

1/BS

RODAS EM BORRACHA PRETA, NÚCLEO EM MATERIAL TERMOPLÁSTICO COM CUBO LISO

BLACK RUBBER WHEELS, CENTRE IN THERMOPLASTIC MATERIAL WITH PLAIN BEARING

ROUES EN CAOUTCHOUC NOIR, CORPS EN MATIÈRE THERMOPLASTIQUE AVEC MOYEU LISSE



Código/Code	Ref.	mm	mm	mm	mm			Kg.	Kg.
10 17 33	1/BS-80	80	25	37	12			60	0,160
10 17 36	1/BS-100	100	30	37	12			80	0,240
*10 17 54	1/BS-160.16	160	40	57	16			130	0,600
10 17 55	1/BS-160.20	160	40	57	20			130	0,610
10 17 59	1/BS-180.20	180	45	57	20			180	0,820
*10 17 60	1/BS-200.16	200	50	57	16			200	1,040
10 17 61	1/BS-200.20	200	50	57	20			200	1,040
10 17 64	1/BS-225	225	50	57	20			200	1,460
10 17 66	1/BS-250	250	58	68	20			220	1,660
10 17 73	1/BS-300	300	58	68	20			220	2,860

\* CUBO COM CASQUILHOS EM POLIAMIDA / HUB WITH POLYAMIDE SLEEVES / MOYEU AVEC DOUILLES EN POLYAMIDE  
DUREZA - 80 Shore A; HARDNESS - 80 Shore A; DURETÉ - 80 Shore A

1/BA

RODAS EM BORRACHA PRETA, NÚCLEO EM MATERIAL TERMOPLÁSTICO COM ROLAMENTO DE ROLOS

BLACK RUBBER WHEELS, CENTRE IN THERMOPLASTIC MATERIAL WITH ROLLER BEARING

























ROUES EN CAOUTCHOUC NOIR, CORPS EN MATIÈRE THERMOPLASTIQUE AVEC ROULEMENT À ROULEAUX



Código/Code	Ref.	mm	mm	mm	mm			Kg.	Kg.
10 20 33	1/BA-80	80	25	37	12			60	0,160
10 20 36	1/BA-100	100	30	37	12			80	0,260
10 20 42	1/BA-125	125	38	48	15			100	0,400
10 20 48	1/BA-140	140	38	48	15			110	0,540
10 20 54	1/BA-160	160	40	57	20			130	0,640
10 20 58	1/BA-180	180	45	57	20			180	0,860
10 20 60	1/BA-200	200	50	57	20			200	1,080
10 20 63	1/BA-225	225	50	57	20			200	1,430

DUREZA - 80 Shore A; HARDNESS - 80 Shore A; DURETÉ - 80 Shore A



























120 F4

														
Código/Code	Ref.	mm	mm		mm	mm	mm	mm	mm	mm	Kg	Kg		
25 12 05	120/BS-80	80	25		107	31	100x80	80x60xØ9	60	0,660				
25 12 06	120/BS-100	100	30		127	37	100x80	80x60xØ9	80	0,760				
25 12 09	120/BS-180	180	45		212	58	135x109	105x80xØ11	180	2,100				
25 12 11	*120/BA-80	80	25		107	31	100x80	80x60xØ9	60	0,680				
25 12 12	*120/BA-100	100	30		127	37	100x80	80x60xØ9	80	0,800				
25 12 14	P-120/BA-125	125	38		154	41	100x80	80x60xØ9	100	1,020				
25 12 13	120/BA-125	125	38		156	50	135x109	105x80xØ11	100	1,380				
25 12 15	120/BA-140	140	38		164	50	135x109	105x80xØ11	110	1,480				
25 12 16	120/BA-160	160	40		200	45	135x109	105x80xØ11	130	1,920				
25 12 17	120/BA-180	180	45		212	58	135x109	105x80xØ11	180	2,200				
25 12 18	120/BA-200	200	50		243	50	135x109	105x80xØ11	200	2,580				

\* Fornecidos com blindagens anti-fio / Supplied with threadguards / Sont fournies avec pare-fils

























125

														
Código/Code	Ref.	mm	mm		mm	mm	mm	mm	mm	mm	Kg	Kg		
25 13 06	125/BS-80	80	25		107		105x85	80x60xØ9	60	0,420				
25 13 07	125/BS-100	100	30		127		105x85	80x60xØ9	80	0,540				
25 13 08	125/BS-160	160	40		200		138x109	105x80xØ11	130	1,520				
25 13 09	125/BS-180	180	45		212		138x109	105x80xØ11	180	1,820				
25 13 10	125/BS-200	200	50		243		138x109	105x80xØ11	200	2,080				
25 13 11	*125/BA-80	80	25		107		105x85	80x60xØ9	60	0,440				
25 13 12	*125/BA-100	100	30		127		105x85	80x60xØ9	80	0,580				
25 13 14	P-125/BA-125	125	38		154		105x85	80x60xØ9	100	0,800				
25 13 13	125/BA-125	125	38		156		138x109	110x80xØ11	100	1,080				
25 13 15	125/BA-140	140	38		164		138x109	110x80xØ11	110	1,180				
25 13 16	125/BA-160	160	40		200		138x109	110x80xØ11	130	1,660				
25 13 17	125/BA-180	180	45		212		138x109	110x80xØ11	180	1,860				
25 13 18	125/BA-200	200	50		243		138x109	110x80xØ11	200	2,120				

\* Fornecidos com blindagens anti-fio / Supplied with threadguards / Sont fournies avec pare-fils



120/T F4

														
Código/Code	Ref.	mm	mm		mm	mm	mm	mm	mm	mm	Kg	Kg		
26 16 01	120/BST-80	80	25		107	31	100x80	80x60xØ9	60	0,740				
26 16 02	120/BST-100	100	30		127	37	100x80	80x60xØ9	80	0,840				
26 16 10	*120BAT-80	80	25		107	31	100x80	80x60xØ9	60	0,760				
26 16 11	*120/BAT-100	100	30		127	37	100x80	80x60xØ9	80	0,880				
26 16 12	P-120/BAT-125	125	38		154	45	100x80	80x60xØ9	100	1,220				
25 12 36	120/BST-180	180	45		212	58	135x109	105x80xØ11	180	2,400				
25 12 45	120/BAT-160	160	40		200	45	135x109	105x80xØ11	130	2,260				
25 12 46	120/BAT-180	180	45		212	58	135x109	105x80xØ11	180	2,500				
25 12 47	120/BAT-200	200	50		243	50	135x109	105x80xØ11	200	2,740				

\* Fornecidos com blindagens anti-fio / Supplied with threadguards / Sont fournies avec pare-fils



120/F1



Código/Code		Ref.	mm	mm	mm	mm	mm	Kg	Kg
25 16 01	120/BS-80 F1	80	25	107	31	12	60	0,550	
25 16 02	120/BS-100 F1	100	30	127	37	12	80	0,660	
25 16 04	120/BS-160 F1	160	40	200	45	12	130	1,750	
25 16 05	120/BS-200 F1	200	50	243	50	12	200	2,400	
25 16 11	*120/BA-80 F1	80	25	107	31	12	60	0,580	
25 16 12	*120/BA-100 F1	100	30	127	37	12	80	0,700	
25 16 13	120/BA-125 F1	125	38	152	41	12	100	0,940	
26 12 26	120/BA-160 F1	160	40	200	45	12	130	1,780	
25 16 15	120/BA-200 F1	200	50	243	50	12	200	2,440	

\* Fornecidos com blindagens anti-fio / Supplied with threadguards / Sont fournies avec pare-fils

120/T F1



Código/Code		Ref.	mm	mm	mm	mm	mm	Kg	Kg
26 16 05	120/BST-80 F1	80	25	107	31	12	60	0,620	
26 16 06	120/BST-100 F1	100	30	127	37	12	80	0,740	
26 16 15	*120/BAT-80 F1	80	25	107	31	12	60	0,660	
26 16 16	*120/BAT-100 F1	100	30	127	37	12	80	0,780	
26 16 17	120/BAT-125 F1	125	38	152	45	12	100	1,160	

\* Fornecidos com blindagens anti-fio / Supplied with threadguards / Sont fournies avec pare-fils

CONTENTORES DO LIXO / DUST - BIN / ORDURIERS



Código/Code		Ref.	mm	mm	mm	mm	mm	mm	Kg	Kg
26 12 09	120/BS/GF-160	160	40	200	45	135x109	105x80xØ11	130	1,900	
26 12 12	120/BS/GF-200	200	50	243	50	135x109	105x80xØ11	200	2,300	

















Código/Code		Ref.	mm	mm	mm	mm	mm	mm	Kg	Kg
26 12 16	120/BST/GF-160	160	40	200	45	135x109	105x80xØ11	130	2,160	
26 12 15	120/BST/GF-200	200	50	243	50	135x109	105x80xØ11	200	2,600	



Código/Code		Ref.	mm	mm	Ref.	mm	mm	mm	mm	Kg	Kg
26 12 14	120/BS/TC-200	200	50	1/BS	243	50	135x109	105x80xØ11	200	2,715	

Travão central com bloqueio total / Locked central brake / Frein centralisé avec blocage total












200

									
Código/Code	Ref.	mm	mm	mm	mm	mm	mm	Kg	Kg
25 28 30	*200/BA-80	80	25		102	31	Ø20x45	60	0,700
25 28 31	*200/BA-100	100	30		126	38	Ø20x45	80	0,820
25 28 32	200/BA-125	125	38		157	46	Ø27x60	100	1,380
25 28 34	200/BA-160	160	40		195	45	Ø27x60	130	2,200
25 28 36	200/BA-200	200	50		240	45	Ø27x60	200	2,480



\* Fornecidos com blindagens anti-fio / Supplied with threadguards / Sont fournies avec pare-fils

ANDAIMES / SCAFFOLDING / ECHAFAUDAGE

									
Código/Code	Ref.	mm	mm	mm	mm	mm	mm	Kg	Kg
23 28 10	200/BST/47-160	160	40		195	45	*Ø47x120	130	2,460
23 28 13	200/BST/47/1-200	200	50		240	45	*Ø47x120	200	2,920













\* Ø int.= 43



23 28 20	200/BST/35-160	160	40		195	45	Ø35x150	130	2,280
23 28 46	200/BST/35/1-200	200	50		240	45	Ø35x150	200	2,600



RODAS ESTRELA / STAR WHEELS / ROUES ÉTOILE

									
Código/Code	Ref.	mm	mm	mm	mm	mm	mm	Kg.	Kg
10 01 42	Roda Estrela - 3x125	125	38	57	22		275	100	2,160
10 01 44	Roda Estrela - 3x160	160	40	66	22		310	130	2,710
10 01 46	Roda Estrela - 3x200	200	50	66	22		387	200	4,000



**BNES**

RODAS EM BORRACHA PRETA, JANTE METÁLICA ZINCADA, COM CUBO LISO

BLACK RUBBER WHEELS, METALLIC RIM COVERED WITH ZINC, WITH PLAIN BEARING

ROUES EN CAOUTCHOUC NOIR, JANTE MÉTALLIQUE ZINGUÉE AVEC MOYEU LISSE



Código/Code	Ref.	mm	mm	mm	mm			Kg	Kg
10 06 35	BNES-160/1	160	45	57	20			180	0,840
10 06 36	BNES-200/1	200	50	57	20			230	1,360

DUREZA - 80 Shore A; HARDNESS - 80 Shore A; DURETÉ - 80 Shore A

**BNEA**

RODAS EM BORRACHA PRETA, JANTE METÁLICA ZINCADA, COM ROLAMENTO DE ROLOS

BLACK RUBBER WHEELS, METALLIC RIM COVERED WITH ZINC, WITH ROLLER BEARING

ROUES EN CAOUTCHOUC NOIR, JANTE MÉTALLIQUE ZINGUÉE AVEC ROULEMENT À ROULEAUX



Código/Code	Ref.	mm	mm	mm	mm			Kg	Kg
10 10 42	BNEA-125	125	38	48	15			100	0,600
10 10 48	BNEA-140	140	38	48	15			110	0,720
10 10 64	BNEA-160/1	160	40	57	20			180	0,900
10 10 58	BNEA-180	180	45	57	20			180	1,140
10 10 65	BNEA-200/1	200	50	57	20			230	1,420

DUREZA - 80 Shore A; HARDNESS - 80 Shore A; DURETÉ - 80 Shore A

**1/B**

RODAS EM BORRACHA PRETA, JANTE METÁLICA ZINCADA, COM ROLAMENTO DE ROLOS




















BLACK RUBBER WHEELS, METALLIC RIM COVERED WITH ZINC, WITH ROLLER BEARING

ROUES EN CAOUTCHOUC NOIR, JANTE MÉTALLIQUE ZINGUÉE AVEC ROULEMENT À ROULEAUX





















Código/Code	Ref.	mm	mm	mm	mm			Kg	Kg
10 09 63	1/B-225	225	55	57	25			250	2,360
10 09 65	1/B-250	250	60	67	25			300	2,900
10 09 71	1/B-280	280	70	75	30			350	4,120

120 F4

										
Código/Code	Ref.	mm	mm		mm	mm	mm	mm	Kg	Kg
26 12 06	120/BES/GF-200	200	50		240	50	135x109	105x80xØ11	230	2,660
25 12 20	P-120/B-125	125	38		154	41	100x80	80x60xØ9	100	1,220
25 12 21	120/B-125	125	38		156	50	135x109	105x80xØ11	100	1,560
25 12 22	120/B-140	140	38		164	50	135x109	105x80xØ11	110	1,660
25 12 23	120/B-160	160	40		200	45	135x109	105x80xØ11	180	2,340
25 12 24	120/B-180	180	45		212	58	135x109	105x80xØ11	180	2,460
25 12 25	120/B-200	200	50		243	50	135x109	105x80xØ11	230	2,720
25 12 27	120/B-250	250	60		298	73	190x170	150x135xØ16	300	6,200
25 12 28	120/B-280	280	70		325	82	190x170	150x135xØ16	350	8,400

















125

										
Código/Code	Ref.	mm	mm		mm	mm	mm	mm	Kg	Kg
25 13 20	P-125/B-125	125	38		154		105x85	80x60xØ9	100	0,800
25 13 21	125/B-125	125	38		156		138x109	105x80xØ11	100	1,240
25 13 22	125/B-140	140	38		164		138x109	105/80xØ11	110	1,360
25 13 23	125/B-160	160	40		200		138x109	105x80xØ11	180	1,980
25 13 24	125/B-180	180	45		212		138x109	105x80xØ11	180	2,140
25 13 25	125/B-200	200	50		243		138x109	105x80xØ11	230	2,440
25 13 27	125/B-250	250	60		298		190x140	150x75xØ16	300	5,100
25 13 28	125/B-280	280	70		325		190x140	150x75xØ16	350	6,600



120/T F4

										
Código/Code	Ref.	mm	mm		mm	mm	mm	mm	Kg	Kg
26 12 17	120/BEST/GF-200	200	50		243	50	135x109	105x80xØ11	230	2,960
25 12 42	120/BT-160	160	40		200	45	135x109	105x80xØ11	180	2,580
25 12 43	120/BT-180	180	45		212	58	135x109	105x80xØ11	180	2,780
25 12 44	120/BT-200	200	50		243	50	135x109	105x80xØ11	230	3,200



2/BS

RODAS EM BORRACHA PRETA, NÚCLEO EM POLIAMIDA COM CUBO LISO

BLACK RUBBER WHEELS, POLYAMIDE CENTRE WITH PLAIN BEARING

ROUES EN CAOUTCHOUC NOIR, CORPS EN POLYAMIDE AVEC MOYEU LISSE



Código/Code	Ref.	mm	mm	mm	mm	mm		Kg	Kg
10 19 21	2/BS-58	58	30	33	6			55	0,080
10 19 24	2/BS-65	65	30	33	6			55	0,100
10 19 33	2/BS-80	80	35	37	12			70	0,200

DUREZA - 80 Shore A; HARDNESS - 80 Shore A; DURETÉ - 80 Shore A

RODÍZIOS SÉRIE 100, 105 / CASTORS SERIES 100,105 / ROULETTES SÉRIE 100,105

100 F4



Código/Code	Ref.	mm	mm	mm	mm	mm	mm	mm	Kg	Kg
25 10 01	100/BS-58	58	30		76	23	79x60	60x40xØ6,5	55	0,280
25 10 02	100/BS-65	65	30		79	28	95x70	75x45xØ8	55	0,380

105















Código/Code	Ref.	mm	mm	mm	mm	mm	mm	mm	Kg	Kg
25 11 01	105/BS-58	58	30		76	95x54	71x24xØ6,5	71x24xØ6,5	55	0,220
25 11 02	105/BS-65	65	30		79	95x54	71x24xØ6,5	71x24xØ6,5	55	0,240

RODAS EM BORRACHA CINZA, NÚCLEO EM MATERIAL TERMOPLÁSTICO COM CUBO LISO

GRAY RUBBER WHEELS, CENTRE IN THERMOPLASTIC MATERIAL WITH PLAIN BEARING

ROUES EN CAOUTCHOUC GRIS, CORPS EN MATIÈRE THERMOPLASTIQUE AVEC MOYEU LISSE

								
Código/Code	Ref.	mm	mm	mm	mm		Kg	Kg
10 76 32	1/BS-80CZ	80	25	37	12		60	0,160
10 76 33	1/BS-100CZ	100	30	37	12		80	0,260
10 76 54	1/BS-160.20CZ	160	40	57	20		130	0,680
10 76 61	1/BS-200.20CZ	200	50	57	20		200	1,360



DUREZA - 80 Shore A; *HARDNESS* - 80 Shore A; DURETÉ - 80 Shore A



## 120 F4



Código/Code	Ref.	mm	mm		mm	mm	mm	mm	mm	Kg	Kg
26 12 01	120/BS-80CZ	80	25		107	31	100x80	80x60xØ9	60	0,660	
26 12 02	120/BS-100CZ	100	30		127	37	100x80	80x60xØ9	80	0,740	
26 12 03	120/BS/GF-200CZ	200	50		243	50	135x109	105x80xØ11	200	2,620	

## 125



Código/Code	Ref.	mm	mm		mm	mm	mm	mm	Kg	Kg
25 13 01	125/BS-80CZ	80	25		107	105x85	80x60xØ9	60	0,460	
25 13 02	125/BS-100CZ	100	30		127	105x85	80x60xØ9	80	0,540	
25 13 04	125/BS-200CZ	200	50		243	138x109	105x80xØ11	200	2,400	

## 120/T F4



Código/Code	Ref.	mm	mm		mm	mm	mm	mm	mm	Kg	Kg
26 16 03	120/BST-80CZ	80	25		107	31	100x80	80x60xØ9	60	0,740	
26 16 04	120/BST-100CZ	100	30		127	37	100x80	80x60xØ9	80	0,860	

## 120 F1

















Código/Code	Ref.	mm	mm		mm	mm	mm	mm	mm	Kg	Kg
25 16 06	120/BS-80CZ	80	25		107	31	12	60	0,560		
25 16 07	120/BS-100CZ	100	30		127	37	12	80	0,680		

## 120/T F1

















Código/Code	Ref.	mm	mm		mm	mm	mm	mm	mm	Kg	Kg
26 16 07	120/BST-80CZ	80	25		107	31	12	60	0,640		
26 16 08	120/BST-100CZ	100	30		127	37	12	80	0,760		

## 118 F4 INOX

										
Código/Code	Ref.	mm	mm		mm	mm	mm	mm	Kg	Kg
27 20 12	118/BS-80CZ F4/1	80	25		107	31	100x80	80x60xØ9	60	0,600
27 20 13	118/BS-100CZ F4/1	100	30		127	37	100x80	80x60xØ9	80	0,740
27 18 59	118/BS-160CZ F4	160	40		199	56	140x110	105x80xØ11	130	1,920
27 18 60	118/BS-200CZ F4	200	50		240	56	140x110	105x80xØ11	200	2,680















## 119 INOX

										
Código/Code	Ref.	mm	mm		mm	mm	mm	mm	Kg	Kg
27 22 06	119/BS-80/1CZ	80	25		107	105x85	80x60xØ9	60	0,480	
27 22 07	119/BS-100/1CZ	100	30		127	105x85	80x60xØ9	80	0,620	
27 19 50	119/BS-160CZ	160	40		199	140x110	105x80xØ11	130	1,600	
27 19 51	119/BS-200CZ	200	50		240	140x110	105x80xØ11	200	2,620	



## 118/T F4 INOX















										
Código/Code	Ref.	mm	mm		mm	mm	mm	mm	Kg	Kg
27 20 17	118/BST-80CZ F4/1	80	25		107	31	100x80	80x60xØ9	60	0,760
27 20 18	118/BST-100CZ F4/1	100	30		127	37	100x80	80x60xØ9	80	0,880



27 18 64	118/BST-160CZ F4	160	40		199	56	140x110	105x80xØ11	130	2,200
27 18 65	118/BST-200CZ F4	200	50		240	56	140x110	105x80xØ11	200	2,960















## 118 F1 INOX

										
Código/Code	Ref.	mm	mm		mm	mm	mm	mm	Kg	Kg
27 20 22	118/BS-80CZ F1/1	80	25		107	31	12	60	0,500	
27 20 23	118/BS-100CZ F1/1	100	30		127	37	12	80	0,600	
27 20 25	118/BS-160CZ F1	160	40		193	56	20	130	1,780	
27 20 26	118/BS-200CZ F1	200	50		236	56	20	200	2,560	



## 118/T F1 INOX

										
Código/Code	Ref.	mm	mm		mm	mm	mm	mm	Kg	Kg
27 20 27	118/BST-80CZ F1/1	80	25		107	31	12	60	0,620	
27 20 28	118/BST-100CZ F1/1	100	30		127	37	12	80	0,740	











**BVFA**

RODAS EM BORRACHA VULCANIZADA, NÚCLEO EM FERRO FUNDIDO, COM ROLAMENTO DE ROLOS

VULCANIZED RUBBER WHEELS, CAST IRON CENTRE, WITH ROLLER BEARING

ROUES EN CAOUTCHOUC VULCANISÉ, CORPS EN FONTE, AVEC ROULEMENT À ROULEAUX

									
Código/Code	Ref.	mm	mm	mm	mm	mm	mm	Kg	Kg
10 22 36	BVFA-100	100	35	37	12			150	0,660
10 22 42	BVFA-125	125	40	48	15			200	1,260
10 22 51	BVFA-150	150	45	54	20			350	1,980
10 22 60	BVFA-200	200	50	57	20			500	3,840
10 22 65	BVFA-250	250	50	57	20			600	5,080

DUREZA - 80 Shore A; *HARDNESS* - 80 Shore A; DURETÉ - 80 Shore A











**3/B**

RODAS EM BORRACHA VULCANIZADA, NÚCLEO EM FERRO FUNDIDO, COM ROLAMENTO DE ESFERAS

VULCANIZED RUBBER WHEELS, CAST IRON CENTRE, WITH BALL BEARING

ROUES EN CAOUTCHOUC VULCANISÉ, CORPS EN FONTE, AVEC ROULEMENT À BILLES

										
Código/Code	Ref.	mm	mm	mm	mm	mm	mm	Kg	Kg	
10 23 54	3/B-160	160	75	75	25			6205-ZZ	500	4,500
10 23 60	3/B-200	200	75	75	25			6205-ZZ	600	6,400
10 23 65	3/B-250	250	75	75	25			6205-ZZ	700	8,600
10 23 73	3/B-300	300	75	75	30			6206-ZZ	800	11,380

DUREZA - 80 Shore A; *HARDNESS* - 80 Shore A; DURETÉ - 80 Shore A











**5/BE**

RODAS EM BORRACHA ELÁSTICA, NÚCLEO EM FERRO FUNDIDO, COM ROLAMENTO DE ESFERAS

ELASTIC RUBBER WHEELS, CAST IRON CENTRE, WITH BALL BEARING

ROUES EN CAOUTCHOUC ÉLASTIQUE, CORPS EN FONTE, AVEC ROULEMENT À BILLES

										
Código/Code	Ref.	mm	mm	mm	mm	mm	mm	Kg	Kg	
10 24 60	5/BE-200	200	60	80	25			6205-ZZ	500	4,520
10 24 65	5/BE-250	250	60	80	30			6206-ZZ	600	7,020
10 24 73	5/BE-300	300	75	80	35			6207-ZZ	800	10,920
10 24 83	5/BE-360	360	75	80	35			6207-ZZ	1000	13,820

DUREZA - 70 Shore A; *HARDNESS* - 70 Shore A; DURETÉ - 70 Shore A



## 120 F4



Código/Code	Ref.	mm		mm		mm		mm		Kg	Kg
		mm	mm	mm	mm	mm	mm	Kg	Kg		
26 12 61	120/BV-150	150	45	195	45	135x109	105x80xØ11	250	2,300		
26 12 62	120/BV-200	200	50	243	50	135x109	105x80xØ11	300	5,280		

## 125



Código/Code	Ref.	mm		mm		mm		mm		Kg	Kg
		mm	mm	mm	mm	mm	mm	Kg	Kg		
26 13 61	125/BV-150	150	45	195	45	138x109	105x80xØ11	250	3,020		
26 13 62	125/BV-200	200	50	243	50	138x109	105x80xØ11	300	5,040		

## 132 F4



Código/Code	Ref.	mm		mm		mm		mm		Kg	Kg
		mm	mm	mm	mm	mm	mm	Kg	Kg		
25 32 01	132/BV-100	100	35	128	43	100x80	80x60xØ9	150	1,270		
25 32 03	P-132/BV-125	125	40	155	43	100x80	80x60xØ9	200	1,940		
25 32 04	132/BV-150	150	45	193	46	138x110	105x80xØ11	350	3,700		
25 32 05	132/BV-200	200	50	237	60	138x110	105x80xØ11	500	5,700		

## 133



Código/Code	Ref.	mm		mm		mm		mm		Kg	Kg
		mm	mm	mm	mm	mm	mm	Kg	Kg		
25 33 01	133/BV-100	100	35	128	43	105x85	80x60xØ9	150	1,040		
25 33 05	P-133/BV-125	125	40	155	43	105x85	80x60xØ9	200	1,720		
25 33 03	133/BV-150	150	45	193	46	138x118	105x80xØ11	350	3,120		
25 33 04	133/BV-200	200	50	237	60	138x118	105x80xØ11	500	5,050		















## 132/T F4



Código/Code	Ref.	mm		mm		mm		mm		Kg	Kg
		mm	mm	mm	mm	mm	mm	Kg	Kg		
25 32 50	132/BVT-100	100	35	128	38	100x80	80x60xØ9	150	1,420		
25 32 51	P-132/BVT-125	125	40	155	45	100x80	80x60xØ9	200	2,220		
25 32 52	132/BVT-150	150	45	193	46	138x110	105x80xØ11	350	4,060		
25 32 53	132/BVT-200	200	50	237	60	138x110	105x80xØ11	500	6,010		















**RODÍZIOS SÉRIE 128, 129 / CASTORS SERIES 128,129 / ROULETTES SÉRIE 128,129**

**128 F4**

										
Código/Code	Ref.	mm	mm		mm	mm	mm	mm	Kg	Kg
25 46 01	128/BV-100	100	35		140	37	97x80	75x55xØ10	150	2,180
25 46 02	128/BV-125	125	40		160	50	136x120	108x78xØ11	200	4,320
25 46 03	128/BV-150	150	45		190	50	136x120	108x78xØ11	350	5,260
25 46 04	128/BV-200	200	50		240	60	136x120	108x78xØ11	500	7,200
















**129**

										
Código/Code	Ref.	mm	mm		mm	mm	mm	mm	Kg	Kg
25 47 01	129/BV-100	100	35		140	97x80	75x55xØ10	150	1,720	
25 47 02	129/BV-125	125	40		160	136x120	108x78xØ11	200	3,420	
25 47 03	129/BV-150	150	45		190	136x120	108x78xØ11	350	4,460	
25 47 04	129/BV-200	200	50		240	136x120	108x78xØ11	500	6,380	
















**RODÍZIOS SÉRIE 135, 137 / CASTORS SERIES 135,137 / ROULETTES SÉRIE 135,137**

**135 F4**

										
Código/Code	Ref.	mm	mm		mm	mm	mm	mm	Kg	Kg
25 56 03	135/BV-150	150	45		245	35	160x120	125x85xØ15	350	6,880
25 56 04	135/BV-200	200	50		295	47	160x120	125x85xØ15	500	9,020
25 56 05	135/BV-250	250	50		345	60	160x120	125x85xØ15	600	10,500

















**137**

										
Código/Code	Ref.	mm	mm		mm	mm	mm	mm	Kg	Kg
25 57 03	137/BV-150	150	45		245	160x120	125x85xØ15	350	5,620	
25 57 04	137/BV-200	200	50		295	160x120	125x85xØ15	500	7,740	
25 57 05	137/BV-250	250	50		345	160x120	125x85xØ15	600	9,300	

















## 130 F4



											
Código/Code	Ref.	mm	mm		mm	mm	mm	mm	mm	Kg	Kg
25 50 03	130/B-160	160	75		220	62	190x170	150x135xØ15	500	11,900	
25 50 04	130/B-200	200	75		260	62	190x170	150x135xØ15	600	13,800	
25 50 05	130/B-250	250	75		310	62	190x170	150x135xØ15	700	16,080	
25 50 06	130/B-300	300	75		370	62	190x170	150x135xØ15	800	19,820	















## 131



											
Código/Code	Ref.	mm	mm		mm	mm	mm	mm	mm	Kg	Kg
25 51 03	131/B-160	160	75		220	62	190x170	150x135xØ15	500	10,300	
25 51 04	131/B-200	200	75		260	62	190x170	150x135xØ15	600	11,940	
25 51 05	131/B-250	250	75		310	62	190x170	150x135xØ15	700	14,260	
25 51 06	131/B-300	300	75		370	62	190x170	150x135xØ15	800	17,640	

## 130/ GF














											
Código/Code	Ref.	mm	mm		mm	mm	mm	mm	mm	Kg	Kg
25 52 03	130/B-GF-160	160	75		220	62	190x170	150x135xØ15	500	12,300	
25 52 04	130/B-GF-200	200	75		260	62	190x170	150x135xØ15	600	14,430	
25 52 05	130/B-GF-250	250	75		310	62	190x170	150x135xØ15	700	16,540	
25 52 06	130/B-GF-300	300	75		370	62	190x170	150x135xØ15	800	19,000	

**BIPS**

RODAS EM BORRACHA INJECTADA, COR CINZA, NÚCLEO EM MATERIAL TERMOPLÁSTICO, COM CUBO LISO

INJECTION MOULDED RUBBER WHEELS, COLOUR GREY, CENTRE IN THERMOPLASTIC MATERIAL, WITH PLAIN BEARING




ROUES EN CAOUTCHOUC INJECTÉ, COULEUR GRISE, CORPS EN MATIÈRE THERMOPLASTIQUE, AVEC MOYEU LISSE

								
Código/Code	Ref.	mm	mm	mm	mm		Kg	Kg
10 25 41	BIPS-32	32	15	17	5		12	0,010
10 25 43	BIPS-41	41	19	21	5		25	0,018
10 25 39	BIPS-50.08	50	19	21	8		45	0,022

DUREZA - 85 Shore A; *HARDNESS* - 85 Shore A; DURETÉ - 85 Shore A

10 25 40	BIPS-50	50	21	23	5		45	0,026
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DUREZA - 85 Shore A; *HARDNESS* - 85 Shore A; DURETÉ - 85 Shore A

10 25 44	BIPS-75	75	23	27	8		60	0,060
10 25 45	BIPS-100	100	32	36	12		80	0,160
10 25 46	BIPS-125	125	32	36	12		100	0,200

DUREZA - 85 Shore A; *HARDNESS* - 85 Shore A; DURETÉ - 85 Shore A












**BNNS**

RODAS EM BORRACHA VULCANIZADA, COR CINZA, NÚCLEO EM POLIAMIDA, COM CUBO LISO

VULCANIZED RUBBER WHEELS, COLOUR GREY, POLYAMID CENTRE WITH PLAIN BEARING

ROUES EN CAOUTCHOUC VULCANISÉ, COULEUR GRISE, CORPS EN POLYAMIDE, AVEC MOYEU LISSE

								
Código/Code	Ref.	mm	mm	mm	mm		Kg	Kg
10 13 36	BNNS-100	100	25	27	8		60	0,200

DUREZA - 80 Shore A; *HARDNESS* - 80 Shore A; DURETÉ - 80 Shore A












**BNNA**

RODAS EM BORRACHA VULCANIZADA, COR CINZA, NÚCLEO EM POLIAMIDA, COM ROLAMENTO DE ROLOS

VULCANIZED RUBBER WHEELS, COLOUR GREY, POLYAMID CENTRE WITH ROLLER BEARING












ROUES EN CAOUTCHOUC VULCANISÉ, COULEUR GRISE, CORPS EN POLYAMIDE, AVEC ROULEMENT À ROULEAUX

								
Código/Code	Ref.	mm	mm	mm	mm		Kg	Kg
10 14 51	BNNA-150	150	32	36	12		80	0,580

DUREZA - 80 Shore A; *HARDNESS* - 80 Shore A; DURETÉ - 80 Shore A














30 F4

										
Código/Code	Ref.	mm	mm		mm	mm	mm	mm	Kg	Kg
15 30 12	30/BS-100 F4	100	25		127	37	57x57	43x43xØ6.5	60	0,500














30/T F4

										
Código/Code	Ref.	mm	mm		mm	mm	mm	mm	Kg	Kg
15 30 31	30/BST-100 F4	100	25		127	37	57x57	43x43xØ6.5	60	0,520














30 F1

										
Código/Code	Ref.	mm	mm		mm	mm			Kg	Kg
15 30 04	30/BS-100 F1	100	25		122	37	10		60	0,440



30/T F1











										
Código/Code	Ref.	mm	mm		mm	mm			Kg	Kg
15 30 25	30/BST-100 F1	100	25		122	37	10		60	0,460















### 30 F2



										
Código/Code	Ref.	mm	mm		mm	mm	mm	mm	Kg	Kg
15 30 08	30/BS-100 F2	100	25		122	40	M10x14	60	0,460	











### 30/T F2



										
Código/Code	Ref.	mm	mm		mm	mm	mm	mm	Kg	Kg
15 30 28	30/BST-100 F2	100	25		122	40	M10x14	60	0,480	

### 30 F5













										
Código/Code	Ref.	mm	mm		mm	mm	mm	mm	Kg	Kg
15 30 16	30/BS-100 F5	100	25		128	40	*Ø10.5x28	60	0,480	

\* Casquilhos para F5 ver Pág. 87 / Bushes for F5 see page 87 / Douilles pour F5 voir page 87











### 30/T F5



										
Código/Code	Ref.	mm	mm		mm	mm	mm	mm	Kg	Kg
15 30 34	30/BST-100 F5	100	25		128	40	*Ø10.5x28	60	0,500	











\* Casquilhos para F5 ver Pág. 87 / Bushes for F5 see page 87 / Douilles pour F5 voir page 87

30 F9

									
Código/Code	Ref.	mm	mm		mm	mm	mm	Kg	Kg
15 30 22	30/BS-100 F9	100	25		131	40	*Ø19x47	60	0,560



30/T F9

									
Código/Code	Ref.	mm	mm		mm	mm	mm	Kg	Kg
15 30 39	30/BST-100 F9	100	25		131	40	*Ø19x47	60	0,580



\* Casquilhos para F5 ver Pág. 87 / Bushes for F5 see page 87 / Douilles pour F5 voir page 87

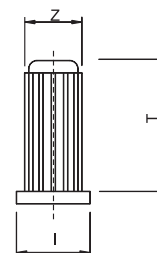
CASQUILHOS / BUSHES / DOUILLES CNR

CASQUILHOS EM POLIAMIDA PARA RODÍZIOS COM FIXAÇÃO "5"

POLYAMIDE BUSHING FOR CASTORS WITH FIXATION "5"

DOUILLES EN POLYAMIDE POUR ROULETTES AVEC FIXATION "5"

Código/Code	Ref.	Z mm	I mm	T mm
47 13 01	CNR - 14.10	Ø14	Ø17	31
47 13 02	CNR - 17.10	Ø17	Ø19	31
47 13 03	CNR - 20.10	Ø20	Ø23	31
47 13 04	CNR - 23.10	Ø23	Ø26	31



RODAS EM BORRACHA / RUBBER WHEELS / ROUES EN CAOUTCHOUC



Código/Code	Ref.	mm	mm		mm	mm	mm	mm	Kg	Kg
23 28 10	200/BST/47-160	160	40		195	45	*Ø47x120	130	2,460	
23 28 13	200/BST/47/1-200	200	50		240	45	*Ø47x120	200	2,920	

\* Ø int.= 43



23 28 20	200/BST/35-160	160	40		195	45	Ø35x150	130	2,280
23 28 46	200/BST/35/1-200	200	50		240	45	Ø35x150	200	2,600

RODAS EM POLIAMIDA / POLYAMIDE WHEELS / ROUES EN POLYAMIDE



Código/Code	Ref.	mm	mm		mm	mm	mm	mm	Kg	Kg
23 28 41	200/NST/55-200x50	200	50		230	60	*Ø55x120	600	2,940	

\* Ø int.= 51

RODAS EM BORRACHA / RUBBER WHEELS / ROUES EN CAOUTCHOUC



Código/Code	Ref.	mm	mm		mm	mm	mm	mm	Kg	Kg
19 58 98	300/BIST/35-125	125	32		188	45	Ø35x110	100	1,000	

## BNPE

RODAS EM BORRACHA CINZA, NÚCLEO EM MATERIAL TERMOPLÁSTICO COM ROLAMENTOS DE ESFERAS

GREY RUBBER WHEELS, CENTRE IN THERMOPLASTIC MATERIAL WITH BALL BEARING

ROUES EM CAOUTCHOUC GRIS, CORPS EN MATIÈRE THERMOPLASTIQUE AVEC ROULEMENT À BILLES



Código/Code	Ref.	mm	mm	mm	mm	mm	mm	Kg	Kg
10 16 60	BNPE-200	200	28	61	8	6001-ZZ	70	0,740	

DUREZA - 80 Shore A; *HARDNESS - 80 Shore A*; DURETÉ - 80 Shore A

## PNPE

RODAS PNEUMÁTICAS, NÚCLEO EM MATERIAL TERMOPLÁSTICO COM ROLAMENTOS DE ESFERAS

PNEUMATIC WHEELS, CENTRE IN THERMOPLASTIC MATERIAL WITH BALL BEARING

ROUES PNEUMATIQUES, CORPS EN MATIÈRE THERMOPLASTIQUE AVEC ROULEMENT À BILLES



Código/Code	Ref.	mm	mm	mm	mm	mm	mm	bar	Kg	Kg	
10 33 63	PNPE-200/1	200	50	60	8	6001-Z	200x50	2	2	75	0,510

## PNNE

RODAS PNEUMÁTICAS, NÚCLEO EM MATERIAL TERMOPLÁSTICO COM ROLAMENTOS DE ESFERAS

PNEUMATIC WHEELS, CENTRE IN THERMOPLASTIC MATERIAL WITH BALL BEARING

ROUES PNEUMATIQUES, CORPS EN MATIÈRE THERMOPLASTIQUE AVEC ROULEMENT À BILLES



Código/Code	Ref.	mm	mm	mm	mm	mm	mm	bar	Kg	Kg	
10 32 95	PNNE-615	615	32	60	12	6201-Z	24x1 3/8	2	2,5	70	2,500

## 44



Código/Code	Ref.	mm	mm	mm	mm	mm	mm	Bar	Kg	Kg	
19 61 02	44/BNPE-200	200	28			235	43	M12x28	-	70	1,020

19 61 03	44/PNPE-200/1	200	50			235	43	M12x28	2	75	0,820
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**BNES/LN**

RODAS EM BORRACHA PRETA, JANTE METÁLICA ZINCADA, CUBO LISO EM POLIAMIDA

BLACK RUBBER WHEELS, METALLIC RIM COVERED WITH ZINC, HUB ON POLYAMIDE

ROUES EN CAOUTCHOUC NOIR, JANTE MÉTALLIQUE ZINGUÉE, MOYEU LISSE EN POLYAMIDE

Código/Code	Ref.	mm	mm	mm	mm		Kg	Kg
10 06 80	BNES/LN-350	350	65	70	30		300	4,940
10 06 85	BNES/LN-370	370	75	70	30		300	6,120
10 06 91	BNES/LN-400	400	90	70	30		300	8,260

DUREZA - 80 Shore A; *HARDNESS* - 80 Shore A; DURETÉ - 80 Shore A



**BNES/L**

RODAS EM BORRACHA PRETA, JANTE METÁLICA COM EIXO  
ACABAMENTO SUPERFICIAL DA JANTE - PINTADO

BLACK RUBBER WHEELS, METALLIC RIM WITH AXLE  
RIM SUPERFICIAL FINISHING - PAINTED

ROUES EN CAOUTCHOUC NOIR, JANTE MÉTALLIQUE AVEC ESSIEU  
FINITION SUPERFICIELLE DE LA JANTE - PEINT

Código/Code	Ref.	mm	mm	mm	mm		Kg	Kg
10 08 73	BNES/L-300	300	60	210	20		100	3,640
10 08 85	BNES/L-370	370	75	210	20		150	6,620

DUREZA - 80 Shore A; *HARDNESS* - 80 Shore A; DURETÉ - 80 Shore A



**BNES/F**

RODAS EM BORRACHA PRETA, JANTE METÁLICA COM CUBO LISO

BLACK RUBBER WHEELS, METALLIC RIM WITH PLAIN BEARING

ROUES EN CAOUTCHOUC NOIR, JANTE MÉTALLIQUE AVEC MOYEU LISSE

Código/Code	Ref.	mm	mm	mm	mm		Kg	Kg
10 07 65	BNES/F-250	250	46	58	21		50	1,640
10 07 76	BNES/F-310	310	60	62	24		60	2,980

DUREZA - 80 Shore A; *HARDNESS* - 80 Shore A; DURETÉ - 80 Shore A



## 4/B-RE

RODAS EM BORRACHA PRETA, JANTE METÁLICA ZINCADA COM ROLAMENTO DE ESFERAS

BLACK RUBBER WHEELS, METALLIC RIM COVERED WITH ZINC WITH BALL BEARING

ROUES EN CAOUTCHOUC NOIR, JANTE MÉTALLIQUE ZINGUÉE AVEC ROULEMENT À BILLES



Código/Code	Ref.	mm	mm	mm	mm	mm	mm	Kg	Kg
10 12 68	4/B-RE-260	260	75	75	20	6004-ZZ	350	4,140	
10 12 83	4/B-RE-360	360	67	75	25	6005-ZZ	400	6,120	

DUREZA - 80 Shore A; *HARDNESS* - 80 Shore A; DURETÉ - 80 Shore A

## BNPS

RODAS EM BORRACHA PRETA, NÚCLEO EM MATERIAL TERMOPLÁSTICO COM CUBO LISO, DESCENTRADO

BLACK RUBBER WHEELS, CENTRE IN THERMOPLASTIC MATERIAL WITH OFFSET HUB, PLAIN BEARING

ROUES EN CAOUTCHOUC NOIR, CORPS EN MATIÈRE THERMOPLASTIQUE AVEC MOYEU EN DÉPORT ET LISSE



Código/Code	Ref.	mm	mm	mm	mm	mm	mm	Kg	Kg
10 18 65	BNPS-250.25	250	58	75	25	70		150	1,720
10 18 73	BNPS-300.25	300	58	75	25	70		150	2,980

DUREZA - 80 Shore A; *HARDNESS* - 80 Shore A; DURETÉ - 80 Shore A

RODAS EM BORRACHA PRETA, NÚCLEO EM MATERIAL TERMOPLÁSTICO  
CUBO LISO DESCENTRADO COM PINO DE SEGURANÇA

BLACK RUBBER WHEELS, CENTRE IN THERMOPLASTIC MATERIAL  
PLAIN BEARING, OFFSET HUB AND SAFETY AXLE FITTING

CONTENTORES DE LIXO  
DUST-BIN  
ORDURIERS

ROUES EN CAOUTCHOUC NOIR, CORPS EN MATIÈRE THERMOPLASTIQUE  
MOYEU LISSE EN DÉPORT ET FIXATION DE SÉCURITÉ



Código/Code	Ref.	mm	mm	mm	mm	mm	mm	Kg	Kg
10 18 54	BNPS-160.22	160	40	100	22	97		130	1,020
10 18 57	BNPS-180.22	180	45	100	22	97		170	0,788
10 18 60	BNPS-200.22	200	50	100	22	97		200	1,020
10 18 66	BNPS-250.22	250	40	100	22	100		200	1,240
10 18 62	BNPS-300.22	300	50	100	22	97		200	3,080

DUREZA - 80 Shore A; *HARDNESS* - 80 Shore A; DURETÉ - 80 Shore A