



CATÁLOGO DE
RODAS E RODÍZIOS
2017



ROD-CAR®
Desde 1966

Fundada em 1º de junho de 1966, a Rod-Car é hoje uma das principais empresas de movimentação e armazenagem de materiais no País.

Com origem na fabricação de rodas e rodízios e também os então chamados “carros industriais” na metade da década de 60, a empresa começou suas atividades em um modesto armazém no Bairro do Brás em São Paulo.

A Rod-Car não parou por aí, buscou novos desafios e mercados. A empresa começou a produzir equipamentos para a hotelaria internacional que chegara ao país no início da década de 70, como a rede Hilton, por exemplo. Sempre atenta a novas oportunidades de mercado surgiu na década de 70 uma grande oportunidade na fabricação de carrinhos para os supermercados. Com a expertise na fabricação de rodízios e diversos tipos de carrinhos, logo, esta nova divisão conquistou a liderança no setor supermercadista.

O país já pensava em modernizar suas indústrias e nos anos 80, a necessidade de estocagem de materiais e melhoria no fluxo de produção pedia um novo produto, os containers aramados desmontáveis e empilháveis. A empresa já dominava a manufatura de produtos em arame e uma nova divisão surgira, a de armazenagem e logística. Para completar suas linhas, a Rod-Car foi grande importadora de produtos das marcas Rubbermaid e Metro para o Brasil e Mercosul.

Sua mais nova divisão é a de prateleiras aramadas, um moderno sistema de quatro postes, onde se pode compor quantas prateleiras necessitar.

Localizada hoje no Parque Industrial de Cumbica em Guarulhos / SP. e com uma área de 30.000m², a empresa conta com um maquinário de ponta para atender todas as suas necessidades de produção. Uma empresa com seis divisões distintas de produtos e com diversos mercados de atuação.

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Série Especial

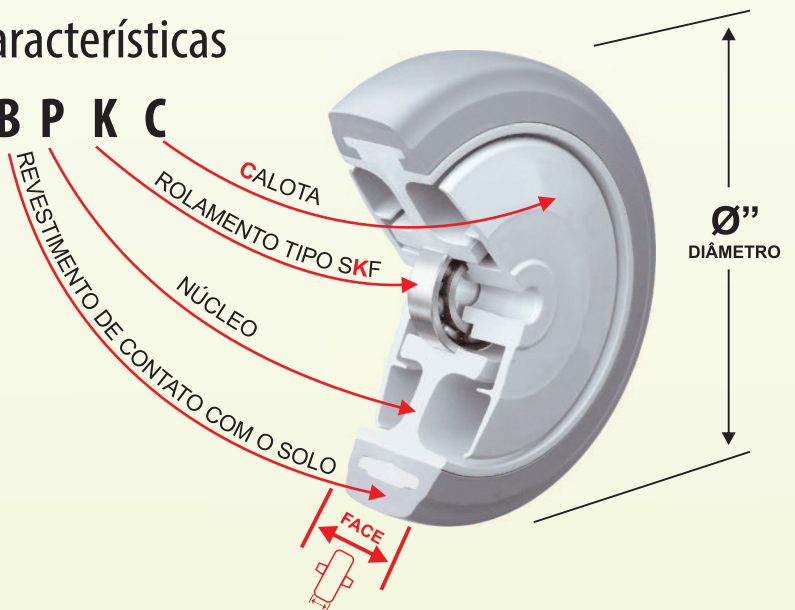
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NOMENCLATURA SUA COMPOSIÇÃO E ABREVIATURAS

MEDIDAS \varnothing " x  + Características

RODA = R - 6" x 1" + 1/2" - B P K C
Série 14

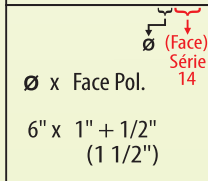





EX.: R - 6 14 - B P K C
Ø Série 14



B - Borracha ou Resina Termoplástica
 P - Polipropileno
 K - Rolamento tipo SKF
 C - Calota Complemento

PREFIXO DO RODÍZIO + CARACTERÍSTICAS DA RODA

G L R 614 B P K C

TIPO	LINHA	SISTEMA GIRATÓRIO	MEDIDA = 614	SUFIXO = BPKC
G Giratório GD Giratório Duplo F Fixo FD Fixo Duplo	LR - Leve Reforçada (Institucional ou Industrial) RR - Rosca HR - Expansivo (Hospitalar) IR - Intermediária Reforçada MR - Média Reforçada MPA - Meio Pesada Axial PA - Pesada Axial PAE - Pesada Axial Extra PAM - Pesada Axial com Mola DPA - Duplo Pesada Axial DPAE - Duplo Pesada Axial Extra	R - Reforçado 2 pistas de esferas A - Axial Complemento OA - Freio Antigo ON - Freio Nariz OT - Freio Trava OS - Freio Sapata OP - Freio Pedal TD - Trava Direcional X - Garfos em Inox	MEDIDA = 614  Ø x Face Pol. 6" x 1" + 1/2" (1 1/2")	1ª (B) - REVESTIMENTO 2ª (P) - NÚCLEO 3ª (K) - TIPO DE ROLAMENTO 4ª (C) - CALOTA REVESTIMENTOS B - BORRACHA OU RESINA TERMOPLÁSTICA - CINZA S - SOFT (MACIA) - CINZA CLARA T - BORRACHA TERMOPLÁSTICA - AZUL U - POLIURETANO - LARANJA / AZUL N - NYLON - BRANCO P - POLIPROPILENO - PRETO C - CELERON - MARRON F - FERRO FUNDIDO - PRETO PN - PNEUMÁTICO A - ALUMÍNIO NÚCLEO / MATERIAL A - ALUMÍNIO C - CELERON D - DESMONTÁVEL E - ESTAMPADO F - FERRO FUNDIDO N - NYLON P - POLIPROPILENO
 GDPAE 124UFK	 GDPA83CK	 GMR62BPK	 GRRON412BPK	 GRR512AUKC
TIPOS DE MANCAIS / ROLAMENTOS - - FURO PASSANTE <input type="checkbox"/> N - BUCHA DE NYLON GRAFITADO <input checked="" type="checkbox"/> NC - 4 BUCHAS ORBITAIS DE NYLON GRAFITADO COM CALOTA <input checked="" type="checkbox"/> L - ROLETE <input type="checkbox"/> KC - ROLAMENTO TIPO "SKF" COM CALOTA <input checked="" type="checkbox"/> K - ROLAMENTO TIPO "SKF" <input checked="" type="checkbox"/>				
CALOTAS C - CLARAS (Platinum e Precision) ESCURA (Gray e Perfecta)				

(*) Quando não houver sigla alguma representando o tipo de mancal trata-se de furo passante.
 Ex. GLR 312 BP

PADRÃO DE SIMBOLOGIAS E CORES



	Altura Total		Material da Roda		Buchas de Nylon		Tamanho da Placa
	Raio de Saída		Diâmetro da Roda		Rolamento de Rolete		Furação da Placa
	Face da Roda		Rolamentos "tipo SKF"		2 Rolamentos "tipo SKF"		Furo Passante
	Cubo da Roda		Ø do Furo da Placa		Medida do Eixo		Buchas "orbitais" de Nylon grafitado
	Rodízio Giratório		Rodízio Fixo		Tipo de Rolamento		Carga

	Borracha Injetada		Borracha Moldada		Borr. Termoplástica Injetada		Borr. Soft Injetada		Poliuretano Injetado		Poliuretano Moldado
	Nylon Injetado		Nylon Inj. Integral / Gel		Polipropileno Injetado / BIN		Celeron		Ferro Fundido		Inox

ESCOLHENDO O RODÍZIO

Comece pela "carga máxima". Carga máxima = tara + carga. Como todo equipamento de 04 rodas normalmente trabalha sobre 03 pontos, devemos adotar: Carga por rodízio = CARGA MÁXIMA / 3. Por menores que sejam os impactos, tais como:

- Vencer pequenas saliências;
- Rodas com diâmetros maiores.

Carga por rodízio = CARGA MÁXIMA / 2

Considerar margem de segurança como:

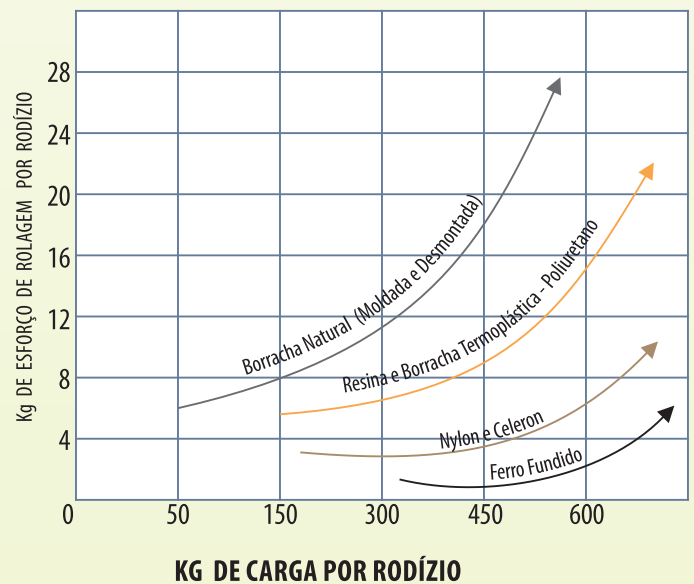
carrinho de 4 rodas dividir a carga por 2

- Considere as temperaturas e escolha o revestimento.

Temperaturas mínimas mencionadas somente quando não houver impactos.

- Sempre que as temperaturas variarem abaixo de 5°C ou acima de 82°C consultar pois necessita-se de lubrificantes especiais.

GRÁFICO DE ESFORÇO DE ROLAGEM



Esforço de Rolagem é a força necessária para puxar /empurrar uma determinada carga numa velocidade constante de 4km/h. É calculada para pisos ásperos de concreto regulares e lisos para rodas de borracha natural. Em pisos ásperos, multiplique o esforço por 5, no mínimo.

Esforço Inicial é aquele para iniciar o movimento de um rodízio, é de aproximadamente 15% acima de esforço de rolagem. Um esforço de rolagem de 10 a 15 kgs por rodízio e considerado ÓTIMO para os serviços contínuos.

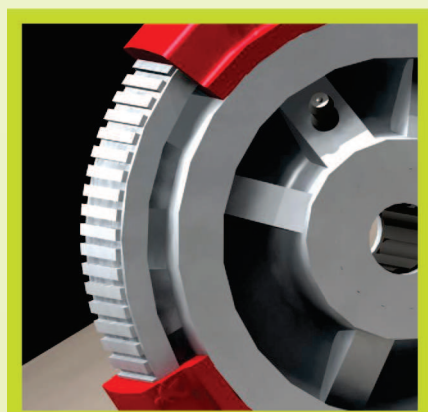


ATENÇÃO

MAIORES INIMIGOS DO SEU RODÍZIO

- ✓ Pisos Irregulares
- ✓ Sobre-carga
- ✓ Condições adversas ou especificações erradas
- ✓ Falta de Lubrificação
- ✓ Montagem errada
- ✓ Ácidos solventes

SISTEMA TECNI-ROD® TECNOLOGIA PATENTEADA



Pioneira no Brasil em Rodas Injetadas

DUPLA ADERÊNCIA MOLECULAR + MECÂNICA

A Rod-Car desenvolveu com exclusividade um sistema que amplia consideravelmente a aderência entre revestimento e núcleo da roda. O sistema patenteado TECNI-ROD®, proporciona um travamento mecânico que garante total amarração entre as partes, até mesmo entre materiais de pouca aderência molecular.

www.rodcar.com.br

OBSERVAÇÕES

A Rod-Car reserva-se o direito de modificar as medidas e especificações de seus produtos sem aviso prévio. As medidas que constam nesse catálogo são nominais. A variação a menor pode ocorrer apenas na largura da face da roda em função da natureza dos materiais.

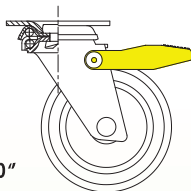
SÉRIE 10 - LINHAS -LR/RR/HR - CARGAS DE ATÉ 80 kg



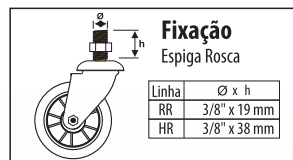
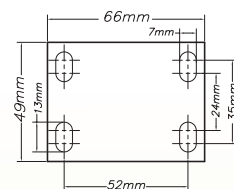
REVESTIMENTO DA RODA	REFERÊNCIA	LR		RR		HR		kg	mm	mm	mm	mm	mm	mm		
BORRACHA	R 210 BP	GLR 210 BP	FLR 210 BP	GRR 210 BP	FRR 210 BP	GHR 210 BP	FHR 210 BP	45	70	49	2" 50mm	3/4"	□	1/4"	1/4"	28
	R 310 BP	GLR 310 BP	FLR 310 BP	GRR 310 BP	FRR 310 BP	GHR 310 BP	FHR 310 BP	60	100	64	3" 75mm	3/4"	□	1/4"		
GEL	R 210 GEL	GLR 210 GEL	FLR 210 GEL	GRR 210 GEL	FRR 210 GEL	-	-	30	70	49	2" 50mm	3/4"	□	1/4"	1/4"	28
BORRACHA TERMOPLÁSTICA	R 210 TP	GLR 210 TP	FLR 210 TP	GRR 210 TP	FRR 210 TP	GHR 210 TP	FHR 210 TP	45	70	49	2" 50mm	3/4"	□	1/4"	1/4"	28
	R 310 TP	GLR 310 TP	FLR 310 TP	GRR 310 TP	FRR 310 TP	GHR 310 TP	FHR 310 TP	60	100	64	3" 75mm	3/4"	□	1/4"		
BORRACHA SOFT	R 210 SP	GLR 210 SP	FLR 210 SP	GRR 210 SP	FRR 210 SP	GHR 210 SP	FHR 210 SP	45	70	49	2" 50mm	3/4"	□	1/4"	1/4"	28
	R 310 SP	GLR 310 SP	FLR 310 SP	GRR 310 SP	FRR 310 SP	GHR 310 SP	FHR 310 SP	60	100	64	3" 75mm	3/4"	□	1/4"		
POLIURETANO	R 210 UP	GLR 210 UP	FLR 210 UP	GRR 210 UP	FRR 210 UP	GHR 210 UP	FHR 210 UP	50	70	49	2" 50mm	3/4"	□	1/4"	1/4"	28
	R 310 UP	GLR 310 UP	FLR 310 UP	GRR 310 UP	FRR 310 UP	GHR 310 UP	FHR 310 UP	80	100	64	3" 75mm	3/4"	□	1/4"		
NYLON	R 210 NP	GLR 210 NP	FLR 210 NP	GRR 210 NP	FRR 210 NP	GHR 210 NP	FHR 210 NP	60	70	49	2" 50mm	3/4"	□	1/4"	1/4"	28
	R 310 NP	GLR 310 NP	FLR 310 NP	GRR 310 NP	FRR 310 NP	GHR 310 NP	FHR 310 NP	80	100	64	3" 75mm	3/4"	□	1/4"		
NYLON INTEGRAL	R 210 NN	GLR 210 NN	FLR 210 NN	GRR 210 NN	FRR 210 NN	GHR 210 NN	FHR 210 NN	80	70	49	2" 50mm	3/4"	□	1/4"	1/4"	28
	R 310 NN	GLR 310 NN	FLR 310 NN	GRR 310 NN	FRR 310 NN	GHR 310 NN	FHR 310 NN	80	100	64	3" 75mm	3/4"	□	1/4"		
POLIPROPILENO	R 210 PP	GLR 210 PP	FLR 210 PP	GRR 210 PP	FRR 210 PP	GHR 210 PP	FHR 210 PP	50	70	49	2" 50mm	3/4"	□	1/4"	1/4"	28
	R 310 PP	GLR 310 PP	FLR 310 PP	GRR 310 PP	FRR 310 PP	GHR 310 PP	FHR 310 PP	70	100	64	3" 75mm	3/4"	□	1/4"		
BORRACHA MACIÇA	R 210 BIN	GLR 210 BIN	FLR 210 BIN	GRR 210 BIN	FRR 210 BIN	GHR 210 BIN	FHR 210 BIN	50	70	49	2" 50mm	3/4"	□	1/4"	1/4"	24
	R 310 BIN	GLR 310 BIN	FLR 310 BIN	GRR 310 BIN	FRR 310 BIN	GHR 310 BIN	FHR 310 BIN	60	100	64	3" 75mm	7/8"	□	1/4"		
CELERON	R 210 C	GLR 210 C	FLR 210 C	GRR 210 C	FRR 210 C	GHR 210 C	FHR 210 C	80	70	49	2" 50mm	3/4"	□	1/4"	1/4"	28
FERRO	R 210 F	GLR 210 F	FLR 210 F	GRR 210 F	FRR 210 F	GHR 210 F	FHR 210 F	80	70	49	2" 50mm	3/4"	□	1/4"	1/4"	28



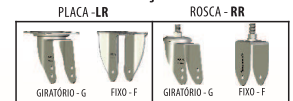
ACESSÓRIOS



PLACA SÉRIE 10



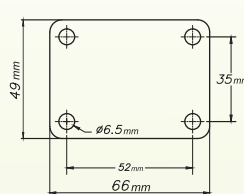
CABEÇOTES



LINHA - 158

REFERÊNCIA			kg	mm	mm	mm	mm	mm	mm	mm	
R 158 N	GDLR 158 N ZC	-	90	58	45	41mm	17mm	□	1/4"	1/4"	40
R 158 N	GLR 158 N ZC	GRR 158 N ZC	125	58	45	41mm	17mm	□	1/4"	1/4"	20
R 158 Z	GLR 158 Z ZC	GRR 158 Z ZC	150	58	45	41mm	17mm	□	1/4"	1/4"	20
R 158 Z	GLR 158 N BC	GRR 158 N BC	125	58	45	41mm	17mm	□	1/4"	1/4"	20
R 158 Z	GLR 158 Z BC	GRR 158 Z BC	150	58	45	41mm	17mm	□	1/4"	1/4"	20

PLACA SÉRIE 158



SÉRIE 12 - LINHAS - LR/RR/HR - CARGAS DE ATÉ 150 kg



BORRACHA - INJETADA

REVESTIMENTO	REFERÊNCIA	LR		RR		HR		kg	mm	mm	mm	mm	mm	+	+	+	mm
BORRACHA	R 312 BP	GLR 312 BP	FLR 312 BP	GRR 312 BP	FRR 312 BP	GHR 312 BP	FHR 312 BP	80	103	66	3" 75mm	1.1/4"		□	5/16"	5/16"	38
	R 312 BPC	GLR 312 BPC	FLR 312 BPC	GRR 312 BPC	FRR 312 BPC	GHR 312 BPC	FHR 312 BPC						□	5/16"			
	R 312 BPKC	GLR 312 BPKC	FLR 312 BPKC	GRR 312 BPKC	FRR 312 BPKC	GHR 312 BPKC	FHR 312 BPKC						K	□	K15		
	R 412 BP	GLR 412 BP	FLR 412 BP	GRR 412 BP	FRR 412 BP	GHR 412 BP	FHR 412 BP	110	127	92	4" 100mm	1.1/4"		□	5/16"		
	R 412 BPNC	GLR 412 BPNC	FLR 412 BPNC	GRR 412 BPNC	FRR 412 BPNC	GHR 412 BPNC	FHR 412 BPNC						N	□	5/16"		
	R 412 BPKC	GLR 412 BPKC	FLR 412 BPKC	GRR 412 BPKC	FRR 412 BPKC	GHR 412 BPKC	FHR 412 BPKC						K	□	K15		
	R 512 BP	GLR 512 BP	FLR 512 BP	GRR 512 BP	FRR 512 BP	GHR 512 BP	FHR 512 BP	125	157	105	5" 125mm	1.1/4"		□	5/16"		
	R 512 BPNC	GLR 512 BPNC	FLR 512 BPNC	GRR 512 BPNC	FRR 512 BPNC	GHR 512 BPNC	FHR 512 BPNC						N	□	5/16"		
	R 512 BPKC	GLR 512 BPKC	FLR 512 BPKC	GRR 512 BPKC	FRR 512 BPKC	GHR 512 BPKC	FHR 512 BPKC						K	□	K15		
	R 612 BP	GLR 612 BP	FLR 612 BP	GRR 612 BP	FRR 612 BP	GHR 612 BP	FHR 612 BP	125	177	120	6" 150mm	1.1/4"		□	5/16"		
	R 612 BPNC	GLR 612 BPNC	FLR 612 BPNC	GRR 612 BPNC	FRR 612 BPNC	GHR 612 BPNC	FHR 612 BPNC						N	□	5/16"		
R 612 BPKC	GLR 612 BPKC	FLR 612 BPKC	GRR 612 BPKC	FRR 612 BPKC	GHR 612 BPKC	FHR 612 BPKC	K						□	K15			



BORRACHA TERMOPLÁSTICA - INJETADA

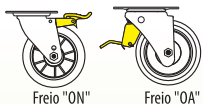
REVESTIMENTO	REFERÊNCIA	LR		RR		HR		kg	mm	mm	mm	mm	mm	+	+	+	mm
BORRACHA - TERMOPLÁSTICA	R 312 TP	GLR 312 TP	FLR 312 TP	GRR 312 TP	FRR 312 TP	GHR 312 TP	FHR 312 TP	80	103	66	3" 75mm	1.1/4"		□	5/16"	5/16"	38
	R 312 TPC	GLR 312 TPC	FLR 312 TPC	GRR 312 TPC	FRR 312 TPC	GHR 312 TPC	FHR 312 TPC						□	5/16"			
	R 312 TPKC	GLR 312 TPKC	FLR 312 TPKC	GRR 312 TPKC	FRR 312 TPKC	GHR 312 TPKC	FHR 312 TPKC						K	□	K15		
	R 412 TP	GLR 412 TP	FLR 412 TP	GRR 412 TP	FRR 412 TP	GHR 412 TP	FHR 412 TP	110	127	92	4" 100mm	1.1/4"		□	5/16"		
	R 412 TPNC	GLR 412 TPNC	FLR 412 TPNC	GRR 412 TPNC	FRR 412 TPNC	GHR 412 TPNC	FHR 412 TPNC						N	□	5/16"		
	R 412 TPKC	GLR 412 TPKC	FLR 412 TPKC	GRR 412 TPKC	FRR 412 TPKC	GHR 412 TPKC	FHR 412 TPKC						K	□	K15		
	R 512 TP	GLR 512 TP	FLR 512 TP	GRR 512 TP	FRR 512 TP	GHR 512 TP	FHR 512 TP	125	157	105	5" 125mm	1.1/4"		□	5/16"		
	R 512 TPNC	GLR 512 TPNC	FLR 512 TPNC	GRR 512 TPNC	FRR 512 TPNC	GHR 512 TPNC	FHR 512 TPNC						N	□	5/16"		
	R 512 TPKC	GLR 512 TPKC	FLR 512 TPKC	GRR 512 TPKC	FRR 512 TPKC	GHR 512 TPKC	FHR 512 TPKC						K	□	K15		
	R 612 TP	GLR 612 TP	FLR 612 TP	GRR 612 TP	FRR 612 TP	GHR 612 TP	FHR 612 TP	125	177	120	6" 150mm	1.1/4"		□	5/16"		
	R 612 TPNC	GLR 612 TPNC	FLR 612 TPNC	GRR 612 TPNC	FRR 612 TPNC	GHR 612 TPNC	FHR 612 TPNC						N	□	5/16"		
R 612 TPKC	GLR 612 TPKC	FLR 612 TPKC	GRR 612 TPKC	FRR 612 TPKC	GHR 612 TPKC	FHR 612 TPKC	K						□	K15			



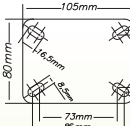
CELERON

CELERON	REFERÊNCIA	LR		RR		HR		kg	mm	mm	mm	mm	mm	+	+	+	mm
	R 312 C	GLR 312 C	FLR 312 C	GRR 312 C	FRR 312 C	GHR 312 C	FHR 312 C	150	103	66	3" 75mm	1.1/4"	□	5/16"	5/16"	38	

ACESSÓRIOS



PLACA SÉRIE 12



Fixação

Espiga Rosca
1/2" x 25 mm
ROSCA
Série 12

Fixação por Expansor

MÓDULO
Espiga Rosca
Série 12 1/2" x 60 mm

TIPO DE MANCAL

- Bucha de Nylon Grafitado
- 4 Buchas "Orbitais" de Nylon Grafitado
- Rolamento blindado tipo "SKF"

TUBO	Variação do Excêntrico		Ref. do Módulo	NATUREZA DO MÓDULO		MATERIAL DO MÓDULO
	Mínimo	Máximo		AL	BO	
1	21 mm	22,5 mm	GAMA	AL	BO	NY
1.3/4	27 mm	28,5 mm	DELTA	AL	BO	NY
1.3/2	35 mm	37 mm	EPSILON	AL	BO	NY
1.3/8	36,5 mm	38,5 mm	DZETA	AL	BO	NY

Para especificar rodízios com expansivos, indicar à ref. e a natureza do módulo que constam na tabela acima. Ex: GHR 512 BP GAMA NY

SÉRIE 12 - LINHAS - LR/RR/HR - CARGAS DE ATÉ 170 kg



BORRACHA SOFT - INJETADA

REVESTIMENTO	REFERÊNCIA	LR		RR		HR		KG	mm	mm	mm	mm	mm	+		mm	mm
BORRACHA - SOFT	R 312 SP	GLR 312 SP	FLR 312 SP	GRR 312 SP	FRR 312 SP	GHR 312 SP	FHR 312 SP	80	103	66	3" 75mm	1.1/4"		□	5/16"	5/16"	38
	R 312 SPC	GLR 312 SPC	FLR 312 SPC	GRR 312 SPC	FRR 312 SPC	GHR 312 SPC	FHR 312 SPC						□	5/16"			
	R 312 SPKC	GLR 312 SPKC	FLR 312 SPKC	GRR 312 SPKC	FRR 312 SPKC	GHR 312 SPKC	FHR 312 SPKC						K	□	K15		
	R 412 SP	GLR 412 SP	FLR 412 SP	GRR 412 SP	FRR 412 SP	GHR 412 SP	FHR 412 SP	110	127	92	4" 100mm	1.1/4"		□	5/16"	5/16"	38
	R 412 SPNC	GLR 412 SPNC	FLR 412 SPNC	GRR 412 SPNC	FRR 412 SPNC	GHR 412 SPNC	FHR 412 SPNC						□	5/16"			
	R 412 SPKC	GLR 412 SPKC	FLR 412 SPKC	GRR 412 SPKC	FRR 412 SPKC	GHR 412 SPKC	FHR 412 SPKC						K	□	K15		
	R 512 SP	GLR 512 SP	FLR 512 SP	GRR 512 SP	FRR 512 SP	GHR 512 SP	FHR 512 SP	125	157	105	5" 125mm	1.1/4"		□	5/16"	5/16"	38
	R 512 SPNC	GLR 512 SPNC	FLR 512 SPNC	GRR 512 SPNC	FRR 512 SPNC	GHR 512 SPNC	FHR 512 SPNC						□	5/16"			
	R 512 SPKC	GLR 512 SPKC	FLR 512 SPKC	GRR 512 SPKC	FRR 512 SPKC	GHR 512 SPKC	FHR 512 SPKC						K	□	K15		
	R 612 SP	GLR 612 SP	FLR 612 SP	GRR 612 SP	FRR 612 SP	GHR 612 SP	FHR 612 SP	125	177	120	6" 150mm	1.1/4"		□	5/16"	5/16"	38
	R 612 SPNC	GLR 612 SPNC	FLR 612 SPNC	GRR 612 SPNC	FRR 612 SPNC	GHR 612 SPNC	FHR 612 SPNC						□	5/16"			
	R 612 SPKC	GLR 612 SPKC	FLR 612 SPKC	GRR 612 SPKC	FRR 612 SPKC	GHR 612 SPKC	FHR 612 SPKC						K	□	K15		



POLIURETANO - INJETADO

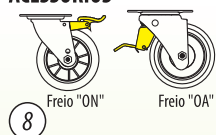
REVESTIMENTO	REFERÊNCIA	LR		RR		HR		KG	mm	mm	mm	mm	mm	+		mm	mm
POLIURETANO	R 312 UP	GLR 312 UP	FLR 312 UP	GRR 312 UP	FRR 312 UP	GHR 312 UP	FHR 312 UP	90	103	66	3" 75mm	1.1/4"		□	5/16"	5/16"	38
	R 312 UPC	GLR 312 UPC	FLR 312 UPC	GRR 312 UPC	FRR 312 UPC	GHR 312 UPC	FHR 312 UPC						□	5/16"			
	R 312 UPKC	GLR 312 UPKC	FLR 312 UPKC	GRR 312 UPKC	FRR 312 UPKC	GHR 312 UPKC	FHR 312 UPKC						K	□	K15		
	R 412 UP	GLR 412 UP	FLR 412 UP	GRR 412 UP	FRR 412 UP	GHR 412 UP	FHR 412 UP	125	127	92	4" 100mm	1.1/4"		□	5/16"	5/16"	38
	R 412 UPNC	GLR 412 UPNC	FLR 412 UPNC	GRR 412 UPNC	FRR 412 UPNC	GHR 412 UPNC	FHR 412 UPNC						□	5/16"			
	R 412 UPKC	GLR 412 UPKC	FLR 412 UPKC	GRR 412 UPKC	FRR 412 UPKC	GHR 412 UPKC	FHR 412 UPKC						K	□	K15		
	R 512 UP	GLR 512 UP	FLR 512 UP	GRR 512 UP	FRR 512 UP	GHR 512 UP	FHR 512 UP	150	157	105	5" 125mm	1.1/4"		□	5/16"	5/16"	38
	R 512 UPNC	GLR 512 UPNC	FLR 512 UPNC	GRR 512 UPNC	FRR 512 UPNC	GHR 512 UPNC	FHR 512 UPNC						□	5/16"			
	R 512 UPKC	GLR 512 UPKC	FLR 512 UPKC	GRR 512 UPKC	FRR 512 UPKC	GHR 512 UPKC	FHR 512 UPKC						K	□	K15		
	R 612 UP	GLR 612 UP	FLR 612 UP	GRR 612 UP	FRR 612 UP	GHR 612 UP	FHR 612 UP	150	177	120	6" 150mm	1.1/4"		□	5/16"	5/16"	38
	R 612 UPNC	GLR 612 UPNC	FLR 612 UPNC	GRR 612 UPNC	FRR 612 UPNC	GHR 612 UPNC	FHR 612 UPNC						□	5/16"			
	R 612 UPKC	GLR 612 UPKC	FLR 612 UPKC	GRR 612 UPKC	FRR 612 UPKC	GHR 612 UPKC	FHR 612 UPKC						K	□	K15		



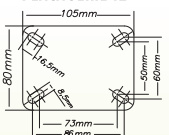
POLIURETANO - MOLDADO

REVESTIMENTO	REFERÊNCIA	LR		RR		HR		KG	mm	mm	mm	mm	mm	+		mm	mm
POLIURETANO MOLDADO	R 312 UFN	GLR 312 UFN	FLR 312 UFN	GRR 312 UFN	FRR 312 UFN	GHR 312 UFN	FHR 312 UFN	170	103	66	3" 75mm	1.1/4"	N	□	5/16"	5/16"	38
	R 312 UFK	GLR 312 UFK	FLR 312 UFK	GRR 312 UFK	FRR 312 UFK	GHR 312 UFK	FHR 312 UFK						K	□	K9		

ACESSÓRIOS



PLACA SÉRIE 12



Fixação

Espiga Rosca
1/2" x 25 mm
ROSCA
Série 12 Ø x h

Fixação por Expansor

MÓDULO
Espiga Rosca
1/2" x 60 mm
Série 12

TIPO DE MANCAL

- Bucha de Nylon Grafitado
- 4 Buchas "Orbitais" de Nylon Grafitado
- Rolamento blindado tipo "SKF"

TUBO	Variação do Excêntrico		Ref. do Módulo	NATUREZA DO MÓDULO		MATERIAL DO MÓDULO
	Mínimo	Máximo		AL	BO	
1	21 mm	22,5 mm	GAMA	AL	BO	NY
1.1/2	27 mm	28,5 mm	DELTA	AL	BO	NY
1.5/2	35 mm	37 mm	EPSILON	AL	BO	NY
1.5/4	36,5 mm	38,5 mm	DZETA	AL	BO	NY

Para especificar rodízios com expansivos, indicar a ref. e a natureza do módulo que constam na tabela acima. Ex: GHR 512 BP GAMA NY

SÉRIE 12 - LINHAS - LR/RR/HR - CARGAS DE ATÉ 170 kg



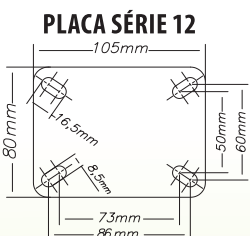
NYLON - INJETADO

REVESTIMENTO	REFERÊNCIA	LR		RR		HR		kg	mm	mm	mm	mm	+	+	mm
NYLON	R 312 NP	GLR 312 NP	FLR 312 NP	GRR 312 NP	FRR 312 NP	GHR 312 NP	FHR 312 NP	90	103	66	3" 75mm	1.1/4"	K	+	5/16"
	R 312 NPC	GLR 312 NPC	FLR 312 NPC	GRR 312 NPC	FRR 312 NPC	GHR 312 NPC	FHR 312 NPC								
	R 312 NPKC	GLR 312 NPKC	FLR 312 NPKC	GRR 312 NPKC	FRR 312 NPKC	GHR 312 NPKC	FHR 312 NPKC								
	R 412 NP	GLR 412 NP	FLR 412 NP	GRR 412 NP	FRR 412 NP	GHR 412 NP	FHR 412 NP	125	127	92	4" 100mm	1.1/4"	N	+	5/16"
	R 412 NPNC	GLR 412 NPNC	FLR 412 NPNC	GRR 412 NPNC	FRR 412 NPNC	GHR 412 NPNC	FHR 412 NPNC								
	R 412 NPKC	GLR 412 NPKC	FLR 412 NPKC	GRR 412 NPKC	FRR 412 NPKC	GHR 412 NPKC	FHR 412 NPKC								
	R 512 NP	GLR 512 NP	FLR 512 NP	GRR 512 NP	FRR 512 NP	GHR 512 NP	FHR 512 NP	150	157	105	5" 125mm	1.1/4"	N	+	5/16"
	R 512 NPNC	GLR 512 NPNC	FLR 512 NPNC	GRR 512 NPNC	FRR 512 NPNC	GHR 512 NPNC	FHR 512 NPNC								
	R 512 NPKC	GLR 512 NPKC	FLR 512 NPKC	GRR 512 NPKC	FRR 512 NPKC	GHR 512 NPKC	FHR 512 NPKC								
	R 612 NP	GLR 612 NP	FLR 612 NP	GRR 612 NP	FRR 612 NP	GHR 612 NP	FHR 612 NP	150	177	120	6" 150mm	1.1/4"	N	+	5/16"
	R 612 NPNC	GLR 612 NPNC	FLR 612 NPNC	GRR 612 NPNC	FRR 612 NPNC	GHR 612 NPNC	FHR 612 NPNC								
	R 612 NPKC	GLR 612 NPKC	FLR 612 NPKC	GRR 612 NPKC	FRR 612 NPKC	GHR 612 NPKC	FHR 612 NPKC								

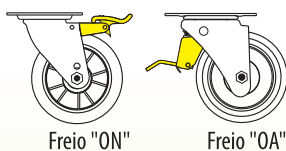


NYLON INJETADO - INTEGRAL

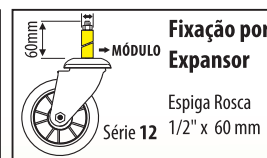
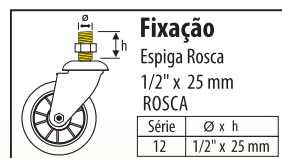
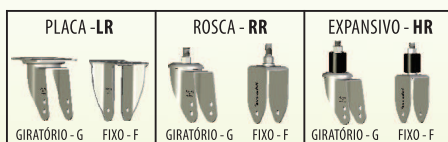
REVESTIMENTO	REFERÊNCIA	LR		RR		HR		kg	mm	mm	mm	mm	+	+	mm
NYLON - INTEGRAL	R 312 N	GLR 312 N	FLR 312 N	GRR 312 N	FRR 312 N	GHR 312 N	FHR 312 N	150	103	66	3" 75mm	1.1/4"	K	+	5/16"
	R 312 NNC	GLR 312 NNC	FLR 312 NNC	GRR 312 NNC	FRR 312 NNC	GHR 312 NNC	FHR 312 NNC								
	R 312 NNKC	GLR 312 NNKC	FLR 312 NNKC	GRR 312 NNKC	FRR 312 NNKC	GHR 312 NNKC	FHR 312 NNKC								
	R 412 N	GLR 412 N	FLR 412 N	GRR 412 N	FRR 412 N	GHR 412 N	FHR 412 N	170	127	92	4" 100mm	1.1/4"	N	+	5/16"
	R 412 NNC	GLR 412 NNC	FLR 412 NNC	GRR 412 NNC	FRR 412 NNC	GHR 412 NNC	FHR 412 NNC								
	R 412 NNKC	GLR 412 NNKC	FLR 412 NNKC	GRR 412 NNKC	FRR 412 NNKC	GHR 412 NNKC	FHR 412 NNKC								
	R 512 N	GLR 512 N	FLR 512 N	GRR 512 N	FRR 512 N	GHR 512 N	FHR 512 N	170	157	105	5" 125mm	1.1/4"	N	+	5/16"
	R 512 NNC	GLR 512 NNC	FLR 512 NNC	GRR 512 NNC	FRR 512 NNC	GHR 512 NNC	FHR 512 NNC								
	R 512 NNKC	GLR 512 NNKC	FLR 512 NNKC	GRR 512 NNKC	FRR 512 NNKC	GHR 512 NNKC	FHR 512 NNKC								
	R 612 N	GLR 612 N	FLR 612 N	GRR 612 N	FRR 612 N	GHR 612 N	FHR 612 N	170	177	120	6" 150mm	1.1/4"	N	+	5/16"
	R 612 NNC	GLR 612 NNC	FLR 612 NNC	GRR 612 NNC	FRR 612 NNC	GHR 612 NNC	FHR 612 NNC								
	R 612 NNKC	GLR 612 NNKC	FLR 612 NNKC	GRR 612 NNKC	FRR 612 NNKC	GHR 612 NNKC	FHR 612 NNKC								



ACESSÓRIOS



CABEÇOTES



TIPO DE MANCAL

- Bucha de Nylon Grafitado
- 4 Buchas "Orbitais" de Nylon Grafitado
- Rolamento blindado tipo "SKF"

TUBO	Variação do Excêntrico		Ref. do Módulo	NATUREZA DO MÓDULO			MATERIAL DO MÓDULO	
	Mínimo	Máximo		AL	BO	NY	AL	NY
1	21 mm	22,5 mm	GAMA	AL	BO	NY	AL	ALUMÍNIO
1.1/4	27 mm	28,5 mm	DELTA	AL	BO	NY	AL	ALUMÍNIO
1.1/2	35 mm	37 mm	EPSILON	AL	BO	NY	BO	BORRACHA
1.5/8	36,5 mm	38,5 mm	DZETA	AL	BO	NY	NY	NYLON

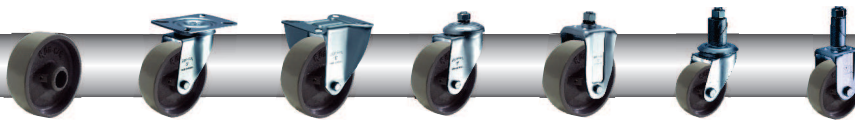
Para especificar rodízios com expansivos, indicar a ref. e a natureza do módulo que constam na tabela acima. Ex: GHR 512 BP GAMA NY

SÉRIE 12 - LINHAS - LR/RR/HR - CARGAS DE ATÉ 175 kg



POLIPROPILENO - INJETADO

REVESTIMENTO	REFERÊNCIA							KG	mm	mm							
		LR		RR		HR											
POLIPROPILENO	R 312 P	GLR 312 P	FLR 312 P	GRR 312 P	FRR 312 P	GHR 312 P	FHR 312 P	90	103	66	3"	75mm	1.1/4"		5/16"		38
	R 312 PP	GLR 312 PP	FLR 312 PP	GRR 312 PP	FRR 312 PP	GHR 312 PP	FHR 312 PP								5/16"		
	R 312 PPC	GLR 312 PPC	FLR 312 PPC	GRR 312 PPC	FRR 312 PPC	GHR 312 PPC	FHR 312 PPC								5/16"		
	R 312 PPKC	GLR 312 PPKC	FLR 312 PPKC	GRR 312 PPKC	FRR 312 PPKC	GHR 312 PPKC	FHR 312 PPKC								K15		
	R 412 PP	GLR 412 PP	FLR 412 PP	GRR 412 PP	FRR 412 PP	GHR 412 PP	FHR 412 PP	105	127	92	4"	100mm	1.1/4"		5/16"		38
	R 412 PPNC	GLR 412 PPNC	FLR 412 PPNC	GRR 412 PPNC	FRR 412 PPNC	GHR 412 PPNC	FHR 412 PPNC								5/16"		
	R 412 PPKC	GLR 412 PPKC	FLR 412 PPKC	GRR 412 PPKC	FRR 412 PPKC	GHR 412 PPKC	FHR 412 PPKC								K15		
	R 512 PP	GLR 512 PP	FLR 512 PP	GRR 512 PP	FRR 512 PP	GHR 512 PP	FHR 512 PP	125	157	105	5"	125mm	1.1/4"		5/16"		38
	R 512 PPNC	GLR 512 PPNC	FLR 512 PPNC	GRR 512 PPNC	FRR 512 PPNC	GHR 512 PPNC	FHR 512 PPNC								5/16"		
	R 512 PPKC	GLR 512 PPKC	FLR 512 PPKC	GRR 512 PPKC	FRR 512 PPKC	GHR 512 PPKC	FHR 512 PPKC								K15		
	R 612 PP	GLR 612 PP	FLR 612 PP	GRR 612 PP	FRR 612 PP	GHR 612 PP	FHR 612 PP	150	177	120	6"	150mm	1.1/4"		5/16"		38
	R 612 PPNC	GLR 612 PPNC	FLR 612 PPNC	GRR 612 PPNC	FRR 612 PPNC	GHR 612 PPNC	FHR 612 PPNC								5/16"		
R 612 PPKC	GLR 612 PPKC	FLR 612 PPKC	GRR 612 PPKC	FRR 612 PPKC	GHR 612 PPKC	FHR 612 PPKC								K15			



FERRO FUNDIDO

FERRO	REFERÊNCIA							KG	mm	mm							
		LR		RR		HR											
	R 312 F	GLR 312 F	FLR 312 F	GRR 312 F	FRR 312 F	GHR 312 F	FHR 312 F	170	103	66	3"	75mm	1.1/4"		5/16"	5/16"	38



BORRACHA - MOLDADA

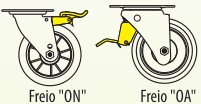
BORRACHA MOLDADA	REFERÊNCIA							KG	mm	mm							
		LR		RR		HR											
	R 312 BFN	GLR 312 BFN	FLR 312 BFN	GRR 312 BFN	FRR 312 BFN	GHR 312 BFN	FHR 312 BFN	90	103	66	3"	75mm	1.1/4"		5/16"	5/16"	38



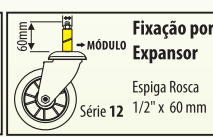
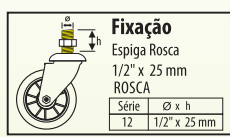
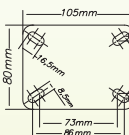
BORRACHA MACIÇA - LINHA BIN

REVESTIMENTO	REFERÊNCIA							KG	mm	mm						
		LR		RR		HR										
BORRACHA	R 312 BIN	GLR 312 BIN	FLR 312 BIN	GRR 312 BIN	FRR 312 BIN	GHR 312 BIN	FHR 312 BIN	80	103	66	3"	1.1/4"		5/16"		38
	R 412 BIN	GLR 412 BIN	FLR 412 BIN	GRR 412 BIN	FRR 412 BIN	GHR 412 BIN	FHR 412 BIN	125	127	92	4"			5/16"		
	R 512 BIN	GLR 512 BIN	FLR 512 BIN	GRR 512 BIN	FRR 512 BIN	GHR 512 BIN	FHR 512 BIN	150	157	105	5"			5/16"		
	R 612 BIN	GLR 612 BIN	FLR 612 BIN	GRR 612 BIN	FRR 612 BIN	GHR 612 BIN	FHR 612 BIN	175	177	120	6"			5/16"		

ACESSÓRIOS



PLACA SÉRIE 12



TIPO DE MANCAL

- Bucha de Nylon Grafitado
- 4 Bucas "Orbitais" de Nylon Grafitado
- Rolamento blindado tipo "SKF"

TUBO	Variação do Excêntrico		Ref. do Módulo	NATUREZA DO MÓDULO	MATERIAL DO MÓDULO
	Mínimo	Máximo			
1	21 mm	22,5 mm	GAMA	AL BO NY	AL ALUMÍNIO
1.1/4	27 mm	28,5 mm	DELTA	AL BO NY	BO BORRACHA
1.1/2	35 mm	37 mm	EPSILON	AL BO NY	NY NYLON
1.3/4	36,5 mm	38,5 mm	DZETA	AL BO NY	NY NYLON

Para especificar rodízios com expansores, indicar a ref. e a natureza do módulo que constam na tabela acima. Ex: GHR 512 BP GAMA NY

SÉRIE 12 - LINHA INOX - CARGAS DE ATÉ 120 kg



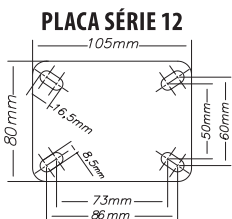
BORRACHA INJETADA - INOX

REVESTIMENTO	REFERÊNCIA	LRX		RRX		HRX		KG	mm	mm	mm	mm	+	+	+	mm
BORRACHA	R 312 BP	GLRX 312 BP	FLRX 312 BP	GRRX 312 BP	FRRX 312 BP	GHRX 312 BP	FHRX 312 BP	40	103	66	3" 75mm	1.1/4"				5/16"
	R 312 BPC	GLRX 312 BPC	FLRX 312 BPC	GRRX 312 BPC	FRRX 312 BPC	GHRX 312 BPC	FHRX 312 BPC									5/16"
	R 312 BPKC	GLRX 312 BPKC	FLRX 312 BPKC	GRRX 312 BPKC	FRRX 312 BPKC	GHRX 312 BPKC	FHRX 312 BPKC						K			K15
	R 412 BP	GLRX 412 BP	FLRX 412 BP	GRRX 412 BP	FRRX 412 BP	GHRX 412 BP	FHRX 412 BP	55	127	92	4" 100mm	1.1/4"				5/16"
	R 412 BPNC	GLRX 412 BPNC	FLRX 412 BPNC	GRRX 412 BPNC	FRRX 412 BPNC	GHRX 412 BPNC	FHRX 412 BPNC						N			5/16"
	R 412 BPKC	GLRX 412 BPKC	FLRX 412 BPKC	GRRX 412 BPKC	FRRX 412 BPKC	GHRX 412 BPKC	FHRX 412 BPKC						K			K15
	R 512 BP	GLRX 512 BP	FLRX 512 BP	GRRX 512 BP	FRRX 512 BP	GHRX 512 BP	FHRX 512 BP	65	157	105	5" 125mm	1.1/4"				5/16"
	R 512 BPNC	GLRX 512 BPNC	FLRX 512 BPNC	GRRX 512 BPNC	FRRX 512 BPNC	GHRX 512 BPNC	FHRX 512 BPNC						N			5/16"
	R 512 BPKC	GLRX 512 BPKC	FLRX 512 BPKC	GRRX 512 BPKC	FRRX 512 BPKC	GHRX 512 BPKC	FHRX 512 BPKC						K			K15
	R 612 BP	GLRX 612 BP	FLRX 612 BP	GRRX 612 BP	FRRX 612 BP	GHRX 612 BP	FHRX 612 BP	75	177	120	6" 150mm	1.1/4"				5/16"
	R 612 BPNC	GLRX 612 BPNC	FLRX 612 BPNC	GRRX 612 BPNC	FRRX 612 BPNC	GHRX 612 BPNC	FHRX 612 BPNC						N			5/16"
	R 612 BPKC	GLRX 612 BPKC	FLRX 612 BPKC	GRRX 612 BPKC	FRRX 612 BPKC	GHRX 612 BPKC	FHRX 612 BPKC						K			K15

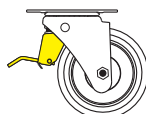


NYLON INJETADO - INOX

REVESTIMENTO	REFERÊNCIA	LRX		RRX		HRX		KG	mm	mm	mm	mm	+	+	+	mm
NYLON - INTEGRAL	R 312 N	GLRX 312 N	FLRX 312 N	GRRX 312 N	FRRX 312 N	GHRX 312 N	FHRX 312 N	105	103	66	3" 75mm	1.1/4"				5/16"
	R 312 NNC	GLRX 312 NNC	FLRX 312 NNC	GRRX 312 NNC	FRRX 312 NNC	GHRX 312 NNC	FHRX 312 NNC									5/16"
	R 312 NNKC	GLRX 312 NNKC	FLRX 312 NNKC	GRRX 312 NNKC	FRRX 312 NNKC	GHRX 312 NNKC	FHRX 312 NNKC						K			K15
	R 412 N	GLRX 412 N	FLRX 412 N	GRRX 412 N	FRRX 412 N	GHRX 412 N	FHRX 412 N	120	127	92	4" 100mm	1.1/4"				5/16"
	R 412 NNNC	GLRX 412 NNNC	FLRX 412 NNNC	GRRX 412 NNNC	FRRX 412 NNNC	GHRX 412 NNNC	FHRX 412 NNNC						N			5/16"
	R 412 NNKC	GLRX 412 NNKC	FLRX 412 NNKC	GRRX 412 NNKC	FRRX 412 NNKC	GHRX 412 NNKC	FHRX 412 NNKC						K			K15
	R 512 N	GLRX 512 N	FLRX 512 N	GRRX 512 N	FRRX 512 N	GHRX 512 N	FHRX 512 N	120	157	105	5" 125mm	1.1/4"				5/16"
	R 512 NNNC	GLRX 512 NNNC	FLRX 512 NNNC	GRRX 512 NNNC	FRRX 512 NNNC	GHRX 512 NNNC	FHRX 512 NNNC						N			5/16"
	R 512 NNKC	GLRX 512 NNKC	FLRX 512 NNKC	GRRX 512 NNKC	FRRX 512 NNKC	GHRX 512 NNKC	FHRX 512 NNKC						K			K15
	R 612 N	GLRX 612 N	FLRX 612 N	GRRX 612 N	FRRX 612 N	GHRX 612 N	FHRX 612 N	120	177	120	6" 150mm	1.1/4"				5/16"
	R 612 NNNC	GLRX 612 NNNC	FLRX 612 NNNC	GRRX 612 NNNC	FRRX 612 NNNC	GHRX 612 NNNC	FHRX 612 NNNC						N			5/16"
	R 612 NNKC	GLRX 612 NNKC	FLRX 612 NNKC	GRRX 612 NNKC	FRRX 612 NNKC	GHRX 612 NNKC	FHRX 612 NNKC						K			K15

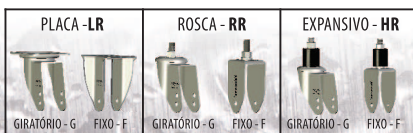


ACESSÓRIOS



Freio "OA"

CABEÇOTES



Fixação
Espiga Rosca 1/2" x 25 mm
ROSCA
Série 12

Série	Ø x h
12	1/2" x 25 mm

Fixação por Expansor
Espiga Rosca 1/2" x 60 mm
Série 12

TUBO	Variação do Excêntrico		Ref. do Módulo	NATUREZA DO MÓDULO			MATERIAL DO MÓDULO
	Mínimo	Máximo		AL	BO	NY	
1	21 mm	22,5 mm	GAMA	AL	BO	NY	AL ALUMÍNIO
1.1/4	27 mm	28,5 mm	DELTA	AL	BO	NY	BO BORRACHA
1.1/2	35 mm	37 mm	EPSILON	AL	BO	NY	NY NYLON
1.3/4	36,5 mm	38,5 mm	DZETA	AL	BO	NY	NY NYLON

Para especificar rodízios com expansivos, indicar a ref. e a natureza do módulo que constam na tabela acima. Ex: GHR 512 BP GAMA NY

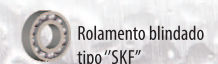
TIPO DE MANCAL



Bucha de Nylon Grafitado



4 Buchas "Orbitais" de Nylon Grafitado



Rolamento blindado tipo "SKF"

CONSULTE A LINHA COMPLETA DOS RODÍZIOS INOX

www.rodcar.com.br

SÉRIE 14 - LINHAS - LR/RR/HR - CARGAS DE ATÉ 200 kg



BORRACHA - INJETADA

REVESTIMENTO	REFERÊNCIA							KG	mm	mm								
		LR	RR	HR	N	W	mm											
BORRACHA	R 414 BZN	GLR 414 BZN	FLR 414 BZN	GRR 414 BZN	FRR 414 BZN	GHR 414 BZN	FHR 414 BZN	110	128	92	4"	100mm	1.1/2"	N	W	7/16"	7/16"	49
	R 414 BZL	GLR 414 BZL	FLR 414 BZL	GRR 414 BZL	FRR 414 BZL	GHR 414 BZL	FHR 414 BZL							L	W	7/16"		
	R 414 BPNC	GLR 414 BPNC	FLR 414 BPNC	GRR 414 BPNC	FRR 414 BPNC	GHR 414 BPNC	FHR 414 BPNC							N	W	7/16"		
	R 414 BPKC	GLR 414 BPKC	FLR 414 BPKC	GRR 414 BPKC	FRR 414 BPKC	GHR 414 BPKC	FHR 414 BPKC							K	W	K15		
	R 514 BZN	GLR 514 BZN	FLR 514 BZN	GRR 514 BZN	FRR 514 BZN	GHR 514 BZN	FHR 514 BZN	125	155	114	5"	125mm	1.1/2"	N	W	7/16"		
	R 514 BZL	GLR 514 BZL	FLR 514 BZL	GRR 514 BZL	FRR 514 BZL	GHR 514 BZL	FHR 514 BZL							L	W	7/16"		
	R 514 BPNC	GLR 514 BPNC	FLR 514 BPNC	GRR 514 BPNC	FRR 514 BPNC	GHR 514 BPNC	FHR 514 BPNC							N	W	7/16"		
	R 514 BPKC	GLR 514 BPKC	FLR 514 BPKC	GRR 514 BPKC	FRR 514 BPKC	GHR 514 BPKC	FHR 514 BPKC							K	W	K15		
	R 614 BZN	GLR 614 BZN	FLR 614 BZN	GRR 614 BZN	FRR 614 BZN	GHR 614 BZN	FHR 614 BZN	165	180	118	6"	150mm	1.1/2"	N	W	7/16"		
	R 614 BZL	GLR 614 BZL	FLR 614 BZL	GRR 614 BZL	FRR 614 BZL	GHR 614 BZL	FHR 614 BZL							L	W	7/16"		
	R 614 BPNC	GLR 614 BPNC	FLR 614 BPNC	GRR 614 BPNC	FRR 614 BPNC	GHR 614 BPNC	FHR 614 BPNC							N	W	7/16"		
	R 614 BPKC	GLR 614 BPKC	FLR 614 BPKC	GRR 614 BPKC	FRR 614 BPKC	GHR 614 BPKC	FHR 614 BPKC							K	W	K15		



BORRACHA MACIÇA - LINHA BIN

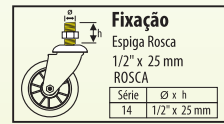
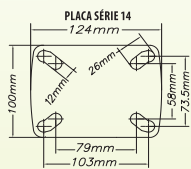
REVESTIMENTO	REFERÊNCIA							KG	mm	mm							
		LR	RR	HR	N	W	mm										
BORRACHA	R 414 BIN	GLR 414 BIN	FLR 414 BIN	GRR 414 BIN	FRR 414 BIN	GHR 414 BIN	FHR 414 BIN	130	128	92	4"	1.1/2"	N	W	7/16"	1/2"	45
	R 514 BIN	GLR 514 BIN	FLR 514 BIN	GRR 514 BIN	FRR 514 BIN	GHR 514 BIN	FHR 514 BIN	155	155	114	5"		N	W	7/16"		
	R 614 BIN	GLR 614 BIN	FLR 614 BIN	GRR 614 BIN	FRR 614 BIN	GHR 614 BIN	FHR 614 BIN	180	180	118	6"		N	W	7/16"		



BORRACHA - MOLDADA

REVESTIMENTO	REFERÊNCIA							KG	mm	mm								
		LR	RR	HR	N	W	mm											
BORRACHA - MOLDADA	R 414 BFN	GLR 414 BFN	FLR 414 BFN	GRR 414 BFN	FRR 414 BFN	GHR 414 BFN	FHR 414 BFN	150	128	92	4"	100mm	1.1/2"	N	W	7/16"	7/16"	49
	R 414 BFK	GLR 414 BFK	FLR 414 BFK	GRR 414 BFK	FRR 414 BFK	GHR 414 BFK	FHR 414 BFK							K	W	K15		
	R 514 BFN	GLR 514 BFN	FLR 514 BFN	GRR 514 BFN	FRR 514 BFN	GHR 514 BFN	FHR 514 BFN	175	155	114	5"	125mm	1.1/2"	N	W	7/16"		
	R 514 BFK	GLR 514 BFK	FLR 514 BFK	GRR 514 BFK	FRR 514 BFK	GHR 514 BFK	FHR 514 BFK							K	W	K15		
	R 614 BFN	GLR 614 BFN	FLR 614 BFN	GRR 614 BFN	FRR 614 BFN	GHR 614 BFN	FHR 614 BFN	200	180	118	6"	150mm	1.1/2"	N	W	7/16"		
	R 614 BFK	GLR 614 BFK	FLR 614 BFK	GRR 614 BFK	FRR 614 BFK	GHR 614 BFK	FHR 614 BFK							K	W	K15		

ACESSÓRIOS



TUBO	Variação do Excêntrico		Ref. do Módulo	NATUREZA DO MÓDULO		MATERIAL DO MÓDULO	
	Mínimo	Máximo		AL	BO	NY	BO
1	21 mm	22,5 mm	GAMA	AL	BO	NY	BO
1.3/4	27 mm	28,5 mm	DELTA	AL	BO	NY	BO
1.3/2	35 mm	37 mm	EPSILON	AL	BO	NY	BO
1.3/4	36,5 mm	38,5 mm	DZETA	AL	BO	NY	NYLON

Para especificar rodízios com expansivos, indicar a ref. e a natureza do módulo que constam na tabela acima. Ex: GHR 512 BP GAMA NY

TIPO DE MANCAL	
	Bucha de Nylon Grafitado
	Rolamentos de Roletes
	4 Bolas "Orbitais" de Nylon Grafitado
	Rolamento blindado tipo "SKF"

SÉRIE 14 - LINHAS - LR/RR/HR - CARGAS DE ATÉ 165 kg



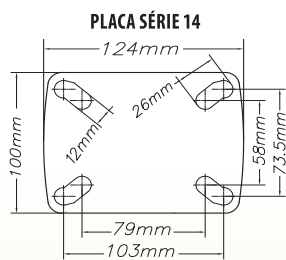
BORRACHA TERMOPLÁSTICA - INJETADA

REVESTIMENTO	REFERÊNCIA	LR		RR		HR		kg	mm	mm	mm	mm	mm	mm	mm
BORRACHA - TERMOPLÁSTICA	R 414 TZN	GLR 414 TZN	FLR 414 TZN	GRR 414 TZN	FRR 414 TZN	GHR 414 TZN	FHR 414 TZN	110	128	92	4"	100mm	1.1/2"	N	7/16"
	R 414 TZL	GLR 414 TZL	FLR 414 TZL	GRR 414 TZL	FRR 414 TZL	GHR 414 TZL	FHR 414 TZL							L	7/16"
	R 414 TPNC	GLR 414 TPNC	FLR 414 TPNC	GRR 414 TPNC	FRR 414 TPNC	GHR 414 TPNC	FHR 414 TPNC							N	7/16"
	R 414 TPKC	GLR 414 TPKC	FLR 414 TPKC	GRR 414 TPKC	FRR 414 TPKC	GHR 414 TPKC	FHR 414 TPKC							K	K15
	R 514 TZN	GLR 514 TZN	FLR 514 TZN	GRR 514 TZN	FRR 514 TZN	GHR 514 TZN	FHR 514 TZN	125	155	114	5"	125mm	1.1/2"	N	7/16"
	R 514 TZL	GLR 514 TZL	FLR 514 TZL	GRR 514 TZL	FRR 514 TZL	GHR 514 TZL	FHR 514 TZL							L	7/16"
	R 514 TPNC	GLR 514 TPNC	FLR 514 TPNC	GRR 514 TPNC	FRR 514 TPNC	GHR 514 TPNC	FHR 514 TPNC							N	7/16"
	R 514 TPKC	GLR 514 TPKC	FLR 514 TPKC	GRR 514 TPKC	FRR 514 TPKC	GHR 514 TPKC	FHR 514 TPKC							K	K15
	R 614 TZN	GLR 614 TZN	FLR 614 TZN	GRR 614 TZN	FRR 614 TZN	GHR 614 TZN	FHR 614 TZN	165	180	118	6"	150mm	1.1/2"	N	7/16"
	R 614 TZL	GLR 614 TZL	FLR 614 TZL	GRR 614 TZL	FRR 614 TZL	GHR 614 TZL	FHR 614 TZL							L	7/16"
	R 614 TPNC	GLR 614 TPNC	FLR 614 TPNC	GRR 614 TPNC	FRR 614 TPNC	GHR 614 TPNC	FHR 614 TPNC							N	7/16"
	R 614 TPKC	GLR 614 TPKC	FLR 614 TPKC	GRR 614 TPKC	FRR 614 TPKC	GHR 614 TPKC	FHR 614 TPKC							K	K15



BORRACHA SOFT - INJETADA

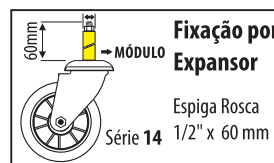
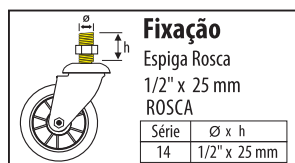
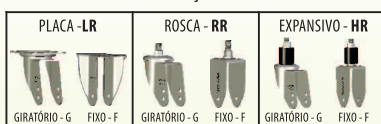
REVESTIMENTO	REFERÊNCIA	LR		RR		HR		kg	mm	mm	mm	mm	mm	mm	mm
BORRACHA - SOFT	R 414 SZN	GLR 414 SZN	FLR 414 SZN	GRR 414 SZN	FRR 414 SZN	GHR 414 SZN	FHR 414 SZN	85	128	92	4"	100mm	1.1/2"	N	7/16"
	R 414 SZL	GLR 414 SZL	FLR 414 SZL	GRR 414 SZL	FRR 414 SZL	GHR 414 SZL	FHR 414 SZL							L	7/16"
	R 414 SPNC	GLR 414 SPNC	FLR 414 SPNC	GRR 414 SPNC	FRR 414 SPNC	GHR 414 SPNC	FHR 414 SPNC							N	7/16"
	R 414 SPKC	GLR 414 SPKC	FLR 414 SPKC	GRR 414 SPKC	FRR 414 SPKC	GHR 414 SPKC	FHR 414 SPKC							K	K15
	R 514 SZN	GLR 514 SZN	FLR 514 SZN	GRR 514 SZN	FRR 514 SZN	GHR 514 SZN	FHR 514 SZN	115	155	114	5"	125mm	1.1/2"	N	7/16"
	R 514 SZL	GLR 514 SZL	FLR 514 SZL	GRR 514 SZL	FRR 514 SZL	GHR 514 SZL	FHR 514 SZL							L	7/16"
	R 514 SPNC	GLR 514 SPNC	FLR 514 SPNC	GRR 514 SPNC	FRR 514 SPNC	GHR 514 SPNC	FHR 514 SPNC							N	7/16"
	R 514 SPKC	GLR 514 SPKC	FLR 514 SPKC	GRR 514 SPKC	FRR 514 SPKC	GHR 514 SPKC	FHR 514 SPKC							K	K15
	R 614 SZN	GLR 614 SZN	FLR 614 SZN	GRR 614 SZN	FRR 614 SZN	GHR 614 SZN	FHR 614 SZN	125	180	118	6"	150mm	1.1/2"	N	7/16"
	R 614 SZL	GLR 614 SZL	FLR 614 SZL	GRR 614 SZL	FRR 614 SZL	GHR 614 SZL	FHR 614 SZL							L	7/16"
	R 614 SPNC	GLR 614 SPNC	FLR 614 SPNC	GRR 614 SPNC	FRR 614 SPNC	GHR 614 SPNC	FHR 614 SPNC							N	7/16"
	R 614 SPKC	GLR 614 SPKC	FLR 614 SPKC	GRR 614 SPKC	FRR 614 SPKC	GHR 614 SPKC	FHR 614 SPKC							K	K15



ACESSÓRIOS



CABEÇOTES



TIPO DE MANCAL



TUBO	Variação do Excêntrico		Ref. do Módulo	NATUREZA DO MÓDULO			MATERIAL DO MÓDULO	
	Mínimo	Máximo		AL	BO	NY	AL	BO
1	21 mm	22,5 mm	GAMA	AL	BO	NY	AL	ALUMÍNIO
1.1/4	27 mm	28,5 mm	DELTA	AL	BO	NY	BO	BORRACHA
1.1/2	35 mm	37 mm	EPSILON	AL	BO	NY	BO	BORRACHA
1.3/4	36,5 mm	38,5 mm	DZETA	AL	BO	NY	NY	NYLON

Para especificar rodízios com expansivos, indicar a ref. e a natureza do módulo que constam na tabela acima. Ex: GHR 512 BP **GAMA NY**

SÉRIE 14 - LINHAS - LR/RR/HR - CARGAS DE ATÉ 350 kg



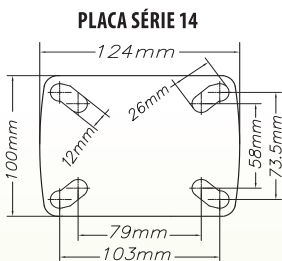
POLIURETANO - INJETADO

REVESTIMENTO	REFERÊNCIA	LR		RR		HR		KG	mm	mm	mm	mm	mm	+		mm	
POLIURETANO	R 414 UZN	GLR 414 UZN	FLR 414 UZN	GRR 414 UZN	FRR 414 UZN	GHR 414 UZN	FHR 414 UZN	125	128	92	4"	100mm	1.1/2"	N	7/16"	7/16"	49
	R 414 UZL	GLR 414 UZL	FLR 414 UZL	GRR 414 UZL	FRR 414 UZL	GHR 414 UZL	FHR 414 UZL							L	7/16"		
	R 414 UPNC	GLR 414 UPNC	FLR 414 UPNC	GRR 414 UPNC	FRR 414 UPNC	GHR 414 UPNC	FHR 414 UPNC							N	7/16"		
	R 414 UPKC	GLR 414 UPKC	FLR 414 UPKC	GRR 414 UPKC	FRR 414 UPKC	GHR 414 UPKC	FHR 414 UPKC							K	K15		
	R 514 UZN	GLR 514 UZN	FLR 514 UZN	GRR 514 UZN	FRR 514 UZN	GHR 514 UZN	FHR 514 UZN	160	155	114	5"	125mm	1.1/2"	N	7/16"		
	R 514 UZL	GLR 514 UZL	FLR 514 UZL	GRR 514 UZL	FRR 514 UZL	GHR 514 UZL	FHR 514 UZL							L	7/16"		
	R 514 UPNC	GLR 514 UPNC	FLR 514 UPNC	GRR 514 UPNC	FRR 514 UPNC	GHR 514 UPNC	FHR 514 UPNC							N	7/16"		
	R 514 UPKC	GLR 514 UPKC	FLR 514 UPKC	GRR 514 UPKC	FRR 514 UPKC	GHR 514 UPKC	FHR 514 UPKC							K	K15		
	R 614 UZN	GLR 614 UZN	FLR 614 UZN	GRR 614 UZN	FRR 614 UZN	GHR 614 UZN	FHR 614 UZN	170	180	118	6"	150mm	1.1/2"	N	7/16"		
	R 614 UZL	GLR 614 UZL	FLR 614 UZL	GRR 614 UZL	FRR 614 UZL	GHR 614 UZL	FHR 614 UZL							L	7/16"		
	R 614 UPNC	GLR 614 UPNC	FLR 614 UPNC	GRR 614 UPNC	FRR 614 UPNC	GHR 614 UPNC	FHR 614 UPNC							N	7/16"		
	R 614 UPKC	GLR 614 UPKC	FLR 614 UPKC	GRR 614 UPKC	FRR 614 UPKC	GHR 614 UPKC	FHR 614 UPKC							K	K15		



POLIURETANO - MOLDADO

REVESTIMENTO	REFERÊNCIA	LR		RR		HR		KG	mm	mm	mm	mm	mm	+		mm	
POLIURETANO - MOLDADO	R 414 UFN	GLR 414 UFN	FLR 414 UFN	GRR 414 UFN	FRR 414 UFN	GHR 414 UFN	FHR 414 UFN	250	128	92	4"	100mm	1.1/2"	N	7/16"	7/16"	49
	R 414 UFK	GLR 414 UFK	FLR 414 UFK	GRR 414 UFK	FRR 414 UFK	GHR 414 UFK	FHR 414 UFK							K	K15		
	R 514 UFN	GLR 514 UFN	FLR 514 UFN	GRR 514 UFN	FRR 514 UFN	GHR 514 UFN	FHR 514 UFN	300	155	114	5"	125mm	1.1/2"	N	7/16"		
	R 514 UFK	GLR 514 UFK	FLR 514 UFK	GRR 514 UFK	FRR 514 UFK	GHR 514 UFK	FHR 514 UFK							K	K15		
	R 614 UFN	GLR 614 UFN	FLR 614 UFN	GRR 614 UFN	FRR 614 UFN	GHR 614 UFN	FHR 614 UFN	350	180	118	6"	150mm	1.1/2"	N	7/16"		
	R 614 UFK	GLR 614 UFK	FLR 614 UFK	GRR 614 UFK	FRR 614 UFK	GHR 614 UFK	FHR 614 UFK							K	K15		

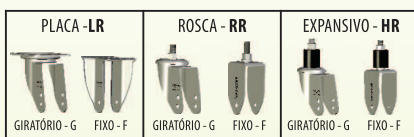


ACESSÓRIOS



Freio "OA"

CABEÇOTES



Fixação
Espiga Rosca
1/2" x 25 mm
ROSCA

Série	∅ x h
14	1/2" x 25 mm

Fixação por Expansor

60mm → MÓDULO

Série 14
Espiga Rosca
1/2" x 60 mm

TIPO DE MANCAL



TUBO	Variação do Excêntrico		Ref. do Módulo	NATUREZA DO MÓDULO			MATERIAL DO MÓDULO
	Mínimo	Máximo		AL	BO	NY	
1	21 mm	22,5 mm	GAMA	AL	BO	NY	
1.1/4	27 mm	28,5 mm	DELTA	AL	BO	NY	AL ALUMÍNIO
1.1/2	35 mm	37 mm	EPSILON	AL	BO	NY	BO BORRACHA
1.5/8	36,5 mm	38,5 mm	DZETA	AL	BO	NY	NY NYLON

Para especificar rodízios com expansivos, indicar a ref. e a natureza do módulo que constam na tabela acima. Ex: GHR 512 BP GAMA NY

SÉRIE 14 - LINHAS - LR/RR/HR - CARGAS DE ATÉ 300 kg



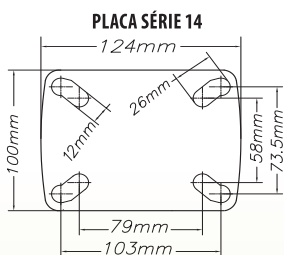
NYLON - INJETADO

REVESTIMENTO	REFERÊNCIA	LR		RR		HR		kg	mm	mm	mm	mm	mm	+	+	mm	
NYLON	R 414 NZN	GLR 414 NZN	FLR 414 NZN	GRR 414 NZN	FRR 414 NZN	GHR 414 NZN	FHR 414 NZN	125	128	92	4"	100mm	1.1/2"	N	7/16"	7/16"	49
	R 414 NZL	GLR 414 NZL	FLR 414 NZL	GRR 414 NZL	FRR 414 NZL	GHR 414 NZL	FHR 414 NZL							L	7/16"		
	R 414 NPNC	GLR 414 NPNC	FLR 414 NPNC	GRR 414 NPNC	FRR 414 NPNC	GHR 414 NPNC	FHR 414 NPNC							N	7/16"		
	R 414 NPKC	GLR 414 NPKC	FLR 414 NPKC	GRR 414 NPKC	FRR 414 NPKC	GHR 414 NPKC	FHR 414 NPKC							K	K15		
	R 514 NZN	GLR 514 NZN	FLR 514 NZN	GRR 514 NZN	FRR 514 NZN	GHR 514 NZN	FHR 514 NZN	160	155	114	5"	125mm	1.1/2"	N	7/16"		
	R 514 NZL	GLR 514 NZL	FLR 514 NZL	GRR 514 NZL	FRR 514 NZL	GHR 514 NZL	FHR 514 NZL							L	7/16"		
	R 514 NPNC	GLR 514 NPNC	FLR 514 NPNC	GRR 514 NPNC	FRR 514 NPNC	GHR 514 NPNC	FHR 514 NPNC							N	7/16"		
	R 514 NPKC	GLR 514 NPKC	FLR 514 NPKC	GRR 514 NPKC	FRR 514 NPKC	GHR 514 NPKC	FHR 514 NPKC							K	K15		
	R 614 NZN	GLR 614 NZN	FLR 614 NZN	GRR 614 NZN	FRR 614 NZN	GHR 614 NZN	FHR 614 NZN	170	180	118	6"	150mm	1.1/2"	N	7/16"		
	R 614 NZL	GLR 614 NZL	FLR 614 NZL	GRR 614 NZL	FRR 614 NZL	GHR 614 NZL	FHR 614 NZL							L	7/16"		
	R 614 NPNC	GLR 614 NPNC	FLR 614 NPNC	GRR 614 NPNC	FRR 614 NPNC	GHR 614 NPNC	FHR 614 NPNC							N	7/16"		
	R 614 NPKC	GLR 614 NPKC	FLR 614 NPKC	GRR 614 NPKC	FRR 614 NPKC	GHR 614 NPKC	FHR 614 NPKC							K	K15		

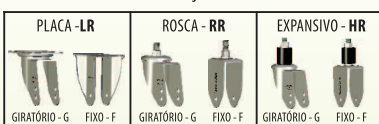


NYLON INJETADO - INTEGRAL

REVESTIMENTO	REFERÊNCIA	LR		RR		HR		kg	mm	mm	mm	mm	mm	+	+	mm	
NYLON - INTEGRAL	R 414 NNZN	GLR 414 NNZN	FLR 414 NNZN	GRR 414 NNZN	FRR 414 NNZN	GHR 414 NNZN	FHR 414 NNZN	200	128	92	4"	100mm	1.1/2"	N	7/16"	7/16"	49
	R 414 NNZL	GLR 414 NNZL	FLR 414 NNZL	GRR 414 NNZL	FRR 414 NNZL	GHR 414 NNZL	FHR 414 NNZL							L	7/16"		
	R 414 NNNC	GLR 414 NNNC	FLR 414 NNNC	GRR 414 NNNC	FRR 414 NNNC	GHR 414 NNNC	FHR 414 NNNC							N	7/16"		
	R 414 NNKC	GLR 414 NNKC	FLR 414 NNKC	GRR 414 NNKC	FRR 414 NNKC	GHR 414 NNKC	FHR 414 NNKC							K	K15		
	R 514 NNZN	GLR 514 NNZN	FLR 514 NNZN	GRR 514 NNZN	FRR 514 NNZN	GHR 514 NNZN	FHR 514 NNZN	250	155	114	5"	125mm	1.1/2"	N	7/16"		
	R 514 NNZL	GLR 514 NNZL	FLR 514 NNZL	GRR 514 NNZL	FRR 514 NNZL	GHR 514 NNZL	FHR 514 NNZL							L	7/16"		
	R 514 NNNC	GLR 514 NNNC	FLR 514 NNNC	GRR 514 NNNC	FRR 514 NNNC	GHR 514 NNNC	FHR 514 NNNC							N	7/16"		
	R 514 NNKC	GLR 514 NNKC	FLR 514 NNKC	GRR 514 NNKC	FRR 514 NNKC	GHR 514 NNKC	FHR 514 NNKC							K	K15		
	R 614 NNZN	GLR 614 NNZN	FLR 614 NNZN	GRR 614 NNZN	FRR 614 NNZN	GHR 614 NNZN	FHR 614 NNZN	300	180	118	6"	150mm	1.1/2"	N	7/16"		
	R 614 NNZL	GLR 614 NNZL	FLR 614 NNZL	GRR 614 NNZL	FRR 614 NNZL	GHR 614 NNZL	FHR 614 NNZL							L	7/16"		
	R 614 NNNC	GLR 614 NNNC	FLR 614 NNNC	GRR 614 NNNC	FRR 614 NNNC	GHR 614 NNNC	FHR 614 NNNC							N	7/16"		
	R 614 NNKC	GLR 614 NNKC	FLR 614 NNKC	GRR 614 NNKC	FRR 614 NNKC	GHR 614 NNKC	FHR 614 NNKC							K	K15		



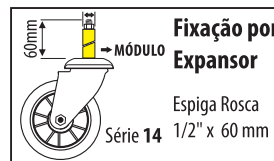
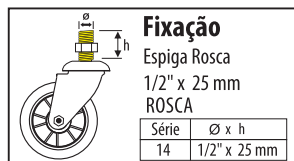
CABEÇOTES



ACESSÓRIOS



Freio "OA"



TIPO DE MANCAL



TUBO	Variação do Excêntrico		Ref. do Módulo	NATUREZA DO MÓDULO			MATERIAL DO MÓDULO
	Mínimo	Máximo		AL	BO	NY	
1	21 mm	22,5 mm	GAMA	AL	BO	NY	AL ALUMÍNIO
1.1/4	27 mm	28,5 mm	DELTA	AL	BO	NY	BO BORRACHA
1.1/2	35 mm	37 mm	EPSILON	AL	BO	NY	NY NYLON
1.5/8	36,5 mm	38,5 mm	DZETA	AL	BO		

Para especificar rodízios com expansivos, indicar a ref. e a natureza do módulo que constam na tabela acima. Ex: GHR 512 BP **GAMA NY**

SÉRIE 14 - LINHAS - LR/RR/HR - CARGAS DE ATÉ 350 kg



POLIPROPILENO - INJETADO

REVESTIMENTO	REFERÊNCIA	LR		RR		HR		KG	mm	mm	mm	mm	mm	+		mm	
POLIPROPILENO	R 414 PZN	GLR 414 PZN	FLR 414 PZN	GRR 414 PZN	FRR 414 PZN	GHR 414 PZN	FHR 414 PZN	115	128	92	4"	100mm	1.1/2"	N	7/16"	7/16"	49
	R 414 PZL	GLR 414 PZL	FLR 414 PZL	GRR 414 PZL	FRR 414 PZL	GHR 414 PZL	FHR 414 PZL							L	7/16"		
	R 414 PPNC	GLR 414 PPNC	FLR 414 PPNC	GRR 414 PPNC	FRR 414 PPNC	GHR 414 PPNC	FHR 414 PPNC							N	7/16"		
	R 414 PPKC	GLR 414 PPKC	FLR 414 PPKC	GRR 414 PPKC	FRR 414 PPKC	GHR 414 PPKC	FHR 414 PPKC							K	K15		
	R 514 PZN	GLR 514 PZN	FLR 514 PZN	GRR 514 PZN	FRR 514 PZN	GHR 514 PZN	FHR 514 PZN	150	155	114	5"	125mm	1.1/2"	N	7/16"		
	R 514 PZL	GLR 514 PZL	FLR 514 PZL	GRR 514 PZL	FRR 514 PZL	GHR 514 PZL	FHR 514 PZL							L	7/16"		
	R 514 PPNC	GLR 514 PPNC	FLR 514 PPNC	GRR 514 PPNC	FRR 514 PPNC	GHR 514 PPNC	FHR 514 PPNC							N	7/16"		
	R 514 PPKC	GLR 514 PPKC	FLR 514 PPKC	GRR 514 PPKC	FRR 514 PPKC	GHR 514 PPKC	FHR 514 PPKC							K	K15		
	R 614 PZN	GLR 614 PZN	FLR 614 PZN	GRR 614 PZN	FRR 614 PZN	GHR 614 PZN	FHR 614 PZN	160	180	118	6"	150mm	1.1/2"	N	7/16"		
	R 614 PZL	GLR 614 PZL	FLR 614 PZL	GRR 614 PZL	FRR 614 PZL	GHR 614 PZL	FHR 614 PZL							L	7/16"		
	R 614 PPNC	GLR 614 PPNC	FLR 614 PPNC	GRR 614 PPNC	FRR 614 PPNC	GHR 614 PPNC	FHR 614 PPNC							N	7/16"		
	R 614 PPKC	GLR 614 PPKC	FLR 614 PPKC	GRR 614 PPKC	FRR 614 PPKC	GHR 614 PPKC	FHR 614 PPKC							K	K15		



CELERON

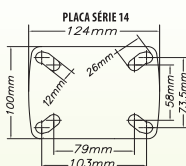
REVESTIMENTO	REFERÊNCIA	LR		RR		HR		KG	mm	mm	mm	mm	mm	+		mm	
CELERON	R 414 C	GLR 414 C	FLR 414 C	GRR 414 C	FRR 414 C	GHR 414 C	FHR 414 C	200	128	92	4"	100mm	1.1/2"		7/16"	7/16"	49
	R 514 C	GLR 514 C	FLR 514 C	GRR 514 C	FRR 514 C	GHR 514 C	FHR 514 C	250	155	114	5"	125mm			7/16"		
	R 614 C	GLR 614 C	FLR 614 C	GRR 614 C	FRR 614 C	GHR 614 C	FHR 614 C	350	180	118	6"	150mm			7/16"		



FERRO FUNDIDO

REVESTIMENTO	REFERÊNCIA	LR		RR		HR		KG	mm	mm	mm	mm	mm	+		mm	
FERRO	R 414 FN	GLR 414 FN	FLR 414 FN	GRR 414 FN	FRR 414 FN	GHR 414 FN	FHR 414 FN	250	128	92	4"	100mm	1.1/2"	N	7/16"	7/16"	49
	R 414 FK	GLR 414 FK	FLR 414 FK	GRR 414 FK	FRR 414 FK	GHR 414 FK	FHR 414 FK							K	K15		
	R 514 FN	GLR 514 FN	FLR 514 FN	GRR 514 FN	FRR 514 FN	GHR 514 FN	FHR 514 FN	300	155	114	5"	125mm	1.1/2"	N	7/16"		
	R 514 FK	GLR 514 FK	FLR 514 FK	GRR 514 FK	FRR 514 FK	GHR 514 FK	FHR 514 FK							K	K15		
	R 614 FN	GLR 614 FN	FLR 614 FN	GRR 614 FN	FRR 614 FN	GHR 614 FN	FHR 614 FN	350	180	118	6"	150mm	1.1/2"	N	7/16"		
	R 614 FK	GLR 614 FK	FLR 614 FK	GRR 614 FK	FRR 614 FK	GHR 614 FK	FHR 614 FK							K	K15		

ACESSÓRIOS



TUBO	Variação do Excêntrico		Ref. do Módulo	NATUREZA DO MÓDULO	MATERIAL DO MÓDULO
	Mínimo	Máximo			
1	21 mm	22,5 mm	GAMA	AL BO NY	AL ALUMÍNIO
1. 1/4	27 mm	28,5 mm	DELTA	AL BO NY	BO BORRACHA NY NYLON
1. 1/2	35 mm	37 mm	EPSILON	AL BO NY	BO BORRACHA NY NYLON
1. 3/4	36,5 mm	38,5 mm	DZETA	AL BO NY	BO BORRACHA NY NYLON

Para especificar rodízios com expansivos, indicar a ref. e a natureza do módulo que constam na tabela acima. Ex: GHR. 512 BP GAMA NY

TIPO DE MANCAL



SÉRIE 14 - LINHA INOX - CARGAS DE ATÉ 210 kg



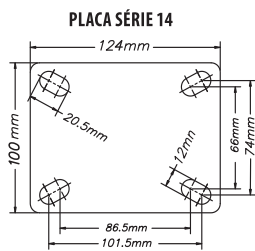
BORRACHA INJETADA - INOX

REVESTIMENTO	REFERÊNCIA							kg	mm	mm					mm			
		LRX		RRX		HRX												
BORRACHA	R 414 BZN	GLRX 414 BZN	FLRX 414 BZN	GRRX 414 BZN	FRRX 414 BZN	GHRX 414 BZN	FHRX 414 BZN	60	128	92	4"	100mm	1.1/2"	N		7/16"	7/16"	49
	R 414 BZL	GLRX 414 BZL	FLRX 414 BZL	GRRX 414 BZL	FRRX 414 BZL	GHRX 414 BZL	FHRX 414 BZL							L		7/16"		
	R 414 BPNC	GLRX 414 BPNC	FLRX 414 BPNC	GRRX 414 BPNC	FRRX 414 BPNC	GHRX 414 BPNC	FHRX 414 BPNC							N		7/16"		
	R 414 BPKC	GLRX 414 BPKC	FLRX 414 BPKC	GRRX 414 BPKC	FRRX 414 BPKC	GHRX 414 BPKC	FHRX 414 BPKC							K		K15		
	R 514 BZN	GLRX 514 BZN	FLRX 514 BZN	GRRX 514 BZN	FRRX 514 BZN	GHRX 514 BZN	FHRX 514 BZN	80	160	114	5"	125mm	1.1/2"	N		7/16"		
	R 514 BZL	GLRX 514 BZL	FLRX 514 BZL	GRRX 514 BZL	FRRX 514 BZL	GHRX 514 BZL	FHRX 514 BZL							L		7/16"		
	R 514 BPNC	GLRX 514 BPNC	FLRX 514 BPNC	GRRX 514 BPNC	FRRX 514 BPNC	GHRX 514 BPNC	FHRX 514 BPNC							N		7/16"		
	R 514 BPKC	GLRX 514 BPKC	FLRX 514 BPKC	GRRX 514 BPKC	FRRX 514 BPKC	GHRX 514 BPKC	FHRX 514 BPKC							K		K15		
	R 614 BZN	GLRX 614 BZN	FLRX 614 BZN	GRRX 614 BZN	FRRX 614 BZN	GHRX 614 BZN	FHRX 614 BZN	90	180	118	6"	150mm	1.1/2"	N		7/16"		
	R 614 BZL	GLRX 614 BZL	FLRX 614 BZL	GRRX 614 BZL	FRRX 614 BZL	GHRX 614 BZL	FHRX 614 BZL							L		7/16"		
	R 614 BPNC	GLRX 614 BPNC	FLRX 614 BPNC	GRRX 614 BPNC	FRRX 614 BPNC	GHRX 614 BPNC	FHRX 614 BPNC							N		7/16"		
	R 614 BPKC	GLRX 614 BPKC	FLRX 614 BPKC	GRRX 614 BPKC	FRRX 614 BPKC	GHRX 614 BPKC	FHRX 614 BPKC							K		K15		



NYLON INJETADO INTEGRAL - INOX

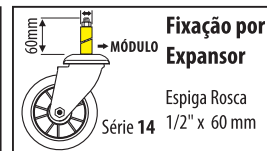
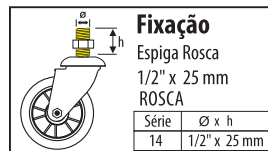
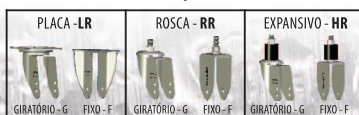
REVESTIMENTO	REFERÊNCIA							kg	mm	mm					mm			
		LRX		RRX		HRX												
NYLON - INTEGRAL	R 414 NNZN	GLRX 414 NNZN	FLRX 414 NNZN	GRRX 414 NNZN	FRRX 414 NNZN	GHRX 414 NNZN	FHRX 414 NNZN	140	128	92	4"	100mm	1.1/2"	N		7/16"	7/16"	49
	R 414 NNZL	GLRX 414 NNZL	FLRX 414 NNZL	GRRX 414 NNZL	FRRX 414 NNZL	GHRX 414 NNZL	FHRX 414 NNZL							L		7/16"		
	R 414 NNNC	GLRX 414 NNNC	FLRX 414 NNNC	GRRX 414 NNNC	FRRX 414 NNNC	GHRX 414 NNNC	FHRX 414 NNNC							N		7/16"		
	R 414 NNKC	GLRX 414 NNKC	FLRX 414 NNKC	GRRX 414 NNKC	FRRX 414 NNKC	GHRX 414 NNKC	FHRX 414 NNKC							K		K15		
	R 514 NNZN	GLRX 514 NNZN	FLRX 514 NNZN	GRRX 514 NNZN	FRRX 514 NNZN	GHRX 514 NNZN	FHRX 514 NNZN	175	160	114	5"	125mm	1.1/2"	N		7/16"		
	R 514 NNZL	GLRX 514 NNZL	FLRX 514 NNZL	GRRX 514 NNZL	FRRX 514 NNZL	GHRX 514 NNZL	FHRX 514 NNZL							L		7/16"		
	R 514 NNNC	GLRX 514 NNNC	FLRX 514 NNNC	GRRX 514 NNNC	FRRX 514 NNNC	GHRX 514 NNNC	FHRX 514 NNNC							N		7/16"		
	R 514 NNKC	GLRX 514 NNKC	FLRX 514 NNKC	GRRX 514 NNKC	FRRX 514 NNKC	GHRX 514 NNKC	FHRX 514 NNKC							K		K15		
	R 614 NNZN	GLRX 614 NNZN	FLRX 614 NNZN	GRRX 614 NNZN	FRRX 614 NNZN	GHRX 614 NNZN	FHRX 614 NNZN	210	180	118	6"	150mm	1.1/2"	N		7/16"		
	R 614 NNZL	GLRX 614 NNZL	FLRX 614 NNZL	GRRX 614 NNZL	FRRX 614 NNZL	GHRX 614 NNZL	FHRX 614 NNZL							L		7/16"		
	R 614 NNNC	GLRX 614 NNNC	FLRX 614 NNNC	GRRX 614 NNNC	FRRX 614 NNNC	GHRX 614 NNNC	FHRX 614 NNNC							N		7/16"		
	R 614 NNKC	GLRX 614 NNKC	FLRX 614 NNKC	GRRX 614 NNKC	FRRX 614 NNKC	GHRX 614 NNKC	FHRX 614 NNKC							K		K15		



ACESSÓRIOS



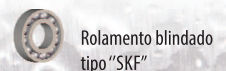
CABEÇOTES



TUBO	Variação do Excêntrico		Ref. do Módulo	NATUREZA DO MÓDULO			MATERIAL DO MÓDULO
	Mínimo	Máximo		AL	BO	NY	
1	21 mm	22,5 mm	GAMA	AL	BO	NY	AL ALUMÍNIO BO BORRACHA NY NYLON
1.¼	27 mm	28,5 mm	DELTA	AL	BO	NY	
1.½	35 mm	37 mm	EPSILON	AL	BO	NY	
1.5/8	36,5 mm	38,5 mm	DZETA	AL	BO	NY	

Para especificar rodízios com expansivos, indicar a ref. e a natureza do módulo que constam na tabela acima. Ex: GHR 512 BP GAMA NY

TIPO DE MANCAL





BORRACHA - INJETADA

REVESTIMENTO	REFERÊNCIA	IR		kg	mm	mm	mm	mm	mm	+			mm
										N	L	K	
BORRACHA	R 414 BZN	GIR 414 BZN	FIR 414 BZN	110	130	94	4" 100mm	1.1/2"	N		7/16"	7/16"	49
	R 414 BZL	GIR 414 BZL	FIR 414 BZL						L		7/16"		
	R 414 BPNC	GIR 414 BPNC	FIR 414 BPNC						N		7/16"		
	R 414 BPKC	GIR 414 BPKC	FIR 414 BPKC						K		K15		
	R 514 BZN	GIR 514 BZN	FIR 514 BZN	125	162	104	5" 125mm	1.1/2"	N		7/16"		
	R 514 BZL	GIR 514 BZL	FIR 514 BZL						L		7/16"		
	R 514 BPNC	GIR 514 BPNC	FIR 514 BPNC						N		7/16"		
	R 514 BPKC	GIR 514 BPKC	FIR 514 BPKC						K		K15		
	R 614 BZN	GIR 614 BZN	FIR 614 BZN	165	184	116	6" 150mm	1.1/2"	N		7/16"		
	R 614 BZL	GIR 614 BZL	FIR 614 BZL						L		7/16"		
	R 614 BPNC	GIR 614 BPNC	FIR 614 BPNC						N		7/16"		
	R 614 BPKC	GIR 614 BPKC	FIR 614 BPKC						K		K15		



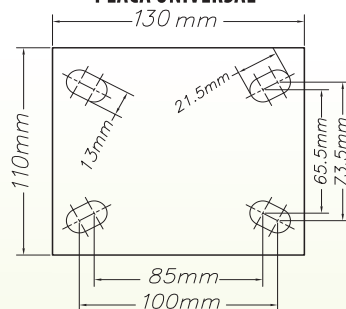
BORRACHA - MOLDADA

REVESTIMENTO	REFERÊNCIA	IR		kg	mm	mm	mm	mm	mm	+			mm
										N	L	K	
BORRACHA	R 414 BFN	GIR 414 BFN	FIR 414 BFN	150	130	94	4" 100mm	1.1/2"	N		7/16"	7/16"	49
	R 414 BFK	GIR 414 BFK	FIR 414 BFK						K		K15		
	R 514 BFN	GIR 514 BFN	FIR 514 BFN	175	162	104	5" 125mm	1.1/2"	N		7/16"		
	R 514 BFK	GIR 514 BFK	FIR 514 BFK						K		K15		
	R 614 BFN	GIR 614 BFN	FIR 614 BFN	200	184	116	6" 150mm	1.1/2"	N		7/16"		
	R 614 BFK	GIR 614 BFK	FIR 614 BFK						K		K15		

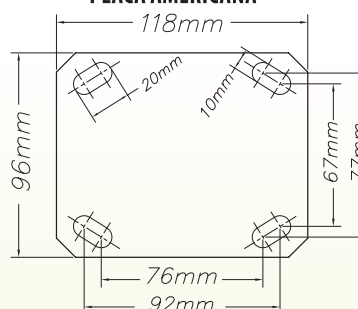
ACESSÓRIOS



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TIPO DE MANCAL

- Bucha de Nylon Grafitado
- 4 Buchas "Orbitais" de Nylon Grafitado
- Rolamento de Roletes
- Rolamento blindado tipo "SKF"



BORRACHA TERMOPLÁSTICA - INJETADA

REVESTIMENTO	REFERÊNCIA	IR		kg	mm	mm	mm	mm	mm	+			+	mm
										N	L	K		
BORRACHA	R 414 TZN	GIR 414 TZN	FIR 414 TZN	110	130	94	4" 100mm	1.1/2"	N		7/16"	7/16"	49	
	R 414 TZL	GIR 414 TZL	FIR 414 TZL						L		7/16"			
	R 414 TPNC	GIR 414 TPNC	FIR 414 TPNC						N		7/16"			
	R 414 TPKC	GIR 414 TPKC	FIR 414 TPKC						K		K15			
	R 514 TZN	GIR 514 TZN	FIR 514 TZN	125	162	104	5" 125mm	1.1/2"	N		7/16"			
	R 514 TZL	GIR 514 TZL	FIR 514 TZL						L		7/16"			
	R 514 TPNC	GIR 514 TPNC	FIR 514 TPNC						N		7/16"			
	R 514 TPKC	GIR 514 TPKC	FIR 514 TPKC						K		K15			
	R 614 TZN	GIR 614 TZN	FIR 614 TZN	165	184	116	6" 150mm	1.1/2"	N		7/16"			
	R 614 TZL	GIR 614 TZL	FIR 614 TZL						L		7/16"			
	R 614 TPNC	GIR 614 TPNC	FIR 614 TPNC						N		7/16"			
	R 614 TPKC	GIR 614 TPKC	FIR 614 TPKC						K		K15			



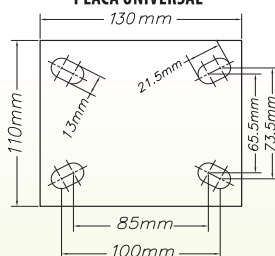
BORRACHA SOFT - INJETADA

REVESTIMENTO	REFERÊNCIA	IR		kg	mm	mm	mm	mm	mm	+			+	mm
										N	L	K		
BORRACHA	R 414 SZN	GIR 414 SZN	FIR 414 SZN	85	130	94	4" 100mm	1.1/2"	N		7/16"	7/16"	49	
	R 414 SZL	GIR 414 SZL	FIR 414 SZL						L		7/16"			
	R 414 SPNC	GIR 414 SPNC	FIR 414 SPNC						N		7/16"			
	R 414 SPKC	GIR 414 SPKC	FIR 414 SPKC						K		K15			
	R 514 SZN	GIR 514 SZN	FIR 514 SZN	115	162	104	5" 125mm	1.1/2"	N		7/16"			
	R 514 SZL	GIR 514 SZL	FIR 514 SZL						L		7/16"			
	R 514 SPNC	GIR 514 SPNC	FIR 514 SPNC						N		7/16"			
	R 514 SPKC	GIR 514 SPKC	FIR 514 SPKC						K		K15			
	R 614 SZN	GIR 614 SZN	FIR 614 SZN	125	184	116	6" 150mm	1.1/2"	N		7/16"			
	R 614 SZL	GIR 614 SZL	FIR 614 SZL						L		7/16"			
	R 614 SPNC	GIR 614 SPNC	FIR 614 SPNC						N		7/16"			
	R 614 SPKC	GIR 614 SPKC	FIR 614 SPKC						K		K15			

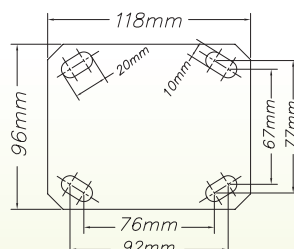
ACESSÓRIOS



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TIPO DE MANCAL



Bucha de Nylon Grafitado



Rolamento de Roletes



4 Buchas "Orbitais" de Nylon Grafitado



Rolamento blindado tipo "SKF"

SÉRIE 14 - LINHA - IR - CARGAS DE ATÉ 400 kg



POLIURETANO - INJETADO

REVESTIMENTO	REFERÊNCIA	IR		KG	mm	mm	mm	mm	mm	+			+	mm
										N	L	K		
POLIURETANO	R 414 UZN	GIR 414 UZN	FIR 414 UZN	125	130	94	4" 100mm	1.1/2"	N	—	7/16"	7/16"	49	
	R 414 UZL	GIR 414 UZL	FIR 414 UZL						L	—	7/16"			
	R 414 UPNC	GIR 414 UPNC	FIR 414 UPNC						N		7/16"			
	R 414 UPKC	GIR 414 UPKC	FIR 414 UPKC						K		K15			
	R 514 UZN	GIR 514 UZN	FIR 514 UZN	160	162	104	5" 125mm	1.1/2"	N	—	7/16"			
	R 514 UZL	GIR 514 UZL	FIR 514 UZL						L	—	7/16"			
	R 514 UPNC	GIR 514 UPNC	FIR 514 UPNC						N		7/16"			
	R 514 UPKC	GIR 514 UPKC	FIR 514 UPKC						K		K15			
	R 614 UZN	GIR 614 UZN	FIR 614 UZN	170	184	116	6" 150mm	1.1/2"	N	—	7/16"			
	R 614 UZL	GIR 614 UZL	FIR 614 UZL						L	—	7/16"			
	R 614 UPNC	GIR 614 UPNC	FIR 614 UPNC						N		7/16"			
	R 614 UPKC	GIR 614 UPKC	FIR 614 UPKC						K		K15			



POLIURETANO MOLDADO - ALUMÍNIO - 80 SHORE A

REVESTIMENTO	REFERÊNCIA	IR		KG	mm	mm	mm	mm	+			+	mm
									K		K15		
POLIURETANO	R 514 UAK	GIR 514 UAK	FIR 414 UAK	400	162	104	5"	1.1/2"	K		K15	7/16"	49



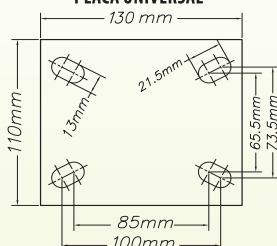
POLIURETANO - MOLDADO

REVESTIMENTO	REFERÊNCIA	IR		KG	mm	mm	mm	mm	+			+	mm
									N	L	K		
POLIURETANO - MOLDADO	R 414 UFN	GIR 414 UFN	FIR 414 UFN	350	130	94	4" 100mm	1.1/2"	N	—	7/16"	7/16"	49
	R 414 UFK	GIR 414 UFK	FIR 414 UFK						K		K15		
	R 514 UFN	GIR 514 UFN	FIR 514 UFN	400	162	104	5" 125mm	1.1/2"	N	—	7/16"		
	R 514 UFK	GIR 514 UFK	FIR 514 UFK						K		K15		
	R 614 UFN	GIR 614 UFN	FIR 614 UFN	400	184	116	6" 150mm	1.1/2"	N	—	7/16"		
	R 614 UFK	GIR 614 UFK	FIR 614 UFK						K		K15		

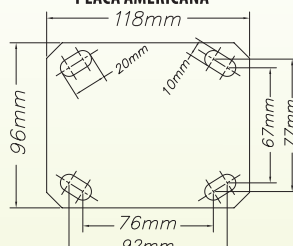
ACESSÓRIOS



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TIPO DE MANCAL



Bucha de Nylon Grafitado



Rolamento de Roletes



4 Buchas "Orbitais" de Nylon Grafitado



Rolamento blindado tipo "SKF"



NYLON - INJETADO

REVESTIMENTO	REFERÊNCIA	IR		kg	mm	mm	mm	mm	mm	+			+	mm
										N	L	K		
NYLON	R 414 NZN	GIR 414 NZN	FIR 414 NZN	125	130	94	4" 100mm	1.1/2"	N		7/16"	7/16"	49	
	R 414 NZL	GIR 414 NZL	FIR 414 NZL						L		7/16"			
	R 414 NPNC	GIR 414 NPNC	FIR 414 NPNC						N		7/16"			
	R 414 NPKC	GIR 414 NPKC	FIR 414 NPKC						K		K15			
	R 514 NZN	GIR 514 NZN	FIR 514 NZN	160	162	104	5" 125mm	1.1/2"	N		7/16"			
	R 514 NZL	GIR 514 NZL	FIR 514 NZL						L		7/16"			
	R 514 NPNC	GIR 514 NPNC	FIR 514 NPNC						N		7/16"			
	R 514 NPKC	GIR 514 NPKC	FIR 514 NPKC						K		K15			
	R 614 NZN	GIR 614 NZN	FIR 614 NZN	170	184	116	6" 150mm	1.1/2"	N		7/16"			
	R 614 NZL	GIR 614 NZL	FIR 614 NZL						L		7/16"			
	R 614 NPNC	GIR 614 NPNC	FIR 614 NPNC						N		7/16"			
	R 614 NPKC	GIR 614 NPKC	FIR 614 NPKC						K		K15			



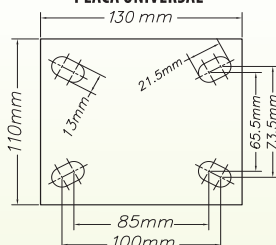
NYLON INJETADO - INTEGRAL

REVESTIMENTO	REFERÊNCIA	IR		kg	mm	mm	mm	mm	mm	+			+	mm
										N	L	K		
NYLON - INTEGRAL	R 414 NNZN	GIR 414 NNZN	FIR 414 NNZN	200	130	94	4" 100mm	1.1/2"	N		7/16"	7/16"	49	
	R 414 NNZL	GIR 414 NNZL	FIR 414 NNZL						L		7/16"			
	R 414 NNNC	GIR 414 NNNC	FIR 414 NNNC						N		7/16"			
	R 414 NNKC	GIR 414 NNKC	FIR 414 NNKC						K		K15			
	R 514 NNZN	GIR 514 NNZN	FIR 514 NNZN	250	162	104	5" 125mm	1.1/2"	N		7/16"			
	R 514 NNZL	GIR 514 NNZL	FIR 514 NNZL						L		7/16"			
	R 514 NNNC	GIR 514 NNNC	FIR 514 NNNC						N		7/16"			
	R 514 NNKC	GIR 514 NNKC	FIR 514 NNKC						K		K15			
	R 614 NNZN	GIR 614 NNZN	FIR 614 NNZN	300	184	116	6" 150mm	1.1/2"	N		7/16"			
	R 614 NNZL	GIR 614 NNZL	FIR 614 NNZL						L		7/16"			
	R 614 NNNC	GIR 614 NNNC	FIR 614 NNNC						N		7/16"			
	R 614 NNKC	GIR 614 NNKC	FIR 614 NNKC						K		K15			

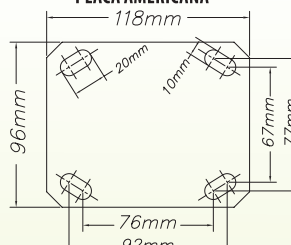
ACESSÓRIOS



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TIPO DE MANCAL



SÉRIE 14 - LINHA - IR - CARGAS DE ATÉ 350 kg



POLIPROPILENO - INJETADO

REVESTIMENTO	REFERÊNCIA	IR		KG	mm	mm	mm	mm	mm	+			mm
										N	L	K	
POLIPROPILENO	R 414 PZN	GIR 414 PZN	FIR 414 PZN	115	130	94	4" 100mm	1.1/2"	N	7/16"	7/16"	49	
	R 414 PZL	GIR 414 PZL	FIR 414 PZL						L	7/16"			
	R 414 PPNC	GIR 414 PPNC	FIR 414 PPNC						N	7/16"			
	R 414 PPKC	GIR 414 PPKC	FIR 414 PPKC						K	K15			
	R 514 PZN	GIR 514 PZN	FIR 514 PZN	150	162	104	5" 125mm	1.1/2"	N	7/16"			
	R 514 PZL	GIR 514 PZL	FIR 514 PZL						L	7/16"			
	R 514 PPNC	GIR 514 PPNC	FIR 514 PPNC						N	7/16"			
	R 514 PPKC	GIR 514 PPKC	FIR 514 PPKC						K	K15			
	R 614 PZN	GIR 614 PZN	FIR 614 PZN	160	184	116	6" 150mm	1.1/2"	N	7/16"			
	R 614 PZL	GIR 614 PZL	FIR 614 PZL						L	7/16"			
	R 614 PPNC	GIR 614 PPNC	FIR 614 PPNC						N	7/16"			
	R 614 PPKC	GIR 614 PPKC	FIR 614 PPKC						K	K15			



CELERON

REVESTIMENTO	REFERÊNCIA	IR		KG	mm	mm	mm	mm	mm	+			mm
										N	L	K	
CELERON	R 414 C	GIR 414 C	FIR 414 C	200	130	94	4" 100mm	1.1/2"	N	7/16"	7/16"	49	
	R 514 C	GIR 514 C	FIR 514 C	250	162	104	5" 100mm		L	7/16"			
	R 614 C	GIR 614 C	FIR 614 C	300	184	116	6" 100mm		N	7/16"			



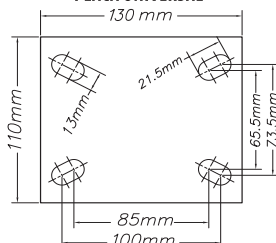
FERRO FUNDIDO

REVESTIMENTO	REFERÊNCIA	IR		KG	mm	mm	mm	mm	mm	+			mm
										N	L	K	
FERRO	R 414 FN	GIR 414 FN	FIR 414 FN	250	130	94	4" 100mm	1.1/2"	N	7/16"	7/16"	49	
	R 414 FK	GIR 414 FK	FIR 414 FK						K	K15			
	R 514 FN	GIR 514 FN	FIR 514 FN	300	162	104	5" 125mm	1.1/2"	N	7/16"			
	R 514 FK	GIR 514 FK	FIR 514 FK						K	K15			
	R 614 FN	GIR 614 FN	FIR 614 FN	350	184	116	6" 150mm	1.1/2"	N	7/16"			
	R 614 FK	GIR 614 FK	FIR 614 FK						K	K15			

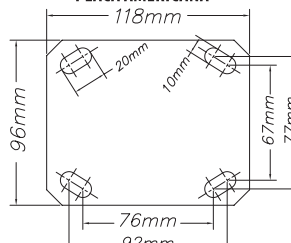
ACESSÓRIOS



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TIPO DE MANCAL





BORRACHA INJETADA - INOX

REVESTIMENTO	REFERÊNCIA	IRX		kg	mm	mm	mm	mm	mm	+			mm
BORRACHA	R 414 BZN	GIRX 414 BZN	FIRX 414 BZN	60	130	94	4" 100mm	1.1/2"	N		7/16"	7/16"	49
	R 414 BZL	GIRX 414 BZL	FIRX 414 BZL						L		7/16"		
	R 414 BPNC	GIRX 414 BPNC	FIRX 414 BPNC						N		7/16"		
	R 414 BPKC	GIRX 414 BPKC	FIRX 414 BPKC						K		K15		
	R 514 BZN	GIRX 514 BZN	FIRX 514 BZN	80	162	104	5" 125mm	1.1/2"	N		7/16"		
	R 514 BZL	GIRX 514 BZL	FIRX 514 BZL						L		7/16"		
	R 514 BPNC	GIRX 514 BPNC	FIRX 514 BPNC						N		7/16"		
	R 514 BPKC	GIRX 514 BPKC	FIRX 514 BPKC						K		K15		
	R 614 BZN	GIRX 614 BZN	FIRX 614 BZN	90	184	116	6" 150mm	1.1/2"	N		7/16"		
	R 614 BZL	GIRX 614 BZL	FIRX 614 BZL						L		7/16"		
	R 614 BPNC	GIRX 614 BPNC	FIRX 614 BPNC						N		7/16"		
	R 614 BPKC	GIRX 614 BPKC	FIRX 614 BPKC						K		K15		



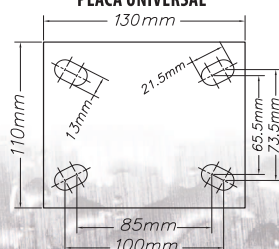
NYLON INJETADO INTEGRAL - INOX

REVESTIMENTO	REFERÊNCIA	IRX		kg	mm	mm	mm	mm	mm	+			mm
NYLON - INTEGRAL	R 414 NNZN	GIRX 414 NNZN	FIRX 414 NNZN	140	130	94	4" 100mm	1.1/2"	N		7/16"	7/16"	49
	R 414 NNZL	GIRX 414 NNZL	FIRX 414 NNZL						L		7/16"		
	R 414 NNNC	GIRX 414 NNNC	FIRX 414 NNNC						N		7/16"		
	R 414 NNKC	GIRX 414 NNKC	FIRX 414 NNKC						K		K15		
	R 514 NNZN	GIRX 514 NNZN	FIRX 514 NNZN	175	162	104	5" 125mm	1.1/2"	N		7/16"		
	R 514 NNZL	GIRX 514 NNZL	FIRX 514 NNZL						L		7/16"		
	R 514 NNNC	GIRX 514 NNNC	FIRX 514 NNNC						N		7/16"		
	R 514 NNKC	GIRX 514 NNKC	FIRX 514 NNKC						K		K15		
	R 614 NNZN	GIRX 614 NNZN	FIRX 614 NNZN	210	184	116	6" 150mm	1.1/2"	N		7/16"		
	R 614 NNZL	GIRX 614 NNZL	FIRX 614 NNZL						L		7/16"		
	R 614 NNNC	GIRX 614 NNNC	FIRX 614 NNNC						N		7/16"		
	R 614 NNKC	GIRX 614 NNKC	FIRX 614 NNKC						K		K15		

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TIPO DE MANCAL



Bucha de Nylon Grafitado



Rolamento de Roletas



4 Buchas "Orbitais" de Nylon Grafitado



Rolamento blindado tipo "SKF"



BORRACHA - INJETADA

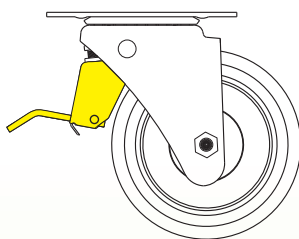
REVESTIMENTO	REFERÊNCIA	IR		kg	mm	mm	mm	mm	+			mm	
BORRACHA	R 816E - BPN	GIR 816E - BPN	FIR 816E - BPN	175	245	154	8" 200mm	1.5/8"	N		7/8"	5/8"	62
	R 816E - BPL	GIR 816E - BPL	FIR 816E - BPL						L		7/8"		
	R 816E - BPK	GIR 816E - BPK	FIR 816E - BPK						K		K20		
	R 1016E - BPN	GIR 1016E - BPN	FIR 1016E - BPN	250	280	186	10" 250mm	1.5/8"	N		7/8"		
	R 1016E - BPL	GIR 1016E - BPL	FIR 1016E - BPL						L		7/8"		
	R 1016E - BPK	GIR 1016E - BPK	FIR 1016E - BPK						K		K20		



BORRACHA SOFT - INJETADA

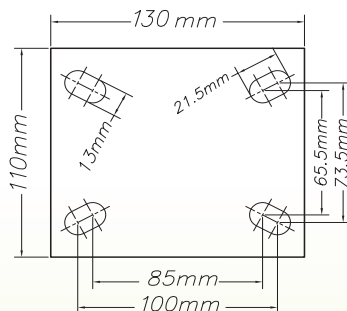
REVESTIMENTO	REFERÊNCIA	IR		kg	mm	mm	mm	mm	+			mm	
SOFT	R 816E - SPN	GIR 816E - SPN	FIR 816E - SPN	150	245	154	8" 200mm	1.5/8"	N		7/8"	5/8"	62
	R 816E - SPL	GIR 816E - SPL	FIR 816E - SPL						L		7/8"		
	R 816E - SPK	GIR 816E - SPK	FIR 816E - SPK						K		K20		
	R 1016E - SPN	GIR 1016E - SPN	FIR 1016E - SPN	215	280	186	10" 250mm	1.5/8"	N		7/8"		
	R 1016E - SPL	GIR 1016E - SPL	FIR 1016E - SPL						L		7/8"		
	R 1016E - SPK	GIR 1016E - SPK	FIR 1016E - SPK						K		K20		

ACESSÓRIOS

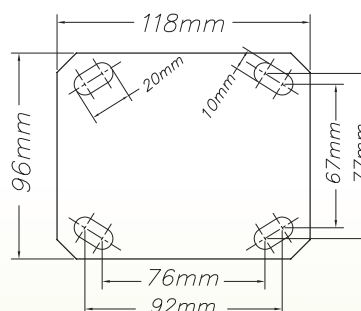


Freio "OA"

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TIPO DE MANCAL

- Bucha de Nylon Grafitado
- Rolamentos de Roletes
- Rolamento blindado tipo "SKF"

SÉRIE 16 - LINHA - IR - CARGAS DE ATÉ 300 kg



BORRACHA - INJETADA

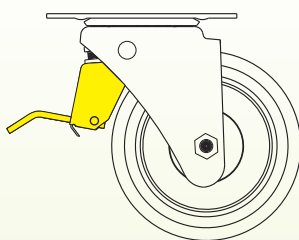
REVESTIMENTO	REFERÊNCIA	IR		kg	mm	mm	mm	mm	+			+	mm
									+	+	+		
BORRACHA	R 816 - BPN	GIR 816 - BPN	FIR 816 - BPN	200	245	154	8" 200mm	1.3/4"	N	-	7/8"	5/8"	62
	R 816 - BPL	GIR 816 - BPL	FIR 816 - BPL						L	-	7/8"		
	R 816 - BPK	GIR 816 - BPK	FIR 816 - BPK						K		K20		
	R 916 - BPN	GIR 916 - BPN	FIR 916 - BPN	250	280	176	9" 225mm	1.3/4"	N	-	7/8"		
	R 916 - BPL	GIR 916 - BPL	FIR 916 - BPL						L	-	7/8"		
	R 916 - BPK	GIR 916 - BPK	FIR 916 - BPK						K		K20		
	R 1016 - BPN	GIR 1016 - BPN	FIR 1016 - BPN	300	285	186	10" 250mm	1.3/4"	N	-	7/8"		
	R 1016 - BPL	GIR 1016 - BPL	FIR 1016 - BPL						L	-	7/8"		
	R 1016 - BPK	GIR 1016 - BPK	FIR 1016 - BPK						K		K20		



BORRACHA SOFT - INJETADA

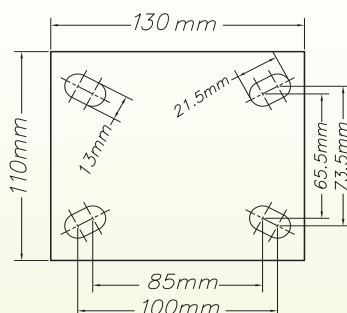
REVESTIMENTO	REFERÊNCIA	IR		kg	mm	mm	mm	mm	+			+	mm
									+	+	+		
BORRACHA	R 816 - SPN	GIR 816 - SPN	FIR 816 - SPN	175	245	154	8" 200mm	1.3/4"	N	-	7/8"	5/8"	62
	R 816 - SPL	GIR 816 - SPL	FIR 816 - SPL						L	-	7/8"		
	R 816 - SPK	GIR 816 - SPK	FIR 816 - SPK						K		K20		
	R 916 - SPN	GIR 916 - SPN	FIR 916 - SPN	200	280	176	9" 225mm	1.3/4"	N	-	7/8"		
	R 916 - SPL	GIR 916 - SPL	FIR 916 - SPL						L	-	7/8"		
	R 916 - SPK	GIR 916 - SPK	FIR 916 - SPK						K		K20		
	R 1016 - SPN	GIR 1016 - SPN	FIR 1016 - SPN	250	285	186	10" 250mm	1.3/4"	N	-	7/8"		
	R 1016 - SPL	GIR 1016 - SPL	FIR 1016 - SPL						L	-	7/8"		
	R 1016 - SPK	GIR 1016 - SPK	FIR 1016 - SPK						K		K20		

ACESSÓRIOS

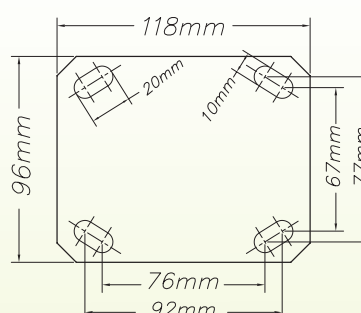


Freio "OA"

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TIPO DE MANCAL

- Bucha de Nylon Grafitado
- Rolamentos de Roletes
- Rolamento blindado tipo "SKF"



BORRACHA INJETADA SÉRIE E - INOX

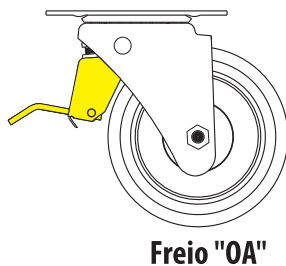
REVESTIMENTO	REFERÊNCIA	IRX		kg	mm	mm	mm	mm	+			+	mm
BORRACHA	R 816E - BPN	GIRX 816E - BPN	FIRX 816E - BPN	125	245	154	8" 200mm	1.5/8"	N		7/8"	5/8"	62
	R 816E - BPL	GIRX 816E - BPL	FIRX 816E - BPL						L		7/8"		
	R 816E - BPK	GIRX 816E - BPK	FIRX 816E - BPK						K		K20"		
	R 1016E - BPN	GIRX 1016E - BPN	FIRX 1016E - BPN	175	280	186	10" 250mm	1.5/8"	N		7/8"		
	R 1016E - BPL	GIRX 1016E - BPL	FIRX 1016E - BPL						L		7/8"		
	R 1016E - BPK	GIRX 1016E - BPK	FIRX 1016E - BPK						K		K20"		



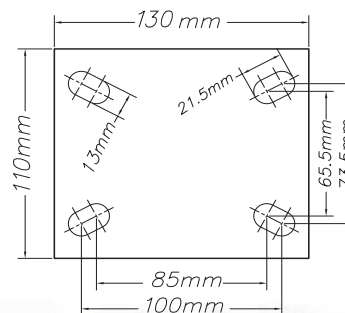
BORRACHA INJETADA - INOX

REVESTIMENTO	REFERÊNCIA	IRX		kg	mm	mm	mm	mm	+			+	mm
BORRACHA	R 816 - BPN	GIRX 816 - BPN	FIRX 816 - BPN	140	245	154	8" 200mm	1.3/4"	N		7/8"	5/8"	62
	R 816 - BPL	GIRX 816 - BPL	FIRX 816 - BPL						L		7/8"		
	R 816 - BPK	GIRX 816 - BPK	FIRX 816 - BPK						K		K20"		
	R 916 - BPN	GIRX 916 - BPN	FIRX 916 - BPN	175	280	176	9" 225mm	1.3/4"	N		7/8"		
	R 916 - BPL	GIRX 916 - BPL	FIRX 916 - BPL						L		7/8"		
	R 916 - BPK	GIRX 916 - BPK	FIRX 916 - BPK						K		K20"		
	R 1016 - BPN	GIRX 1016 - BPN	FIRX 1016 - BPN	210	285	186	10" 250mm	1.3/4"	N		7/8"		
	R 1016 - BPL	GIRX 1016 - BPL	FIRX 1016 - BPL						L		7/8"		
	R 1016 - BPK	GIRX 1016 - BPK	FIRX 1016 - BPK						K		K20"		

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TIPO DE MANCAL

- Bucha de Nylon Grafitado
- Rolamentos de Roletes
- Rolamento blindado tipo "SKF"



BORRACHA - INJETADA

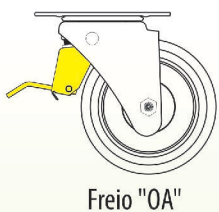
REVESTIMENTO	REFERÊNCIA	IR		kg	mm	mm	mm	mm	+			mm	mm
									N	L	K		
BORRACHA	R 52 BPN	GIR 52 BPN	FIR 52 BPN	200	166	107	5" 125mm	2"	N	■	5/8"	1/2"	62
	R 52 BPL	GIR 52 BPL	FIR 52 BPL						L	■	5/8"		
	R 52 BPK	GIR 52 BPK	FIR 52 BPK						K		K15		
	R 62 BPN	GIR 62 BPN	FIR 62 BPN	250	191	122	6" 150mm	2"	N	■	5/8"	5/8"	
	R 62 BPL	GIR 62 BPL	FIR 62 BPL						L	■	5/8"		
	R 62 BPK	GIR 62 BPK	FIR 62 BPK						K		K15		
	R 82 BPN	GIR 82 BPN	FIR 82 BPN	300	248	154	8" 200mm	2"	N	■	7/8"	5/8"	
	R 82 BPL	GIR 82 BPL	FIR 82 BPL						L	■	7/8"		
	R 82 BPK	GIR 82 BPK	FIR 82 BPK						K		K20		
	R 102 BPN	GIR 102 BPN	FIR 102 BPN	350	287	186	10" 250mm	2"	N	■	7/8"	5/8"	
	R 102 BPL	GIR 102 BPL	FIR 102 BPL						L	■	7/8"		
	R 102 BPK	GIR 102 BPK	FIR 102 BPK						K		K20		



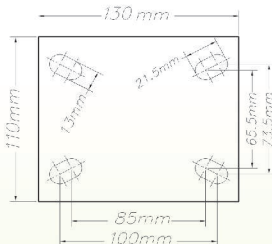
BORRACHA - MOLDADA

REVESTIMENTO	REFERÊNCIA	IR		kg	mm	mm	mm	mm	+			mm	mm
									N	L	K		
BORRACHA	R 52 BFN	GIR 52 BFN	FIR 52 BFN	200	166	107	5" 125mm	2"	N	■	5/8"	1/2"	62
	R 52 BFK	GIR 52 BFK	FIR 52 BFK						K		K15		
	R 62 BFN	GIR 62 BFN	FIR 62 BFN	250	191	122	6" 150mm	2"	N	■	5/8"		
	R 62 BFK	GIR 62 BFK	FIR 62 BFK						K		K15		
	R 82 BFK	GIR 82 BFK	FIR 82 BFK	300	245	154	8" 200mm	2"	K		K20	5/8"	
	R 102 BFK	GIR 102 BFK	FIR 102 BFK	350	287	186	10" 250mm	2"	K		K20		

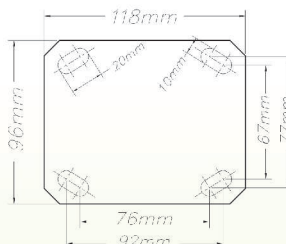
ACESSÓRIOS



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Fixação por Espiga Lisa
Espiga Lisa:
Ø 31,75 mm x 150 mm
Ø 33,5 mm x 150 mm

Série 2

TIPO DE MANCAL

- Bucha de Nylon Grafitado
- Rolamento de Roletes
- Rolamento blindado tipo "SKF"

SÉRIE 2 - LINHA - IR - CARGAS DE ATÉ 370 kg



BORRACHA TERMOPLÁSTICA - INJETADA

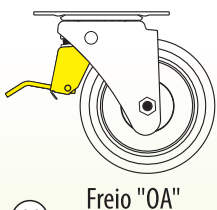
REVESTIMENTO	REFERÊNCIA	IR		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
BORRACHA	R 52 TPN	GIR 52 TPN	FIR 52 TPN	220	166	107	5" 125mm	2"	N	—	5/8"	1/2"	62
	R 52 TPL	GIR 52 TPL	FIR 52 TPL						L	—	5/8"		
	R 52 TPK	GIR 52 TPK	FIR 52 TPK						K		K15		
	R 62 TPN	GIR 62 TPN	FIR 62 TPN	270	191	122	6" 150mm	2"	N	—	5/8"	1/2"	
	R 62 TPL	GIR 62 TPL	FIR 62 TPL						L	—	5/8"		
	R 62 TPK	GIR 62 TPK	FIR 62 TPK						K		K15		
	R 82 TPN	GIR 82 TPN	FIR 82 TPN	320	248	154	8" 200mm	2"	N	—	7/8"	5/8"	
	R 82 TPL	GIR 82 TPL	FIR 82 TPL						L	—	7/8"		
	R 82 TPK	GIR 82 TPK	FIR 82 TPK						K		K20		
	R 102 TPN	GIR 102 TPN	FIR 102 TPN	370	287	186	10" 250mm	2"	N	—	7/8"	5/8"	
	R 102 TPL	GIR 102 TPL	FIR 102 TPL						L	—	7/8"		
	R 102 TPK	GIR 102 TPK	FIR 102 TPK						K		K20		



BORRACHA SOFT - INJETADA

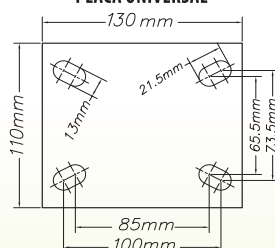
REVESTIMENTO	REFERÊNCIA	IR		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
BORRACHA - SOFT	R 52 SPN	GIR 52 SPN	FIR 52 SPN	220	166	107	5" 125mm	2"	N	—	5/8"	1/2"	62
	R 52 SPL	GIR 52 SPL	FIR 52 SPL						L	—	5/8"		
	R 52 SPK	GIR 52 SPK	FIR 52 SPK						K		K15		
	R 62 SPN	GIR 62 SPN	FIR 62 SPN	270	191	122	6" 150mm	2"	N	—	5/8"	1/2"	
	R 62 SPL	GIR 62 SPL	FIR 62 SPL						L	—	5/8"		
	R 62 SPK	GIR 62 SPK	FIR 62 SPK						K		K15		
	R 82 SPN	GIR 82 SPN	FIR 82 SPN	320	248	154	8" 200mm	2"	N	—	7/8"	5/8"	
	R 82 SPL	GIR 82 SPL	FIR 82 SPL						L	—	7/8"		
	R 82 SPK	GIR 82 SPK	FIR 82 SPK						K		K20		
	R 102 SPN	GIR 102 SPN	FIR 102 SPN	370	287	186	10" 250mm	2"	N	—	7/8"	5/8"	
	R 102 SPL	GIR 102 SPL	FIR 102 SPL						L	—	7/8"		
	R 102 SPK	GIR 102 SPK	FIR 102 SPK						K		K20		

ACESSÓRIOS

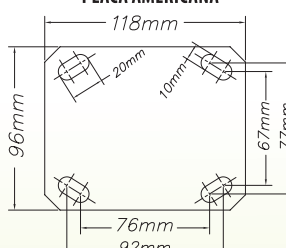


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Fixação por Espiga Lisa
Espiga Lisa:
Ø 31,75 mm x 150 mm
Ø 33,5 mm x 150 mm

Série 2

TIPO DE MANCAL

- Bucha de Nylon Grafitado
- Rolamento de Roletes
- Rolamento blindado tipo "SKF"

SÉRIE 2 - LINHA - IR - CARGAS DE ATÉ 600 kg



POLIURETANO - INJETADO

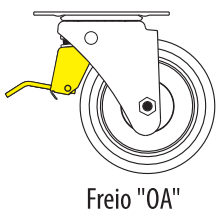
REVESTIMENTO	REFERÊNCIA	IR		kg	mm	mm	mm	mm	mm	+			+	mm
POLIURETANO	R 52 UPN	GIR 52 UPN	FIR 52 UPN	350	166	107	5" 125mm	2"	N		5/8"	1/2"	62	
	R 52 UPL	GIR 52 UPL	FIR 52 UPL						L		5/8"			
	R 52 UPK	GIR 52 UPK	FIR 52 UPK						K		K15			
	R 62 UPN	GIR 62 UPN	FIR 62 UPN	400	191	122	6" 150mm	2"	N		5/8"			
	R 62 UPL	GIR 62 UPL	FIR 62 UPL						L		5/8"			
	R 62 UPK	GIR 62 UPK	FIR 62 UPK						K		K15			
	R 82 UPN	GIR 82 UPN	FIR 82 UPN	500	248	154	8" 200mm	2"	N		7/8"	5/8"	62	
	R 82 UPL	GIR 82 UPL	FIR 82 UPL						L		7/8"			
	R 82 UPK	GIR 82 UPK	FIR 82 UPK						K		K20			
	R 102 UPN	GIR 102 UPN	FIR 102 UPN	600	287	186	10" 250mm	2"	N		7/8"			
	R 102 UPL	GIR 102 UPL	FIR 102 UPL						L		7/8"			
	R 102 UPK	GIR 102 UPK	FIR 102 UPK						K		K20			



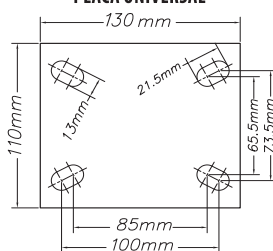
POLIURETANO - MOLDADO

REVESTIMENTO	REFERÊNCIA	IR		kg	mm	mm	mm	mm	mm	+			+	mm
POLIURETANO - MOLDADO	R 42 UFK	GIR 42 UFK	FIR 42 UFK	400	137	90	4" 100mm	2"	K		K15	1/2"	62	
	R 52 UFN	GIR 52 UFN	FIR 52 UFN	400	163	107	5" 125mm	2"	N		5/8"			
	R 52 UFK	GIR 52 UFK	FIR 52 UFK						K		K15			
	R 62 UFN	GIR 62 UFN	FIR 62 UFN	450	188	122	6" 150mm	2"	N		5/8"	5/8"	62	
	R 62 UFK	GIR 62 UFK	FIR 62 UFK						K		K15			
	R 82 UFK	GIR 82 UFK	FIR 82 UFK	500	245	154	8" 200mm	2"	K		K20			
	R 102 UFK	GIR 102 UFK	FIR 102 UFK	600	287	186	10" 250mm	2"	K		K20			

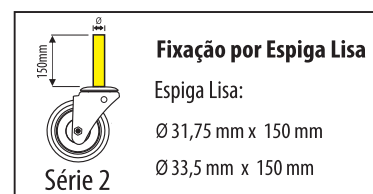
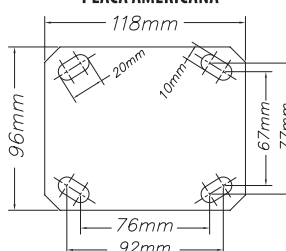
ACESSÓRIOS



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TIPO DE MANCAL

- Bucha de Nylon Grafitado
- Rolamento de Roletes
- Rolamento blindado tipo "SKF"

SÉRIE 2 - LINHA - IR - CARGAS DE ATÉ 600 kg



POLIURETANO MOLDADO - NYLON

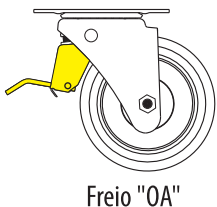
REVESTIMENTO	REFERÊNCIA	IR		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
POLIURETANO - MOLDADO	R 52 UNNM	GIR 52 UNNM	FIR 52 UNNM	350	163	107	5" 125mm	2"	N	—	5/8"	1/2"	62
	R 52 UNLM	GIR 52 UNLM	FIR 52 UNLM						L	—	5/8"		
	R 52 UNKM	GIR 52 UNKM	FIR 52 UNKM						K		K15		
	R 62 UNNM	GIR 62 UNNM	FIR 62 UNNM	400	188	122	6" 150mm	2"	N	—	5/8"		
	R 62 UNLM	GIR 62 UNLM	FIR 62 UNLM						L	—	5/8"		
	R 62 UNKM	GIR 62 UNKM	FIR 62 UNKM						K		K15		
	R 82 UNNM	GIR 82 UNNM	FIR 82 UNNM	500	245	154	8" 200mm	2"	N	—	7/8"	5/8"	62
	R 82 UNLM	GIR 82 UNLM	FIR 82 UNLM						L	—	7/8"		
	R 82 UNKM	GIR 82 UNKM	FIR 82 UNKM						K	—	K20		
	R 102 UNNM	GIR 102 UNNM	FIR 102 UNNM	600	287	186	10" 250mm	2"	N		7/8"		
	R 102 UNLM	GIR 102 UNLM	FIR 102 UNLM						L	—	7/8"		
	R 102 UNKM	GIR 102 UNKM	FIR 102 UNKM						K		K20		



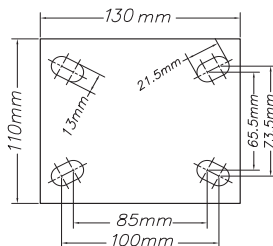
NYLON COM FIBRA DE VIDRO

REVESTIMENTO	REFERÊNCIA	IR		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
NYLON COM FIBRA DE VIDRO	R 52 NNVN	GIR 52 NNVN	FIR 52 NNVN	350	166	107	5" 125mm	2"	N	—	5/8"	1/2"	62
	R 52 NNVK	GIR 52 NNVK	FIR 52 NNVK						K		K15		
	R 62 NNVN	GIR 62 NNVN	FIR 62 NNVN	400	191	122	6" 150mm	2"	N	—	5/8"		
	R 62 NNVK	GIR 62 NNVK	FIR 62 NNVK						K		K15		
	R 82 NNVN	GIR 82 NNVN	FIR 82 NNVN	500	248	154	8" 200mm	2"	N	—	7/8"	5/8"	62
	R 82 NNVK	GIR 82 NNVK	FIR 82 NNVK						K		K20		
	R 102 NNVN	GIR 102 NNVN	FIR 102 NNVN	600	287	186	10" 250mm	2"	N	—	7/8"		
	R 102 NNVK	GIR 102 NNVK	FIR 102 NNVK						K		K20		

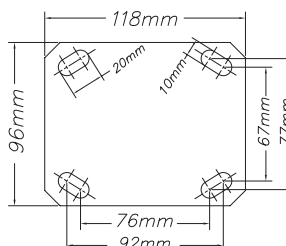
ACESSÓRIOS



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Fixação por Espiga Lisa
Espiga Lisa:
Ø 31,75 mm x 150 mm
Ø 33,5 mm x 150 mm

Série 2

TIPO DE MANCAL

- Bucha de Nylon Grafitado
- Rolamento de Roletes
- Rolamento blindado tipo "SKE"

SÉRIE 2 - LINHA - IR - CARGAS DE ATÉ 600 kg



POLIURETANO MOLDADO - ROUND - 60 SHORE D

REVESTIMENTO	REFERÊNCIA	IR		KG	mm	mm	mm	mm	mm	+	+	+	mm
POLIURETANO MOLDADO ROUND	R 52 UFKRV	GIR 52 UFKRV	FIR 52 UFKRV	350	163	107	5" 125mm	2"	K		K15	1/2"	62
	R 62 UFKRV	GIR 62 UFKRV	FIR 62 UFKRV	400	188	122	6" 150mm	2"	K		K15		
	R 82 UFKRV	GIR 82 UFKRV	FIR 82 UFKRV	500	245	154	8" 200mm	2"	K		K20	5/8"	
	R 102 UFKRV	GIR 102 UFKRV	FIR 102 UFKRV	600	287	186	10" 250mm	2"	K		K20		



POLIURETANO MOLDADO - ROUND - 90 SHORE A

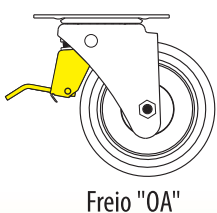
REVESTIMENTO	REFERÊNCIA	IR		KG	mm	mm	mm	mm	mm	+	+	+	mm
POLIURETANO MOLDADO ROUND	R 52 UFKRA	GIR 52 UFKRA	FIR 52 UFKRA	350	163	107	5" 125mm	2"	K		K15	1/2"	62
	R 62 UFKRA	GIR 62 UFKRA	FIR 62 UFKRA	400	188	122	6" 150mm	2"	K		K15		
	R 82 UFKRA	GIR 82 UFKRA	FIR 82 UFKRA	500	245	154	8" 200mm	2"	K		K20	5/8"	
	R 102 UFKRA	GIR 102 UFKRA	FIR 102 UFKRA	600	287	186	10" 250mm	2"	K		K20		



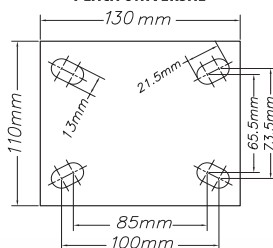
POLIURETANO MOLDADO - ALUMÍNIO - 80 SHORE A

REVESTIMENTO	REFERÊNCIA	IR		KG	mm	mm	mm	mm	mm	+	+	+	mm
POLIURETANO	R 52 UAK	GIR 52 UAK	FIR 52 UAK	350	166	107	5" 125mm	2"	K		K15	1/2"	62
	R 62 UAK	GIR 62 UAK	FIR 62 UAK	400	191	122	6" 150mm	2"	K		K15		
	R 82 UAK	GIR 82 UAK	FIR 82 UAK	500	248	154	8" 200mm	2"	K		K20		

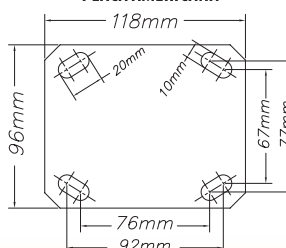
ACESSÓRIOS



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Fixação por Espiga Lisa
Espiga Lisa:
Ø 31,75 mm x 150 mm
Ø 33,5 mm x 150 mm

Série 2

TIPO DE MANCAL

- Bucha de Nylon Grafitado
- Rolamento de Roletes
- Rolamento blindado tipo "SKF"

SÉRIE 2 - LINHA - IR - CARGAS DE ATÉ 600 kg



NYLON - INJETADO

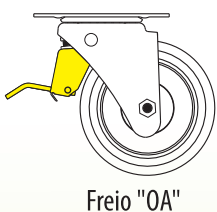
REVESTIMENTO	REFERÊNCIA	IR		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
NYLON	R 52 NPN	GIR 52 NPN	FIR 52 NPN	350	166	107	5" 125mm	2"	N	—	5/8"	1/2"	62
	R 52 NPL	GIR 52 NPL	FIR 52 NPL						L	—	5/8"		
	R 52 NPK	GIR 52 NPK	FIR 52 NPK						K		K15		
	R 62 NPN	GIR 62 NPN	FIR 62 NPN	400	191	122	6" 150mm	2"	N	—	5/8"		
	R 62 NPL	GIR 62 NPL	FIR 62 NPL						L	—	5/8"		
	R 62 NPK	GIR 62 NPK	FIR 62 NPK						K		K15		
	R 82 NPN	GIR 82 NPN	FIR 82 NPN	500	248	154	8" 200mm	2"	N	—	7/8"	5/8"	
	R 82 NPL	GIR 82 NPL	FIR 82 NPL						L	—	7/8"		
	R 82 NPK	GIR 82 NPK	FIR 82 NPK						K		K20		
	R 102 NPN	GIR 102 NPN	FIR 102 NPN	600	287	186	10" 250mm	2"	N	—	7/8"		
	R 102 NPL	GIR 102 NPL	FIR 102 NPL						L	—	7/8"		
	R 102 NPK	GIR 102 NPK	FIR 102 NPK						K		K20		



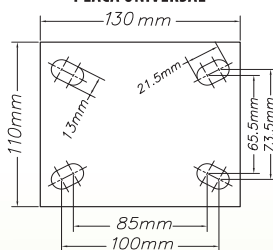
NYLON INJETADO - INTEGRAL

REVESTIMENTO	REFERÊNCIA	IR		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
NYLON - INTEGRAL	R 52 NNN	GIR 52 NNN	FIR 52 NNN	350	166	107	5" 125mm	2"	N	—	5/8"	1/2"	62
	R 52 NNL	GIR 52 NNL	FIR 52 NNL						L	—	5/8"		
	R 52 NNK	GIR 52 NNK	FIR 52 NNK						K		K15		
	R 62 NNN	GIR 62 NNN	FIR 62 NNN	400	191	122	6" 150mm	2"	N	—	5/8"		
	R 62 NNL	GIR 62 NNL	FIR 62 NNL						L	—	5/8"		
	R 62 NNK	GIR 62 NNK	FIR 62 NNK						K		K15		
	R 82 NNN	GIR 82 NNN	FIR 82 NNN	500	248	154	8" 200mm	2"	N	—	7/8"	5/8"	
	R 82 NNL	GIR 82 NNL	FIR 82 NNL						L	—	7/8"		
	R 82 NNK	GIR 82 NNK	FIR 82 NNK						K		K20		
	R 102 NNN	GIR 102 NNN	FIR 102 NNN	600	287	186	10" 250mm	2"	N	—	7/8"		
	R 102 NNL	GIR 102 NNL	FIR 102 NNL						L	—	7/8"		
	R 102 NNK	GIR 102 NNK	FIR 102 NNK						K		K20		

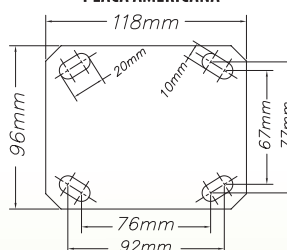
ACESSÓRIOS



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Fixação por Espiga Lisa
Espiga Lisa:
Ø 31,75 mm x 150 mm
Ø 33,5 mm x 150 mm

Série 2

TIPO DE MANCAL

- Bucha de Nylon Grafitado
- Rolamento de Roletes
- Rolamento blindado tipo "SKF"

SÉRIE 2 - LINHA - IR - CARGAS DE ATÉ 600 kg



POLIPROPILENO - INJETADO

REVESTIMENTO	REFERÊNCIA	IR		kg	mm	mm	mm	mm	+			+	mm
POLIURETANO	R 52 PPN	GIR 52 PPN	FIR 52 PPN	325	166		5" 125mm	2"	N		5/8"	1/2"	62
	R 52 PPL	GIR 52 PPL	FIR 52 PPL						L		5/8"		
	R 52 PPK	GIR 52 PPK	FIR 52 PPK						K		K15		
	R 62 PPN	GIR 62 PPN	FIR 62 PPN	350	191	122	6" 150mm	2"	N		5/8"		
	R 62 PPL	GIR 62 PPL	FIR 62 PPL						L		5/8"		
	R 62 PPK	GIR 62 PPK	FIR 62 PPK						K		K15		
	R 82 PPN	GIR 82 PPN	FIR 82 PPN	400	248	154	8" 200mm	2"	N		7/8"	5/8"	
	R 82 PPL	GIR 82 PPL	FIR 82 PPL						L		7/8"		
	R 82 PPK	GIR 82 PPK	FIR 82 PPK						K		K20		
	R 102 PPN	GIR 102 PPN	FIR 102 PPN	500	287	186	10" 250mm	2"	N		7/8"		
	R 102 PPL	GIR 102 PPL	FIR 102 PPL						L		7/8"		
	R 102 PPK	GIR 102 PPK	FIR 102 PPK						K		K20		



CELERON

REVESTIMENTO	REFERÊNCIA	IR		kg	mm	mm	mm	mm	+			+	mm
CELERON	R 52 CL	GIR 52 CL	FIR 52 CL	400	163	107	5" 125mm	2"	L		5/8"	1/2"	62
	R 52 CK	GIR 52 CK	FIR 52 CK						K		K15		
	R 62 CL	GIR 62 CL	FIR 62 CL	400	188	122	6" 150mm	2"	L		5/8"		
	R 62 CK	GIR 62 CK	FIR 62 CK						K		K15		
	R 82 CL	GIR 82 CL	FIR 82 CL	400	248	154	8" 200mm	2"	L		7/8"	5/8"	
	R 82 CK	GIR 82 CK	FIR 82 CK						K		K20		



FERRO FUNDIDO

REVESTIMENTO	REFERÊNCIA	IR		kg	mm	mm	mm	mm	+			+	mm
FERRO	R 52 FK	GIR 52 FK	FIR 52 FK	350	163	107	5" 125mm	2"	K		K15	1/2"	62
	R 62 FK	GIR 62 FK	FIR 62 FK	400	188	122	6" 150mm	2"	K		K15		
	R 82 FK	GIR 82 FK	FIR 82 FK	500	245	154	8" 200mm	2"	K		K20	5/8"	
	R 102 FK	GIR 102 FK	FIR 102 FK	600	287	186	10" 250mm	2"	K		K20		

SÉRIE 2 /14 - LINHA - IR - CARGAS DE ATÉ 400 kg

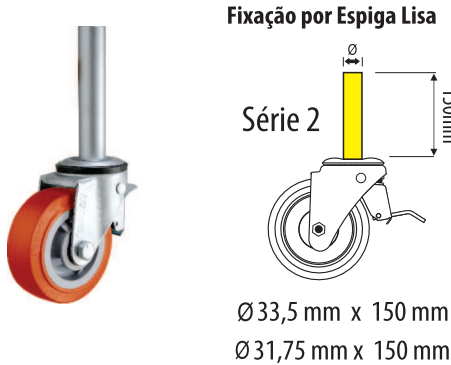


Modelo: GIRELOA 62 UPN

- ✓ Construído com roda de Poliuretano injetado, medindo 6" de diâmetro X 2" de largura.
- ✓ Espiga de 150 mm de comprimento e dois diâmetros distintos de 31,75 mm ou 33,5 mm (Outros diâmetros poderão ser fabricados sob consulta).
- ✓ Rolamento em bucha de Nylon (Maior economia e durabilidade), suporta 400 kg por rodízio.
- ✓ Freio Dupla Ação (Trava o giro do rodízio e roda simultaneamente)

RODÍZIO PARA ANDAIME

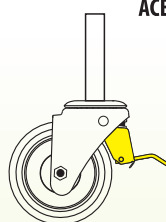
Modelos de Rodízios de Andaime



REFERÊNCIA	GIRELOA	KG	mm	mm	mm	mm	+			mm	
							N	K	7/16"		
R 514 BFN	GIRELOA 514 BFN	175	162	104	5"	125mm	1.1/2"	N	7/16"	7/16"	49
R 514 BFK	GIRELOA 514 BFK							K	K15		
R 514 UFN	GIRELOA 514 UFN	300	162	104	5"	125mm	1.1/2"	N	7/16"	7/16"	49
R 514 UFK	GIRELOA 514 UFK							K	K15		
R 614 BFN	GIRELOA 614 BFN	200	184	116	6"	150mm	1.1/2"	N	7/16"	7/16"	49
R 614 BFK	GIRELOA 614 BFK							K	K15		
R 614 UFN	GIRELOA 614 UFN	350	184	116	6"	150mm	1.1/2"	N	7/16"	7/16"	49
R 614 UFK	GIRELOA 614 UFK							K	K15		
R 52 BPN	GIRELOA 52 BPN	200	166	107	5"	125mm	2"	N	5/8"	1/2"	62
R 52 BPL	GIRELOA 52 BPL							L	5/8"		
R 52 BPK	GIRELOA 52 BPK							K	K15		
R 52 BFN	GIRELOA 52 BFN	200	163	107	5"	125mm	2"	N	5/8"	1/2"	62
R 52 BFK	GIRELOA 52 BFK							K	K15		
R 52 UPN	GIRELOA 52 UPN	350	166	107	5"	125mm	2"	N	5/8"	1/2"	62
R 52 UPL	GIRELOA 52 UPL							L	5/8"		
R 52 UPK	GIRELOA 52 UPK							K	K15		
R 52 UNNM	GIRELOA 52 UNNM	350	163	107	5"	125mm	2"	N	5/8"	1/2"	62
R 52 UNLM	GIRELOA 52 UNLM							L	5/8"		
R 52 UNKM	GIRELOA 52 UNKM							K	K15		
R 52 UFN	GIRELOA 52 UFN	350	163	107	5"	125mm	2"	N	5/8"	1/2"	62
R 52 UFK	GIRELOA 52 UFK							K	K15		
R 62 BPN	GIRELOA 62 BPN	250	191	122	6"	150mm	2"	N	5/8"	1/2"	62
R 62 BPL	GIRELOA 62 BPL							L	5/8"		
R 62 BPK	GIRELOA 62 BPK							K	K15		
R 62 BFN	GIRELOA 62 BFN	250	188	122	6"	150mm	2"	N	5/8"	1/2"	62
R 62 BFK	GIRELOA 62 BFK							K	K15		
R 62 UPN	GIRELOA 62 UPN	400	191	122	6"	150mm	2"	N	5/8"	1/2"	62
R 62 UPL	GIRELOA 62 UPL							L	5/8"		
R 62 UPK	GIRELOA 62 UPK							K	K15		
R 62 UFN	GIRELOA 62 UFN	400	188	122	6"	150mm	2"	N	5/8"	1/2"	62
R 62 UFK	GIRELOA 62 UFK							K	K15		

ACESSÓRIOS

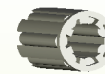
OBS: FREIO OPCIONAL "OT" (SOB CONSULTA)



TIPO DE MANCAL



Bucha de Nylon Grafitado



Rolamento de Roletas



Rolamento blindado tipo "SKF"



BORRACHA INJETADA - INOX

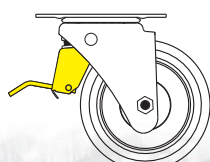
REVESTIMENTO	REFERÊNCIA	IRX		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
BORRACHA	R 52 BPN	GIRX 52 BPN	FIRX 52 BPN	140	166	107	5" 125mm	2"	N	—	5/8"	1/2"	62
	R 52 BPL	GIRX 52 BPL	FIRX 52 BPL						L	—	5/8"		
	R 52 BPK	GIRX 52 BPK	FIRX 52 BPK						K		K15		
	R 62 BPN	GIRX 62 BPN	FIRX 62 BPN	175	191	122	6" 150mm	2"	N	—	5/8"		
	R 62 BPL	GIRX 62 BPL	FIRX 62 BPL						L	—	5/8"		
	R 62 BPK	GIRX 62 BPK	FIRX 62 BPK						K		K15		
	R 82 BPN	GIRX 82 BPN	FIRX 82 BPN	210	248	154	8" 200mm	2"	N	—	7/8"	5/8"	
	R 82 BPL	GIRX 82 BPL	FIRX 82 BPL						L	—	7/8"		
	R 82 BPK	GIRX 82 BPK	FIRX 82 BPK						K		K20		
	R 102 BPN	GIRX 102 BPN	FIRX 102 BPN	245	287	186	10" 250mm	2"	N	—	7/8"		
	R 102 BPL	GIRX 102 BPL	FIRX 102 BPL						L	—	7/8"		
	R 102 BPK	GIRX 102 BPK	FIRX 102 BPK						K		K20		



NYLON INJETADO INTEGRAL - INOX

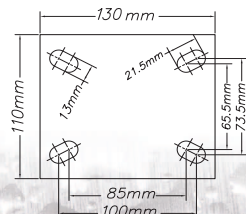
REVESTIMENTO	REFERÊNCIA	IRX		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
NYLON - INTEGRAL	R 52 NNN	GIRX 52 NNN	FIRX 52 NNN	245	166	107	5" 125mm	2"	N	—	5/8"	1/2"	62
	R 52>NNL	GIRX 52>NNL	FIRX 52>NNL						L	—	5/8"		
	R 52>NNK	GIRX 52>NNK	FIRX 52>NNK						K		K15		
	R 62 NNN	GIRX 62 NNN	FIRX 62 NNN	280	191	122	6" 150mm	2"	N	—	5/8"		
	R 62>NNL	GIRX 62>NNL	FIRX 62>NNL						L	—	5/8"		
	R 62>NNK	GIRX 62>NNK	FIRX 62>NNK						K		K15		
	R 82 NNN	GIRX 82 NNN	FIRX 82 NNN	350	248	154	8" 200mm	2"	N	—	7/8"	5/8"	
	R 82>NNL	GIRX 82>NNL	FIRX 82>NNL						L	—	7/8"		
	R 82>NNK	GIRX 82>NNK	FIRX 82>NNK						K		K20		
	R 102 NNN	GIRX 102 NNN	FIRX 102 NNN	420	287	186	10" 250mm	2"	N	—	7/8"		
	R 102>NNL	GIRX 102>NNL	FIRX 102>NNL						L	—	7/8"		
	R 102>NNK	GIRX 102>NNK	FIRX 102>NNK						K		K20		

ACESSÓRIOS



Freio "OA"

PLACA UNIVERSAL



TIPO DE MANCAL



Bucha de Nylon Grafitado



Rolamento de Roletes



Rolamento blindado tipo "SKF"



POLIURETANO MOLDADO - NYLON

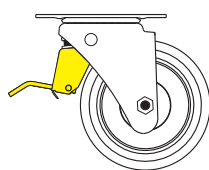
REVESTIMENTO	REFERÊNCIA	IRX		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
POLIURETANO - MOLDADO	R 52 UNNM	GIRX 52 UNNM	FIRX 52 UNNM	245	163	107	5" 125mm	2"	N	-	5/8"	1/2"	62
	R 52 UNLM	GIRX 52 UNLM	FIRX 52 UNLM						L	-	5/8"		
	R 52 UNKM	GIRX 52 UNKM	FIRX 52 UNKM						K		K15		
	R 62 UNNM	GIRX 62 UNNM	FIRX 62 UNNM	280	188	122	6" 150mm	2"	N	-	5/8"		
	R 62 UNLM	GIRX 62 UNLM	FIRX 62 UNLM						L	-	5/8"		
	R 62 UNKM	GIRX 62 UNKM	FIRX 62 UNKM						K		K15		
	R 82 UNNM	GIRX 82 UNNM	FIRX 82 UNNM	350	245	154	8" 200mm	2"	N	-	7/8"	5/8"	
	R 82 UNLM	GIRX 82 UNLM	FIRX 82 UNLM						L	-	7/8"		
	R 82 UNKM	GIRX 82 UNKM	FIRX 82 UNKM						K		K20		
	R 102 UNNM	GIRX 102 UNNM	FIRX 102 UNNM	420	287	186	10" 250mm	2"	N	-	7/8"		
	R 102 UNLM	GIRX 102 UNLM	FIRX 102 UNLM						L	-	7/8"		
	R 102 UNKM	GIRX 102 UNKM	FIRX 102 UNKM						K		K20		



NYLON COM FIBRA DE VIDRO

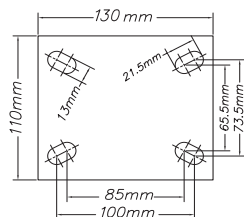
REVESTIMENTO	REFERÊNCIA	IRX		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
NYLON COM FIBRA DE VIDRO	R 52 NNVN	GIRX 52 NNVN	FIRX 52 NNVN	245	166	107	5" 125mm	2"	N	-	5/8"	1/2"	62
	R 52 NNVK	GIRX 52 NNVK	FIRX 52 NNVK						K		K15		
	R 62 NNVN	GIRX 62 NNVN	FIRX 62 NNVN	280	191	122	6" 150mm	2"	N	-	5/8"		
	R 62 NNVK	GIRX 62 NNVK	FIRX 62 NNVK						K		K15		
	R 82 NNVN	GIRX 82 NNVN	FIRX 82 NNVN	350	248	154	8" 200mm	2"	N	-	7/8"	5/8"	
	R 82 NNVK	GIRX 82 NNVK	FIRX 82 NNVK						K		K20		
	R 102 NNVN	GIRX 102 NNVN	FIRX 102 NNVN	420	287	186	10" 250mm	2"	N	-	7/8"		
	R 102 NNVK	GIRX 102 NNVK	FIRX 102 NNVK						K		K20		

ACESSÓRIOS



Freio "OA"

PLACA UNIVERSAL



TIPO DE MANCAL



Bucha de Nylon Grafitado



Rolamento de Roletes



Rolamento blindado tipo "SKF"

SÉRIE 2 - LINHA MR - CARGAS DE ATÉ 450 kg



BORRACHA - INJETADA

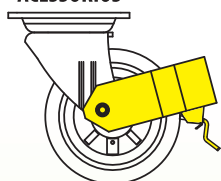
REVESTIMENTO	REFERÊNCIA	MR		kg	mm	mm	mm	mm	+			mm	mm
									N	L	K		
BORRACHA	R 52 BPN	GMR 52 BPN	FMR 52 BPN	200	166	110	5" 125mm	2"	N	-	5/8"	1/2"	62
	R 52 BPL	GMR 52 BPL	FMR 52 BPL						L	-	5/8"		
	R 52 BPK	GMR 52 BPK	FMR 52 BPK						K		K15		
	R 62 BPN	GMR 62 BPN	FMR 62 BPN	250	196	133	6" 150mm	2"	N	-	5/8"		
	R 62 BPL	GMR 62 BPL	FMR 62 BPL						L	-	5/8"		
	R 62 BPK	GMR 62 BPK	FMR 62 BPK						K		K15		
	R 82 BPN	GMR 82 BPN	FMR 82 BPN	300	237	173	8" 200mm	2"	N	-	7/8"	5/8"	
	R 82 BPL	GMR 82 BPL	FMR 82 BPL						L	-	7/8"		
	R 82 BPK	GMR 82 BPK	FMR 82 BPK						K		K20		
	R 102 BPN	GMR 102 BPN	FMR 102 BPN	350	291	189	10" 250mm	2"	N	-	7/8"	5/8"	
	R 102 BPL	GMR 102 BPL	FMR 102 BPL						L	-	7/8"		
	R 102 BPK	GMR 102 BPK	FMR 102 BPK						K		K20		



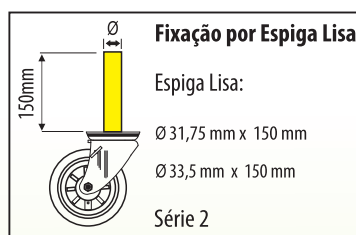
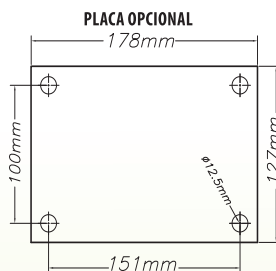
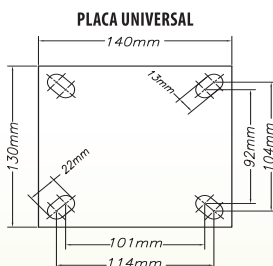
BORRACHA - MOLDADA

REVESTIMENTO	REFERÊNCIA	MR		kg	mm	mm	mm	mm	+			mm	mm
									N	L	K		
BORRACHA	R 52 BFN	GMR 52 BFN	FMR 52 BFN	250	164	107	5" 125mm	2"	N	-	5/8"	1/2"	62
	R 52 BFK	GMR 52 BFK	FMR 52 BFK						K		K15		
	R 62 BFN	GMR 62 BFN	FMR 62 BFN	300	194	122	6" 150mm	2"	N	-	5/8"		
	R 62 BFK	GMR 62 BFK	FMR 62 BFK						K		K15		
	R 82 BFK	GMR 82 BFK	FMR 82 BFK	350	234	154	8" 200mm	2"	K		K20	5/8"	
	R 102 BFK	GMR 102 BFK	FMR 102 BFK	450	288	186	10" 250mm	2"	K		K20		

ACESSÓRIOS



Freio "OP"



TIPO DE MANCAL

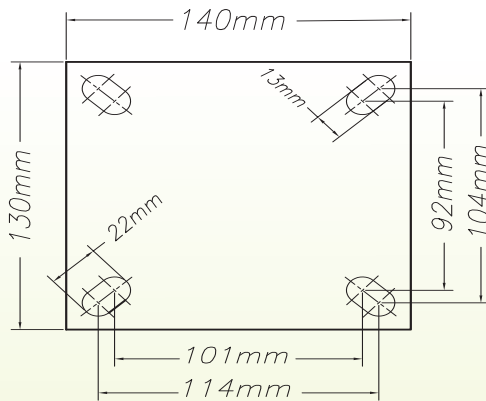
- Bucha de Nylon Grafitado
- Rolamento de Roletas
- Rolamento blindado tipo "SKF"



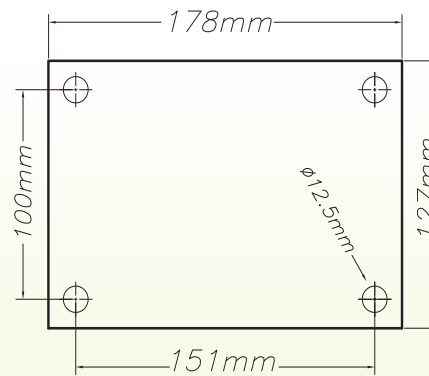
BORRACHA TERMOPLÁSTICA - INJETADA

REVESTIMENTO	REFERÊNCIA	MR		kg	mm	mm	mm	mm	mm	+			mm
										N	L	K	
BORRACHA	R 52 TPN	GMR 52 TPN	FMR 52 TPN	220	166	110	5" 125mm	2"	N	—	5/8"	1/2"	62
	R 52 TPL	GMR 52 TPL	FMR 52 TPL						L	—	5/8"		
	R 52 TPK	GMR 52 TPK	FMR 52 TPK						K		K15		
	R 62 TPN	GMR 62 TPN	FMR 62 TPN	270	196	133	6" 150mm	2"	N	—	5/8"		
	R 62 TPL	GMR 62 TPL	FMR 62 TPL						L	—	5/8"		
	R 62 TPK	GMR 62 TPK	FMR 62 TPK						K		K15		
	R 82 TPN	GMR 82 TPN	FMR 82 TPN	320	237	173	8" 200mm	2"	N	—	7/8"	5/8"	
	R 82 TPL	GMR 82 TPL	FMR 82 TPL						L	—	7/8"		
	R 82 TPK	GMR 82 TPK	FMR 82 TPK						K		K20		
	R 102 TPN	GMR 102 TPN	FMR 102 TPN	370	291	189	10" 250mm	2"	N	—	7/8"		
	R 102 TPL	GMR 102 TPL	FMR 102 TPL						L	—	7/8"		
	R 102 TPK	GMR 102 TPK	FMR 102 TPK						K		K20		

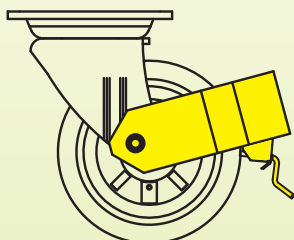
PLACA UNIVERSAL



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ACESSÓRIOS



Freio "OP"

TIPO DE MANCAL



Bucha de Nylon Grafitado



Rolamento de Roletes



Rolamento blindado tipo "SKF"

SÉRIE 2 - LINHA MR - CARGAS DE ATÉ 700 kg



POLIURETANO - INJETADO

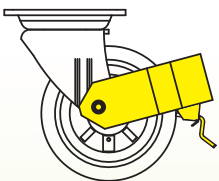
REVESTIMENTO	REFERÊNCIA	MR		kg	mm	mm	mm	mm	+			mm	
									N	L	K		
POLIURETANO	R 52 UPN	GMR 52 UPN	FMR 52 UPN	350	166	110	5" 125mm	2"	N	—	5/8"	1/2"	62
	R 52 UPL	GMR 52 UPL	FMR 52 UPL						L	—	5/8"		
	R 52 UPK	GMR 52 UPK	FMR 52 UPK						K		K15		
	R 62 UPN	GMR 62 UPN	FMR 62 UPN	400	196	133	6" 150mm	2"	N	—	5/8"		
	R 62 UPL	GMR 62 UPL	FMR 62 UPL						L	—	5/8"		
	R 62 UPK	GMR 62 UPK	FMR 62 UPK						K		K15		
	R 82 UPN	GMR 82 UPN	FMR 82 UPN	500	237	173	8" 200mm	2"	N	—	7/8"	5/8"	
	R 82 UPL	GMR 82 UPL	FMR 82 UPL						L	—	7/8"		
	R 82 UPK	GMR 82 UPK	FMR 82 UPK						K		K20		
	R 102 UPN	GMR 102 UPN	FMR 102 UPN	600	291	189	10" 250mm	2"	N	—	7/8"		
	R 102 UPL	GMR 102 UPL	FMR 102 UPL						L	—	7/8"		
	R 102 UPK	GMR 102 UPK	FMR 102 UPK						K		K20		



POLIURETANO - MOLDADO

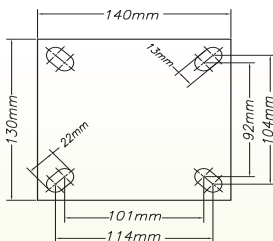
REVESTIMENTO	REFERÊNCIA	MR		kg	mm	mm	mm	mm	+			mm	
									N	L	K		
POLIURETANO - MOLDADO	R 42 UFK	GMR 42 UFK	FMR 42 UFK	500	140	88	4" 100mm	2"	K		K15	1/2"	62
	R 52 UFN	GMR 52 UFN	FMR 52 UFN	600	164	110	5" 125mm	2"	N	—	5/8"		
	R 52 UFK	GMR 52 UFK	FMR 52 UFK						K		K15		
	R 62 UFN	GMR 62 UFN	FMR 62 UFN	600	194	133	6" 150mm	2"	N	—	5/8"		
	R 62 UFK	GMR 62 UFK	FMR 62 UFK						K		K15		
	R 82 UFK	GMR 82 UFK	FMR 82 UFK	700	234	173	8" 200mm	2"	K		K20	5/8"	
	R 102 UFK	GMR 102 UFK	FMR 102 UFK	700	288	189	10" 250mm	2"	K		K20		

ACESSÓRIOS

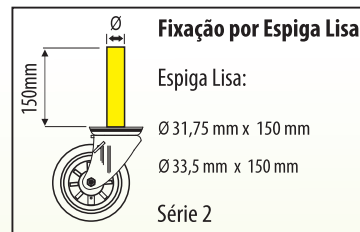
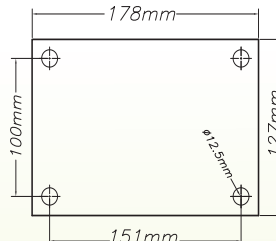


Freio "OP"

PLACA UNIVERSAL



PLACA OPCIONAL



TIPO DE MANCAL

- Bucha de Nylon Grafitado
- Rolamento de Roletes
- Rolamento blindado tipo "SKF"

SÉRIE 2 - LINHA MR - CARGAS DE ATÉ 700 kg



POLIURETANO MOLDADO - NYLON

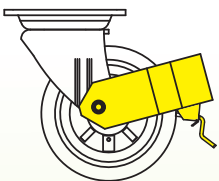
REVESTIMENTO	REFERÊNCIA	MR		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
POLIURETANO - MOLDADO	R 52 UNNM	GMR 52 UNNM	FMR 52 UNNM	475	164	110	5" 125mm	2"	N	-	5/8"	1/2"	62
	R 52 UNLM	GMR 52 UNLM	FMR 52 UNLM						L	-	5/8"		
	R 52 UNKM	GMR 52 UNKM	FMR 52 UNKM						K		K15		
	R 62 UNNM	GMR 62 UNNM	FMR 62 UNNM	550	194	133	6" 150mm	2"	N	-	5/8"		
	R 62 UNLM	GMR 62 UNLM	FMR 62 UNLM						L	-	5/8"		
	R 62 UNKM	GMR 62 UNKM	FMR 62 UNKM						K		K15		
	R 82 UNNM	GMR 82 UNNM	FMR 82 UNNM	700	234	173	8" 200mm	2"	N	-	7/8"	5/8"	
	R 82 UNLM	GMR 82 UNLM	FMR 82 UNLM						L	-	7/8"		
	R 82 UNKM	GMR 82 UNKM	FMR 82 UNKM						K		K20		
	R 102 UNNM	GMR 102 UNNM	FMR 102 UNNM	700	288	189	10" 250mm	2"	N	-	7/8"		
	R 102 UNLM	GMR 102 UNLM	FMR 102 UNLM						L	-	7/8"		
	R 102 UNKM	GMR 102 UNKM	FMR 102 UNKM						K		K20		



NYLON COM FIBRA DE VIDRO

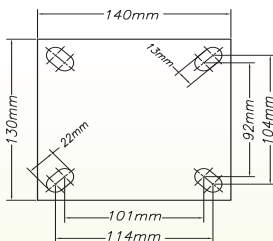
REVESTIMENTO	REFERÊNCIA	MR		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
NYLON COM FIBRA DE VIDRO	R 52 NNVN	GMR 52 NNVN	FMR 52 NNVN	500	164	110	5" 125mm	2"	N	-	5/8"	1/2"	62
	R 52 NNVK	GMR 52 NNVK	FMR 52 NNVK						K		K15		
	R 62 NNVN	GMR 62 NNVN	FMR 62 NNVN	600	194	133	6" 150mm	2"	N	-	5/8"		
	R 62 NNVK	GMR 62 NNVK	FMR 62 NNVK						K		K15		
	R 82 NNVN	GMR 82 NNVN	FMR 82 NNVN	700	234	173	8" 200mm	2"	N	-	7/8"	5/8"	
	R 82 NNVK	GMR 82 NNVK	FMR 82 NNVK						K		K20		
	R 102 NNVN	GMR 102 NNVN	FMR 102 NNVN	700	288	189	10" 250mm	2"	N	-	7/8"		
	R 102 NNVK	GMR 102 NNVK	FMR 102 NNVK						K		K20		

ACESSÓRIOS

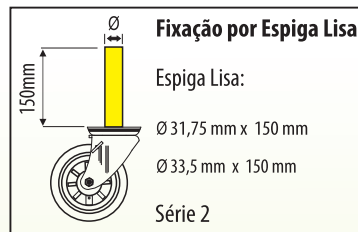
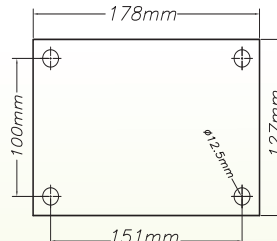


Freio "OP"

PLACA UNIVERSAL



PLACA OPCIONAL



TIPO DE MANCAL

- Bucha de Nylon Grafitado
- Rolamento de Roletes
- Rolamento blindado tipo "SKF"

SÉRIE 2 - LINHA MR - CARGAS DE ATÉ 600 kg



POLIURETANO MOLDADO - ROUND - 60 SHORE D

REVESTIMENTO	REFERÊNCIA	MR		KG	mm	mm	mm	mm	mm	+			mm
POLIURETANO MOLDADO ROUND	R 52 UFKRV	GMR 52 UFKRV	FMR 52 UFKRV	350	164	110	5" 125mm	2"	K		K15	1/2"	62
	R 62 UFKRV	GMR 62 UFKRV	FMR 62 UFKRV	400	194	133	6" 150mm	2"	K		K15		
	R 82 UFKRV	GMR 82 UFKRV	FMR 82 UFKRV	500	234	173	8" 200mm	2"	K		K20	5/8"	
	R 102 UFKRV	GMR 102 UFKRV	FMR 102 UFKRV	600	288	189	10" 250mm	2"	K		K20		



POLIURETANO MOLDADO - ROUND - 90 SHORE A

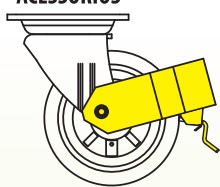
REVESTIMENTO	REFERÊNCIA	MR		KG	mm	mm	mm	mm	mm	+			mm
POLIURETANO MOLDADO ROUND	R 52 UFKRA	GMR 52 UFKRA	FMR 52 UFKRA	350	164	110	5" 125mm	2"	K		K15	1/2"	62
	R 62 UFKRA	GMR 62 UFKRA	FMR 62 UFKRA	400	194	133	6" 150mm	2"	K		K15		
	R 82 UFKRA	GMR 82 UFKRA	FMR 82 UFKRA	500	234	173	8" 200mm	2"	K		K20	5/8"	
	R 102 UFKRA	GMR 102 UFKRA	FMR 102 UFKRA	600	288	189	10" 250mm	2"	K		K20		



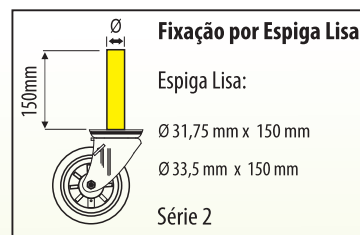
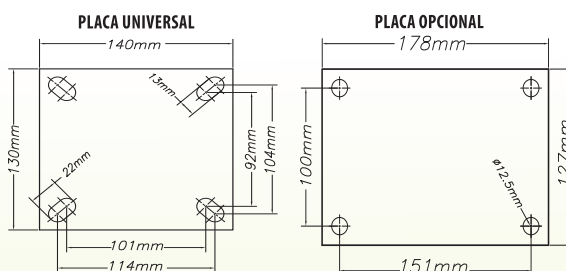
POLIURETANO MOLDADO - ALUMÍNIO - 80 SHORE A

REVESTIMENTO	REFERÊNCIA	MR		KG	mm	mm	mm	mm	mm	+			mm
POLIURETANO	R 52 UAK	GMR 52 UAK	FMR 52 UAK	350	166	110	5" 125mm	2"	K		K15	1/2"	62
	R 62 UAK	GMR 62 UAK	FMR 62 UAK	400	196	133	6" 150mm	2"	K		K15		
	R 82 UAK	GMR 82 UAK	FMR 82 UAK	500	237	173	8" 200mm	2"	K		K20	5/8"	

ACESSÓRIOS



Freio "OP"



TIPO DE MANCAL

- Bucha de Nylon Grafitado
- Rolamento de Roletes
- Rolamento blindado tipo "SKF"

SÉRIE 2 - LINHA MR - CARGAS DE ATÉ 700 kg



NYLON - INJETADO

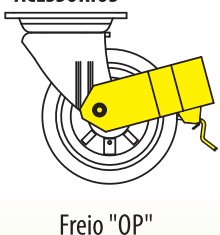
REVESTIMENTO	REFERÊNCIA	MR		kg	mm	mm	mm	mm	+			mm	mm
									N	L	K		
NYLON	R 52 NPN	GMR 52 NPN	FMR 52 NPN	350	166	110	5" 125mm	2"	N	-	5/8"	1/2"	62
	R 52 NPL	GMR 52 NPL	FMR 52 NPL						L	-	5/8"		
	R 52 NPK	GMR 52 NPK	FMR 52 NPK						K		K15		
	R 62 NPN	GMR 62 NPN	FMR 62 NPN	400	196	133	6" 150mm	2"	N	-	5/8"	1/2"	62
	R 62 NPL	GMR 62 NPL	FMR 62 NPL						L	-	5/8"		
	R 62 NPK	GMR 62 NPK	FMR 62 NPK						K		K15		
	R 82 NPN	GMR 82 NPN	FMR 82 NPN	500	237	173	8" 200mm	2"	N	-	7/8"	5/8"	62
	R 82 NPL	GMR 82 NPL	FMR 82 NPL						L	-	7/8"		
	R 82 NPK	GMR 82 NPK	FMR 82 NPK						K		K20		
	R 102 NPN	GMR 102 NPN	FMR 102 NPN	600	291	189	10" 250mm	2"	N	-	7/8"	5/8"	62
	R 102 NPL	GMR 102 NPL	FMR 102 NPL						L	-	7/8"		
	R 102 NPK	GMR 102 NPK	FMR 102 NPK						K		K20		



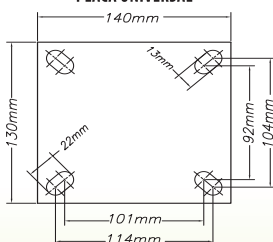
NYLON INJETADO - INTEGRAL

REVESTIMENTO	REFERÊNCIA	MR		kg	mm	mm	mm	mm	+			mm	mm
									N	L	K		
NYLON - INTEGRAL	R 52 NNN	GMR 52 NNN	FMR 52 NNN	500	166	110	5" 125mm	2"	N	-	5/8"	1/2"	62
	R 52>NNL	GMR 52>NNL	FMR 52>NNL						L	-	5/8"		
	R 52>NNK	GMR 52>NNK	FMR 52>NNK						K		K15		
	R 62 NNN	GMR 62 NNN	FMR 62 NNN	600	196	133	6" 150mm	2"	N	-	5/8"	1/2"	62
	R 62>NNL	GMR 62>NNL	FMR 62>NNL						L	-	5/8"		
	R 62>NNK	GMR 62>NNK	FMR 62>NNK						K		K15		
	R 82 NNN	GMR 82 NNN	FMR 82 NNN	700	237	173	8" 200mm	2"	N	-	7/8"	5/8"	62
	R 82>NNL	GMR 82>NNL	FMR 82>NNL						L	-	7/8"		
	R 82>NNK	GMR 82>NNK	FMR 82>NNK						K		K20		
	R 102 NNN	GMR 102 NNN	FMR 102 NNN	700	291	189	10" 250mm	2"	N	-	7/8"	5/8"	62
	R 102>NNL	GMR 102>NNL	FMR 102>NNL						L	-	7/8"		
	R 102>NNK	GMR 102>NNK	FMR 102>NNK						K		K20		

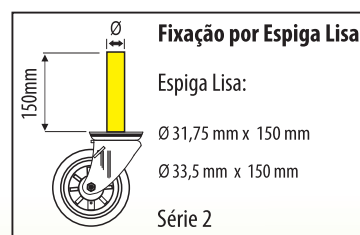
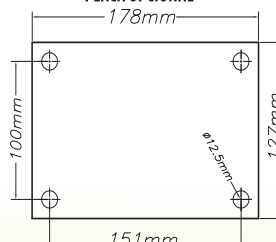
ACESSÓRIOS



PLACA UNIVERSAL



PLACA OPCIONAL



TIPO DE MANCAL

- Bucha de Nylon Grafitado
- Rolamento de Roletes
- Rolamento blindado tipo "SKF"

SÉRIE 2 - LINHA MR - CARGAS DE ATÉ 700 kg



POLIPROPILENO - INJETADO

REVESTIMENTO	REFERÊNCIA	MR		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
POLIURETANO	R 52 PPN	GMR 52 PPN	FMR 52 PPN	325	166	110	5" 125mm	2"	N	-	5/8"	1/2"	62
	R 52 PPL	GMR 52 PPL	FMR 52 PPL						L	-	5/8"		
	R 52 PPK	GMR 52 PPK	FMR 52 PPK						K		K15		
	R 62 PPN	GMR 62 PPN	FMR 62 PPN	350	196	133	6" 150mm	2"	N	-	5/8"		
	R 62 PPL	GMR 62 PPL	FMR 62 PPL						L	-	5/8"		
	R 62 PPK	GMR 62 PPK	FMR 62 PPK						K		K15		
	R 82 PPN	GMR 82 PPN	FMR 82 PPN	400	237	173	8" 200mm	2"	N	-	7/8"	5/8"	
	R 82 PPL	GMR 82 PPL	FMR 82 PPL						L	-	7/8"		
	R 82 PPK	GMR 82 PPK	FMR 82 PPK						K		K20		
	R 102 PPN	GMR 102 PPN	FMR 102 PPN	500	291	189	10" 250mm	2"	N	-	7/8"		
	R 102 PPL	GMR 102 PPL	FMR 102 PPL						L	-	7/8"		
	R 102 PPK	GMR 102 PPK	FMR 102 PPK						K		K20		



CELERON

REVESTIMENTO	REFERÊNCIA	MR		kg	mm	mm	mm	mm	+			+	mm
									L	K			
CELERON	R 52 CL	GMR 52 CL	FMR 52 CL	500	164	110	5" 125mm	2"	L	-	5/8"	1/2"	62
	R 52 CK	GMR 52 CK	FMR 52 CK						K		K15		
	R 62 CL	GMR 62 CL	FMR 62 CL	600	194	133	6" 150mm	2"	L	-	5/8"		
	R 62 CK	GMR 62 CK	FMR 62 CK						K		K15		
	R 82 CL	GMR 82 CL	FMR 82 CL	700	237	173	8" 200mm	2"	L	-	7/8"	5/8"	
	R 82 CK	GMR 82 CK	FMR 82 CK						K		K20		



FERRO FUNDIDO

REVESTIMENTO	REFERÊNCIA	MR		kg	mm	mm	mm	mm	+			+	mm
									K				
FERRO	R 52 FK	GMR 52 FK	FMR 52 FK	500	164	110	5" 125mm	2"	K		K15	1/2"	62
	R 62 FK	GMR 62 FK	FMR 62 FK	600	194	133	6" 150mm	2"	K		K15		
	R 82 FK	GMR 82 FK	FMR 82 FK	700	234	173	8" 200mm	2"	K		K20	5/8"	
	R 102 FK	GMR 102 FK	FMR 102 FK	700	288	189	10" 250mm	2"	K		K20		

RODÍZIO PARA ANDAIME

Modelo: GMRELOT 62 UFK



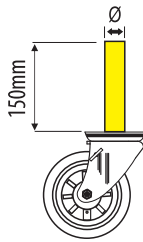
- ✓ Construído com roda de Poliuretano moldado, medindo 6" de diâmetro X 2" de largura.
- ✓ Espiga de 150 mm de comprimento e dois diâmetros distintos de 31,75 mm ou 33,5 mm (Outros diâmetros poderão ser fabricados sob consulta).
- ✓ Rolamento de esferas (Maior resistência e durabilidade), suporta 600 kg por rodízio.
- ✓ Freio Trava na Roda

Fixação por Espiga Lisa

Série 2

Ø 31,75 mm x 150 mm

Ø 33,5 mm x 150 mm

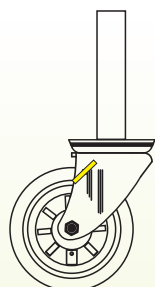


Modelos de Rodízios de Andaime

REFERÊNCIA	GMRELOT	KG	mm	mm	mm	mm	+			mm	
							N	K	L		
R 52 BFN	GMRELOT 52 BFN	250	164	110	5"	125mm	2"	N	5/8"	1/2"	62
R 52 BFK	GMRELOT 52 BFK							K	K15		
R 52 NNN	GMRELOT 52 NNN	500	166	110	5"	125mm	2"	N	5/8"	1/2"	62
R 52>NNL	GMRELOT 52>NNL							L	5/8"		
R 52>NNK	GMRELOT 52>NNK							K	K15		
R 52 UFN	GMRELOT 52 UFN	500	164	110	5"	125mm	2"	N	5/8"	1/2"	62
R 52 UFK	GMRELOT 52 UFK							K	K15		
R 62 BFN	GMRELOT 62 BFN	300	194	133	6"	150mm	2"	N	5/8"	1/2"	62
R 62 BFK	GMRELOT 62 BFK							K	K15		
R 62 UNNM	GMRELOT 62 UNNM	550	194	133	6"	150mm	2"	N	5/8"	1/2"	62
R 62 UNLM	GMRELOT 62 UNLM							L	5/8"		
R 62 UNKM	GMRELOT 62 UNKM							K	K15		
R 62 NNN	GMRELOT 62 NNN	600	196	133	6"	150mm	2"	N	5/8"	1/2"	62
R 62>NNL	GMRELOT 62>NNL							L	5/8"		
R 62>NNK	GMRELOT 62>NNK							K	K15		
R 62 UFN	GMRELOT 62 UFN	600	194	133	6"	150mm	2"	N	5/8"	1/2"	62
R 62 UFK	GMRELOT 62 UFK							K	K15		
R 82 BFK	GMRELOT 82 BFK	350	234	173	8"	200mm	2"	K	K20	5/8"	62
R 82 UFK	GMRELOT 82 UFK	700	234	173	8"	200mm	2"	K	K20	5/8"	62



ACESSÓRIOS

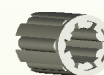


Freio "OT"

TIPO DE MANCAL



Bucha de Nylon Grafitado



Rolamento de Roletes



Rolamento blindado tipo "SKF"



BORRACHA INJETADA - INOX

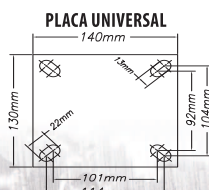
REVESTIMENTO	REFERÊNCIA	MRX		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
BORRACHA	R 52 BPN	GMRX 52 BPN	FMRX 52 BPN	140	166	110	5" 125mm	2"	N	-	5/8"	1/2"	62
	R 52 BPL	GMRX 52 BPL	FMRX 52 BPL						L	-	5/8"		
	R 52 BPK	GMRX 52 BPK	FMRX 52 BPK						K		K15		
	R 62 BPN	GMRX 62 BPN	FMRX 62 BPN	175	196	133	6" 150mm	2"	N	-	5/8"	1/2"	
	R 62 BPL	GMRX 62 BPL	FMRX 62 BPL						L	-	5/8"		
	R 62 BPK	GMRX 62 BPK	FMRX 62 BPK						K		K15		
	R 82 BPN	GMRX 82 BPN	FMRX 82 BPN	210	237	173	8" 200mm	2"	N	-	7/8"	5/8"	
	R 82 BPL	GMRX 82 BPL	FMRX 82 BPL						L	-	7/8"		
	R 82 BPK	GMRX 82 BPK	FMRX 82 BPK						K		K20		
	R 102 BPN	GMRX 102 BPN	FMRX 102 BPN	245	291	189	10" 250mm	2"	N	-	7/8"	5/8"	
	R 102 BPL	GMRX 102 BPL	FMRX 102 BPL						L	-	7/8"		
	R 102 BPK	GMRX 102 BPK	FMRX 102 BPK						K		K20		



NYLON INJETADO - INTEGRAL

REVESTIMENTO	REFERÊNCIA	MRX		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
NYLON - INTEGRAL	R 52 NNN	GMRX 52 NNN	FMRX 52 NNN	350	166	110	5" 125mm	2"	N	-	5/8"	1/2"	62
	R 52>NNL	GMRX 52>NNL	FMRX 52>NNL						L	-	5/8"		
	R 52>NNK	GMRX 52>NNK	FMRX 52>NNK						K		K15		
	R 62 NNN	GMRX 62 NNN	FMRX 62 NNN	420	196	133	6" 150mm	2"	N	-	5/8"	1/2"	
	R 62>NNL	GMRX 62>NNL	FMRX 62>NNL						L	-	5/8"		
	R 62>NNK	GMRX 62>NNK	FMRX 62>NNK						K		K15		
	R 82 NNN	GMRX 82 NNN	FMRX 82 NNN	490	237	173	8" 200mm	2"	N	-	7/8"	5/8"	
	R 82>NNL	GMRX 82>NNL	FMRX 82>NNL						L	-	7/8"		
	R 82>NNK	GMRX 82>NNK	FMRX 82>NNK						K		K20		
	R 102 NNN	GMRX 102 NNN	FMRX 102 NNN	490	291	189	10" 250mm	2"	N	-	7/8"	5/8"	
	R 102>NNL	GMRX 102>NNL	FMRX 102>NNL						L	-	7/8"		
	R 102>NNK	GMRX 102>NNK	FMRX 102>NNK						K		K20		

ACESSÓRIOS



TIPO DE MANCAL





POLIURETANO MOLDADO - NYLON

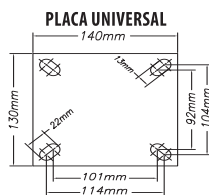
REVESTIMENTO	REFERÊNCIA	MR		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
POLIURETANO - MOLDADO	R 52 UNNM	GMR 52 UNNM	FMR 52 UNNM	350	164	110	5" 125mm	2"	N	—	5/8"	1/2"	62
	R 52 UNLM	GMR 52 UNLM	FMR 52 UNLM						L	—	5/8"		
	R 52 UNKM	GMR 52 UNKM	FMR 52 UNKM						K		K15		
	R 62 UNNM	GMR 62 UNNM	FMR 62 UNNM	420	194	133	6" 150mm	2"	N	—	5/8"		
	R 62 UNLM	GMR 62 UNLM	FMR 62 UNLM						L	—	5/8"		
	R 62 UNKM	GMR 62 UNKM	FMR 62 UNKM						K		K15		
	R 82 UNNM	GMR 82 UNNM	FMR 82 UNNM	490	234	173	8" 200mm	2"	N	—	7/8"	5/8"	
	R 82 UNLM	GMR 82 UNLM	FMR 82 UNLM						L	—	7/8"		
	R 82 UNKM	GMR 82 UNKM	FMR 82 UNKM						K		K20		
	R 102 UNNM	GMR 102 UNNM	FMR 102 UNNM	490	288	189	10" 250mm	2"	N	—	7/8"	5/8"	
	R 102 UNLM	GMR 102 UNLM	FMR 102 UNLM						L	—	7/8"		
	R 102 UNKM	GMR 102 UNKM	FMR 102 UNKM						K		K20		



NYLON COM FIBRA DE VIDRO

REVESTIMENTO	REFERÊNCIA	MR		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
NYLON COM FIBRA DE VIDRO	R 52 NNVN	GMR 52 NNVN	FMR 52 NNVN	350	164	110	5" 125mm	2"	N	—	5/8"	1/2"	62
	R 52 NNVK	GMR 52 NNVK	FMR 52 NNVK						K		K15		
	R 62 NNVN	GMR 62 NNVN	FMR 62 NNVN	420	194	133	6" 150mm	2"	N	—	5/8"		
	R 62 NNVK	GMR 62 NNVK	FMR 62 NNVK						K		K15		
	R 82 NNVN	GMR 82 NNVN	FMR 82 NNVN	490	234	173	8" 200mm	2"	N	—	7/8"	5/8"	
	R 82 NNVK	GMR 82 NNVK	FMR 82 NNVK						K		K20		
	R 102 NNVN	GMR 102 NNVN	FMR 102 NNVN	490	288	189	10" 250mm	2"	N	—	7/8"	5/8"	
	R 102 NNVK	GMR 102 NNVK	FMR 102 NNVK						K		K20		

ACESSÓRIOS



TIPO DE MANCAL



SÉRIE 2 - LINHA MRA - CARGAS DE ATÉ 450 kg



BORRACHA - INJETADA

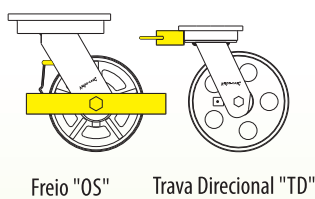
REVESTIMENTO	REFERÊNCIA	MRA		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
BORRACHA	R 52 BPN	GMRA 52 BPN	FMRA 52 BPN	200	186	109	5" 125mm	2"	N	-	5/8"	1/2"	62
	R 52 BPL	GMRA 52 BPL	FMRA 52 BPL						L	-	5/8"		
	R 52 BPK	GMRA 52 BPK	FMRA 52 BPK						K		K15		
	R 62 BPN	GMRA 62 BPN	FMRA 62 BPN	250	209	128	6" 150mm	2"	N	-	5/8"	5/8"	
	R 62 BPL	GMRA 62 BPL	FMRA 62 BPL						L	-	5/8"		
	R 62 BPK	GMRA 62 BPK	FMRA 62 BPK						K		K15		
	R 82 BPN	GMRA 82 BPN	FMRA 82 BPN	300	257	166	8" 200mm	2"	N	-	7/8"	5/8"	
	R 82 BPL	GMRA 82 BPL	FMRA 82 BPL						L	-	7/8"		
	R 82 BPK	GMRA 82 BPK	FMRA 82 BPK						K		K20		
	R 102 BPN	GMRA 102 BPN	FMRA 102 BPN	350	308	195	10" 250mm	2"	N	-	7/8"	5/8"	
	R 102 BPL	GMRA 102 BPL	FMRA 102 BPL						L	-	7/8"		
	R 102 BPK	GMRA 102 BPK	FMRA 102 BPK						K		K20		



BORRACHA - MOLDADA

REVESTIMENTO	REFERÊNCIA	MRA		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
BORRACHA	R 52 BFN	GMRA 52 BFN	FMRA 52 BFN	250	186	109	5" 125mm	2"	N	-	5/8"	1/2"	62
	R 52 BFK	GMRA 52 BFK	FMR 52 BFK						K		K15		
	R 62 BFN	GMRA 62 BFN	FMRA 62 BFN	300	206	128	6" 150mm	2"	N	-	5/8"		
	R 62 BFK	GMRA 62 BFK	FMRA 62 BFK						K		K15		
	R 82 BFK	GMRA 82 BFK	FMRA 82 BFK	350	253	166	8" 200mm	2"	K		K20	5/8"	
	R 102 BFK	GMRA 102 BFK	FMRA 102 BFK	450	306	195	10" 250mm	2"	K		K20		

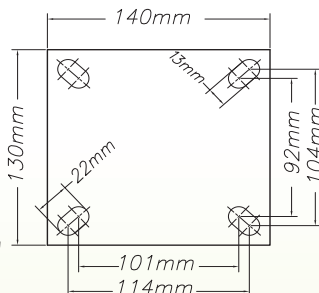
ACESSÓRIOS



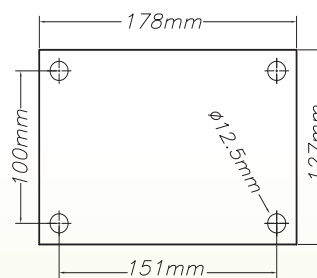
Freio "OS"

Trava Direcional "TD"

PLACA UNIVERSAL



PLACA OPCIONAL



TIPO DE MANCAL

- Bucha de Nylon Grafitado
- Rolamentos de Roletes
- Rolamento blindado tipo "SKF"

SÉRIE 2 - LINHA MRA - CARGAS DE ATÉ 500 kg



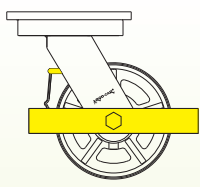
BORRACHA TERMOPLÁSTICA - INJETADA

REVESTIMENTO	REFERÊNCIA	MRA		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
BORRACHA	R 52 TPN	GMRA 52 TPN	FMRA 52 TPN	220	186	109	5" 125mm	2"	N	-	5/8"	1/2"	62
	R 52 TPL	GMRA 52 TPL	FMRA 52 TPL						L	-	5/8"		
	R 52 TPK	GMRA 52 TPK	FMRA 52 TPK						K		K15		
	R 62 TPN	GMRA 62 TPN	FMRA 62 TPN	270	209	128	6" 150mm	2"	N	-	5/8"	5/8"	
	R 62 TPL	GMRA 62 TPL	FMRA 62 TPL						L	-	5/8"		
	R 62 TPK	GMRA 62 TPK	FMRA 62 TPK						K		K15		
	R 82 TPN	GMRA 82 TPN	FMRA 82 TPN	320	257	166	8" 200mm	2"	N	-	7/8"	5/8"	
	R 82 TPL	GMRA 82 TPL	FMRA 82 TPL						L	-	7/8"		
	R 82 TPK	GMRA 82 TPK	FMRA 82 TPK						K		K20		
	R 102 TPN	GMRA 102 TPN	FMRA 102 TPN	370	308	195	10" 250mm	2"	N	-	7/8"	5/8"	
	R 102 TPL	GMRA 102 TPL	FMRA 102 TPL						L	-	7/8"		
	R 102 TPK	GMRA 102 TPK	FMRA 102 TPK						K		K20		

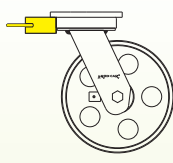


POLIPROPILENO - INJETADO

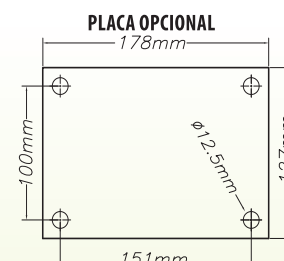
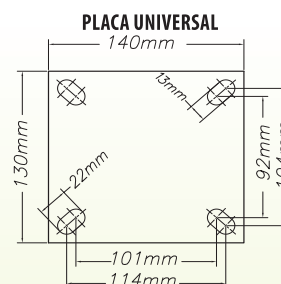
REVESTIMENTO	REFERÊNCIA	MRA		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
POLIPROPILENO	R 52 PPN	GMRA 52 PPN	FMRA 52 PPN	325	186	109	5" 125mm	2"	N	-	5/8"	1/2"	62
	R 52 PPL	GMRA 52 PPL	FMRA 52 PPL						L	-			
	R 52 PPK	GMRA 52 PPK	FMRA 52 PPK						K		K15		
	R 62 PPN	GMRA 62 PPN	FMRA 62 PPN	350	209	128	6" 150mm	2"	N	-		5/8"	
	R 62 PPL	GMRA 62 PPL	FMRA 62 PPL						L	-	5/8"		
	R 62 PPK	GMRA 62 PPK	FMRA 62 PPK						K				
	R 82 PPN	GMRA 82 PPN	FMRA 82 PPN	400	257	166	8" 200mm	2"	N	-	7/8"	5/8"	
	R 82 PPL	GMRA 82 PPL	FMRA 82 PPL						L	-			
	R 82 PPK	GMRA 82 PPK	FMRA 82 PPK						K		K20		
	R 102 PPN	GMRA 102 PPN	FMRA 102 PPN	500	308	195	10" 250mm	2"	N	-		5/8"	
	R 102 PPL	GMRA 102 PPL	FMRA 102 PPL						L	-	7/8"		
	R 102 PPK	GMRA 102 PPK	FMRA 102 PPK						K				



Freio "OS"



Trava Direcional "TD"



TIPO DE MANCAL

- Bucha de Nylon Grafitado
- Rolamentos de Roletes
- Rolamento blindado tipo "SKF"

SÉRIE 2 - LINHA MRA - CARGAS DE ATÉ 900 kg



POLIURETANO - INJETADO

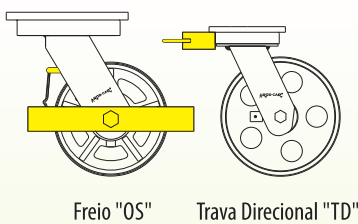
REVESTIMENTO	REFERÊNCIA	MRA		kg	mm	mm	mm	mm	+			mm	
									N	L	K		
POLIURETANO	R 52 UPN	GMRA 52 UPN	FMRA 52 UPN	350	186	109	5" 125mm	2"	N	-	5/8"	1/2"	62
	R 52 UPL	GMRA 52 UPL	FMRA 52 UPL						L	-	5/8"		
	R 52 UPK	GMRA 52 UPK	FMRA 52 UPK						K		K15		
	R 62 UPN	GMRA 62 UPN	FMRA 62 UPN	400	209	128	6" 150mm	2"	N	-	5/8"	1/2"	
	R 62 UPL	GMRA 62 UPL	FMRA 62 UPL						L	-	5/8"		
	R 62 UPK	GMRA 62 UPK	FMRA 62 UPK						K		K15		
	R 82 UPN	GMRA 82 UPN	FMRA 82 UPN	500	257	166	8" 200mm	2"	N	-	7/8"	5/8"	
	R 82 UPL	GMRA 82 UPL	FMRA 82 UPL						L	-	7/8"		
	R 82 UPK	GMRA 82 UPK	FMRA 82 UPK						K		K20		
	R 102 UPN	GMRA 102 UPN	FMRA 102 UPN	600	308	195	10" 250mm	2"	N	-	7/8"	5/8"	
	R 102 UPL	GMRA 102 UPL	FMRA 102 UPL						L	-	7/8"		
	R 102 UPK	GMRA 102 UPK	FMRA 102 UPK						K		K20		



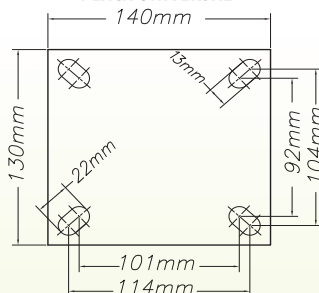
POLIURETANO - MOLDADO

REVESTIMENTO	REFERÊNCIA	MRA		kg	mm	mm	mm	mm	+			mm	
									N	L	K		
POLIURETANO - MOLDADO	R 42 UFK	GMRA 42 UFK	FMRA 42 UFK	500	159	89	4" 100mm	2"	N	-	5/8"	1/2"	62
	R 52 UFN	GMRA 52 UFN	FMRA 52 UFN	600	186	109	5" 125mm	2"	N		5/8"		
	R 52 UFK	GMRA 52 UFK	FMRA 52 UFK						K	-	K15		
	R 62 UFN	GMRA 62 UFN	FMRA 62 UFN	700	206	128	6" 150mm	2"	N		5/8"	1/2"	
	R 62 UFK	GMRA 62 UFK	FMRA 62 UFK						K		K15		
	R 82 UFK	GMRA 82 UFK	FMRA 82 UFK	900	253	166	8" 200mm	2"	K		K20	5/8"	
	R 102 UFK	GMRA 102 UFK	FMRA 102 UFK	900	306	195	10" 250mm	2"	K		K20		

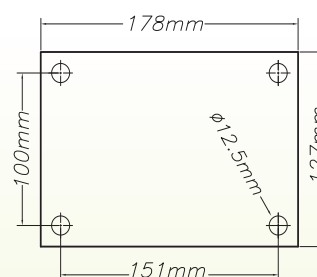
ACESSÓRIOS



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PLACA OPCIONAL



TIPO DE MANCAL

- Bucha de Nylon Grafitado
- Rolamentos de Roletas
- Rolamento blindado tipo "SKF"

SÉRIE 2 - LINHA MRA - CARGAS DE ATÉ 800 kg



POLIURETANO MOLDADO - NYLON

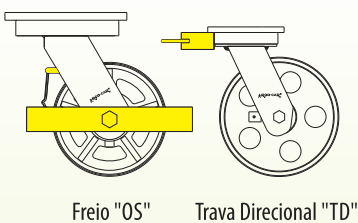
REVESTIMENTO	REFERÊNCIA	MRA		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
POLIURETANO	R 52 UNNM	GMRA 52 UNNM	FMRA 52 UNNM	475	186	109	5" 125mm	2"	N	-	5/8"	1/2"	62
	R 52 UNLM	GMRA 52 UNLM	FMRA 52 UNLM						L	-	5/8"		
	R 52 UNKM	GMRA 52 UNKM	FMRA 52 UNKM						K		K15		
	R 62 UNNM	GMRA 62 UNNM	FMRA 62 UNNM	550	206	128	6" 150mm	2"	N	-	5/8"	1/2"	
	R 62 UNLM	GMRA 62 UNLM	FMRA 62 UNLM						L	-	5/8"		
	R 62 UNKM	GMRA 62 UNKM	FMRA 62 UNKM						K		K15		
	R 82 UNNM	GMRA 82 UNNM	FMRA 82 UNNM	700	253	166	8" 200mm	2"	N	-	7/8"	5/8"	
	R 82 UNLM	GMRA 82 UNLM	FMRA 82 UNLM						L	-	7/8"		
	R 82 UNKM	GMRA 82 UNKM	FMRA 82 UNKM						K		K20		
	R 102 UNNM	GMRA 102 UNNM	FMRA 102 UNNM	700	306	195	10" 250mm	2"	N	-	7/8"	5/8"	
	R 102 UNLM	GMRA 102 UNLM	FMRA 102 UNLM						L	-	7/8"		
	R 102 UNKM	GMRA 102 UNKM	FMRA 102 UNKM						K		K20		



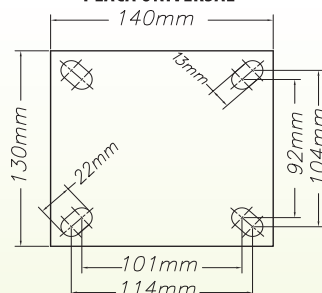
NYLON COM FIBRA DE VIDRO

REVESTIMENTO	REFERÊNCIA	MR		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
NYLON COM FIBRA DE VIDRO	R 52 NNVN	GMRA 52 NNVN	FMRA 52 NNVN	500	186	109	5" 125mm	2"	N	-	5/8"	1/2"	62
	R 52 NNVK	GMRA 52 NNVK	FMRA 52 NNVK						K		K15		
	R 62 NNVN	GMRA 62 NNVN	FMRA 62 NNVN	600	209	128	6" 150mm	2"	N	-	5/8"	1/2"	
	R 62 NNVK	GMRA 62 NNVK	FMRA 62 NNVK						K		K15		
	R 82 NNVN	GMRA 82 NNVN	FMRA 82 NNVN	800	257	166	8" 200mm	2"	N	-	7/8"	5/8"	
	R 82 NNVK	GMRA 82 NNVK	FMRA 82 NNVK						K		K20		
	R 102 NNVN	GMRA 102 NNVN	FMRA 102 NNVN	800	308	195	10" 250mm	2"	N	-	7/8"	5/8"	
	R 102 NNVK	GMRA 102 NNVK	FMRA 102 NNVK						K		K20		

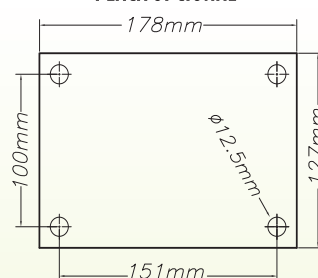
ACESSÓRIOS



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PLACA OPCIONAL



TIPO DE MANCAL

- Bucha de Nylon Grafitado
- Rolamentos de Roletes
- Rolamento blindado tipo "SKF"

SÉRIE 2 - LINHA MRA - CARGAS DE ATÉ 900 kg



POLIURETANO MOLDADO - ROUND - 60 SHORE D

REVESTIMENTO	REFERÊNCIA	MR		kg	mm	mm	mm	mm	mm	+	+	mm	
POLIURETANO MOLDADO ROUND	R 52 UFKRV	GMRA 52 UFKRV	FMRA 52 UFKRV	600	186	109	5" 125mm	2"	K		K15	1/2"	62
	R 62 UFKRV	GMRA 62 UFKRV	FMRA 62 UFKRV	700	206	128	6" 150mm	2"	K		K15		
	R 82 UFKRV	GMRA 82 UFKRV	FMRA 82 UFKRV	900	253	166	8" 200mm	2"	K		K20	5/8"	
	R 102 UFKRV	GMRA 102 UFKRV	FMRA 102 UFKRV	900	306	195	10" 250mm	2"	K		K20		



POLIURETANO MOLDADO - ROUND - 90 SHORE A

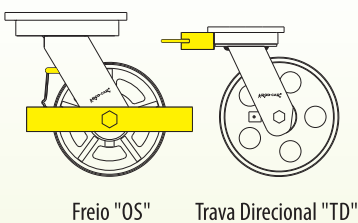
REVESTIMENTO	REFERÊNCIA	MR		kg	mm	mm	mm	mm	mm	+	+	mm	
POLIURETANO MOLDADO ROUND	R 52 UFKRA	GMRA 52 UFKRA	FMRA 52 UFKRA	600	186	109	5" 125mm	2"	K		K15	1/2"	62
	R 62 UFKRA	GMRA 62 UFKRA	FMRA 62 UFKRA	700	206	128	6" 150mm	2"	K		K15		
	R 82 UFKRA	GMRA 82 UFKRA	FMRA 82 UFKRA	900	253	166	8" 200mm	2"	K		K20	5/8"	
	R 102 UFKRA	GMRA 102 UFKRA	FMRA 102 UFKRA	900	306	195	10" 250mm	2"	K		K20		



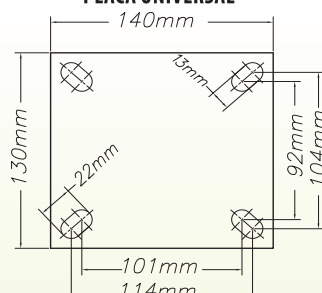
POLIURETANO MOLDADO - ALUMÍNIO - 80 SHORE A

REVESTIMENTO	REFERÊNCIA	MR		kg	mm	mm	mm	mm	mm	+	+	mm	
POLIURETANO	R 52 UAK	GMRA 52 UAK	FMRA 52 UAK	600	186	109	5" 125mm	2"	K		K15	1/2"	62
	R 62 UAK	GMRA 62 UAK	FMRA 62 UAK	700	209	128	6" 150mm	2"	K		K15		
	R 82 UAK	GMRA 82 UAK	FMRA 82 UAK	900	257	166	8" 200mm	2"	K		K20	5/8"	

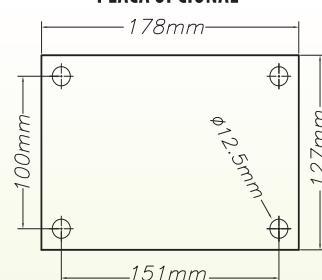
ACESSÓRIOS



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PLACA OPCIONAL



TIPO DE MANCAL

- Bucha de Nylon Grafitado
- Rolamentos de Roletes
- Rolamento blindado tipo "SKF"

SÉRIE 2 - LINHA MRA - CARGAS DE ATÉ 700 kg



NYLON - INJETADO

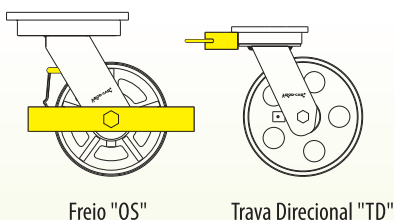
REVESTIMENTO	REFERÊNCIA	MRA		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
NYLON	R 52 NPN	GMRA 52 NPN	FMRA 52 NPN	350	186	109	5" 125mm	2"	N	-	5/8"	1/2"	62
	R 52 NPL	GMRA 52 NPL	FMRA 52 NPL						L	-	5/8"		
	R 52 NPK	GMRA 52 NPK	FMRA 52 NPK						K		K15		
	R 62 NPN	GMRA 62 NPN	FMRA 62 NPN	400	209	128	6" 150mm	2"	N	-	5/8"	1/2"	
	R 62 NPL	GMRA 62 NPL	FMRA 62 NPL						L	-	5/8"		
	R 62 NPK	GMRA 62 NPK	FMRA 62 NPK						K		K15		
	R 82 NPN	GMRA 82 NPN	FMRA 82 NPN	500	257	166	8" 200mm	2"	N	-	7/8"	5/8"	
	R 82 NPL	GMRA 82 NPL	FMRA 82 NPL						L	-	7/8"		
	R 82 NPK	GMRA 82 NPK	FMRA 82 NPK						K		K20		
	R 102 NPN	GMRA 102 NPN	FMRA 102 NPN	600	308	195	10" 250mm	2"	N	-	7/8"	5/8"	
	R 102 NPL	GMRA 102 NPL	FMRA 102 NPL						L	-	7/8"		
	R 102 NPK	GMRA 102 NPK	FMRA 102 NPK						K		K20		



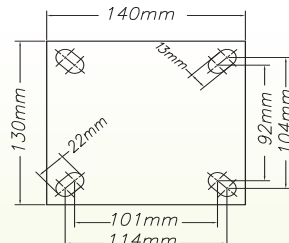
NYLON INJETADO - INTEGRAL

REVESTIMENTO	REFERÊNCIA	MRA		kg	mm	mm	mm	mm	+			+	mm
									N	L	K		
NYLON - INTEGRAL	R 52 NNN	GMRA 52 NNN	FMRA 52 NNN	500	186	109	5" 125mm	2"	N	-	5/8"	1/2"	62
	R 52>NNL	GMRA 52>NNL	FMRA 52>NNL						L	-	5/8"		
	R 52>NNK	GMRA 52>NNK	FMRA 52>NNK						K		K15		
	R 62 NNN	GMRA 62 NNN	FMRA 62 NNN	600	209	128	6" 150mm	2"	N	-	5/8"	1/2"	
	R 62>NNL	GMRA 62>NNL	FMRA 62>NNL						L	-	5/8"		
	R 62>NNK	GMRA 62>NNK	FMRA 62>NNK						K		K15		
	R 82 NNN	GMRA 82 NNN	FMRA 82 NNN	800	257	166	8" 200mm	2"	N	-	7/8"	5/8"	
	R 82>NNL	GMRA 82>NNL	FMRA 82>NNL						L	-	7/8"		
	R 82>NNK	GMRA 82>NNK	FMRA 82>NNK						K		K20		
	R 102 NNN	GMRA 102 NNN	FMRA 102 NNN	800	308	195	10" 250mm	2"	N	-	7/8"	5/8"	
	R 102>NNL	GMRA 102>NNL	FMRA 102>NNL						L	-	7/8"		
	R 102>NNK	GMRA 102>NNK	FMRA 102>NNK						K		K20		

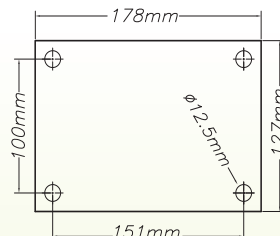
ACESSÓRIOS



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PLACA OPCIONAL



TIPO DE MANCAL

- Bucha de Nylon Grafitado
- Rolamentos de Roletes
- Rolamento blindado tipo "SKF"

SÉRIE 2 - LINHA MRA - CARGAS DE ATÉ 900 kg



CELERON

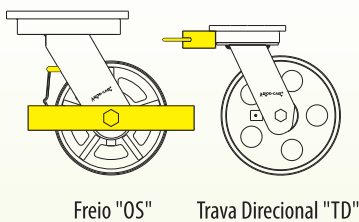
REVESTIMENTO	REFERÊNCIA	MRA		kg	mm	mm	mm	mm	+			mm	
									L	-	+		
CELERON	R 52 CL	GMRA 52 CL	FMRA 52 CL	500	186	109	5" 125mm	2"	L	-	5/8"	1/2"	62
	R 52 CK	GMRA 52 CK	FMRA 52 CK						K		K15		
	R 62 CL	GMRA 62 CL	FMRA 62 CL	600	206	128	6" 150mm	2"	L	-	5/8"		
	R 62 CK	GMRA 62 CK	FMRA 62 CK						K		K15		
	R 82 CL	GMRA 82 CL	FMRA 82 CL	800	257	166	8" 200mm	2"	L	-	7/8"	5/8"	
	R 82 CK	GMRA 82 CK	FMRA 82 CK						K		K20		



FERRO FUNDIDO

REVESTIMENTO	REFERÊNCIA	MRA		kg	mm	mm	mm	mm	+			mm	
									N	-	+		
FERRO	R 52 FN	GMRA 52 FN	FMRA 52 FN	600	183	109	5" 125mm	2"	N	-	5/8"	1/2"	62
	R 52 FK	GMRA 52 FK	FMRA 52 FK						K		K15		
	R 62 FN	GMRA 62 FN	FMRA 62 FN	700	206	128	6" 150mm	2"	N	-	5/8"		
	R 62 FK	GMRA 62 FK	FMRA 62 FK						K		K15		
	R 82 FK	GMRA 82 FK	FMRA 82 FK	900	253	166	8" 200mm	2"	K		K20	5/8"	
	R 102 FK	GMRA 102 FK	FMRA 102 FK	900	306	195	10" 250mm	2"	K		K20		

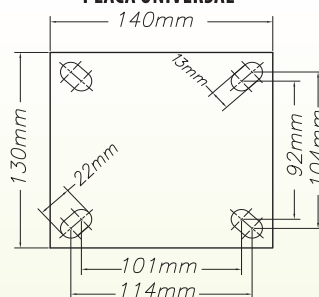
ACESSÓRIOS



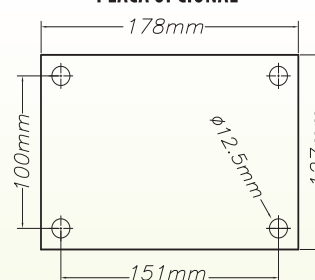
Freio "OS"

Trava Direcional "TD"

PLACA UNIVERSAL



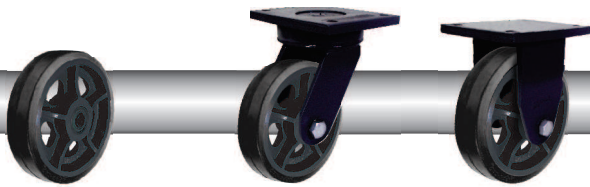
PLACA OPCIONAL



TIPO DE MANCAL

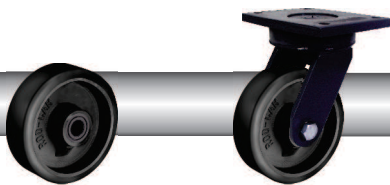
- Bucha de Nylon Grafitado
- Rolamentos de Roletes
- Rolamento blindado tipo "SKF"

SÉRIE 3 - LINHA MPA - CARGAS DE ATÉ 1400 kg



BORRACHA - MOLDADA

REVESTIMENTO	REFERÊNCIA	MPA		KG	mm	mm	mm	mm	mm	+		mm	mm
BORRACHA	R 63 BFK	GMPA 63 BFK	FMPA 63 BFK	400	220	133	6" 150mm	3"	K		K25	3/4"	78
	R 83 BFK	GMPA 83 BFK	FMPA 83 BFK	500	264	169	8" 200mm	3"	K		K25		
	R 103 BFK	GMPA 103 BFK	FMPA 103 BFK	600	322	202	10" 250mm	3"	K		K25		
	R 123 BFK	GMPA 123 BFK	FMPA 123 BFK	750	370	230	12" 300mm	3"	K		K25		



BORRACHA - MOLDADA - PARA CONTAINER DE LIXO

REVESTIMENTO	REFERÊNCIA	MPAL		KG	mm	mm	mm	mm	mm	+		mm	mm
BORRACHA	R 63 BFX	GMPAL 63 BFX	-	400	220	133	6" 150mm	3"			1"	3/4"	78



POLIURETANO - MOLDADO

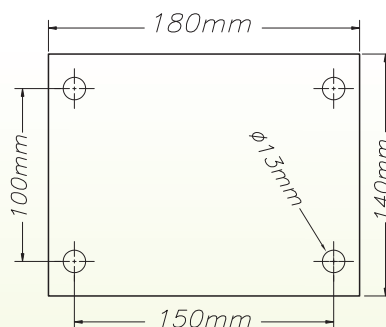
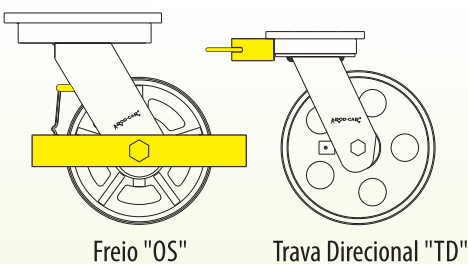
REVESTIMENTO	REFERÊNCIA	MPA		KG	mm	mm	mm	mm	mm	+		mm	mm
POLIURETANO	R 63 UFK	GMPA 63 UFK	FMPA 63 UFK	1000	220	133	6" 150mm	3"	K		K25	3/4"	78
	R 83 UFK	GMPA 83 UFK	FMPA 83 UFK	1200	264	169	8" 200mm	3"	K		K25		
	R 103 UFK	GMPA 103 UFK	FMPA 103 UFK	1300	322	202	10" 250mm	3"	K		K25		
	R 123 UFK	GMPA 123 UFK	FMPA 123 UFK	1400	370	230	12" 300mm	3"	K		K25		

RODAS TIPO 6x3 / 8x3 / 10x3 / 12x3

PLACA

TIPO DE MANCAL

ACESSÓRIOS



Rolamento blindado tipo "SKF"

SÉRIE 3 - LINHA MPA - CARGAS DE ATÉ 1400 kg



CELERON

REVESTIMENTO	REFERÊNCIA	MPA		kg	mm	mm	mm	mm	+			+	mm
									L	-	1"		
CELERON	R 63 CL	GMPA 63 CL	FMPA 63 CL	800	220	133	6" 150mm	3"	L	-	1"	3/4"	78
	R 63 CK	GMPA 63 CK	FMPA 63 CK						K		K25		
	R 83 CL	GMPA 83 CL	FMPA 83 CL	1000	264	169	8" 200mm	3"	L	-	1"		
	R 83 CK	GMPA 83 CK	FMPA 83 CK						K		K25		



FERRO FUNDIDO

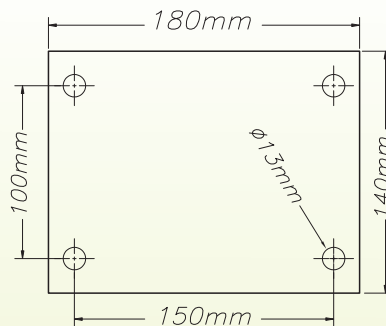
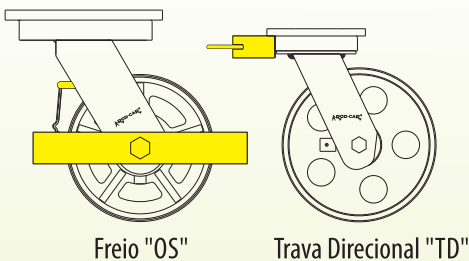
REVESTIMENTO	REFERÊNCIA	MPA		kg	mm	mm	mm	mm	+			+	mm
									L	-	1"		
FERRO	R 63 FK	GMPA 63 FK	FMPA 63 FK	1000	220	133	6" 150mm	3"	K		K25	3/4"	78
	R 83 FK	GMPA 83 FK	FMPA 83 FK						K		K25		
	R 103 FK	GMPA 103 FK	FMPA 103 FK	1300	322	202	10" 250mm	3"	K		K25		
	R 123 FK	GMPA 123 FK	FMPA 123 FK						K		K25		

RODAS TIPO 6x3 / 8x3 / 10x3 / 12x3

PLACA

TIPO DE MANCAL

ACESSÓRIOS



Rolamento de Rolete



Rolamento blindado tipo "SKF"



BORRACHA - MOLDADA

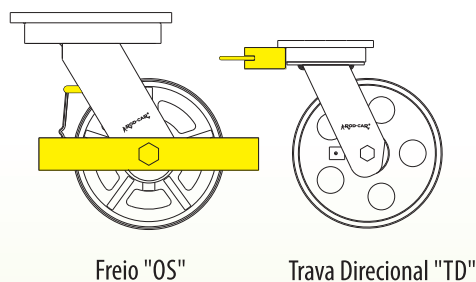
REVESTIMENTO	REFERÊNCIA	PA		kg	mm	mm	mm	mm	+	+	+	mm	
BORRACHA	R 63 BFK	GPA 63 BFK	FPA 63 BFK	400	230	131	6" 150mm	3"	K		K25	3/4"	78
	R 83 BFK	GPA 83 BFK	FPA 83 BFK	500	275	169	8" 200mm	3"	K		K25		
	R 103 BFK	GPA 103 BFK	FPA 103 BFK	600	325	195	10" 250mm	3"	K		K25		
	R 123 BFK	GPA 123 BFK	FPA 123 BFK	750	380	230	12" 300mm	3"	K		K25		
	R 104 BFK	GPA 104 BFK	FPA 104 BFK	800	325	195	10" 250mm	4"	K		K25		
	R 124 BFK	GPA 124 BFK	FPA 124 BFK	1000	380	230	12" 300mm	4"	K		K25	110	



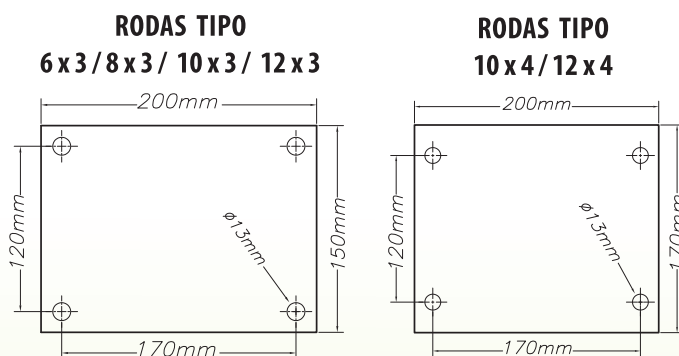
POLIURETANO - MOLDADO

REVESTIMENTO	REFERÊNCIA	PA		kg	mm	mm	mm	mm	+	+	+	mm	
POLIURETANO - MOLDADO	R 63 UFK	GPA 63 UFK	FPA 63 UFK	1000	230	131	6" 150mm	3"	K		K25	3/4"	78
	R 83 UFK	GPA 83 UFK	FPA 83 UFK	1200	275	169	8" 200mm	3"	K		K25		
	R 103 UFK	GPA 103 UFK	FPA 103 UFK	1300	325	195	10" 250mm	3"	K		K25		
	R 123 UFK	GPA 123 UFK	FPA 123 UFK	1400	380	230	12" 300mm	3"	K		K25		
	R 104 UFK	GPA 104 UFK	FPA 104 UFK	1600	325	195	10" 250mm	4"	K		K25		
	R 124 UFK	GPA 124 UFK	FPA 124 UFK	1800	380	230	12" 300mm	4"	K		K25	110	

ACESSÓRIOS



PLACAS



TIPO DE MANCAL



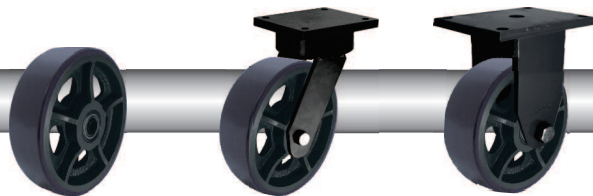
Rolamento blindado tipo "SKF"

SÉRIE 3 e 4 - LINHA PA - CARGAS DE ATÉ 1700 kg



CELERON

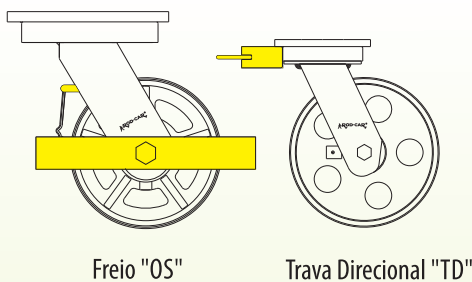
REVESTIMENTO	REFERÊNCIA	PA		KG	mm	mm	mm	mm	+			+	mm
									L	-	1"		
CELERON	R 63 CL	GPA 63 CL	FPA 63 CL	800	230	131	6" 150mm	3"	L	-	1"	3/4"	78
	R 63 CK	GPA 63 FK	FPA 63 CK						K		K25		
	R 83 CL	GPA 83 CL	FPA 83 CL	1000	275	169	8" 200mm	3"	L	-	1"	3/4"	78
	R 83 CK	GPA 83 CK	FPA 83 CK						K		K25		
	R 124 CK	GPA 124 CK	FPA 124 CK	1700	380	230	12" 300mm	4"	K		K25	110	



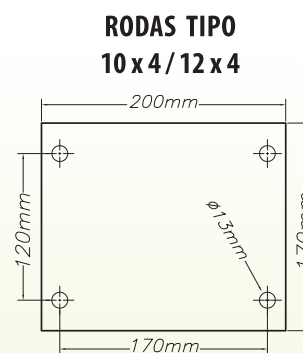
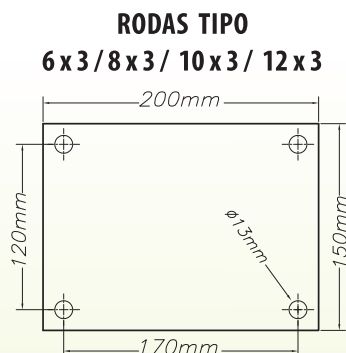
FERRO FUNDIDO

REVESTIMENTO	REFERÊNCIA	PA		KG	mm	mm	mm	mm	+			+	mm
									L	-	1"		
FERRO	R 63 FK	GPA 63 FK	FPA 63 FK	1000	230	131	6" 150mm	3"	K		K25	3/4"	78
	R 83 FK	GPA 83 FK	FPA 83 FK						1200	275	169		
	R 103 FK	GPA 103 FK	FPA 103 FK	1300	325	195	10" 250mm	3"	K		K25	110	
	R 104 FK	GPA 104 FK	FPA 104 FK	1600	325	195	10" 250mm	4"	K		K25		

ACESSÓRIOS



PLACAS



TIPO DE MANCAL



SÉRIE 3 - LINHA DPA - CARGAS DE ATÉ 2800 kg



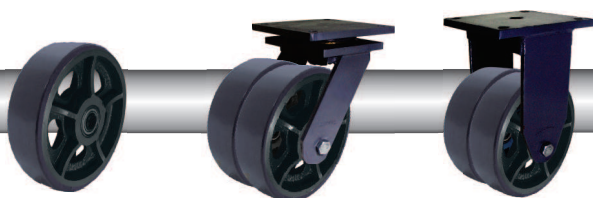
BORRACHA - MOLDADA

REVESTIMENTO	REFERÊNCIA	DPA		KG	mm	mm	mm	mm	mm	+			mm
										K		K25	
BORRACHA - MOLDADA	R 63 BFK	GDPA 63 BFK	FDPA 63 BFK	800	230	131	6" 150mm	3"	K		K25	3/4"	156
	R 83 BFK	GDPA 83 BFK	FDPA 83 BFK	1000	275	169	8" 200mm						
	R 103 BFK	GDPA 103 BFK	FDPA 103 BFK	1200	325	195	10" 250mm						
	R 123 BFK	GDPA 123 BFK	FDPA 123 BFK	1500	375	287	12" 300mm						



POLIURETANO - MOLDADO

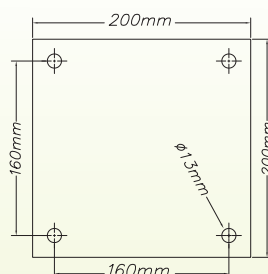
REVESTIMENTO	REFERÊNCIA	DPA		KG	mm	mm	mm	mm	mm	+			mm
										K		K25	
POLIURETANO - MOLDADO	R 63 UFK	GDPA 63 UFK	FDPA 63 UFK	2000	230	131	6" 150mm	3"	K		K25	3/4"	156
	R 83 UFK	GDPA 83 UFK	FDPA 83 UFK	2400	275	169	8" 200mm						
	R 103 UFK	GDPA 103 UFK	FDPA 103 UFK	2600	325	195	10" 250mm						
	R 123 UFK	GDPA 123 UFK	FDPA 123 UFK	2800	375	287	12" 300mm						



FERRO FUNDIDO

REVESTIMENTO	REFERÊNCIA	DPA		KG	mm	mm	mm	mm	mm	+			mm
										K		K25	
FERRO - FUNDIDO	R 63 FK	GDPA 63 FK	FDPA 63 FK	2000	230	131	6" 150mm	3"	K		K25	3/4"	156
	R 83 FK	GDPA 83 FK	FDPA 83 FK	2400	275	169	8" 200mm						
	R 103 FK	GDPA 103 FK	FDPA 103 FK	2600	325	195	10" 250mm						
	R 123 FK	GDPA 123 FK	FDPA 123 FK	2800	375	287	12" 300mm						

PLACA



RODAS TIPO 6X3 / 8X3 / 10X3

TIPO DE MANCAL



Rolamento blindado tipo "SKF"

SÉRIE 3 e 4 - LINHA PAM - CARGAS DE ATÉ 750 kg



BORRACHA - MOLDADA

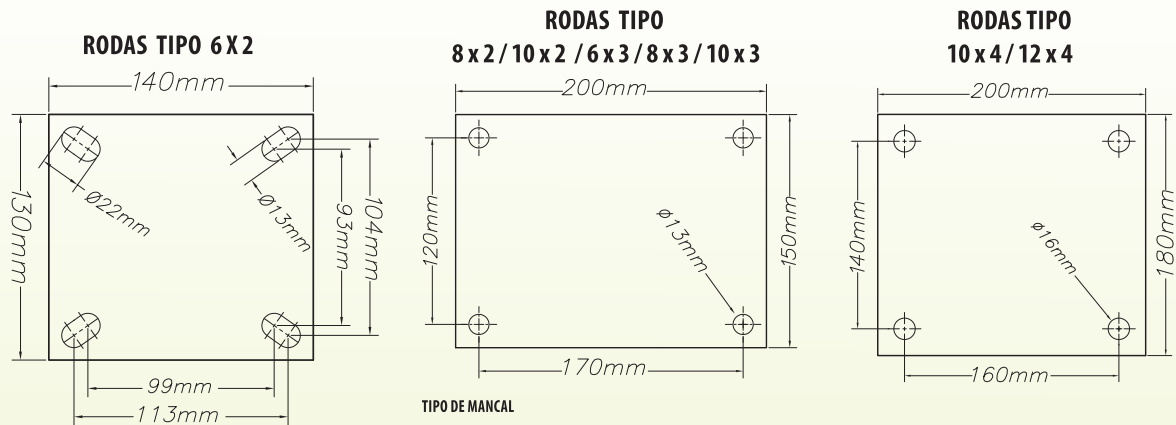
REVESTIMENTO	REFERÊNCIA	PAM		CARGA DA MOLLA KG	mm	mm	mm	mm	mm	mm	mm	
BORRACHA - MOLDADA	R 63 BFK	GPAM 63 BFK	FPAM 63 BFK	500	323	174	8" 200mm	3"	K		K25	78
	R 103 BFK	GPAM 103 BFK	FPAM 103 BFK	500	349	200	10" 250mm		K		K25	
	R 104 BFK	GPAM 104 BFK	FPAM 104 BFK	750	372	226	10" 250mm	4"	K		K25	110
	R 124 BFK	GPAM 124 BFK	PAM 124 BFK	750	398	252	12" 300mm		K		K25	



POLIURETANO - MOLDADO

REVESTIMENTO	REFERÊNCIA	PAM		CARGA DA MOLLA KG	mm	mm	mm	mm	mm	mm	mm	
POLIURETANO - MOLDADO	R 62 UFK	GPAM 62 UFK	FPAM 62 UFK	130	225	131	6" 150mm	2"	K		K15	62
	R 82 UFK	GPAM 82 UFK	FPAM 82 UFK	180	289	171	8" 200mm		K		K20	
	R 102 UFK	GPAM 102 UFK	FPAM 102 UFK	250	340	200	10" 250mm	3"	K		K25	78
	R 63 UFK	GPAM 63 UFK	FPAM 63 UFK	400	232	147	6" 150mm		K		K25	
	R 83 UFK	GPAM 83 UFK	FPAM 83 UFK	500	323	172	8" 200mm	4"	K		K25	110
	R 103 UFK	GPAM 103 UFK	FPAM 103 UFK	500	349	198	10" 250mm		K		K25	
	R 104 UFK	GPAM 104 UFK	FPAM 104 UFK	750	370	224	10" 250mm	4"	K		K25	110
	R 124 UFK	GPAM 124 UFK	FPAM 124 UFK	750	396	250	12" 300mm		K		K25	

PLACAS



TIPO DE MANCAL



Rolamento blindado tipo "SKF"

SÉRIE 4 - LINHA PAE - CARGAS DE ATÉ 2000 kg



BORRACHA - MOLDADA

REVESTIMENTO	REFERÊNCIA			KG	mm	mm							mm
		PAE							K		K25		
BORRACHA MOLDADA	R 104 BFK	GPAE 104 BFK	FPAE 104 BFK	800	325	195	10" 250mm	4"	K		K25	3/4"	110
	R 124 BFK	GPAE 124 BFK	FPAE 124 BFK	1000	380	230	12" 300mm		K		K25		



POLIURETANO - MOLDADO

REVESTIMENTO	REFERÊNCIA			KG	mm	mm							mm
		PAE							K		K25		
POLIURETANO MOLDADO	R 104 UFK	GPAE 104 UFK	FPAE 104 UFK	1800	335	195	10" 250mm	4"	K		K25	3/4"	110
	R 124 UFK	GPAE 124 UFK	FPAE 124 UFK	2000	380	230	12" 300mm		K		K25		



CELERON

REVESTIMENTO	REFERÊNCIA			KG	mm	mm							mm
		PAE							K		K25		
CELERON	R 124 CK	GPAE 124 CK	FPAE 124 CK	1600	380	230	12" 300mm	4"	K		K25	3/4"	110

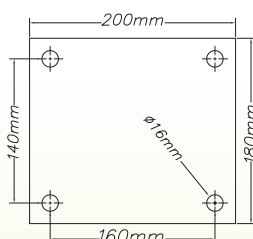


FERRO FUNDIDO

REVESTIMENTO	REFERÊNCIA			KG	mm	mm							mm
		PAE							K		K25		
FERRO	R 104 FK	GPAE 104 FK	FPAE 104 FK	1800	335	195	10" 250mm	4"	K		K25	3/4"	110

PLACA

RODAS TIPO 10x4 / 12x4



TIPO DE MANCAL



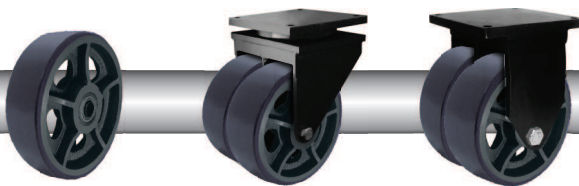
Rolamento blindado tipo "SKF"

SÉRIE 4 - LINHA DPAE - CARGAS DE ATÉ 3800 kg



POLIURETANO - MOLDADO

REVESTIMENTO	REFERÊNCIA	DPAE		CARGA DA MOLA KG	mm	mm	mm	mm	mm	+			mm
POLIURETANO MOLDADO	R 123 UFK	GDPAE 123 UFK	FDPAE 123 UFK	2800	410	230	12" 300mm	3"	K	000	K25	25	156
	R 104 UFK	GDPAE 104 UFK	FDPAE 104 UFK	3400	385	195	10" 250mm	4"	K	000	K30	25	220
	R 124 UFK	GDPAE 124 UFK	FDPAE 124 UFK	3800	410	230	12" 300mm		K	000	K30		



FERRO FUNDIDO

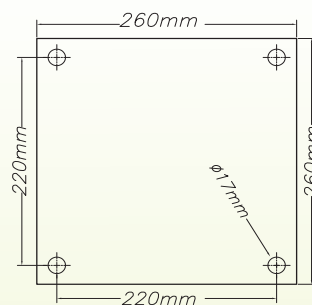
REVESTIMENTO	REFERÊNCIA	DPAE		CARGA DA MOLA KG	mm	mm	mm	mm	mm	+			mm
FERRO FUNDIDO	R 123 FK	GDPAE 123 FK	FDPAE 123 FK	2800	410	230	12" 300mm	3"	K	000	K25	25	156
	R 104 FK	GDPAE 104 FK	FDPAE 104 FK	3400	385	195	10" 250mm	4"	K	000	K25	25	220



CELERON

REVESTIMENTO	REFERÊNCIA	DPAE		CARGA DA MOLA KG	mm	mm	mm	mm	mm	+			mm
CELERON	R 124 CK	GDPAE 124 CK	FDPAE 124 CK	3400	410	230	12" 300mm	4"	K	000	K30	25	220

PLACA



TIPO DE MANCAL



Rolamento blindado tipo "SKF"

RODAS TIPO
12 x 3 / 10 x 4 / 12 x 4

SÉRIE IR - MPA - PN PNEUMÁTICA - CARGAS DE ATÉ 450 kg



PNEUMÁTICA - LINHA IR

REFINIMENTO	REFERÊNCIA	IR		KG	mm	mm	mm	mm	mm	+	+	+	mm
PNEUMÁTICA	R 254 PNN	GIR 254 PNN	FIR 254 PNN	100	252	165	214mm	60mm	N	-	3/4" 7/8"	5/8"	72
	R 254 PNL	GIR 254 PNL	FIR 254 PNL						L	-	3/4"		
	R 254 PNLX	GIR 254 PNLX	FIR 254 PNLX						L	-	3/4"		
	R 254 PNK	GIR 254 PNK	FIR 254 PNK						K		K20		

PNEUMÁTICA	REFERÊNCIA	KG	mm	mm	mm	+	+	mm								
	R 354 PNN								150	270 mm	80 mm	N	-	1"	3/4" 7/8"	72
	R 354 PNL											L	-	1"	7/8"	
	R 354 PNLX											L	-	1"		
	R 354 PNK											K		K20	5/8"	



RODA DE PNEU MACIÇO

PNEU MACIÇO	REFERÊNCIA	IR		KG	mm	mm	mm	mm	+	+	+	mm
R 254 PNK - MACIÇO	GIR 254 PNK - MACIÇO	FIR 254 PNK - MACIÇO	100	252	165	214mm	64mm	K		K20	5/8"	72



PNEUMÁTICA LINHA MPA

PNEUMÁTICA	REFERÊNCIA	MPA		KG	mm	mm	mm	mm	+	+	+	mm
R 358 PNL	GMPA 358 PNL	FMPA 358 PNL	220	453	275	380mm	88mm	L	-	1"	3/4"	110
R 358 PNK	GMPA 358 PNK	FMPA 358 PNK	220	453	275	380mm	88mm	K		K25	3/4"	



RODAS DE PNEU MACIÇO - ESTAMPADAS

PNEU MACIÇO	REFERÊNCIA	MPA		KG	mm	mm	mm	mm	+	+	+	mm
R 123 BDL	GMPA 123 BDL	FMPA 123 BDL	350	370	230	12" 310mm	3"	L	-	1"	3/4"	78
R 123 BDK	GMPA 123 BDK	FMPA 123 BDK						K		K25		
R 153 BDL	GMPA 153 BDL	FMPA 153 BDL	450	458	280	15" 390mm	3"	L	-	1"	3/4"	110
R 153 BDK	GMPA 153 BDK	FMPA 153 BDK						K		K25		



SÉRIE ESPECIAL



Giratório c/ placa furação especial
REF.: GIRA 62 UFK
Aplic.: Racks automobilísticos e carrinhos industriais



Giratório c/freio central
REF.: GPAM 82 UFK
Aplic.: Indústrias automobilísticas



Núcleo de nylon revest. em poliuretano
REF.: R 82 UNK
Aplic.: Paletes, frigoríficos e indústrias em geral



Roda núcleo de nylon revestido em Poliuretano rodízio com espiga quadrada
REF.: GMRA 82 UNK C/espiga quadrada
Aplic.: Indústrias em geral



Fixo com freio
REF.: FMRAOP 62 UFK
Aplic.: Carrinhos industriais



REF.: R 414 FNV
Aplic.: Trilhos e indústrias em geral



Borracha camada dupla
REF.: GMRA 52 BFK camada dupla
Aplic.: Automobilísticos, indústrias aeronáuticas em geral.



Com freio trava pedal
REF.: GRROTP 414 PPKC
Aplic.: Cozinha industrial



Roda 210 GEL
REF.: GLR 210 GEL
Aplic.: Indústrias de móveis



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Rodas e Rodízios



Armazenagem



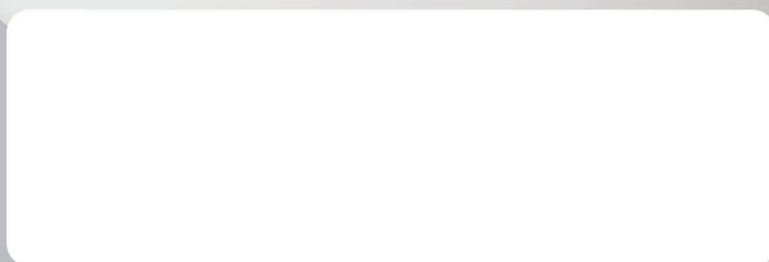
Prateleiras



Hotelaria



Industrial



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