical panel;

TECHNICAL DATA - 2 KVE

MODEL	CODE	ELECTRICAL DATA		HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		Q	H		
			kW x 2	HP x 2	m³/h	m	A	M	
2 KVE 3/10 T	**500440090**	3 X 400 V ~	1,1	1,5	1,8-14,4	77-24	2"	2"	123
2 KVE 3/12 T	**500440100**	3 X 400 V ~	1,5	2	1,8-14,4	92-29	2"	2"	131
2 KVE 3/15 T	**500440110**	3 X 400 V ~	1,84	2,5	1,8-14	115,5-36	2"	2"	134
2 KVE 3/18 T	**500440120**	3 X 400 V ~	2,2	3	1,8-14	139-43	2"	2"	141
2 KVE 6/7 T	**500440130**	3 X 400 V ~	1,1	1,5	2-17	55-17	2"	2"	125
2 KVE 6/9 T	**500440140**	3 X 400 V ~	1,5	2	2-17	74-22	2"	2"	121
2 KVE 6/11 T	**500440150**	3 X 400 V ~	1,84	2,5	2-17	90-27	2"	2"	127
2 KVE 6/15 T	**500440160**	3 X 400 V ~	2,2	3	2-27	123-37	2"	2"	147
2 KVE 10/4 T	**500440170**	3 X 400 V ~	1,1	1,5	3-27	37-14	2" ½	2" ½	117
2 KVE 10/5 T	**500440180**	3 X 400 V ~	1,5	2	3-27	46-17,5	2" ½	2" ½	130
2 KVE 10/6 T	**500440190**	3 X 400 V ~	1,5	2	3-27	55-21	2" ½	2" ½	135
2 KVE 10/8 T	**500440200**	3 X 400 V ~	2,2	3	3-27	73,5-28	2" ½	2" ½	133

TECHNICAL DATA - 3 KVE

MODEL	CODE	ELECTRICAL DATA		HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		Q	H		
			kW X 3	HP X 3	m³/h	m	A	M	
3 KVE 3/10 T	**500442000**	3 X 400 V ~	1,1	1,5	1,8-21,6	77-24	2" ½	2" ½	248
3 KVE 3/12 T	**500442010**	3 X 400 V ~	1,5	2	1,8-21,6	92-29	2" ½	2" ½	250
3 KVE 3/15 T	**500442020**	3 X 400 V ~	1,84	2,5	1,8-21	115,5-36	2" ½	2" ½	253
3 KVE 3/18 T	**500442030**	3 X 400 V ~	2,2	3	1,8-21	139-43	2" ½	2" ½	255
3 KVE 6/7 T	**500442040**	3 X 400 V ~	1,1	1,5	2-25,5	55-17	2" ½	2" ½	125
3 KVE 6/9 T	**500442050**	3 X 400 V ~	1,5	2	2-25,5	74-22	2" ½	2" ½	248
3 KVE 6/11 T	**500442060**	3 X 400 V ~	1,84	2,5	2-25,5	90-27	2" ½	2" ½	256
3 KVE 6/15 T	**500442070**	3 X 400 V ~	2,2	3	2-25,5	123-37	2" ½	2" ½	265
3 KVE 10/4 T	**500442080**	3 X 400 V ~	1,1	1,5	3-40,5	37-14	PN 80	PN 80	268
3 KVE 10/5 T	**500442090**	3 X 400 V ~	1,5	2	3-40,5	46-17,5	PN 80	PN 80	269
3 KVE 10/6 T	**500442100**	3 X 400 V ~	1,5	2	3-40,5	55-21	PN 80	PN 80	271
3 KVE 10/8 T	**500442110**	3 X 400 V ~	2,2	3	3-40,5	73,5-28	PN 80	PN 80	267

2/3 NKVE

WITH MULTISTAGE VERTICAL AXIS CENTRIFUGAL PUMPS



Applications

Characterised by the use of multi-impeller vertical axis electric pumps, these sets are acclaimed for their high efficiency, application versatility, and very low noise operation.

Utilised in large scale civil and industrial installations, selection of these sets must be performed by skilled engineers capable of assessing the effective requirements of the systems on which they are to be installed.

Construction features

SETS WITH 2-3 PUMPS

HYDRAULIC SECTION

- 2-3 Multistage vertical electric pumps NKV 10 - NKV 15
- NKV 20;
- Skid in galvanized steel;
- Flanged suction and discharge manifolds in galvanized steel complete with blank flange;
- Isolator valves on suction and discharge ports;
- Check valve for each pump;
- Radial pressure gauge with isolator valve;
- Galvanized steel column for mounting of the control panel;
- Membrane pressure tanks.

ELECTRICAL SECTION

The pump sets are supplied in a strong carton on a wooden pallet complete with instruction leaflet and wiring diagram.

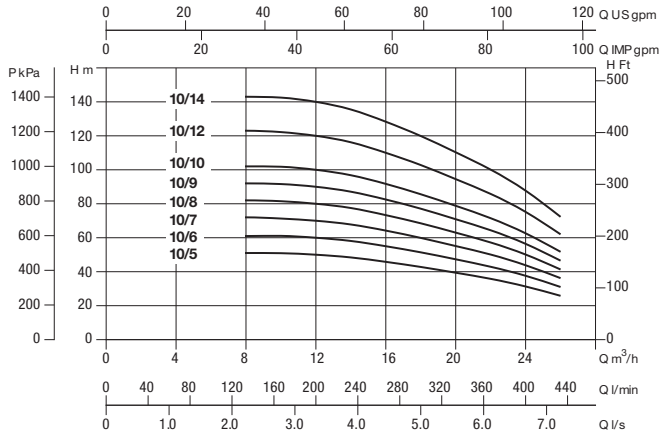
TECHNICAL DATA 2 NKVE

MODEL	CODE	ELECTRICAL DATA				MAX PRESSURE OBTAINABLE BAR	STANDARD PRESSURE BAR
		VOLTAGE 50 Hz	P2 NOMINAL		In A		
			kW	HP			
2NKV E 10/5 T	60140830	3 X 400 V ~	2x 2,2	2x 3	2x 4,7	5	4,0
2NKV E 10/6 T	60140831	3 X 400 V ~	2x 2,2	2x 3	2x 4,7	6	5,0
2NKV E 10/7 T	60140832	3 X 400 V ~	2x 3	2x 4	2x 5,8	7	6,0
2NKV E 10/8 T	60140833	3 X 400 V ~	2x 3	2x 4	2x 5,8	8	7,0
2NKV E 10/9 T	60140834	3 X 400 V ~	2x 3	2x 4	2x 5,8	9	8,0
2NKV E 10/10 T	60140835	3 X 400 V ~	2x 4	2x 5,5	2x 7,6	10	8,5
2NKV E 10/12 T	60140836	3 X 400 V ~	2x 4	2x 5,5	2x 7,6	12	10
2NKV E 10/14 T	60140837	3 X 400 V ~	2x 5,5	2x 7,5	2x 11	14	12
2NKV E 15/3 T	60140838	3 X 400 V ~	2x 3	2x 4	2x 5,8	4	3,5
2NKV E 15/4 T	60140839	3 X 400 V ~	2x 4	2x 5,5	2x 7,6	5	4
2NKV E 15/5 T	60140840	3 X 400 V ~	2x 4	2x 5,5	2x 7,6	6,5	5
2NKV E 15/6 T	60140841	3 X 400 V ~	2x 5,5	2x 7,5	2x 11	7,7	6,5
2NKV E 15/7 T	60140842	3 X 400 V ~	2x 5,5	2x 7,5	2x 11	9	8
2NKV E 15/8 T	60140843	3 X 400 V ~	2x 7,5	2x 10	2x 14,8	10	9
2NKV E 15/9 T	60140844	3 X 400 V ~	2x 7,5	2x 10	2x 14,8	12	10
2NKV E 15/10 T	60140845	3 X 400 V ~	2x 11	2x 15	2x 22,4	13	11
2NKV E 20/3 T	60140846	3 X 400 V ~	2x 4	2x 5,5	2x 7,6	4	3
2NKV E 20/4 T	60140847	3 X 400 V ~	2x 5,5	2x 7,5	2x 11	5,5	4,5
2NKV E 20/5 T	60140848	3 X 400 V ~	2x 5,5	2x 7,5	2x 11	7	6
2NKV E 20/6 T	60140849	3 X 400 V ~	2x 7,5	2x 10	2x 14,8	8,5	7
2NKV E 20/7 T	60140850	3 X 400 V ~	2x 7,5	2x 10	2x 14,8	10	8,5
2NKV E 20/8 T	60140851	3 X 400 V ~	2x 11	2x 15	2x 22,4	11	9,5
2NKV E 20/9 T	60140852	3 X 400 V ~	2x 11	2x 15	2x 22,4	12,5	10
2NKV E 20/10 T	60140853	3 X 400 V ~	2x 11	2x 15	2x 22,4	14	12

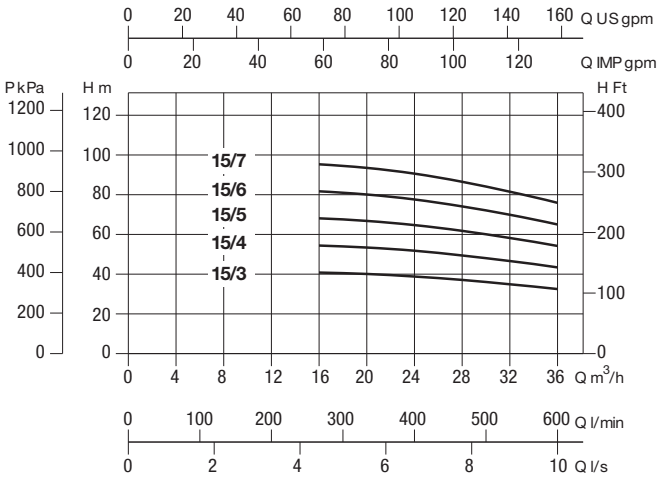
TECHNICAL DATA 3 NKVE

MODEL	CODE	ELECTRICAL DATA				MAX PRESSURE OBTAINABLE BAR	STANDARD PRESSURE BAR
		VOLTAGE 50 Hz	P2 NOMINAL		In A		
			kW	HP			
3NKV E 10/5 T	60140908	3 X 400 V ~	3x 2,2	3x 3	3x 4,7	5	4,0
3NKV E 10/6 T	60140909	3 X 400 V ~	2x 2,2	3x 3	3x 4,7	6	5,0
3NKV E 10/7 T	60140910	3 X 400 V ~	3x 3	3x 4	3x 5,8	7	6,0
3NKV E 10/8 T	60140911	3 X 400 V ~	3x 3	3x 4	3x 5,8	8	7,0
3NKV E 10/9 T	60140912	3 X 400 V ~	3x 3	3x 4	3x 5,8	9	8,0
3NKV E 10/10 T	60140913	3 X 400 V ~	3x 4	3x 5,5	3x 7,6	10	8,5
3NKV E 10/12 T	60140914	3 X 400 V ~	3x 4	3x 5,5	3x 7,6	12	10
3NKV E 10/14 T	60140915	3 X 400 V ~	3x 5,5	3x 7,5	3x 11	14	12
3NKV E 15/3 T	60140916	3 X 400 V ~	3x 3	3x 4	3x 5,8	4	3,5
3NKV E 15/4 T	60140917	3 X 400 V ~	3x 4	3x 5,5	3x 7,6	5	4
3NKV E 15/5 T	60140918	3 X 400 V ~	3x 4	3x 5,5	3x 7,6	6,5	5
3NKV E 15/6 T	60140919	3 X 400 V ~	3x 5,5	3x 7,5	3x 11	7,7	6,5
3NKV E 15/7 T	60140920	3 X 400 V ~	3x 5,5	3x 7,5	3x 11	9	8
3NKV E 15/8 T	60140921	3 X 400 V ~	3x 7,5	3x 10	3x 14,8	10	9
3NKV E 15/9 T	60140922	3 X 400 V ~	3x 7,5	3x 10	3x 14,8	12	10
3NKV E 15/10 T	60140923	3 X 400 V ~	3x 11	3x 15	3x 22,4	13	11
3NKV E 20/3 T	60140924	3 X 400 V ~	3x 4	3x 5,5	3x 7,6	4	3
3NKV E 20/4 T	60140925	3 X 400 V ~	3x 5,5	3x 7,5	3x 11	5,5	4,5
3NKV E 20/5 T	60140926	3 X 400 V ~	3x 5,5	3x 7,5	3x 11	7	6
3NKV E 20/6 T	60140927	3 X 400 V ~	3x 7,5	3x 10	3x 14,8	8,5	7
3NKV E 20/7 T	60140928	3 X 400 V ~	3x 7,5	3x 10	3x 14,8	10	8,5
3NKV E 20/8 T	60140929	3 X 400 V ~	3x 11	3x 15	3x 22,4	11	9,5
3NKV E 20/9 T	60140930	3 X 400 V ~	3x 11	3x 15	3x 22,4	12,5	10
3NKV E 20/10 T	60140931	3 X 400 V ~	3x 11	3x 15	3x 22,4	14	12

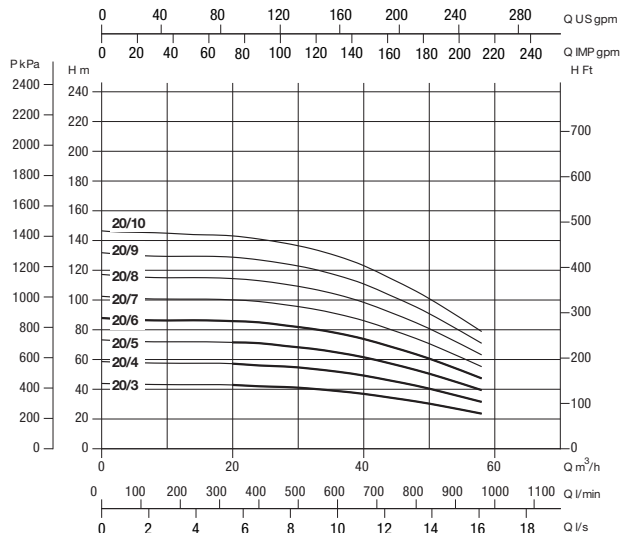
2 NKVE 10



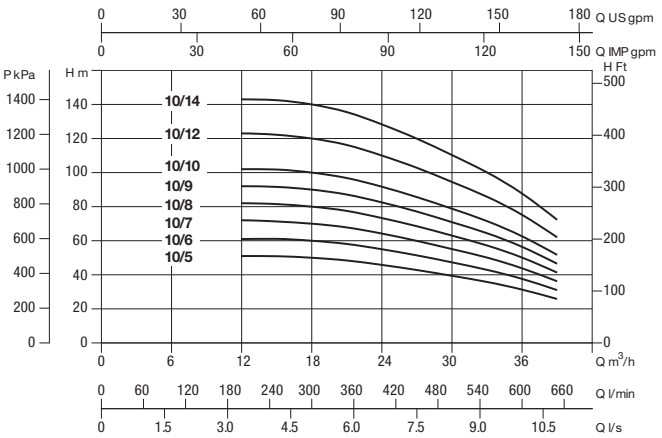
2 NKVE 15



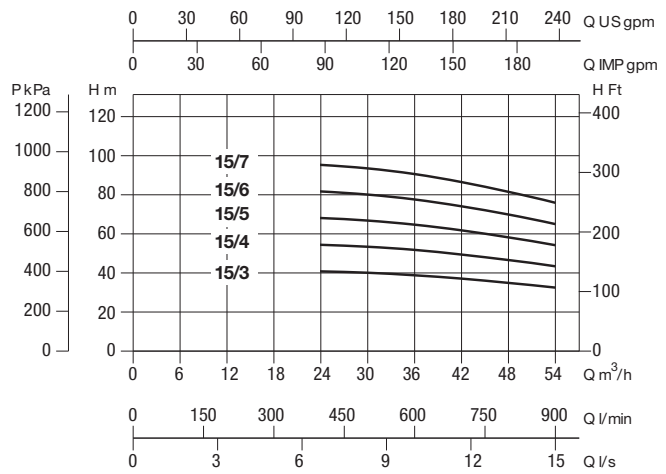
2 NKVE 20



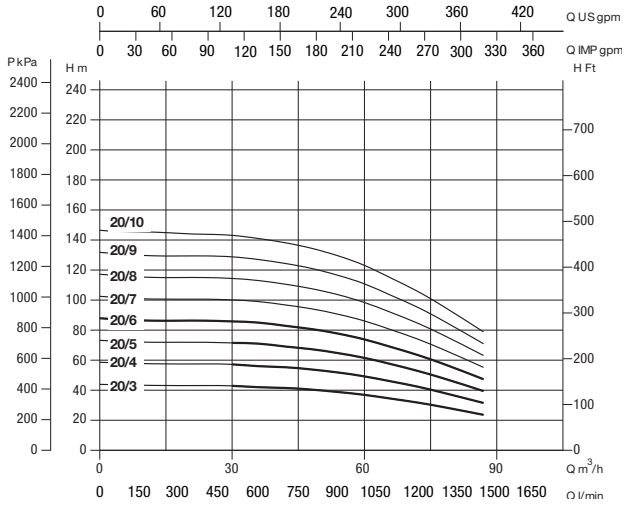
3 NKVE 10



3 NKVE 15

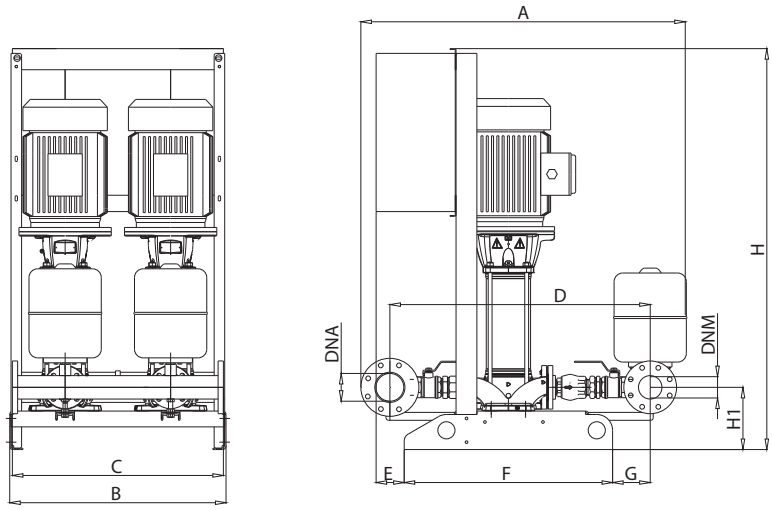


3 NKVE 20

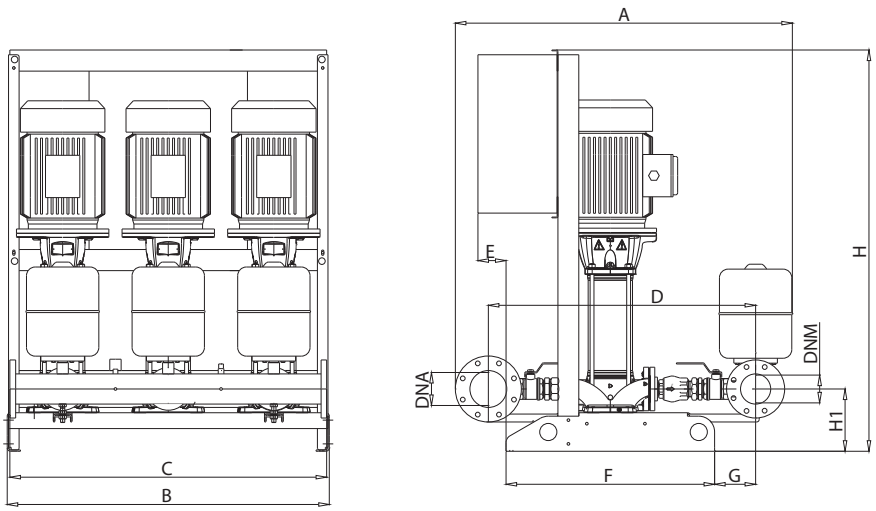


DIMENSIONS

2 NKVE



3 NKVE



MODEL	A	B	C	D	E	F	G	H	H1	Ø	
										DNA	DNM
2 NKVE 10	1120	820	800	860	110	790	80	1525	226	2"1/2	2"1/2
2 NKVE 15-20	1265	820	800	975	110	790	145	1525	236	DN 100	DN 80
3 NKVE 10	1125	1220	1200	870	110	790	86	1525	226	DN 80	DN 80
3 NKVE 15-20	1265	1220	1200	1000	110	790	155	1525	236	DN 125	DN 100

2/3 KE

SETS WITH SINGLE IMPELLER CENTRIFUGAL PUMPS



Designed for lifting and transfer systems in special industrial and agricultural processes.
The use of large-capacity single impeller “K” electric pumps offers a high level of reliability and strength as well as a simple layout.
Constructional characteristics

HYDRAULIC PART
- 2 or 3 single impeller centrifugal electric pumps on a horizontal axis;
- Galvanised steel plate complete with 4 anti-vibration rubber feet;
- Flanged gate valve, flanged check valve offering protection against water hammering, flanged elastic joint on the suction side;
- Galvanised flanged delivery manifold complete with galvanised blank flange and flanged gate valve;
- Anti-vibration flexible coupling for connection to delivery pipes;
- Radial pressure gauge with shut-off valve;
- Adjustable galvanised steel column support for electrical panel;
- Membrane tanks.

ELECTRICAL PART
The units are supplied packed in a strong cardboard box with a wooden pallet and instructions sheet complete with wiring diagram.

TECHNICAL DATA - 2 KE

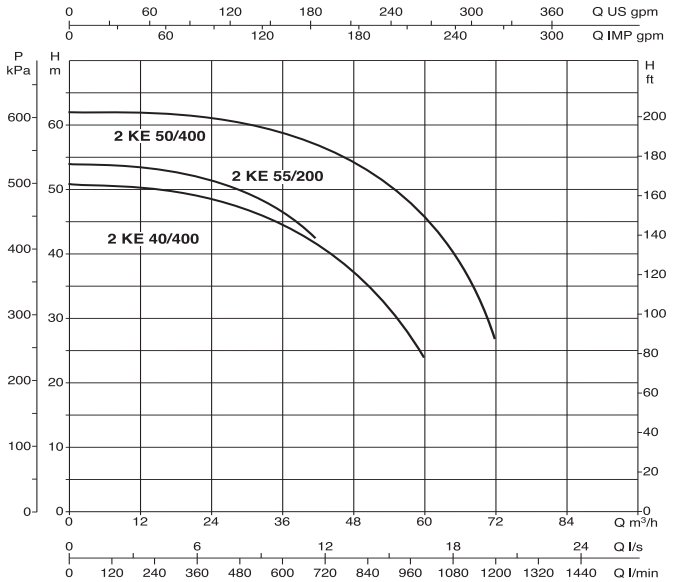
MODEL	CODE	ELECTRICAL DATA				ADJUSTABLE PRESSURE MAX - MIN BAR	HYDRAULIC DATA	
		VOLTAGE 50 Hz	P2 NOMINAL		In A x2		Q m^3/h	H m
			kW x 2	HP x 2				
2 KE 70/300 T	**500440500**	3 X 400 V ~	5,5	7,5	12,3	7,3 - 4,5	6-48	72,6-46
2 KE 70/400 T	**500440510**	3 X 400 V ~	9,2	12,5	17,8	8 - 4	9-62	83-43
2 KE 80/300 T	**500440520**	3 X 400 V ~	7,36	10	17,3	9 - 6,5	6-48	93-68
2 KE 80/400 T	**500440530**	3 X 400 V ~	11	15	20,6	9 - 5,5	9-62	95-57
2 KE 55/200 T	**500440540**	3 X 400 V ~	4	5,5	9,4	5 - 4	6-40	54-42
2 KE 40/400 T	**500440550**	3 X 400 V ~	5,5	7,5	11,5	4,8 - 2,5	12-60	49-25
2 KE 50/400 T	**500440560**	3 X 400 V ~	7,5	10	15	5,8 - 3,3	13-68	61-36
2 KE 30/800 T	**500440570**	3 X 400 V ~	7,5	10	14	4 - 2	18-126	43-18
2 KE 40/800 T	**500440580**	3 X 400 V ~	9,2	12,5	18	4,8 - 2,5	24-132	50-27
2 KE 50/800 T	**500440590**	3 X 400 V ~	11	15	20,5	5,4 - 2,4	24-156	56,7-25

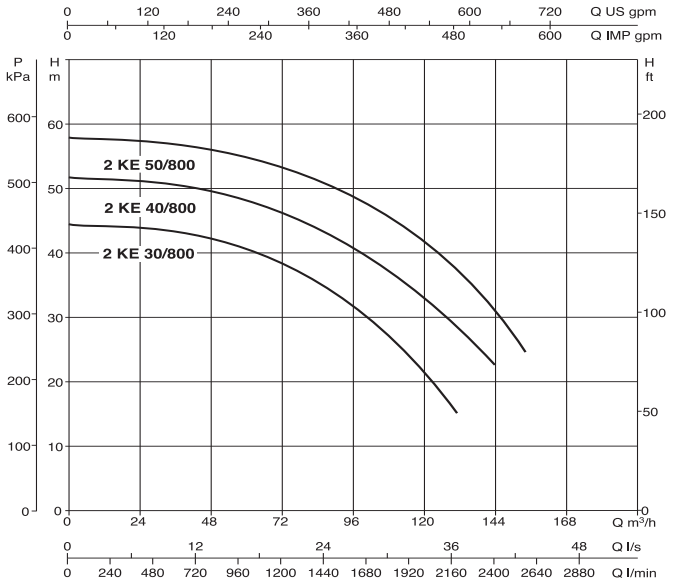
TECHNICAL DATA - 3 KE

MODEL	CODE	ELECTRICAL DATA				ADJUSTABLE PRESSURE MAX - MIN BAR	HYDRAULIC DATA	
		VOLTAGE 50 Hz	P2 NOMINAL		In A x3		Q m^3/h	H m
			kW X 3	HP X 3				
3 KE 70/300 T	**500442500**	3 X 400 V ~	5,5	7,5	12,3	7,3 - 4,5	6-72	72,6-46
3 KE 70/400 T	**500442510**	3 X 400 V ~	9,2	12,5	17,8	8 - 4	9-93	83-43
3 KE 80/300 T	**500442520**	3 X 400 V ~	7,36	10	17,3	9 - 6,5	6-72	93-68
3 KE 80/400 T	**500442530**	3 X 400 V ~	11	15	20,6	9 - 5,5	9-96	95-57
3 KE 55/200 T	**500442540**	3 X 400 V ~	4	5,5	16	5 - 4	6-60	54-42
3 KE 40/400 T	**500442550**	3 X 400 V ~	5,5	7,5	12	4,8 - 2,5	12-90	49-25
3 KE 50/400 T	**500442560**	3 X 400 V ~	7,5	10	15	5,8 - 3,3	13-98	61-36
3 KE 30/800 T	**500442570**	3 X 400 V ~	7,5	10	12	4 - 2	18-189	43-18
3 KE 40/800 T	**500442580**	3 X 400 V ~	9,2	12,5	15	4,8 - 2,5	24-198	50-27
3 KE 50/800 T	**500442590**	3 X 400 V ~	11	15	18	5,4 - 2,4	24-234	56,7-25

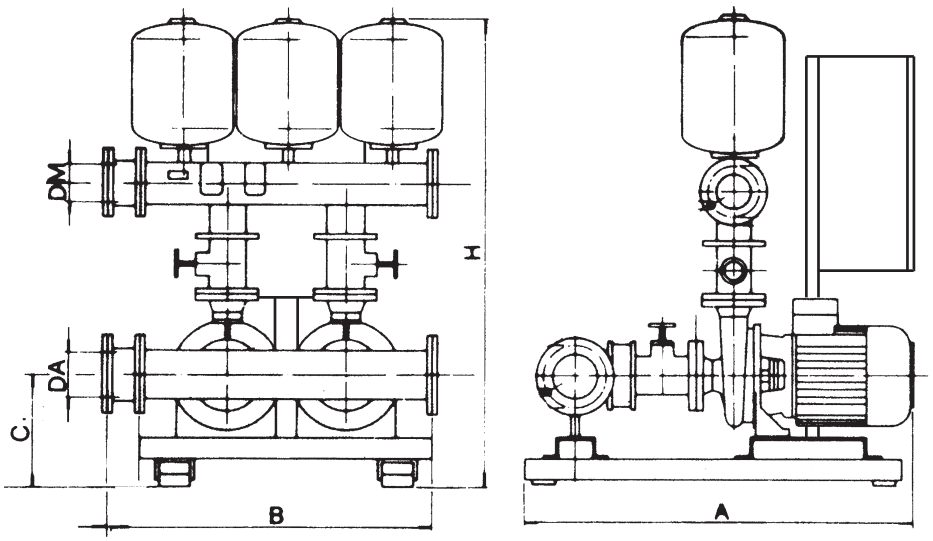
Units with unitary power over 7,5 kW: star-delta starting for second pump.

TECHNICAL DATA - 2 KE



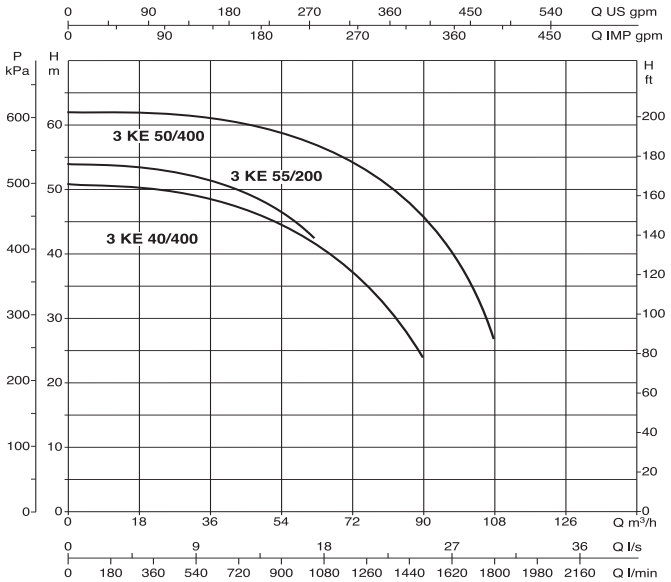


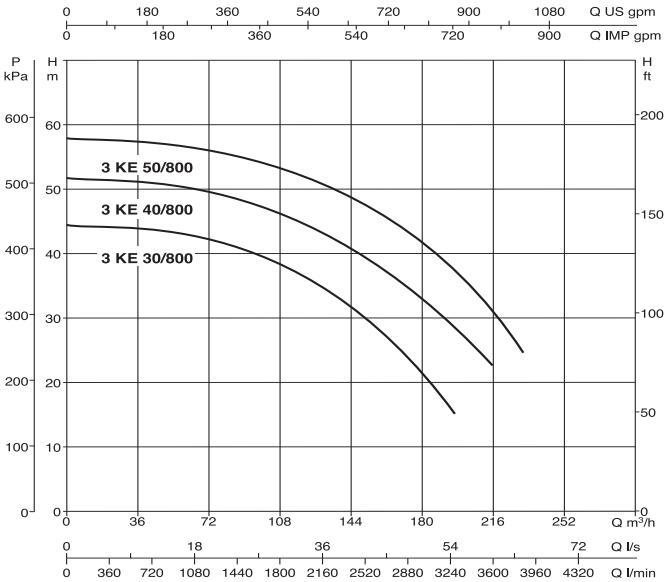
DIMENSIONS AND WEIGHTS - 2 KE



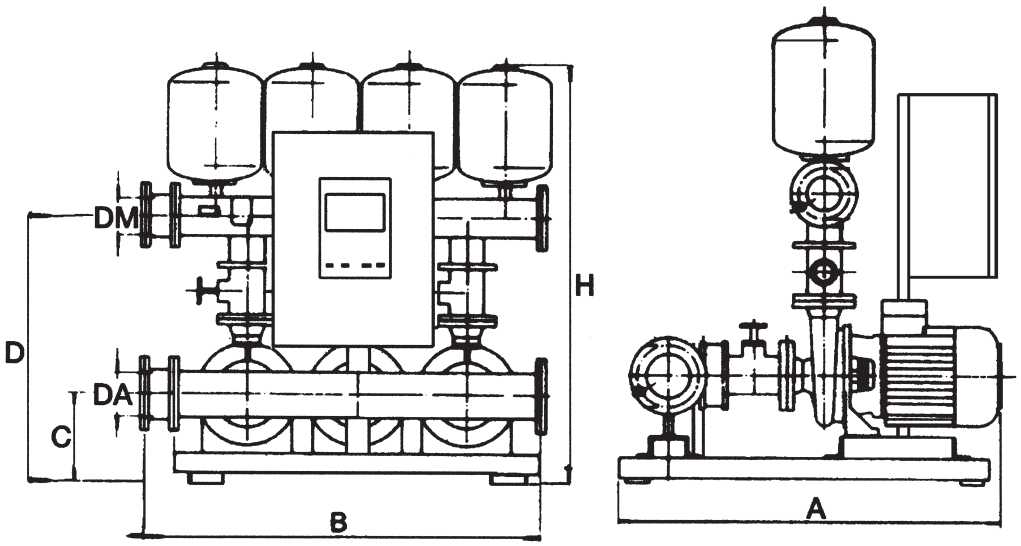
MODEL	A	B	C	D	E	H	Ø COLECTOR		WEIGHT Kg
							DA (asp.)	DM (imp.)	
2 KE 70/300	1050	720	200	600	480	1200	DN 100 - PN 16	DN 100 - PN 16	204
2 KE 70/400	1050	720	200	600	480	1200	DN 100 - PN 16	DN 100 - PN 16	220
2 KE 80/300	1050	720	200	600	480	1200	DN 100 - PN 16	DN 100 - PN 16	209
2 KE 80/400	1050	720	200	600	480	1200	DN 100 - PN 16	DN 100 - PN 16	225
2 KE 55/200	1050	720	200	585	435	1200	DN 80 - PN 10	DN 80 - PN 10	204
2 KE 40/400	1050	720	200	585	435	1200	DN 80 - PN 10	DN 80 - PN 10	485
2 KE 50/400	1050	720	200	585	435	1200	DN 80 - PN 10	DN 80 - PN 10	485
2 KE 30/800	1300	1000	300	805	650	1450	DN 150 - PN 10	DN 125 - PN 10	543
2 KE 40/800	1300	1000	300	805	650	1450	DN 150 - PN 10	DN 125 - PN 10	551
2 KE 50/800	1300	1000	300	805	650	1450	DN 150 - PN 10	DN 125 - PN 10	572

TECHNICAL DATA - 3 KE





DIMENSIONS AND WEIGHTS - 3 KE



MODEL	A	B	C	D	E	H	Ø COLECTOR		WEIGHT Kg
							DA (asp.)	DM (imp.)	
3 KE 70/300	1220	1100	200	595	435	1185	DN 100 - PN 16	DN 100 - PN 16	328
3 KE 70/400	1220	1100	200	595	435	1185	DN 100 - PN 16	DN 100 - PN 16	353
3 KE 80/300	1220	1100	200	595	435	1185	DN 100 - PN 16	DN 100 - PN 16	404
3 KE 80/400	1220	1100	200	595	435	1185	DN 100 - PN 16	DN 100 - PN 16	428
3 KE 55/200	1220	1100	200	595	435	1185	DN 80 - PN 10	DN 80 - PN 10	328
3 KE 40/400	1220	1100	200	595	435	1185	DN 80 - PN 10	DN 80 - PN 10	695
3 KE 50/400	1220	1100	200	595	435	1185	DN 80 - PN 10	DN 80 - PN 10	717
3 KE 30/800	1300	1200	300	805	650	1415	DN 150 - PN 10	DN 150 - PN 10	780
3 KE 40/800	1300	1200	300	805	650	1415	DN 150 - PN 10	DN 150 - PN 10	798
3 KE 50/800	1300	1200	300	805	650	1415	DN 150 - PN 10	DN 150 - PN 10	818

2 JET
SETS WITH 2 SELF-PRIMING PUMPS



Booster sets with 2 self-priming JET pumps complete with base, suction and delivery manifold and 2 membrane vessels.

ELECTRICAL PANEL
Automatic inverter for exchanging the order of pump starting at each start-up.
Main switch. Float or pressure switch can be inserted as protection against operation without water.
Low voltage auxiliary circuit complete with transformer and fuse.

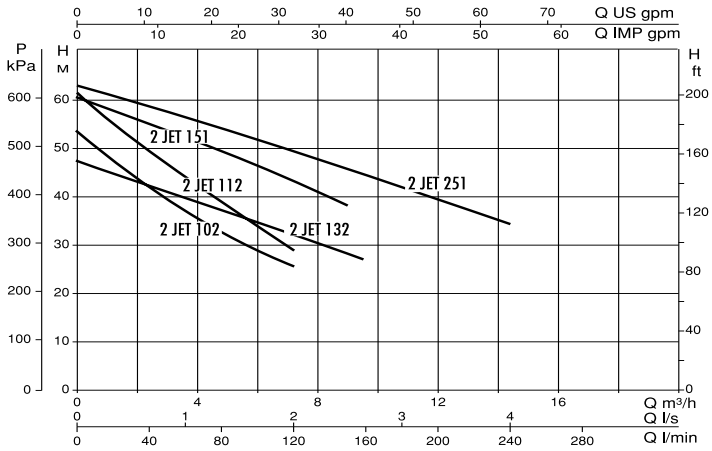
The units are supplied with tanks and air feeder connection.

TECHNICAL DATA

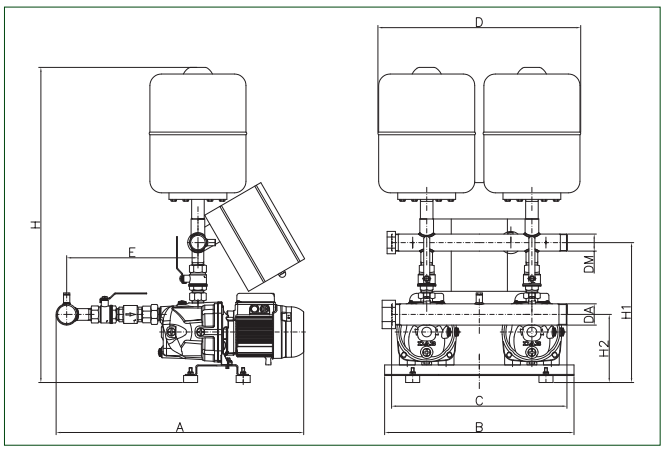
MODEL	CODE	ELECTRICAL DATA				MAX PRESSURE OBTAINABLE BAR	PRESSURE SWITCH SETTING IN BAR	HYDRAULIC DATA	
		VOLTAGE 50 Hz	P2 NOMINAL		In A			Q m³/h	H m
			kW X2	HP X 2					
2 JET 102 M	500121140	1 X 230 V ~	0,75	1	2x5,1	5	2,5÷4	0,6-7,2	47-25,8
2 JET 102 T	500121640	3 X 400 V ~	0,75	1	2x1,98	5	2,5÷4	0,6-7,2	47-25,8
2 JET 112 M	500121150	1 X 230 V ~	1	1,36	2x7	5,8	3,5÷5	0,4-7	57-29
2 JET 112 T	500121650	3 X 400 V ~	1	1,36	2x2,7	5,8	3,5÷5	0,4-7	57-29
2 JET 132 M	500121160	1 X 230 V ~	1	1,36	2x7	4,6	2,5÷4	0,6-9,6	45,6-27,2
2 JET 132 T	500121660	3 X 400 V ~	1	1,36	2x2,7	4,6	2,5÷4	0,6-9,6	45,6-27,2
2 JET 151 M	500121060	1 X 230 V ~	1,1	1,5	2x7,2	6,1	3,3÷5	0,6-9	58-38
2 JET 151 T	500121560	3 X 400 V ~	1,1	1,5	2x3	6	3,3÷5	0,6-9	58-38
2 JET 251 M	500121100	1 X 230 V ~	1,85	2,5	2x10	6,4	3,3÷5	0,6-14,4	60-34,2
2 JET 251 T	500121600	3 X 400 V ~	1,85	2,5	2x4	6	3,3÷5	0,6-14,4	60-34,2

The set is supplied assembled, tested, in a strong carton on a wooden pallet complete with instruction leaflet and wiring diagram. Available on request the 3x230 V version.

2 JET



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E	H	H1	H2	Ø MANIFOLD		WEIGHT Kg
									SUCTION	DELIVERY	
2 JET 102 M	715	540	500	575	385	830	398	194	2"	1 1/2"	71
2 JET 112 M	715	540	500	575	385	830	398	194	2"	1 1/2"	74
2 JET 132 M	715	540	500	575	385	830	398	194	2"	1 1/2"	77
2 JET 151 M	715	540	500	565	385	830	398	194	2"	1 1/2"	101
2 JET 251 M	715	540	500	575	385	830	398	194	2"	1 1/2"	75
2 JET 102 T	715	540	500	575	385	830	398	194	2"	1 1/2"	75
2 JET 112 T	715	540	500	575	385	830	398	194	2"	1 1/2"	78
2 JET 132 T	715	540	500	575	385	830	398	194	2"	1 1/2"	81
2 JET 151 T	960	540	500	565	535	850	458	184	2"	1 1/2"	105
2 JET 251 T	960	540	500	565	535	850	458	184	2"	1 1/2"	108

2 EURO / 2 EUROINOX

SETS WITH 2 HORIZONTAL MULTISTAGE EURO



Booster set with 2 EURO centrifugal pumps complete with baseplate, suction and delivery manifold, 2 membrane vessels and control panel supplied complete with:
Automatic inverter for exchanging the order of pump starting at each start-up

MAIN SWITCH.
Float or pressure switch can be inserted as protection against operation without water.
Low voltage auxiliary circuit complete with transformer and fuse.

The units are supplied with tanks and with air connector

TECHNICAL DATA - 2 EURO

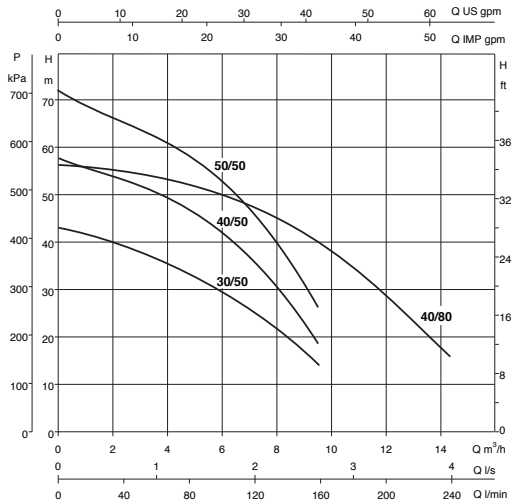
MODEL	CODE	ELECTRICAL DATA				MAX PRESSURE OBTAINABLE BAR	PRESSURE SWITCH SETTING IN BAR	HYDRAULIC DATA	
		VOLTAGE 50 Hz	P2 NOMINAL		In A			Q m^3/h	H m
			kW X2	HP X 2					
2 EURO 30/50 M	**500127100**	1 X 230 V ~	0,55	0,75	2x3,9	3,8	2÷3,3	0,6-9,6	40-14
2 EURO 30/50 T	**500127600**	3 X 400 V ~	0,55	0,75	2x1,6	3,8	2÷3,3	0,6-9,6	40-14
2 EURO 40/50 M	**500127150**	1 X 230 V ~	0,75	1	2x5,3	5,3	3÷4,5	0,6-9,6	55-19
2 EURO 50/50 M	**500127200**	1 X 230 V ~	1	1,36	2x6,3	6,5	4÷5,5	0,6-9,6	68-26,5
2 EURO 50/50 T	**500127700**	3 X 400 V ~	1	1,36	2x2,5	6,5	4÷5,5	0,6-9,6	68-26,5
2 EURO 40/80 M	**500127300**	1 X 230 V ~	1	1,36	2x6,3	5,5	3,8÷5,2	0,6-14,4	58-16
2 EURO 40/80 T	**500127800**	3 X 400 V ~	1	1,36	2x2,5	5,5	3,8÷5,2	0,6-14,4	58-16

TECHNICAL DATA - 2 EUROINOX

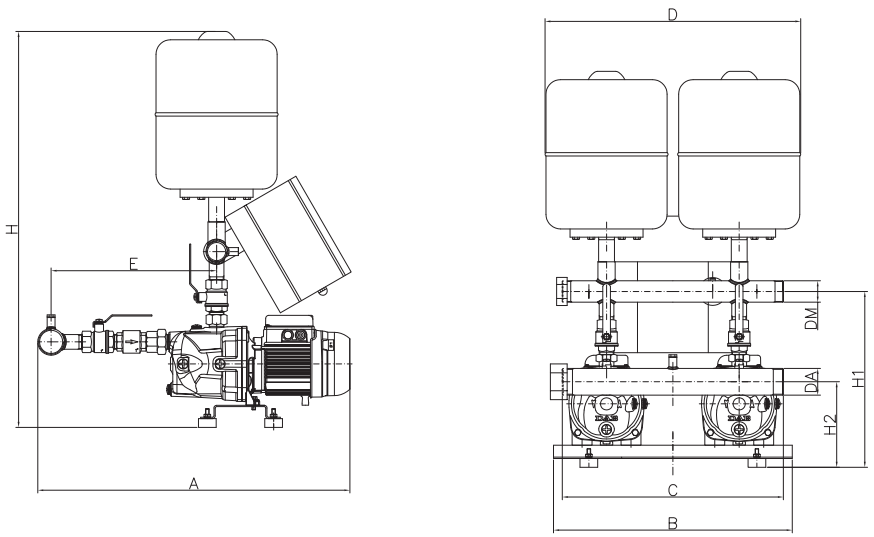
MODEL	CODE	ELECTRICAL DATA				MAX PRESSURE OBTAINABLE BAR	PRESSURE SWITCH SETTING IN BAR	HYDRAULIC DATA	
		VOLTAGE 50 Hz	P2 NOMINAL		In A			Q m^3/h	H m
			kW X2	HP X 2					
2 EUROINOX 30/50 M	**500128100**	1 X 230 V ~	0,55	0,75	2x3,9	3,8	2÷3,3	0,6-9,6	40-14
2 EUROINOX 30/50 T	**500128600**	3 X 400 V ~	0,55	0,75	2x1,6	3,8	2÷3,3	0,6-9,6	40-14
2 EUROINOX 40/50 M	**500128150**	1 X 230 V ~	0,75	1	2x5,3	5,3	3÷4,5	0,6-9,6	55-19
2 EUROINOX 50/50 M	**500128200**	1 X 230 V ~	1	1,36	2x6,3	6,5	4÷5,5	0,6-9,6	68-26,5
2 EUROINOX 50/50 T	**500128700**	3 X 400 V ~	1	1,36	2x2,5	6,5	4÷5,5	0,6-9,6	68-26,5
2 EUROINOX 40/80 M	**500128300**	1 X 230 V ~	1	1,36	2x6,3	5,5	3,8÷5,2	0,6-14,4	58-16
2 EUROINOX 40/80 T	**500128800**	3 X 400 V ~	1	1,36	2x2,5	5,5	3,8÷5,2	0,6-14,4	58-16

The set is supplied assembled, tested, in a strong carton on a wooden pallet complete with instruction leaflet and wiring diagram.
Available on request the 3x230 V version.

2 EURO / 2 EUROINOX



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E	H	H1	H2	Ø MANIFOLD		WEIGHT Kg
									SUCTION	DELIVERY	
2 EURO 30/50 M	755	540	500	578	415	890	402	194	2"	1 1/2"	57
2 EURO 30/50 T	755	540	500	578	415	890	402	194	2"	1 1/2"	57
2 EURO 40/50 M	755	540	500	578	415	890	402	194	2"	1 1/2"	57
2 EURO 50/50 M	755	540	500	578	415	890	402	194	2"	1 1/2"	57
2 EURO 50/50 T	755	540	500	578	415	890	402	194	2"	1 1/2"	58
2 EURO 40/80 M	755	540	500	578	415	890	402	194	2"	1 1/2"	57
2 EURO 40/80 T	755	540	500	578	415	890	402	194	2"	1 1/2"	58
2 EUROINOX 30/50 M	760	540	500	578	450	830	420	194	2"	1 1/2"	57
2 EUROINOX 30/50 T	760	540	500	578	450	830	420	194	2"	1 1/2"	57
2 EUROINOX 40/50 M	760	540	500	578	450	830	420	194	2"	1 1/2"	57
2 EUROINOX 50/50 M	760	540	500	578	450	830	420	194	2"	1 1/2"	56
2 EUROINOX 50/50 T	760	540	500	578	450	830	420	194	2"	1 1/2"	58
2 EUROINOX 40/80 M	760	540	500	578	450	830	420	194	2"	1 1/2"	56
2 EUROINOX 40/80 T	760	540	500	578	450	830	420	194	2"	1 1/2"	58

2 K

SETS WITH CENTRIFUGAL PUMPS TWIN IMPELLER



Booster sets with 2 twin impeller centrifugal K pumps complete with base, suction and delivery manifold and 2 membrane vessels.

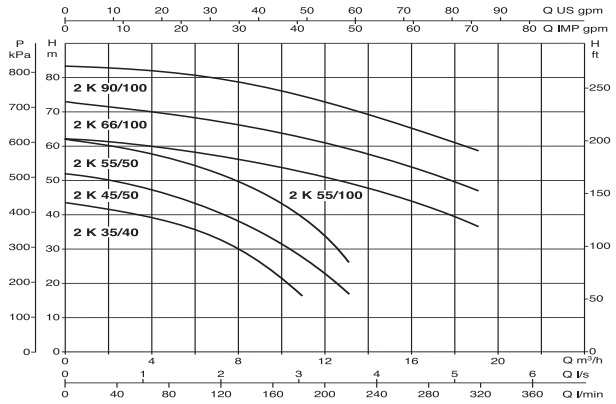
ELECTRICAL PANEL
Automatic inverter for exchanging the order of pump starting at each start-up. Main switch.

Float or pressure switch can be inserted as protection against operation without water. Low voltage auxiliary circuit complete with transformer and fuse.

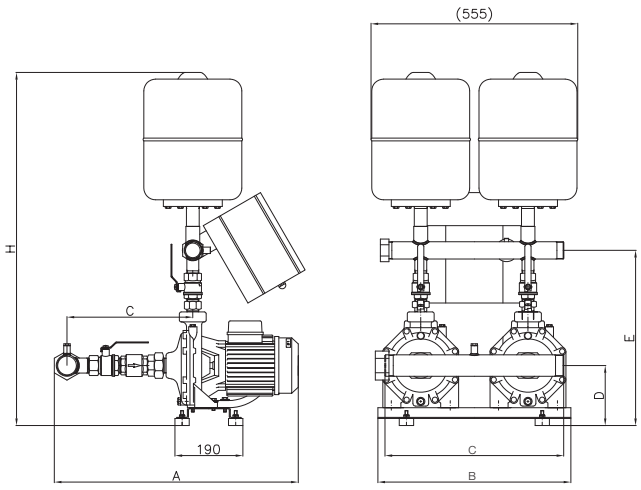
The units are supplied with tanks and air feeder connection.

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA				MAX PRESSURE OBTAINABLE BAR	PRESSURE SWITCH SETTING IN BAR
		VOLTAGE 50 Hz	P2 NOMINAL		In A		
			kW X 2	HP X 2			
2 K35/40 M	500124020	1 X 230 V ~	0,75	1	2x5,5	4,2	2,2÷3,3
2 K35/40 T	500124520	3 X 400 V ~	0,75	1	2x3,5	4,2	2,2÷3,3
2 K45/50 M	500124040	1 X 230 V ~	1,1	1,5	2x8,3	5,2	2,9÷4,6
2 K45/50 T	500124540	3 X 400 V ~	1,1	1,5	2x3,6	5,2	2,9÷4,6
2 K55/50 M	500124060	1 X 230 V ~	1,85	2,5	2x12,8	6,2	3,4÷5,3
2 K55/50 T	500124560	3 X 400 V ~	1,85	2,5	2x4,8	6,2	3,4÷5,3
2 K55/100 T	500124620	3 X 400 V ~	2,2	3	2x6,7	6,2	3,5÷5,5
2 K66/100 T	500124640	3 X 400 V ~	3	4	2x8,4	7,3	4,3÷6,5
2 K90/100 T	500124660	3 X 400 V ~	4	5,5	2x9,7	8,4	5,5÷8



DIMENSIONS AND WEIGHTS - 2 K



MODEL	A	B	C	D	E	H	H1	H2	Ø MANIFOLD		WEIGHT Kg.
									SUCTION	DELIVERY	
2 K 35/40 M	700	540	500	555	400	910	457	150	2"	1 1/2"	69
2 K 45/40 M	700	540	500	555	400	910	480	205	2"	1 1/2"	85
2 K 55/40 M	700	540	500	555	400	910	480	205	2"	1 1/2"	92
2 K 35/40 T	700	540	500	555	400	910	457	150	2"	1 1/2"	73
2 K 45/40 T	700	540	500	555	400	910	480	205	2"	1 1/2"	89
2 K 55/40 T	700	540	500	555	400	910	480	205	2"	1 1/2"	92
2 K 55/100 T	900	580	500	555	400	1120	570	220	2 1/2"	2 1/2"	155
2 K 66/100 T	900	580	500	555	400	1120	570	220	2 1/2"	2 1/2"	160
2 K 90/100 T	900	580	500	555	400	1120	570	220	2 1/2"	2 1/2"	167

DAB PUMPS reserves the right to make modifications without notice

AQUATWIN TOP

PRESSURIZATION GROUP FOR RAINWATER RECOVERY SYSTEM

NEW



Pressurization group for systems management and reuse of rainwater with 2 centrifugal pumps type EUROINOX or JETINOX. Complete with water reserve tank up to 150L implemented in the system. For medium to large systems.

CONTROL PANEL

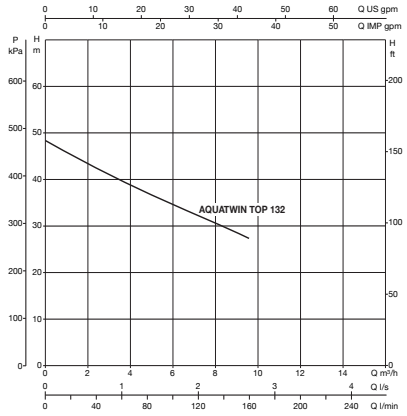
Automatic inverter for exchanging the order of pump starting at each start. General breaker switch. PLC for the management and monitoring of reserve water supplies. Low voltage auxiliary circuit complete with transformer, protection fuses and a three-way electric valves for switching rainwater tanks - public water network.

AQUATWIN comes with a black, cataforizzato steel structure, tank capacity up to 150L public network water accumulation, stainless steel storage delivery manifold with shut-off valve, expansion tank up to 8L. Including "Air gap", connection system to public water network according to UNI EN 1717: Protection against pollution of potable water in water installations and requirements of devices to prevent pollution from backflow.

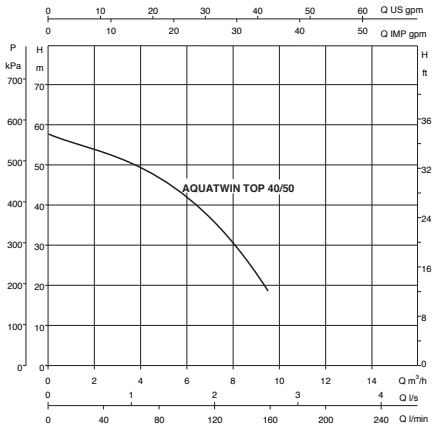
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA	
		VOLTAGE 50 Hz	P2 NOMINAL		Q	H
			kW X 2	HP X 2	m^3/h	m
AQUATWIN TOP 132	60162096	1 X 230 V ~	1	1,36	0,6-14,4	58-16
AQUATWIN TOP 40/50	60162095	1 X 230 V ~	0,75	1	0,6-9,6	55-19
AQUATWIN TOP 40/80	60151634	1 X 230 V ~	1	1,36	0,6-9,6	45,6-27,2

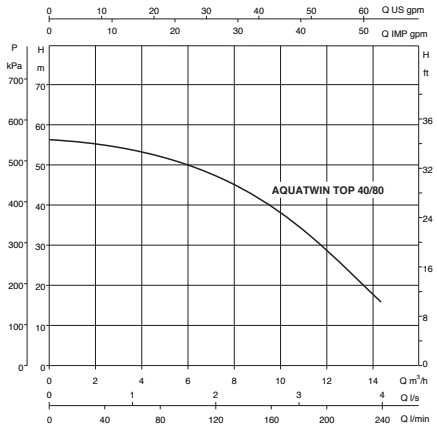
AQUATWIN TOP 132



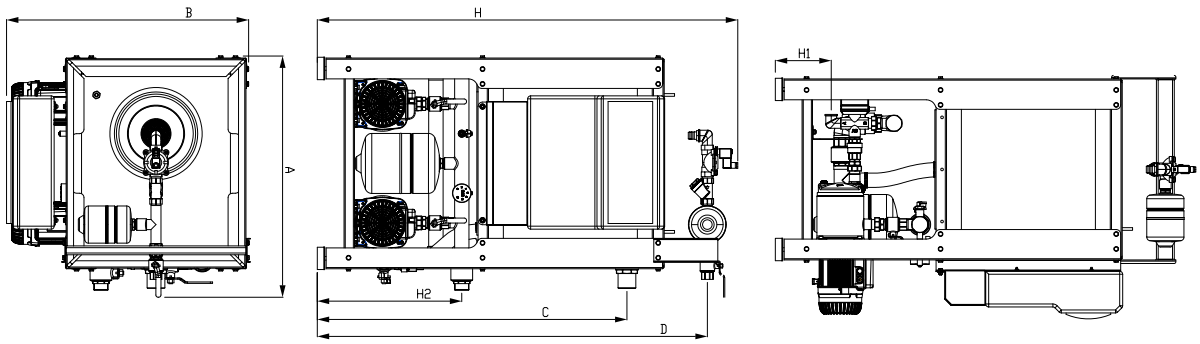
AQUATWIN TOP 40/50



AQUATWIN TOP 40/80



DIMENSIONS AND WEIGHTS



MODEL	H1	H2	A	B	H	C	D	PACKAGING DIMENSION	DNA	DNM	WEIGHT Kg
AQUATWIN TOP 132	188	485	810	815	1415	1040	1310	900x1100x2200	1" + 1"	1" 1/2	113
AQUATWIN TOP 40/50	188	485	810	815	1415	1040	1310	900x1100x2200	1" + 1"	1" 1/2	113
AQUATWIN TOP 40/80	188	485	810	815	1415	1040	1310	900x1100x2200	1" + 1"	1" 1/2	115

1 KVC

SETS WITH 1 VERTICAL MULTISTAGE CENTRIFUGAL PUMPS



Water lifting sets specifically suitable for domestic applications and small systems for civil, agricultural or industrial uses.
The use of multistage vertical axis centrifugal pumps is a guarantee of high performance and efficiency levels.
These pumps are characterised by their compact dimensions, rugged construction, extreme reliability and very low noise operation.

Electrical section
1KVC PUMP SETS
Single-phase version.
1 bipolar pressure switch connected to the electric pump, including power supply plug.
Three-phase version.
Motor overload protection panel with reset button, 1 bipolar pressure switch connected
to the electric pump.

TECHNICAL DATA

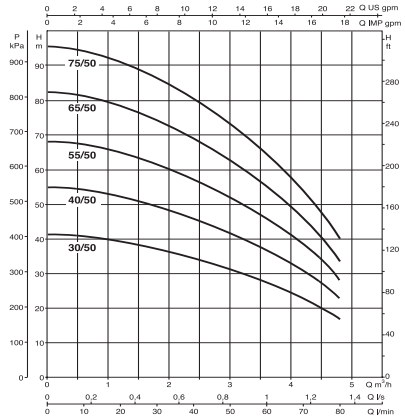
MODEL	CODE	ELECTRICAL DATA				MAX PRESSURE OBTAINABLE BAR	PRESSURE SWITCH SETTING IN BAR	HYDRAULIC DATA	
		VOLTAGE 50 Hz	P2 NOMINAL		In A			Q m^3/h	H m
			kW	HP					
1KVC 30/50 M 230-50	**60122101**	1 X 230 V ~	0,55	0,75	4	4	2,5 – 3,5	1-4,5	40-20
1KVC 30/50 T 400-50	**60122112**	3 X 400 V ~	0,55	0,75	1,4	4	2,5 – 3,5	1-4,5	40-20
1KVC 40/50 M 230-50	**60122102**	1 X 230 V ~	0,8	1,1	5,6	5,2	4 – 5	1-4,5	57-27
1KVC 40/50 T 400-50	**60122113**	3 X 400 V ~	0,8	1,1	2,2	5,2	4 – 5	1-4,5	57-27
1KVC 55/50 M 230-50	**60122103**	1 X 230 V ~	1	1,36	6,4	6,5	5 – 6	1-4,5	66-35
1KVC 55/50 T 400-50	**60122114**	3 X 400 V ~	1	1,36	2,6	6,5	5 – 6	1-4,5	66-35
1KVC 65/50 M 230-50	**60122104**	1 X 230 V ~	1,1	1,5	7,4	8	6,5 – 7,5	1-4,5	80-41
1KVC 65/50 T 400-50	**60122115**	3 X 400 V ~	1,1	1,5	3,1	8	6,5 – 7,5	1-4,5	80-41
1KVC 75/50 M 230-50	**60122105**	1 X 230 V ~	1,5	2	9	9	7,5 – 8,5	1-4,5	92-48
1KVC 75/50 T 400-50	**60122116**	3 X 400 V ~	1,5	2	3,6	9	7,5 – 8,5	1-4,5	92-48
1KVC 30/80 M 230-50	**60122106**	1 X 230 V ~	0,8	1,1	5,6	4,5	3 – 4	2-7	43-12
1KVC 30/80 T 400-50	**60122117**	3 X 400 V ~	0,8	1,1	2,2	4,5	3 – 4	2-7	43-12
1KVC 40/80 M 230-50	**60122107**	1 X 230 V ~	1	1,36	6,5	5,5	4 – 5	2-7	54-18
1KVC 40/80 T 400-50	**60122118**	3 X 400 V ~	1	1,36	2,6	5,5	4 – 5	2-7	54-18
1KVC 45/80 M 230-50	**60122108**	1 X 230 V ~	1,1	1,5	7,4	6,8	5 – 6	2-7	66-23
1KVC 45/80 T 400-50	**60122119**	3 X 400 V ~	1,1	1,5	3,1	6,8	5 – 6	2-7	66-23
1KVC 55/80 M 230-50	**60122109**	1 X 230 V ~	1,5	2	9	8	6 – 7	2-7	78-29
1KVC 55/80 T 400-50	**60122120**	3 X 400 V ~	1,5	2	3,6	8	6 – 7	2-7	78-29
1KVC 65/80 T 400-50	**60122121**	3 X 400 V ~	2,2	3	4	9,2	7 – 8	2-7	91-36
1KVC 35/120 M 230-50	**60122110**	1 X 230 V ~	1,1	1,5	7,4	4,5	3 – 4	2-11	46-17
1KVC 35/120 T 400-50	**60122122**	3 X 400 V ~	1,1	1,5	3,5	4,5	3 – 4	2-11	46-17
1KVC 45/120 M 230-50	**60122111**	1 X 230 V ~	1,85	2,5	12	6	4,5 – 5,5	2-11	61-24
1KVC 45/120 T 400-50	**60122123**	3 X 400 V ~	1,85	2,5	4,6	6	4,5 – 5,5	2-11	61-24
1KVC 60/120 T 400-50	**60122124**	3 X 400 V ~	2,2	3	5,4	7,5	5,5 – 6,5	2-11	77-33
1KVC 70/120 T 400-50	**60122125**	3 X 400 V ~	3	4	6,8	9	7 – 8	2-11	92-40
1KVC 85/120 T 400-50	**60122126**	3 X 400 V ~	3	4	7,8	10,5	9 – 10	2-11	108-46

The units are supplied with tanks and air feeder connection.

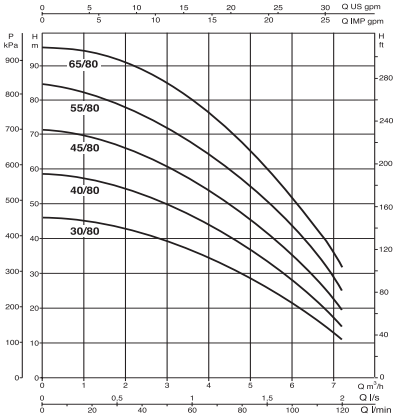
1 KVC

SETS WITH 1 VERTICAL MULTISTAGE CENTRIFUGAL PUMPS

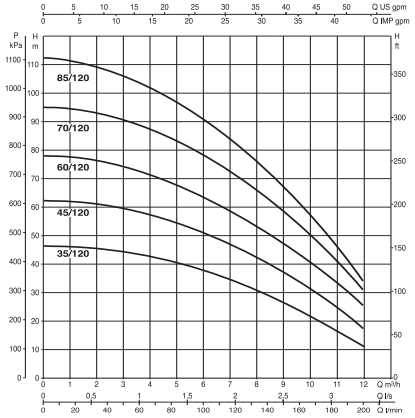
1 KVC 50



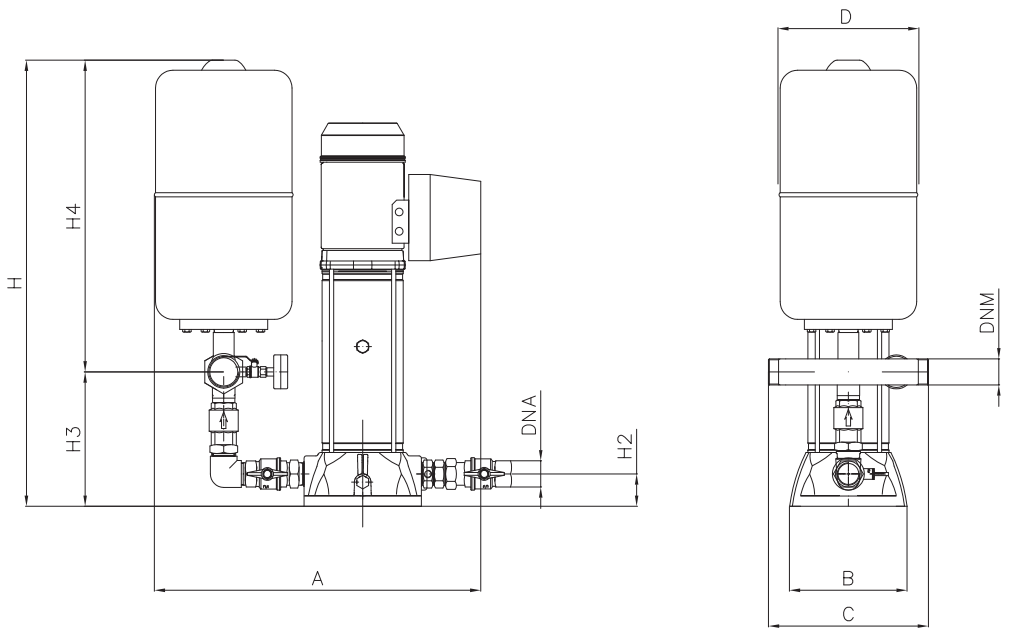
1 KVC 80



1 KVC 120



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	P	H	H1	H2	H3	H4	Ø MANIFOLD		WEIGHT Kg	
											DNA (suction)	DNM (delivery)	Single-Phase	Three-Phase
1KVC 30/50	630	300	300	260	130	940	-	120	210	610	1" 1/4	1" 1/2	26	26
1KVC 40/50	630	300	300	260	130	995	-	120	265	610	1" 1/4	1" 1/2	28	28
1KVC 55/50	630	300	300	260	130	995	-	120	265	610	1" 1/4	1" 1/2	29	29
1KVC 65/50	630	300	300	260	130	1085	-	120	355	610	1" 1/4	1" 1/2	32	32
1KVC 75/50	630	300	300	260	130	1085	-	120	355	610	1" 1/4	1" 1/2	33	32
1KVC 30/80	630	300	300	260	130	995	-	120	265	610	1" 1/4	1" 1/2	28	27
1KVC 40/80	630	300	300	260	130	995	-	120	265	610	1" 1/4	1" 1/2	29	29
1KVC 45/80	630	300	300	260	130	1085	-	120	355	610	1" 1/4	1" 1/2	32	32
1KVC 55/80	630	300	300	260	130	1085	-	120	355	610	1" 1/4	1" 1/2	33	32
1KVC 65/80	630	300	300	260	130	1185	-	120	385	610	1" 1/4	1" 1/2	-	34
1KVC 35/120	630	300	300	260	130	940	-	120	210	610	1" 1/4	1" 1/2	32	32
1KVC 45/120	630	300	300	260	130	995	-	120	265	610	1" 1/4	1" 1/2	44	34
1KVC 60/120	630	300	300	260	130	995	-	120	265	610	1" 1/4	1" 1/2	-	36
1KVC 70/120	630	300	300	260	130	1085	-	120	355	610	1" 1/4	1" 1/2	-	38
1KVC 85/120	630	300	300	260	130	1085	-	120	355	610	1" 1/4	1" 1/2	-	39

DAB PUMPS reserves the right to make modifications without notice

2 KVC

SETS WITH 2 VERTICAL MULTISTAGE CENTRIFUGAL PUMPS



Water lifting sets specifically suitable for domestic applications and small systems for civil, agricultural or industrial uses.
The use of multistage vertical axis centrifugal pumps is a guarantee of high performance and efficiency levels.
These pumps are characterised by their compact dimensions, rugged construction, extreme reliability and very low noise operation.

Control panel made of impact-resistant self-extinguishing plastic with IP55 protection rating. The panel protects the electric pumps and operates them in sequence, maintaining the plant at a factoryset average pressure value. The average pressure value can be adjusted by means of a trimmer located inside the panel.
At each operating cycle the pumps starting sequence is inverted. The pressure value is read by the pressure transmitter located on the outlet manifold.

TECHNICAL DATA

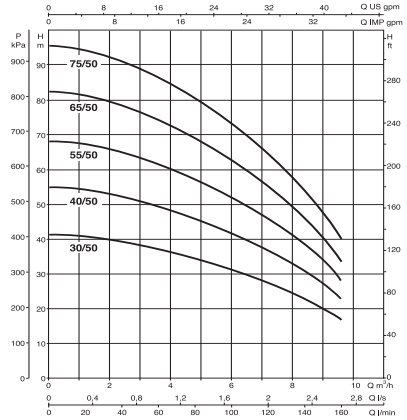
MODEL	CODE	ELECTRICAL DATA				MAX PRESSURE OBTAINABLE BAR	PRESSURE SWITCH SETTING IN BAR	HYDRAULIC DATA	
		VOLTAGE 50 Hz	P2 NOMINAL		In A			Q m^3/h	H m
			kW	HP					
2KVC 30/50 M 230-50	**60122127**	1 X 230 V ~	0,55	0,75	2x 4	4	2 – 3,5	1-9	40-20
2KVC 30/50 T 400-50	**60122138**	3 X 400 V ~	0,55	0,75	2x 1,4	4	2 – 3,5	1-9	40-20
2KVC 40/50 M 230-50	**60122128**	1 X 230 V ~	0,8	1,1	2x 5,6	5,2	3,5 – 5	1-9	57-27
2KVC 40/50 T 400-50	**60122139**	3 X 400 V ~	0,8	1,1	2x 2,2	5,2	3,5 – 5	1-9	57-27
2KVC 55/50 M 230-50	**60122129**	1 X 230 V ~	1	1,36	2x 6,4	6,5	4,5 – 6	1-9	66-35
2KVC 55/50 T 400-50	**60122140**	3 X 400 V ~	1	1,36	2x 2,6	6,5	4,5 – 6	1-9	66-35
2KVC 65/50 M 230-50	**60122130**	1 X 230 V ~	1,1	1,5	2x 7,4	8	6 – 7,5	1-9	80-41
2KVC 65/50 T 400-50	**60122141**	3 X 400 V ~	1,1	1,5	2x 3,1	8	6 – 7,5	1-9	80-41
2KVC 75/50 M 230-50	**60122131**	1 X 230 V ~	1,5	2	2x 9	9	7 – 8,5	1-9	92-48
2KVC 75/50 T 400-50	**60122142**	3 X 400 V ~	1,5	2	2x 3,6	9	7 – 8,5	1-9	92-48
2KVC 30/80 M 230-50	**60122132**	1 X 230 V ~	0,8	1,1	2x 5,6	4,5	2,5 – 4	2-14	43-12
2KVC 30/80 T 400-50	**60122143**	3 X 400 V ~	0,8	1,1	2x 2,2	4,5	2,5 – 4	2-14	43-12
2KVC 40/80 M 230-50	**60122133**	1 X 230 V ~	1	1,36	2x 6,5	5,5	3,5 – 5	2-14	54-18
2KVC 40/80 T 400-50	**60122144**	3 X 400 V ~	1	1,36	2x 2,6	5,5	3,5 – 5	2-14	54-18
2KVC 45/80 M 230-50	**60122134**	1 X 230 V ~	1,1	1,5	2x 7,4	6,8	4,5 – 6	2-14	66-23
2KVC 45/80 T 400-50	**60122145**	3 X 400 V ~	1,1	1,5	2x 3,1	6,8	4,5 – 6	2-14	66-23
2KVC 55/80 M 230-50	**60122135**	1 X 230 V ~	1,5	2	2x 9	8	5,5 – 7	2-14	78-29
2KVC 55/80 T 400-50	**60122146**	3 X 400 V ~	1,5	2	2x 3,6	8	5,5 – 7	2-14	78-29
2KVC 65/80 T 400-50	**60122147**	3 X 400 V ~	2,2	3	2x 4	9,2	6,5 – 8	2-14	91-36
2KVC 35/120 M 230-50	**60122136**	1 X 230 V ~	1,1	1,5	2x 7,4	4,5	2,5 – 4	2-22	46-17
2KVC 35/120 T 400-50	**60122148**	3 X 400 V ~	1,1	1,5	2x 3,5	4,5	2,5 – 4	2-22	46-17
2KVC 45/120 M 230-50	**60122137**	1 X 230 V ~	1,85	2,5	2x 12	6	4 – 5,5	2-22	61-24
2KVC 45/120 T 400-50	**60122149**	3 X 400 V ~	1,85	2,5	2x 4,6	6	4 – 5,5	2-22	61-24
2KVC 60/120 T 400-50	**60122150**	3 X 400 V ~	2,2	3	2x 5,4	7,5	5 – 6,5	2-22	77-33
2KVC 70/120 T 400-50	**60122151**	3 X 400 V ~	3	4	2x 6,8	9	6,5 – 8	2-22	92-40
2KVC 85/120 T 400-50	**60122152**	3 X 400 V ~	3	4	2x 7,8	10,5	8,5 – 10	2-22	108-46

The units are supplied with tanks and air feeder connection.

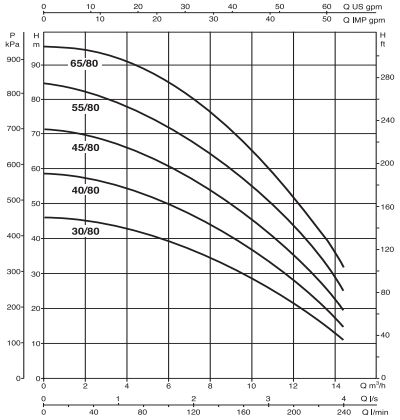
2 KVC

SETS WITH 2 VERTICAL MULTISTAGE CENTRIFUGAL PUMPS

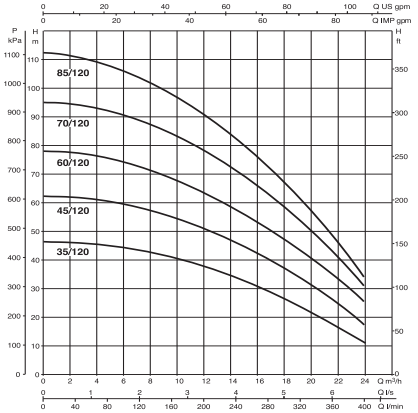
2 KVC 50



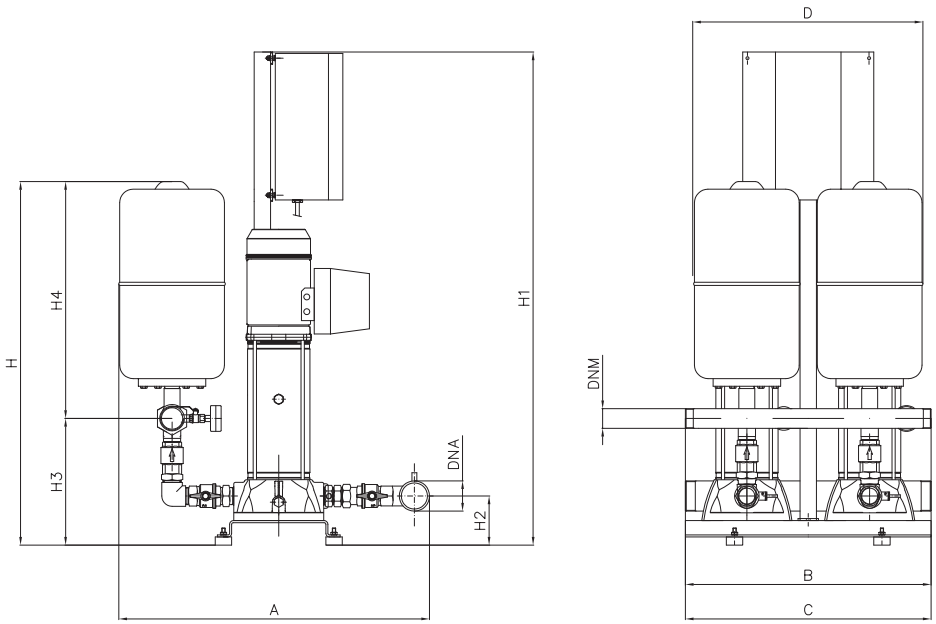
2 KVC 80



2 KVC 120



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	P	H	H1	H2	H3	H4	Ø MANIFOLD		WEIGHT Kg	
											DNA (suction)	DNM (delivery)	Single-Phase	Three-Phase
2KVC 30/50	760	550	500	560	-	800	920	95	260	610	2"	2"	70	70
2KVC 40/50	760	550	500	560	-	800	920	95	260	610	2"	2"	74	74
2KVC 55/50	760	550	500	560	-	800	920	95	260	610	2"	2"	76	76
2KVC 65/50	760	550	500	560	-	800	920	95	260	610	2"	2"	82	81
2KVC 75/50	760	550	500	560	-	800	920	95	260	610	2"	2"	84	83
2KVC 30/80	760	550	500	560	-	800	920	95	260	610	2"	2"	73	73
2KVC 40/80	760	550	500	560	-	800	920	95	260	610	2"	2"	76	76
2KVC 45/80	760	550	500	560	-	800	920	95	260	610	2"	2"	82	82
2KVC 55/80	760	550	500	560	-	800	920	95	260	610	2"	2"	84	82
2KVC 65/80	760	550	500	560	-	800	920	95	260	610	2"	2"	-	85
2KVC 35/120	760	550	500	560	-	800	920	95	260	610	2"	2"	82	82
2KVC 45/120	760	550	500	560	-	800	920	95	260	610	2"	2"	86	86
2KVC 60/120	760	550	500	560	-	800	920	95	260	610	2"	2"	-	90
2KVC 70/120	760	550	500	560	-	800	920	95	260	610	2"	2"	-	94
2KVC 85/120	760	550	500	560	-	800	920	95	260	610	2"	2"	-	95

DAB PUMPS reserves the right to make modifications without notice

3 KVC

SETS WITH 3 VERTICAL MULTISTAGE CENTRIFUGAL PUMPS



Water lifting sets specifically suitable for domestic applications and small systems for civil, agricultural or industrial uses.
The use of multistage vertical axis centrifugal pumps is a guarantee of high performance and efficiency levels.
These pumps are characterised by their compact dimensions, rugged construction, extreme reliability and very low noise operation.
Control panel in impact-resistant self-extinguishing plastic with IP 55 protection rating. The control panel enclosure houses the main power switch, thermal magnetic cut-outs to protect the electric pumps, electric pump starting sequence changeover system, low voltage 24V control circuit, MAN-0-AUT selectors, (start pushbuttons for single-phase version panel), indicator lights on front panel.
Installed on specifically designed column mounted on pumps skid.
3 preset pressure switches for pumps starting / stopping.
The control panel of 2KVC and 3KVC pump sets is prearrange for connection of:
Pressure switch or float switch kit to protect against dry running (*)
Overpressure cut-out pressure switch kit (*)
(*) Optional items available on request
The pump sets are supplied in a strong carton on a wooden pallet complete with installation/maintenance instructions and wiring diagram.

TECHNICAL DATA

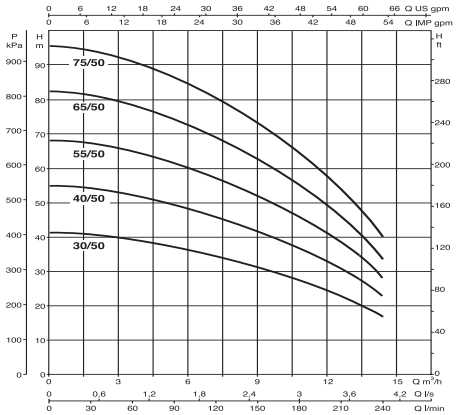
MODEL	CODE	ELECTRICAL DATA				MAX PRESSURE OBTAINABLE BAR	PRESSURE SWITCH SETTING IN BAR	HYDRAULIC DATA	
		VOLTAGE 50 Hz	P2 NOMINAL		In A			Q m^3/h	H m
			kW	HP					
3KVC 30/50 M 230-50	**60122153**	1 X 230 V ~	0,55	0,75	3x 4	4	1,5 – 3,5	1-13,5	40-20
3KVC 30/50 T 400-50	**60122164**	3 X 400 V ~	0,55	0,75	3x 1,4	4	1,5 – 3,5	1-13,5	40-20
3KVC 40/50 M 230-50	**60122154**	1 X 230 V ~	0,8	1,1	3x 5,6	5,2	3 – 5	1-13,5	57-27
3KVC 40/50 T 400-50	**60122165**	3 X 400 V ~	0,8	1,1	3x 2,2	5,2	3 – 5	1-13,5	57-27
3KVC 55/50 M 230-50	**60122155**	1 X 230 V ~	1	1,36	3x 6,4	6,5	4 – 6	1-13,5	66-35
3KVC 55/50 T 400-50	**60122167**	3 X 400 V ~	1	1,36	3x 2,6	6,5	4 – 6	1-13,5	66-35
3KVC 65/50 M 230-50	**60122156**	1 X 230 V ~	1,1	1,5	3x 7,4	8	5,5 – 7,5	1-13,5	80-41
3KVC 65/50 T 400-50	**60122168**	3 X 400 V ~	1,1	1,5	3x 3,1	8	5,5 – 7,5	1-13,5	80-41
3KVC 75/50 M 230-50	**60122157**	1 X 230 V ~	1,5	2	3x 9	9	6,5 – 8,5	1-13,5	92-48
3KVC 75/50 T 400-50	**60122169**	3 X 400 V ~	1,5	2	3x 3,6	9	6,5 – 8,5	1-13,5	92-48
3KVC 30/80 M 230-50	**60122158**	1 X 230 V ~	0,8	1,1	3x 5,6	4,5	2 – 4	2-21	43-12
3KVC 30/80 T 400-50	**60122170**	3 X 400 V ~	0,8	1,1	3x 2,2	4,5	2 – 4	2-21	43-12
3KVC 40/80 M 230-50	**60122159**	1 X 230 V ~	1	1,36	3x 6,5	5,5	3 – 5	2-21	54-18
3KVC 40/80 T 400-50	**60122171**	3 X 400 V ~	1	1,36	3x 2,6	5,5	3 – 5	2-21	54-18
3KVC 45/80 M 230-50	**60122160**	1 X 230 V ~	1,1	1,5	3x 7,4	6,8	4 – 6	2-21	66-23
3KVC 45/80 T 400-50	**60122173**	3 X 400 V ~	1,1	1,5	3x 3,1	6,8	4 – 6	2-21	66-23
3KVC 55/80 M 230-50	**60122161**	1 X 230 V ~	1,5	2	3x 9	8	5 – 7	2-21	78-29
3KVC 55/80 T 400-50	**60122174**	3 X 400 V ~	1,5	2	3x 3,6	8	5 – 7	2-21	78-29
3KVC 65/80 T 400-50	**60122175**	3 X 400 V ~	2,2	3	3x 4	9,2	6 – 8	2-21	91-36
3KVC 35/120 M 230-50	**60122162**	1 X 230 V ~	1,1	1,5	3x 7,4	4,5	2 – 4	2-33	46-17
3KVC 35/120 T 400-50	**60122176**	3 X 400 V ~	1,1	1,5	3x 3,5	4,5	2 – 4	2-33	46-17
3KVC 45/120 M 230-50	**60122163**	1 X 230 V ~	1,85	2,5	3x 12	6	3,5 – 5,5	2-33	61-24
3KVC 45/120 T 400-50	**60122177**	3 X 400 V ~	1,85	2,5	3x 4,6	6	3,5 – 5,5	2-33	61-24
3KVC 60/120 T 400-50	**60122178**	3 X 400 V ~	2,2	3	3x 5,4	7,5	4,5 – 6,5	2-33	77-33
3KVC 70/120 T 400-50	**60122179**	3 X 400 V ~	3	4	3x 6,8	9	6 – 8	2-33	92-40
3KVC 85/120 T 400-50	**60122180**	3 X 400 V ~	3	4	3x 7,8	10,5	8 – 10	2-33	108-46

The units are supplied with tanks and air feeder connection.

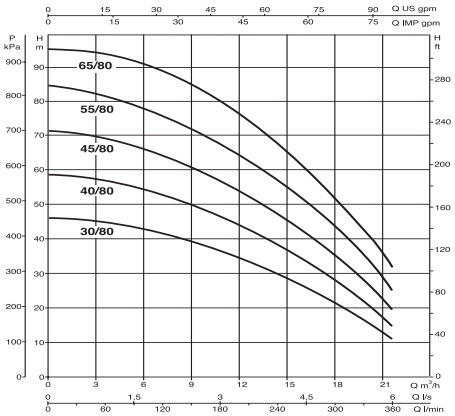
3 KVC

SETS WITH 3 VERTICAL MULTISTAGE CENTRIFUGAL PUMPS

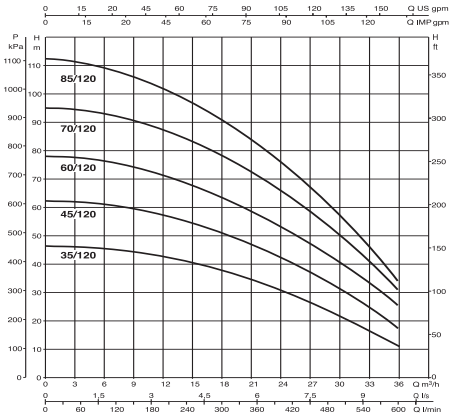
3 KVC 50



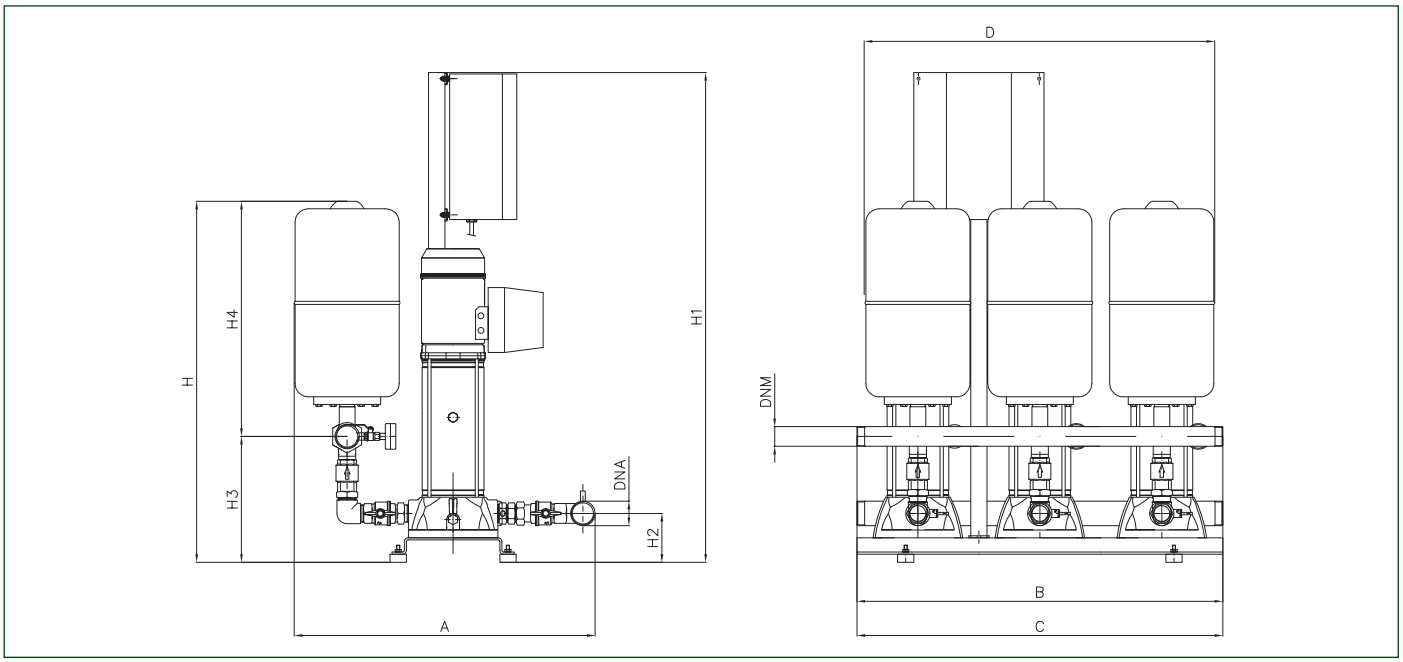
3 KVC 80



3 KVC 120



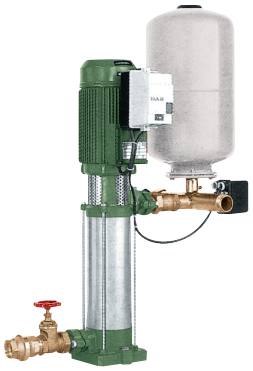
DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	P	H	H1	H2	H3	H4	Ø MANIFOLD		WEIGHT Kg	
											DNA (suction)	DNM (delivery)	Single-Phase	Three-Phase
3KVC 30/50	650	900	810	850	-	950	1100	100	410	610	2" 1/2	2" 1/2	109	109
3KVC 40/50	650	900	810	850	-	950	1100	100	410	610	2" 1/2	2" 1/2	115	115
3KVC 55/50	650	900	810	850	-	950	1100	100	410	610	2" 1/2	2" 1/2	119	119
3KVC 65/50	650	900	810	850	-	950	1100	100	410	610	2" 1/2	2" 1/2	128	127
3KVC 75/50	650	900	810	850	-	950	1100	100	410	610	2" 1/2	2" 1/2	132	130
3KVC 30/80	650	900	810	850	-	950	1100	100	410	610	2" 1/2	2" 1/2	115	114
3KVC 40/80	650	900	810	850	-	950	1100	100	410	610	2" 1/2	2" 1/2	119	119
3KVC 45/80	650	900	810	850	-	950	1100	100	410	610	2" 1/2	2" 1/2	128	128
3KVC 55/80	650	900	810	850	-	950	1100	100	410	610	2" 1/2	2" 1/2	131	128
3KVC 65/80	650	900	810	850	-	950	1100	100	410	610	2" 1/2	2" 1/2	-	133
3KVC 35/120	650	900	810	850	-	950	1100	100	410	610	2" 1/2	2" 1/2	128	128
3KVC 45/120	650	900	810	850	-	950	1100	100	410	610	2" 1/2	2" 1/2	134	134
3KVC 60/120	650	900	810	850	-	950	1100	100	410	610	2" 1/2	2" 1/2	-	140
3KVC 70/120	650	900	810	850	-	950	1100	100	410	610	2" 1/2	2" 1/2	-	146
3KVC 85/120	650	900	810	850	-	950	1100	100	410	610	2" 1/2	2" 1/2	-	148

1 KV 3- 6 -10

SETS WITH 1 VERTICAL MULTISTAGE PUMPS



HYDRAULIC PART

Sets with one pump One multistage KV 3-6-10 type vertical electropump, a membrane vessel suitable for applications in the food sector, a radial pressure gauge, threaded manifolds in galvanised steel, check valve on the suction side and ball valves on the suction and delivery side, gauge holder cock for the control gauge and anti-vibration flexible pipe.

ELECTRICAL PART

Sets with one pump - single-phase version – one two-poles pressure switch connected to the motor, complete with power cable and electric plug.

Three-phase version: overload cutout panel with rearm push button, complete with terminal board for connection to the power line, 1 pressure switch connected to the overload cutout panel.

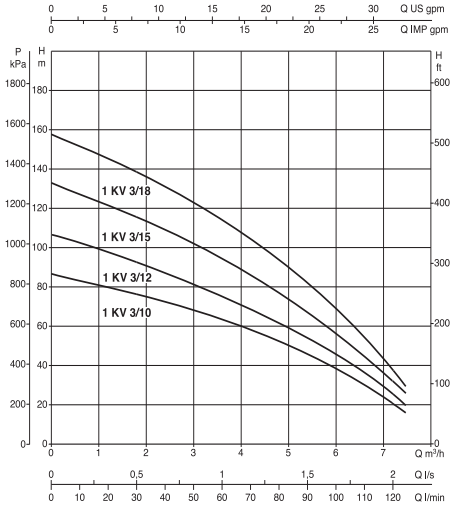
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA				MAX PRESSURE OBTAINABLE BAR	PRESSURE SWITCH SETTING IN BAR	HYDRAULIC DATA	
		VOLTAGE 50 Hz	P2 NOMINAL		In A			Q m^3/h	H m
			kW	HP					
1 KV3/10 M	500310100	1 X 230 V ~	1,1	1,5	7,8	8,2	5÷6	1,8-7,2	73,5-15,5
1 KV3/12 M	500310120	1 X 230 V ~	1,5	2	9,6	10,2	6÷1	1,8-7,2	92-29
1 KV6/7 M	500310270	1 X 230 V ~	1,1	1,5	5,6-3,2	8,2	5÷6	2-8,5	55-17
1 KV6/9 M	500310290	1 X 230 V ~	1,5	2	6,4-3,7	10,2	6÷1	2-8,5	74-22
1 KV10/4 M	500310440	1 X 230 V ~	1,1	1,5	7,5-4,3	13	8÷9	3-13,5	37-14
1 KV10/5 M	500310450	1 X 230 V ~	1,5	2	10-5,8	15,8	10÷11	3-13,5	46-17,5
1 KV3/10 T	500310600	3 X 400 V ~	1,1	1,5	7,5	6	4÷5	1,8-7,2	77-24
1 KV3/12 T	500310620	3 X 400 V ~	1,5	2	9,4	8	5÷6	1,8-7,2	92-29
1 KV3/15 T	500310650	3 X 400 V ~	1,85	2,5	5-2,9	6	4÷5	1,8-7	115,5-36
1 KV3/18 T	500310680	3 X 400 V ~	2,2	3	6,2-3,6	8	5÷6	1,8-7	139-43
1 KV6/7 T	500310770	3 X 400 V ~	1,1	1,5	7,3-4,2	9,8	6÷7	2-8,5	55-17
1 KV6/9 T	500310790	3 X 400 V ~	1,5	2	11-6,3	13	8÷9	2-8,5	74-22
1 KV6/11 T	500310810	3 X 400 V ~	1,85	2,5	8,3	3,8	2÷3	2-8,5	90-27
1 KV6/15 T	500310850	3 X 400 V ~	2,2	3	10,4	4,8	3÷4	2-8,5	123-37
1 KV10/4 T	500310940	3 X 400 V ~	1,1	1,5	6,1-3,5	3,8	2÷3	3-13,5	37-14
1 KV10/5 T	500310950	3 X 400 V ~	1,5	2	6,8-3,9	4,8	3÷4	3-13,5	46-17,5
1 KV10/6 T	500310960	3 X 400 V ~	1,85	2,5	8,7-5	5,5	4÷5	3-13,5	55-21
1 KV10/8 T	500310980	3 X 400 V ~	2,2	3	11,8-6,8	7,2	5÷6	3-13,5	73,5-28

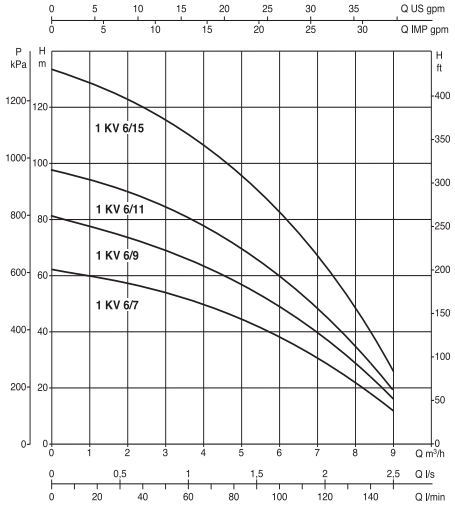
1 KV 3- 6 -10

SETS WITH 1 VERTICAL MULTISTAGE PUMPS

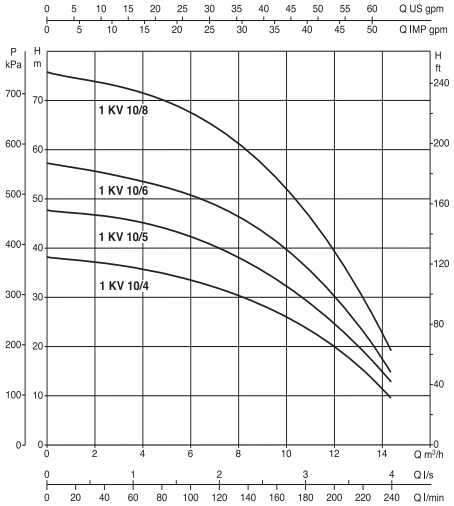
1 KV 3



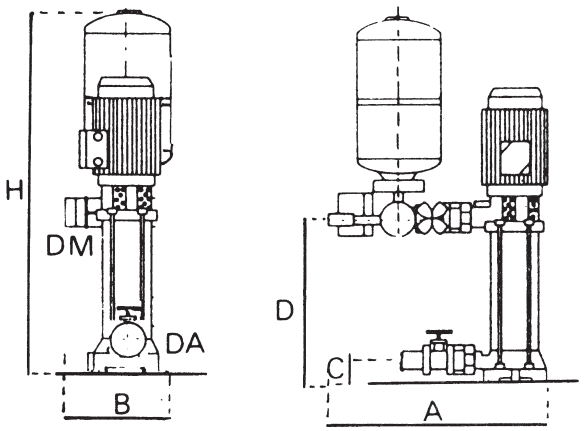
1 KV 6



1 KV 10



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	H	Ø MANIFOLD		WEIGHT Kg	
						DNA (suction)	DNM (delivery)	Single-Phase	Three-Phase
1 KV 3/10 M	760	300	120	473	993	1¼"	1½"	39	-
1 KV 3/12 M	760	300	120	596	1116	1¼"	1½"	40	-
1 KV 3/10 T	760	300	120	473	993	1¼"	1½"	-	39
1 KV 3/12 T	760	300	120	596	1116	1¼"	1½"	-	40
1 KV 3/15 T	760	300	120	692	1212	1¼"	1½"	-	41
1 KV 3/18 T	760	300	120	788	1318	1¼"	1½"	-	47
1 KV 6/7 M	760	300	120	436	956	1¼"	1½"	37	-
1 KV 6/9 M	760	300	120	500	1020	1¼"	1½"	40	-
1 KV 6/7 T	760	300	120	436	956	1¼"	1½"	-	37
1 KV 6/9 T	760	300	120	500	1020	1¼"	1½"	-	40
1 KV 6/11 T	760	300	120	564	1084	1¼"	1½"	-	38
1 KV 6/15 T	760	300	120	692	1212	1¼"	1½"	-	45
1 KV 10/4 M	760	300	120	340	860	1¼"	1½"	35	-
1 KV 10/5 M	760	300	120	372	892	1¼"	1½"	40	-
1 KV 10/4 T	760	300	120	340	860	1¼"	1½"	-	35
1 KV 10/5 T	760	300	120	372	892	1¼"	1½"	-	40
1 KV 10/6 T	760	300	120	404	920	1¼"	1½"	-	38
1 KV 10/8 T	760	300	120	468	988	1¼"	1½"	-	43

DAB PUMPS reserves the right to make modifications without notice

2/3 KV 3- 6 -10

SETS WITH 2 -3 VERTICAL MULTISTAGE PUMPS



HYDRAULIC PART

Sets with 2 or 3 multistage KV 3-6-10 type vertical electropumps, a membrane vessel suitable for applications in the food sector, a radial pressure gauge, threaded manifolds in galvanised steel, check valve on the suction side and ball valves on the suction and delivery side, gauge holder cock for the control gauge and anti-vibration flexible pipe.

ELECTRICAL PART

Sets with 2 or 3 - single-phase version – one two-poles pressure switch connected to the motor, complete with power cable and electric plug.

Three-phase version: overload cutout panel with rearm push button, complete with terminal board for connection to the power line, 1 pressure switch connected to the overload cutout panel.

TECHNICAL DATA - 2 KV

MODEL	CODE	ELECTRICAL DATA				MAX PRESSURE OBTAINABLE BAR	PRESSURE SWITCH SETTING IN BAR	HYDRAULIC DATA	
		VOLTAGE 50 Hz	P2 NOMINAL		In A			Q m^3/h	H m
			kW	HP					
2 KV3/10 M	500320102	1 X 230 V ~	1,1	1,5	2x7,8	8,2	4,5÷6	1,8-7,2	73,5-15,5
2 KV3/12 M	500320122	1 X 230 V ~	1,5	2	2x9,6	10,2	5,5÷7	1,8-7,2	92-29
2 KV6/7 M	500320272	1 X 230 V ~	1,1	1,5	2x7,5	6	3,5÷5	2-8,5	55-17
2 KV6/9 M	500320292	1 X 230 V ~	1,5	2	2x9,4	8	4,5÷6	2-8,5	74-22
2 KV10/4 M	500320442	1 X 230 V ~	1,1	1,5	2x8,3	3,8	1,5÷3	3-13,5	37-14
2 KV10/5 M	500320452	1 X 230 V ~	1,5	2	2x10,4	4,8	2,5÷4	3-13,5	46-17,5
2 KV3/10 T	500320602	3 X 400 V ~	1,1	1,5	2x5,6-3,2	8,2	4,5÷6	1,8-7,2	77-24
2 KV3/12 T	500320622	3 X 400 V ~	1,5	2	2x6,4-3,7	10,2	5,5÷7	1,8-7,2	92-29
2 KV3/15 T	500320652	3 X 400 V ~	1,85	2,5	2x7,5-4,3	13	7,5÷9	1,8-7	115,5-36
2 KV3/18 T	500320682	3 X 400 V ~	2,2	3	2x10-5,8	15,8	9,5÷11	1,8-7	139-43
2 KV6/7 T	500320772	3 X 400 V ~	1,1	1,5	2x5-2,9	6	3,5÷5	2-8,5	55-17
2 KV6/9 T	500320792	3 X 400 V ~	1,5	2	2x6,2-3,6	8	4,5÷6	2-8,5	74-22
2 KV6/11 T	500320812	3 X 400 V ~	1,85	2,5	2x7,3-4,2	9,8	5,5÷7	2-8,5	90-27
2 KV6/15 T	500320852	3 X 400 V ~	2,2	3	2x11-6,3	13	7,5÷9	2-8,5	123-37
2 KV10/4 T	500320942	3 X 400 V ~	1,1	1,5	2x6,1-3,5	3,8	1,5÷3	3-13,5	37-14
2 KV10/5 T	500320952	3 X 400 V ~	1,5	2	2x6,8-3,9	4,8	2,5÷4	3-13,5	46-17,5
2 KV10/6 T	500320962	3 X 400 V ~	1,85	2,5	2x8,7-5	5,5	3,5÷5	3-13,5	55-21
2 KV10/8 T	500320982	3 X 400 V ~	2,2	3	2x11,8-6,8	7,2	4,5÷6	3-13,5	73,5-28

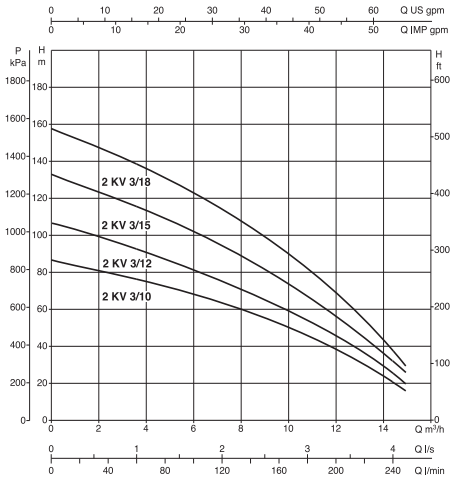
TECHNICAL DATA - 3 KV

MODEL	CODE	ELECTRICAL DATA				MAX PRESSURE OBTAINABLE BAR	PRESSURE SWITCH SETTING IN BAR	HYDRAULIC DATA	
		VOLTAGE 50 Hz	P2 NOMINAL		In A			Q m^3/h	H m
			kW	HP					
3 KV3/10 M	500330102	1 X 230 V ~	1,1	1,5	3x7,8	8,2	4÷6	1,8-7,2	73,5-15,5
3 KV3/12 M	500330122	1 X 230 V ~	1,5	2	3x9,6	10,2	6÷8	1,8-7,2	92-29
3 KV6/7 M	500330272	1 X 230 V ~	1,1	1,5	3x7,5	6	3÷5	2-8,5	55-17
3 KV6/9 M	500330292	1 X 230 V ~	1,5	2	3x9,4	8	5÷7	2-8,5	74-22
3 KV10/4 M	500330442	1 X 230 V ~	1,1	1,5	3x8,3	3,8	2÷3	3-13,5	37-14
3 KV10/5 M	500330452	1 X 230 V ~	1,5	2	3x10,4	4,8	3÷4	3-13,5	46-17,5
3 KV3/10 T	500330602	3 X 400 V ~	1,1	1,5	3x5,6-3,2	8,2	4÷6	1,8-7,2	77-24
3 KV3/12 T	500330622	3 X 400 V ~	1,5	2	3x6,4-3,7	10,2	6÷8	1,8-7,2	92-29
3 KV3/15 T	500330652	3 X 400 V ~	1,85	2,5	3x7,5-4,3	13	8÷10	1,8-7	115,5-36
3 KV3/18 T	500330682	3 X 400 V ~	2,2	3	3x10-5,8	15,8	10÷12	1,8-7	139-43
3 KV6/7 T	500330772	3 X 400 V ~	1,1	1,5	3x5-2,9	6	3÷5	2-8,5	55-17
3 KV6/9 T	500330792	3 X 400 V ~	1,5	2	3x6,2-3,6	8	5÷7	2-8,5	74-22
3 KV6/11 T	500330812	3 X 400 V ~	1,85	2,5	3x7,3-4,2	9,8	6÷8	2-8,5	90-27
3 KV6/15 T	500330852	3 X 400 V ~	2,2	3	3x11-6,3	13	8÷10	2-8,5	123-37
3 KV10/4 T	500330942	3 X 400 V ~	1,1	1,5	3x6,1-3,5	3,8	2÷3	3-13,5	37-14
3 KV10/5 T	500330952	3 X 400 V ~	1,5	2	3x6,8-3,9	4,8	3÷4	3-13,5	46-17,5
3 KV10/6 T	500330962	3 X 400 V ~	1,85	2,5	3x8,7-5	5,5	4÷5	3-13,5	55-21
3 KV10/8 T	500330982	3 X 400 V ~	2,2	3	3x11,8-6,8	7,2	5÷6	3-13,5	73,5-28

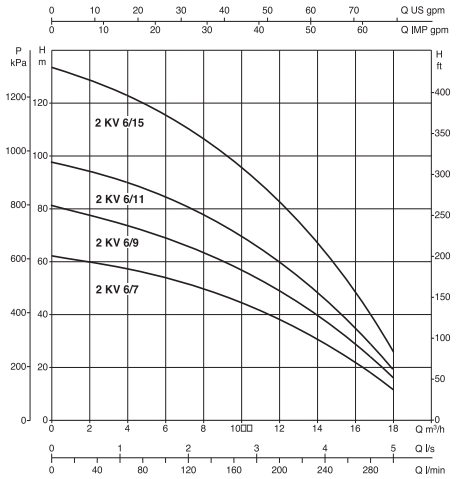
2 KV 3- 6 -10

SETS WITH 2 -3 VERTICAL MULTISTAGE PUMPS

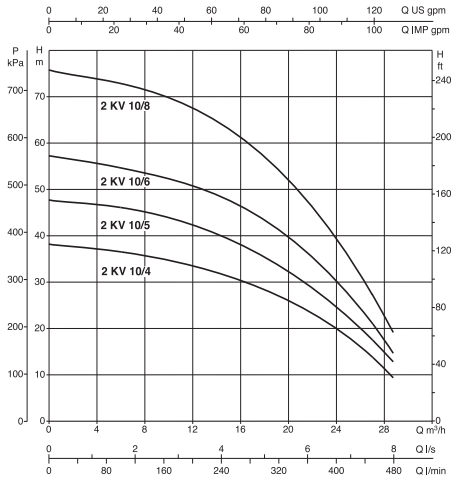
2 KV 3



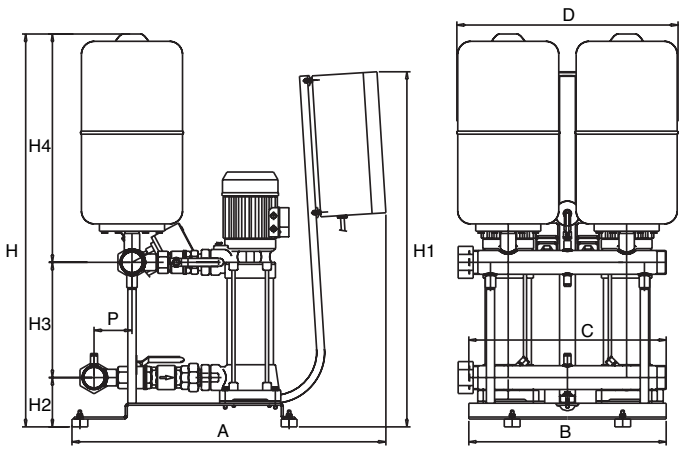
2 KV 6



2 KV 10

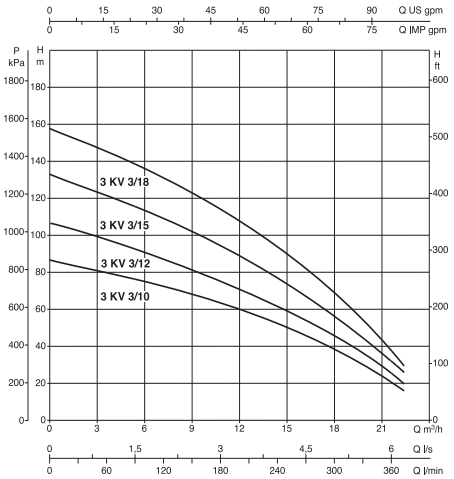


DIMENSIONS AND WEIGHTS 2 KV

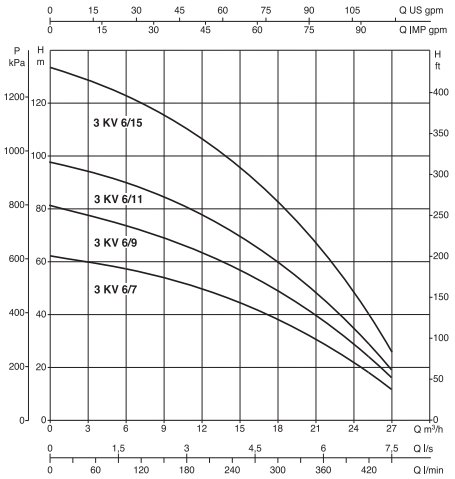


MODEL	A	B	C	D	P	H	H1	H2	H3	H4	Ø MANIFOLD		WEIGHT Kg.
											SUCTION	DELIVERY	
2 KV 3/10 M	795	500	500	560	96	1117	900	125	412	580	2"	2"	118
2 KV 3/12 M	795	500	500	560	96	1181	900	125	476	580	2"	2"	124
2 KV 6/7 M	795	500	500	560	96	1021	900	125	316	580	2"	2"	116
2 KV 6/9 M	795	500	500	560	96	1085	900	125	380	580	2"	2"	121
2 KV 10/4 M	795	500	500	560	108	925	900	125	220	580	2 1/2"	2 1/2"	112
2 KV 10/5 M	795	500	500	560	108	957	900	125	252	580	2 1/2"	2 1/2"	115
2 KV 3/10 T	795	500	500	560	96	1117	900	125	412	580	2"	2"	123
2 KV 3/12 T	795	500	500	560	96	1117	900	125	476	580	2"	2"	129
2 KV 3/15 T	795	500	500	560	96	1277	900	125	572	580	2"	2"	134
2 KV 3/18 T	795	500	500	560	96	1373	900	125	668	580	2"	2"	141
2 KV 6/7 T	795	500	500	560	96	1021	900	125	316	580	2"	2"	121
2 KV 6/9 T	795	500	500	560	96	1085	900	125	380	580	2"	2"	126
2 KV 6/11 T	795	500	500	560	96	1149	900	125	444	580	2"	2"	128
2 KV 6/15 T	795	500	500	560	96	1277	900	125	572	580	2"	2"	140
2 KV 10/4 T	795	500	500	560	108	925	900	125	220	580	2 1/2"	2 1/2"	117
2 KV 10/5 T	795	500	500	560	108	957	900	125	250	580	2 1/2"	2 1/2"	120
2 KV 10/6 T	795	500	500	560	108	989	900	125	284	580	2 1/2"	2 1/2"	126
2 KV 10/8 T	795	500	500	560	108	1053	900	125	348	580	2 1/2"	2 1/2"	132

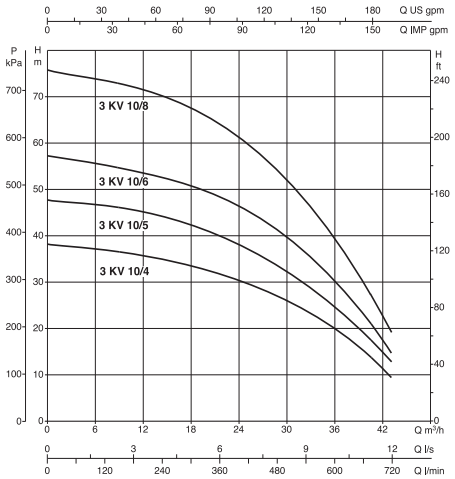
3 KV 3



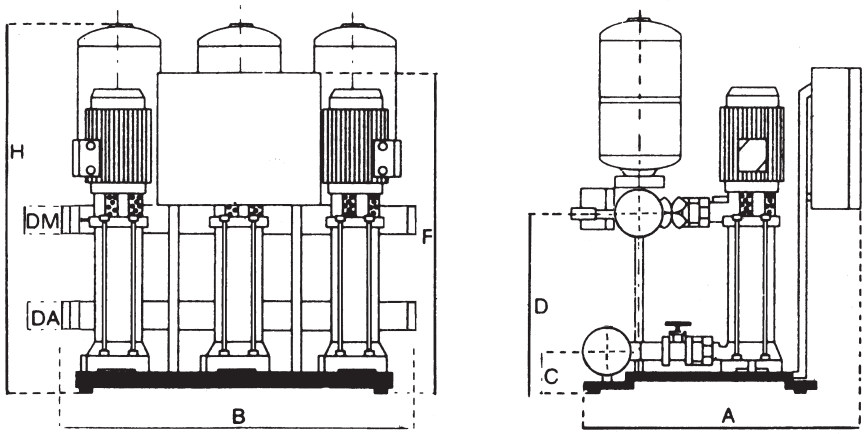
3 KV 6



3 KV 10



DIMENSIONS AND WEIGHTS 3 KV



MODEL	A	B	C	D	F	H	Ø MANIFOLD		WEIGHT Kg.
							SUCTION	DELIVERY	
3 KV 3/10 M	710	825	120	532	847	1122	2"1/2"	2"1/2"	156
3 KV 3/12 M	710	825	120	596	911	1186	2"1/2"	2"1/2"	168
3 KV 6/7 M	710	825	120	436	750	1026	2"	2"	153
3 KV 6/9 M	710	825	120	500	815	1090	2"1/2"	2"1/2"	162
3 KV 10/4 M	740	940	120	340	655	942	DN 80	DN 80	201
3 KV 10/5 M	740	940	120	372	690	974	DN 80	DN 80	216
3 KV 3/10 T	785	825	120	532	847	1122	2"1/2"	2"1/2"	156
3 KV 3/12 T	785	825	120	596	911	1186	2"1/2"	2"1/2"	165
3 KV 3/15 T	785	825	120	692	1007	1282	2"1/2"	2"1/2"	168
3 KV 3/18 T	785	825	120	788	1181	1378	2"1/2"	2"1/2"	183
3 KV 6/7 T	785	825	120	436	750	1026	2"1/2"	2"1/2"	153
3 KV 6/9 T	785	825	120	500	815	1090	2"1/2"	2"1/2"	162
3 KV 6/11 T	785	825	120	664	880	1154	2"1/2"	2"1/2"	170
3 KV 6/15 T	785	825	120	692	1065	1282	2"1/2"	2"1/2"	177
3 KV 10/4 T	810	940	120	340	810	942	DN 80	DN 80	201
3 KV 10/5 T	810	940	120	372	810	974	DN 80	DN 80	216
3 KV 10/6 T	810	940	120	404	810	1006	DN 80	DN 80	210
3 KV 10/8 T	810	940	120	468	855	1070	DN 80	DN 80	225

1 / 2 / 3 / 4 NKV

SETS WITH 1-2-3-4 VERTICAL AXIS MULTISTAGE CENTRIFUGAL PUMPS

NEW



CE

CONSTRUCTION FEATURES for 1-2-3 pumps sets
- Sets composed of N. 1-2-3 main vertical axis multistage centrifugal pumps type NKV
- AISI 304 stainless steel impellers, all parts in contact with the liquid are stainless
- Asynchronous three-phase motor, motor-pump connection with rigid coupling.
- Pump body in cast iron, impeller in technopolymer, pump shaft in stainless steel, carbon/ ceramic mechanical seal. Three-phase asynchronous motor.
- Pumps mounted to a single skid in galvanized steel.
- Available also with KV 3 jockey pump.

HYDRAULIC SECTION OF PUMP SET
Suction manifold Inox, discharge manifold, pressure transducer, electrical control panel, n. 1-2-3 expansion vessels each of 20 litre capacity. Suction port of each pump equipped with isolator valve; Discharge port of each pump equipped with isolator and check valve.

ELECTRICAL CONTROL PANEL
- Control panel in metal IP 54 enclosure, mounted to the electric pumps skid.

Direct starting up to 7.5 kW inclusive, start delta starting above this value. Front of control panel features AUT-0-MAN mode selectors and run indicator lights.
For information, please contact our sales network.

TECHNICAL DATA 1 NKV

MODEL	CODE	ELECTRICAL DATA				MAX PRESSURE OBTAINABLE BAR	STANDARD PRESSURE BAR
		VOLTAGE 50 Hz	P2 NOMINAL		In A		
			kW	HP			
1NKV 10/5 T	60140700	3 X 400 V ~	2,2	3	4,7	5	4,0
1NKV 10/6 T	60140701	3 X 400 V ~	2,2	3	4,7	6	5,0
1NKV 10/7 T	60140702	3 X 400 V ~	3	4	5,8	7	6,0
1NKV 10/8 T	60140703	3 X 400 V ~	3	4	5,8	8	7,0
1NKV 10/9 T	60140704	3 X 400 V ~	3	4	5,8	9	8,0
1NKV 10/10 T	60140705	3 X 400 V ~	4	5,5	7,6	10	8,5
1NKV 10/12 T	60140706	3 X 400 V ~	4	5,5	7,6	12	10
1NKV 10/14 T	60140707	3 X 400 V ~	5,5	7,5	11	14	12
1NKV 15/3 T	60140708	3 X 400 V ~	3	4	5,8	4	3,5
1NKV 15/4 T	60140709	3 X 400 V ~	4	5,5	7,6	5	4
1NKV 15/5 T	60140710	3 X 400 V ~	4	5,5	7,6	6,5	5
1NKV 15/6 T	60140711	3 X 400 V ~	5,5	7,5	11	7,7	6,5
1NKV 15/7 T	60140712	3 X 400 V ~	5,5	7,5	11	9	8
1NKV 15/8 T	60140713	3 X 400 V ~	7,5	10	14,8	10	9
1NKV 15/9 T	60140714	3 X 400 V ~	7,5	10	14,8	12	10
1NKV 15/10 T	60140715	3 X 400 V ~	11	15	22,4	13	11
1NKV 20/3 T	60140716	3 X 400 V ~	4	5,5	7,6	4	3
1NKV 20/4 T	60140717	3 X 400 V ~	5,5	7,5	11	5,5	4,5
1NKV 20/5 T	60140718	3 X 400 V ~	5,5	7,5	11	7	6
1NKV 20/6 T	60140719	3 X 400 V ~	7,5	10	14,8	8,5	7
1NKV 20/7 T	60140720	3 X 400 V ~	7,5	10	14,8	10	8,5
1NKV 20/8 T	60140721	3 X 400 V ~	11	15	22,4	11	9,5
1NKV 20/9 T	60140722	3 X 400 V ~	11	15	22,4	12,5	10
1NKV 20/10 T	60140723	3 X 400 V ~	11	15	22,4	14	12

TECHNICAL DATA 2 NKV

MODEL	CODE	ELECTRICAL DATA				MAX PRESSURE OBTAINABLE BAR	STANDARD PRESSURE BAR
		VOLTAGE 50 Hz	P2 NOMINAL		In A		
			kW	HP			
2NKV 10/5 T	60140778	3 X 400 V ~	2x 2,2	2x 3	2x 4,7	5	4,0
2NKV 10/6 T	60140779	3 X 400 V ~	2x 2,2	2x 3	2x 4,7	6	5,0
2NKV 10/7 T	60140780	3 X 400 V ~	2x 3	2x 4	2x 5,8	7	6,0
2NKV 10/8 T	60140781	3 X 400 V ~	2x 3	2x 4	2x 5,8	8	7,0
2NKV 10/9 T	60140782	3 X 400 V ~	2x 3	2x 4	2x 5,8	9	8,0
2NKV 10/10 T	60140783	3 X 400 V ~	2x 4	2x 5,5	2x 7,6	10	8,5
2NKV 10/12 T	60140784	3 X 400 V ~	2x 4	2x 5,5	2x 7,6	12	10
2NKV 10/14 T	60140785	3 X 400 V ~	2x 5,5	2x 7,5	2x 11	14	12
2NKV 15/3 T	60140786	3 X 400 V ~	2x 3	2x 4	2x 5,8	4	3,5
2NKV 15/4 T	60140787	3 X 400 V ~	2x 4	2x 5,5	2x 7,6	5	4
2NKV 15/5 T	60140788	3 X 400 V ~	2x 4	2x 5,5	2x 7,6	6,5	5
2NKV 15/6 T	60140789	3 X 400 V ~	2x 5,5	2x 7,5	2x 11	7,7	6,5
2NKV 15/7 T	60140790	3 X 400 V ~	2x 5,5	2x 7,5	2x 11	9	8
2NKV 15/8 T	60140791	3 X 400 V ~	2x 7,5	2x 10	2x 14,8	10	9
2NKV 15/9 T	60140792	3 X 400 V ~	2x 7,5	2x 10	2x 14,8	12	10
2NKV 15/10 T	60140793	3 X 400 V ~	2x 11	2x 15	2x 22,4	13	11
2NKV 20/3 T	60140794	3 X 400 V ~	2x 4	2x 5,5	2x 7,6	4	3
2NKV 20/4 T	60140795	3 X 400 V ~	2x 5,5	2x 7,5	2x 11	5,5	4,5
2NKV 20/5 T	60140796	3 X 400 V ~	2x 5,5	2x 7,5	2x 11	7	6
2NKV 20/6 T	60140797	3 X 400 V ~	2x 7,5	2x 10	2x 14,8	8,5	7
2NKV 20/7 T	60140798	3 X 400 V ~	2x 7,5	2x 10	2x 14,8	10	8,5
2NKV 20/8 T	60140799	3 X 400 V ~	2x 11	2x 15	2x 22,4	11	9,5
2NKV 20/9 T	60140800	3 X 400 V ~	2x 11	2x 15	2x 22,4	12,5	10
2NKV 20/10 T	60140801	3 X 400 V ~	2x 11	2x 15	2x 22,4	14	12

TECHNICAL DATA 3 NKV

MODEL	CODE	ELECTRICAL DATA				MAX PRESSURE OBTAINABLE BAR	STANDARD PRESSURE BAR
		VOLTAGE 50 Hz	P2 NOMINAL		In A		
			kW	HP			
3NKV 10/5 T	60140856	3 X 400 V ~	3x 2,2	3x 3	3x 4,7	5	4,0
3NKV 10/6 T	60140857	3 X 400 V ~	2x 2,2	3x 3	3x 4,7	6	5,0
3NKV 10/7 T	60140858	3 X 400 V ~	3x 3	3x 4	3x 5,8	7	6,0
3NKV 10/8 T	60140859	3 X 400 V ~	3x 3	3x 4	3x 5,8	8	7,0
3NKV 10/9 T	60140860	3 X 400 V ~	3x 3	3x 4	3x 5,8	9	8,0
3NKV 10/10 T	60140861	3 X 400 V ~	3x 4	3x 5,5	3x 7,6	10	8,5
3NKV 10/12 T	60140862	3 X 400 V ~	3x 4	3x 5,5	3x 7,6	12	10
3NKV 10/14 T	60140863	3 X 400 V ~	3x 5,5	3x 7,5	3x 11	14	12
3NKV 15/3 T	60140864	3 X 400 V ~	3x 3	3x 4	3x 5,8	4	3,5
3NKV 15/4 T	60140865	3 X 400 V ~	3x 4	3x 5,5	3x 7,6	5	4
3NKV 15/5 T	60140866	3 X 400 V ~	3x 4	3x 5,5	3x 7,6	6,5	5
3NKV 15/6 T	60140867	3 X 400 V ~	3x 5,5	3x 7,5	3x 11	7,7	6,5
3NKV 15/7 T	60140868	3 X 400 V ~	3x 5,5	3x 7,5	3x 11	9	8
3NKV 15/8 T	60140869	3 X 400 V ~	3x 7,5	3x 10	3x 14,8	10	9
3NKV 15/9 T	60140870	3 X 400 V ~	3x 7,5	3x 10	3x 14,8	12	10
3NKV 15/10 T	60140871	3 X 400 V ~	3x 11	3x 15	3x 22,4	13	11
3NKV 20/3 T	60140872	3 X 400 V ~	3x 4	3x 5,5	3x 7,6	4	3
3NKV 20/4 T	60140873	3 X 400 V ~	3x 5,5	3x 7,5	3x 11	5,5	4,5
3NKV 20/5 T	60140874	3 X 400 V ~	3x 5,5	3x 7,5	3x 11	7	6
3NKV 20/6 T	60140875	3 X 400 V ~	3x 7,5	3x 10	3x 14,8	8,5	7
3NKV 20/7 T	60140876	3 X 400 V ~	3x 7,5	3x 10	3x 14,8	10	8,5
3NKV 20/8 T	60140877	3 X 400 V ~	3x 11	3x 15	3x 22,4	11	9,5
3NKV 20/9 T	60140878	3 X 400 V ~	3x 11	3x 15	3x 22,4	12,5	10
3NKV 20/10 T	60140879	3 X 400 V ~	3x 11	3x 15	3x 22,4	14	12

TECHNICAL DATA 4 NKV



MODEL	CODE
4NKV 10/5 T	60163254
4NKV 10/6 T	60163255
4NKV 10/7 T	60163256
4NKV 10/8 T	60163257
4NKV 10/9 T	60163258
4NKV 10/10 T	60163259
4NKV 10/12 T	60163260

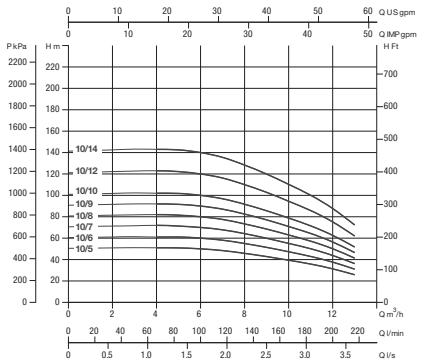
MODEL	CODE
4NKV 15/3 T	60163231
4NKV 15/4 T	60163232
4NKV 15/5 T	60163233
4NKV 15/6 T	60163234
4NKV 15/7 T	60163235
4NKV 15/8 T	60163236
4NKV 15/9 T	60163237
4NKV 15/10 T	60163238

MODEL	CODE
4NKV 20/3 T	60163245
4NKV 20/4 T	60163246
4NKV 20/5 T	60163247
4NKV 20/6 T	60163248
4NKV 20/7 T	60163249
4NKV 20/8 T	60163250
4NKV 20/9 T	60163251
4NKV 20/10 T	60163252

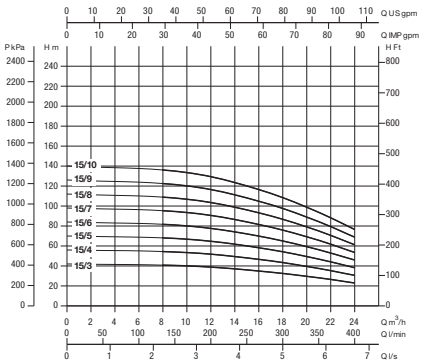
1 / 2 / 3 / 4 NKV

SETS WITH 1-2-3-4 VERTICAL AXIS MULTISTAGE CENTRIFUGAL PUMPS

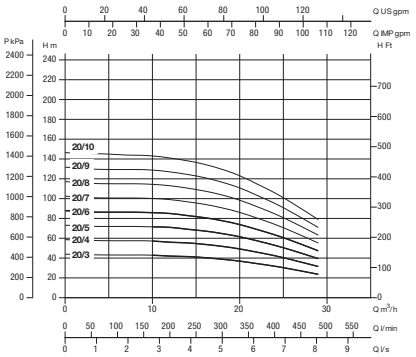
1 NKV 10



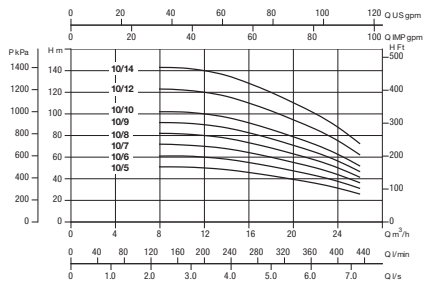
1 NKV 15



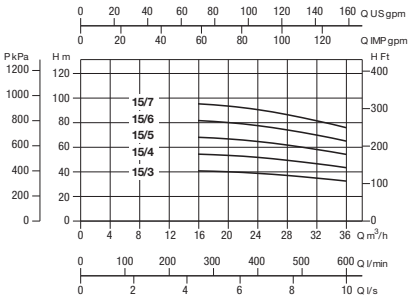
1 NKV 20



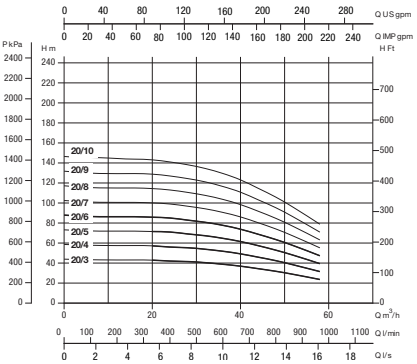
2 NKV 10



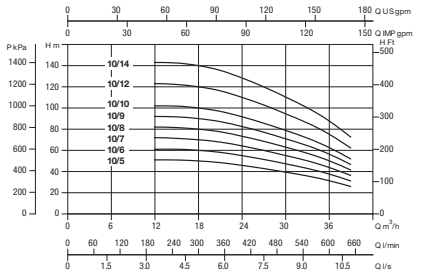
2 NKV 15



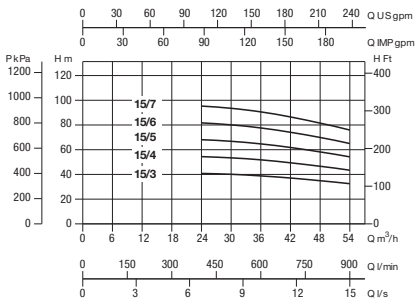
2 NKV 20



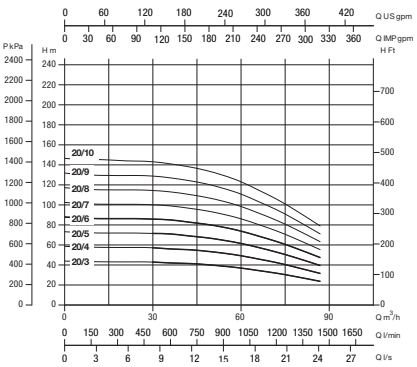
3 NKV 10



3 NKV 15



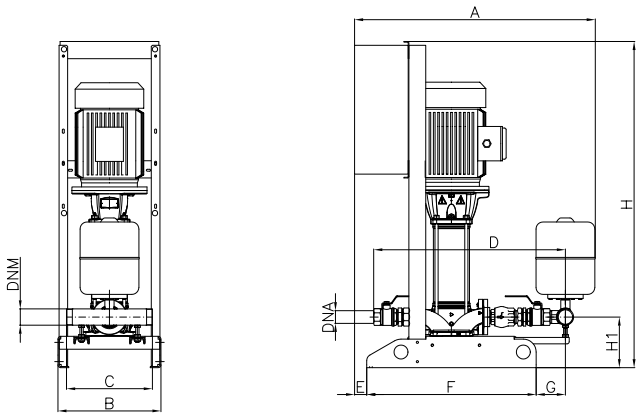
3 NKV 20

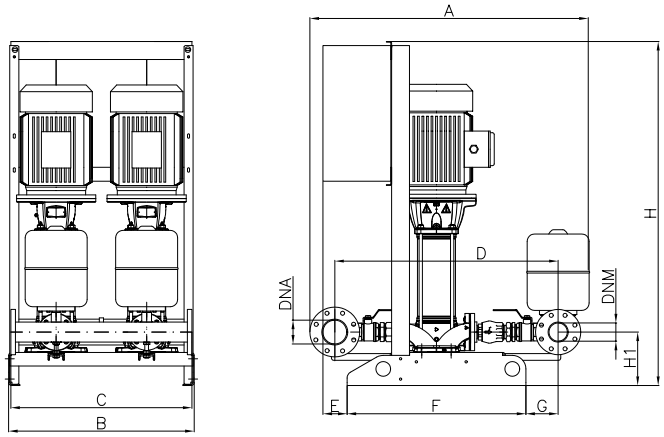


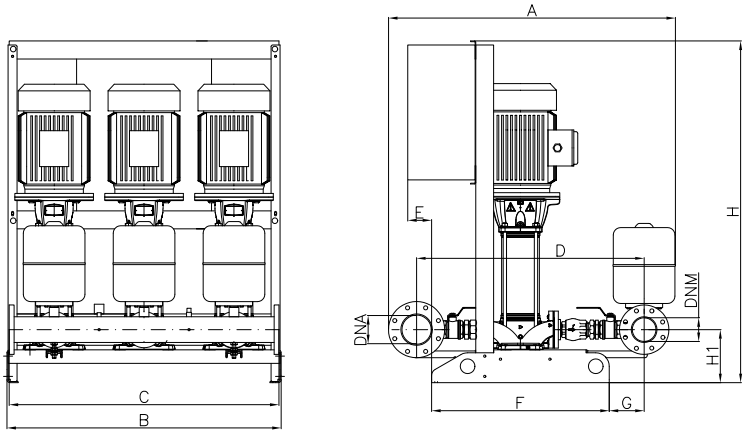
DAB PUMPS reserves the right to make modifications without notice

DAB WATER•TECHNOLOGY

DIMENSIONS AND WEIGHTS







MODEL	A	B	C	D	E	F	G	H	H1	Ø		WEIGHT Kg.
										DNA	DNM	
1 NKV 10	1060	480	400	790	60	790	72	1525	226	1"1/2	2"	118
1 NKV 15-20	1125	480	400	880	60	790	136	1525	236	2"	2"1/2	124
2 NKV 10	1120	820	800	860	110	790	80	1525	226	2"1/2	2"1/2	123
2 NKV 15-20	1265	820	800	975	110	790	145	1525	236	DN 100	DN 80	129
3 NKV 10	1125	1220	1200	870	110	790	86	1525	226	DN 0	DN 80	134
3 NKV 15-20	1265	1220	1200	1000	110	790	155	1525	236	DN 125	DN 100	141

2 NKV 15/20 WITH E-BOX CONTROL PANEL

PRESSURIZATION GROUPS WITH 2 MULTISTAGE CENTRIFUGAL PUMPS WITH A VERTICAL AXIS

NEW



Construction features - Groups with 2 pumps
- Groups consisting of N. 2 main electric pumps centrifugal multistage on a vertical axis NKV.
- Impellers in stainless steel AISI 304, all parts in contact with liquid are stainless
- Three phase asynchronous motor, motor-pump by means of a rigid coupling.
- Pumps mounted on a single base in galvanized steel.

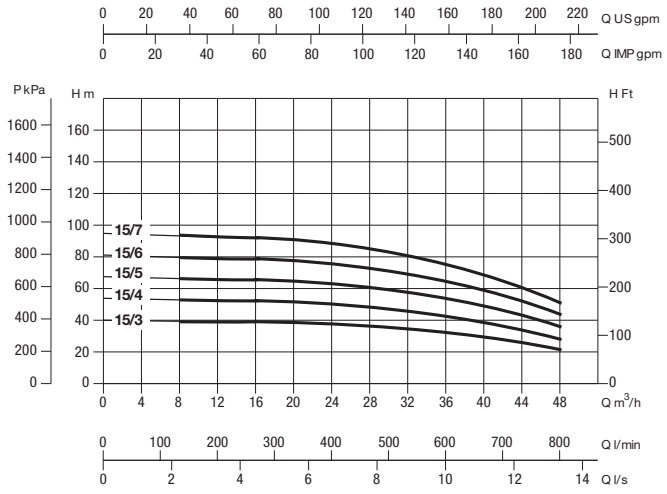
HYDRAULIC GROUP
Intake Manifold Inox, Stainless steel manifold, pressure transducer, electrical control panel, n. 2 expansion tanks, each suction pump with inlet shutoff valves, each pump with outlet shutoff and check valves.

ELECTRICAL CONTROL PANEL
E-box IP 54 switchboard mounted on the crankcase pumps. Direct start up to 5.5 kw including, front panel switches for AUT-0-MAN operation, warning lights.

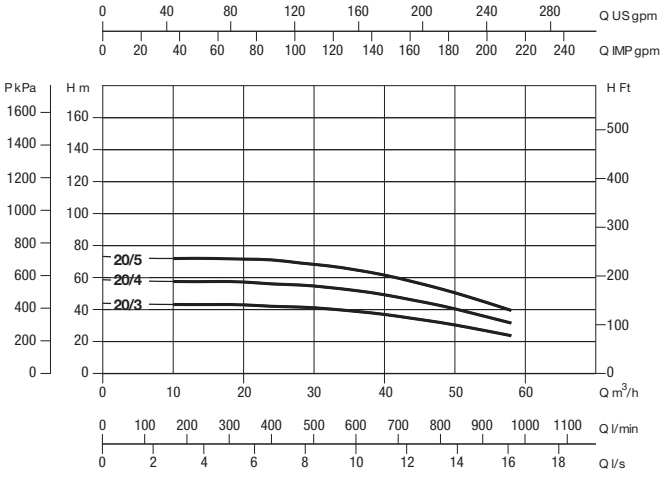
2 NKV 15/20 WITH E-BOX CONTROL PANEL

MODEL	CODE	VOLTAGE	P2 NOMINAL		In A	CONTROL PANEL MODEL	MAX FLOW RATE m³/h	MAX PRESSURE OBTAINABLE BAR	STANDARD PRESSURE BAR
			kW	hp					
2NKV 15/3 T E-BOX 400/50	60160984	3 x 400 50Hz	2x3	2x4	5.8	E-BOX 2G T 12A 400/50-60	48	4	3.5
2NKV 15/4 T E-BOX 400/50	60160882	3 x 400 50Hz	2x4	2x5.5	7.6	E-BOX 2G T 12A 400/50-60	48	5	4
2NKV 15/5 T E-BOX 400/50	60160985	3 x 400 50Hz	2x4	2x5.5	7.6	E-BOX 2G T 12A 400/50-60	48	6.5	5
2NKV 15/6 T E-BOX 400/50	60153135	3 x 400 50Hz	2x5.5	2x7.5	11	E-BOX 2G T 12A 400/50-60	48	7.5	6.5
2NKV 15/7 T E-BOX 400/50	60160986	3 x 400 50Hz	2x.5.5	2x7.5	11	E-BOX 2G T 12A 400/50-60	48	9	8
2NKV 20/3 T E-BOX 400/50	60160987	3 x 400 50Hz	2x4	2x5.5	7.6	E-BOX 2G T 12A 400/50-60	58	4	3.5
2NKV 20/4 T E-BOX 400/50	60160988	3 x 400 50Hz	2x5.5	2x7.5	11	E-BOX 2G T 12A 400/50-60	58	6	5
2NKV 20/5 T E-BOX 400/50	60160989	3 x 400 50Hz	2x5.5	2x7.5	11	E-BOX 2G T 12A 400/50-60	58	7	6

2 NKVE 15



2 NKVE 20

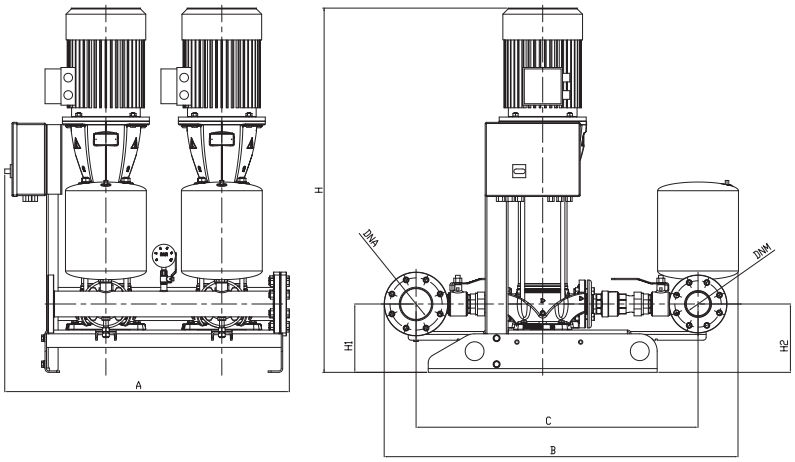


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2 NKV 15/20 WITH E-BOX CONTROL PANEL

PRESSURIZATION GROUPS WITH 2 MULTISTAGE CENTRIFUGAL PUMPS WITH A VERTICAL AXIS

DIMENSIONS AND WEIGHTS



MODEL	A	B	C	H	H1	H2	DNA	DNM	PACKAGING DIMENSIONS			WEIGHT Kg
									L/A	L/B	H	
2NKV 15/3 T E-BOX 400/50 IE2	982	1221	973	964	236	236	100	80	2150	1000	1400	276
2NKV 15/4 T E-BOX 400/50 IE2	982	1221	973	1099	236	236	100	80	2150	1000	1400	280
2NKV 15/5 T E-BOX 400/50 IE2	982	1221	973	1148	236	236	100	80	2150	1000	1400	285
2NKV 15/6 T E-BOX 400/50 IE2	982	1221	973	1257	236	236	100	80	2150	1000	1400	374
2NKV 15/7 T E-BOX 400/50 IE2	982	1221	973	1307	236	236	100	80	2150	1000	1400	377
2NKV 20/3 T E-BOX 400/50 IE2	982	1221	973	1049	236	236	100	80	2150	1000	1400	284
2NKV 20/4 T E-BOX 400/50 IE2	982	1221	973	1158	236	236	100	80	2150	1000	1400	364
2NKV 20/5 T E-BOX 400/50 IE2	982	1221	973	1208	236	236	100	80	2150	1000	1400	366

1 / 2 / 3 KV 50

WITH MULTISTAGE VERTICAL AXIS CENTRIFUGAL PUMPS

The 1/2/3 KV50 pumps set will only be available until February 2014. It will be replaced by a new set with the new pumps NKV32 and NKV 45. Please contact our sales network for further informations.





1/2/3 NKP-G / K

SETS WITH CENTRIFUGAL PUMPS K - NKP-G



Water lifting sets suitable for civilian installation, condominius, hotels, tourist facilities and industrial uses. Lifting units equipped with 1-2-3 centrifugal pumps K series (twin impeller) and NKP / NKP-G series All lifting are complete with galvanised steel base, suction and delivery manifold (for units with one pump only delivery manifold), one stop valve on suction side for each pump and stop valve and non return valve on delivery side for each pump. 1 - 2 or 3 20 liters membran tanks; pressure trasmiter (pressure switch for 2-3 K 55/200) and pressure gauge on delivery manifold.
Electrical panel: IP 55, direct starting for single motors inputs up to 7,5 kW (included) and star-delta starting for single motors from 9,2 kW.

- Weekly test included as standard for all units.
- Available, where indicated, also with the relative pilot pump KVCX series.
- The units is supplied assembled, tested, in a strong cardboard box with wooden
pallet and instructions sheet with electrical diagram.

Weekly test included

TECHNICAL DATA - 1 K - 1NKP-G

1 CENTRIFUGAL PUMP

MODEL	CODE
1K 70/300 400-50	500510061
1K 80/300 400-50	500510071
1K 70/400 400-50	500510081
1K 80/400 400-50	500510091
1NKP-G 32-160/151 3 400-50	60146986
1NKP-G 32-160/163 4 400-50	60146987
1NKP-G 32-200/190 5,5 400-50	60146988
1NKP-G 32-200/210 7,5 400-50	60146989
1NKP-G 40-160/158 5,5 400-50	60146990
1NKP-G 40-160/172 7,5 400-50	60146991
1NKP-G 40-200/210 11 400-50	60146992
1NKP-G 40-250/230 15 400-50	60146993
1NKP-G 40-250/245 18,5 400-50	60146994
1NKP-G 40-250/260 22 400-50	60146995
1NKP-G 50-160/153 7,5 400-50	60146996
1NKP-G 50-160/169 11 400-50	60146997
1NKP-G 50-200/200 15 400-50	60146998
1NKP-G 50-200/210 18,5 400-50	60146999
1NKP-G 50-200/219 22 400-50	60147000
1NKP-G 50-250/230 22 400-50	60147001
1NKP-G 50-250/257 30 400-50	60147002
1NKP-G 65-160/157 11 400-50	500810300
1NKP-G 65-160/173 15 400-50	500810310
1NKP-G 65-200/190 18,5 400-50	500810320
1NKP-G 65-200/200 22 400-50	500810330
1NKP-G 65-200/219 30 400-50	500810340
1NKP-G 80-160/153 15 400-50	500810400
1NKP-G 80-160/163 18,5 400-50	500810410
1NKP-G 80-160/169 22 400-50	500810420
1NKP-G 80-200/190 30 400-50	500810430

1 CENTRIFUGAL PUMP + PILOT PUMP KV

MODEL	CODE
1K 70/300-KVCX 65-50 400-50	500510271
1K 80/300-KVCX 65-50 400-50	500510291
1K 70/400-KVCX 65-80 400-50	500510311
1K 80/400-KVCX 65-80 400-50	500510331
1NKP-G 32-160/151 3-KVCX 65-50 400-50	60147003
1NKP-G 32-160/163 4-KVCX 65-50 400-50	60147004
1NKP-G 32-200/190 5,5-KVCX 65-50 400-50	60147005
1NKP-G 32-200/210 7,5-KVCX 65-50 400-50	60147007
1NKP-G 40-160/158 5,5-KVCX 65-50 400-50	60147008
1NKP-G 40-160/172 7,5-KVCX 65-50 400-50	60147009
1NKP-G 40-200/210 11-KVCX 65-80 400-50	60147010
1NKP-G 40-250/230 15-KVCX 65-80 400-50	60147011
1NKP-G 40-250/245 18,5-KVCX 65-80 400-50	60147012
1NKP-G 40-250/260 22-KVCX 65-80 400-50	60147013
1NKP-G 50-160/153 7,5-KVCX 65-50 400-50	60147014
1NKP-G 50-160/169 11-KVCX 65-80 400-50	60147015
1NKP-G 50-200/200 15-KVCX 65-80 400-50	60147016
1NKP-G 50-200/210 18,5-KVCX 65-80 400-50	60147017
1NKP-G 50-200/219 22-KVCX 65-80 400-50	60147018
1NKP-G 50-250/230 22-KVCX 65-80 400-50	60147019
1NKP-G 50-250/257 30-KVCX 65-80 400-50	60147020
1NKP-G 65-160/157 11-KVCX 65-80 400-50	500810800
1NKP-G 65-160/173 15-KVCX 65-80 400-50	500810810
1NKP-G 65-200/190 18,5-KVCX 65-80 400-50	500810820
1NKP-G 65-200/200 22-KVCX 65-80 400-50	500810830
1NKP-G 65-200/219 30-KVCX 65-80 400-50	500810840
1NKP-G 80-160/153 15-KVCX 65-80 400-50	500810900
1NKP-G 80-160/163 18,5-KVCX 65-80 400-50	500810910
1NKP-G 80-160/169 22-KVCX 65-80 400-50	500810920
1NKP-G 80-200/190 30-KVCX 65-80 400-50	500810930

TECHNICAL DATA - 2 K - 2NKP-G

2 CENTRIFUGAL PUMP

MODEL	CODE
2 K55/200 T	500520020
2 K55/200 T + PS	500521020
2K 70/300 400-50	500520061
2K 80/300 400-50	500520071
2K 70/400 400-50	500520081
2K 80/400 400-50	500520091
2NKP-G 32-160/151 3 400-50	60147021
2NKP-G 32-160/163 4 400-50	60147022
2NKP-G 32-200/190 5,5 400-50	60147023
2NKP-G 32-200/210 7,5 400-50	60147024
2NKP-G 40-160/158 5,5 400-50	60147025
2NKP-G 40-160/172 7,5 400-50	60147026
2NKP-G 40-200/210 11 400-50	60147027
2NKP-G 40-250/230 15 400-50	60147028
2NKP-G 40-250/245 18,5 400-50	60147029
2NKP-G 40-250/260 22 400-50	60147030
2NKP-G 50-160/153 7,5 400-50	60147031
2NKP-G 50-160/169 11 400-50	60147032
2NKP-G 50-200/200 15 400-50	60147033
2NKP-G 50-200/210 18,5 400-50	60147034
2NKP-G 50-200/219 22 400-50	60147035
2NKP-G 50-250/230 22 400-50	60147036
2NKP-G 50-250/257 30 400-50	60147040
2NKP-G 65-160/157 11 400-50	500820300
2NKP-G 65-160/173 15 400-50	500820310
2NKP-G 65-200/190 18,5 400-50	500820320
2NKP-G 65-200/200 22 400-50	500820330
2NKP-G 65-200/219 30 400-50	500820340
2NKP-G 80-160/153 15 400-50	500820400
2NKP-G 80-160/163 18,5 400-50	500820410
2NKP-G 80-160/169 22 400-50	500820420
2NKP-G 80-200/190 30 400-50	500820430

2 CENTRIFUGAL PUMP + PILOT PUMP KV

MODEL	CODE
2 K55/200 T (PILOT PUMP KV 6/7 T)	500520250
2 K55/200 T (PILOT PUMP KV 6/7 T) + PS	500520260
2K 70/300-KVCX 65-50 400-50	500520271
2K 80/300-KVCX 65-50 400-50	500520291
2K 70/400-KVCX 65-80 400-50	500520311
2K 80/400-KVCX 65-80 400-50	500520331
2NKP-G 32-160/151 3-KVCX 65-50 400-50	60147041
2NKP-G 32-160/163 4-KVCX 65-50 400-50	60147042
2NKP-G 32-200/190 5,5-KVCX 65-50 400-50	60147043
2NKP-G 32-200/210 7,5-KVCX 65-50 400-50	60147044
2NKP-G 40-160/158 5,5-KVCX 65-50 400-50	60147045
2NKP-G 40-160/172 7,5-KVCX 65-50 400-50	60147046
2NKP-G 40-200/210 11-KVCX 65-80 400-50	60147047
2NKP-G 40-250/230 15-KVCX 65-80 400-50	60147048
2NKP-G 40-250/245 18,5-KVCX 65-80 400-50	60147049
2NKP-G 40-250/260 22-KVCX 65-80 400-50	60147050
2NKP-G 50-160/153 7,5-KVCX 65-50 400-50	60147051
2NKP-G 50-160/169 11-KVCX 65-80 400-50	60147052
2NKP-G 50-200/200 15-KVCX 65-80 400-50	60147053
2NKP-G 50-200/210 18,5-KVCX 65-80 400-50	60147054
2NKP-G 50-200/219 22-KVCX 65-80 400-50	60147055
2NKP-G 50-250/230 22-KVCX 65-80 400-50	60147056
2NKP-G 50-250/257 30-KVCX 65-80 400-50	60147057
2NKP-G 65-160/157 11-KVCX 65-80 400-50	500820800
2NKP-G 65-160/173 15-KVCX 65-80 400-50	500820810
2NKP-G 65-200/190 18,5-KVCX 65-80 400-50	500820820
2NKP-G 65-200/200 22-KVCX 65-80 400-50	500820830
2NKP-G 65-200/219 30-KVCX 65-80 400-50	500820840
2NKP-G 80-160/153 15-KVCX 65-80 400-50	500820900
2NKP-G 80-160/163 18,5-KVCX 65-80 400-50	500820910
2NKP-G 80-160/169 22-KVCX 65-80 400-50	500820920
2NKP-G 80-200/190 30-KVCX 65-80 400-50	500820930

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TECHNICAL DATA - 3 K - 3 NKP-G

3 CENTRIFUGAL PUMP

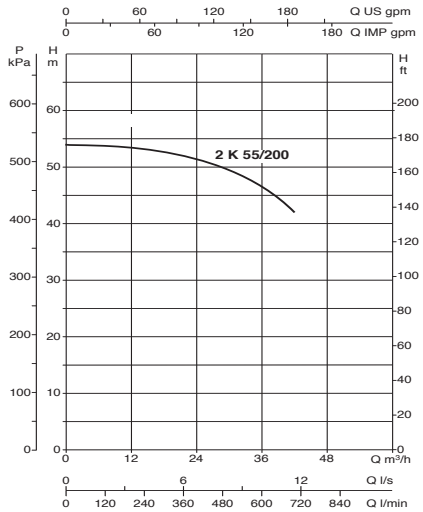
MODEL	CODE
3 K55/200 T	500530020
3 K55/200 T + PS	500531020
3K 70/300 400-50	500530061
3K 80/300 400-50	500530071
3K 70/400 400-50	500530081
3K 80/400 400-50	500530091
3NKP-G 32-160/151 3 400-50	60147058
3NKP-G 32-160/163 4 400-50	60147059
3NKP-G 32-200/190 5,5 400-50	60147060
3NKP-G 32-200/210 7,5 400-50	60147061
3NKP-G 40-160/158 5,5 400-50	60147062
3NKP-G 40-160/172 7,5 400-50	60147063
3NKP-G 40-200/210 11 400-50	60147064
3NKP-G 40-250/230 15 400-50	60147065
3NKP-G 40-250/245 18,5 400-50	60147066
3NKP-G 40-250/260 22 400-50	60147067
3NKP-G 50-160/153 7,5 400-50	60147068
3NKP-G 50-160/169 11 400-50	60147069
3NKP-G 50-200/200 15 400-50	60147070
3NKP-G 50-200/210 18,5 400-50	60147071
3NKP-G 50-200/219 22 400-50	60147072
3NKP-G 50-250/230 22 400-50	60147073
3NKP-G 50-250/257 30 400-50	60147074
3NKP-G 65-160/157 11 400-50	500830300
3NKP-G 65-160/173 15 400-50	500830310
3NKP-G 65-200/190 18,5 400-50	500830320
3NKP-G 65-200/200 22 400-50	500830330
3NKP-G 65-200/219 30 400-50	500830340
3NKP-G 80-160/153 15 400-50	500830400
3NKP-G 80-160/163 18,5 400-50	500830410
3NKP-G 80-160/169 22 400-50	500830420
3NKP-G 80-200/190 30 400-50	500830430

3 CENTRIFUGAL PUMP + PILOT PUMP KV

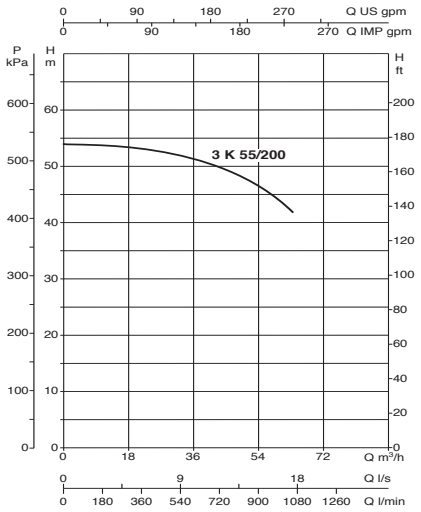
MODEL	CODE
3 K55/200 T (PILOT PUMP KV 6/7 T)	500532050
3 K55/200 T (PILOT PUMP KV 6/7 T) + PS	500532550
3K 70/300-KVCX 65-50 400-50	500532061
3K 80/300-KVCX 65-50 400-50	500532071
3K 70/400-KVCX 65-80 400-50	500532081
3K 80/400-KVCX 65-80 400-50	500532091
3NKP-G 32-160/151 3-KVCX 65-50 400-50	60147075
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3NKP-G 32-200/190 5,5 -KVCX 65-50 400-50	60147077
3NKP-G 32-200/210 7,5-KVCX 65-50 400-50	60147078
3NKP-G 40-160/158 5,5-KVCX 65-50 400-50	60147079
3NKP-G 40-160/172 7,5-KVCX 65-50 400-50	60147080
3NKP-G 40-200/210 11-KVCX 65-80 400-50	60147081
3NKP-G 40-250/230 15-KVCX 65-80 400-50	60147082
3NKP-G 40-250/245 18,5-KVCX 65-80 400-50	60147083
3NKP-G 40-250/260 22-KVCX 65-80 400-50	60147084
3NKP-G 50-160/153 7,5-KVCX 65-50 400-50	60147085
3NKP-G 50-160/169 11-KVCX 65-80 400-50	60147086
3NKP-G 50-200/200 15-KVCX 65-80 400-50	60147087
3NKP-G 50-200/210 18,5-KVCX 65-80 400-50	60147088
3NKP-G 50-200/219 22-KVCX 65-80 400-50	60147089
3NKP-G 50-250/230 22-KVCX 65-80 400-50	60147090
3NKP-G 50-250/257 30-KVCX 65-80 400-50	60147091
3NKP-G 65-160/157 11-KVCX 65-80 400-50	500830800
3NKP-G 65-160/173 15-KVCX 65-80 400-50	500830810
3NKP-G 65-200/190 18,5-KVCX 65-80 400-50	500830820
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TECHNICAL DATA

2K



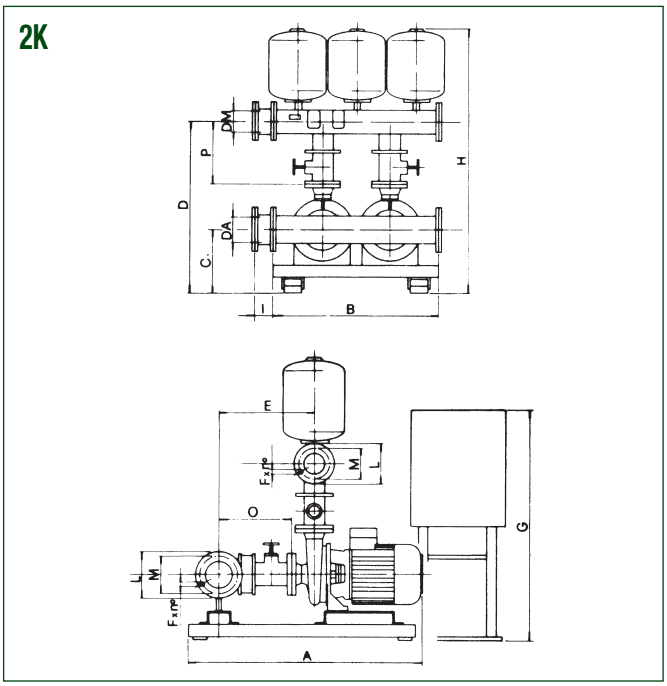
3K



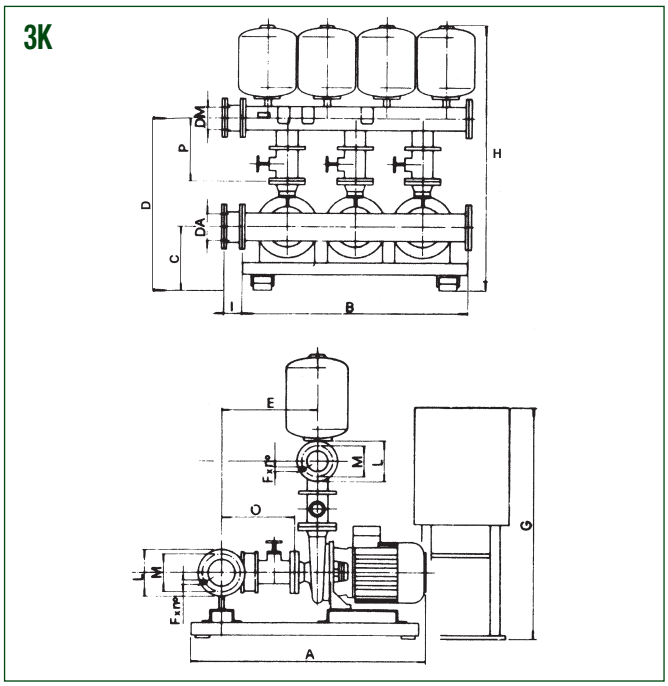
MODEL	VOLTAGE 50 Hz	P2 NOMINAL		In A	PRESSURE SWITCH SETTING IN BAR	PILOT PUMP		
		kW x2	HP x2			TIPO	P2	
							kW	HP
2 K 55/200 T	3x400 V~	2x4	2x5,5	2x16,3-9,4	4,3÷5,1	KV 6/7 T	1,1	1,5
3 K 55/200 T	3x400 V~	3x4	3x5,5	3x16,3-9,4	4,3÷5,1	KV 6/7 T	1,1	1,5

DIMENSIONS AND WEIGHTS

2K



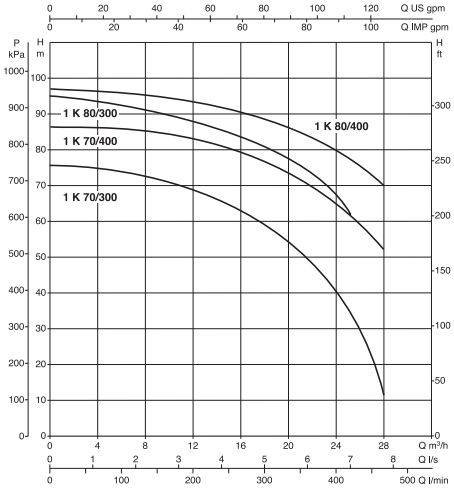
3K



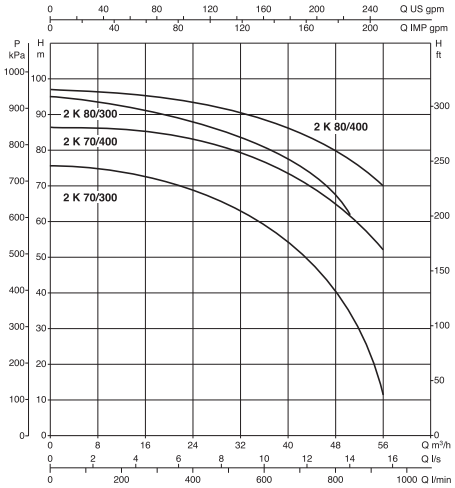
MODEL	A	B	C	D	E	G	H	O	P	Ø MANIFOLD										WEIGHT Kg.
										SUCTION					DELIVERY					
										ø DA	I	L	M	Fxn°	ø DN	I	L	M	Fxn°	
2 K 55/200 T	850	720	200	585	425	1005	1165	380	260	DN 80	130	200	160	18x4	DN 80	130	200	160	18x4	242
3 K 55/200 T	900	1100	200	595	435	1005	1185	390	260	DN 100	135	220	180	18x8	DN 100	135	220	180	18x8	365

TECHNICAL DATA 1-2-3 K GROUPS

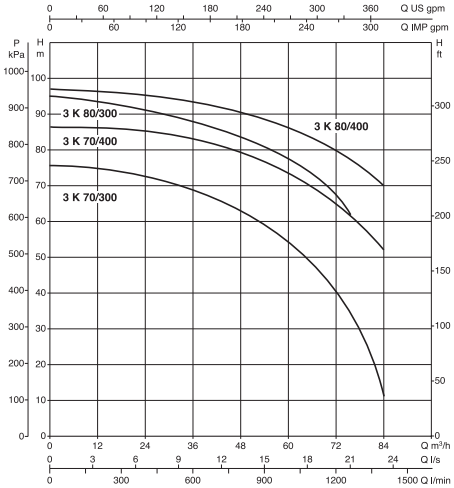
1 K



2 K



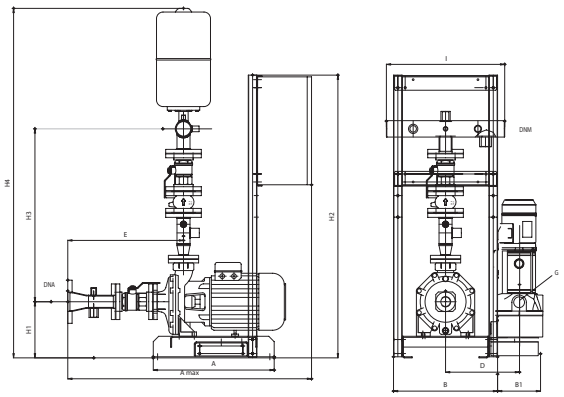
3 K



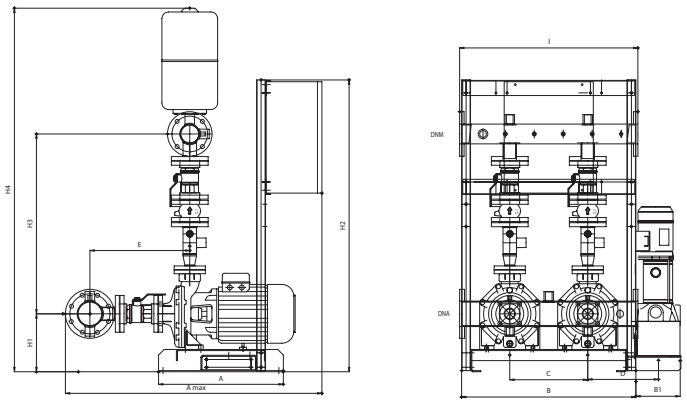
MODEL	VOLTAGE	P2 NOMINAL kW	P2 NOMINAL HP	P2 NOMINAL PILOT PUMP kW	In PUMPS A	MAX PRESSURE OBTAINABLE BAR	DAB STANDARD PRESSURE BAR
1K 70/300 + KVC 65/50	3x400 V	5,5	7,5	1,1	12,9	7,3	6,5
1K 80/300 + KVC 65/80	3x400 V	7,5	10	1,1	15	9,2	8,5
1K 70/400 + KVC 65/80	3x400 V	9,2	12,5	2,2	18	8,3	7,5
1K 80/400 + KVC 65/80	3x400 V	11	15	2,2	21	9,5	8,5
2K 70/300 + KVC 65/50	3x400 V	2 x 5,5	2 x 7,5	1,1	2 x 12,9	7,3	6,5
2K 80/300 + KVC 65/80	3x400 V	2 x 7,5	2 x 10	1,1	2 x 15	9,2	8,5
2K 70/400 + KVC 65/80	3x400 V	2 x 9,2	2 x 12,5	2,2	2 x 18	8,3	7,5
2K 80/400 + KVC 65/80	3x400 V	2 x 11	2 x 15	2,2	2 x 21	9,5	8,5
3K 70/300 + KVC 65/50	3x400 V	3 x 5,5	3 x 7,5	1,1	3 x 12,9	7,3	6,5
3K 80/300 + KVC 65/80	3x400 V	3 x 7,5	3 x 10	1,1	3 x 15	9,2	8,5
3K 70/400 + KVC 65/80	3x400 V	3 x 9,2	3 x 12,5	2,2	3 x 18	8,3	7,5
3K 80/400 + KVC 65/80	3x400 V	3 x 11	3 x 15	2,2	3 x 21	9,5	8,5

DIMENSIONS AND WEIGHTS

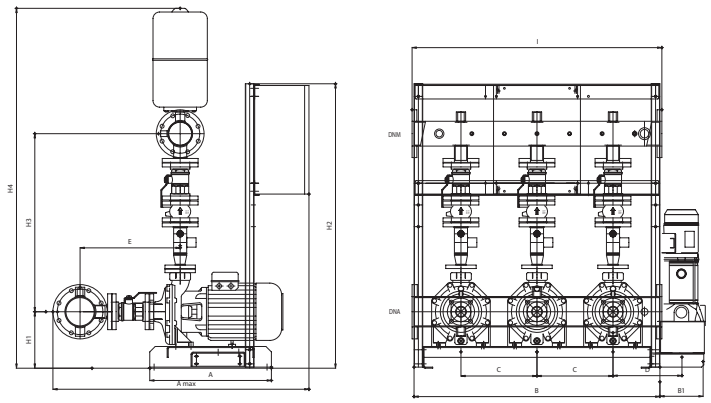
1 K



2 K



3 K



MODEL	A	A max	B	B1	C	D	E	G	H	H1	H2	H3	H4	I	DNA	DNM
1K 70/300 + KVC 65/50	560	1129	482	199	-	343	536	1" 1/4	182	260	1310	801	1619	548	DN80	2" 1/2
1K 80/300 + KVC 65/80	560	1129	482	199	-	343	536	1" 1/4	182	260	1310	801	1619	548	DN80	2" 1/2
1K 70/400 + KVC 65/80	560	1129	482	199	-	343	536	1" 1/4	182	260	1310	801	1619	548	DN80	2" 1/2
1K 80/400 + KVC 65/80	560	1129	482	199	-	343	536	1" 1/4	182	260	1310	801	1619	548	DN80	2" 1/2
2K 70/300 + KVC 65/50	560	1151	782	199	350	318	448	-	-	260	1310	807	1632	800	DN100	DN 80
2K 80/300 + KVC 65/80	560	1151	782	199	350	318	448	-	-	260	1310	807	1632	800	DN100	DN 80
2K 70/400 + KVC 65/80	560	1151	782	199	350	318	448	-	-	260	1310	807	1632	800	DN100	DN 80
2K 80/400 + KVC 65/80	560	1151	782	199	350	318	448	-	-	260	1310	807	1632	800	DN100	DN 80
3K 70/300 + KVC 65/50	560	1179	1132	199	350	318	461	-	-	260	1310	820	1657	1150	DN 125	DN 100
3K 80/300 + KVC 65/80	560	1179	1132	199	350	318	461	-	-	260	1310	820	1657	1150	DN 125	DN 100
3K 70/400 + KVC 65/80	560	1179	1132	199	350	318	461	-	-	260	1310	820	1657	1150	DN 125	DN 100
3K 80/400 + KVC 65/80	560	1179	1132	199	350	318	461	-	-	260	1310	820	1657	1150	DN 125	DN 100

DAB PUMPS reserves the right to make modifications without notice

TECHNICAL DATA 1 NKP-G

MODEL	VOLTAGE	P2 NOMINAL kW	P2 NOMINAL HP	P2 NOMINAL PILOT PUMP kW	In PUMPS A	MAX PRESSURE OBTAINABLE BAR	DAB STANDARD PRESSURE BAR
1NKP-G 32-160/151 + KVC 65/50	3x400 V	3	4	1,1	6,7	3	2,5
1NKP-G 32-160/163 + KVC 65/50	3x400 V	4	5,5	1,1	8,7	3,5	3
1NKP-G 32-200/190 + KVC 65/50	3x400 V	5,5	7,5	1,1	11,6	4,5	4
1NKP-G 32-200/210 + KVC 65/50	3x400 V	7,5	10	1,1	14	5,6	5
1NKP-G 40-160/158 + KVC 65/50	3x400 V	5,5	7,5	1,1	11,6	3,3	3
1NKP-G 40-160/172 + KVC 65/50	3x400 V	7,5	10	1,1	14	4	3,5
1NKP-G 40-200/210 + KVC 65/80	3x400 V	11	15	2,2	22,5	5,5	5
1NKP-G 40-250/230 + KVC 65/80	3x400 V	15	20	2,2	31	7	6,5
1NKP-G 40-250/245 + KVC 65/80	3x400 V	18,5	25	2,2	36	8	7,5
1NKP-G 40-250/260 + KVC 65/80	3x400 V	22	30	2,2	43	9,3	8,5
1NKP-G 50-160/153 + KVC 65/50	3x400 V	7,5	10	1,1	14	3	2,5
1NKP-G 50-160/169 + KVC 65/80	3x400 V	11	15	2,2	22,5	3,8	3,3
1NKP-G 50-200/200 + KVC 65/80	3x400 V	15	20	2,2	31	5,2	5
1NKP-G 50-200/210 + KVC 65/80	3x400 V	18,5	25	2,2	36	6	5,5
1NKP-G 50-200/219 + KVC 65/80	3x400 V	22	30	2,2	43	6,5	6
1NKP-G 50-250/230 + KVC 65/80	3x400 V	22	30	2,2	43	7	6,5
1NKP-G 50-200/257 + KVC 65/80	3x400 V	30	40	2,2	57	9	8,5
1NKP-G 65-160/157 + KVC 65/80	3x400 V	11	15	2,2	20,4	3	2,5
1NKP-G 65-160/173 + KVC 65/80	3x400 V	15	20	2,2	27,5	3,8	3,5
1NKP-G 65-200/190 + KVC 65/80	3x400 V	18,5	25	2,2	33,5	5	4,5
1NKP-G 65-200/200 + KVC 65/80	3x400 V	22	30	2,2	39,5	5,5	5
1NKP-G 65-200/219 + KVC 65/80	3x400 V	30	40	2,2	52,5	6,5	6
1NKP-G 80-160/153 + KVC 65/80	3x400 V	15	20	2,2	27,5	2,8	2,5
1NKP-G 80-160/163 + KVC 65/80	3x400 V	18,5	25	2,2	33,5	3,3	3
1NKP-G 80-160/169 + KVC 65/80	3x400 V	22	30	2,2	39,5	3,7	3,3
1NKP-G 80-200/190 + KVC 65/80	3x400 V	30	40	2,2	52,5	4,6	4,5

TECHNICAL DATA 2 NKP-G

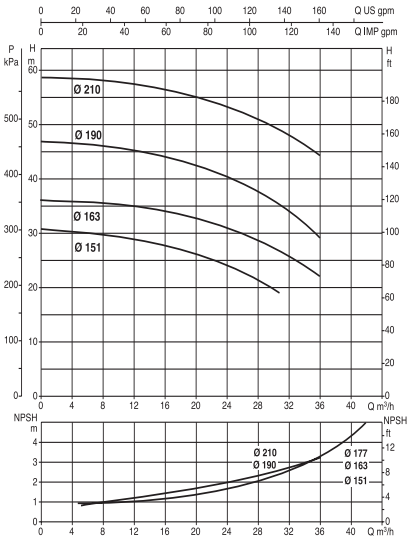
MODEL	VOLTAGE	P2 NOMINAL kW	P2 NOMINAL HP	P2 NOMINAL PILOT PUMP kW	In PUMPS A	MAX PRESSURE OBTAINABLE BAR	DAB STANDARD PRESSURE BAR
2NKP-G 32-160/151 + KVC 65/50	3x400 V	2 x 3	2 x 4	1,1	2 x 6,7	3	2,5
2NKP-G 32-160/163 + KVC 65/50	3x400 V	2 x 4	2 x 5,5	1,1	2 x 8,7	3,5	3
2NKP-G 32-200/190 + KVC 65/50	3x400 V	2 x 5,5	2 x 7,5	1,1	2 x 11,6	4,5	4
2NKP-G 32-200/210 + KVC 65/50	3x400 V	2 x 7,5	2 x 10	1,1	2 x 14	5,6	5
2NKP-G 40-160/158 + KVC 65/50	3x400 V	2 x 5,5	2 x 7,5	1,1	2 x 11,6	3,3	3
2NKP-G 40-160/172 + KVC 65/50	3x400 V	2 x 7,5	2 x 10	1,1	2 x 14	4	3,5
2NKP-G 40-200/210 + KVC 65/80	3x400 V	2 x 11	2 x 15	2,2	2 x 22,5	5,5	5
2NKP-G 40-250/230 + KVC 65/80	3x400 V	2 x 15	2 x 20	2,2	2 x 31	7	6,5
2NKP-G 40-250/245 + KVC 65/80	3x400 V	2 x 18,5	2 x 25	2,2	2 x 36	8	7,5
2NKP-G 40-250/260 + KVC 65/80	3x400 V	2 x 22	2 x 30	2,2	2 x 43	9,3	8,5
2NKP-G 50-160/153 + KVC 65/50	3x400 V	2 x 7,5	2 x 10	1,1	2 x 14	3	2,5
2NKP-G 50-160/169 + KVC 65/80	3x400 V	2 x 11	2 x 15	2,2	2 x 22,5	3,8	3,3
2NKP-G 50-200/200 + KVC 65/80	3x400 V	2 x 15	2 x 20	2,2	2 x 31	5,2	5
2NKP-G 50-200/210 + KVC 65/80	3x400 V	2 x 18,5	2 x 25	2,2	2 x 36	6	5,5
2NKP-G 50-200/219 + KVC 65/80	3x400 V	2 x 22	2 x 30	2,2	2 x 43	6,5	6
2NKP-G 50-250/230 + KVC 65/80	3x400 V	2 x 22	2 x 30	2,2	2 x 43	7	6,5
2NKP-G 50-200/257 + KVC 65/80	3x400 V	2 x 30	2 x 40	2,2	2 x 57	9	8,5
2NKP-G 65-160/157 + KVC 65/80	3x400 V	2 x 11	2 x 15	2,2	2 x 20,4	3	2,5
2NKP-G 65-160/173 + KVC 65/80	3x400 V	2 x 15	2 x 20	2,2	2 x 27,5	3,8	3,5
2NKP-G 65-200/190 + KVC 65/80	3x400 V	2 x 18,5	2 x 25	2,2	2 x 33,5	5	4,5
2NKP-G 65-200/200 + KVC 65/80	3x400 V	2 x 22	2 x 30	2,2	2 x 39,5	5,5	5
2NKP-G 65-200/219 + KVC 65/80	3x400 V	2 x 30	2 x 40	2,2	2 x 52,5	6,5	6
2NKP-G 80-160/153 + KVC 65/80	3x400 V	2 x 15	2 x 20	2,2	2 x 27,5	2,8	2,5
2NKP-G 80-160/163 + KVC 65/80	3x400 V	2 x 18,5	2 x 25	2,2	2 x 33,5	3,3	3
2NKP-G 80-160/169 + KVC 65/80	3x400 V	2 x 22	2 x 30	2,2	2 x 39,5	3,7	3,3
2NKP-G 80-200/190 + KVC 65/80	3x400 V	2 x 30	2 x 40	2,2	2 x 52,5	4,6	4,5

DAB PUMPS reserves the right to make modifications without notice

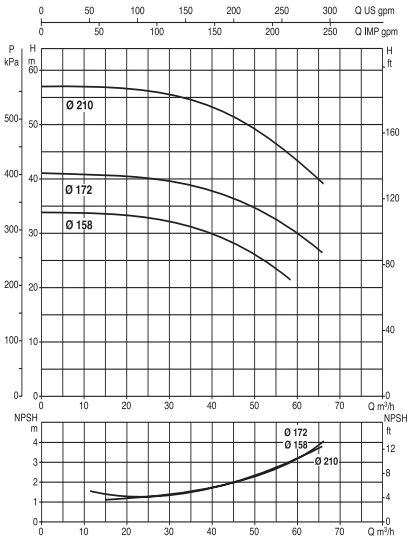
TECHNICAL DATA 3 NKP-G

MODEL	VOLTAGE	P2 NOMINAL kW	P2 NOMINAL HP	P2 NOMINAL PILOT PUMP kW	In PUMPS A	MAX PRESSURE OBTAINABLE BAR	DAB STANDARD PRESSURE BAR
3NKP-G 32-160/151 + KVC 65/50	3x400 V	3 x 3	3 x 4	1,1	3 x 6,7	3	2,5
3NKP-G 32-160/163 + KVC 65/50	3x400 V	3 x 4	3 x 5,5	1,1	3 x 8,7	3,5	3
3NKP-G 32-160/177 + KVC 65/50	3x400 V	3 x 5,5	3 x 7,5	1,1	3 x 11,6	4,2	3,8
3NKP-G 32-200/190 + KVC 65/50	3x400 V	3 x 5,5	3 x 7,5	1,1	3 x 11,6	4,5	4
3NKP-G 32-200/210 + KVC 65/50	3x400 V	3 x 7,5	3 x 10	1,1	3 x 14	5,6	5
3NKP-G 40-160/158 + KVC 65/50	3x400 V	3 x 5,5	3 x 7,5	1,1	2 x 11,6	3,3	3
3NKP-G 40-160/172 + KVC 65/50	3x400 V	3 x 7,5	3 x 10	1,1	3 x 14	4	3,5
3NKP-G 40-200/210 + KVC 65/80	3x400 V	3 x 11	3 x 15	2,2	2 x 22,5	5,5	5
3NKP-G 40-250/230 + KVC 65/80	3x400 V	3 x 15	3 x 20	2,2	3 x 31	7	6,5
3NKP-G 40-250/245 + KVC 65/80	3x400 V	3 x 18,5	3 x 25	2,2	3 x 36	8	7,5
3NKP-G 40-250/260 + KVC 65/80	3x400 V	3 x 22	3 x 30	2,2	3 x 43	9,3	8,5
3NKP-G 50-160/153 + KVC 65/50	3x400 V	3 x 7,5	3 x 10	1,1	3 x 14	3	2,5
3NKP-G 50-160/169 + KVC 65/80	3x400 V	3 x 11	3 x 15	2,2	2 x 22,5	3,8	3,3
3NKP-G 50-200/200 + KVC 65/80	3x400 V	3 x 15	3 x 20	2,2	2 x 31	5,2	5
3NKP-G 50-200/210 + KVC 65/80	3x400 V	3 x 18,5	3 x 25	2,2	3 x 36	6	5,5
3NKP-G 50-200/219 + KVC 65/80	3x400 V	3 x 22	3 x 30	2,2	3 x 43	6,5	6
3NKP-G 50-250/230 + KVC 65/80	3x400 V	3 x 22	3 x 30	2,2	3 x 43	7	6,5
3NKP-G 50-200/257 + KVC 65/80	3x400 V	3 x 30	3 x 40	2,2	2 x 57	9	8,5
3NKP-G 65-160/157 + KVC 65/80	3x400 V	3 x 11	3 x 15	2,2	3 x 20,4	3	2,5
3NKP-G 65-160/173 + KVC 65/80	3x400 V	3 x 15	3 x 20	2,2	3 x 27,5	3,8	3,5
3NKP-G 65-200/190 + KVC 65/80	3x400 V	3 x 18,5	3 x 25	2,2	3 x 33,5	5	4,5
3NKP-G 65-200/200 + KVC 65/80	3x400 V	3 x 22	3 x 30	2,2	3 x 39,5	5,5	5
3NKP-G 65-200/219 + KVC 65/80	3x400 V	3 x 30	3 x 40	2,2	3 x 52,5	6,5	6
3NKP-G 80-160/153 + KVC 65/80	3x400 V	3 x 15	3 x 20	2,2	3 x 27,5	2,8	2,5
3NKP-G 80-160/163 + KVC 65/80	3x400 V	3 x 18,5	3 x 25	2,2	3 x 33,5	3,3	3
3NKP-G 80-160/169 + KVC 65/80	3x400 V	3 x 22	3 x 30	2,2	3 x 39,5	3,7	3,3
3NKP-G 80-200/190 + KVC 65/80	3x400 V	3 x 30	3 x 40	2,2	3 x 52,5	4,6	4,5

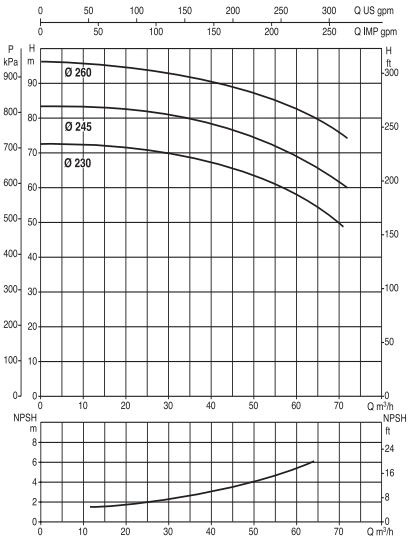
1 NKP-G 32



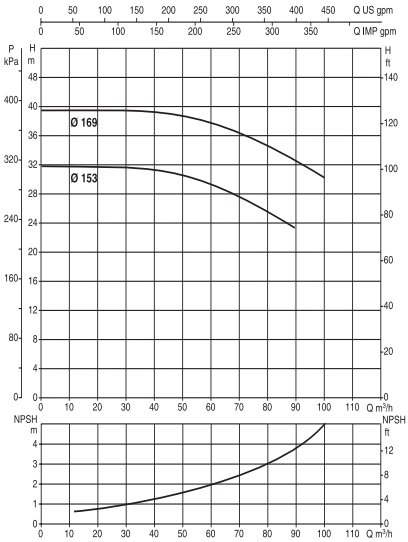
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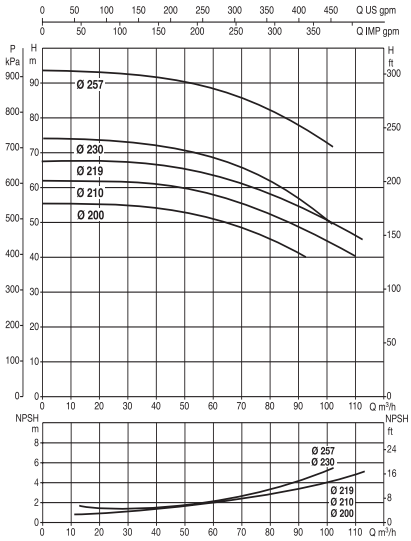
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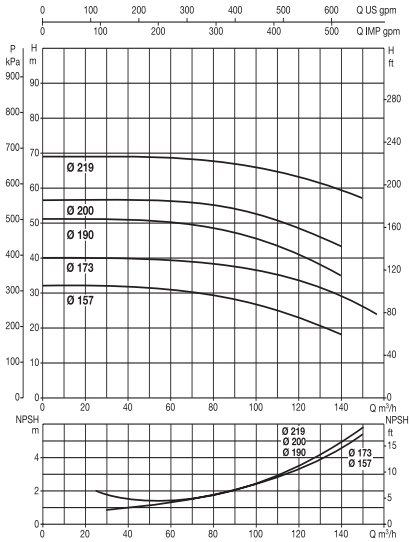
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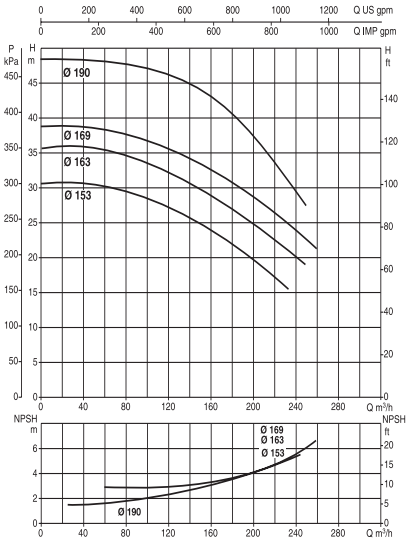
1 NKP-G 50-200/250



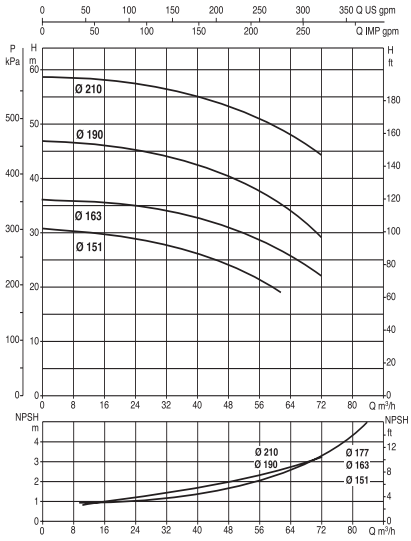
1 NKP-G 65



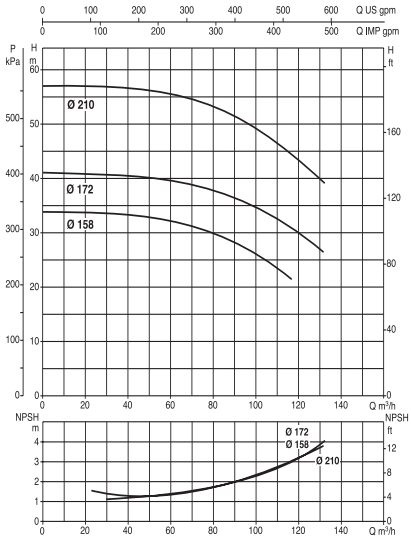
1 NKP-G 80



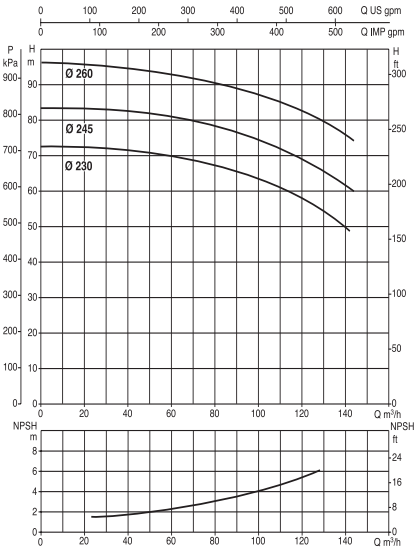
2 NKP-G 32



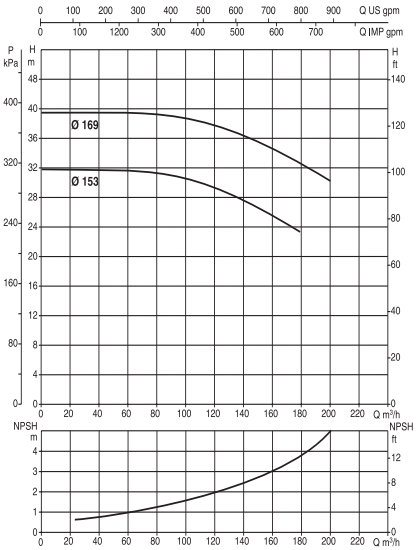
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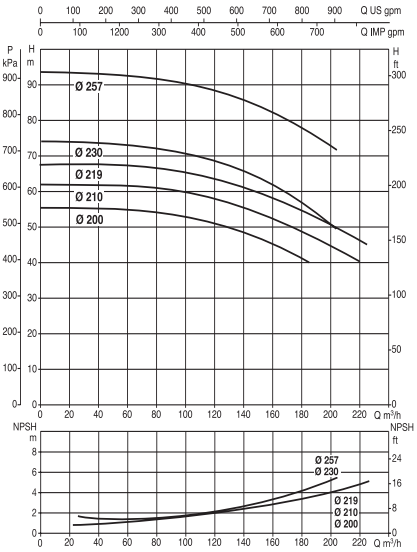
2 NKP-G 40-250



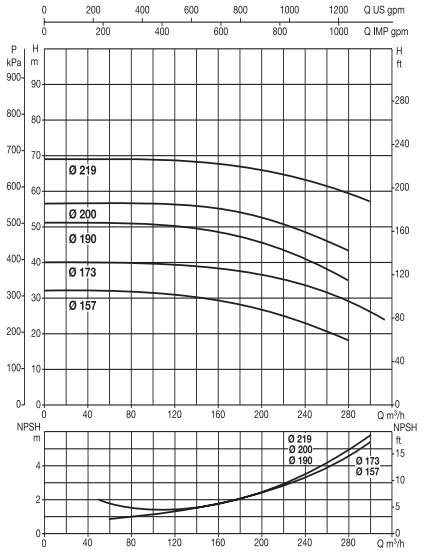
2 NKP-G 50-160



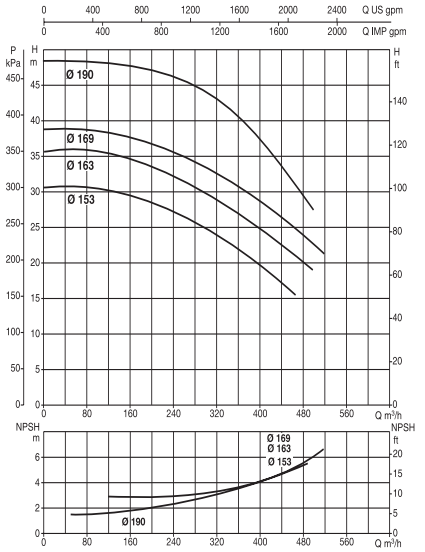
2 NKP-G 50 - 200/250



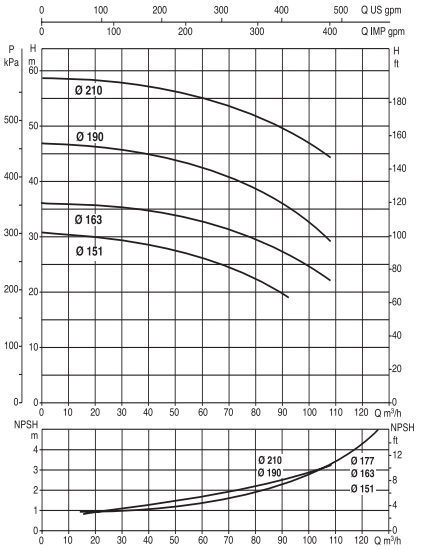
2 NKP-G 65



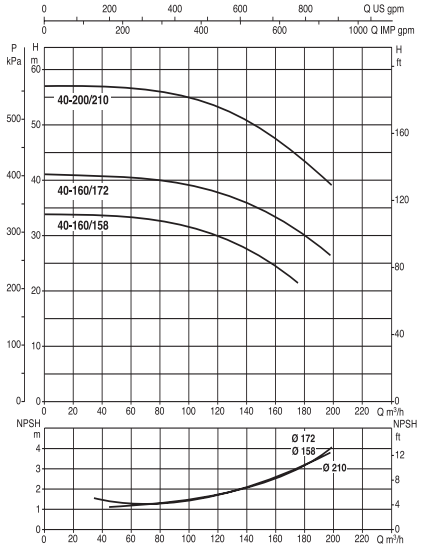
2 NKP-G 80



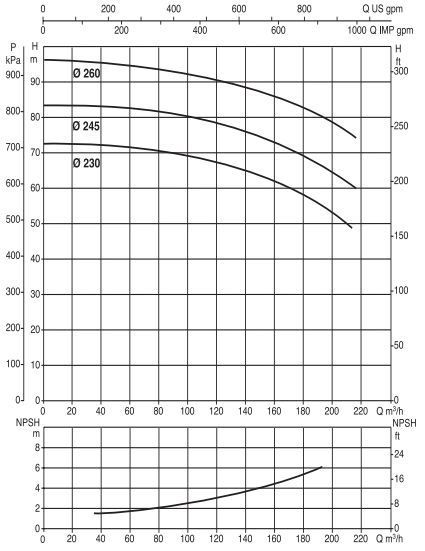
3 NKP-G 32



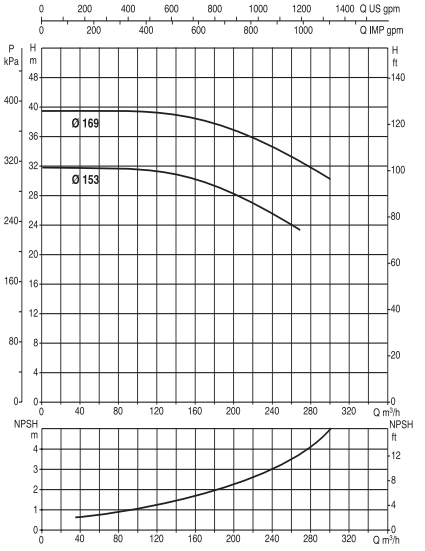
3 NKP-G 40 - 160/200



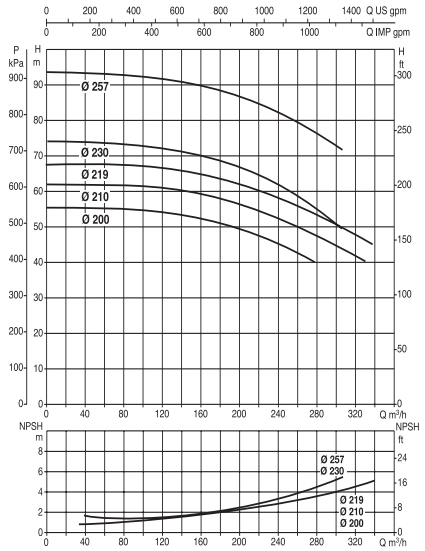
3 NKP-G 40-250



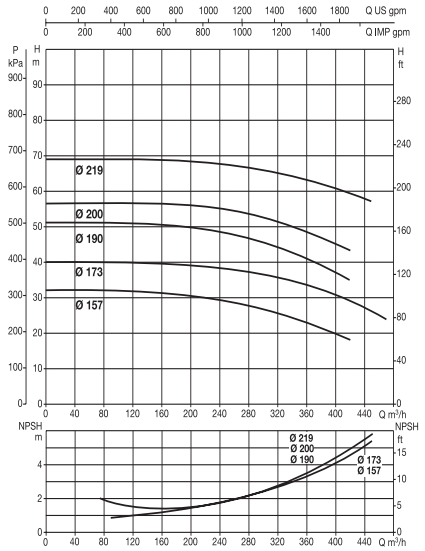
3 NKP-G 50-160



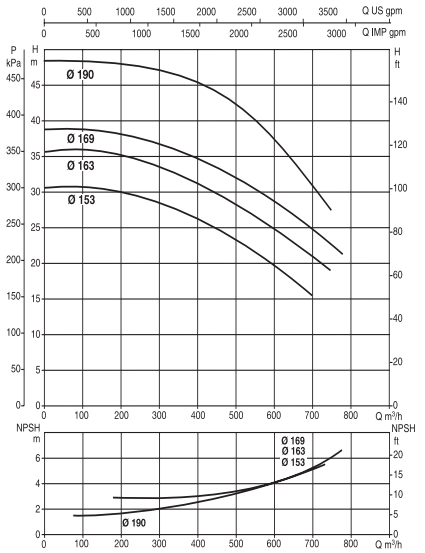
3 NKP-G 50 - 200/250



3 NKP-G 65



3 NKP-G 80



1 KDN

FIRE -FIGHTING BOOSTER SETS UNI EN12845 WITH ELECTRIC PUMP AND DIESEL PUMP





Pressurization units for sprinkler system designed according to European standard EN 12845 The European Standard EN 12845 stated that units must be set up with:
- 1 electrical pump
- 1 diesel pump
- 2 electrical pumps
- 1 electrical pump + 1 diesel pump
- 2 diesel pumps
- 1 electrical pump + 2 diesel pumps
- 3 diesel pumps.

DAB pump sets are manufactured according to a modular design that allows to arrange all groups' version expected by Standard EN 12845.

DAB supply modular booster sets in four version:
- 1 KDN .... EN, composed by 1 electropump
- 1 KDN .... EN-JET, composed by 1 electropump + 1 jockey pump.
- 1 KDN MD EN; composed by 1 Diesel pump
- 1 KDN MD EN-JET, composed by 1 diesel pump + 1 jockey pump

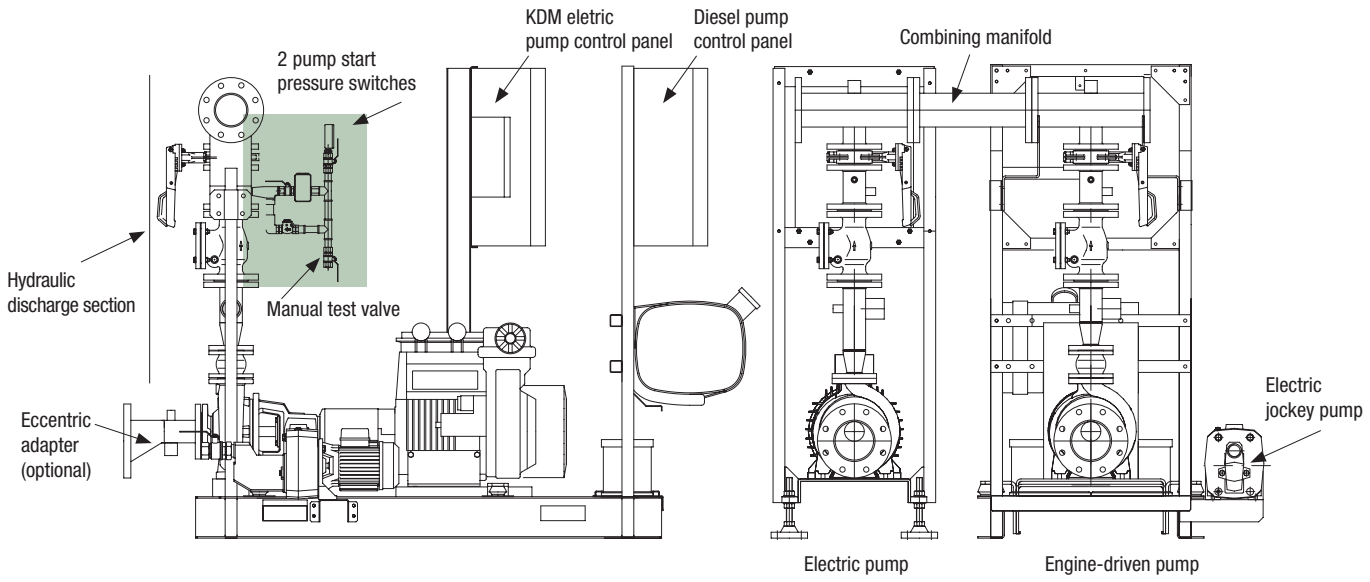
To arrange all versions (booster with 2- 3 pumps) we supply the Joint manifold kits as accessory, the kit must be assembled between the delivery manifolds of the two single units.

Main components:
- Eccentric connection unit fixed on indipendent suction port of the pump.
- Standardised centrifugal pumps KDN series (with spacer coupling) with performance and costruction according to EN 12845 standard.
- Electrical or diesel motor able to supply the maximum power absorbed by the pump
- Detection of diesel engine rotation (speed sensor)
- one control panel for each pump, completed with voltmeters and ammeters, 2 starting batteries, 2 battery charge control units, rev counter, hour counter, Man-0-Aut selector, general switch, warning lights.
- control panel for jockey pump (if present).
- fuel diesel tank with capacity to guarantee 6 hours of operation (only for diesel version).
- check valves
- Jockey pump (if required) JET or KVCX series, for little pressure drop, complete with 1 expansion tank.
- flow meter (optional) to be installed on delivery manifold.
- galvanised steel base
- galvanised steel delivery manifold complete with starting pressure switches, by-pass circuits and pressure gauge.

According to EN 12845, the user shall carry out a program of inspection and check, arrange test, service and maintenance schedule and keep records on a book which shall be kept in the premises.
The installer shall provide the user with a documented inspection and checking procedure, with particular mention to emergency manual starting of pumps.

DAB supplies, together with fire fighting boosters, a list of all inspections and checks required by EN 12845. The Declaration of Conformity to Standard EN 12845 is provided with each group.

EN ELECTRIC PUMP EN ENGINE-DRIVEN PUMP



TECHNICAL DATA - 1 KDN PUMPS

1 KDN

MODEL	CODE
1KDN 32-160/177 5,5 T400/50 EN 12845	500813010
1KDN 32-200.1/207 7,5 T400/50 EN 12845	500813020
1KDN 32-200/180 5,5 T400/50 EN 12845	500813030
1KDN 32-200/200 7,5 T400/50 EN 12845	500813040
1KDN 32-200/219 11 T400/50 EN 12845	500813050
1KDN 32-250/250 11 T400/50 EN 12845	60122035
1KDN 32-250/259 15 T400/50 EN 12845	60122037
1KDN 40-160/161 7,5 T400/50 EN 12845	500813110
1KDN 40-160/177 11 T400/50 EN 12845	500813120
1KDN 40-200/200 11 T400/50 EN 12845	500813130
1KDN 40-200/219 15 T400/50 EN 12845	500813140
1KDN 40-250/230 15 T400/50 EN 12845	500813150
1KDN 40-250/240 18,5 T400/50 EN 12845	500813160
1KDN 40-250/260 22 T400/50 EN 12845	500813170
1KDN 50-160/161 11 T400/50 EN 12845	500813210
1KDN 50-160/177 15 T400/50 EN 12845	500813220
1KDN 50-200/190 15 T400/50 EN 12845	500813230
1KDN 50-200/210 18,5 T400/50 EN 12845	500813240
1KDN 50-200/219 22 T400/50 EN 12845	500813250
1KDN 50-250/230 22 T400/50 EN 12845	500813260
1KDN 50-250/250 30 T400/50 EN 12845	500813270
1KDN 50-250/263 37 T400/50 EN 12845	60122614
1KDN 65-160/153 11 T400/50 EN 12845	500813310
1KDN 65-160/177 15 T400/50 EN 12845	500813320
1KDN 65-200/190 18,5 T400/50 EN 12845	500813330
1KDN 65-200/200 22 T400/50 EN 12845	500813340
1KDN 65-200/219 30 T400/50 EN 12845	500813350
1KDN 65-250/230 30 T400/50 EN 12845	500813360
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1KDN 80-250/270 90 T400/50 EN 12845	500813460
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1KDN 100-200/210 55 T400/50 EN 12845	500814020
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1KDN 100-250/240 75 T400/50 EN 12845	500814040
1KDN 100-250/250 90 T400/50 EN 12845	500814050
1KDN 100-250/260 110 T400/50 EN 12845	500814060

1 KDN + PILOT PUMP

MODEL	CODE
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1KDN 32-200/200 7,5 T400/50 EN12845-JET	500813540
1KDN 32-200/219 11 T400/50 EN12845-JET	500813550
1KDN 32-250/250 11 T400/50 EN 12845 - KVCX	60122036
1KDN 32-250/259 15 T400/50 EN 12845 - KVCX	60122038
1KDN 40-160/161 7,5 T400/50 EN12845-JET	500813610
1KDN 40-160/177 11 T400/50 EN12845-JET	500813620
1KDN 40-200/200 11 T400/50 EN12845-JET	500813630
1KDN 40-200/219 15 T400/50 EN12845-JET	500813640
1KDN 40-250/230 15 T400/50 EN12845-JET	500813650
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1KDN 65-250/230 30 T400/50 EN12845-JET	500813860
1KDN 65-250/250 37 T400/50 EN KVCX 65-80	500813870
1KDN 65-250/263 45 T400/50 EN KVCX 65-80	500813880
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TECHNICAL DATA - 1 DIESEL PUMP KDN

1 KDN

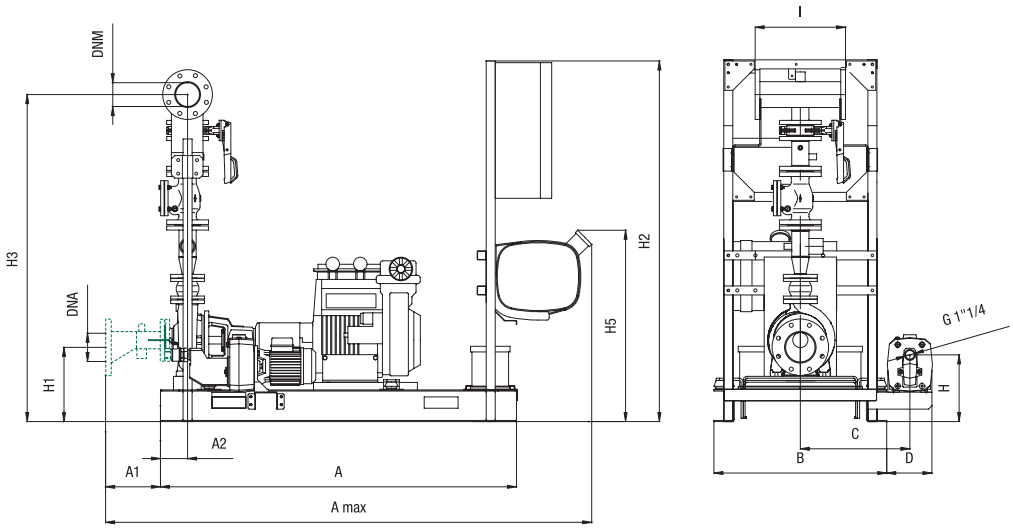
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1KDN 40-200/200 MD EN 12845	503883180
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1KDN 50-160/177 MD EN 12845	503883270
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1 KDN + PILOT PUMP

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1KDN 40-250/240 MD EN 12845-JET	503883710
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DAB PUMPS reserves the right to make modifications without notice

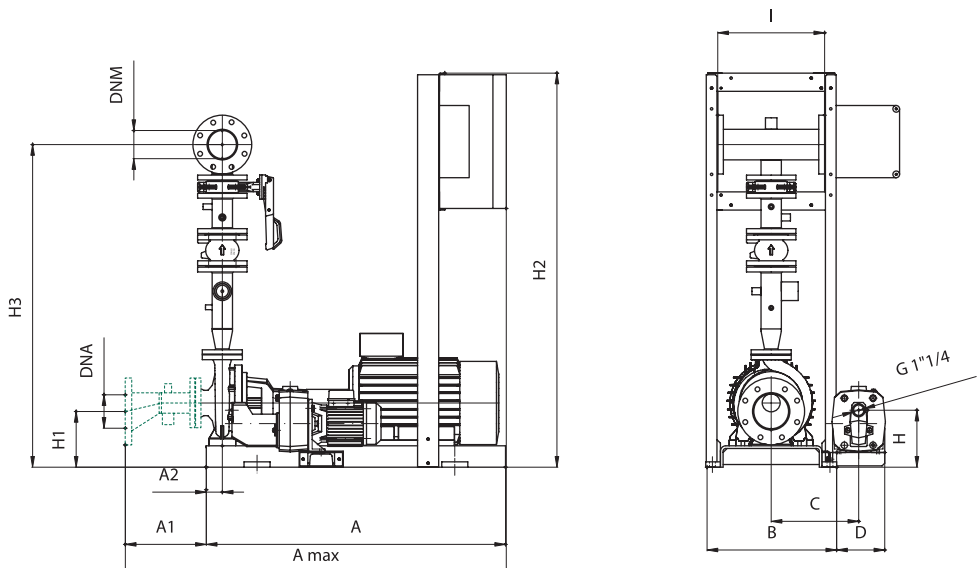
DIMENSIONS AND WEIGHTS - DIESEL PUMP MODULE



* COMPONENTS SHOWN WITH A BROKEN LINE ARE NOT INCLUDED IN THE STANDARD SUPPLY

DESCRIPTION		A	Amax	A1	A2	B	C	D	H	H1	H2	H3	H5	I	DNA	DNM	without jockey pump Kg	with jockey pump Kg
1KDN 32-160/177	**MD EN 12845**	1576	2110	200	120	795	485	200	295	315	1600	1202	846	400	80	2"	520	550
1KDN 32-200/207/180/200/219	**MD EN 12845**	1576	2110	200	120	795	485	200	295	323	1600	1232	846	400	80	2"	520	550
1KDN 40-160/161/177	**MD EN 12845**	1576	2135	225	120	795	485	200	295	315	1600	1262	846	400	100	2"1/2	570	600
1KDN 40-200/200/219	**MD EN 12845**	1576	2155	245	120	795	485	200	295	343	1600	1307	846	400	100	2"1/2	590	620
1KDN 40-250/230-240	**MD EN 12845**	1576	2155	245	120	795	485	200	295	343	1600	1352	846	400	100	2"1/2	600	630
1KDN 40-250/260	**MD EN 12845**	1576	2155	245	120	795	485	200	295	363	1600	1372	846	400	100	2"1/2	650	680
1KDN 50-160/161	**MD EN 12845**	1576	2170	260	120	795	485	200	295	312	1600	1330	846	400	125	80	610	640
1KDN 50-160/177	**MD EN 12845**	1576	2170	260	120	795	485	200	295	332	1600	1350	846	400	125	80	620	650
1KDN 50-200/190	**MD EN 12845**	1576	2170	260	120	795	485	200	295	332	1600	1370	846	400	125	80	630	660
1KDN 50-200/210	**MD EN 12845**	1576	2170	260	120	795	485	200	295	332	1600	1370	846	400	125	80	630	660
1KDN 50-200/219	**MD EN 12845**	1576	2170	260	120	795	485	200	295	332	1600	1370	846	400	125	80	630	660
1KDN 50-250/230-250	**MD EN 12845**	1576	2170	260	120	795	485	200	295	352	1600	1415	846	400	125	80	690	720
1KDN 65-160/153	**MD EN 12845**	1576	2185	275	120	795	485	200	295	303	1600	1420	846	400	150	100	650	680
1KDN 65-160/177	**MD EN 12845**	1576	2185	275	120	795	485	200	295	323	1600	1440	846	400	150	100	660	690
1KDN 65-200/190	**MD EN 12845**	1576	2185	275	120	795	485	200	295	323	1600	1465	846	400	150	100	690	720
1KDN 65-200/200-219	**MD EN 12845**	1576	2185	275	120	795	485	200	295	343	1600	1485	846	400	150	100	700	720

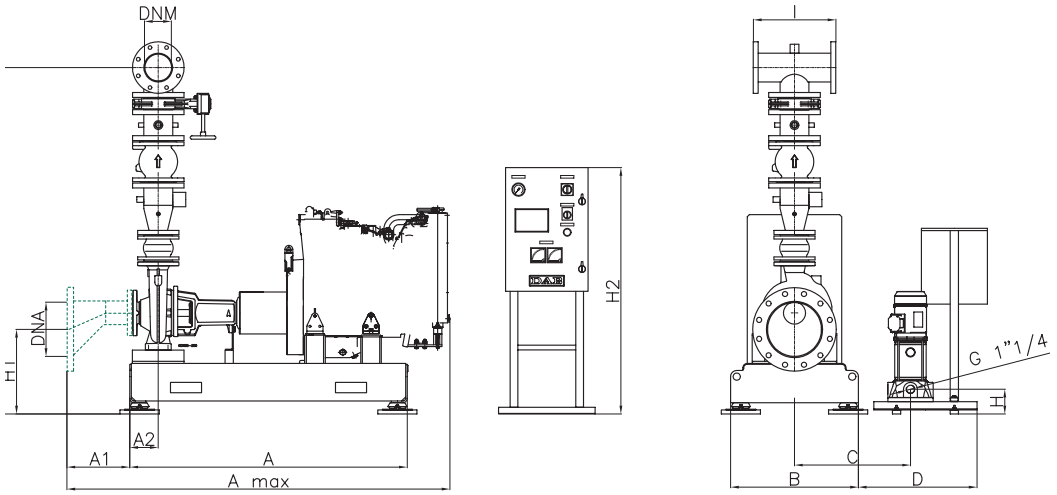
DIMENSIONS AND WEIGHTS - ELECTRIC PUMP MODULE



* COMPONENTS SHOWN WITH A BROKEN LINE ARE NOT INCLUDED IN THE STANDARD SUPPLY

DESCRIPTION		A	Amax	A1	A2	B	C	D	H	H1	H2	H3	I	DNA	DNM	without jockey pump Kg	with jockey pump Kg
1KDN 32-160/177	**EN 12845**	1000	1280	257	60	450	307	180	220	195	1475	1082	400	80	2"	270	300
1KDN 32-200/207/180/200	**EN 12845**	1000	1280	257	60	450	307	180	220	223	1475	1132	400	80	2"	320	350
1KDN 32-200/219	**EN 12845**	1120	1380	257	60	490	327	180	220	223	1475	1132	400	80	2"	350	380
1KDN 40-160/161	**EN 12845**	1000	1306	283	60	450	307	180	220	195	1475	1142	400	100	2"1/2	310	340
1KDN 40-160/177	**EN 12845**	1120	1406	283	60	490	327	180	220	223	1475	1167	400	100	2"1/2	320	350
1KDN 40-200/200/219	**EN 12845**	1120	1426	303	60	490	327	180	220	223	1475	1187	400	100	2"1/2	430	450
1KDN 40-250/230/240/260	**EN 12845**	1250	1538	288	60	540	352	180	220	243	1475	1252	400	100	2"1/2	450	480
1KDN 50-160/161/177	**EN 12845**	1120	1440	316	60	490	327	180	220	212	1475	1230	400	125	80	350	380
1KDN 50-200/190/210	**EN 12845**	1120	1440	316	60	490	327	180	220	212	1475	1250	400	125	80	420	450
1KDN 50-200/210	**EN 12845**	1120	1440	316	60	490	327	180	220	232	1475	1270	400	125	80	480	510
1KDN 50-250/230	**EN 12845**	1250	1550	300	75	540	352	180	220	232	1475	1295	400	125	80	500	530
1KDN 50-250/250	**EN 12845**	1400	1700	300	75	590	377	180	220	272	1475	1335	400	125	80	550	580
1KDN 65-160/153/177	**EN 12845**	1120	1145	330	60	490	327	180	220	203	1475	1325	400	150	100	440	470
1KDN 65-200/190/200	**EN 12845**	1250	1565	315	75	540	352	180	220	223	1475	1365	400	150	100	520	550
1KDN 65-200/219	**EN 12845**	1400	1715	315	75	590	377	180	200	263	1475	1405	400	150	100	620	650

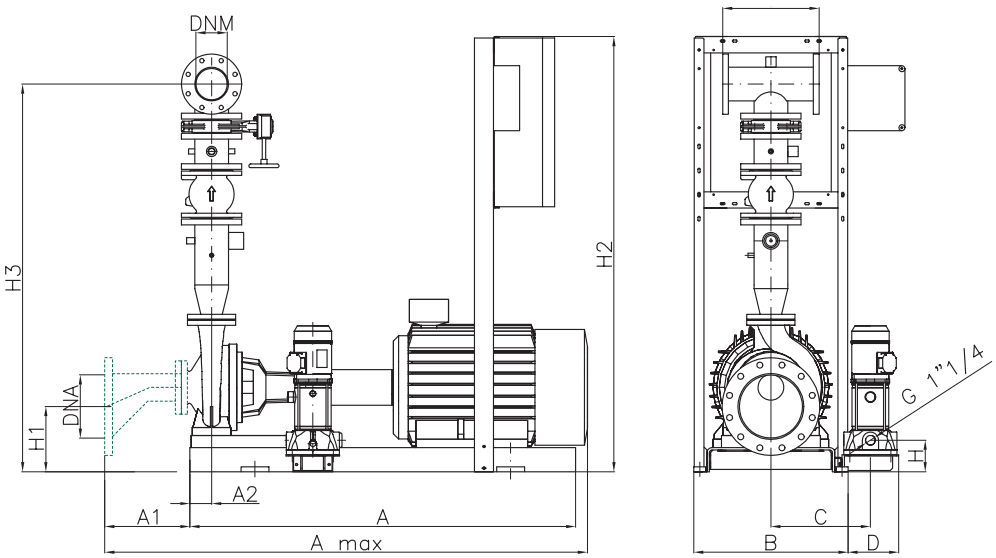
DIMENSIONS AND WEIGHTS - DIESEL PUMP MODULE



* COMPONENTS SHOWN WITH A BROKEN LINE ARE NOT INCLUDED IN THE STANDARD SUPPLY

DESCRIPTION		A	Amax	A1	A2	B	C	D	H	H1	H2	H3	I	DNA	DNM	without jockey pump Kg	with jockey pump Kg
1KDN 80-200/200	**MD EN 12845**	1346	1834	278	139	620	562	575	120	438	1200	1680	400	200	125	930	960
1KDN 80-200/222	**MD EN 12845**	1346	1834	278	139	620	562	575	120	438	1200	1680	400	200	125	940	970
1KDN 80-250/240	**MD EN 12845**	1459	1939	278	139	722	613	575	120	453	1200	1725	400	200	125	1000	1030
1KDN 80-250/260-270	**MD EN 12845**	1662	2202	278	139	722	613	575	120	453	1200	1725	400	200	125	1200	1230
1KDN 100-200/200	**MD EN 12845**	1346	1887	335	139	620	562	575	120	423	1200	1803	600	250	150	1100	1130
1KDN 100-200/210	**MD EN 12845**	1459	1995	335	139	722	613	575	120	438	1200	1818	600	250	150	1160	1190
1KDN 100-200/219	**MD EN 12845**	1682	2258	335	139	722	613	575	120	438	1200	1818	600	250	150	1265	1295
1KDN 100-250/240-250	**MD EN 12845**	1682	2273	349	139	722	613	575	120	438	1200	1818	600	250	150	1280	1310
1KDN 100-250/260	**MD EN 12845**	1750	2218	368	120	800	652	575	120	450	1200	1861	600	250	150	1300	1330

DIMENSIONS AND WEIGHTS - ELECTRIC PUMP MODULE



* COMPONENTS SHOWN WITH A BROKEN LINE ARE NOT INCLUDED IN THE STANDARD SUPPLY

DESCRIPTION		A	Amax	A1	A2	B	C	D	H	H1	H2	H3	I	DNA	DNM	without jockey pump Kg	with jockey pump Kg
1KDN 65-250/230-250	**30-37 EN 12845**	1400	1773	289	90	590	388	215	131	260	1800	1434	400	150	100	680	710
1KDN 65-250/263	**45KW EN 12845**	1400	1828	289	90	590	388	215	131	285	1800	1460	400	150	100	760	790
1KDN 80-160/177	**30 KW EN 12845**	1400	1743	342	75	590	388	215	131	248	1800	1504	400	200	125	720	750
1KDN 80-200/200	**37KW EN 12845**	1400	1811	342	75	590	388	215	131	248	1800	1528	400	200	125	750	780
1KDN 80-200/222	**45KW EN 12845**	1400	1866	342	75	590	388	215	131	273	1800	1553	400	200	125	820	850
1KDN 80-250/240	**55KW EN 12845**	1600	1976	327	90	640	413	210	131	298	1800	1608	400	200	125	920	950
1KDN 80-250/260-270	**75-90 EN 12845**	1800	2127	327	95	710	448	210	131	328	1800	1639	400	200	125	1170	1200
1KDN 100-200/200	**45KW EN 12845**	1400	1922	398	90	590	388	215	131	258	1800	1645	600	250	150	1120	1150
1KDN 100-200/210	**55KW EN 12845**	1600	2032	383	90	640	413	210	131	283	1800	1670	600	250	150	1200	1230
1KDN 100-200/219	**75KW EN 12845**	1800	2183	383	90	710	448	210	131	313	1800	1700	600	250	150	1280	1310
1KDN 100-250/240-250	**75-90 EN 12845**	1800	2198	398	90	710	448	210	131	313	1800	1700	600	250	150	1320	1350
1KDN 100-250/260	**110KW EN 12845**	2000	2447	398	90	860	523	210	131	368	1800	1755	600	250	150	1430	1460

1 /2 NKV

FIRE-FIGHTING PUMP UNITS TO EN 12845 WITH VERTICAL NKV PUMPS

CE



TECHNICAL DATA
Fire-fighting pump units manufactured in compliance with the prescriptions of European standard UNI EN 12845.Fixed fire-fighting installations – Automatic sprinkler systems

NOTES ON UNI EN 12845
UNI EN 12845, the Italian version of European standard EN 12845, establishes design, installation and maintenance criteria for sprinkler systems and it replaces the earlier Italian standards UNI 9489 and UNI 9490.
An automatic sprinkler system is designed to detect the presence of fire and extinguish it in the initial stages, or to keep flames under control until they can be extinguished fully using ancillary means.
The classic sprinkler system is composed of: a water source, a fire-fighting pump unit, a series of control valves, and a sprinklers circuit.

The main pump continues to run until it is stopped manually by pressing the STOP pushbutton on the control panel.
In the case of hydrant circuits refer to the prescriptions of UNI 10779- July 07. UNI 10779,as well as stating that fire-fighting pumps must be in compliance with the requirements of UNI EN 12845, also permits, in the case of work not constantly supervised, automatic stopping of the pumps 20 minutes after closure of the hydrants.
DAB pump sets are suitable for sprinkler installations with manual stopping and for hydrant installations with automatic stopping.

OPERATION OF EN 12845 FIRE-FIGHTING PUMP SET
In normal conditions (zero water demand) the system is maintained under static pressure.
The first demand for water results in start-up of the jockey pump, which restores system pressure. If a significant flow rate of water is demanded (opening of sprinklers), the pressure will drop until the two pressure switches connected in series trip to start up the main pump.
The two start-up pressure switches must be calibrated in such a way as to start the pumps at the following pressure values.

ONE PUMP SETS	P = 0,8 X MAX. PUMP PRESSURE	
SETS WITH TWO PUMPS	PUMP 1: P1 = 0,8 X MAX PRESSURE	PUMP 2: P2 = 0,6 X MAX PRESSURE

Es: Max. pressure 10 bar - pump 1 starts at 8 bar, pump 2 starts at 6 bar

TECHNICAL DATA - 1/2 NKV PUMPS

MODEL	CODE
1NKV 10/3 T400/50 EN12845	60118437
1NKV 10/4 T400/50 EN12845	60118438
1NKV 10/5 T400/50 EN12845	60118439
1NKV 10/6 T400/50 EN12845	60118440
1NKV 10/7 T400/50 EN12845	60118441
1NKV 10/8 T400/50 EN12845	60118442
1NKV 10/9 T400/50 EN12845	60118443
1NKV 10/10 T400/50 EN12845	60118444
1NKV 10/12 T400/50 EN12845	60118445
1NKV 10/14 T400/50 EN12845	60118446
1NKV 15/3 T400/50 EN12845	60118447
1NKV 15/4 T400/50 EN12845	60118448
1NKV 15/5 T400/50 EN12845	60118451
1NKV 15/6 T400/50 EN12845	60118452
1NKV 15/7 T400/50 EN12845	60118456
1NKV 15/8 T400/50 EN12845	60118457
1NKV 15/9 T400/50 EN12845	60118458
1NKV 15/10 T400/50 EN12845	60118462
1NKV 20/3 T400/50 EN12845	60118464
1NKV 20/4 T400/50 EN12845	60118465
1NKV 20/5 T400/50 EN12845	60118466
1NKV 20/6 T400/50 EN12845	60118467
1NKV 20/7 T400/50 EN12845	60118468
1NKV 20/8 T400/50 EN12845	60118469
1NKV 20/9 T400/50 EN12845	60118470
1NKV 20/10 T400/50 EN12845	60118471

MODEL	CODE
2NKV 10/3 T400/50 EN12845	60118498
2NKV 10/4 T400/50 EN12845	60118499
2NKV 10/5 T400/50 EN12845	60118500
2NKV 10/6 T400/50 EN12845	60118501
2NKV 10/7 T400/50 EN12845	60118502
2NKV 10/8 T400/50 EN12845	60118503
2NKV 10/9 T400/50 EN12845	60118504
2NKV 10/10 T400/50 EN12845	60118505
2NKV 10/12 T400/50 EN12845	60118506
2NKV 10/14 T400/50 EN12845	60118507
2NKV 15/3 T400/50 EN12845	60118533
2NKV 15/4 T400/50 EN12845	60118534
2NKV 15/5 T400/50 EN12845	60118535
2NKV 15/6 T400/50 EN12845	60118536
2NKV 15/7 T400/50 EN12845	60118537
2NKV 15/8 T400/50 EN12845	60118538
2NKV 15/9 T400/50 EN12845	60118539
2NKV 15/10 T400/50 EN12845	60118540
2NKV 20/3 T400/50 EN12845	60118541
2NKV 20/4 T400/50 EN12845	60118542
2NKV 20/5 T400/50 EN12845	60118543
2NKV 20/6 T400/50 EN12845	60118544
2NKV 20/7 T400/50 EN12845	60118545
2NKV 20/8 T400/50 EN12845	60118546
2NKV 20/9 T400/50 EN12845	60118547
2NKV 20/10 T400/50 EN12845	60118548

TECHNICAL DATA - 1/2 NKV PUMPS + PILOT PUMP

MODEL	CODE
1NKV 10/3 T400/50 EN12845 - JET	60118472
1NKV 10/4 T400/50 EN12845 - JET	60118473
1NKV 10/5 T400/50 EN12845 - JET	60118474
1NKV 10/6 T400/50 EN12845 - JET	60118475
1NKV 10/7 T400/50 EN12845 - KV 3/10	60118476
1NKV 10/8 T400/50 EN12845 - KV 3/12	60118477
1NKV 10/9 T400/50 EN12845 - KV 3/12	60118478
1NKV 10/10 T400/50 EN12845 - KV 3/18	60118479
1NKV 10/12 T400/50 EN12845 - KV 3/18	60118480
1NKV 10/14 T400/50 EN12845 - KV 3/18	60118481
1NKV 15/3 T400/50 EN12845 - JET	60118482
1NKV 15/4 T400/50 EN12845 – JET	60118483
1NKV 15/5 T400/50 EN12845 – JET	60118484
1NKV 15/6 T400/50 EN12845 - KV 3/12	60118485
1NKV 15/7 T400/50 EN12845 - KV 3/12	60118486
1NKV 15/8 T400/50 EN12845 - KV 3/18	60118487
1NKV 15/9 T400/50 EN12845 - KV 3/18	60118488
1NKV 15/10 T400/50 EN12845 - KV 3/18	60118489
1NKV 20/3 T400/50 EN12845 – JET	60118490
1NKV 20/4 T400/50 EN12845 – JET	60118491
1NKV 20/5 T400/50 EN12845 - JET	60118492
1NKV 20/6 T400/50 EN12845 - KV 3/12	60118493
1NKV 20/7 T400/50 EN12845 - KV 3/18	60118494
1NKV 20/8 T400/50 EN12845 - KV 3/18	60118495
1NKV 20/9 T400/50 EN12845 - KV 3/18	60118496
1NKV 20/10 T400/50 EN12845 - KV 3/18	60118497

MODEL	CODE
2NKV 10/3 T400/50 EN12845 - JET	60118549
2NKV 10/4 T400/50 EN12845 - JET	60118550
2NKV 10/5 T400/50 EN12845 - JET	60118551
2NKV 10/6 T400/50 EN12845 - JET	60118552
2NKV 10/7 T400/50 EN12845 - KV 3/10	60118553
2NKV 10/8 T400/50 EN12845 - KV 3/12	60118554
2NKV 10/9 T400/50 EN12845 - KV 3/12	60118555
2NKV 10/10 T400/50 EN12845 - KV 3/18	60118556
2NKV 10/12 T400/50 EN12845 - KV 3/18	60118557
2NKV 10/14 T400/50 EN12845 - KV 3/18	60118558
2NKV 15/3 T400/50 EN12845 - JET	60118559
2NKV 15/4 T400/50 EN12845 - JET	60118560
2NKV 15/5 T400/50 EN12845 - JET	60118561
2NKV 15/6 T400/50 EN12845 - KV 3/12	60118562
2NKV 15/7 T400/50 EN12845 - KV 3/12	60118563
2NKV 15/8 T400/50 EN12845 - KV 3/18	60118564
2NKV 15/9 T400/50 EN12845 - KV 3/18	60118565
2NKV 15/10 T400/50 EN12845 - KV 3/18	60118566
2NKV 20/3 T400/50 EN12845 - JET	60118567
2NKV 20/4 T400/50 EN12845 - JET	60118568
2NKV 20/5 T400/50 EN12845 - JET	60118569
2NKV 20/6 T400/50 EN12845 - KV 3/12	60118570
2NKV 20/7 T400/50 EN12845 - KV 3/18	60118571
2NKV 20/8 T400/50 EN12845 - KV 3/18	60118572
2NKV 20/9 T400/50 EN12845 - KV 3/18	60118573
2NKV 20/10 T400/50 EN12845 - KV 3/18	60118574

S4 - S6 - SM8

FIRE FIGHTING UNITS UNI STANDARDS EN 12845 WITH 4”-6”-8” SUBMERSIBLE ELECTRIC PUMPS



CE

TECHNICAL DATA

Fire-fighting pump groups made according to the specifications of the European standard UNI EN 12845. Fixed fire-fighting installations-automatic sprinkler systems.

OVERVIEW OF THE UNI-EN 12845

The UNI-EN 12845, the Italian version of the European standard UNI-EN 12845, establishes the criteria for the design, installation and maintenance of sprinkler systems. An automatic sprinkler system is designed to detect the presence of fire and extinguish it in the initial stage or to keep the flames under control until the extinction can be completed by other means. The classic sprinkler system includes:
a water supply, a group of fire pumps, control valves and a network of pipelines with sprinkler.
The main pump continues to run until it is stopped manually using the STOP button on the control panel. In the case of fire hydrant networks, you should refer to the UNI 10779 - July 07. UNI 10779, in addition to requiring the power pumps according to EN 12845, admits, in the case of activity not constantly manned, the automatic shutdown of the pumps after 20 minutes of closing the hydrants. DAB groups are suited for both sprinkler networks with manual shutdown and for hydrant networks with automatic stop.

OPERATION OF FIRE FIGHTING PUMP GROUPS AS PER UNI EN 12845

Under normal conditions (zero water demand), the system is under static pressure. On the first request of water the compensating pump is started that restores the system pressure. If the demand for water is significant (fire sprinkler opening) the system pressure drops until the two pressure switches connected in series activate the main pump. The two pressure starter switches must be calibrated so that you can start the pumps at the following pressure values:

ONE PUMP SETS	P = 0,8 X MAX. PUMP PRESSURE	
SETS WITH TWO PUMPS	PUMP 1: P1 = 0,8 X MAX PRESSURE	PUMP 2: P2 = 0,6 X MAX PRESSURE

Es: Max. pressure 10 bar - pump 1 starts at 8 bar, pump 2 starts at 6 bar

TECHNICAL DATA - 4” SUBMERSIBLE ELECTRIC PUMPS

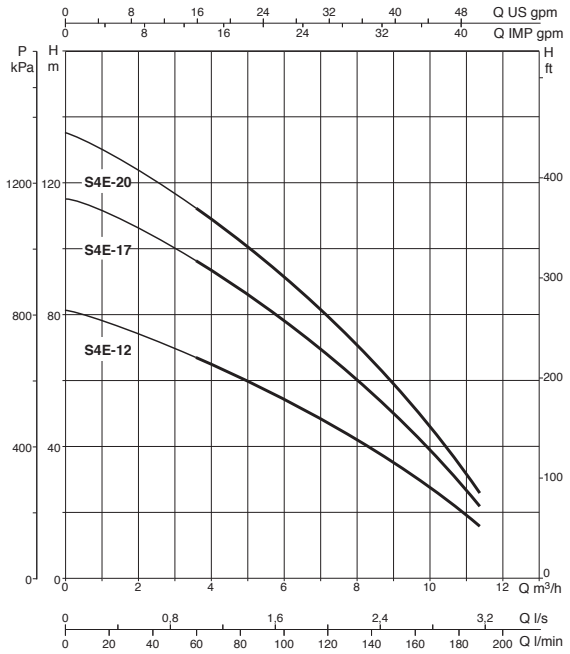
MODEL	CODE	VOLTAGE 50 Hz	P2 NOMINAL		In (A)	CONTROL PANEL	MAX FLOW RATE m³/h	MAX PRESSURE OBTAINABLE (BAR)	STANDARD PRESSURE (BAR)
			kW	Hp					
1 S4E 12 T 400/50 EN 12845	60124068	3 x 400 50Hz	1.5	2	4.4	EGE 3T 400/50-60	11	8	6.5
1 S4E 17 T 400/50 EN 12845	60124069	3 x 400 50Hz	2.2	3	5.9	EGE 3T 400/50-60	11	11.4	9
1 S4E 20 T 400/50 EN 12845	60124070	3 x 400 50Hz	2.2	3	5.9	EGE 3T 400/50-60	11	13.5	11
1 S4F 7 T 400/50 EN 12845	60124072	3 x 400 50Hz	2.2	3	5.9	EGE 3T 400/50-60	27	4	3
1 S4F 10 T 400/50 EN 12845	60124073	3 x 400 50Hz	3	4	8.3	EGE 3T 400/50-60	27	5.8	4.5
1 S4F 13 T 400/50 EN 12845	60124074	3 x 400 50Hz	4	5.5	10	EGE 5.5T 400/50-60	27	7.6	6
1 S4F 18 T 400/50 EN 12845	60124075	3 x 400 50Hz	5.5	7.5	14	EGE 5.5T 400/50-60	27	10.4	8

TECHNICAL DATA - 4” SUBMERSIBLE ELECTRIC PUMPS + PILOT PUMP

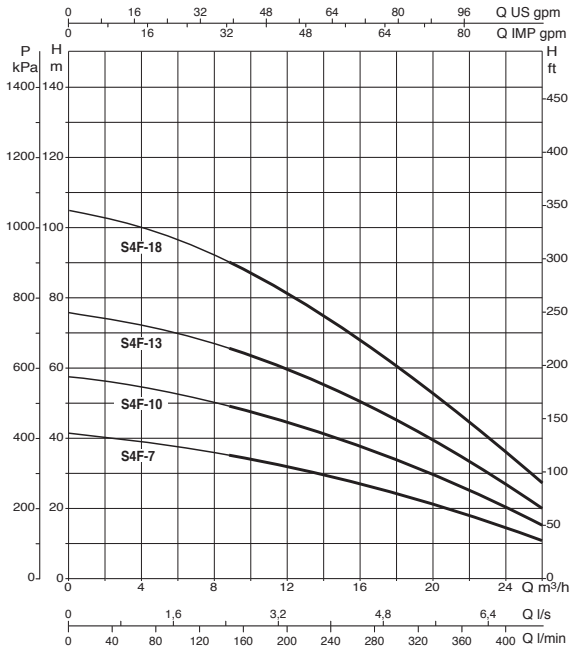
MODEL	CODE	VOLTAGE 50 Hz	P2 NOMINAL		In (A)	CONTROL PANEL	MAX FLOW RATE m³/h	MAX PRESSURE OBTAINABLE (BAR)	STANDARD PRESSURE (BAR)
			kW	Hp					
1 S4E 12 T 400/50 EN 12845 - S4C 19T	60124076	3 x 400 50Hz	1.5	2	4.4	EGE 3T 400/50-60	11	8	6.5
		3 x 400 50-60Hz *	**1.1 ***	**1.5 ***	**3.4 ***	**ED 1.5T (108320340) ***	**4.2 ***	**10.4 ***	**8 ***
1 S4E 17 T 400/50 EN 12845 - S4C 25T	60124077	3 x 400 50Hz	2.2	3	5.9	EGE 3T 400/50-60	11	11.4	9
		3 x 400 50-60Hz *	**1.5 ***	**2 ***	**4.4 ***	**ED 2.5T (108320350) ***	**4.2 ***	**13.7 ***	**11 ***
1 S4E 20 T 400/50 EN 12845 - S4C 25T	60124078	3 x 400 50Hz	2.2	3	5.9	EGE 3T 400/50-60	11	13.5	11
		3 x 400 50-60Hz *	**1.5 ***	**2 ***	**4.4 ***	**ED 2.5T (108320350) ***	**4.2 ***	**13.7 ***	**11 ***
1 S4F 7 T 400/50 EN 12845 - S4C 13T	60124079	3 x 400 50Hz	2.2	3	5.9	EGE 3T 400/50-60	27	4	3
		3 x 400 50-60Hz *	**0.75 ***	**1 ***	**2.4 ***	**ED 2.5T (108320350) ***	**4.2 ***	**7.1 ***	**6 ***
1 S4F 10 T 400/50 EN 12845 - S4C 13T	60124080	3 x 400 50Hz	3	4	8.3	EGE 3T 400/50-60	27	5.8	4.5
		3 x 400 50-60Hz *	**0.75 ***	**1 ***	**2.4 ***	**ED 2.5T (108320350) ***	**4.2 ***	**7.1 ***	**6 ***
1 S4F 13 T 400/50 EN 12845 - S4C 19T	60124081	3 x 400 50Hz	4	5.5	10	EGE 5.5T 400/50-60	27	7.6	6
		3 x 400 50-60Hz *	**1.1 ***	**1.5 ***	**3.4 ***	**ED 1.5T (108320340) ***	**4.2 ***	**10.4 ***	**8 ***
1 S4F 18 T 400/50 EN 12845 - S4C 25T	60124082	3 x 400 50Hz	5.5	7.5	14	EGE 5.5T 400/50-60	27	10.4	8
		3 x 400 50-60Hz *	**1.5 ***	**2 ***	**4.4 ***	**ED 2.5T (108320350) ***	**4.2 ***	**13.7 ***	**11 ***

*** PILOT PUMP**

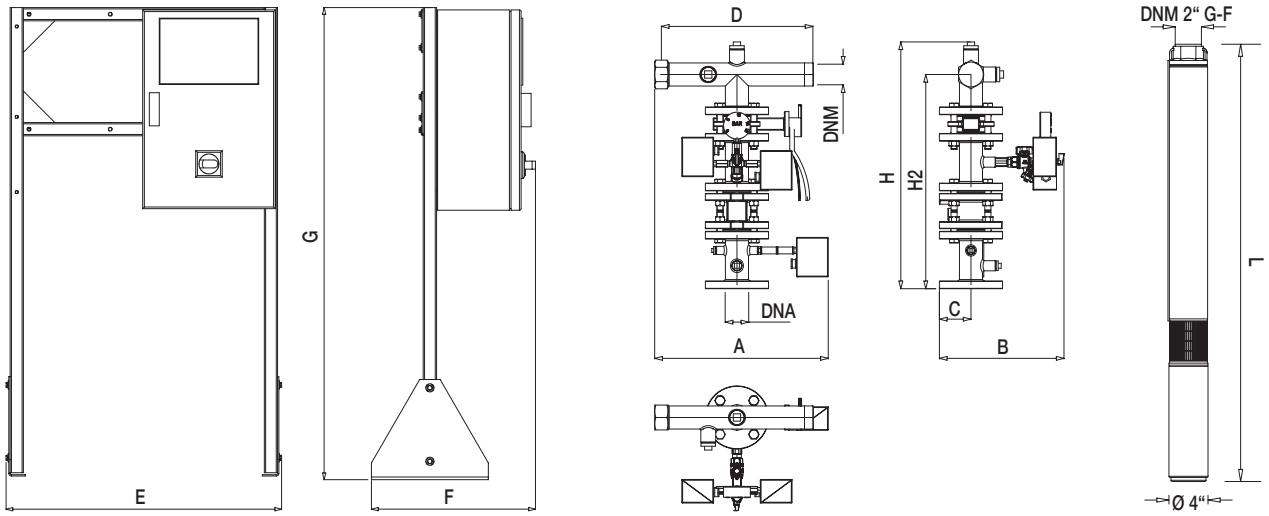
S4E



S4F



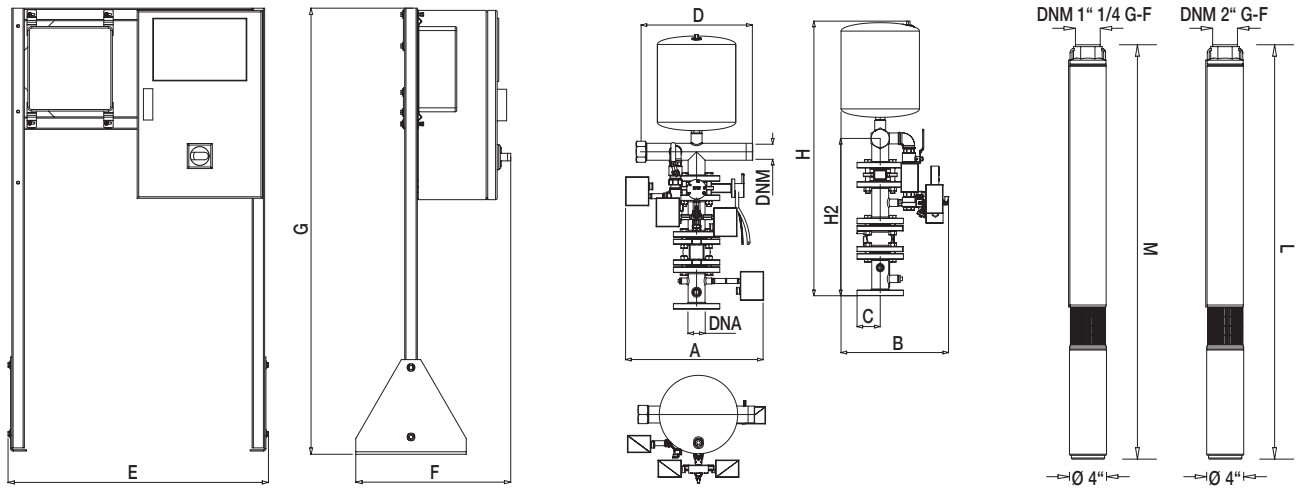
DIMENSIONS AND WEIGHTS - 4” SUBMERSIBLE ELECTRIC PUMPS



MODEL	A	B	C	D	E	F	G	H	H2	L	M	DNA	DNM	PACKAGING DIMENSIONS (bxpxh)	WEIGHT (Kg)
1 S4E 12 T 400/50 EN 12845	455	325	83	395	830	490	1415	645	560	1163	-	50	50	1000x1400x2200	137
1 S4E 17 T 400/50 EN 12845	455	325	83	395	830	490	1415	645	560	1502	-	50	50	1000x1400x2200	142
1 S4E 20 T 400/50 EN 12845	455	325	83	395	830	490	1415	645	560	1894	-	50	50	1000x1400x2200	145
1 S4F 7 T 400/50 EN 12845	455	325	83	395	830	490	1415	645	560	1079	-	50	50	1000x1400x2200	125
1 S4F 10 T 400/50 EN 12845	455	325	83	395	830	490	1415	645	560	1491	-	50	50	1000x1400x2200	129
1 S4F 13 T 400/50 EN 12845	455	325	83	395	830	490	1415	645	560	1715	-	50	50	1000x1400x2200	153
1 S4F 18 T 400/50 EN 12845	455	325	83	395	830	490	1415	645	560	2156	-	50	50	1000x1400x2200	175

DAB PUMPS reserves the right to make modifications without notice

DIMENSIONS AND WEIGHTS - 4” SUBMERSIBLE ELECTRIC PUMPS + PILOT PUMP



MODEL	A	B	C	D	E	F	G	H	H2	L	M	DNA	DNM	PACKAGING DIMENSIONS (bxpxh)	WEIGHT (Kg)
1 S4E 12 T 400/50 EN 12845 - S4C 19T	490	385	83	395	830	490	1415	980	560	1163	1086	50	50	1000x1400x2200	172
1 S4E 17 T 400/50 EN 12845 - S4C 25T	490	385	83	395	830	490	1415	980	560	1502	1343	50	50	1000x1400x2200	180
1 S4E 20 T 400/50 EN 12845 - S4C 25T	490	385	83	395	830	490	1415	980	560	1894	1343	50	50	1000x1400x2200	185
1 S4F 7 T 400/50 EN 12845 - S4C 13T	490	385	83	395	830	490	1415	980	560	1079	871	50	50	1000x1400x2200	185
1 S4F 10 T 400/50 EN 12845 - S4C 13T	490	385	83	395	830	490	1415	980	560	1491	871	50	50	1000x1400x2200	190
1 S4F 13 T 400/50 EN 12845 - S4C 19T	490	385	83	395	830	490	1415	980	560	1715	1086	50	50	1000x1400x2200	182
1 S4F 18 T 400/50 EN 12845 - S4C 25T	490	385	83	395	830	490	1415	980	560	2156	1343	50	50	1000x1400x2200	213

TECHNICAL DATA - 6" SUBMERSIBLE ELECTRIC PUMPS

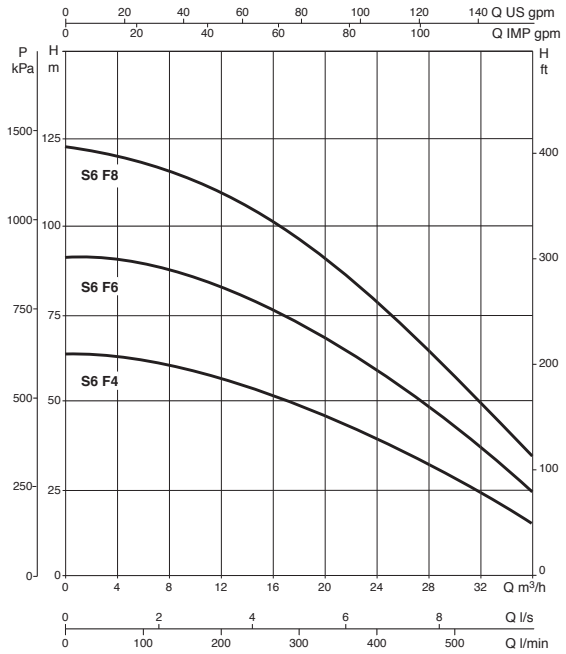
MODEL	CODE	VOLTAGE 50 Hz	P2 NOMINAL		In (A)	CONTROL PANEL	MAX FLOW RATE m³/h	MAX PRESSURE OBTAINABLE (BAR)	STANDARD PRESSURE (BAR)
			kW	Hp					
1 S6F 4 T 400/50 EN 12845	60124083	3 x 400 50Hz	4	5.5	10.6	EGE 5.5T 400/50-60	36	6.1	4.5
1 S6F 6 T 400/50 EN 12845	60124085	3 x 400 50Hz	5.5	7.5	14	EGE 5.5T 400/50-60	36	9.1	7
1 S6F 8 T 400/50 EN 12845	60124087	3 x 400 50Hz	7.5	10	18	EGE 7.5T 400/50-60	36	12.2	9.5
1 S6H 3 T 400/50 EN 12845	60124089	3 x 400 50Hz	4	5.5	10.6	EGE 5.5T 400/50-60	48	4.8	3.5
1 S6H 4 T 400/50 EN 12845	60124090	3 x 400 50Hz	5.5	7.5	14	EGE 5.5T 400/50-60	48	6.3	5
1 S6H 5 T 400/50 EN 12845	60124091	3 x 400 50Hz	7.5	10	18	EGE 7.5T 400/50-60	48	7.8	6
1 S6H 6 T 400/50 EN 12845	60124092	3 x 400 50Hz	9.2	12.5	22	EGE 11T SD 400/50-60	48	9.4	7.5
1 S6H 8 T 400/50 EN 12845	60124093	3 x 400 50Hz	11	15	25.5	EGE 11T SD 400/50-60	48	12.6	10
1 S6L 3 T 400/50 EN 12845	60124095	3 x 400 50Hz	5.5	7.5	14	EGE 5.5T 400/50-60	66	4	3
1 S6L 4 T 400/50 EN 12845	60124096	3 x 400 50Hz	7.5	10	18	EGE 7.5T 400/50-60	66	5.2	4
1 S6L 5 T 400/50 EN 12845	60124097	3 x 400 50Hz	9.2	12.5	22	EGE 11T SD 400/50-60	66	6.5	5
1 S6L 6 T 400/50 EN 12845	60124098	3 x 400 50Hz	11	15	25.5	EGE 11T SD 400/50-60	66	7.8	6
1 S6L 8 T 400/50 EN 12845	60124099	3 x 400 50Hz	15	20	33.4	EGE 15T SD 400/50-60	66	10.4	8
1 S6L 9 T 400/50 EN 12845	60124100	3 x 400 50Hz	15	20	33.4	EGE 15T SD 400/50-60	66	11.8	9.5

TECHNICAL DATA - 6" SUBMERSIBLE ELECTRIC PUMPS + PILOT PUMP

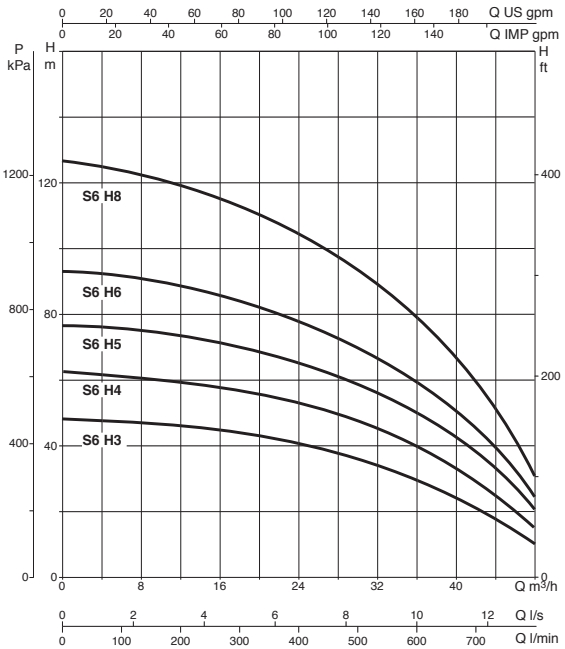
MODEL	CODE	VOLTAGE 50 Hz	P2 NOMINAL		In (A)	CONTROL PANEL	MAX FLOW RATE m³/h	MAX PRESSURE OBTAINABLE (BAR)	STANDARD PRESSURE (BAR)
			kW	Hp					
1 S6F 4 T 400/50 EN 12845 - S4C 13T	60124101	3 x 400 50Hz	4	5.5	10.6	EGE 5.5T 400/50-60	36	6.1	4.5
		3 x 400 50-60Hz *	**0.75 ***	**1 ***	**2.4 ***	**ED 2.5T (108320350) ***	**4.2 ***	**7.1 ***	**6 ***
1 S6F 6 T 400/50 EN 12845 - S4C 19T	60124102	3 x 400 50Hz	5.5	7.5	14	EGE 5.5T 400/50-60	36	9.1	7
		3 x 400 50-60Hz *	**1.1 ***	**1.5 ***	**3.4 ***	**ED 1.5T (108320340) ***	**4.2 ***	**10.4 ***	**8 ***
1 S6F 8 T 400/50 EN 12845 - S4C 25T	60124103	3 x 400 50Hz	7.5	10	18	EGE 7.5T 400/50-60	36	12.2	9.5
		3 x 400 50-60Hz *	**1.5 ***	**2 ***	**4.4 ***	**ED 2.5T (108320350) ***	**4.2 ***	**13.7 ***	**11 ***
1 S6H 3 T 400/50 EN 12845 - S4C 13T	60124104	3 x 400 50Hz	4	5.5	10.6	EGE 5.5T 400/50-60	48	4.8	3.5
		3 x 400 50-60Hz *	**0.75 ***	**1 ***	**2.4 ***	**ED 2.5T (108320350) ***	**4.2 ***	**7.1 ***	**6 ***
1 S6H 4 T 400/50 EN 12845 - S4C 13T	60124105	3 x 400 50Hz	5.5	7.5	14	EGE 5.5T 400/50-60	48	6.3	5
		3 x 400 50-60Hz *	**0.75 ***	**1 ***	**2.4 ***	**ED 2.5T (108320350) ***	**4.2 ***	**7.1 ***	**6 ***
1 S6H 5 T 400/50 EN 12845 - S4C 19T	60124106	3 x 400 50Hz	7.5	10	18	EGE 7.5T 400/50-60	48	7.8	6
		3 x 400 50-60Hz *	**1.1 ***	**1.5 ***	**3.4 ***	**ED 1.5T (108320340) ***	**4.2 ***	**10.4 ***	**8 ***
1 S6H 6 T 400/50 EN 12845 - S4C 19T	60124107	3 x 400 50Hz	9.2	12.5	22	EGE 11T SD 400/50-60	48	9.4	7.5
		3 x 400 50-60Hz *	**1.1 ***	**1.5 ***	**3.4 ***	**ED 1.5T (108320340) ***	**4.2 ***	**10.4 ***	**8 ***
1 S6H 8 T 400/50 EN 12845 - S4C 25T	60124108	3 x 400 50Hz	11	15	25.5	EGE 11T SD 400/50-60	48	12.6	10
		3 x 400 50-60Hz *	**1.5 ***	**2 ***	**4.4 ***	**ED 2.5T (108320350) ***	**4.2 ***	**13.7 ***	**11 ***
1 S6L 3 T 400/50 EN 12845 - S4C 13T	60124109	3 x 400 50Hz	5.5	7.5	14	EGE 5.5T 400/50-60	66	4	3
		3 x 400 50-60Hz *	**0.75 ***	**1 ***	**2.4 ***	**ED 2.5T (108320350) ***	**4.2 ***	**7.1 ***	**6 ***
1 S6L 4 T 400/50 EN 12845 - S4C 13T	60124110	3 x 400 50Hz	7.5	10	18	EGE 7.5T 400/50-60	66	5.2	4
		3 x 400 50-60Hz *	**0.75 ***	**1 ***	**2.4 ***	**ED 2.5T (108320350) ***	**4.2 ***	**7.1 ***	**6 ***
1 S6L 5 T 400/50 EN 12845 - S4C 13T	60124111	3 x 400 50Hz	9.2	12.5	22	EGE 11T SD 400/50-60	66	6.5	5
		3 x 400 50-60Hz *	**0.75 ***	**1 ***	**2.4 ***	**ED 2.5T (108320350) ***	**4.2 ***	**7.1 ***	**6 ***
1 S6L 6 T 400/50 EN 12845 - S4C 19T	60124112	3 x 400 50Hz	11	15	25.5	EGE 11T SD 400/50-60	66	7.8	6
		3 x 400 50-60Hz *	**1.1 ***	**1.5 ***	**3.4 ***	**ED 1.5T (108320340) ***	**4.2 ***	**10.4 ***	**8 ***
1 S6L 8 T 400/50 EN 12845 - S4C 25T	60124113	3 x 400 50Hz	15	20	33.4	EGE 15T SD 400/50-60	66	10.4	8
		3 x 400 50-60Hz *	**1.5 ***	**2 ***	**4.4 ***	**ED 2.5T (108320350) ***	**4.2 ***	**13.7 ***	**11 ***
1 S6L 9 T 400/50 EN 12845 - S4C 25T	60124114	3 x 400 50Hz	15	20	33.4	EGE 15T SD 400/50-60	66	11.8	9.5
		3 x 400 50-60Hz *	**1.5 ***	**2 ***	**4.4 ***	**ED 2.5T (108320350) ***	**4.2 ***	**13.7 ***	**11 ***

*** PILOT PUMP**

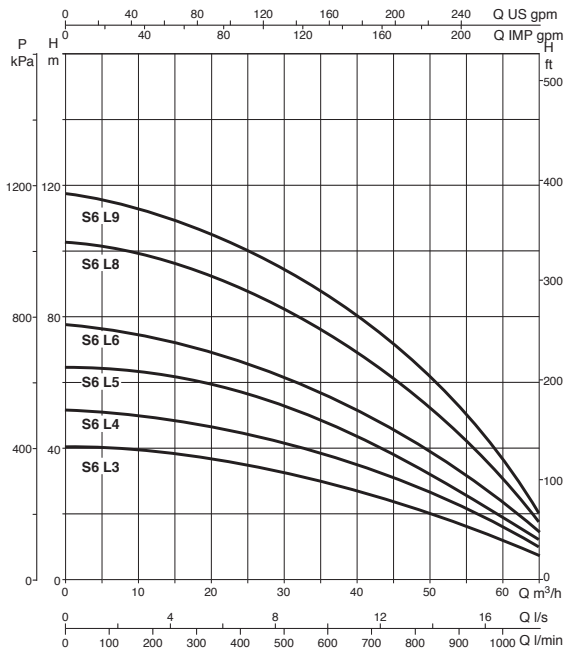
S6F


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P kPa
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H ft
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S6 F6
S6 F4
Q m³/h
Q l/s
Q l/min

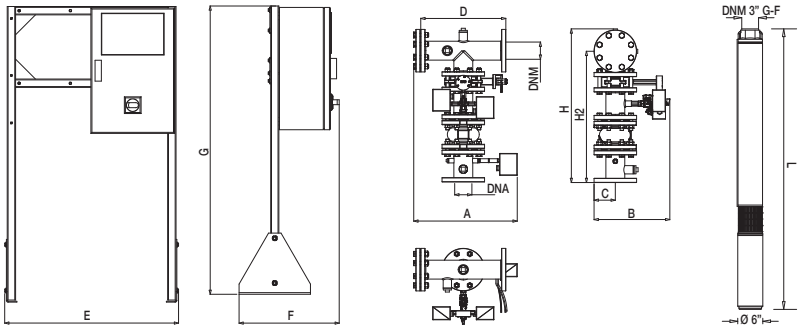
S6H


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Q l/min

S6L

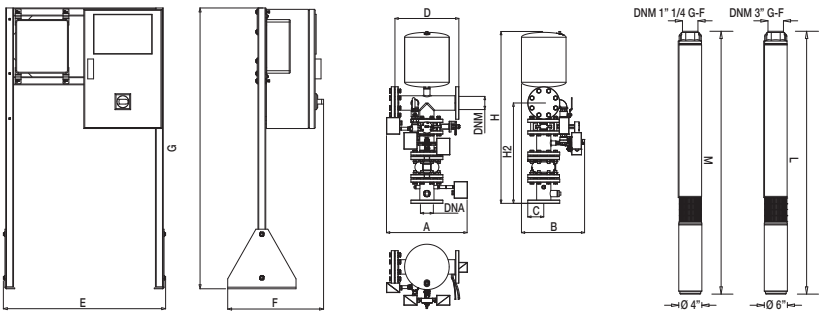

Q US gpm
Q IMP gpm
P kPa
H m
H ft
S6 L9
S6 L8
S6 L6
S6 L5
S6 L4
S6 L3
Q m³/h
Q l/s
Q l/min

DIMENSIONS AND WEIGHTS - 6” SUBMERSIBLE ELECTRIC PUMPS



MODEL	A	B	C	D	E	F	G	H	H2	L	M	DNA	DNM	PACKAGING DIMENSIONS (bxpxh)	WEIGHT (Kg)
1 S6F 4 T 400/50 EN 12845	485	355	100	400	830	490	1415	725	615	1111	-	80	80	1000x1400x2200	193
1 S6F 6 T 400/50 EN 12845	485	355	100	400	830	490	1415	725	615	1256	-	80	80	1000x1400x2200	202
1 S6F 8 T 400/50 EN 12845	485	355	100	400	830	490	1415	725	615	1398	-	80	80	1000x1400x2200	190
1 S6H 3 T 400/50 EN 12845	485	355	100	400	830	490	1415	725	615	1063	-	80	80	1000x1400x2200	196
1 S6H 4 T 400/50 EN 12845	485	355	100	400	830	490	1415	725	615	1153	-	80	80	1000x1400x2200	200
1 S6H 5 T 400/50 EN 12845	485	355	100	400	830	490	1415	725	615	1242	-	80	80	1000x1400x2200	192
1 S6H 6 T 400/50 EN 12845	485	355	100	400	830	490	1415	725	615	1327	-	80	80	1000x1400x2200	197
1 S6H 8 T 400/50 EN 12845	485	355	100	400	830	490	1415	725	615	1492	-	80	80	1000x1400x2200	202
1 S6L 3 T 400/50 EN 12845	485	355	100	400	830	490	1415	725	615	1094	-	80	80	1000x1400x2200	114
1 S6L 4 T 400/50 EN 12845	485	355	100	400	830	490	1415	725	615	1182	-	80	80	1000x1400x2200	117
1 S6L 5 T 400/50 EN 12845	485	355	100	400	830	490	1415	725	615	1267	-	80	80	1000x1400x2200	121
1 S6L 6 T 400/50 EN 12845	485	355	100	400	830	490	1415	725	615	1372	-	80	80	1000x1400x2200	126
1 S6L 8 T 400/50 EN 12845	485	355	100	400	830	490	1415	725	615	1547	-	80	80	1000x1400x2200	150
1 S6L 9 T 400/50 EN 12845	485	355	100	400	830	490	1415	725	615	1607	-	80	80	1000x1400x2200	225

DIMENSIONS AND WEIGHTS - 6” SUBMERSIBLE ELECTRIC PUMPS + PILOT PUMP



MODEL	A	B	C	D	E	F	G	H	H2	L	M	DNA	DNM	PACKAGING DIMENSIONS (bxpxh)	WEIGHT (Kg)
1 S6F 4 T 400/50 EN 12845 - S4C 13T	505	395	100	400	830	490	1415	1055	615	1111	871	80	80	1000x1400x2200	256
1 S6F 6 T 400/50 EN 12845 - S4C 19T	505	395	100	400	830	490	1415	1055	615	1256	1086	80	80	1000x1400x2200	235
1 S6F 8 T 400/50 EN 12845 - S4C 25T	505	395	100	400	830	490	1415	1055	615	1398	1343	80	80	1000x1400x2200	248
1 S6H 3 T 400/50 EN 12845 - S4C 13T	505	395	100	400	830	490	1415	1055	615	1063	871	80	80	1000x1400x2200	228
1 S6H 4 T 400/50 EN 12845 - S4C 13T	505	395	100	400	830	490	1415	1055	615	1153	871	80	80	1000x1400x2200	232
1 S6H 5 T 400/50 EN 12845 - S4C 19T	505	395	100	400	830	490	1415	1055	615	1242	1086	80	80	1000x1400x2200	237
1 S6H 6 T 400/50 EN 12845 - S4C 19T	505	395	100	400	830	490	1415	1055	615	1327	1086	80	80	1000x1400x2200	242
1 S6H 8 T 400/50 EN 12845 - S4C 25T	505	395	100	400	830	490	1415	1055	615	1492	1343	80	80	1000x1400x2200	265
1 S6L 3 T 400/50 EN 12845 - S4C 13T	505	395	100	400	830	490	1415	1055	615	1094	871	80	80	1000x1400x2200	236
1 S6L 4 T 400/50 EN 12845 - S4C 13T	505	395	100	400	830	490	1415	1055	615	1182	871	80	80	1000x1400x2200	239
1 S6L 5 T 400/50 EN 12845 - S4C 13T	505	395	100	400	830	490	1415	1055	615	1267	871	80	80	1000x1400x2200	243
1 S6L 6 T 400/50 EN 12845 - S4C 19T	505	395	100	400	830	490	1415	1055	615	1372	1086	80	80	1000x1400x2200	248
1 S6L 8 T 400/50 EN 12845 - S4C 25T	505	395	100	400	830	490	1415	1055	615	1547	1343	80	80	1000x1400x2200	158
1 S6L 9 T 400/50 EN 12845 - S4C 25T	505	395	100	400	830	490	1415	1055	615	1607	1343	80	80	1000x1400x2200	245

DAB PUMPS reserves the right to make modifications without notice

TECHNICAL DATA - 8" SUBMERSIBLE ELECTRIC PUMPS

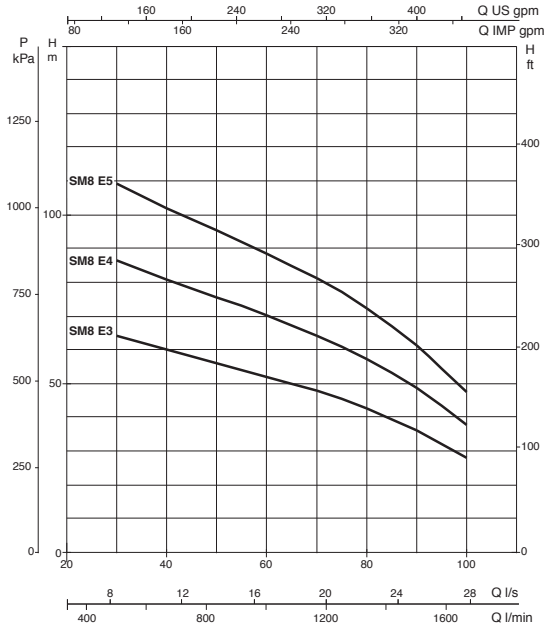
MODEL	CODE	VOLTAGE 50 Hz	P2 NOMINAL		In (A)	CONTROL PANEL	MAX FLOW RATE m³/h	MAX PRESSURE OBTAINABLE (BAR)	STANDARD PRESSURE (BAR)
			kW	Hp					
1SM8 E3A T 400/50 EN 12845	60151861	3 x 400 50Hz	15	20	33.4	EGE 18.5T SD 400/50-60	100	7.4	6
1SM8 E4A T 400/50 EN 12845	60151862	3 x 400 50Hz	18.5	25	41	EGE 22T SD 400/50-60	100	10	8
1SM8 E5A T 400/50 EN 12845	60151863	3 x 400 50Hz	22	30	47	EGE 22T SD 400/50-60	100	12.6	10
1SM8 G3A T 400/50 EN 12845	60151864	3 x 400 50Hz	18.5	25	41	EGE 22T SD 400/50-60	120	7.9	6
1SM8 G4A T 400/50 EN 12845	60151865	3 x 400 50Hz	22	30	47	EGE 22T SD 400/50-60	120	10.6	8.5
1SM8 G5A T 400/50 EN 12845	60151866	3 x 400 50Hz	30	40	61.5	EGE 30T SD 400/50-60	120	13.4	10.5
1SM8 H3A T 400/50 EN 12845	60151867	3 x 400 50Hz	22	30	47	EGE 22T SD 400/50-60	140	7.4	6
1SM8 H4A T 400/50 EN 12845	60151868	3 x 400 50Hz	30	40	61.5	EGE 30T SD 400/50-60	140	10	8
1SM8 H5A T 400/50 EN 12845	60151869	3 x 400 50Hz	37	50	79.5	EGE 37T SD 400/50-60	140	12.7	10
1SM8 L3A T 400/50 EN 12845	60151870	3 x 400 50Hz	30	40	61.5	EGE 30T SD 400/50-60	160	7.7	6
1SM8 L4A T 400/50 EN 12845	60151871	3 x 400 50Hz	37	50	79.5	EGE 37T SD 400/50-60	160	10.3	8
1SM8 L5A T 400/50 EN 12845	60151872	3 x 400 50Hz	45	60	92	EGE 45T SD 400/50-60	160	13.1	10.5

TECHNICAL DATA - 8" SUBMERSIBLE ELECTRIC PUMPS + PILOT PUMP

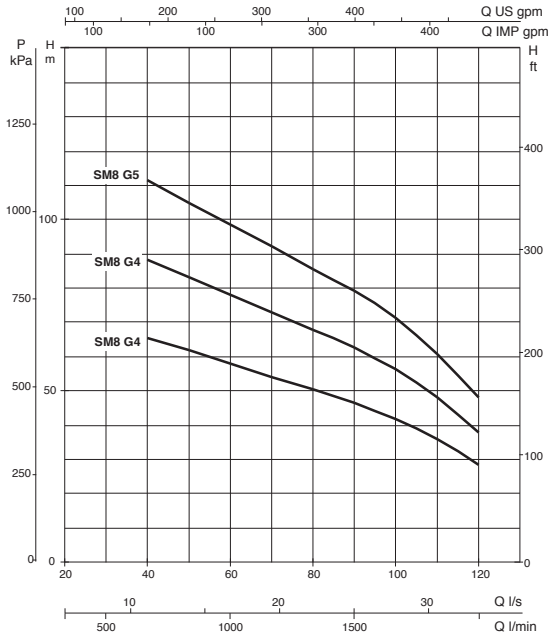
MODEL	CODE	VOLTAGE 50 Hz	P2 NOMINAL		In (A)	CONTROL PANEL	MAX FLOW RATE m³/h	MAX PRESSURE OBTAINABLE (BAR)	STANDARD PRESSURE (BAR)
			kW	Hp					
1SM8 E3A T 400/50 EN 12845 - S4C 19T	60151873	3 x 400 50Hz	15	20	33.4	EGE 18.5T SD 400/50-60	100	7.4	6
		3 x 400 50-60Hz *	**1.1 ***	**1.5 ***	**3.4 ***	**ED 1.5T (108320340) ***	**4.2 ***	**10.4 ***	**8 ***
1SM8 E4A T 400/50 EN 12845 - S4C 19T	60151874	3 x 400 50Hz	18.5	25	41	EGE 22T SD 400/50-60	100	10	8
		3 x 400 50-60Hz *	**1.1 ***	**1.5 ***	**3.4 ***	**ED 1.5T (108320340) ***	**4.2 ***	**10.4 ***	**8 ***
1SM8 E5A T 400/50 EN 12845 - S4C 25T	60151875	3 x 400 50Hz	22	30	47	EGE 22T SD 400/50-60	100	12.6	10
		3 x 400 50-60Hz *	**1.5 ***	**2 ***	**4.4 ***	**ED 2.5T (108320350) ***	**4.2 ***	**13.7 ***	**11 ***
1SM8 G3A T 400/50 EN 12845 - S4C 19T	60151876	3 x 400 50Hz	18.5	25	41	EGE 22T SD 400/50-60	120	7.9	6
		3 x 400 50-60Hz *	**1.1 ***	**1.5 ***	**3.4 ***	**ED 1.5T (108320340) ***	**4.2 ***	**10.4 ***	**8 ***
1SM8 G4A T 400/50 EN 12845 - S4C 25T	60151877	3 x 400 50Hz	22	30	47	EGE 22T SD 400/50-60	120	10.6	8.5
		3 x 400 50-60Hz *	**1.5 ***	**2 ***	**4.4 ***	**ED 2.5T (108320350) ***	**4.2 ***	**13.7 ***	**11 ***
1SM8 G5A T 400/50 EN 12845 - S4C 25T	60151878	3 x 400 50Hz	30	40	61.5	EGE 30T SD 400/50-60	120	13.4	10.5
		3 x 400 50-60Hz *	**1.5 ***	**2 ***	**4.4 ***	**ED 2.5T (108320350) ***	**4.2 ***	**13.7 ***	**11 ***
1SM8 H3A T 400/50 EN 12845 - S4C 19T	60151879	3 x 400 50Hz	22	30	47	EGE 22T SD 400/50-60	140	7.4	6
		3 x 400 50-60Hz *	**1.1 ***	**1.5 ***	**3.4 ***	**ED 1.5T (108320340) ***	**4.2 ***	**10.4 ***	**8 ***
1SM8 H4A T 400/50 EN 12845 - S4C 19T	60151880	3 x 400 50Hz	30	40	61.5	EGE 30T SD 400/50-60	140	10	8
		3 x 400 50-60Hz *	**1.1 ***	**1.5 ***	**3.4 ***	**ED 1.5T (108320340) ***	**4.2 ***	**10.4 ***	**8 ***
1SM8 H5A T 400/50 EN 12845 - S4C 25T	60151881	3 x 400 50Hz	37	50	79.5	EGE 37T SD 400/50-60	140	12.7	10
		3 x 400 50-60Hz *	**1.5 ***	**2 ***	**4.4 ***	**ED 2.5T (108320350) ***	**4.2 ***	**13.7 ***	**11 ***
1SM8 L3A T 400/50 EN 12845 - S4C 19T	60151882	3 x 400 50Hz	30	40	61.5	EGE 30T SD 400/50-60	160	7.7	6
		3 x 400 50-60Hz *	**1.1 ***	**1.5 ***	**3.4 ***	**ED 1.5T (108320340) ***	**4.2 ***	**10.4 ***	**8 ***
1SM8 L4A T 400/50 EN 12845 - S4C 25T	60151883	3 x 400 50Hz	37	50	79.5	EGE 37T SD 400/50-60	160	10.3	8
		3 x 400 50-60Hz *	**1.5 ***	**2 ***	**4.4 ***	**ED 2.5T (108320350) ***	**4.2 ***	**13.7 ***	**11 ***
1SM8 L5A T 400/50 EN 12845 - S4C 25T	60151884	3 x 400 50Hz	45	60	92	EGE 45T SD 400/50-60	160	13.1	10,5
		3 x 400 50-60Hz *	**1.5 ***	**2 ***	**4.4 ***	**ED 2.5T (108320350) ***	**4.2 ***	**13.7 ***	**11 ***

*** PILOT PUMP**

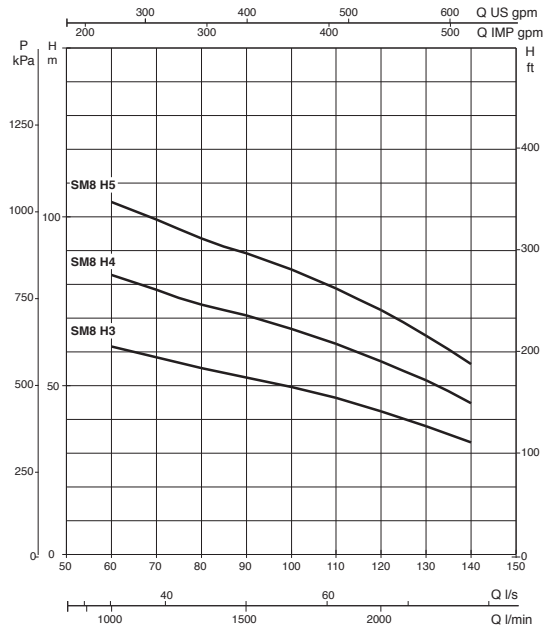
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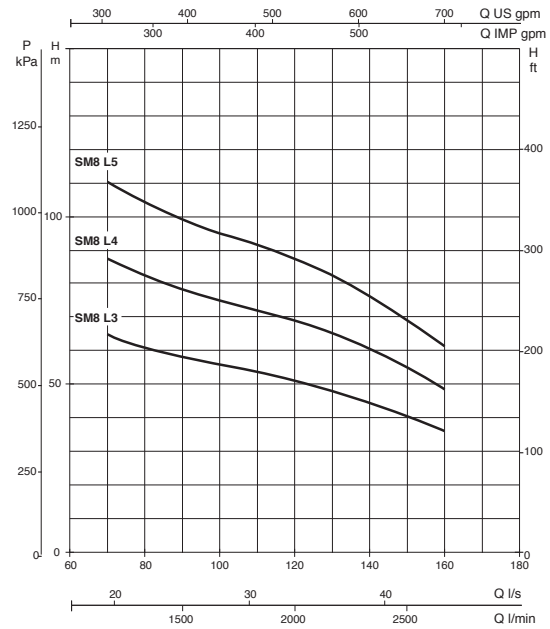
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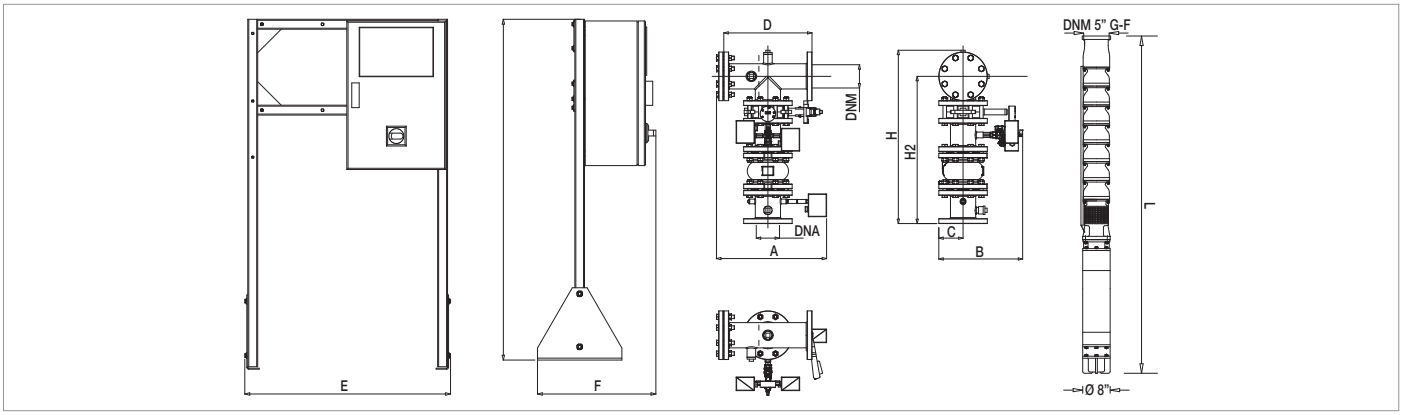
SM8H



SM8L

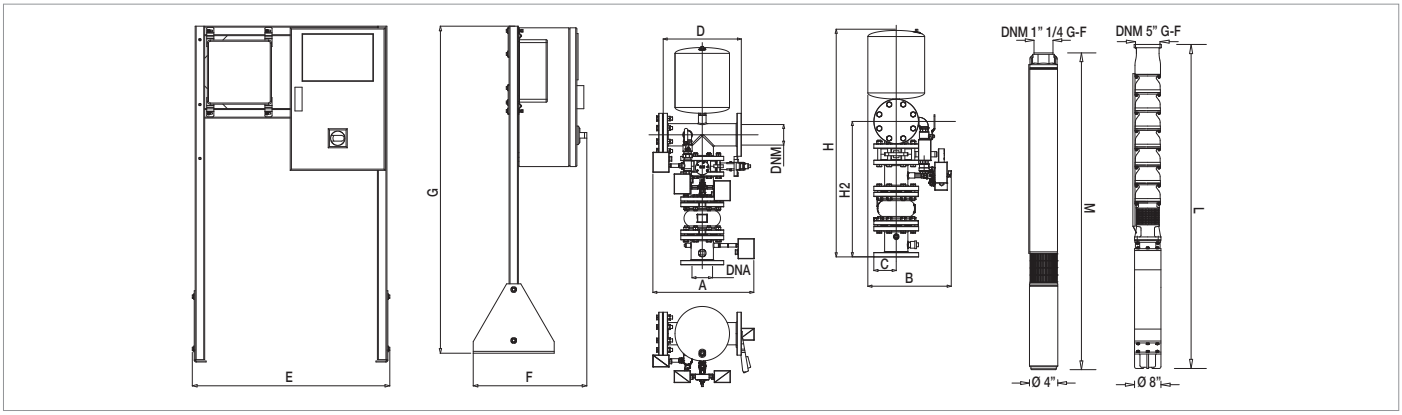


DIMENSIONS AND WEIGHTS - 8” SUBMERSIBLE ELECTRIC PUMPS



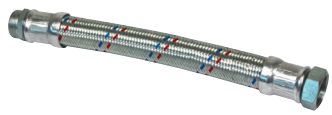
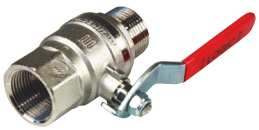
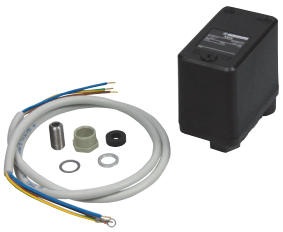
MODEL	A	B	C	D	E	F	G	H	H2	L	M	DNA	DNM	PACKAGING DIMENSIONS (bxpxh)
1SM8 E3A T 400/50 EN 12845	500	380	110	400	830	490	1415	785	665	1653	-	100	100	1000x1400x2200
1SM8 E4A T 400/50 EN 12845	500	380	110	400	830	490	1415	785	665	1860	-	100	100	1000x1400x2200
1SM8 E5A T 400/50 EN 12845	500	380	110	400	830	490	1415	785	665	2052	-	100	100	1000x1400x2200
1SM8 G3A T 400/50 EN 12845	500	380	110	400	830	490	1415	785	665	1728	-	100	100	1000x1400x2200
1SM8 G4A T 400/50 EN 12845	500	380	110	400	830	490	1415	785	665	1920	-	100	100	1000x1400x2200
1SM8 G5A T 400/50 EN 12845	500	380	110	400	830	490	1415	785	665	2182	-	100	100	1000x1400x2200
1SM8 H3A T 400/50 EN 12845	500	380	110	400	830	490	1415	785	665	1788	-	100	100	1000x1400x2200
1SM8 H4A T 400/50 EN 12845	500	380	110	400	830	490	1415	785	665	2050	-	100	100	1000x1400x2200
1SM8 H5A T 400/50 EN 12845	500	380	110	400	830	490	1415	785	665	2312	-	100	100	1000x1400x2200
1SM8 L3A T 400/50 EN 12845	500	380	110	400	830	490	1415	785	665	1918	-	100	100	1000x1400x2200
1SM8 L4A T 400/50 EN 12845	500	380	110	400	830	490	1415	785	665	2180	-	100	100	1000x1400x2200
1SM8 L5A T 400/50 EN 12845	500	380	110	400	830	490	1415	785	665	2402	-	100	100	1000x1400x2200

DIMENSIONS AND WEIGHTS - 8” SUBMERSIBLE ELECTRIC PUMPS + PILOT PUMP



MODEL	A	B	C	D	E	F	G	H	H2	L	M	DNA	DNM	PACKAGING DIMENSIONS (bxpxh)
1SM8 E3A T 400/50 EN 12845 - S4C 19T	520	410	110	400	830	490	1415	1120	665	1653	1086	100	100	1000x1400x2200
1SM8 E4A T 400/50 EN 12845 - S4C 19T	520	410	110	400	830	490	1415	1120	665	1860	1086	100	100	1000x1400x2200
1SM8 E5A T 400/50 EN 12845 - S4C 25T	520	410	110	400	830	490	1415	1120	665	2052	1343	100	100	1000x1400x2200
1SM8 G3A T 400/50 EN 12845 - S4C 19T	520	410	110	400	830	490	1415	1120	665	1728	1086	100	100	1000x1400x2200
1SM8 G4A T 400/50 EN 12845 - S4C 25T	520	410	110	400	830	490	1415	1120	665	1920	1343	100	100	1000x1400x2200
1SM8 G5A T 400/50 EN 12845 - S4C 25T	520	410	110	400	830	490	1415	1120	665	2182	1343	100	100	1000x1400x2200
1SM8 H3A T 400/50 EN 12845 - S4C 19T	520	410	110	400	830	490	1415	1120	665	1788	1086	100	100	1000x1400x2200
1SM8 H4A T 400/50 EN 12845 - S4C 19T	520	410	110	400	830	490	1415	1120	665	2050	1086	100	100	1000x1400x2200
1SM8 H5A T 400/50 EN 12845 - S4C 25T	520	410	110	400	830	490	1415	1120	665	2312	1343	100	100	1000x1400x2200
1SM8 L3A T 400/50 EN 12845 - S4C 19T	520	410	110	400	830	490	1415	1120	665	1918	1086	100	100	1000x1400x2200
1SM8 L4A T 400/50 EN 12845 - S4C 25T	520	410	110	400	830	490	1415	1120	665	2180	1343	100	100	1000x1400x2200
1SM8 L5A T 400/50 EN 12845 - S4C 25T	520	410	110	400	830	490	1415	1120	665	2402	1343	100	100	1000x1400x2200

PRESSURE UNITS ACCESSORIES - FIRE FIGHTING BOOSTING SETS UNI EN 12845

	MODEL	CODE
	**Flexible Hose 1" 1/2 MF**	002260316
	Flexible Hose 2" 1/2 MF	60118994
	**Anti-Vibration threaded Union FF 2" - PN 16**	002139107
	Anti-Vibration threade Union FF 2" 1/2 - PN 16	002139108
	**Ball Valve MF 1" (for expansion vassel servicing)**	002132054
	**Min. Press. Switch XMP A06L 1/4" F IP 43**	002717002
	**Kit Pressure Switch for dry running protection**	547120850
	Kit Pressure Swith for overpress.	547120860

	MODEL	CODE
	Float - 5 meter cable	159260030
	Float - 10 meter cable	159260040
	1" Air Inlet coupling Kit	547120440
	1" 1/4 Air Inlet coupling Kit	547120450
	1" 1/2 Air Inlet coupling Kit	547120460
 	8 lt. Tank 10 bar V - G	60141866
	18 lt. Tank 10 bar V - G	60141867
	18 lt. Tank 16 bar V - G	60141868
	Exchange Starting MODULE SZ 3	002773493
	Press. Tras. 16 Bar (for B. Sets with contr. Panel E-Box)	60116837

	MODEL	CODE
 FF 2"1/2 PN16 ANTI-VIBRATION JOINT  ANTI-VIBRATING JOINT DN 80	FF 2"1/2 PN16 ANTI-VIBRATION JOINT	002139108
	ANTI-VIBRATING JOINT DN 80	002139209
	ANTI-VIBRATING JOINT DN 100	002139210
	ANTI-VIBRATING JOINT DN 125	002139211
	ANTI-VIBRATING JOINT DN 150	002139212
	ANTI-VIBRATING JOINT DN 200	002139263
	ANTI-VIBRATING JOINT DN 250	002139264
	ANTI-VIBRATING JOINT DN 300	002139215
	Kit Pressure Switch for dry running protection	547120850
 DN 80 FOOT VALVE WITH FILTER	DN 80 FOOT VALVE WITH FILTER	60111919
	DN 100 FOOT VALVE WITH FILTER	60111920
	DN 125 FOOT VALVE WITH FILTER	60111921
	DN 150 FOOT VALVE WITH FILTER	60111922
	DN 200 FOOT VALVE WITH FILTER	60111923
	DN 250 FOOT VALVE WITH FILTER	60111925
	DN 300 FOOT VALVE WITH FILTER	60111926

SUCTION KIT



The kit is composed of an eccentric cone with screws, nuts and seals. It maintains the water speed in suction below 1.5 m/s and prevents the formation of air pockets.
The following is required:
- 1 KIT for 1NKV units
- 2 KITS for units 2NKV

DESCRIPTION	CODE	KDN	1/2 NKV	S4-S6-SM8
SUCTION KIT FOR NKV 10 EN 12845 (DN 65)	60124052		•	
SUCTION KIT FOR KDN 32 - NKV 15-20 EN 12845 (DN 80)	60124053	•	•	
SUCTION KIT KDN 40 EN (DN 100)	60124054	•		
SUCTION KIT KDN 50 EN (DN 125)	60124055	•		
SUCTION KIT KDN 65 EN (DN 150)	60124056	•		
SUCTION KIT KDN 80 EN (DN 200)	60124057	•		
SUCTION KIT KDN 100 EN (DN 250)	60124058	•		

JONT MANIFOLD KIT



Only in the case of units comprising two modules (electric pump and/or Diesel pump) 1 coupling KIT is required.

DESCRIPTION	CODE	KDN	1/2 NKV	S4-S6-SM8
JOINT MANIFOLD KIT 2KDN 32	60118878	•		
JOINT MANIFOLD KIT 2KDN 40	60118879	•		
JOINT MANIFOLD KIT 2KDN 50	60118880	•		
JOINT MANIFOLD KIT 2KDN 65	60118881	•		
JOINT MANIFOLD KIT 2KDN 80	60118882	•		
JOINT MANIFOLD KIT 2KDN 100	60118883	•		

BUTTERFLY VALVE



Required for pump maintenance, in case of flooded suction installations.
The following is required:
• N. 1 BUTTERFLY VALVE for units 1KDN (electric or diesel).
• N.1 VALVE for units 1NKV and 2 VALVES for units 2NKV

DESCRIPTION	CODE	KDN	1/2 NKV	S4-S6-SM8
BUTTERFLY VALVE DN 65	002132608		•	
BUTTERFLY VALVE DN 80 - KDN 32	002132609	•	•	
BUTTERFLY VALVE DN 100 - KDN 40	002132610	•		
BUTTERFLY VALVE DN 125 - KDN 50	002132661	•		
BUTTERFLY VALVE DN 150 - KDN 65	002132662	•		
BUTTERFLY VALVE DN 200 - KDN 80	002132663	•		
BUTTERFLY VALVE DN 250 - KDN 100	002132664	•		

FOOT VALVE WITH FILTER



These are required to maintain priming of the pump suction, in overhead installations.
The following is required:
• 1 FOOT VALVE for each 1KDN set (electric or Diesel).
• 1 VALVE for units 1NKV and 2 VALVES for units 2NKV

DESCRIPTION	CODE	KDN	1/2 NKV	S4-S6-SM8
DN 65 FOOT VALVE WITH FILTER	60117394		•	
DN 80 FOOT VALVE WITH FILTER	60111919	•	•	
DN 100 FOOT VALVE WITH FILTER	60111920	•		
DN 125 FOOT VALVE WITH FILTER	60111921	•		
DN 150 FOOT VALVE WITH FILTER	60111922	•		
DN 200 FOOT VALVE WITH FILTER	60111923	•		
DN 250 FOOT VALVE WITH FILTER	60111925	•		
DN 300 FOOT VALVE WITH FILTER	60111926			

ANTI-VIBRATION COUPLING FOR SUCTION LINES



The antivibration coupling is utilised to reduce the amount of vibration transmitted to the system, this being especially important when the prime mover is a Diesel engine.
• 1 COUPLING is sufficient for 1 KDN sets (electric or Diesel) (Not compulsory according to UNI EN 12845)
• 1 COUPLING is necessary for 1NKV units and 2 COUPLINGS for 2NKV unit

DESCRIPTION	CODE	KDN	1/2 NKV	S4-S6-SM8
ANTVIBR. FLANG. JOINT DN65 PN16	002139208		•	
ANTVIBR. FLANG. JOINT DN80 PN16	002139209	•	•	
ANTVIBR. FLANG. JOINT DN100 PN16	002139210	•		
ANTVIBR. FLANG. JOINT DN125 PN16	002139211	•		
ANTVIBR. FLANG. JOINT DN150 PN16	002139212	•		
ANTVIBR. FLANG. JOINT DN200 PN16	002139263	•		
ANTVIBR. FLANG. JOINT DN250 PN16	002139264	•		

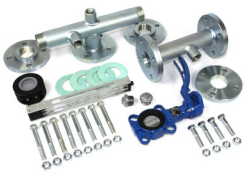
ANTIVIBRATION COUPLINGS FOR DISCHARGE MANIFOLDS



The antivibration coupling is utilised to reduce the amount of vibration transmitted to the system, this being especially important when the prime mover is a Diesel engine.
- 1 COUPLING is sufficient for 1 or 2 KDN sets (electric or Diesel) (Not compulsory according to UNI EN 12845)
- 1 COUPLING is sufficient for 1 or 2 NKV sets (electric or Diesel) (Not compulsory according to UNI EN 12845)

DESCRIPTION	CODE	KDN	1/2 NKV	S4-S6-SM8
ANTI-VIBRATING JOINT 2" - KDN 32	002139207	•	•	
ANTI-VIBRATING JOINT 2" 1/2 - KDN 40	002139208	•	•	
ANTI-VIBRATING JOINT DN 80	002139209	•		
ANTI-VIBRATING JOINT DN 100	002139210	•		
ANTI-VIBRATING JOINT DN 125	002139211	•		
ANTI-VIBRATING JOINT DN 150	002139212	•		

FLOW METER KIT



The meter kit must be installed on a branch line on the discharge manifold.
- 1 METER KIT is sufficient for one or two 1KDN sets (electric or Diesel).
- 1 METER KIT is sufficient for 1 or 2 NKV sets (electric or Diesel)

DESCRIPTION	CODE	KDN	1/2 NKV	S4-S6-SM8
FLOW METER KIT KDN 32 EN	60118869	•		
FLOW METER KIT KDN 40 EN	60118870	•		
FLOW METER KIT KDN 50 EN	60118871	•		
FLOW METER KIT KDN 65 EN	60118872	•		•
FLOW METER KIT KDN 80 EN	60118874	•		
FLOW METER KIT KDN 100 EN	60118876	•		

FLOW METER



DESCRIZIONE	CODE	KDN	1/2 NKV	S4-S6-SM8
FLOW METER DN 40 (3,5-25 m3/h) NKV 10	002789103	•	•	•
FLOW METER DN 50 (7-50 m3/h) KDN 32	002789104	•	•	
FLOW METER DN 65 (10-80 m3/h) KDN 40	002789105	•		•
FLOW METER DN 80 (17,5-130 m3/h) KDN 50	002789106	•		
FLOW METER DN 100 (25-200 m3/h) KDN 65	002789107	•		•
FLOW METER DN 125 (40-300 m3/h) KDN 80	002789108	•		
FLOW METER DN 150 (45-350 m3/h) KDN 100	002789109	•		

SPARE PART KIT FOR DIESEL ENGINE



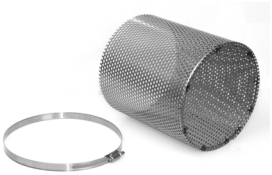
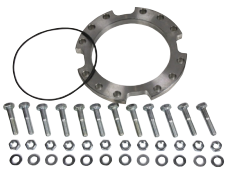
Each kit is composed of:
a) 2 sets of filter elements and relative seals for fuel;
b) 2 sets of filter elements and relative seals for lubricant;
c) 2 sets of belts
d) 1 complete set of couplings, seals and hoses for the motor;
e) 2 injector nozzles.

DESCRIZIONE	CODE	KDN	1/2 NKV	S4-S6-SM8
SPARE PART KIT FOR DIESEL ENGINE 26-KW LD)	60115036	•		
SPARE PART KIT FOR DIESEL ENGINE 19-KW LD)	60115037	•		
SPARE PART KIT FOR DIESEL ENGINE 11-KW LD)	60115038	•		
SPARE PART KIT FOR DIESEL ENGINE 15-KW LD)	60115039	•		
SPARE PART KIT FOR DIESEL ENGINE 37-53-KW (D703)	60115161	•		
SPARE PART KIT FOR DIESEL ENGINE 68-KW 04)	60115162	•		
SPARE PART KIT FOR DIESEL ENGINE 103-KW (D706)	60115163	•		

ACCESSORIES

FIRE FIGHTING UNITS UNI STANDARDS EN 12845

	DESCRIPTION	CODE	USAGE	KDN	1/2 NKV	S4-S6-SM8
	**REMOTE ALARM SIGNAL PANEL CSR 1**	60118970	Suitable for sets with 1 or 2 pumps	•	•	•
	**CONVERSION MODULE RS 232/485**	60118971	N. 1 per pump (electric or Diesel)	•	•	•
	**GSM MODULE for CSR1**	60124287	Delivery of alarm signal to mobile phone	•	•	•
	**PRIMING TANK (500 LT.) EN 12845**	60110538	N. 1 per pump	•	•	
	**KIT FLOW SWITCH 1" EN 12845**	60114410	Suitable for sets with 1 or 2 pumps	•	•	•
	**MODEM FOR 1 ELECTRICAL PUMP**	60113015	Delivery of alarm signal	•	•	•
	**MODEM FOR 1 KDN (DIESEL PUMP)**	60113016	Delivery of alarm signal	•		
	**GASOLINE HARVESTER FOR 50 L TANK (eng. up to 26 kW)**	60131234	(motors up to 26 kWatt)	•		
	**GASOLINE HARVESTER FOR 125 L TANK (eng. 37-103 kW)**	60149450	(motors 37-103 kWatt)	•		
	**RECYCLE FLOW INDICATOR 3/4"**	60120142		•		

	DESCRIPTION	CODE	S4	S6	SM8
	**COOLING SLEEVE KIT L400**	60125178	•		
	COOLING SLEEVE KIT L525	60125179	•		
	COOLING SLEEVE KIT L885	60125180	•		
	COOLING SLEEVE KIT L. 725	60144213		•	
	COOLING SLEEVE KIT L. 960	60144217		•	
	COOLING SLEEVE KIT L. 1.220	60144218		•	
	COOLING SLEEVE KIT L. 1.490	60146397		•	
	**HORIZONTAL POSITIONING KIT 4”**	60125181	•		
	HORIZONTAL POSITIONING KIT 6”	60146398		•	
	**FILTER KIT 4”**	60125182	•		
	FILTER KIT 6”	60146399		•	
	**COUNTERFLANGE KIT FOR SM 8 SUBM. PUMPS**	60152169			•

GENERAL CONDITIONS OF SALE

1. VALIDITY

1.1 All contracts concluded between DAB Pumps S.p.A. (hereafter referred to as "DAB") and the buyer (hereafter referred to as the "Buyer") regarding the supply of DAB products (hereafter referred to as the "Products") will be governed by the following conditions of sale (hereafter referred to as the "General Conditions of Sale").

2. ORDER ACCEPTANCE

2.1 DAB must receive all orders either completed in full in writing or via email.

2.2 Orders given verbally or by telephone must be confirmed by the Buyer in writing or via email. Failing this, DAB declines all liability for errors in carrying out the order.

2.3 DAB declines all liability for errors in carrying out orders due to a lack of written confirmation from the Buyer or an incomplete compilation of the order sent.

2.4 Orders from the Buyer become binding only when accepted by DAB in writing or via email.

2.5 All documents that explain and describe the Products, such as photographs, designs, technical specifications, data relative to dimensions and weights, are indicative only, and DAB is not responsible for any imprecision in the information contained therein. DAB also reserves the right to change the Products at any time, with no need to notify the Buyer.

2.6 DAB Pumps S.p.A. also reserves the right to produce the goods in all countries in the world.

3. ORDER CANCELLATION

3.1 The Buyer will be responsible for damages caused by the cancellation or modification of orders, which in no event will be considered valid or effective without DAB's written acceptance.

4. DELIVERY CONDITIONS

4.1 Unless otherwise agreed by the parties, the Products will be supplied EXW (Incoterms 2000) to the plant in Mestrino (PD), Italy. DAB nevertheless reserves the right to deliver the goods from places other than the Mestrino plant.

5. DELIVERY TERMS

5.1 The term of delivery begins to run on the date of notice that the goods are available.

5.2 While DAB will do everything in its power to execute the contract and/or deliver the Products within any terms agreed, it is understood that these terms are indicative and not binding, unless otherwise agreed by the parties. Therefore, in no case may DAB be required to pay damages directly or indirectly caused by the late execution of a contract or the late delivery of the Products.

5.3 Even if an essential term of delivery has been set, DAB may in no case be considered liable for any delays in the delivery due to fortuitous events, acts of God, or any causes out of its control. In these cases, DAB will execute the order as soon as the obstructing causes have been resolved.

6. WARRANTY

6.1 DAB promises to deliver Products, which conform to agreements, with no defects that would make them unsuitable for the customary use to which such products are made.

6.2 In no case is DAB required to deliver a product suitable for a particular use, unless this is expressly agreed in writing with the Buyer.

6.3 DAB is not responsible for any non-conformity or defects in the Products in the following cases:

6.3.1 If the non-conformity or defect is due to designs, projects, information, instructions, software, materials, unfinished products, components or other materials provided by the Buyer or other parties on his behalf

6.3.2 If the non-conformity or defect is due to mishandling, repairs or changes in the Product not made by DAB or authorized third parties

6.3.3 If the non-conformity or defect is due to an improper installation of the Product

6.3.4 If the non-conformity or defect is due to lack of or inadequate protection or errors in connecting the Product

6.3.5 If the non-conformity or defect is due to the use of corrosive liquids or liquids not contemplated in the documents accompanying the Product

6.3.6 If the non-conformity or defect is due to the Product's normal wear and tear

6.3.7 If the non-conformity or defect is due to the improper use of the product (for example, overloading beyond the limits indicated for the Product)

6.3.8 If the non-conformity or defect is due to an event that occurs after the risk has been transferred to the Buyer

6.4 Under penalty of forfeit, any non-conformity or defects must be reported in writing within eight days after the date of delivery of the Product or the date of discovery of any hidden non-conformity or defect, or from the date on which the Buyer could have discovered the non-conformity or defect through a careful examination of the Product, or from the date of receipt of a complaint or claim from third parties, provided this is relative to the Product and not excluded from these General Conditions of Sale.

6.5 In any event, any non-conformity or defects must be reported within 24 months for all products in the catalog.

6.6 If there is any uncertainty regarding the date of delivery, the Product's production date appearing on the plate attached to it will be considered the effective date.

6.7 The Buyer must, at his own expense, return any non-conforming or defective Products to: DAB PUMPS S.p.A., Via Marco Polo, 14 Mestrino - PD, or to the authorized DAB service center that DAB indicates.

6.8 Once the existence of the non-conformity or defect and DAB's liability have been confirmed pursuant to these General Conditions of Sale, the Buyer will be entitled, at DAB's sole discretion, to repair or replacement of the Product, or else to a price reduction or, if the price has already been paid, to a partial refund of the same based on the wear and age of the Product.

6.9 Delivery of repaired or replaced Products will be:

- postage paid for products received at the Mestrino plant
- at the authorized service center for products delivered there

6.10 Any other remedies not indicated in this article are expressly excluded, including any claims for damages incurred by the Buyer due to the non-conformity or defect.

7. PRICES

7.1 The prices indicated in the price list are considered net of any taxes and free at the DAB plant. Thus, prices do not include the cost of transport, insurance, or similar costs.

7.2 The products are invoiced at the price in effect at the time of delivery. If there are significant increases in costs, DAB reserves the right to apply the price in effect on the date of delivery, even though the delivery is later than anticipated.

8. TERMS OF PAYMENT

8.1 The supply must be paid by the term indicated in the invoice, with payment made solely to DAB according to the agreed procedures.

8.2 If payment is late, penalty interest at the official discount rate will be charged from the date of delivery of the Product, with no need for the Buyer to be officially placed in default.

9. APPLICABLE LAW AND JURISDICTION

9.1 All contracts with DAB are considered concluded in Italy and will be subject to Italian law. Any disputes will fall under the sole jurisdiction of the Court of Padua.

9.2 As a partial exception to the provisions of article 9.1, DAB, at its own discretion, will have the option of waiving application of Italian law and the jurisdiction of the Court of Padua, in order to take legal action against the Buyer before the competent Court in his domicile.

9.3 BUYER'S OBLIGATION TO INFORM. LIABILITY

DAB warrants that the Products comply with any mandatory provisions and standards imposed by laws, rules and regulations in force in the European Union. Information about mandatory provisions and standards imposed by laws, rules and regulations in force in the territory of the Buyer, if not belonging to the European Union, shall be provided in writing by the Buyer to DAB and the Buyer shall indemnify and hold harmless DAB for any loss or damage suffered by DAB as a consequence of the negligence of the Buyer in fulfilling the provisions of this article.

The Buyer

Pursuant to and for purposes of articles 1341 and 1342 of the Civil Code, the Buyer declares that he expressly approves the following clauses: 4 (Terms of Delivery); 5 (Warranty); 8 (Applicable Law and Jurisdiction).

NOTES


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60165627 - 03/2014