

2022



Catálogo geral de **Rolamentos**



MÜLLER

ROLAMENTOS • CORRENTES

Distribuidor Oficial

OBM®

Moving on.

CATÁLOGO ROLAMENTOS

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INTRODUÇÃO

Os Rolamentos OBM foram desenvolvidos para atender as exigências técnicas do mercado industrial.

São fabricados em unidade fabris credenciadas com ISO 9001, portanto, produtos fabricados dentro dos padrões da Norma Internacional ISO.

Esta parceria permite que a OBM HP disponibilize os principais tipos de rolamentos e condicionados tecnicamente a atender as diversas aplicações.

A melhoria contínua da qualidade, e a disponibilidade para novos desenvolvimentos de produtos, a OBM HP se coloca como uma das melhores alternativas para o mercado Agrícola, Automotivo, Indústrias de Máquinas, Indústrias de Base e Metalmeccânica.



MATERIAL DOS ROLAMENTOS

Composição químicas dos aços utilizados para os rolamentos OBM HP e RBM

Elementos	C	Si	Mn	Cr	Ni	Mo	P	S	Cu
GCr15	0.95~1.05	0.15~0.35	0.25~0.45	1.40~1.64	---	---	<=0.025	<=0.025	---
GCr15SiMn	0.95~1.05	0.45~0.75	0.95~1.25	1.40~1.64	---	---	<=0.025	<=0.025	---
G20CrNi2Mo	0.17~0.23	0.15~0.40	0.40~0.70	0.35~0.65	1.60~2.00	1.60~2.00	<=0.030	<=0.030	<=0.25
G20Cr2Ni4	0.17~0.23	0.15~0.40	0.30~0.60	1.25~1.75	3.25~3.75	---	<=0.030	<=0.030	<=0.25
50Mn	0.48~0.56	0.17~0.37	0.70~1.00	---	---	---	---	---	---
42CrMo	0.38~0.45	0.17~0.37	0.50~0.80	0.90~1.20	---	0.15~0.25	---	---	---

Equivalencia das Normas para Aços dos Rolamentos

RBM (CHINA)	ASTM (EUA)	DIN (ALEMANHA)	JIS (JAPÃO)
GCr15	AISI 52100	DIN100Cr6	JIS SUJ2
GCr15SiMn		DIN100CrMn67	JIS SUJ3
G20CrNi2Mo	AISI 4320		JIS SNCM415
G20Cr2Ni4	AISI 3316		
50Mn	AISI 1551		
42CrMo		DIN 42CrMo4	JIS SCM 440



TOLERÂNCIAS DIMENSIONAIS

Tolerâncias para Rolamentos Radiais (Excepto Rolamentos de Rolos Cônicos)

Diâm. Int.		Tolerância Dimensional pela Média (Δd_{mp})										Variação da Largura (ΔB_s)					
d (mm)		P0		P6		P5		P4		P2		P0;P6		P5;P4		P2	
de	até	de	até	de	até	de	até	de	até	de	até	de	até	de	até	de	até
0,6	2,5	0	-8	0	-7	0	-5	0	-4	0	-2,5	0	-40	0	-40	0	-40
2,5	10	0	-8	0	-7	0	-5	0	-4	0	-2,5	0	-120	0	-40	0	-40
10	18	0	-8	0	-7	0	-5	0	-4	0	-2,5	0	-120	0	-80	0	-80
18	30	0	-10	0	-8	0	-6	0	-5	0	-2,5	0	-120	0	-120	0	-120
30	50	0	-12	0	-10	0	-8	0	-6	0	-2,5	0	-120	0	-120	0	-120
50	80	0	-15	0	-12	0	-9	0	-7	0	-4	0	-150	0	-150	0	-150
80	120	0	-20	0	-15	0	-10	0	-8	0	-5	0	-200	0	-200	0	-200
120	150	0	-25	0	-18	0	-13	0	-10	0	-7	0	-250	0	-250	0	-250
150	180	0	-25	0	-18	0	-13	0	-10	0	-7	0	-250	0	-250	0	-250
180	250	0	-30	0	-22	0	-15	0	-12	0	-8	0	-300	0	-300	0	-300
250	315	0	-35	0	-25	0	-18	0				0	-350				
315	400	0	-40	0	-30	0	-23	0				0	-400				
400	500	0	-45	0	-35							0	-450				
500	630	0	-50	0	-40							0	-500				
630	800	0	-75														
800	1000	0	-100														
1000	1250	0	-125														
1250	1600	0	-160														
1600	2000	0	-200														

Tolerâncias para Rolamentos Radiais
(Excepto Rolamentos de Rolos Cônicos)

Tabela para Anel Externo

Diâm. Ext.		Tolerância Dimensional pela Média (ΔD_{mp})									
D (mm)		P0		P6		P5		P4		P2	
de	até	de	até	de	até	de	até	de	até	de	até
2,5	6	0	-8	0	-7	0	-5	0	-4	0	-2,5
6	18	0	-8	0	-7	0	-5	0	-4	0	-2,5
18	30	0	-9	0	-8	0	-6	0	-5	0	-4
30	50	0	-11	0	-9	0	-7	0	-6	0	-4
50	80	0	-13	0	-11	0	-9	0	-7	0	-4
80	120	0	-15	0	-13	0	-10	0	-8	0	-5
120	150	0	-18	0	-15	0	-11	0	-9	0	-5
150	180	0	-25	0	-18	0	-13	0	-10	0	-7
180	250	0	-30	0	-20	0	-15	0	-11	0	-8
250	315	0	-35	0	-25	0	-18	0	-13	0	-8
315	400	0	-40	0	-28	0	-20	0	-15	0	-10
400	500	0	-45	0	-33	0	-23	0			
500	630	0	-50	0	-38	0	-28	0			
630	800	0	-75	0	-45	0	-35	0			
800	1000	0	-100	0	-60	0		0			
1000	1250	0	-125								
1250	1600	0	-160								

CATÁLOGO ROLAMENTOS

Tolerâncias para Rolamentos de Rolos Cônicos (Série Métrica)

Tabela para Anel Interno								Tabela para Anel Externo							
Diâmetro		Tolerância Dimensional pela Média						Diâmetro		Tolerância Dimensional pela Média					
Interno		Δd_{mp} (unid: μm)						Externo		ΔD_{mp} (unid: μm)					
d (mm)		P0		P6; P5		P4		d (mm)		P0		P6; P5		P4	
de	até	de	até	de	até	de	até	de	até	de	até	de	até	de	até
10	18	0	-8	0	-7	0	-5	18	30	0	-9	0	-8	0	-6
18	30	0	-10	0	-8	0	-6	30	50	0	-11	0	-9	0	-7
30	50	0	-12	0	-10	0	-8	50	80	0	-13	0	-11	0	-9
50	80	0	-15	0	-12	0	-9	80	120	0	-15	0	-13	0	-10
80	120	0	-20	0	-15	0	-10	120	150	0	-18	0	-15	0	-11
120	180	0	-25	0	-18	0	-13	150	180	0	-25	0	-18	0	-13
180	250	0	-30	0	-22	0	-15	180	250	0	-30	0	-20	0	-15
250	315	0	-35	0	-25	0	-18	250	315	0	-35	0	-25	0	-18
315	400	0	-40	0	-30	0	-23	315	400	0	-40	0	-28	0	-20
400	500	0	-45	0	-35	0	-27	400	500	0	-45	0	-33	0	-23
500	630	0	-50	0	-40			500	630	0	-50	0	-38	0	-28
630	800	0	-75	0	-60			630	800	0	-75	0	-45		
								800	1000	0	-100	0	-60		

Tolerâncias para Rolamentos de Rolos Cônicos (Série Métrica)

Diâmetro Interno		Tabela de Tolerâncias para Largura (unid: μm)																	
		ΔBs						ΔCs						ΔTs					
d (mm)		P0; P6		P6X		P5; P4		P0; P6		P6X		P5; P4		P0; P6		P6X		P5; P4	
de	até	de	até	de	até	de	até	de	até	de	até	de	até	de	até	de	até	de	até
10	18	0	-120	0	-50	0	-200	0	-120	0	-100	0	-200	200	0	100	0	200	-200
18	30	0	-120	0	-50	0	-200	0	-120	0	-100	0	-200	200	0	100	0	200	-200
30	50	0	-120	0	-50	0	-240	0	-120	0	-100	0	-240	200	0	100	0	200	-200
50	80	0	-150	0	-50	0	-300	0	-150	0	-100	0	-300	200	0	100	0	200	-200
80	120	0	-200	0	-50	0	-400	0	-200	0	-100	0	-400	200	-200	100	0	200	-200
120	180	0	-250	0	-50	0	-500	0	-250	0	-100	0	-500	350	-250	150	0	350	-250
180	250	0	-300	0	-50	0	-600	0	-300	0	-100	0	-600	350	-250	150	0	350	-250
250	315	0	-350	0	-50	0	-700	0	-350	0	-100	0	-700	350	-250	200	0	350	-250
315	400	0	-400	0	-50	0	-800	0	-400	0	-100	0	-800	400	-400	200	0	400	-400
400	500	0	-450	-	-	0	-800	0	-450	-	-	0	-800	400	-400	-	-	400	-400
500	630	0	-500	-	-	0	-800	0	-500	-	-	0	-800	500	-500	-	-	500	-500
630	800	0	-750	-	-	0	-800	0	-750	-	-	0	-800	600	-600	-	-	600	-600

Tolerância para Rolamentos Cônicos (Série Polegada)

Diâmetro Interno				Tabela para Anel Interno					
d (mm)				(unid: μm)					
Acima de		Inclusive		Classe 4; 2		Classe 3; 0		Classe 00	
(mm)	(pol)	(mm)	(pol)	Sup.	Inf.	Sup.	Inf.	Sup.	Inf.
-	-	76,2	30	13	0	13	0	8	0
76,2	30	266,7	105	25	0	13	0	8	0
266,7	105	304,8	120	25	0	13	0	-	-
304,8	120	609,6	240	51	0	25	0	-	-
609,6	240	914,4	360	76	0	38	0	-	-
914,4	360	1219,2	480	102	0	51	0	-	-
1219,2	480	-	-	127	0	76	0	-	-

CATÁLOGO ROLAMENTOS

Tolerância para Rolamentos Cônicos (Série Polegada)									
Diâmetro Externo				Tabela para Anel Externo (unid: µm)					
D (mm)				µm					
Acima de		Inclusive		Classes 4; 2		Classes 3; 0		Classe 00	
(mm)	(pol)	(mm)	(pol)	Sup.	Inf.	Sup.	Inf.	Sup.	Inf.
-	-	266,7	11	25	0	13	0	8	0
266,7	11	304,8	12	25	0	13	0	-	-
304,8	12	609,9	24	51	0	25	0	-	-
609,6	24	914,4	36	76	0	38	0	-	-
914,4	36	1.219,2	48	102	0	51	0	-	-
1.219,2	48	-	-	127	0	76	0	-	-

Tolerância para Rolamentos Cônicos (Série Polegada)													
Diâmetro Interno				Tabela para Largura (ΔTs) (unid: µm)									
d (mm)				µm									
Acima de		Inclusive		Classes 4		Classes 2		Classe 3				Classes 0; 00	
(mm)	(pol)	(mm)	(pol)	Sup.	Inf.	Sup.	Inf.	D<508 mm		D>508		Sup.	Inf.
		101,6	4	203	0	203	0	203	-203	203	-203	203	-203
101,6	4	304,8	12	356	-254	203	0	203	-203	203	-203	203	-203
304,8	12	609,6	24	381	-381	381	-381	203	-203	381	-381		
609,6	24			381	-381			381	-381	381	-381		

Tolerâncias para Rolamentos Axiais de Esferas (unid: µm)													
Tabela para Anel de Encosto													
Diâmetro Interno		Tolerância do Furo (Δdmp ou Δd2mp)				Diâmetro Externo		Tolerância do Diâm. Ext. assento plano. (ΔDmp)					
d ou d2 (mm)		P0; P6; P5		P4		d ou d2 (mm)		P0; P6; P5		P4			
de	até	de	até	de	até	de	até	de	até	de	até		
	18	0	-8	0	-7	10	18	0	-11	0	-7		
18	30	0	-10	0	-8	18	30	0	-13	0	-8		
30	50	0	-12	0	-10	30	50	0	-16	0	-9		
50	80	0	-15	0	-12	50	80	0	-19	0	-11		
80	120	0	-20	0	-15	80	120	0	-22	0	-13		
120	180	0	-25	0	-18	120	180	0	-25	0	-15		
180	250	0	-30	0	-22	180	250	0	-30	0	-20		
250	315	0	-35	0	-25	250	315	0	-35	0	-25		
315	400	0	-40	0	-30	315	400	0	-40	0	-28		
400	500	0	-45	0	-35	400	500	0	-45	0	-33		
500	630	0	-50	0	-40	500	630	0	-50	0	-38		
630	800	0	-75	0	-50	630	800	0	-75	0	-45		
800	1000	0	-100	0		800	1000	0	-100				
1000	1250	0	-125	0		1000	1250	0	-125				
						1250	1600	0	-160				

CATÁLOGO ROLAMENTOS

Tolerâncias para Rolamentos Axiais de Esferas					
Tabela para Altura com Assento Plano					
		Tolerancia para Altura			
		ΔHs		ΔH2s	
d ou d2 (mm)		P0; P6; P5; P4			
de	até	de	até	de	até
	30	0	-75	50	-150
30	50	0	-100	75	-200
50	80	0	-125	100	-250
80	120	0	-150	125	-300
120	180	0	-175	150	-350
180	250	0	-200	175	-400
250	315	0	-225	200	-450
315	400	0	-300	250	-600

Tolerâncias para Rolamentos Axiais de Rolos Esféricos (Classe Normal)									
Tabela para Anel Interno e Altura.						Tabela para Anel Externo			
Diâm. Interno d (mm)		Tolerância do Furo (Δd_{mp} ou Δd_{2mp}) (unid:				Diâm. Ext. D (mm)		Tolerância do	
		Δd_{mp}		ΔH_s				ΔD_{mp}	
de	até	de	até	de	até	de	até	de	até
50	80	0	-15	150	-150	120	180	0	-25
80	120	0	-20	200	-200	180	250	0	-30
120	180	0	-25	250	-250	250	315	0	-35
180	250	0	-30	300	-300	315	400	0	-40
250	315	0	-35	350	-350	400	500	0	-45
315	400	0	-40	400	-400	500	630	0	-50
400	500	0	-45	450	-450	630	800	0	-75
						800	1000	0	-100

CATÁLOGO ROLAMENTOS

FOLGA INTERNA

Folga Interna Radial para Rolamentos Fixos de Esferas (Furo cilíndrico)											Unid.= µm
Diâmetro do Furo		Folga									
d (mm)		C2		Normal		C3		C4		C5	
de	ate	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2.5	6	0	7	2	13	8	23	-	-	-	-
6	10	0	7	2	13	8	23	14	29	20	37
10	18	0	9	3	18	11	25	18	33	25	45
18	24	0	10	5	20	13	28	20	36	28	48
24	30	1	11	5	20	13	28	23	41	30	53
30	40	1	11	6	20	15	33	28	46	40	64
40	50	1	11	6	23	18	36	30	51	45	73
50	65	1	15	8	28	23	43	38	61	55	90
65	80	1	15	10	30	25	51	46	71	65	105
80	100	1	18	12	36	30	58	53	84	75	120
100	120	2	20	15	41	36	66	61	97	90	140
120	140	2	23	18	48	41	81	71	114	105	160
140	160	2	23	18	53	46	91	81	113	120	180
160	180	2	25	20	61	53	102	91	147	135	200
180	200	2	30	25	71	63	117	107	163	150	230
200	225	2	35	25	85	75	140	125	195	175	265
225	250	2	40	30	95	85	160	145	225	205	300
250	280	2	45	35	105	90	170	155	245	225	340
280	315	2	55	40	115	100	190	175	270	245	370
315	355	3	60	45	125	110	210	195	300	275	410
355	400	3	70	55	145	130	240	225	340	315	460

Folga Interna Radial para Rolamentos Autocompensadores de Esferas (Furo Cilíndrico)											Unid.= µm
Diâmetro do Furo		Folga									
d (mm)		C2		Normal		C3		C4		C5	
de	até	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2.5	6	1	8	5	15	10	20	15	25	21	33
6	10	2	9	6	17	12	25	19	33	27	42
10	14	2	10	6	19	13	26	21	35	30	48
14	18	3	12	8	21	15	28	23	37	32	50
18	24	4	14	10	23	17	30	25	39	34	52
24	30	5	16	11	24	19	35	29	46	40	58
30	40	6	18	13	29	23	40	34	53	46	66
40	50	6	19	14	31	25	44	37	57	50	71
50	65	7	21	16	26	30	50	45	69	62	88
65	80	8	24	18	40	35	60	54	83	76	108
80	100	9	27	22	48	42	70	64	96	89	124
100	120	10	31	25	56	50	83	75	114	105	145
120	140	10	38	30	68	60	100	90	135	125	175
140	160	15	44	35	80	70	120	110	161	150	210

CATÁLOGO ROLAMENTOS

Folga Interna Radial para Rolamentos Oscilantes de Esferas (Furo Cônico)										Unidade = μm	
Diâmetro do Furo		Folga									
d (mm)		C2		Normal		C3		C4		C5	
de	até	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
18	24	7	17	13	26	20	33	28	42	37	55
24	30	9	20	15	28	23	39	33	50	44	62
30	40	12	24	19	35	29	46	40	59	52	72
40	50	14	27	22	39	33	52	45	65	58	79
50	65	18	32	27	47	41	61	56	80	73	99
65	80	23	39	35	57	50	75	69	98	91	123
80	100	29	47	42	68	62	90	84	116	109	144
100	120	35	56	50	81	75	108	100	139	130	170
120	140	40	68	60	98	90	130	120	165	155	205
140	160	45	74	65	110	100	150	140	191	180	240

Folga Interna Radial para Rolamentos de Rolos Cilíndricos (Furo Cilíndrico)											Unid. = µm
Diâmetro do Furo		Folga									
d (mm)		C2		Normal(CN)		C3		C4		C5	
de	até	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
-	10	0	25	20	45	35	60	50	75	-	-
10	24	0	25	20	45	35	60	50	75	65	90
24	30	0	25	20	45	35	60	50	75	70	95
30	40	5	30	25	50	45	70	60	85	80	105
40	50	5	35	30	60	50	80	70	100	95	125
50	65	10	40	40	70	60	90	80	110	110	130
65	80	10	45	40	75	65	100	90	125	130	165
80	100	15	50	50	85	75	110	105	140	155	190
100	120	15	55	50	90	85	125	125	165	180	220
120	140	15	60	60	105	100	145	145	190	200	245
140	160	20	70	70	120	115	165	165	215	225	275
160	180	25	75	75	125	120	170	170	220	250	300
180	200	35	90	90	145	140	195	195	250	275	330
200	225	45	105	105	165	160	220	220	280	305	365
225	250	45	110	110	175	170	235	235	300	300	395
250	280	55	125	125	195	190	260	260	330	375	440
280	315	55	130	130	205	200	275	275	350	410	485
315	355	65	145	145	225	225	305	305	385	455	535
355	400	100	190	190	180	280	370	370	460	510	600
400	450	110	210	210	310	310	410	410	510	565	665
450	500	110	220	220	330	330	440	440	550	625	735

CATÁLOGO ROLAMENTOS

Folga Interna Radial para Rolamentos Oscilantes de Rolos Esféricos (Furo Cilíndrico)											Unid. = µm
Diâmetro do Furo		Folga									
d (mm)		C2		Normal(CN)		C3		C4		C5	
de	até	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
14	18	10	20	20	35	35	45	45	60	60	75
18	24	10	20	20	35	35	45	45	60	60	75
24	30	15	25	25	40	40	55	55	75	75	95
30	40	15	30	30	45	45	60	60	80	80	100
40	50	20	35	35	55	55	75	75	100	100	125
50	65	20	40	40	65	65	90	90	120	120	150
65	80	30	50	50	80	80	110	110	145	145	180
80	100	35	60	60	100	100	135	135	180	180	225
100	120	40	75	75	120	120	160	160	210	210	260
120	140	50	95	95	145	145	190	190	240	240	300
140	160	60	110	110	170	170	220	220	280	280	350
160	180	65	120	120	180	180	240	240	310	310	390
180	200	70	130	130	200	200	260	260	340	340	430
200	225	80	140	140	220	220	290	290	380	380	470
225	250	90	150	150	240	240	320	320	420	420	520
250	280	100	170	170	260	260	350	350	460	460	570
280	315	110	190	190	280	280	370	370	500	500	630
315	355	120	200	200	310	310	410	410	550	550	690
355	400	130	220	220	340	340	450	450	600	600	750
400	450	140	240	240	370	370	500	500	660	660	820
450	500	140	260	260	410	410	550	550	720	720	900
500	560	150	280	280	440	440	600	600	780	780	1000
560	630	170	310	310	480	480	650	650	850	850	1100
630	710	190	350	350	530	530	700	700	920	920	1190
710	800	210	390	390	580	580	770	770	1010	1010	1300
800	900	230	430	430	650	650	860	860	1120	1120	1440
900	1000	260	480	480	710	710	930	930	1220	1220	1570

CATÁLOGO ROLAMENTOS

Folga Interna Radial para Rolamentos Oscilantes de Rolos Esféricos (Furo Cônico)											Unid. = μm
Diâmetro do Furo		Folga									
d (mm)		C2		Normal(CN)		C3		C4		C5	
de	até	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
18	24	15	25	25	35	35	45	45	65	65	75
24	30	20	30	30	40	40	55	55	75	75	95
30	40	25	35	35	50	50	65	65	85	85	105
40	50	30	45	45	60	60	80	80	100	100	130
50	65	40	55	55	75	75	95	95	120	120	160
65	80	50	70	70	95	95	120	120	150	150	200
80	100	55	80	80	110	110	140	140	180	180	230
100	120	65	100	100	135	135	170	170	220	220	280
120	140	80	120	120	160	160	200	200	260	260	330
140	160	90	130	130	180	180	230	230	300	300	380
160	180	100	140	140	200	200	260	260	340	340	430
180	200	110	160	160	220	220	290	290	370	370	470
200	225	120	180	180	250	250	320	320	410	410	520
225	250	140	200	200	270	270	350	350	450	450	570
250	280	150	220	220	300	300	390	390	490	490	620
280	315	170	240	240	330	330	430	430	540	540	680
315	355	190	270	270	360	360	470	470	590	590	740
355	400	210	300	300	400	400	520	520	650	650	820
400	450	230	330	330	440	440	570	570	720	720	910
450	500	260	370	370	490	490	630	630	790	790	1000
500	560	290	410	410	540	540	680	680	870	870	1100
560	630	320	460	460	600	600	760	760	980	980	1230
630	710	350	510	510	670	670	850	850	1090	1090	1360
710	800	390	570	570	750	750	960	960	1220	1220	1500
800	900	440	640	640	840	840	1070	1070	1370	1370	1690
900	1000	490	710	710	930	930	1190	1190	1520	1520	1680

CATÁLOGO ROLAMENTOS

Folga Int. Axial dos Rols de Duas Car. de Esferas com Contato Angular (serie 32, 33)									Unid. = μm
Diâmetro do Furo		Folga Axial							
d (mm)		C2		Normal(CN)		C3		C4	
de	Até	Min	Max	Min	Max	Min	Max	Min	Max
6	10	1	11	5	21	12	28	25	45
10	18	1	12	6	23	13	31	27	47
18	24	2	14	7	25	16	34	28	48
24	30	2	15	8	27	18	37	30	50
30	40	2	16	9	29	21	40	33	54
40	50	2	18	11	33	23	44	36	58
50	65	3	22	13	36	26	48	40	63
65	80	3	24	15	40	30	54	46	71
80	100	3	26	18	46	35	63	55	83
100	120	4	30	22	53	42	73	65	96
120	140	4	34	25	59	48	82	74	108

Folga Interna Radial para Rolamentos de Motores Elétricos					
Rolamentos Radiais de Esferas					(Unid = μm)
Diâmetro Nominal do Furo (d= mm)		Folga		Observação	
		CM		Ajuste Recomendado	
Acima de	Inclusive	Mín	Max	Eixo	Alojamento
10(inclus)	18	4	11	js5(j5)	H6 ~ H7 ou JS6 ~ JS7 (J6 ~ J7)
18	30	5	12	k5	
30	50	9	17		
50	80	12	22		
80	100	18	30		
100	120	18	30	m5	
120	160	24	38		

Folga Interna Radial para Rolamentos de Motores Elétricos							
Rolamentos de Rolos Cilindricos						(Unid = μm)	
Diâmetro Nominal do Furo (d= mm)		Folga				Observação	
		CT (*)		CM (*)		Ajuste Recomendado	
Acima de	Inclusive	Mín	Máx	Mín	Máx	Eixo	Alojamento
24	40	15	35	15	30	k5	JS6 ~JS7 (J6 ~J7) ou k6 ~ K7
40	50	20	40	20	35	m5	
50	65	25	45	25	40		
65	80	30	50	30	45		
80	100	35	60	35	55		
100	120	35	65	35	60		
120	140	40	70	40	65		
140	160	50	85	50	80		
160	180	60	95	60	90	n6	
180	200	65	105	65	100		
(*) Rolamentos com folga CT tem os anéis intercambiáveis, e os com folga CM não são intercambiáveis.							

NÍVEL DE RUÍDO

Tabela de ruído e vibração para rolamentos

Tabela 1

O ruído da vibração em aceleração (dB), são classificados em quatro grupos: Z, Z1, Z2, Z3 e Z4 (Condição Normal = Z1)

	Diametro serie (0)													
	Diametro serie (0)				Diametro serie (2)				Diametro serie (3)					
(mm)	Z	Z1	Z2		Z	Z1	Z2		Z4	Z	Z1	Z2		Z4
3		34	32				32		-	37			31	-
4		34	32				32		-	37			31	-
5	37		34			37	34	32	-		37			-
	37		34			37	34	32	-		37			-
7				31				34	-	-	-	-	-	-
				31				34	-	-	-	-	-	-
	41			32	42		37		-	-	-	-	-	-
		42			44	42					44		37	32
12	44			34						47			37	32
		44				44	41		31			42		
17		44			47		41		31		47	42		
	47		41				42							34
22	47		41				42							34
			42			47				51		44	41	37
		47					44	41	37	52			42	
		47					44	41	37	52			42	
32			44		51						51			
	51			41	52			42		54	52	47	44	
		51		42	54	52	47				54			41
						54		44				51	47	44
	57	54		47			51				57			
			52			57			47	62		54	51	
	61		54	51	62		54	51		64	61			

Table 2											
Diâmetro											
do furo	Diametro série (0)			Diametro serie (2)				Diametro serie (3)			
(mm)	Z	Z1	Z2	Z	Z1	Z2		Z	Z1	Z2	
						47	42	51			
			47	51				52	51		44
	51			52	51		44		52		
	52	51			52			54		51	
		52		54		51				52	47
	54		52						57	54	
			54		57						51
		57				57	52	62	61		
				62	61		54	64			
	62	61		64		61				62	57
	64		62						67	64	

CATÁLOGO ROLAMENTOS

Tabela 3

A velocidade da vibração ($\mu\text{m} / \text{s}$), são classificados em:- V1, V2, V3 e V4 (Condição Normal = V1)

Diâmetro do furo (mm)	Velocidade da vibração ($\mu\text{m} / \text{s}$), para rolamentos radiais fixos de esferas														
	V			V1			V2			V3			V4		
	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H
3	80	44	44	60	35	32	48	26	31	31	16	15	28	10	10
4	80	44	44	60	35	32	48	26	31	31	16	15	28	10	10
5	110	72	60	74	48	40	58	36	35	35	21	18	32	11	11
6	110	72	60	74	48	40	58	36	35	35	21	18	32	11	11
7	130	96	80	92	66	54	72	48	44	44	28	24	38	12	12
8	130	96	80	92	66	54	72	48	44	44	28	24	38	12	12
9	130	96	80	92	66	54	72	48	44	44	28	24	38	12	12
10	160	120	100	120	80	70	90	60	55	55	35	30	45	14	15
12	160	120	100	120	80	70	90	60	55	55	35	30	45	14	15
15	210	150	120	150	100	85	110	78	65	65	46	35	52	18	18
17	210	150	120	150	100	85	110	78	65	65	46	35	52	25	25
20	260	190	150	180	125	100	130	100	80	80	60	45	60	25	25
22	260	190	150	180	125	100	130	100	80	80	60	45	60	30	32
25	260	190	150	180	125	100	130	100	80	80	60	45	60	30	32
28	260	190	150	180	125	100	130	100	80	80	60	45	60	35	40
30	300	240	190	200	150	130	150	120	90	90	75	60	70	35	40
32	300	240	190	200	150	130	150	120	90	90	75	60	70	35	40
35	300	240	190	200	150	130	150	120	90	90	75	60	70	42	45
40	360	300	260	240	180	160	180	150	110	110	90	80	82	50	50
45	360	300	260	240	180	160	180	150	110	110	90	80	82	60	60
50	420	320	320	280	200	200	210	160	125	125	100	100	95	70	70
55				280	220	200	210	180	125	125	110	110	95	70	70
60				320	220	240	240	180	145	145	110	130	100	80	80
65				180	160	240	130	100	105	105	80	105	50	50	75
70				200	180	280	150	120	110	110	90	135	58	58	88
75				200	180	280	150	120	110	110	90	135	58	58	88
80				240	210	320	180	120	130	130	110	160	65	65	100
85				240	210	320	180	150	130	130	110	160	65	65	100
90				290	250	370	210	180	145	145	125	180	75	75	115
95				290	250	370	210	180	145	145	125	180	75	75	115
100				340	300	420	250	215	170	170	145	200	88	88	135
105				340	300	420	250	215	170	170	145	200	88	88	135
110				400	350	480	290	260	190	190	175	225	100	100	160
120				400	350	480	290	260	190	190	175	225	100	100	160

CATÁLOGO ROLAMENTOS

PREFIXOS E SUFIXOS

Pref.	Suf.	Significado	Exemplos
AH		Bucha de desmontagem	AH3036
B		Rolamentos de esferas de contato angular, com duas bordas no anel interno	B7004CP4
BL		Rolamentos radial de esferas para maior capacidade de carga	BL208
EW		Rolamentos abaulados, com fixação por colar	EW208
F		Mancal tipo flange quadrada de ferro fundido	F210
FC		Mancal tipo flange redonda de ferro fundido	FC209
FL		Mancal tipo flange oval de ferro fundido	FL208
G		Rolamentos abaulados, série polegada, fixação por colar	G1012KRRB
GE		Rolamentos abaulados, série métrica, fixação por colar	GE35KRRB
GY		Rolamentos abaulados, série polegada, fixação por parafuso	GY1104KRRB
GYE		Rolamentos abaulados, série métrica, fixação por parafuso	GYE30KRRB
GRA		Rolamentos abaulados, série polegada, fixação por parafuso	GRA1108KRRB
GRAE		Rolamentos abaulados, série métrica, fixação por parafuso	GRAE25NPPB
NE		Rolamentos abaulados, série métrica, reforçado	NE50KRRB
GNE		Rolamentos abaulados, série métrica, reforçado	GNE45KRRB
H		Bucha de fixação, medidas em milímetros	H312
H		Rolamentos de rolos cônicos série pesada	H936340/310
HA		Bucha de fixação, medidas em polegadas, múltiplo de 1/16"	HA2310
HE		Bucha de fixação, medidas em polegadas, múltiplo de 1/4"	HE210
HH		Rolamentos de rolos cônicos série superpesada	HH437549/510
HJ		Anel de bloqueio para rolamentos de rolos cilíndricos	HJ205
HM		Porca de desmontagem	HM74
HM		Rolamentos de rolos cônicos série mais pesada que a média	HM903249/210
J		Rolamentos de rolos cônicos série métrica	JLM109048/910
K		Gaiola com elementos rolantes	K20x26x17
K		Rolamentos de rolos cônicos com tratamento temperado	KLM88548/510
KM		Porca de fixação	KM24
L		Anel removível dos rolamentos	L30210
L		Rolamentos de rolos cônicos série leve	L44643/610
LL		Rolamentos de rolos cônicos série super leve	LL103049/010
LM		Rolamentos de rolos cônicos série média leve	LM12749/710
M		Rolamentos de rolos cônicos série média	M86649/610
MB		Arruela de fixação	MB10
N		Rolamentos de uma carreira de rolos cilíndricos com anel externo livre	N308
NA		Rolamentos de uma carreira de agulha	NA4910
NF		Rolamentos de rolos cilíndricos com duas bordas no anel interno e uma borda no anel externo	NF208
NH		Rolamentos de uma carreira de rolos cilíndricos fixo ambos os lados, com anel HJ	NH308
NJ		Rolamentos de uma carreira de rolos cilíndricos com duas bordas no anel externo e uma borda no anel interno	NJ210
NN		Rolamentos de duas carreiras de rolos cilíndricos sem bordas no anel externo	NN3012KP51
NNU		Rolamentos de duas carreiras de rolos cilíndricos sem bordas no anel interno	NNU4921K
NU		Rolamentos de uma carreira de rolos cilíndricos sem bordas no anel interno	NU409
NUJ		Rolamentos de rolos cilíndricos tipo NU com anel de bloqueio tipo HJ	NUJ409
NUP		Rolamentos de uma carreira de rolos cilíndricos com uma borda no anel interno e um anel tipo P fixando axialmente	NUP208B
P		Anel de bloqueio para rolamentos de rolos cilíndricos com alteração no anel interno	P208
P		Mancal tipo pedestal de ferro fundido	P210
QJ		Rolamentos de esferas com 4 pistas	QJ309
R		Rolamentos sem o anel removível	RNU206
S		Rolamentos de aço inoxidável	S6205
SN		Mancal tipo bipartido, de ferro fundido	SN510
T		Rolamentos axiais de rolos cônicos	T177
U		Contra placa oscilante para rolamentos axiais de esferas	U212
UC		Rolamentos abaulados, série métrica	UC207
X		Rolamentos de rolos cônicos indica que é um cone	X32311/Y32311
Y		Rolamentos de rolos cônicos indica que é uma capa	X32311/Y32311
	2RS	Duas vedações de borracha sintética	6212-2RS
	2RS1	Duas vedações de borracha sintética	6210-2RS1
	A	Alteração na construção interna que melhora a condição funcional	51211A
	A	Gaiola guiada no anel externo	22312MA
	A	Rolamentos de esferas de contato angular com ângulo de 25°	7208A
		Precisão conforme norma americana. Aprox precisão Normal > Norma ISO	
		Precisão conforme norma americana. Aprox precisão P6 > Norma ISO	

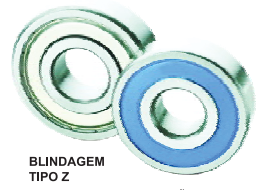
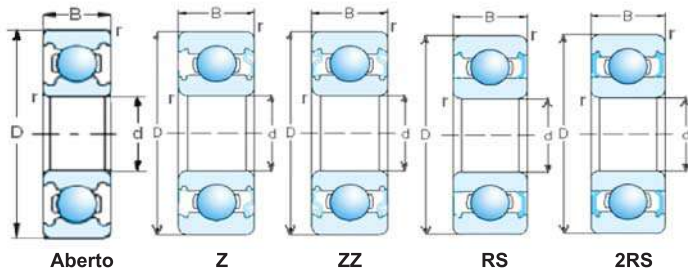
CATÁLOGO ROLAMENTOS

Pref.	Suf.	Significado	Exemplos
	Abec 5	Precisão conforme norma americana. Aprox precisão P5 > Norma ISO	
	Abec 7	Precisão conforme norma americana. Aprox precisão p4 > Norma ISO	
	B	Gaiola guiada no anel interno	22315MB
	B	Alteração na construção interna que melhora a condição funcional	NU308B
	B	Rolamentos de esferas de contato angular com ângulo de 40°	7310B
	BG	Rolamentos de esferas com contato angular para montagem em par universal e ângulo de contato 40°	7310BG
	C	Alteração na construção interna que melhora a condição funcional	22224C
	C	Rolamentos de esferas de contato angular com ângulo de 15°	7010C
	C1	Folga radial menor que C2	3202C1
	C2	Folga radial menor que o Normal	6212C2
	C3	Folga radial maior que o Normal	22315KC3
	C4	Folga radial maior que C3	1215KC4
	C5	Folga radial maior que C4	6310C5
	C6	Vibração e ruído reduzido	32005C6
	CA	Rolamentos de esferas de contato angular com ângulo de 12°	7003CATBP4
	CB	Rolamentos de esferas de contato angular com ângulo de 10°	B7005CBTBP4
	CN	Folga normal, não indicado na numeração	6205
	D	Alteração na construção interna que melhora a condição funcional	16004D
	DA	Anel interno bipartido	3309DA
	E	Alteração na construção interna que aumenta a capacidade de carga	32210E
	EMQ	Controle de ruído e lubrificante especial para motores elétricos	6204ZZEMQ
	G	Rolamentos de esferas com contato angular, com faces laterais retificadas para montagem em par universal (O, X, T)	7308BG
	J	Gaiola de chapa de aço estampado guiada nos elementos rolantes	22312W33J
	K	Furo cônico, conicidade 1:12	1211KC3
	K30	Furo cônico, conicidade 1:30	24120K30
	KRR	Dupla vedação tipo R	205KRR
	KRRB	Dupla vedação tipo R, e anel externo abaulado	G320KRRB
	KPPB3	Dupla vedação tipo P com três lábios, anel externo abaulado.	GE30KPPB3
	L	Pré-carga leve	7003P5OL
	M	Gaiola maciça de latão guiada nas esferas	22315MC3
	M	Pré-carga média	7204CAP5OM
	M	Rolamentos de rolos cônicos com tratamento temperado	32214M
	MA	Gaiola maciça de latão guiada no anel externo	22318MAC3
	MB	Gaiola maciça de latão guiada no anel interno	23128MB
	N	Ranhura no anel externo	6206ZN
	NPPB	Dupla vedação tipo P, anel externo abaulado.	GRAE25NPPB
	NR	Ranhura e anel de trava no anel externo	6206ZNR
	NS	Ranhura centrada no anel externo	NN3010KNS
	O	Rolamentos de esferas de contato angular com montagem em pares na disposição costa com costa	7204CAP5OL
	P0	Precisão Normal - não indicado na numeração	3208
	P4	Precisão maior que o P5	7008CBP4
	P4S	Precisão maior que P4 - super precisão	B7002CBP4S
	P5	Precisão maior que o P6	6206AP5
	P6	Precisão maior que o Normal	6208AP6
	R	Anel de trava	6208ZZNR
	RS	Uma vedação de borracha sintética	6205RS
	RS1	Uma vedação de borracha sintética	6306RS1
	RZ	Uma vedação de borracha sintética de baixa pressão	6205RZ
	S0	Estabilização dimensional para temperatura até 150 °C	6204S0
	S1	Estabilização dimensional para temperatura até 200 °C	6205ZC3S1
	S2	Estabilização dimensional para temperatura até 250 °C	6208S2
	S3	Estabilização dimensional para temperatura até 300 °C	23130JC3S3
	S4	Estabilização dimensional para temperatura até 350 °C	
	T	Gaiola de celeron	7205TB
	T	Rolamentos de esferas de contato angular com montagem em pares na disposição em série	7006CATBT
	TV, TN	Gaiola de poliamida com fibra de vidro	1205TV
	U	Rolamentos de esferas de contato angular para montagem nas disposições O, X ou T	7209BMU
	U	Rolamentos axiais de esferas com placa autocompensadora.	53212U
	W20	Anel externo com furos para lubrificação	22210JW20
	W33	Anel externo com ranhura e furos para lubrificação	22318MW33
	X	Rolamentos de esferas de contato angular com montagem em pares na disposição face com face	B7006CATBX
	X	Alteração nas principais dimensões conforme normas ISO	32005X
	Y	Gaiola de latão estampada, guiada nos elementos rolantes	627Y
	Z	Uma blindagem de chapa de aço	6202Z
	ZZ	Duas blindagens de chapa de aço	6204ZZ

ROLAMENTO RADIAL FIXO DE ESFERAS



CATÁLOGO ROLAMENTOS



TIPO ABERTO

BLINDAGEM
TIPO Z

VEDAÇÃO TIPO RS

Dimensões Básicas				Capacidade de Carga Básica		Limite de Rotação			Massa	Rolamentos				
d	D	B	r	Dínam C	Estát Co	a graxa Aber; Z; ZZ	a graxa RS; 2RS	a óleo Aber; Z	Peso	Tipo Aberto	Tipo Z	Tipo ZZ	Tipo RS	Tipo 2RS
mm				KN		RPM			Kg	Números				
1	3	1,5	0,05	0,08	0,03	120,000		140,000	0,05	681		681-ZZ		
1	4	2,3	0,1	0,16	0,05	96,000		110,000	0,11	691		691-ZZ		
1,5	4	2	0,15	0,10	0,04	88,000		100,000	0,07	68/1,5		68/1,5-ZZ		
1,5	5	2,6	0,15	0,17	0,06	79,000			0,18			69/1,5-ZZ		
2	5	2,3	0,08	0,17	0,06	74,000		87,000	0,13	682		682-ZZ		
2	6	3	0,15	0,28	0,09	67,000		79,000	0,31	692		692-ZZ		
2,5	6	2,6	0,08	0,30	0,08	65,000		76,000	0,22	68/2,5		68/2,5-ZZ		
2,5	7	3,5	0,15	0,29	0,09	59,000		70,000	0,43	69/2,5		69/2,5-ZZ		
3	10	4	0,15	0,50	0,22	40,000		50,000	0,002	623	623Z	623ZZ		
3	7	3	0,1	0,40	0,20	58,000		68,000	0,33	683		683-ZZ		
3	8	3	0,15	0,60	0,24	54,000		63,000	0,61	693				
4	13	5	0,20	0,90	0,45	38,000		45,000	0,004	624	624Z	624ZZ		
4	16	5	0,30	1,43	0,74	35,000		42,000	0,005	634	634Z	634ZZ		
4	9	4	0,15	0,70	0,25	49,000		57,000	0,67	684		684-ZZ		
4	11	4	0,15	0,75	0,30	45,000		52,000	1,8	694				
5	16	5	0,30	1,43	0,74	35,000		42,000	0,006	625	625Z	625ZZ		
5	19	6	0,30	2,21	1,16	35,000		42,000	0,009	635	635Z	635ZZ		
5	11	5	0,15	0,75	0,30	43,000		51,000	1,1	685		685-ZZ		
5	13	4	0,2	1,08	0,45	40,000		47,000	2,4	695				
6	19	6	0,30	2,12	1,16	35,000		42,000	0,010	626	626Z	626ZZ		
6	13	5	0,15	1,08	0,45	39,000		46,000	1,9	686		686-ZZ		
6	15	5	0,2	1,35	0,55	37,000		44,000	3,8	696				
7	19	6	0,30	2,20	1,16	35,000		42,000	0,010	607	607Z	607ZZ		
7	22	7	0,30	2,50	1,34	35,000		42,000	0,012	627	627Z	627ZZ		
7	14	5	0,15	1,17	0,50	37,000		44,000	2,1	687		687-ZZ		
7	17	5	0,3	1,61	0,70	35,000		41,000	5,2	697				
8	22	7	0,30	2,50	1,34	35,000	24,000	42,000	0,015	608	608Z	608ZZ	608RS	608-2RS
8	16	5	0,2	1,61	0,70	35,000		41,000	3,1	688		688-ZZ		
8	19	6	0,3	1,99	0,88	33,000		39,000	7,3	698				
9	24	7	0,30	2,80	1,53	35,000	24,000	42,000	0,018	609	609Z	609ZZ	609RS	609-2RS
9	26	8	0,30	3,55	1,93	35,000	24,000	42,000	0,020	629	629Z	629ZZ	629RS	629-2RS
9	17	5	0,2	1,72	0,85	33,000		39,000	3,2	689		689-ZZ		
9	20	6	0,3	2,48	1,09	32,000		38,000	8,2	699				
10	26	8	0,30	3,91	1,96	28,000	19,000	33,000	0,020	6000	6000Z	6000ZZ	6000RS	6000-2RS
10	30	9	0,60	5,11	2,66	25,000	17,000	30,000	0,032	6200	6200Z	6200ZZ	6200RS	6200-2RS
10	35	11	0,60	6,81	3,41	22,000	15,000	27,000	0,053	6300	6300Z	6300ZZ	6300RS	6300-2RS
10	15	3	0,1	0,86	0,44	36,000		42,000	0,0015	6700				
10	19	5	0,3	1,83	0,93	32,000	32,000	38,000	0,005	6800		6800-ZZ		6800-2RS
10	22	6	0,3	2,70	1,27	30,000	30,000	36,000	0,009	6900		6900-ZZ		6900-2RS
12	28	8	0,30	4,50	2,24	25,000	17,000	30,000	0,022	6001	6001Z	6001ZZ	6001RS	6001-2RS
12	32	10	0,60	6,10	3,10	22,000	15,000	27,000	0,037	6201	6201Z	6201ZZ	6201RS	6201-2RS
12	37	12	1,00	8,58	4,22	20,000	13,000	24,000	0,060	6301	6301Z	6301ZZ	6301RS	6301-2RS
12	18	4	0,2	0,93	0,53	8,300		9,500	0,002	6701				
12	21	5	0,3	1,92	1,04	29,000	29,000	35,000	0,006	6801		6801-ZZ		6801-2RS
12	24	6	0,3	2,89	1,46	27,000	27,000	32,000	0,011	6901		6901-ZZ		6901-2RS
12	28	7	0,3	5,10	2,39	26,000		30,000	0,019	16001				
15	32	9	0,30	5,21	2,82	21,000	14,000	25,000	0,031	6002	6002Z	6002ZZ	6002RS	6002-2RS
15	35	11	0,60	7,10	3,76	20,000	13,000	24,000	0,045	6202	6202Z	6202ZZ	6202RS	6202-2RS
15	42	13	1,00	10,40	5,41	18,000	12,000	21,000	0,082	6302	6302Z	6302ZZ	6302RS	6302-2RS
15	21	4	0,2	0,94	0,58	6,600		7,600	0,0025	6702				
15	24	5	0,3	2,08	1,26	26,000	26,000	31,000	0,007	6802		6802-ZZ		6802-2RS
15	28	7	0,3	3,65	2,00	24,000	24,000	28,000	0,016	6902		6902-ZZ		6902-2RS
15	32	8	0,3	5,60	2,83	22,000		26,000	0,025	16002				
17	35	10	0,30	5,73	3,22	20,000	13,000	24,000	0,040	6003	6003Z	6003ZZ	6003RS	9003-2RS
17	40	12	0,60	9,26	4,82	18,000	12,000	21,000	0,065	6203	6203Z	6203ZZ	6203RS	6203-2RS
17	47	14	1,00	13,10	6,56	16,000	10,600	19,000	0,116	6303	6303Z	6303ZZ	6303RS	6303-2RS
17	62	17	1,1	22,70	10,80	14,000		16,000	0,27	6403				
17	23	4	0,2	1,00	0,66	5,000		6,700	0,0025	6703				
17	26	5	0,3	2,23	1,46	24,000	24,000	28,000	0,008	6803		6803-ZZ		6803-2RS
17	30	7	0,3	4,65	2,58	22,000	22,000	26,000	0,018	6903		6903-ZZ		6903-2RS
17	35	8	0,3	6,80	3,35	20,000		24,000	0,032	16003				
20	42	12	0,60	9,44	5,01	17,000	11,000	20,000	0,070	6004	6004Z	6004ZZ	6004RS	6004-2RS
20	47	14	1,00	12,80	6,56	15,000	10,000	18,000	0,108	6204	6204Z	6204ZZ	6204RS	6204-2RS
20	52	15	1,10	16,00	7,94	14,000	9,400	17,000	0,145	6304	6304Z	6304ZZ	6304RS	6304-2RS
20	72	19	1,1	28,50	13,90	12,000		14,000	0,4	6404				
20	27	4	0,2	1,04	0,73	5,000		5,700	0,0045	6704				
20	32	7	0,3	4,00	2,47	21,000	21,000	25,000	0,019	6804		6804-ZZ		6804-2RS
20	37	9	0,3	6,40	3,70	19,000	19,000	23,000	0,036	6904		6904-ZZ		6904-2RS
20	42	8	0,3	7,90	4,50	18,000		21,000	0,051	16004				
25	47	12	0,60	10,00	5,84	14,000	9,000	17,000	0,081	6005	6005Z	6005ZZ	6005RS	6005-2RS
25	52	15	1,00	14,10	7,94	12,500	8,500	15,000	0,128	6205	6205Z	6205ZZ	6205RS	6205-2RS
25	62	17	1,10	20,70	11,10	11,000	7,500	13,000	0,232	6305	6305Z	6305ZZ	6305RS	6305-2RS
25	80	21	1,5	34,50	17,50	10,000		12,000	0,53	6405				

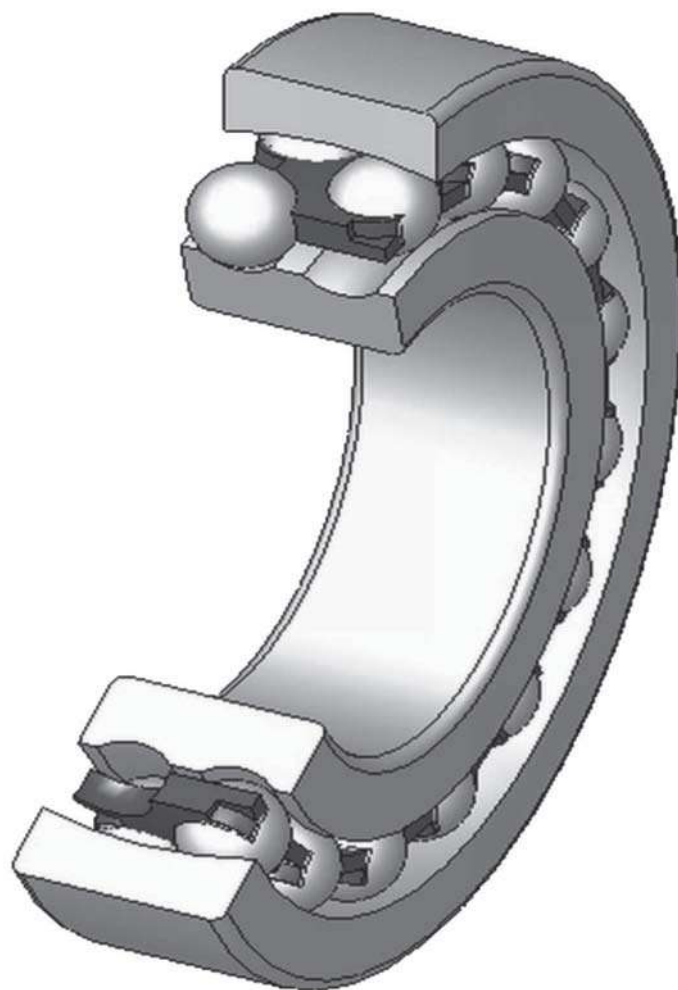
CATÁLOGO ROLAMENTOS

Dimensões Básicas				Capacidade de Carga Básica		Limite de Rotação			Massa	Rolamentos				
d	D	B	r	Dinam C	Estat Co	a graxa Aber; Z; ZZ	a graxa RS; 2RS	a óleo Aber; Z	Peso	Tipo Aberto	Tipo Z	Tipo ZZ	Tipo RS	Tipo 2RS
mm				KN		RPM			Kg			Números		
25	32	4	0,2	1,10	0,84	4,000		4,600	0,005	6705				
25	37	7	0,3	4,30	2,95	18,000	18,000	21,000	0,022	6805		6805-ZZ		6805-2RS
25	42	9	0,3	7,05	4,55	16,000	16,000	19,000	0,042	6905		6905-ZZ		6905-2RS
25	47	8	0,3	8,35	5,10	15,000		18,000	0,06	16005				
28	52	12	0,60	10,70	6,63	14,000	9,000	16,000	0,100	60/28	60/28Z	60/28ZZ	60/28RS	60/28-2RS
28	58	16	1,00	16,60	9,54	12,000	8,000	14,000	0,170	62/28	62/28Z	62/28ZZ	62/28RS	62/28-2RS
28	68	18	1,10	25,00	12,10	10,000	7,000	13,000	0,280	63/28	63/28Z	63/28ZZ	63/28RS	63/28-2RS
30	55	13	1,00	13,25	8,25	12,000	7,900	14,000	0,119	6006	6006Z	6006ZZ	6006RS	6006-2RS
30	62	16	1,00	19,44	11,20	11,000	7,500	13,000	0,201	6206	6206Z	6206ZZ	6206RS	6206-2RS
30	72	19	1,10	20,70	15,70	10,000	6,700	12,000	0,331	6306	6306Z	6306ZZ	6306RS	6306-2RS
30	90	23	1,5	43,50	23,90	8,800		10,000	0,735	6406				
30	37	4	0,2	1,14	0,95	3,300		3,800	0,006	6706				
30	42	7	0,3	4,70	3,65	15,000	15,000	18,000	0,026	6806		6806-ZZ		6806-2RS
30	47	9	0,3	7,25	5,00	14,000	14,000	17,000	0,048	6906		6906-ZZ		6906-2RS
30	55	9	0,3	11,20	7,35	13,000		15,000	0,091	16006				
35	62	14	1,00	15,96	10,30	10,500	7,100	12,600	0,154	6007	6007Z	6007ZZ	6007RS	6007-2RS
35	72	17	1,10	25,66	15,30	9,500	6,300	11,000	0,284	6207	6207Z	6207ZZ	6207RS	6207-2RS
35	80	21	1,50	33,37	19,30	8,500	5,600	10,000	0,447	6307	6307Z	6307ZZ	6307RS	6307-2RS
35	100	25	1,5	55,00	31,00	7,800		9,100	0,952	6407				
35	47	7	0,3	4,90	4,05	13,000	13,000	16,000	0,029	6807		6807-ZZ		6807-2RS
35	55	10	0,6	9,55	6,85	12,000	12,000	15,000	0,074	6907		6907-ZZ		6907-2RS
35	62	9	0,3	11,70	8,20	12,000		14,000	0,11	16007				
40	68	15	1,00	16,83	11,50	9,500	6,300	11,000	0,191	6008	6008Z	6008ZZ	6008RS	6008-2RS
40	80	18	1,10	32,64	19,90	8,500	5,600	10,000	0,349	6208	6208Z	6208ZZ	6208RS	6208-2RS
40	90	23	1,50	40,76	24,10	8,000	4,700	9,400	0,625	6308	6308Z	6308ZZ	6308RS	6308-2RS
40	110	27	2	63,50	36,50	7,000		8,200	1,23	6408				
40	52	7	0,3	5,10	4,40	12,000	12,000	14,000	0,033	6808		6808-ZZ		6808-2RS
40	62	12	0,6	12,20	8,90	11,000	11,000	13,000	0,11	6908		6908-ZZ		6908-2RS
40	68	9	0,3	12,60	9,65	10,000		12,000	0,125	16008				
45	75	16	1,00	21,10	15,30	8,500	5,600	10,000	0,241	6009	6009Z	6009ZZ	6009RS	6009-2RS
45	85	19	1,10	32,69	20,40	8,000	5,300	9,400	0,414	6209	6209Z	6209ZZ	6209RS	6209-2RS
45	100	25	1,50	52,81	31,70	7,100	4,700	8,400	0,828	6309	6309Z	6309ZZ	6309RS	6309-2RS
45	120	29	2	77,00	45,00	6,300		7,400	1,53	6409				
45	58	7	0,3	5,35	4,95	11,000	11,000	12,000	0,04	6809		6809-ZZ		6809-2RS
45	68	12	0,6	13,10	10,40	9,800	9,800	12,000	0,128	6909		6909-ZZ		6909-2RS
45	75	10	0,6	12,90	10,50	9,200		11,000	0,171	16009				
50	80	16	1,00	21,72	16,70	8,000	4,300	9,400	0,260	6010	6010Z	6010ZZ	6010RS	6010-2RS
50	90	20	1,10	35,00	23,30	7,100	4,700	8,400	0,464	6210	6210Z	6210ZZ	6210RS	6210-2RS
50	110	27	2,00	62,00	37,80	6,300	4,200	7,500	1,060	6310	6310Z	6310ZZ	6310RS	6310-2RS
50	130	31	2,1	83,00	49,50	5,700		6,700	1,88	6410				
50	65	7	0,3	6,60	6,10	9,600	9,600	11,000	0,052	6810		6810-ZZ		6810-2RS
50	72	12	0,6	13,40	11,20	8,900	8,900	11,000	0,132	6910		6910-ZZ		6910-2RS
50	80	10	0,6	13,20	11,30	8,400		9,800	0,18	16010				
55	90	18	1,10	28,30	21,40	7,100	4,700	8,400	0,383	6011	6011Z	6011ZZ	6011RS	6011-2RS
55	100	21	1,50	4,40	29,40	6,700	4,500	8,400	0,597	6211	6211Z	6211ZZ	6211RS	6211-2RS
55	120	29	2,00	71,00	44,70	5,600	3,800	6,700	1,380	6311	6311Z	6311ZZ	6311RS	6311-2RS
55	140	33	2,1	89,00	54,00	5,200		6,100	2,29	6411				
55	72	9	0,3	8,80	8,10	8,700	8,700	10,000	0,083	6811		6811-ZZ		6811-2RS
55	80	13	1	16,00	13,20	3,000	8,200	9,600	0,18	6911		6911-ZZ		6911-2RS
55	90	11	0,6	18,60	15,30	7,700		9,000	0,258	16011				
60	95	18	1,10	29,40	23,30	6,700	4,500	7,900	0,411	6012	6012Z	6012ZZ	6012RS	6012-2RS
60	110	22	1,50	52,50	35,80	6,000	4,000	7,100	0,771	6212	6212Z	6212ZZ	6212RS	6212-2RS
60	130	31	2,10	81,20	52,10	5,300	3,500	6,300	1,720	6312	6312Z	6312ZZ	6312RS	6312-2RS
60	150	35	2,1	102,00	64,50	4,800		5,700	2,77	6412				
60	78	10	0,3	11,50	10,60	8,000	8,000	9,400	0,106	6812		6812-ZZ		6812-2RS
60	85	13	1	16,40	14,30	7,600	7,600	8,900	0,193	6912		6912-ZZ		6912-2RS
60	95	11	0,6	20,00	17,50	7,000		8,300	0,283	16012				
65	100	18	1,10	30,50	25,40	6,300	4,200	7,500	0,437	6013	6013Z	6013ZZ	6013RS	6013-2RS
65	120	23	1,50	57,20	40,00	5,300	3,500	7,100	0,997	6213	6213Z	6213ZZ	6213RS	6213-2RS
65	140	33	2,10	92,60	59,60	5,000	3,300	6,600	2,100	6313	6313Z	6313ZZ	6313RS	6313-2RS
65	160	37	2,1	111,00	72,00	4,400		5,200	3,3	6413				
65	85	10	0,6	11,60	11,00	7,400	7,400	8,700	0,128	6813		6813-ZZ		6813-2RS
65	90	13	1	17,40	16,10	7,000	7,000	8,200	0,206	6913		6913-ZZ		6913-2RS
65	100	11	0,6	20,50	18,70	6,500		7,700	0,307	16013				
70	110	20	1,10	37,97	30,20	5,600	3,800	7,600	0,604	6014	6014Z	6014ZZ	6014RS	6014-2RS
70	125	24	1,50	62,00	43,80	5,300	3,500	6,300	1,070	6214	6214Z	6214ZZ	6214RS	6214-2RS
70	150	35	2,10	104,00	68,10	4,700	3,200	5,600	2,540	6314	6314Z	6314ZZ	6314RS	6314-2RS
70	180	42	3	128,00	89,00	4,100		4,800	4,83	6414				
70	90	10	0,6	12,10	11,90	6,900	6,900	8,100	0,137	6814		6814-ZZ		6814-2RS
70	100	16	1	23,70	21,20	6,500	6,500	7,700	0,334	6914		6914-ZZ		6914-2RS
70	110	13	0,6	24,40	22,60	6,100		7,100	0,441	16014				
75	115	20	1,10	39,78	33,20	5,300	3,500	6,300	0,640	6015	6015Z	6015ZZ	6015RS	6015-2RS
75	130	25	1,50	66,18	49,30	5,000	3,300	6,000	1,180	6215	6215Z	6215ZZ	6215RS	6215-2RS
75	160	37	2,10	104,00	76,40	4,200	2,800	5,000	3,620	6315	6315Z	6315ZZ	6315RS	6315-2RS
75	190	45	3	138,00	99,00	3,800		4,500	5,72	6415				
75	95	10	0,6	12,50	12,90	6,400	6,400	7,600	0,145	6815		6815-ZZ		6815-2RS
75	105	16	1	24,40	22,60	6,100	6,100	7,200	0,353	6915		6915-ZZ		6915-2RS
75	115	13	0,6	25,00	24,00	5,700		6,700	0,464	16015				
80	125	22	1,10	47,50	39,80	5,000	3,300	6,000	3,060	6016	6016Z	6016ZZ	6016RS	6016-2RS
80	140	26	2,00	72,20	53,10	4,700	3,200	4,700	1,400	6216	6216Z	6216ZZ	6216RS	6216-2RS
80	170	39	2,10	122,85	86,30	4,000	4,500	4,700	3,620	6316	6316Z	6316ZZ	6316RS	6316-2RS
80	200	48	3	164,00	125,00	3,600		4,200	6,76	6416				
80	100	10	0,6	12,70	13,30	6,000	6,000	7,100	0,154	6816		6816-ZZ		6816-2RS
80	110	16	1	24,90	24,00	5,700	5,700	6,700	0,373	6916		6916-ZZ		6916-2RS
80	125	14	0,6	25,40	25,10	5,300		6,200	0,597	16016				
85	130	22	1,10	49,80	42,60	4,700	6,000	5,600	0,892	6017	6017Z	6017ZZ	6017RS	6017-2RS
85	150	28	2,00	83,30	63,70	4,200	2,800	5,000	1,800	6217	6217Z	6217ZZ	6217RS	6217-2RS
85	180	41	3,00	132,60	96,00	3,800	4,300	4,500	4,260	6317	6317Z	6317ZZ	6317RS	6317-2RS

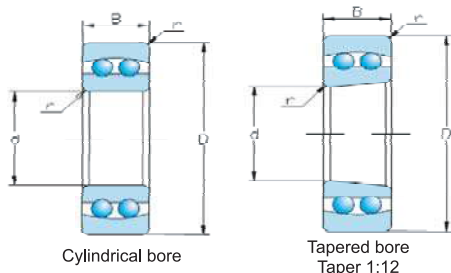
CATÁLOGO ROLAMENTOS

Dimensões Básicas				Capacidade de Carga Básica		Limite de Rotação			Massa					
d	D	B	r	Dinam C	Estat Co	a graxa Aber; Z; ZZ	a graxa RS; 2RS	a óleo Aber; Z	Peso	Tipo Aberto	Tipo Z	Tipo ZZ	Tipo RS	Tipo 2RS
mm				KN		RPM			Kg	Números				
85	110	13	1	18,70	19,00	5,700	5,700	6,700	0.27	6817		6817-ZZ		6817-2RS
85	120	18	1.1	32,00	29,60	5,400	5,400	6,300	0.536	6917		6917-ZZ		6917-2RS
85	130	14	0.6	25,90	26,20	5,000		5,900	0.626	16017				
90	140	24	1.50	58,40	49,00	4,500	3,000	5,300	1,170	6018	6018Z	6018ZZ	6018RS	6018-2RS
90	160	30	2.00	96,20	71,00	4,000	2,700	4,700	2,160	6218	6218Z	6218ZZ	6218RS	6218-2RS
90	190	43	3.00	143,00	104,00	3,400	2,500	4,200	5,150	6318	6318Z	6318ZZ	6318RS	6318-2RS
90	115	13	1	19,00	19,70	5,400	5,400	6,300	0.285	6818		6818-ZZ		6818-2RS
90	125	18	1.1	33,00	31,50	5,100	5,100	6,000	0.554	6918		6918-ZZ		6918-2RS
90	140	16	1	33,50	33,50	4,700		5,600	0.848	16018				
95	120	13	1	19,30	20,50	5,000	5,000	5,900	0.3	6819		6819-ZZ		6819-2RS
95	130	18	1.1	33,50	33,50	4,800	4,800	5,700	0.579	6919		6919-ZZ		6919-2RS
95	145	16	1	34,50	35,00	4,500		5,300	0.885	16019				
100	150	24	1.50	60,00	54,00	4,200	5,000	5,000	1,270	6020	6020Z	6020ZZ	6020RS	6020-2RS
100	180	34	2.10	122,00	92,70	3,400	2,400	4,000	3,150	6220	6220Z	6220ZZ	6220RS	6220-2RS
100	215	47	3.00	173,00	140,00	3,000	2,200	3,600	7,000	6320	6320Z	6320ZZ	6320RS	6320-2RS
100	125	13	1	19,60	21,20	4,800	4,800	5,600	0.313	6820		6820-ZZ		6820-2RS
100	140	20	1.1	41,00	39,50	4,500	4,500	5,300	0.785	6920		6920-ZZ		6920-2RS
100	150	16	1	35,00	36,50	4,200		5,000	0.91	16020				
105	160	26	2,00	69,80	61,20	4,000	2,400	4,800	1,590	6021	6021Z	6021ZZ	6021RS	6021-2RS
105	190	36	2,10	133,00	104,00	3,200	2,200	3,800	3,700	6221	6221Z	6221ZZ	6221RS	6221-2RS
105	225	49	3,00	182,00	153,00	2,800	2,100	3,400	8,050	6321	6321Z	6321ZZ	6321RS	6321-2RS
105	130	13	1	19,80	22,00	4,600		5,400	0.33	6821				
105	145	20	1.1	42,50	42,00	4,300	4,300	5,100	0.816	6921		6921-ZZ		6921-2RS
105	160	18	1	52,00	50,50	4,000		4,700	1.2	16021				
110	170	28	2,00	75,10	67,30	3,800	2,400	4,500	1,960	6022	6022Z	6022ZZ	6022RS	6022-2RS
110	200	38	1,10	144,00	117,00	3,000	2,000	3,600	4,450	6222	6222Z	6222ZZ	6222RS	6222-2RS
110	240	50	3,00	203,00	180,00	2,600	1,900	3,200	9,540	6322	6322Z	6322ZZ	6322RS	6322-2RS
110	150	20	1.1	43,50	44,50	4,100	4,100	4,800	0.849	6922		6922-ZZ		6922-2RS
110	170	19	1	57,50	56,50	3,800		4,500	1.46	16022				
120	180	28	2,00	85,00	79,40	3,300	2,200	4,000	2,100	6024	6024Z	6024ZZ	6024RS	6024-2RS
120	215	40	2,10	156,00	131,00	2,800	1,900	3,400	5,260	6224	6224Z	6224ZZ	6224RS	6224-2RS
120	150	16	1	28,90	33,00	4,000		4,700	0.555	6824				
120	165	22	1.1	53,00	54,00	3,800		4,400	1.15	6924				
120	180	19	1	63,00	63,50	3,500		4,100	1.56	16024				
130	200	33	2.0	102,00	93,90	3,200	2,000	3,800	3,150	6026	6026Z	6026ZZ	6026RS	6026-2RS
130	230	40	3.0	156,00	132,00	2,600	1,700	3,200	5,800	6226	6226Z	6226ZZ	6226RS	6226-2RS
130	180	24	1.5	65,00	67,50	3,500		4,100	1.52	6926				
130	200	22	1.1	80,00	79,50	3,200		3,800	2.31	16026				
140	175	18	1.1	38,50	44,50	3,400		4,000	0.85	6828				
140	190	24	1.5	66,50	71,50	3,200		3,800	1.62	6928				
140	210	22	1.1	82,00	85,00	3,000		3,500	2.45	16028				
150	190	20	1.1	47,50	55,00	3,100		3,700	1.16	6830				
150	210	28	2	85,00	90,50	3,000		3,500	2.47	6930				
150	225	24	1.1	96,50	101,00	2,800		3,200	3.07	16030				
160	200	20	1.1	48,50	57,00	2,900		3,400	1.23	6832				
160	220	28	2	87,00	96,00	2,800		3,300	2.61	6932				
160	240	25	1.5	99,00	108,00	2,600		3,000	3.64	16032				
170	215	22	1.1	90,00	70,50	2,700		3,200	1.63	6834				
170	230	28	2	86,00	95,50	2,600		3,100	2.74	6934				
170	260	28	1.5	119,00	128,00	2,400		2,800	4.93	16034				
180	225	22	1.1	90,50	73,00	2,600		3,000	2.03	6836				
180	250	33	2	110,00	119,00	2,400		2,900	4.76	6936				
180	280	31	2	117,00	134,00	2,300		2,700	6.49	16036				
190	240	24	1.5	73,00	88,00	2,400		2,900	2.62	6838				
190	260	33	2	113,00	127,00	2,300		2,700	4.98	6938				
190	290	31	2	134,00	156,00	2,100		2,500	6.77	16038				
200	250	24	1.5	74,00	91,50	2,300		2,700	2.73	6840				
200	280	38	2.1	157,00	168,00	2,200		2,600	7.1	6940				
200	310	34	2	142,00	160,00	2,000		2,400	8.68	16040				

ROLAMENTOS OSCILANTES DE ESFERAS



CATÁLOGO ROLAMENTOS



Dimensões Básicas (mm)				Capacidade de Carga Básica (kN)		Limite de Rotação (RPM)		Peso (Kg)	Especificação RBM	
d	D	B	rs (mm)	Dinâm C	Estat Co	Graxa	Óleo	Aprox	Número	Sufixo
10	30	9	0.6	5.50	1.19	21,000	24,000	0.033	1200	
10	35	11	0.6	7.25	1.62	18,000	21,000	0.058	1300	
10	30	14	0.6	7.30	1.59	19,000	23,000	0.047	2200	
10	35	17	0.6	10,10	2.15	17,000	20,000	0.083	2300	
12	32	10	0.6	5.60	1.27	18,000	22,000	0.04	1201	
12	37	12	1	9.45	2.16	16,000	18,000	0.066	1301	
12	32	14	0.6	7.60	1.73	17,000	20,000	0.051	2201	
12	37	17	1	11,80	2.71	15,000	17,000	0.091	2301	
15	35	11	0.6	7.45	1.75	16,000	19,000	0.049	1202	
15	42	13	1	9.55	2.30	13,000	16,000	0.092	1302	
15	35	14	0.6	7.70	1.85	15,000	18,000	0.06	2202	
15	42	17	1	12,00	2.90	13,000	15,000	0.114	2302	
17	40	12	0.6	7.90	2.01	14,000	17,000	0.072	1203	
17	47	14	1	12,50	3.20	12,000	14,000	0.128	1303	
17	40	16	0.6	9.80	2.41	13,000	16,000	0.088	2203	
17	47	19	1	14,40	3.55	11,000	14,000	0.156	2303	
20	47	14	1	9.90	2.61	13,000	15,000	0.114	1204	K
20	47	14	1	9.90	2.61	13,000	15,000	0.116	1204	
20	52	15	1.1	12,40	3.35	11,000	13,000	0.158	1304	K
20	52	15	1.1	12,40	3.35	11,000	13,000	0.16	1304	
20	47	18	1	12,60	3.30	12,000	14,000	0.137	2204	K
20	47	18	1	12,60	3.30	12,000	14,000	0.14	2204	
20	52	21	1.1	18,10	4.70	10,000	12,000	0.201	2304	K
20	52	21	1.1	18,10	4.70	10,000	12,000	0.206	2304	
25	52	15	1	12,10	3.30	11,000	13,000	0.135	1205	K
25	52	15	1	12,10	3.30	11,000	13,000	0.138	1205	
25	62	17	1.1	18,00	5.00	9,100	11,000	0.251	1305	K
25	62	17	1.1	18,00	5.00	9,100	11,000	0.255	1305	
25	52	18	1	13,00	3.45	10,000	12,000	0.153	2205	K
25	52	18	1	13,00	3.45	10,000	12,000	0.157	2205	
25	62	24	1.1	25,00	6.60	8,500	10,000	0.326	2305	K
25	62	24	1.1	25,00	6.60	8,500	10,000	0.334	2305	
30	62	16	1	15,60	4.65	9,200	11,000	0.213	1206	K
30	62	16	1	15,60	4.65	9,200	11,000	0.217	1206	
30	72	19	1.1	21,30	6.30	7,700	9,100	0.377	1306	K
30	72	19	1.1	21,30	6.30	7,700	9,100	0.383	1306	
30	62	20	1	15,50	4.50	8,600	10,000	0.25	2206	K
30	62	20	1	15,50	4.50	8,600	10,000	0.256	2206	
30	72	27	1.1	31,50	8.75	7,200	8,500	0.485	2306	K
30	72	27	1.1	31,50	8.75	7,200	8,500	0.496	2306	
35	72	17	1.1	16,00	5.10	8,000	9,400	0.312	1207	K
35	72	17	1.1	16,00	5.10	8,000	9,400	0.317	1207	
35	80	21	1.5	25,00	7.85	6,800	8,000	0.492	1307	K
35	80	21	1.5	25,00	7.85	6,800	8,000	0.5	1307	
35	72	23	1.1	22,00	6.60	7,500	8,800	0.382	2207	K
35	72	23	1.1	22,00	6.60	7,500	8,800	0.392	2207	
35	80	31	1.5	40,00	11.3	6,300	7,400	0.653	2307	K
35	80	31	1.5	40,00	11.3	6,300	7,400	0.671	2307	
40	80	18	1.1	20,00	6.55	7,100	8,400	0.407	1208	K
40	80	18	1.1	20,00	6.55	7,100	8,400	0.414	1208	
40	90	23	1.5	30,00	9.70	6,000	7,000	0.698	1308	K
40	90	23	1.5	30,00	9.70	6,000	7,000	0.709	1308	
40	80	23	1.1	23,00	7.35	6,700	7,900	0.482	2208	K
40	80	23	1.1	23,00	7.35	6,700	7,900	0.493	2208	
40	90	33	1.5	45,00	13.5	5,600	6,600	0.895	2308	K
40	90	33	1.5	45,00	13.5	5,600	6,600	0.918	2308	
45	85	19	1.1	22,00	7.35	6,400	7,500	0.448	1209	K
45	85	19	1.1	22,00	7.35	6,400	7,500	0.457	1209	
45	100	25	1.5	39,00	12.7	5,400	6,300	0.938	1309	K

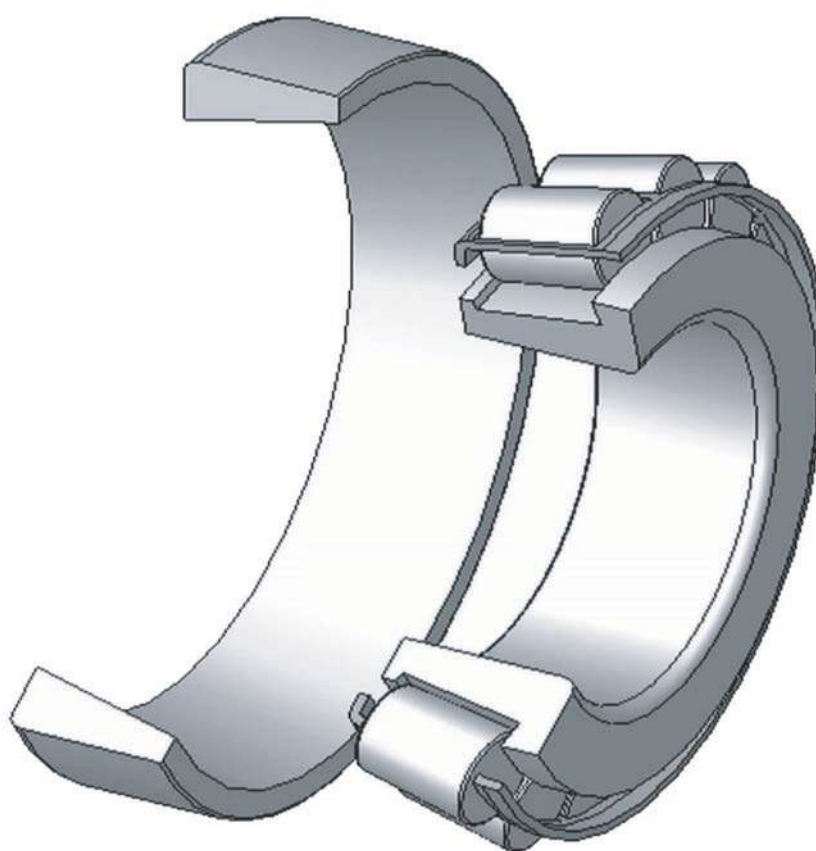
CATÁLOGO ROLAMENTOS

Dimensões Básicas (mm)				Capacidade de Carga Básica (KN)		Limite de Rotação (RPM)		Peso (Kg)	Especificação RBM	
d	D	B	rs (min)	Dinam C	Estat Co	Graxa	Óleo	Aprox	Número	Sufixo
45	100	25	1.5	39,00	12.7	5,400	6,300	0.953	1309	
45	85	23	1.1	24,00	8.15	6,000	7,100	0.528	2209	K
45	85	23	1.1	24,00	8.15	6,000	7,100	0.54	2209	
45	100	36	1.5	55,00	16.7	5,000	5,900	1.2	2309	K
45	100	36	1.5	55,00	16.7	5,000	5,900	1.23	2309	
50	90	20	1.1	23,00	8.10	5,800	6,800	0.504	1210	K
50	90	20	1.1	23,00	8.10	5,800	6,800	0.515	1210	
50	110	27	2	44,00	14.1	4,900	5,800	1.18	1310	K
50	110	27	2	44,00	14.1	4,900	5,800	1.2	1310	
50	90	23	1.1	24,00	8.45	5,500	6,400	0.569	2210	K
50	90	23	1.1	24,00	8.45	5,500	6,400	0.583	2210	
50	110	40	2	65,00	20.2	4,600	5,400	1.59	2310	K
50	110	40	2	65,00	20.2	4,600	5,400	1.63	2310	
55	100	21	1.5	27,00	10.0	5,300	6,200	0.679	1211	K
55	100	21	1.5	27,00	10.0	5,300	6,200	0.692	1211	
55	120	29	2	52,00	17.9	4,500	5,200	1.56	1311	K
55	120	29	2	52,00	17.9	4,500	5,200	1.58	1311	
55	100	25	1.5	27,00	9.90	5,000	5,800	0.769	2211	K
55	100	25	1.5	27,00	9.90	5,000	5,800	0.787	2211	
55	120	43	2	76,00	24.0	4,200	4,900	2.05	2311	K
55	120	43	2	76,00	24.0	4,200	4,900	2.1	2311	
60	110	22	1.5	31,00	11.5	4,900	5,800	0.864	1212	K
60	110	22	1.5	31,00	11.5	4,900	5,800	0.879	1212	
60	130	31	2.1	58,00	20.8	4,100	4,800	1.93	1312	K
60	130	31	2.1	58,00	20.8	4,100	4,800	1.96	1312	
60	110	28	1.5	35,00	12.6	4,600	5,400	1.06	2212	K
60	110	28	1.5	35,00	12.6	4,600	5,400	1.08	2212	
60	130	46	2.1	88,00	28.2	3,800	4,500	2.52	2312	K
60	130	46	2.1	88,00	28.2	3,800	4,500	2.59	2312	
65	120	23	1.5	32,00	12.5	4,500	5,300	1.11	1213	K
65	120	23	1.5	32,00	12.5	4,500	5,300	1.13	1213	
65	140	33	2.1	63,00	22.9	3,800	4,500	2.38	1313	K
65	140	33	2.1	63,00	22.9	3,800	4,500	2.42	1313	
65	120	31	1.5	44,00	16.4	4,200	5,000	1.41	2213	K
65	120	31	1.5	44,00	16.4	4,200	5,000	1.44	2213	
65	140	48	2.1	97,00	32.5	3,600	4,200	3.12	2313	K
65	140	48	2.1	97,00	32.5	3,600	4,200	3.2	2313	
70	125	24	1.5	35,00	13.8	4,200	4,900	1.24	1214	
70	150	35	2.1	75,00	27.7	3,500	4,200	2.99	1314	
70	125	31	1.5	45,00	17.1	3,900	4,600	1.52	2214	
70	150	51	2.1	110,00	37.5	3,300	3,900	3.92	2314	
75	130	25	1.5	40,00	15.7	3,900	4,600	1.31	1215	K
75	130	25	1.5	40,00	15.7	3,900	4,600	1.33	1215	
75	160	37	2.1	80,00	30.0	3,300	3,900	3.5	1315	K
75	160	37	2.1	80,00	30.0	3,300	3,900	3.55	1315	
75	130	31	1.5	45,00	17.8	3,700	4,300	1.54	2215	K
75	130	31	1.5	45,00	17.8	3,700	4,300	1.58	2215	
75	160	55	2.1	125,00	43.0	3,100	3,600	4.66	2315	K
75	160	55	2.1	125,00	43.0	3,100	3,600	4.78	2315	
80	140	26	2	41,00	17.0	3,700	4,300	1.62	1216	K
80	140	26	2	41,00	17.0	3,700	4,300	1.65	1216	
80	170	39	2.1	89,00	33.0	3,100	3,600	4.11	1316	K
80	170	39	2.1	89,00	33.0	3,100	3,600	4.17	1316	
80	140	33	2	49,00	19.9	3,400	4,000	1.95	2216	K
80	140	33	2	49,00	19.9	3,400	4,000	1.99	2216	
80	170	58	2.1	130,00	45.0	2,900	3,400	5.51	2316	K
80	170	58	2.1	130,00	45.0	2,900	3,400	5.65	2316	
85	150	28	2	50,00	20.8	3,500	4,100	2.03	1217	K
85	150	28	2	50,00	20.8	3,500	4,100	2.06	1217	
85	180	41	3	98,00	38.0	2,900	3,400	4.89	1317	K
85	180	41	3	98,00	38.0	2,900	3,400	4.96	1317	
85	150	36	2	59,00	23.6	3,200	3,800	2.49	2217	K
85	150	36	2	59,00	23.6	3,200	3,800	2.54	2217	
85	180	60	3	140,00	51.5	2,700	3,200	6.39	2317	K
85	180	60	3	140,00	51.5	2,700	3,200	6.55	2317	
90	160	30	2	58,00	23.5	3,300	3,800	2.47	1218	K
90	160	30	2	58,00	23.5	3,300	3,800	2.51	1218	
90	190	43	3	117,00	44.5	2,700	3,200	5.69	1318	K
90	190	43	3	117,00	44.5	2,700	3,200	5.78	1318	
90	160	40	2	71,00	28.7	3,100	3,600	3.12	2218	K

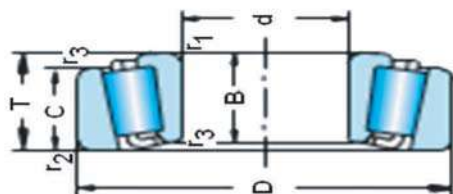
CATÁLOGO ROLAMENTOS

Dimensões Básicas (mm)				Capacidade de Carga Básica (kN)		Limite de Rotação (RPM)		Peso (Kg)	Especificação RBM	
d	D	B	rs (min)	Dinam C	Estat Co	Graxa	Óleo	Aprox	Número	Sufixo
90	160	40	2	71,00	28.7	3,100	3,600	3.19	2218	
90	190	64	3	152,00	57.5	2,600	3,000	7.56	2318	K
90	190	64	3	152,00	57.5	2,600	3,000	7.75	2318	
95	170	32	2.1	65,00	27.1	3,100	3,600	3.05	1219	K
95	170	32	2.1	65,00	27.1	3,100	3,600	3.1	1219	
95	200	45	3	133,00	51.0	2,600	3,000	6.59	1319	K
95	200	45	3	133,00	51.0	2,600	3,000	6.69	1319	
95	170	43	2.1	84,00	34.5	2,900	3,400	3.8	2219	K
95	170	43	2.1	84,00	34.5	2,900	3,400	3.89	2219	
95	200	67	3	165,00	64.5	2,400	2,800	8.83	2319	K
95	200	67	3	165,00	64.5	2,400	2,800	9.05	2319	
100	180	34	2.1	70,00	29.7	2,900	3,400	3.64	1220	K
100	180	34	2.1	70,00	29.7	2,900	3,400	3.7	1220	
100	215	47	3	144,00	57.5	2,400	2,900	8.19	1320	K
100	215	47	3	144,00	57.5	2,400	2,900	8.3	1320	
100	180	46	2.1	95,00	38.5	2,700	3,200	4.54	2220	K
100	180	46	2.1	95,00	38.5	2,700	3,200	4.65	2220	
100	215	73	3	192,00	79.0	2,300	2,700	11.2	2320	K
100	215	73	3	192,00	79.0	2,300	2,700	11.5	2320	
105	190	36	2.1	75,00	32.5	2,800	3,300	4.34	1221	
105	225	49	3	75,00	64.5	2,300	2,700	10	1321	
105	190	50	2.1	110,00	45.0	2,600	3,100	6.07	2221	
105	225	77	3	206,00	87.0	2,200	2,600	13.2	2321	
110	200	38	2.1	81,00	35.5	2,600	3,100	5.07	1222	K
110	200	38	2.1	81,00	35.5	2,600	3,100	5.15	1222	
110	240	50	3	165,00	71.5	2,200	2,600	11.7	1322	K
110	240	50	3	165,00	71.5	2,200	2,600	11.8	1322	
110	200	53	2.1	125,00	51.5	2,500	2,900	6.94	2222	K
110	200	53	2.1	125,00	51.5	2,500	2,900	7.1	2222	
110	240	80	3	220,00	94.5	2,100	2,400	15.4	2322	K
110	240	80	3	220,00	94.5	2,100	2,400	15.8	2322	

ROLAMENTOS DE ROLOS CÔNICOS



CATÁLOGO ROLAMENTOS

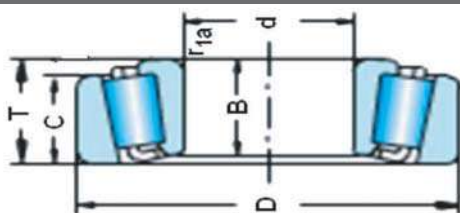


Dimensões Básicas (mm)									Capacidade de Carga Básica		Limite de Rotação		Massa	Especificação
d	D	B	C	T	r ₁	r ₂	r ₃	a	Dinam C	Estat Co	a graxa	a óleo	Peso	RBM
mm									KN		rpm		Kg	Numero
15	35	11	10.0	11.75	0.8	0.8	0.3	8	14.8	13.5	13,000	18,000	0.055	30202
15	42	13	11.0	14.25	1.0	1.0	0.3	10	22.8	19.8	10,000	14,000	0.098	30302
17	40	12	11.0	13.25	1.0	1.0	0.3	10	16.8	16.5	11,000	15,000	0.081	30203
17	47	14	12.0	15.25	1.0	1.0	0.3	11	25.1	22.8	10,000	13,000	0.140	30303
20	42	15	12.0	15.00	0.6	0.6	0.3	10	22.8	29.0	9,000	13,000	0.102	32004X
20	47	14	12.0	15.25	1.0	1.0	0.3	11	25.1	26.1	8,900	12,000	0.132	30204
20	52	15	13.0	16.25	1.5	1.5	0.6	11	30.4	29.9	8,400	11,000	0.179	30304
20	52	15	11.0	16.25	1.5	1.5	0.6	16	31.2	30.6	8,100	10,500	0.170	31304
20	52	21	18.0	22.25	1.5	1.5	0.6	13	43.8	45.5	8,400	11,000	0.267	32304
25	47	15	11.5	15.00	0.6	0.6	0.3	12	24.2	28.7	8,400	11,000	0.117	32005X
25	52	15	13.0	16.25	1.0	1.0	0.3	12	29.9	33.5	7,500	10,000	0.167	30205
25	62	17	15.0	18.25	1.5	1.5	0.6	13	43.8	42.1	6,900	9,200	0.288	30305
25	62	17	13.0	18.25	1.5	1.5	0.6	20	36.2	39.1	6,700	8,900	0.271	31305
25	62	24	20.0	25.25	1.5	1.5	0.6	15	57.3	60.7	6,700	8,900	0.404	32305
30	55	17	13.0	17.00	1.0	1.0	0.3	13	35.5	43.8	7,100	9,400	0.181	32006X
30	62	16	14.0	17.25	1.0	1.0	0.3	14	40.6	44.7	6,700	8,900	0.252	30206
30	62	20	17.0	21.25	1.0	1.0	0.3	15	50.1	59.6	6,700	8,900	0.320	32206
30	72	19	16.0	20.75	1.5	1.5	0.6	15	53.1	53.1	5,600	7,500	0.419	30306
30	72	19	14.0	20.75	1.5	1.5	0.6	23	46.4	50.1	5,300	7,100	0.390	31306
30	72	27	23.0	28.75	1.5	1.5	0.6	20	76.4	85.8	5,600	7,500	0.628	32306
32	58	17	13.0	17.00	1.0	1.0	0.3	14	39.8	48.2	7,100	9,400	0.196	320/32X
35	62	18	14.0	18.00	1.0	1.0	0.3	15	43.0	53.1	6,300	8,400	0.243	32007X
35	72	17	15.0	18.25	1.5	1.5	0.6	15	46.4	51.1	5,300	7,100	0.361	30207
35	72	23	19.0	24.25	1.5	1.5	0.6	17	64.3	76.4	5,300	7,100	0.480	32207
35	80	21	18.0	22.75	2.0	1.5	0.6	16	65.6	69.4	5,000	6,700	0.551	30307
35	80	21	15.0	22.75	2.0	1.5	0.6	26	57.3	63.1	4,700	6,300	0.520	31307
35	80	31	25.0	32.75	2.0	1.5	0.6	20	94.4	110.0	4,700	6,300	0.827	32307
40	68	19	14.5	19.00	1.0	1.0	0.3	15	48.2	64.3	5,300	7,100	0.290	32008X
40	80	18	16.0	19.75	1.5	1.5	0.6	17	55.2	60.7	4,700	6,300	0.452	30208
40	80	23	19.0	24.75	1.5	1.5	0.6	18	70.8	85.5	4,700	6,300	0.594	32208
40	90	23	20.0	25.25	2.0	1.5	0.6	18	84.3	93.2	4,500	6,000	0.773	30308
40	90	23	20.0	25.25	2.0	1.5	0.6	19	82.5	94.4	4,500	6,000	0.773	30308
40	90	23	17.0	25.25	2.0	1.5	0.6	29	76.4	85.8	4,000	5,300	0.776	31308
40	90	33	27.0	35.25	2.0	1.5	0.6	22	114.0	141.0	4,200	5,600	1.120	32308
40	90	33	27.0	35.25	2.0	1.5	0.6	27	104.2	136.6	4,100	5,400	1.110	32308
40	90	33	27.0	35.25	2.0	1.5	0.6	27	104.0	144.0	4,200	5,600	0.990	32308
45	75	20	15.5	20.00	1.0	1.0	0.3	17	57.3	79.4	4,700	6,300	0.355	32009X
45	85	19	16.0	20.75	1.5	1.5	0.6	18	61.9	70.8	4,500	6,000	0.527	30209
45	85	23	19.0	24.75	1.5	1.5	0.6	20	73.6	90.9	4,500	6,000	0.641	32209
45	100	25	22.0	27.25	2.0	1.5	0.6	21	107.0	118.0	4,000	5,300	1.040	30309
45	100	25	22.0	27.25	2.0	1.5	0.6	21	104.0	117.0	4,000	5,300	1.040	30309
45	100	25	18.0	27.25	2.0	1.5	0.6	32	92.6	104.0	3,800	5,000	1.030	31309
45	100	36	30.0	38.25	2.0	1.5	0.6	25	144.0	181.0	3,800	5,000	1.530	32309
45	100	36	30.0	38.25	2.0	1.5	0.6	31	131.0	174.0	3,800	5,000	1.540	32309
50	80	20	15.5	20.00	1.0	1.0	0.3	18	59.6	87.4	4,500	6,000	0.395	32010X
50	90	20	17.0	21.75	1.5	1.5	0.6	20	70.8	87.4	4,200	5,600	0.602	30210
50	90	23	19.0	24.75	1.5	1.5	0.6	21	81.0	102.0	4,200	5,600	0.667	32210
50	110	27	23.0	29.25	2.5	2.0	0.6	23	121.0	141.0	3,800	5,000	1.320	30310
50	110	27	19.0	29.25	2.5	2.0	0.6	35	102.0	114.0	3,300	4,500	1.290	31310
50	110	40	33.0	42.25	2.5	2.0	0.6	27	174.0	224.0	3,300	4,500	2.010	32310
50	110	40	33.0	42.25	2.5	2.0	0.6	33	147.0	215.0	3,200	4,400	1.990	32310
55	90	23	17.5	23.00	1.5	1.5	0.6	20	76.4	108.0	4,000	5,300	0.592	32011X
55	100	21	18.0	22.75	2.0	1.5	0.6	21	81.0	96.2	3,800	5,000	0.759	30211
55	100	25	21.0	26.75	2.0	1.5	0.6	22	102.0	128.0	3,800	5,000	0.915	32211
55	120	29	25.0	31.50	2.5	2.0	0.6	25	136.0	162.0	3,300	4,500	1.710	30311
55	120	29	21.0	31.50	2.5	2.0	0.6	38	117.0	136.0	3,000	4,000	1.630	31311
55	120	43	35.0	45.50	2.5	2.0	0.6	29	200.0	256.0	3,300	4,500	2.500	32311
60	95	23	17.5	23.00	1.5	1.5	0.6	21	81.0	119.0	3,800	5,000	0.632	32012X
60	110	22	19.0	23.75	2.0	1.5	0.6	22	94.4	117.0	3,300	4,500	0.967	30212
60	110	28	24.0	29.75	2.0	1.5	0.6	25	126.0	162.0	3,300	4,500	1.270	32212

CATÁLOGO ROLAMENTOS

Dimensões Básicas (mm)									Capacidade de Carga Básica		Limite de Rotação		Massa	Especificação
d	D	B	C	T	r ₁	r ₂	r ₃	a	Dinam C	Estat Co	a graxa	a óleo	Peso	RBM
mm									KN		rpm		Kg	Numero
60	130	31	26.0	33.50	3.0	2.5	1.0	26	162.0	188.0	3,000	4,000	2.090	30312
60	130	31	22.0	33.50	3.0	2.5	1.0	41	136.0	158.0	2,800	3,800	2.030	31312
60	130	46	37.0	48.50	3.0	2.5	1.0	31	228.0	299.0	2,800	3,800	3.070	32312
60	130	46	37.0	48.50	3.0	2.5	1.0	39	200.0	293.0	2,500	3,300	3.160	32312
65	100	23	17.5	23.00	1.5	1.5	0.6	23	81.0	123.0	3,300	4,500	0.675	32013X
65	110	34	26.5	34.00	1.5	1.5	0.6	26	136.0	207.0	3,800	5,300	1.300	33113
65	120	23	20.0	24.75	2.0	1.5	0.6	24	112.0	136.0	3,000	4,000	1.230	30213
65	120	31	27.0	32.75	2.0	1.5	0.6	28	150.0	200.0	3,000	4,000	1.660	32213
65	120	41	32.0	41.00	2.0	1.5	0.6	30	191.0	267.0	3,000	4,000	2.060	33213
65	140	33	28.0	36.00	3.0	2.5	1.0	28	185.0	220.0	2,800	3,800	2.550	30313
65	140	33	23.0	36.00	3.0	2.5	1.0	44	150.0	178.0	2,800	3,800	2.450	31313
65	140	48	39.0	51.00	3.0	2.5	1.0	33	261.0	331.0	2,800	3,800	3.770	32313
70	110	25	19.0	25.00	1.5	1.5	0.6	24	98.1	147.0	3,300	4,500	0.893	32014X
70	125	24	21.0	26.25	2.0	1.5	0.6	26	121.0	153.0	3,000	4,000	1.370	30214
70	125	31	27.0	33.25	2.0	1.5	0.6	29	155.0	203.0	2,800	3,800	1.730	32214
70	150	35	30.0	38.00	3.0	2.5	1.0	30	211.0	251.0	2,700	3,500	3.070	30314
70	150	35	25.0	38.00	3.0	2.5	1.0	47	178.0	211.0	2,700	3,500	3.010	31314
70	150	51	42.0	54.00	3.0	2.5	1.0	36	293.0	398.0	2,700	3,500	4.550	32314
75	115	25	19.0	25.00	1.5	1.5	0.6	25	104.0	158.0	3,000	4,000	0.955	32015X
75	130	25	22.0	27.25	2.0	1.5	0.6	28	128.0	165.0	2,800	3,800	1.470	30215
75	130	31	27.0	33.25	2.0	1.5	0.6	30	162.0	220.0	2,800	3,800	1.820	32215
75	130	41	31.0	41.00	2.0	1.5	0.6	32	196.0	299.0	2,800	3,800	2.300	33215
75	160	37	31.0	40.00	3.0	2.5	1.0	32	242.0	287.0	2,500	3,300	3.720	30315
75	160	55	45.0	58.00	3.0	2.5	1.0	38	341.0	464.0	2,400	3,200	5.620	32315
75	160	55	45.0	58.00	3.0	2.5	1.0	47	304.0	464.0	2,000	2,700	5.600	32315
80	125	29	22.0	29.00	1.5	1.5	0.6	27	131.0	207.0	2,800	3,800	1.320	32016X
80	130	37	29.0	37.00	2.0	1.5	0.6	31	190.0	300.0	3,200	4,200	1.930	33116
80	140	26	22.0	28.25	2.5	2.0	0.6	29	144.0	178.0	2,800	3,800	1.750	30216
80	140	33	28.0	35.25	2.5	2.0	0.6	32	181.0	251.0	2,800	3,800	2.290	32216
85	130	29	22.0	29.00	1.5	1.5	0.6	28	136.0	215.0	2,800	3,800	1.410	32017X
85	130	36	29.5	36.00	1.5	1.5	0.6	26	195.0	319.0	3,000	4,000	1.730	33017
85	150	28	24.0	30.50	2.5	2.0	0.6	30	181.0	207.0	2,700	3,500	2.140	30217
85	150	36	30.0	38.50	2.5	2.0	0.6	34	212.4	290.2	2,400	3,300	2.850	32217
85	150	36	30.0	38.50	2.5	2.0	0.6	34	237.0	293.0	2,700	3,500	2.850	32217
85	150	49	37.0	49.00	2.5	2.0	0.6	37	278.0	418.0	2,200	3,200	3.690	33217
90	140	32	24.0	32.00	2.0	1.5	0.6	30	150.0	228.0	2,700	3,500	1.780	32018X
90	140	39	32.5	39.00	2.0	1.5	0.6	28	223.0	370.0	2,800	3,800	2.250	33018
90	150	45	35.0	45.00	2.5	2.0	0.6	36	265.0	420.0	2,800	3,800	3.200	33118
90	160	30	26.0	32.50	2.5	2.0	0.6	31	185.0	242.0	2,400	3,200	2.710	30218
90	160	40	34.0	42.50	2.5	2.0	0.6	37	251.0	355.0	2,400	3,200	3.600	32218
90	190	43	30.0	46.50	4.0	3.0	1.0	59	301.0	366.0	1,700	2,400	5.420	31318
95	145	32	24.0	32.00	2.0	1.5	0.6	31	178.0	290.0	2,700	3,500	1.870	32019X
95	145	39	32.5	39.00	2.0	1.5	0.6	29	228.0	385.0	2,700	3,500	2.340	33019
95	170	32	27.0	34.50	3.0	2.5	1.0	33	237.0	308.0	2,700	3,500	3.160	30219
95	170	43	37.0	45.50	3.0	2.5	1.0	38	310.0	437.0	2,700	3,500	4.320	32219
100	150	32	24.0	32.00	2.0	1.5	0.6	33	178.0	261.0	2,400	3,200	1.940	32020X
100	150	39	32.5	39.00	2.0	1.5	0.6	29	234.0	400.0	2,500	3,300	2.470	33020
100	180	34	29.0	37.00	3.0	2.5	1.0	37	266.0	346.0	2,500	3,300	3.810	30220
100	180	46	39.0	49.00	3.0	2.5	1.0	41	348.0	496.0	2,500	3,300	5.210	32220
105	160	35	26.0	35.00	2.5	2.0	0.6	35	211.0	348.0	2,600	3,400	2.510	32021X
105	160	43	34.0	43.00	2.5	2.0	0.6	31	260.0	445.0	2,400	3,200	3.060	33021
105	190	36	30.0	39.00	3.0	2.5	1.0	37	293.0	387.0	2,400	3,200	4.940	30221
105	190	50	43.0	53.00	3.0	2.5	1.0	44	393.0	570.0	2,400	3,200	6.380	32221
110	170	38	29.0	38.00	2.5	2.0	0.6	37	250.0	413.0	2,500	3,300	3.090	32022X
110	170	47	37.0	47.00	2.5	2.0	0.6	33	300.0	520.0	2,200	3,000	3.870	33022
110	200	38	32.0	41.00	3.0	2.5	1.0	39	304.0	402.0	1,800	2,500	5.320	30222
110	200	53	46.0	56.00	3.0	2.5	1.0	46	433.0	630.0	2,200	3,000	7.560	32222
120	180	38	29.0	38.00	2.5	2.0	0.6	40	254.0	430.0	2,400	3,200	3.320	32024X
120	215	40	34.0	43.50	3.0	2.5	1.0	43	339.0	452.0	1,600	2,200	6.330	30224
120	215	58	50.0	61.50	3.0	2.5	1.0	52	484.0	727.0	1,900	3,000	9.420	32224
130	200	45	34.0	45.00	2.5	2.0	0.6	43	338.0	578.0	2,100	2,800	5.050	32026X
130	230	40	34.0	43,75	4.0	3.0		46	379.0	499.0	1,500	2,000	7.150	30226
130	230	64	54.0	67,75	4.0	3.0		57	506.0	796.0	1,500	2,000	11.300	32226
140	210	45	34.0	45.00	2.5	2.0	0.6	46	335.0	580.0	1,700	2,200	5.260	32028AX
140	250	42	36.0	45,75	4.0	3.0		49	399.0	560.0	1,400	1,900	8.650	30228
140	250	68	58.0	71,75	4.0	3.0		60	606.0	976.0	1,400	1,900	14.400	32228
150	270	45	38.0	49.00	4.0	3.0		52	431.0	628.0	1,300	1,800	11.000	30230
150	270	73	60.0	77.00	4.0	3.0		65	752.0	1155.0	1,200	1,700	18.300	32230

CATÁLOGO ROLAMENTOS



Dimensões Básicas (mm)						Capacidade de Carga Básica		Limite de Rotação		Massa	Especificação
d	D	T	B	C	r1a (max)	Dinam C	Estat Co	a graxa	a óleo	Peso	RBM
mm						KN		rpm		kg	Numero
12.700	34.988	10.998	10.988	8.730	1.3	12.3	11.6	12 000	16 000	0.053	A4050/A4138
14.989	34.988	10.998	10.988	8.730	1.3	12.3	11.6	12 000	16 000	0.049	A4059/A4138
15.875	41.275	14.288	14.681	11.112	2.0	20.3	18.7	10 000	13 000	0.092	03062/03162
15.875	42.862	14.288	14.288	9.525	1.5	17.6	17.5	8 700	12 000	0.103	11590/11520
15.875	42.862	16.670	16.670	13.495	1.5	26.7	26.0	9 800	13 000	0.122	17580/17520
15.875	47.000	14.381	14.381	11.112	1.3	24.0	24.2	8 600	11 000	0.131	05062/05185
15.875	49.225	19.845	21.539	14.288	1.3	38.5	39.0	8 500	11 000	0.203	09062/09195
16.993	47.000	14.381	14.381	11.112	1.3	24.0	24.2	8 600	11 000	0.127	05066/05185
17.462	39.878	13.843	14.605	10.668	1.3	23.8	24.2	10 000	13 000	0.084	LM11749/LM11710
19.050	39.992	12.014	11.153	9.525	1.3	12.8	12.8	10 000	13 000	0.065	A6075/A6157
19.050	45.237	15.494	16.637	12.065	1.3	28.3	28.6	8 900	12 000	0.122	LM11949/LM11910
19.050	47.000	14.381	14.381	11.112	1.3	24.0	24.2	8 600	11 000	0.121	05075/05185
19.050	49.225	18.034	19.050	14.288	1.3	38.5	39.0	8 500	11 000	0.179	09067/09195
19.050	49.225	19.845	21.539	14.288	1.3	38.5	39.0	8 500	11 000	0.188	09078/09195
19.050	49.225	21.209	19.050	17.462	1.5	38.5	39.0	8 500	11 000	0.198	09067/09196
19.050	53.975	22.225	21.839	15.875	2.3	40.0	39.0	8 000	11 000	0.248	21075/21212
19.050	56.896	19.368	19.837	15.875	1.3	42.5	46.5	7 200	9 600	0.272	1775/1729
19.987	47.000	14.381	14.381	11.112	1.3	24.0	24.2	8 600	11 000	0.117	05079/05185
20.000	50.005	13.495	14.260	9.525	1.0	26.0	27.9	7 500	10 000	0.138	07079/07196
20.625	49.225	19.845	21.539	14.288	1.3	38.5	39.0	8 500	11 000	0.179	09081/09195
20.638	49.225	19.845	19.845	15.875	1.5	37.5	39.0	8 200	11 000	0.182	12580/12520
21.430	50.005	17.526	18.288	13.970	1.3	38.0	39.0	8 000	11 000	0.169	M12649/M12610
21.986	45.974	15.494	16.637	12.065	1.3	29.6	34.0	8 400	11 000	0.123	LM12749/LM12711
22.225	50.005	13.495	14.260	9.525	1.0	26.0	27.9	7 500	10 000	0.130	07087/07196
22.225	50.005	17.526	18.288	13.970	1.3	38.0	39.0	8 000	11 000	0.165	M12648/M12610
22.225	52.388	19.368	20.168	14.288	1.5	40.5	43.0	7 600	10 000	0.200	1380/1328
22.225	53.975	19.368	20.168	14.288	1.5	40.5	43.0	7 600	10 000	0.215	1380/1329
22.225	56.896	19.368	19.837	15.875	1.3	42.5	46.5	7 200	9 600	0.256	1755/1729
22.225	57.150	22.225	22.225	17.462	1.5	47.0	49.5	7 100	9 500	0.286	1280/1220
22.606	47.000	15.500	15.500	12.000	1.0	27.5	32.5	8 200	11 000	0.125	LM72849/LM72810
23.812	50.005	13.495	14.260	9.525	1.0	26.0	27.9	7 500	10 000	0.123	07093/07196
23.812	50.292	14.224	14.732	10.668	1.3	28.8	34.0	7 400	9 900	0.137	L44640/L44610
23.812	56.896	19.368	19.837	15.875	1.3	42.5	46.5	7 200	9 600	0.247	1779/1729
24.981	50.005	13.495	14.260	9.525	1.0	26.0	27.9	7 500	10 000	0.118	07098/07196
25.000	50.005	13.495	14.260	9.525	1.0	26.0	27.9	7 500	10 000	0.118	07097/07196
25.159	50.005	13.495	14.260	9.525	1.0	26.0	27.9	7 500	10 000	0.117	07096/07196
25.400	50.005	13.495	14.260	9.525	1.0	26.0	27.9	7 500	10 000	0.117	07100/07196
25.400	50.005	13.495	14.260	9.525	1.0	26.0	27.9	7 500	10 000	0.116	07100S/07196
25.400	50.292	14.224	14.732	10.668	1.3	28.8	34.0	7 400	9 900	0.130	L44643/L44610
25.400	51.994	15.011	14.260	12.700	1.3	26.0	27.9	7 500	10 000	0.144	07100/07204
25.400	56.896	19.368	19.837	15.875	1.3	42.5	46.5	7 200	9 600	0.238	1780/1729
25.400	57.150	19.431	19.431	14.732	1.5	42.0	48.5	6 900	9 200	0.241	M84548/M84510
25.400	61.912	19.050	20.638	14.288	2.0	46.5	54.0	6 100	8 200	0.300	15101/15243
25.400	62.000	19.050	20.638	14.288	1.3	46.5	54.0	6 100	8 200	0.299	15100/15245
25.400	62.000	19.050	20.638	14.288	1.3	46.5	54.0	6 100	8 200	0.301	15102/15245
25.400	64.292	21.433	21.433	16.670	1.5	51.5	64.5	6 100	8 100	0.371	M86643/M86610
25.400	65.088	22.225	21.463	15.875	1.5	47.0	50.5	5 700	7 600	0.360	23100/23256
25.400	66.421	23.812	25.433	19.050	1.3	64.5	72.5	6 200	8 200	0.442	2687/2631
26.157	62.000	19.050	20.638	14.288	1.3	46.5	54.0	6 100	8 200	0.296	15103/15245
26.162	66.421	23.812	25.433	19.050	1.3	64.5	72.5	6 200	8 200	0.436	2682/2631
26.988	50.292	14.224	14.732	10.668	1.3	28.8	34.0	7 400	9 900	0.120	L44649/L44610
26.988	60.325	19.842	17.462	15.875	1.5	39.5	45.5	6 700	8 900	0.260	15580/15523
26.988	62.000	19.050	20.638	14.288	1.3	46.5	54.0	6 100	8 200	0.291	15106/15245
26.988	66.421	23.812	25.433	19.050	1.3	64.5	72.5	6 200	8 200	0.429	2688/2631
28.575	56.896	19.845	19.355	15.875	0.8	40.5	44.5	6 700	8 900	0.217	1985/1930
28.575	57.150	17.462	17.462	13.495	1.5	39.5	45.5	6 700	8 900	0.196	15590/15520
28.575	58.738	19.050	19.355	15.080	1.3	40.5	44.5	6 700	8 900	0.230	1985/1932

CATÁLOGO ROLAMENTOS

Dimensões Básicas (mm)						Capacidade de Carga Básica		Limite de Rotação		Massa	Especificação
d	D	T	B	C	r1a (max)	Dinam C	Estat Co	a graxa	a óleo	Peso	RBM
mm						KN		rpm		kg	Numero
28.575	60.325	19.842	17.462	15.875	1.5	39.5	45.5	6 700	8 900	0.250	15590/15523
28.575	60.325	19.845	19.355	15.875	1.3	40.5	44.5	6 700	8 900	0.255	1985/1931
28.575	62.000	19.050	20.638	14.288	1.3	46.5	54.0	6 100	8 200	0.277	15112/15245
28.575	64.292	21.433	21.433	16.670	1.5	51.5	64.5	6 100	8 100	0.348	M86647/M86610
28.575	66.421	23.812	25.433	19.050	1.3	64.5	72.5	6 200	8 200	0.416	2689/2631
28.575	68.262	22.225	22.225	17.462	1.5	57.0	67.0	5 800	7 700	0.409	02474/02420
28.575	68.262	22.225	23.812	17.462	1.5	57.5	65.5	5 700	7 700	0.410	2474/2420
28.575	69.850	23.812	25.357	19.050	1.3	69.0	81.5	5 700	7 600	0.483	2578/2523
28.575	72.626	24.608	24.257	17.462	1.5	58.0	55.5	5 800	7 700	0.477	41125/41286
28.575	73.025	22.225	22.225	17.462	3.3	56.5	68.0	5 300	7 000	0.480	02872/02820
29.000	50.292	14.224	14.732	10.668	1.3	28.0	35.5	7 200	9 600	0.113	L45449/L45410
29.367	66.421	23.812	25.433	19.050	1.3	64.5	72.5	6 200	8 200	0.406	2690/2631
29.987	62.000	16.002	16.566	14.288	1.5	39.0	42.0	6 300	8 400	0.228	17118/17244
29.987	62.000	19.050	20.638	14.288	1.3	46.5	54.0	6 100	8 200	0.269	15117/15245
30.000	69.012	19.845	19.583	15.875	1.3	48.5	58.0	5 600	7 400	0.369	14117A/14276
30.000	72.000	29.370	27.783	23.020	3.3	72.0	97.0	5 400	7 100	0.619	JHM88540/JHM88513
30.112	62.000	19.050	20.638	14.288	1.3	46.5	54.0	6 100	8 200	0.268	15116/15245
30.162	62.000	16.002	16.566	14.288	1.5	39.0	42.0	6 300	8 400	0.226	17119/17244
30.162	64.292	21.433	21.433	16.670	1.5	51.5	64.5	6 100	8 100	0.336	M86649/M86610
30.162	69.850	23.812	25.357	19.050	1.3	69.0	81.5	5 700	7 600	0.468	2558/2523
30.162	72.626	30.162	29.997	23.812	3.3	84.5	98.0	5 500	7 300	0.621	3187/3120
30.213	62.000	19.050	20.638	14.288	1.3	46.5	54.0	6 100	8 200	0.265	15118/15245
30.213	62.000	19.050	20.638	14.288	1.3	46.5	54.0	6 100	8 200	0.267	15119/15245
30.213	62.000	19.050	20.638	14.288	1.3	46.5	54.0	6 100	8 200	0.267	15120/15245
30.226	69.012	19.845	19.583	15.875	3.3	48.5	58.0	5 600	7 400	0.366	14116/14274
30.226	69.012	19.845	19.583	15.875	1.3	48.5	58.0	5 600	7 400	0.370	14116/14276
31.750	59.131	15.875	16.764	11.811	1.3	34.5	41.0	6 300	8 400	0.182	LM67048/LM67010
31.750	62.000	18.161	19.050	14.288	1.3	46.5	54.0	6 100	8 200	0.244	15123/15245
31.750	62.000	19.050	20.638	14.288	1.3	46.5	54.0	6 100	8 200	0.253	15125/15245
31.750	62.000	19.050	20.638	14.288	1.3	46.5	54.0	6 100	8 200	0.255	15126/15245
31.750	66.421	25.400	25.357	20.638	3.3	69.0	81.5	5 700	7 600	0.409	2580/2520
31.750	68.262	22.225	22.225	17.462	1.5	57.0	67.0	5 800	7 700	0.380	02475/02420
31.750	68.262	22.225	22.225	17.462	1.5	57.0	67.0	5 800	7 700	0.383	02476/02420
31.750	69.012	19.845	19.583	15.875	1.3	48.5	58.0	5 600	7 400	0.359	14124/14276
31.750	69.012	19.845	19.583	15.875	1.3	48.5	58.0	5 600	7 400	0.356	14125A/14276
31.750	69.850	23.812	25.357	19.050	1.3	69.0	81.5	5 700	7 600	0.454	2580/2523
31.750	69.850	23.812	25.357	19.050	1.3	69.0	81.5	5 700	7 600	0.451	2582/2523
31.750	72.626	30.162	29.997	23.812	3.3	84.5	98.0	5 500	7 300	0.603	3188/3120
31.750	72.626	30.162	29.997	23.812	3.3	84.5	98.0	5 500	7 300	0.601	3193/3120
31.750	73.025	22.225	22.225	17.462	3.3	56.5	68.0	5 300	7 000	0.451	02875/02820
31.750	73.025	22.225	23.812	17.462	3.3	62.5	75.5	5 200	7 000	0.465	2879/2820
31.750	73.025	29.370	27.783	23.020	3.3	72.0	97.0	5 400	7 100	0.622	HM88542/HM88510
31.750	73.812	29.370	27.783	23.020	3.3	72.0	97.0	5 400	7 100	0.638	HM88542/HM88512
31.750	76.200	29.370	28.575	23.020	3.3	78.0	105	5 100	6 800	0.686	HM89440/HM89410
31.750	79.375	29.370	29.771	23.812	3.3	93.0	114	4 900	6 600	0.767	3476/3420
33.338	68.262	22.225	22.225	17.462	1.5	56.5	71.0	5 700	7 500	0.378	M88048/M88010
33.338	69.012	19.845	19.583	15.875	1.3	48.5	58.0	5 600	7 400	0.344	14130/14276
33.338	69.850	23.812	25.357	19.050	1.3	69.0	81.5	5 700	7 600	0.435	2585/2523
33.338	72.626	30.162	29.997	23.812	3.3	84.5	98.0	5 500	7 300	0.581	3196/3120
33.338	73.025	29.370	27.783	23.020	3.3	72.0	97.0	5 400	7 100	0.604	HM88547/HM88510
33.338	76.200	23.812	25.654	19.050	3.3	73.0	90.5	5 100	6 800	0.551	2785/2720
33.338	76.200	29.370	28.575	23.020	3.3	78.0	105	5 100	6 800	0.668	HM89443/HM89410
33.338	76.200	29.370	28.575	23.020	3.3	78.0	105	5 100	6 800	0.665	HM89444/HM89410
33.338	79.375	25.400	24.074	17.462	1.5	65.5	67.0	5 200	6 900	0.568	43131/43312
34.925	65.088	18.034	18.288	13.970	1.3	46.5	56.0	5 700	7 600	0.249	LM48548/LM48510
34.925	65.088	18.034	18.288	13.970	1.3	46.5	56.0	5 700	7 600	0.252	LM48548A/LM48510
34.925	69.012	19.845	19.583	15.875	1.3	48.5	58.0	5 600	7 400	0.333	14137A/14276
34.925	72.233	25.400	25.400	19.842	2.3	65.0	84.5	5 400	7 200	0.489	HM88649/HM88610
34.925	72.238	20.638	20.638	15.875	1.3	48.0	58.5	5 300	7 000	0.385	16137/16284
34.925	73.025	22.225	22.225	17.462	3.3	56.5	68.0	5 300	7 000	0.422	02877/02820
34.925	73.025	22.225	22.225	17.462	3.3	56.5	68.0	5 300	7 000	0.425	02878/02820
34.925	73.025	22.225	23.812	17.462	3.3	62.5	75.5	5 200	7 000	0.434	2878/2820
34.925	73.025	23.812	24.608	19.050	2.3	71.0	85.0	5 300	7 100	0.471	25877/25820
34.925	73.025	23.812	24.608	19.050	0.8	71.0	85.0	5 300	7 100	0.474	25877/25821
34.925	73.025	23.812	25.654	19.050	0.8	73.0	90.5	5 100	6 800	0.485	2793/2735X
34.925	76.200	23.812	25.654	19.050	3.3	73.0	90.5	5 100	6 800	0.536	2793/2720
34.925	76.200	23.812	25.654	19.050	0.8	73.0	90.5	5 100	6 800	0.541	2793/2729
34.925	76.200	29.370	28.575	23.020	3.3	78.0	105.0	5 100	6 800	0.646	HM89446/HM89410

CATÁLOGO ROLAMENTOS

Dimensões Básicas (mm)						Capacidade de Carga Básica		Limite de Rotação		Massa	Especificação
d	D	T	B	C	r1a (max)	Dinam C	Estat Co	a graxa	a óleo	Peso	RBM
mm						KN		rpm		kg	Numero
34.925	76.200	29.370	28.575	23.812	3.3	80.5	97.0	5 100	6 800	0.625	31593/31520
34.925	76.200	29.370	28.575	23.812	3.3	80.5	97.0	5 100	6 800	0.627	31594/31520
34.925	79.375	29.370	29.771	23.812	3.3	93.0	114.0	4 900	6 600	0.725	3478/3420
34.925	80.167	29.370	30.391	23.812	3.3	95.0	112.0	4 800	6 400	0.732	3379/3320
34.925	85.725	30.162	30.162	23.812	3.3	105.0	132.0	4 500	6 000	0.897	3872/3820
34.976	69.012	19.845	19.583	15.875	1.3	48.5	58.0	5 600	7 400	0.333	14139/14276
34.988	59.974	15.875	16.764	11.938	1.3	35.5	47.5	6 100	8 100	0.179	L68149/L68111
34.988	61.973	16.700	17.000	13.600	1.5	37.0	48.0	5 900	7 900	0.209	LM78349A/LM78310A
34.988	61.973	18.000	17.000	15.000	1.5	37.0	48.0	5 900	7 900	0.218	LM78349/LM78310C
35.000	70.000	24.000	23.500	19.000	1.5	62.0	78.0	5 500	7 300	0.420	JS3549A/JS3510
35.000	79.375	23.812	25.400	19.050	0.8	76.5	97.5	4 800	6 400	0.610	26883/26822
35.000	80.000	21.000	22.403	17.826	1.3	68.0	75.0	4 700	6 300	0.534	339/332
35.717	72.233	25.400	25.400	19.842	2.3	65.0	84.5	5 400	7 200	0.478	HM88648/HM88610
35.717	72.626	25.400	25.400	19.842	3.3	65.0	84.5	5 400	7 200	0.482	HM88648/HM88611AS
36.487	73.025	23.812	24.608	19.050	0.8	71.0	85.0	5 300	7 100	0.457	25880/25821
36.487	76.200	23.812	25.654	19.050	3.3	73.0	90.5	5 100	6 800	0.518	2780/2720
36.512	76.200	29.370	28.575	23.020	3.3	78.0	105.0	5 100	6 800	0.629	HM89448/HM89410
36.512	76.200	29.370	28.575	23.020	0.8	78.0	105.0	5 100	6 800	0.631	HM89449/HM89411
36.512	76.200	29.370	28.575	23.812	3.3	80.5	97.0	5 100	6 800	0.605	31597/31520
36.512	79.375	29.370	28.829	22.664	3.3	86.5	104.0	5 000	6 600	0.686	HM89249/HM89210
36.512	79.375	29.370	29.771	23.812	3.3	93.0	114.0	4 900	6 600	0.707	3479/3420
36.512	88.500	25.400	23.698	17.462	1.5	70.5	78.0	4 000	5 300	0.729	44143/44348
38.000	63.000	17.000	17.000	13.500	1.3	38.5	52.5	5 700	7 600	0.198	JL69349/JL69310
38.100	63.500	12.700	11.908	9.525	0.8	25.9	33.5	5 500	7 300	0.147	13889/13830
38.100	65.088	18.034	18.288	13.970	1.3	43.5	57.0	5 500	7 400	0.233	LM29748/LM29710
38.100	69.012	19.050	19.050	15.083	2.3	47.5	59.5	5 300	7 100	0.293	13685/13621
38.100	69.012	19.050	19.050	15.083	2.3	47.5	59.5	5 300	7 100	0.296	13687/13621
38.100	71.438	15.875	16.520	11.908	1.0	43.5	51.0	5 400	7 200	0.273	19150/19281
38.100	72.000	19.000	20.638	14.237	1.5	48.0	58.5	5 300	7 000	0.331	16150/16282
38.100	76.200	20.638	20.940	15.507	1.3	55.5	63.0	5 000	6 700	0.405	28150/28300
38.100	76.200	23.812	25.654	19.050	3.3	73.0	90.5	5 100	6 800	0.495	2776/2720
38.100	76.200	23.812	25.654	19.050	3.3	73.0	90.5	5 100	6 800	0.497	2788/2720
38.100	79.375	23.812	25.400	19.050	0.8	76.5	97.5	4 800	6 400	0.574	26878/26822
38.100	79.375	29.370	29.771	23.812	3.3	93.0	114.0	4 900	6 600	0.683	3490/3420
38.100	80.000	21.006	20.940	15.875	1.5	55.5	63.0	5 000	6 700	0.467	28150/28315
38.100	80.035	24.608	23.698	18.512	1.5	67.0	82.5	4 800	6 400	0.562	27880/27820
38.100	82.550	29.370	28.575	23.020	3.3	87.0	117.0	4 700	6 200	0.767	HM801346/HM801310
38.100	82.931	23.812	25.400	19.050	0.8	76.0	98.0	4 500	6 000	0.645	25572/25520
38.100	85.725	30.162	30.162	23.812	3.3	105.0	132.0	4 500	6 000	0.857	3875/3820
38.100	87.312	30.162	30.886	23.812	3.3	94.0	117.0	4 400	5 900	0.881	3580/3525
38.100	88.500	25.400	23.698	17.462	1.5	70.5	78.0	4 000	5 300	0.711	44150/44348
38.100	88.500	26.988	29.083	22.225	1.5	95.5	107.0	4 600	6 100	0.840	418/414
39.688	76.200	23.812	25.654	19.050	3.3	73.0	90.5	5 100	6 800	0.477	2789/2720
39.688	77.534	29.370	30.391	23.812	3.3	95.0	112.0	4 800	6 400	0.669	3382/3321
39.688	79.375	23.812	25.400	19.050	0.8	76.5	97.5	4 800	6 400	0.554	26880/26822
39.688	80.035	29.370	30.391	23.812	1.5	95.0	112.0	4 800	6 400	0.666	3382/3339
39.688	80.167	29.370	30.391	23.812	3.3	95.0	112.0	4 800	6 400	0.668	3386/3320
39.688	88.500	25.400	23.698	17.462	1.5	70.5	78.0	4 000	5 300	0.691	44158/44348
40.000	76.200	20.638	20.940	15.507	1.3	55.5	63.0	5 000	6 700	0.386	28158/28300
40.000	80.000	21.000	22.403	17.826	1.3	68.0	75.0	4 700	6 300	0.479	344/332
40.000	85.000	20.638	21.692	17.462	1.3	69.5	79.5	4 400	5 800	0.562	350A/354A
40.000	88.500	26.988	29.083	22.225	1.5	95.5	107.0	4 600	6 100	0.813	420/414
40.000	107.950	36.512	36.957	28.575	3.3	141.0	177.0	3 600	4 800	1.770	543/532X
40.483	82.550	29.370	28.575	23.020	3.3	87.0	117.0	4 700	6 200	0.731	HM801349/HM801310
40.988	67.975	17.500	18.000	13.500	1.5	46.0	62.5	5 300	7 000	0.239	LM300849/LM300811
41.275	73.025	16.667	17.462	12.700	1.5	46.0	55.5	5 000	6 600	0.281	18590/18520
41.275	73.431	19.558	19.812	14.732	0.8	56.0	69.5	5 000	6 600	0.335	LM501349/LM501310
41.275	73.431	21.430	19.812	16.604	0.8	56.0	69.5	5 000	6 600	0.355	LM501349/LM501314
41.275	76.200	18.009	17.384	14.288	1.5	42.5	51.5	4 900	6 500	0.337	11162/11300
41.275	76.200	22.225	23.020	17.462	0.8	65.0	80.5	4 900	6 500	0.432	24780/24720
41.275	76.200	25.400	25.400	20.638	1.5	76.5	97.5	4 800	6 400	0.488	26882/26823
41.275	79.375	23.812	25.400	19.050	0.8	76.5	97.5	4 800	6 400	0.535	26885/26822
41.275	80.000	18.009	17.384	14.288	1.5	42.5	51.5	4 900	6 500	0.389	11162/11315
41.275	80.000	21.000	22.403	17.826	1.3	68.0	75.0	4 700	6 300	0.468	336/332
41.275	80.000	23.812	25.400	19.050	1.3	76.5	97.5	4 800	6 400	0.542	26882/26824
41.275	82.550	26.543	25.654	20.193	3.3	80.5	104.0	4 600	6 100	0.642	M802048/M802011
41.275	85.725	30.162	30.162	23.812	3.3	105.0	132.0	4 500	6 000	0.810	3880/3820
41.275	87.312	30.162	30.886	23.812	3.3	94.0	117.0	4 400	5 900	0.834	3576/3525

CATÁLOGO ROLAMENTOS

Dimensões Básicas (mm)						Capacidade de Carga Básica		Limite de Rotação		Massa	Especificação
d	D	T	B	C	r1a (max)	Dinam C	Estat Co	a graxa	a óleo	Peso	RBM
mm						KN		rpm		kg	Numero
41.275	88.900	30.162	29.370	23.020	3.3	93.5	125.0	4 300	5 800	0.901	HM803145/HM803110
41.275	90.488	39.688	40.386	33.338	3.3	136.0	175.0	4 300	5 800	1.250	4388/4335
41.275	92.075	26.195	23.812	16.670	1.5	72.5	81.5	3 800	5 000	0.758	M903345/M903310
41.275	93.662	31.750	31.750	26.195	3.3	104.0	131.0	4 100	5 500	1.090	46162/46368
41.275	95.250	30.162	29.370	23.020	3.3	109.0	147.0	4 000	5 300	1.080	HM804840/HM804810
41.275	95.250	30.958	28.300	20.638	0.8	82.5	92.0	3 700	5 000	0.975	53162/53375
41.275	95.250	30.958	28.575	22.225	0.8	96.0	116.0	3 700	4 900	1.050	HM903245/HM903210
42.070	90.488	39.688	40.386	33.338	3.3	136.0	175.0	4 300	5 800	1.240	4395/4335
42.862	82.550	26.195	26.988	20.638	3.3	75.5	97.0	4 600	6 100	0.617	22780/22720
42.862	82.931	23.812	25.400	19.050	0.8	76.0	98.0	4 500	6 000	0.584	25578/25520
42.862	87.312	30.162	30.886	23.812	3.3	94.0	117.0	4 400	5 900	0.805	3579/3525
42.875	79.375	23.812	25.400	19.050	0.8	76.5	97.5	4 800	6 400	0.510	26884/26822
42.875	82.931	23.812	25.400	19.050	0.8	76.0	98.0	4 500	6 000	0.581	25577/25520
44.450	76.992	17.462	17.145	11.908	1.5	44.0	54.0	4 700	6 300	0.308	12175/12303
44.450	79.375	17.462	17.462	13.495	1.5	45.5	56.0	4 600	6 200	0.345	18685/18620
44.450	82.931	23.812	25.400	19.050	0.8	76.0	98.0	4 500	6 000	0.560	25580/25520
44.450	82.931	23.812	25.400	19.050	0.8	76.0	98.0	4 500	6 000	0.556	25582/25520
44.450	84.138	30.162	30.886	23.812	3.3	94.0	117.0	4 400	5 900	0.699	3578/3520
44.450	85.000	20.638	21.692	17.462	1.3	69.5	79.5	4 400	5 800	0.511	355/354A
44.450	87.312	30.162	30.886	23.812	3.3	94.0	117.0	4 400	5 900	0.779	3578/3525
44.450	88.900	30.162	29.370	23.020	3.3	93.5	125.0	4 300	5 800	0.849	HM803149/HM803110
44.450	93.264	30.162	30.302	23.812	3.3	102.0	134.0	4 000	5 300	0.961	3782/3720
44.450	93.662	31.750	31.750	26.195	3.3	103.0	131.0	4 100	5 500	1.040	46175/46368
44.450	95.250	27.783	28.575	22.225	2.3	107.0	139.0	3 900	5 200	0.987	33885/33821
44.450	95.250	27.783	29.900	22.225	2.3	108.0	129.0	4 200	5 600	0.953	438/432
44.450	95.250	30.162	29.370	23.020	3.3	109.0	147.0	4 000	5 300	1.040	HM804842/HM804810
44.450	95.250	30.958	28.300	20.638	0.8	82.5	92.0	3 700	5 000	0.925	53177/53375
44.450	95.250	30.958	28.575	22.225	0.8	96.0	116.0	3 700	4 900	1.000	HM903249/HM903210
44.450	101.600	34.925	36.068	26.988	3.3	135.0	165.0	3 800	5 000	1.370	527/522
44.450	104.775	30.162	29.317	24.605	3.3	115.0	148.0	3 500	4 700	1.290	460/453X
44.450	104.775	30.162	30.958	23.812	3.3	130.0	169.0	3 500	4 700	1.350	45280/45220
44.450	104.775	36.512	36.512	28.575	3.3	138.0	189.0	3 600	4 800	1.620	HM807040/HM807010
44.450	111.125	30.162	26.909	20.638	3.3	104.0	136.0	3 200	4 200	1.450	55175C/55437
44.450	111.125	30.162	26.909	20.638	3.3	104.0	136.0	3 200	4 200	1.090	55176C/55437
44.450	127.000	50.800	52.388	41.275	3.3	250.0	320.0	3 200	4 300	3.580	6277/6220
44.983	82.931	23.812	25.400	19.050	0.8	76.0	98.0	4 500	6 000	0.555	25584/25520
44.983	93.264	30.162	30.302	23.812	3.3	102.0	134.0	4 000	5 300	0.952	3776/3720
45.000	85.000	20.638	21.692	17.462	1.3	69.5	79.5	4 400	5 800	0.505	358/354A
45.000	88.900	20.638	22.225	16.513	1.3	76.5	90.5	4 100	5 500	0.595	367/362A
45.237	87.312	30.162	30.886	23.812	3.3	94.0	117.0	4 400	5 900	0.765	3586/3525
45.242	73.431	19.558	19.812	15.748	0.8	54.0	76.0	4 800	6 400	0.307	LM102949/LM102910
45.242	77.788	19.842	19.842	15.080	0.8	57.5	73.5	4 600	6 200	0.372	LM603049/LM603011
45.618	82.550	23.812	25.400	19.050	2.0	76.0	98.0	4 500	6 000	0.534	25590/25519
45.618	82.931	23.812	25.400	19.050	0.8	76.0	98.0	4 500	6 000	0.543	25590/25520
45.618	83.058	23.876	25.400	19.114	2.0	76.0	98.0	4 500	6 000	0.545	25590/25522
45.618	82.931	26.988	25.400	22.225	3.6	78.5	98.0	4 500	6 000	0.585	25590/25523
45.618	85.000	23.812	25.400	19.050	2.3	76.0	98.0	4 500	6 000	0.581	25590/25526
45.987	74.976	18.000	18.000	14.000	1.5	51.0	71.0	4 700	6 300	0.296	LM503349A/LM503310
46.038	79.375	17.462	17.462	13.495	1.5	45.5	56.0	4 600	6 200	0.329	18690/18620
46.038	82.931	23.812	25.400	19.050	0.8	76.0	98.0	4 500	6 000	0.538	25592/25520
46.038	85.000	20.638	21.692	17.462	1.3	69.5	79.5	4 400	5 800	0.489	359A/354A
46.038	85.000	25.400	25.608	20.638	1.3	79.0	104.0	4 400	5 800	0.615	2984/2924
46.038	90.119	23.000	21.692	21.808	2.3	69.5	79.5	4 400	5 800	0.651	3595/352
46.038	93.264	30.162	30.302	23.812	3.3	102.0	134.0	4 000	5 300	0.934	3777/3720
46.038	95.250	27.783	29.900	22.225	2.3	108.0	129.0	4 200	5 600	0.927	436/432
47.625	88.900	20.638	22.225	16.513	1.3	76.5	90.5	4 100	5 500	0.559	369A/362A
47.625	88.900	25.400	25.400	19.050	3.3	82.0	101.0	4 200	5 600	0.662	M804048/M804010
47.625	93.264	30.162	30.302	23.812	3.3	102.0	134.0	4 000	5 300	0.898	3778/3720
47.625	95.250	30.162	29.370	23.020	3.3	109.0	147.0	4 000	5 300	0.978	HM804846/HM804810
47.625	96.838	21.000	21.946	15.875	0.8	78.0	96.5	3 700	5 000	0.720	386A/382A
47.625	101.600	34.925	36.068	26.988	3.3	135.0	165.0	3 800	5 000	1.300	528/522
47.625	104.775	30.162	29.317	24.605	3.3	115.0	148.0	3 500	4 700	1.240	463/453X
47.625	104.775	30.162	30.958	23.812	3.3	130.0	169.0	3 500	4 700	1.290	45282/45220
47.625	111.125	30.162	26.909	20.638	3.3	104.0	136.0	3 200	4 200	1.400	55187C/55437
47.625	123.825	36.512	32.791	25.400	3.3	154.0	188.0	2 900	3 900	2.160	72188C/72487
48.412	95.250	30.162	29.370	23.020	3.3	109.0	147.0	4 000	5 300	0.967	HM804848/HM804810
48.412	95.250	30.162	29.370	23.020	3.3	109.0	147.0	4 000	5 300	0.964	HM804849/HM804810
49.212	93.264	30.162	30.302	23.812	3.3	102.0	134.0	4 000	5 300	0.877	3781/3720
49.212	103.188	43.658	44.475	36.512	3.3	174.0	232.0	3 800	5 000	1.750	5395/5335

CATÁLOGO ROLAMENTOS

Dimensões Básicas (mm)						Capacidade de Carga Básica		Limite de Rotação		Massa	Especificação
d	D	T	B	C	r1a (max)	Dinam C	Estat Co	a graxa	a óleo	Peso	RBM
mm						KN		rpm		kg	Numero
49.212	104.775	36.512	36.512	28.575	3.3	138.0	189.0	3 600	4 800	1.520	HM807044/HM807010
49.212	114.300	44.450	44.450	34.925	3.3	186.0	225.0	3 600	4 800	2.230	65390/65320
49.212	114.300	44.450	44.450	36.068	3.3	203.0	261.0	3 500	4 700	2.330	HH506348/HH506310
49.987	82.550	21.590	22.225	16.510	1.3	69.5	94.0	4 300	5 700	0.434	LM104947A/LM104911
49.987	92.075	24.608	25.400	19.845	0.8	83.5	116.0	4 000	5 300	0.718	28579/28521
49.987	114.300	44.450	44.450	36.068	3.3	203.0	261.0	3 500	4 700	2.270	HH506349/HH506310
50.000	82.000	21.500	21.500	17.000	0.5	69.5	94.0	4 300	5 700	0.420	JLM104948/JLM104910
50.000	84.000	22.000	22.000	17.500	1.5	69.5	94.5	4 300	5 700	0.466	JLM704649/JLM704610
50.000	88.900	20.638	22.225	16.513	1.3	76.5	90.5	4 100	5 500	0.530	365/362A
50.000	88.900	20.638	22.225	16.513	1.3	76.5	90.5	4 100	5 500	0.529	366/362A
50.000	90.000	28.000	28.000	23.000	2.5	106.0	141.0	4 100	5 400	0.752	JM205149/JM205110
50.000	105.000	37.000	36.000	29.000	2.5	138.0	189.0	3 600	4 800	1.520	JHM807045/JHM807012
50.000	110.000	22.000	21.996	18.824	1.3	89.5	120.0	3 200	4 300	1.060	396/394A
50.800	82.550	21.590	22.225	16.510	1.3	69.5	94.0	4 300	5 700	0.419	LM104949/LM104911
50.800	85.000	17.462	17.462	13.495	1.5	49.5	65.0	4 200	5 600	0.374	18790/18720
50.800	88.900	17.462	17.462	13.495	1.3	49.5	65.0	4 200	5 600	0.431	18790/18724
50.800	88.900	20.638	22.225	16.513	1.3	76.5	90.5	4 100	5 500	0.519	368/362A
50.800	88.900	20.638	22.225	16.513	1.3	76.5	90.5	4 100	5 500	0.511	370A/362A
50.800	90.000	20.000	22.225	15.875	2.0	76.5	90.5	4 100	5 500	0.525	368A/362
50.800	92.075	24.608	25.400	19.845	0.8	83.5	116.0	4 000	5 300	0.703	28580/28521
50.800	93.264	30.162	30.302	23.812	3.3	102.0	134.0	4 000	5 300	0.852	3775/3720
50.800	93.264	30.162	30.302	23.812	3.3	102.0	134.0	4 000	5 300	0.848	3780/3720
50.800	95.250	27.783	28.575	22.225	2.3	107.0	139.0	3 900	5 200	0.876	33889/33821
50.800	95.250	30.162	30.302	23.812	3.3	102.0	134.0	4 000	5 300	0.903	3780/3726
50.800	96.838	21.000	21.946	15.875	0.8	78.0	96.5	3 700	5 000	0.676	385A/382A
50.800	97.630	24.608	24.608	19.446	0.8	88.5	128.0	3 700	4 900	0.852	28678/28622
50.800	98.425	30.162	30.302	23.812	3.3	102.0	134.0	4 000	5 300	0.993	3780/3732
50.800	101.600	31.750	31.750	25.400	3.3	110.0	136.0	3 700	5 000	1.130	49585/49520
50.800	101.600	34.925	36.068	26.988	3.3	135.0	165.0	3 800	5 000	1.240	529/522
50.800	104.775	30.162	29.317	24.605	3.3	115.0	148.0	3 500	4 700	1.190	455/453X
50.800	104.775	30.162	30.958	23.812	3.3	130.0	169.0	3 500	4 700	1.220	45284/45220
50.800	104.775	36.512	36.512	28.575	3.3	138.0	189.0	3 600	4 800	1.490	HM807046/HM807010
50.800	104.775	36.512	36.512	28.575	3.3	143.0	178.0	3 700	4 900	1.440	59200/59412
50.800	107.950	36.512	36.957	28.575	3.3	141.0	177.0	3 600	4 800	1.550	537/532X
50.800	111.125	30.162	28.575	20.638	3.3	104.0	136.0	3 200	4 200	1.360	HM907643/HM907614
50.800	112.712	30.162	26.909	20.638	3.3	104.0	136.0	3 200	4 200	1.340	55200C/55443
50.800	112.712	30.162	30.048	23.812	3.3	119.0	174.0	3 200	4 300	1.530	3975/3920
50.800	112.712	30.162	30.162	23.812	3.3	138.0	195.0	3 200	4 200	1.540	39575/39520
50.800	117.475	33.338	31.750	23.812	3.3	130.0	153.0	3 300	4 400	1.670	66200/66462
50.800	120.650	41.275	41.275	31.750	3.3	172.0	213.0	3 300	4 400	2.300	619/612
50.800	123.825	36.512	32.791	25.400	3.3	154.0	188.0	2 900	3 900	2.100	72200C/72487
50.800	123.825	38.100	36.678	30.162	3.3	158.0	216.0	3 000	4 100	2.340	555/552A
51.592	88.900	20.638	22.225	16.513	1.3	76.5	90.5	4 100	5 500	0.507	368S/362A
52.388	92.075	24.608	25.400	19.845	0.8	83.5	116.0	4 000	5 300	0.677	28584/28521
52.388	93.264	30.162	30.302	23.812	3.3	102.0	134.0	4 000	5 300	0.819	3767/3720
52.388	95.250	27.783	28.575	22.225	2.3	107.0	139.0	3 900	5 200	0.851	33890/33821
53.975	88.900	19.050	19.050	13.492	2.0	61.0	82.5	4 000	5 300	0.437	LM806649/LM806610
53.975	95.250	27.783	28.575	22.225	0.8	107.0	139.0	3 900	5 200	0.824	33895/33822
53.975	96.838	21.000	21.946	15.875	0.8	78.0	96.5	3 700	5 000	0.633	389A/382A
53.975	104.775	30.162	30.958	23.812	3.3	130.0	169.0	3 500	4 700	1.170	45287/45220
53.975	104.775	36.512	36.512	28.575	3.3	138.0	189.0	3 600	4 800	1.410	HM807049/HM807010
53.975	107.950	36.512	36.957	28.575	3.3	141.0	177.0	3 600	4 800	1.470	539/532X
53.975	120.650	41.275	41.275	31.750	3.3	172.0	213.0	3 300	4 400	2.210	621/612
53.975	122.238	33.338	31.750	23.812	3.3	134.0	163.0	3 100	4 200	1.790	66584/66520
53.975	122.238	43.658	43.764	36.512	3.3	194.0	283.0	3 100	4 100	2.640	5578/5535
53.975	123.825	36.512	32.791	25.400	3.3	154.0	188.0	2 900	3 900	2.030	72212C/72487
53.975	123.825	38.100	36.678	30.162	3.3	158.0	216.0	3 000	4 100	2.260	557S/552A
53.975	130.175	36.512	33.338	23.812	3.3	156.0	186.0	2 700	3 600	2.270	HM911242/HM911210
53.975	140.030	36.512	33.236	23.520	2.3	171.0	212.0	2 600	3 400	2.770	78214C/78551
54.488	104.775	36.512	36.512	28.575	3.3	138.0	189.0	3 600	4 800	1.400	HM807048/HM807010
55.000	90.000	23.000	23.000	18.500	0.5	77.5	109.0	3 900	5 300	0.558	JLM506849/JLM506810
55.000	95.000	29.000	29.000	23.500	2.5	107.0	144.0	3 800	5 100	0.820	JM207049/JM207010
55.000	96.838	21.000	21.946	15.875	0.8	78.0	96.5	3 700	5 000	0.616	385/382A
55.000	110.000	39.000	39.000	32.000	2.5	173.0	219.0	3 500	4 600	1.710	JH307749/JH307710
55.562	97.630	24.608	24.608	19.446	0.8	88.5	128.0	3 700	4 900	0.774	28680/28622
55.562	123.825	36.512	32.791	25.400	3.3	154.0	188.0	2 900	3 900	1.990	72218C/72487
55.562	127.000	36.512	36.512	26.988	3.3	163.0	228.0	2 900	3 800	2.340	HM813840/HM813810
55.575	96.838	21.000	21.946	15.875	0.8	78.0	96.5	3 700	5 000	0.608	389/382A

CATÁLOGO ROLAMENTOS

Dimensões Básicas (mm)						Capacidade de Carga Básica		Limite de Rotação		Massa	Especificação
d	D	T	B	C	r1a (max)	Dinam C	Estat Co	a graxa	a óleo	Peso	RBM
mm						KN		rpm		kg	Numero
57.150	96.838	21.000	21.946	15.875	0.8	78.0	96.5	3 700	5 000	0.583	387/382A
57.150	96.838	21.000	21.946	15.875	0.8	78.0	96.5	3 700	5 000	0.581	387A/382A
57.150	96.838	21.000	21.946	15.875	0.8	78.0	96.5	3 700	5 000	0.576	387AS/382A
57.150	96.838	21.000	21.946	15.875	0.8	78.0	96.5	3 700	5 000	0.585	387S/382A
57.150	97.630	24.608	24.608	19.446	0.8	88.5	128.0	3 700	4 900	0.747	28682/28622
57.150	104.775	30.162	29.317	24.605	3.3	115.0	148.0	3 500	4 700	1.060	462/453X
57.150	104.775	30.162	29.317	24.605	3.3	115.0	148.0	3 500	4 700	1.060	469/453X
57.150	104.775	30.162	30.958	23.812	3.3	130.0	169.0	3 500	4 700	1.100	45289/45220
57.150	107.950	27.783	29.317	22.225	0.8	115.0	148.0	3 500	4 700	1.110	469/453A
57.150	110.000	22.000	21.996	18.824	1.3	89.5	120.0	3 200	4 300	0.954	390/394A
57.150	110.000	27.795	29.317	27.000	2.0	115.0	148.0	3 500	4 700	1.240	469/454
57.150	112.712	30.162	30.048	23.812	3.3	119.0	174.0	3 200	4 300	1.400	3979/3920
57.150	112.712	30.162	30.162	23.812	3.3	138.0	195.0	3 200	4 200	1.410	39580/39520
57.150	112.712	30.162	30.162	23.812	3.3	138.0	195.0	3 200	4 200	1.400	39581/39520
57.150	117.475	30.162	30.162	23.812	3.3	117.0	175.0	3 000	4 000	1.580	33225/33462
57.150	117.475	33.338	31.750	23.812	3.3	130.0	153.0	3 300	4 400	1.540	66225/66462
57.150	120.650	41.275	41.275	31.750	3.3	172.0	213.0	3 300	4 400	2.120	623/612
57.150	123.825	36.512	32.791	25.400	3.3	154.0	188.0	2 900	3 900	1.960	72225C/72487
57.150	123.825	38.100	36.678	30.162	3.3	158.0	216.0	3 000	4 100	2.180	555S/552A
57.150	140.030	36.512	33.236	23.520	2.3	171.0	212.0	2 600	3 400	2.690	78225/78551
57.531	96.838	21.000	21.946	15.875	0.8	78.0	96.5	3 700	5 000	0.575	388A/382A
59.972	122.238	33.338	31.750	23.812	3.3	134.0	163.0	3 100	4 200	1.660	66589/66520
59.987	146.050	41.275	39.688	25.400	3.3	199.0	234.0	2 400	3 200	3.220	H913840/H913810
60.000	95.000	24.000	24.000	19.000	2.5	83.0	122.0	3 700	4 900	0.606	JLM508748/JLM508710
60.000	107.950	25.400	25.400	19.050	3.3	91.5	140.0	9 350	4 300	0.992	29580/29520
60.000	110.000	22.000	21.996	18.824	1.3	89.5	120.0	3 200	4 300	0.910	397/394A
60.000	130.000	34.100	30.924	22.650	3.3	156.0	186.0	2 700	3 600	2.010	JHM911244/JHM911211
60.325	100.000	25.400	25.400	19.845	3.3	90.5	134.0	3 500	4 700	0.772	28985/28921
60.325	112.712	30.162	30.048	23.812	3.3	119.0	174.0	3 200	4 300	1.330	3980/3920
60.325	122.238	38.100	38.354	29.718	3.3	187.0	244.0	3 100	4 100	2.020	HM212044/HM212011
60.325	122.238	43.658	43.764	36.512	3.3	194.0	283.0	3 100	4 100	2.440	5583/5535
60.325	123.825	38.100	36.678	30.162	3.3	158.0	216.0	3 000	4 100	2.100	558/552A
60.325	127.000	36.512	36.512	26.988	3.3	163.0	228.0	2 900	3 800	2.210	HM813841/HM813810
60.325	127.000	44.450	44.450	34.925	3.3	203.0	263.0	3 100	4 200	2.650	65237/65500
60.325	130.175	36.512	33.338	23.812	3.3	156.0	186.0	2 700	3 600	2.120	HM911245/HM911210
61.912	110.000	22.000	21.996	18.824	1.3	89.5	120.0	3 200	4 300	0.879	392/394A
61.912	136.525	46.038	46.038	36.512	3.3	224.0	355.0	2 600	3 500	3.470	H715334/H715311
61.912	146.050	41.275	39.688	25.400	3.3	199.0	234.0	2 400	3 200	3.170	H913842/H913810
61.976	101.600	24.608	24.608	19.845	3.3	90.5	134.0	3 500	4 700	0.768	28990/28920
62.738	101.600	25.400	25.400	19.845	3.3	90.5	134.0	3 500	4 700	0.764	28995/28920
63.500	94.458	19.050	19.050	15.083	1.5	60.5	103.0	3 600	4 800	0.449	L610549/L610510
63.500	107.950	25.400	25.400	19.050	3.3	91.5	140.0	3 200	4 300	0.924	29585/29520
63.500	107.950	25.400	25.400	19.050	3.3	91.5	140.0	3 200	4 300	0.929	29586/29520
63.500	110.000	22.000	21.996	18.824	1.3	89.5	120.0	3 200	4 300	0.851	390A/394A
63.500	110.000	25.400	25.400	19.050	1.3	91.5	140.0	3 200	4 300	0.982	29585/29521
63.500	112.712	30.162	30.048	23.812	3.3	119.0	174.0	3 200	4 300	1.260	3982/3920
63.500	112.712	30.162	30.162	23.812	3.3	138.0	195.0	3 200	4 200	1.270	39585/39520
63.500	120.000	29.794	29.007	24.237	2.0	128.0	177.0	3 000	4 000	1.490	477/472
63.500	120.000	29.794	29.007	24.237	2.0	128.0	177.0	3 000	4 000	1.480	483/472
63.500	122.238	38.100	38.354	29.718	3.3	187.0	244.0	3 100	4 100	1.950	HM212046/HM212011
63.500	122.238	43.658	43.764	36.512	3.3	194.0	283.0	3 100	4 100	2.340	5584/5535
63.500	123.825	38.100	36.678	30.162	3.3	158.0	216.0	3 000	4 100	2.010	559/552A
63.500	127.000	36.512	36.170	28.575	3.3	163.0	229.0	2 900	3 800	2.110	565/563
63.500	127.000	36.512	36.512	26.988	3.3	163.0	228.0	2 900	3 800	2.120	HM813842/HM813810
63.500	136.525	41.275	41.275	31.750	3.3	194.0	262.0	2 800	3 800	2.850	639/632
63.500	140.030	36.512	33.236	23.520	2.3	171.0	212.0	2 600	3 400	2.540	78250/78551
65.000	105.000	24.000	23.000	18.500	1.0	85.0	117.0	3 300	4 500	0.742	JLM710949/JLM710910
65.000	110.000	28.000	28.000	22.500	2.5	119.0	174.0	3 200	4 300	1.080	JM511946/JM511910
65.000	120.000	39.000	38.500	32.000	2.5	185.0	248.0	3 100	4 100	1.900	JH211749/JH211710
65.088	135.755	53.975	56.007	44.450	3.3	278.0	380.0	2 900	3 800	3.710	6379/6320
66.675	103.213	17.602	17.602	11.989	0.8	60.0	78.0	3 300	4 400	0.480	L812148/L812111
66.675	107.950	25.400	25.400	19.050	3.3	91.5	140.0	3 200	4 300	0.860	29590/29520
66.675	110.000	22.000	21.996	18.824	1.3	89.5	120.0	3 200	4 300	0.796	395A/394A
66.675	112.712	30.162	30.048	23.812	0.8	119.0	174.0	3 200	4 300	1.190	3984/3925
66.675	112.712	30.162	30.048	23.812	3.3	119.0	174.0	3 200	4 300	1.180	3994/3920
66.675	112.712	30.162	30.162	23.812	3.3	138.0	195.0	3 200	4 200	1.190	39590/39520
66.675	122.238	38.100	38.354	29.718	1.5	187.0	244.0	3 100	4 100	1.860	HM212049/HM212010
66.675	123.825	38.100	36.678	30.162	3.3	158.0	216.0	3 000	4 100	1.920	560/552A

CATÁLOGO ROLAMENTOS

Dimensões Básicas (mm)						Capacidade de Carga Básica		Limite de Rotação		Massa	Especificação
d	D	T	B	C	r1a (max)	Dinam C	Estat Co	a graxa	a óleo	Peso	RBM
mm						KN		rpm		kg	Numero
66.675	127.000	36.512	36.512	26.988	3.3	163.0	228.0	2 900	3 800	2.030	HM813844/HM813810
66.675	130.175	41.275	41.275	31.750	3.3	194.0	262.0	2 800	3 800	2.410	641/633
66.675	135.755	53.975	56.007	44.450	3.3	278.0	380.0	2 900	3 800	3.640	6386/6320
66.675	136.525	41.275	41.275	31.750	3.3	194.0	262.0	2 800	3 800	2.740	641/632
66.675	136.525	41.275	41.275	31.750	3.3	226.0	293.0	2 700	3 700	2.750	H414242/H414210
68.262	110.000	22.000	21.996	18.824	1.3	89.5	120.0	3 200	4 300	0.764	399A/394A
68.262	120.000	29.794	29.007	24.237	2.0	128.0	177.0	3 000	4 000	1.370	480/472
68.262	123.825	38.100	36.678	30.162	3.3	158.0	216.0	3 000	4 100	1.870	560S/552A
68.262	136.525	41.275	41.275	31.750	3.3	226.0	293.0	2 700	3 700	2.700	H414245/H414210
68.262	136.525	46.038	46.038	36.512	3.3	224.0	355.0	2 600	3 500	3.240	H715343/H715311
69.850	112.712	25.400	25.400	19.050	3.3	95.5	151.0	3 100	4 100	0.949	29675/29620
69.850	117.475	30.162	30.162	23.812	3.3	117.0	175.0	3 000	4 000	1.280	33275/33462
69.850	120.000	29.794	29.007	24.237	2.0	128.0	177.0	3 000	4 000	1.330	482/472
69.850	120.000	32.545	32.545	26.195	3.3	147.0	214.0	3 000	4 000	1.470	47487/47420
69.850	120.650	25.400	25.400	19.050	3.3	95.5	151.0	3 100	4 100	1.170	29675/29630
69.850	127.000	36.512	36.170	28.575	3.3	163.0	229.0	2 900	3 800	1.920	566/563
69.850	136.525	41.275	41.275	31.750	3.3	194.0	262.0	2 800	3 800	2.630	643/632
69.850	146.050	41.275	41.275	31.750	3.3	206.0	295.0	2 500	3 300	3.280	655/653
69.850	150.089	44.450	46.672	36.512	3.3	261.0	360.0	2 400	3 200	3.920	745A/742
69.850	168.275	53.975	56.363	41.275	3.3	340.0	460.0	2 200	3 000	6.130	835/832
69.952	121.442	24.608	23.012	17.462	2.0	91.0	127.0	2 900	3 800	1.110	34274/34478
70.000	110.000	26.000	25.000	20.500	2.5	97.0	150.0	3 200	4 200	0.889	JLM813049/JLM813010
70.000	115.000	29.000	29.000	23.000	2.5	124.0	171.0	3 100	4 100	1.130	JM612949/JM612910
70.000	120.000	29.794	29.007	24.237	2.0	128.0	177.0	3 000	4 000	1.330	484/472
70.000	150.000	41.275	39.688	25.400	3.3	199.0	234.0	2 400	3 200	3.080	JH913848/JH913811
71.438	117.475	30.162	30.162	23.812	3.3	117.0	175.0	3 000	4 000	1.240	33281/33462
71.438	120.000	32.545	32.545	26.195	3.3	147.0	214.0	3 000	4 000	1.420	47490/47420
71.438	127.000	36.512	36.170	28.575	3.3	163.0	229.0	2 900	3 800	1.870	567A/563
71.438	136.525	41.275	41.275	31.750	3.3	194.0	262.0	2 800	3 800	2.570	644/632
73.025	117.475	30.162	30.162	23.812	3.3	117.0	175.0	3 000	4 000	1.190	33287/33462
73.025	127.000	36.512	36.170	28.575	3.3	163.0	229.0	2 900	3 800	1.820	567/563
73.025	139.992	36.512	36.098	28.575	3.3	178.0	265.0	2 600	3 400	2.530	576/572
73.025	149.225	53.975	54.229	44.450	3.3	287.0	410.0	2 500	3 400	4.420	6460/6420
73.025	150.089	44.450	46.672	36.512	3.3	261.0	360.0	2 400	3 200	3.790	744/742
73.817	112.712	25.400	25.400	19.050	3.3	95.5	151.0	3 100	4 100	0.860	29688/29620
73.817	127.000	36.512	36.170	28.575	3.3	163.0	229.0	2 900	3 800	1.800	568/563
74.612	139.992	36.512	36.098	28.575	3.3	178.0	265.0	2 600	3 400	2.480	577/572
75.000	115.000	25.000	25.000	19.000	2.5	94.5	143.0	3 000	4 000	0.875	JLM714149/JLM714110
75.000	120.000	31.000	29.500	25.000	2.5	131.0	197.0	2 900	3 900	1.290	JM714249/JM714210
75.000	145.000	51.000	51.000	42.000	2.5	287.0	410.0	2 500	3 400	3.810	JH415647/JH415610
76.200	109.538	19.050	19.050	15.083	1.5	63.0	115.0	3 100	4 100	0.579	L814749/L814710
76.200	121.442	24.608	23.012	17.462	2.0	91.0	127.0	2 900	3 800	0.982	34300/34478
76.200	121.442	24.608	23.012	17.462	2.0	91.0	127.0	2 900	3 800	0.977	34301/34478
76.200	127.000	30.162	31.000	22.225	3.3	135.0	194.0	2 800	3 700	1.460	42687/42620
76.200	133.350	33.338	33.338	26.195	3.3	153.0	235.0	2 600	3 500	1.920	47678/47620
76.200	133.350	39.688	39.688	32.545	3.3	177.0	305.0	2 600	3 500	2.430	HM516442/HM516410
76.200	135.733	44.450	46.100	34.925	3.3	211.0	330.0	2 700	3 500	2.750	5760/5735
76.200	136.525	30.162	29.769	22.225	3.3	129.0	189.0	2 600	3 500	1.830	495A/493
76.200	139.992	36.512	36.098	28.575	3.3	178.0	265.0	2 600	3 400	2.430	575/572
76.200	139.992	36.512	36.098	28.575	3.3	178.0	265.0	2 600	3 400	2.410	575S/572
76.200	146.050	41.275	41.275	31.750	3.3	206.0	295.0	2 500	3 300	3.040	659/653
76.200	149.225	53.975	54.229	44.450	3.3	287.0	410.0	2 500	3 400	4.230	6461A/6420
76.200	150.089	44.450	46.672	36.512	3.3	261.0	360.0	2 400	3 200	3.660	748S/742
76.200	149.225	53.975	54.229	44.450	3.3	287.0	410.0	2 500	3 400	4.260	6461/6420
76.200	161.925	53.975	55.100	42.862	3.3	310.0	460.0	2 300	3 000	5.440	6576/6535
76.200	180.975	53.975	53.183	35.720	3.3	325.0	415.0	1 900	2 600	6.570	H917840/H917810
76.200	190.500	57.150	57.531	46.038	3.3	445.0	610.0	1 900	2 600	8.690	HH221430/HH221410
77.788	117.475	25.400	25.400	19.050	3.3	99.5	162.0	2 900	3 900	0.932	LM814849/LM814810
77.788	121.442	24.608	23.012	17.462	2.0	91.0	127.0	2 900	3 800	0.943	34306/34478
77.788	127.000	30.162	31.000	22.225	3.3	135.0	194.0	2 800	3 700	1.410	42690/42620
77.788	136.525	30.162	29.769	22.225	3.3	129.0	189.0	2 600	3 500	1.780	495AS/493
77.788	136.525	46.038	46.038	36.512	3.3	224.0	355.0	2 600	3 500	2.840	H715348/H715311
79.375	146.050	41.275	41.275	31.750	3.3	206.0	295.0	2 500	3 300	2.910	661/653
79.375	161.925	47.625	48.260	38.100	3.3	270.0	385.0	2 300	3 100	4.550	756A/752
79.375	190.500	57.150	57.531	46.038	3.3	445.0	610.0	1 900	2 600	8.520	HH221431/HH221410
80.000	130.000	35.000	34.000	28.500	2.5	166.0	249.0	2 700	3 600	1.730	JM515649/JM515610
80.962	133.350	33.338	33.338	26.195	3.3	153.0	235.0	2 600	3 500	1.780	47681/47620

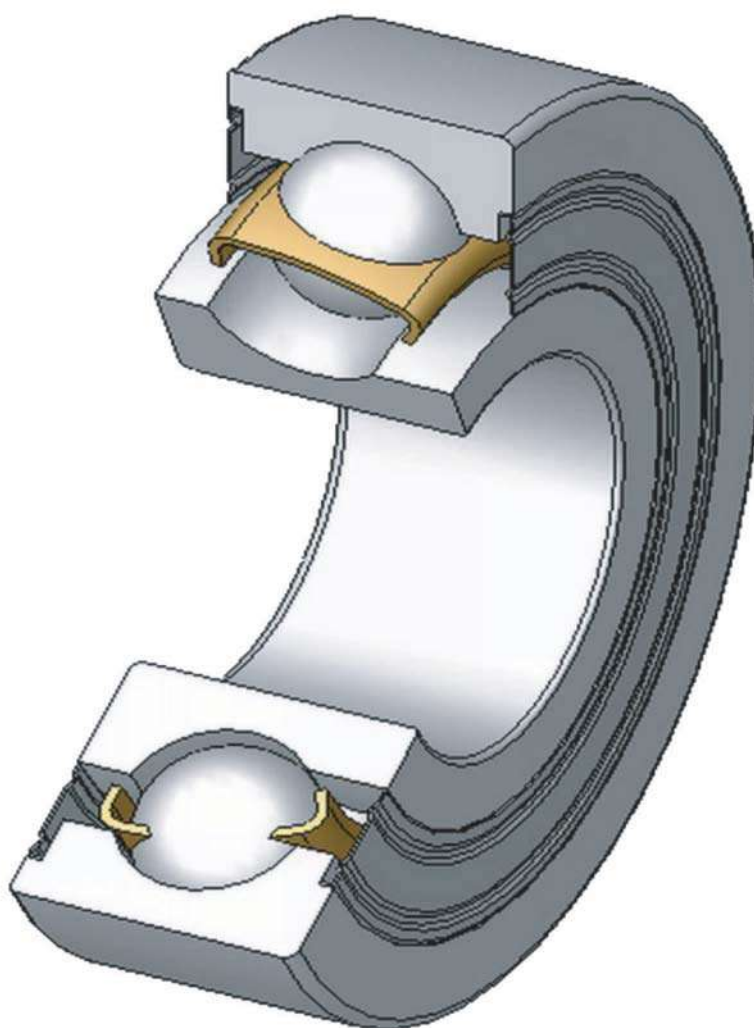
CATÁLOGO ROLAMENTOS

Dimensões Básicas (mm)						Capacidade de Carga Básica		Limite de Rotação		Massa	Especificação
d	D	T	B	C	r1a (max)	Dinam C	Estat Co	a graxa	a óleo	Peso	RBM
mm						KN		rpm		kg	Numero
80.962	136.525	30.162	29.769	22.225	3.3	129.0	189.0	2 600	3 500	1.690	496/493
80.962	139.992	36.512	36.098	28.575	3.3	178.0	265.0	2 600	3 400	2.260	581/572
80.962	150.089	44.450	46.672	36.512	3.3	261.0	360.0	2 400	3 200	3.430	740/742
82.550	125.412	25.400	25.400	19.845	1.5	102.0	163.0	2 700	3 600	1.070	27687/27620
82.550	133.350	33.338	33.338	26.195	3.3	153.0	235.0	2 600	3 500	1.720	47686/47620
82.550	133.350	39.688	39.688	32.545	3.3	177.0	305.0	2 600	3 500	2.160	HM516448/HM516410
82.550	136.525	30.162	29.769	22.225	3.3	129.0	189.0	2 600	3 500	1.640	495/493
82.550	139.992	36.512	36.098	28.575	3.3	178.0	265.0	2 600	3 400	2.200	580/572
82.550	139.992	36.512	36.098	28.575	3.3	178.0	265.0	2 600	3 400	2.190	582/572
82.550	146.050	41.275	41.275	31.750	3.3	206.0	295.0	2 500	3 300	2.780	663/653
82.550	150.089	44.450	46.672	36.512	3.3	261.0	360.0	2 400	3 200	3.370	749A/742
82.550	152.400	39.688	36.322	30.162	3.3	180.0	279.0	2 300	3 100	3.020	595/592A
82.550	152.400	41.275	41.275	31.750	3.3	206.0	295.0	2 500	3 300	3.150	663/652
82.550	161.925	47.625	48.260	38.100	3.3	270.0	385.0	2 300	3 100	4.420	757/752
82.550	161.925	53.975	55.100	42.862	3.3	310.0	460.0	2 300	3 000	5.090	6559C/6535
82.550	168.275	53.975	56.363	41.275	3.3	340.0	460.0	2 200	3 000	5.460	842/832
83.345	125.412	25.400	25.400	19.845	1.5	102.0	163.0	2 700	3 600	1.060	27689/27620
83.345	125.412	25.400	25.400	19.845	1.5	102.0	163.0	2 700	3 600	1.050	27690/27620
83.345	125.412	25.400	25.400	19.845	1.5	102.0	163.0	2 700	3 600	1.040	27691/27620
84.138	136.525	30.162	29.769	22.225	3.3	129.0	189.0	2 600	3 500	1.600	498/493
85.000	130.000	30.000	29.000	24.000	2.5	135.0	214.0	2 600	3 500	1.370	JM716648/JM716610
85.000	140.000	39.000	38.000	31.500	2.5	197.0	297.0	2 500	3 400	2.300	JHM516849/JHM516810
85.026	150.089	44.450	46.672	36.512	3.3	261.0	360.0	2 400	3 200	3.250	749/742
85.725	133.350	30.162	29.769	22.225	3.3	129.0	189.0	2 600	3 500	1.430	497/492A
85.725	142.138	42.862	42.862	34.133	3.3	216.0	350.0	2 500	3 300	2.690	HM617049/HM617010
85.725	146.050	41.275	41.275	31.750	3.3	206.0	295.0	2 500	3 300	2.650	665/653
85.725	152.400	39.688	36.322	30.162	3.3	180.0	279.0	2 300	3 100	2.900	596/592A
85.725	161.925	47.625	48.260	38.100	3.3	270.0	385.0	2 300	3 100	4.260	758/752
87.960	148.430	28.575	28.971	21.433	3.0	138.0	215.0	2 300	3 100	1.990	42346/42584
88.900	121.442	15.083	15.083	11.112	1.5	56.5	88.0	2 700	3 600	0.452	LL217849/LL217810
88.900	123.825	20.638	20.638	16.670	1.5	80.0	141.0	2 700	3 500	0.737	L217849/L217810
88.900	148.430	28.575	28.971	21.433	3.0	138.0	215.0	2 300	3 100	1.960	42350/42584
88.900	152.400	39.688	36.322	30.162	3.3	180.0	279.0	2 300	3 100	2.780	593/592A
88.900	161.925	47.625	48.260	38.100	3.3	270.0	385.0	2 300	3 100	4.090	759/752
88.900	161.925	53.975	55.100	42.862	3.3	310.0	460.0	2 300	3 000	4.730	6580/6535
88.900	168.275	53.975	56.363	41.275	3.3	340.0	460.0	2 200	3 000	5.080	850/832
89.974	146.975	40.000	40.000	32.500	3.5	227.0	340.0	2 400	3 200	2.550	HM218248/HM218210
90.000	145.000	35.000	34.000	27.000	2.5	189.0	279.0	2 400	3 200	2.140	JM718149/JM718110
90.000	155.000	44.000	44.000	35.500	2.5	270.0	385.0	2 300	3 100	3.320	JHM318448/JHM318410
90.000	190.000	50.800	46.038	31.750	3.3	281.0	365.0	1 800	2 400	6.320	J90354/J90748
90.488	161.925	47.625	48.260	38.100	3.3	270.0	385.0	2 300	3 100	4.010	760/752
92.075	146.050	33.338	34.925	26.195	3.3	163.0	266.0	2 400	3 100	2.080	47890/47820
92.075	152.400	39.688	36.322	30.162	3.3	180.0	279.0	2 300	3 100	2.630	598A/592A
92.075	168.275	41.275	41.275	30.162	3.3	222.0	340.0	2 100	2 800	3.870	681/672
93.662	148.430	28.575	28.971	21.433	3.0	138.0	215.0	2 300	3 100	1.800	42368/42584
95.000	150.000	35.000	34.000	27.000	2.5	180.0	279.0	2 300	3 100	2.190	JM719149/JM719113
95.250	130.175	20.638	21.433	16.670	1.5	81.0	147.0	2 500	3 300	0.789	L319249/L319210
95.250	146.050	33.338	34.925	26.195	3.3	163.0	266.0	2 400	3 100	1.950	47896/47820
95.250	147.638	35.717	36.322	26.192	0.8	180.0	279.0	2 300	3 100	2.090	594A/592XE
95.250	148.430	28.575	28.971	21.433	3.0	138.0	215.0	2 300	3 100	1.750	42375/42584
95.250	190.500	57.150	57.531	46.038	3.3	445.0	610.0	1 900	2 600	7.500	HH221440/HH221410
96.838	148.430	28.575	28.971	21.433	3.0	138.0	215.0	2 300	3 100	1.690	42381/42584
96.838	188.912	50.800	46.038	31.750	3.3	281.0	365.0	1 800	2 400	5.670	90381/90744
98.425	157.162	36.512	36.116	26.195	3.3	188.0	305.0	2 200	2 900	2.620	52387/52618
98.425	168.275	41.275	41.275	30.162	3.3	222.0	340.0	2 100	2 800	3.560	685/672
99.974	212.725	66.675	66.675	53.975	3.3	575.0	810.0	1 700	2 300	11.500	HH224334/HH224310
100.000	155.000	36.000	35.000	28.000	2.5	192.0	310.0	2 200	2 900	2.400	JM720249/JM720210
100.012	157.162	36.512	36.116	26.195	3.3	188.0	305.0	2 200	2 900	2.550	52393/52618
101.600	157.162	36.512	36.116	26.195	3.3	188.0	305.0	2 200	2 900	2.480	52400/52618
101.600	168.275	41.275	41.275	30.162	3.3	222.0	340.0	2 100	2 800	3.400	687/672
101.600	180.975	47.625	48.006	38.100	3.3	285.0	4300	2 000	2 700	5.110	780/772
101.600	190.500	57.150	57.531	44.450	3.3	380.0	555.0	2 000	2 600	7.000	861/854
101.600	190.500	57.150	57.531	46.038	3.3	445.0	610.0	1 900	2 600	7.060	HH221449/HH221410
101.600	190.500	57.150	57.531	46.038	3.3	445.0	610.0	1 900	2 600	7.060	HH221449A/HH221410
101.600	212.725	66.675	66.675	53.975	3.3	475.0	695.0	1 800	2 300	11.200	941/932
101.600	212.725	66.675	66.675	53.975	3.3	575.0	810.0	1 700	2 300	11.300	HH224335/HH224310
104.775	180.975	47.625	48.006	38.100	3.3	285.0	430.0	2 000	2 700	4.920	782/772
107.950	158.750	23.020	21.438	15.875	3.3	102.0	166.0	2 100	2 800	1.370	37425/37625
107.950	159.987	34.925	34.925	26.988	3.3	167.0	320.0	2 100	2 800	2.370	LM522546/LM522510

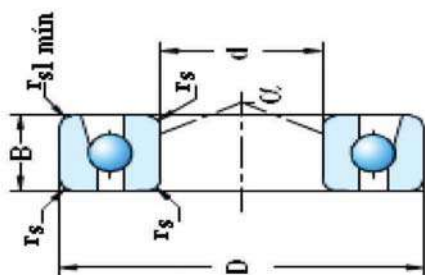
CATÁLOGO ROLAMENTOS

Dimensões Básicas (mm)						Capacidade de Carga Básica		Limite de Rotação		Massa	Especificação
d	D	T	B	C	r1a (max)	Dinam C	Estat Co	a graxa	a óleo	Peso	RBM
mm						KN		rpm		kg	Numero
107.950	165.100	36.512	36.512	26.988	3.3	191.0	315.0	2 100	2 700	2.690	56425/56650
107.950	212.725	66.675	66.675	53.975	3.3	475.0	695.0	1 800	2 300	10.700	936/932
109.538	158.750	23.020	21.438	15.875	3.3	102.0	166.0	2 100	2 800	1.330	37431/37625
109.987	159.987	34.925	34.925	26.988	3.3	167.0	320.0	2 100	2 800	2.240	LM522548/LM522510
109.992	177.800	41.275	41.275	30.162	3.3	232.0	375.0	1 900	2 600	3.770	64433/64700
110.000	165.000	35.000	35.000	26.500	2.5	191.0	315.0	2 100	2 700	2.520	JM822049/JM822010
110.000	180.000	47.000	46.000	38.000	2.5	305.0	480.0	1 900	2 600	4.610	JHM522649/JHM522610
111.125	214.312	55.562	52.388	39.688	3.3	405.0	560.0	1 500	2 000	8.180	H924045/H924010
114.300	177.800	41.275	41.275	30.162	3.3	232.0	375.0	1 900	2 600	3.520	64450/64700
114.300	180.975	34.925	31.750	25.400	3.3	169.0	245.0	1 900	2 500	2.930	68450/68712
114.300	212.725	66.675	66.675	53.975	3.3	475.0	695.0	1 800	2 300	10.100	938/932
114.300	212.725	66.675	66.675	53.975	3.3	575.0	810.0	1 700	2 300	10.200	HH224346/HH224310
114.300	228.600	53.975	49.428	38.100	3.3	430.0	620.0	1 400	1 900	9.760	HM926740/HM926710
115.087	190.500	47.625	49.212	34.925	3.3	300.0	475.0	1 800	2 500	5.110	71453/71750
117.475	180.975	34.925	31.750	25.400	3.3	169.0	245.0	1 900	2 500	2.780	68462/68712
120.000	170.000	25.400	25.400	19.050	3.3	127.0	210.0	2 000	2 600	1.670	JL724348/JL724314
120.650	234.950	63.500	63.500	49.212	3.3	525.0	825.0	1 500	2 000	12.600	95475/95925
123.825	182.562	39.688	38.100	33.338	3.3	224.0	435.0	1 800	2 400	3.520	48286/48220
127.000	182.562	39.688	38.100	33.338	3.3	224.0	435.0	1 800	2 400	3.330	48290/48220
127.000	196.850	46.038	46.038	38.100	3.3	310.0	550.0	1 700	2 200	5.100	67388/67322
127.000	215.900	47.625	47.625	34.925	3.3	320.0	540.0	1 600	2 100	7.050	74500/74850
127.000	228.600	53.975	49.428	38.100	3.3	320.0	445.0	1 400	1 900	8.430	97500/97900
127.000	228.600	53.975	49.428	38.100	3.3	430.0	620.0	1 400	1 900	8.830	HM926747/HM926710
127.000	230.000	63.500	63.500	49.212	3.3	525.0	825.0	1 500	2 000	12.900	95500/95905
127.000	254.000	77.788	82.550	61.912	6.4	740.0	1 070.0	1 400	1 900	19.500	HH228349/HH228310
128.588	206.375	47.625	47.625	34.925	3.3	315.0	520.0	1 700	2 200	5.770	799/792
130.175	196.850	46.038	46.038	38.100	3.3	310.0	550.0	1 700	2 200	4.870	67389/67322
130.175	206.375	47.625	47.625	34.925	3.3	315.0	520.0	1 700	2 200	5.650	799A/792
133.350	177.008	25.400	26.195	20.638	1.5	126.0	259.0	1 800	2 400	1.700	L327249/L327210
133.350	190.500	39.688	39.688	33.338	3.3	236.0	475.0	1 700	2 300	3.640	48385/48320
133.350	196.850	46.038	46.038	38.100	3.3	310.0	550.0	1 700	2 200	4.630	67390/67322
133.350	196.850	46.038	46.038	38.100	3.3	310.0	550.0	1 700	2 200	4.590	67391/67322
133.350	215.900	47.625	47.625	34.925	3.3	320.0	540.0	1 600	2 100	6.560	74525/74850
133.350	234.950	63.500	63.500	49.212	3.3	525.0	825.0	1 500	2 000	11.300	95525/95925
136.525	190.500	39.688	39.688	33.338	3.3	236.0	2475.0	1 700	2 300	3.430	48393/48320
136.525	228.600	57.150	57.150	44.450	3.3	445.0	735.0	1 500	2 000	9.070	896/892
139.700	215.900	47.625	47.625	34.925	3.3	320.0	540.0	1 600	2 100	6.050	74550/74850
139.700	228.600	57.150	57.150	44.450	3.3	445.0	735.0	1 500	2 000	8.760	898/892
139.700	254.000	66.675	66.675	47.625	3.3	550.0	910.0	1 400	1 800	14.300	99550/99100
142.875	200.025	41.275	39.688	34.130	3.3	239.0	490.0	1 600	2 100	3.850	48684/48620
142.875	200.025	41.275	39.688	34.130	3.3	239.0	490.0	1 600	2 100	3.890	48685/48620
146.050	193.675	28.575	28.575	23.020	1.5	165.0	340.0	1 600	2 200	2.270	36690/36620
146.050	254.000	66.675	66.675	47.625	3.3	550.0	910.0	1 400	1 800	13.500	99575/99100
152.400	192.088	25.000	24.000	19.000	2.0	130.0	261.0	1 600	2 100	1.530	L630349/L630310
152.400	222.250	46.830	46.830	34.925	1.5	315.0	585.0	1 500	2 000	5.720	M231648/M231610
158.750	205.583	23.812	23.812	18.258	1.5	126.0	247.0	1 500	2 000	1.890	L432349/L432310
158.750	225.425	41.275	39.688	33.338	3.3	254.0	555.0	1 400	1 900	5.200	46780/46720
165.100	225.425	41.275	39.688	33.338	3.3	254.0	555.0	1 400	1 900	4.690	46790/46720
170.000	230.000	39.000	38.000	31.000	2.5	282.0	520.0	1 400	1 800	4.370	JHM534149/JHM534110
177.800	227.012	30.162	30.162	23.020	1.5	181.0	415.0	1 300	1 800	2.920	36990/36920
177.800	247.650	47.625	47.625	38.100	3.3	340.0	690.0	1 300	1 700	6.570	67790/67720
180.000	250.000	47.000	45.000	37.000	2.5	370.0	710.0	1 300	1 700	6.760	JM736149/JM736110
190.000	260.000	46.000	44.000	36.500	2.5	365.0	720.0	1 200	1 600	6.850	JM738249/JM738210

ROLAMENTOS DE ESFERAS COM CONTATO ANGULAR



CATÁLOGO ROLAMENTOS



Dimensões Básicas (mm)					Capacidade de Carga Básica (kN)		Limite de Rotação (RPM)		Peso (kg)	Especificação	
d	D	B	rs (mm)	r1s (mm)	Dinam C	Estat Co	Graxa	Óleo	Aprox	RBM	Sufixo
10	26	8	0.3	0.15	4.65	2.07	29,000	39,000	0.023	7000	
10	30	9	0.6	0.3	5.45	2.74	28,000	37,000	0.029	7200	
10	30	9	0.6	0.3	5.00	2.52	24,000	32,000	0.029	7200	B
10	35	11	0.6	0.3	10.1	4.95	26,000	34,000	0.04	7300	
10	35	11	0.6	0.3	9.50	4.60	22,000	29,000	0.041	7300	B
12	28	8	0.3	0.15	5.05	2.46	26,000	35,000	0.025	7001	
12	32	10	0.6	0.3	7.60	3.95	25,000	33,000	0.035	7201	
12	32	10	0.6	0.3	7.00	3.65	21,000	28,000	0.036	7201	B
12	37	12	1	0.6	11.2	5.25	23,000	30,000	0.044	7301	
12	37	12	1	0.6	10.5	4.95	19,000	26,000	0.045	7301	B
15	32	9	0.3	0.15	5.80	3.15	23,000	31,000	0.035	7002	
15	35	11	0.6	0.3	9.05	4.70	22,000	29,000	0.046	7202	
15	35	11	0.6	0.3	8.35	4.35	18,000	25,000	0.046	7202	B
15	42	13	1	0.6	13.5	7.20	19,000	26,000	0.055	7302	
15	42	13	1	0.6	12.5	6.65	17,000	22,000	0.057	7302	B
17	35	10	0.3	0.15	7.15	3.85	21,000	28,000	0.046	7003	
17	40	12	0.6	0.3	12.0	6.60	19,000	26,000	0.064	7203	
17	40	12	0.6	0.3	11.0	6.10	17,000	22,000	0.066	7203	B
17	47	14	1	0.6	15.9	8.65	18,000	24,000	0.107	7303	
17	47	14	1	0.6	14.8	8.00	15,000	20,000	0.109	7303	B
20	42	12	0.6	0.3	9.70	5.60	19,000	25,000	0.08	7004	
20	47	14	1	0.6	14.5	8.40	17,000	23,000	0.1	7204	
20	47	14	1	0.6	13.3	7.70	15,000	20,000	0.102	7204	B
20	52	15	1.1	0.6	18.7	10.4	16,000	21,000	0.138	7304	
20	52	15	1.1	0.6	17.3	9.65	13,000	18,000	0.141	7304	B
25	47	12	0.6	0.3	10.7	6.85	16,000	21,000	0.093	7005	
25	52	15	1	0.6	16.2	10.3	14,000	19,000	0.125	7205	
25	52	15	1	0.6	14.8	9.40	12,000	16,000	0.129	7205	B
25	62	17	1.1	0.6	26.4	15.8	13,000	17,000	0.23	7305	
25	62	17	1.1	0.6	24.4	14.6	11,000	15,000	0.234	7305	B
25	42	9	0.3	0.15	7.15	4.95	17,000	22,000	0.05	7905	
30	55	13	1	0.6	13.9	9.45	13,000	18,000	0.135	7006	
30	62	16	1	0.6	22.5	14.8	12,000	16,000	0.193	7206	
30	62	16	1	0.6	20.5	13.5	11,000	14,000	0.197	7206	B
30	72	19	1.1	0.6	33.5	22.3	11,000	15,000	0.345	7306	
30	72	19	1.1	0.6	31.0	20.5	9,600	13,000	0.352	7306	B
30	47	9	0.3	0.15	7.55	5.75	14,000	19,000	0.058	7906	
35	62	14	1	0.6	17.5	12.6	12,000	16,000	0.18	7007	
35	72	17	1.1	0.6	29.7	20.1	11,000	14,000	0.281	7207	
35	72	17	1.1	0.6	27.1	18.4	9,300	12,000	0.287	7207	B
35	80	21	1.5	1	40.0	26.3	9,800	13,000	0.462	7307	
35	80	21	1.5	1	36.5	24.2	8,400	11,000	0.469	7307	B
35	55	10	0.6	0.3	12.0	8.85	13,000	17,000	0.088	7907	
40	68	15	1	0.6	18.8	14.6	10,000	14,000	0.222	7008	
40	80	18	1.1	0.6	35.5	25.1	9,600	13,000	0.355	7208	
40	80	18	1.1	0.6	32.0	23.0	8,300	11,000	0.375	7208	B
40	90	23	1.5	1	49.0	33.0	8,600	12,000	0.625	7308	
40	90	23	1.5	1	45.0	30.5	7,400	9,900	0.636	7308	B
40	62	12	0.6	0.3	12.7	10.2	11,000	15,000	0.13	7908	
45	75	16	1	0.6	22.3	17.7	9,500	13,000	0.282	7009	
45	85	19	1.1	0.6	39.5	28.7	8,700	12,000	0.404	7209	
45	85	19	1.1	0.6	36.0	26.2	7,400	9,900	0.41	7209	B
45	100	25	1.5	1	63.5	44.0	7,800	10,000	0.837	7309	
45	100	25	1.5	1	58.5	40.0	6,600	8,900	0.854	7309	B
45	68	12	0.6	0.3	15.7	12.9	10,000	14,000	0.15	7909	
50	80	16	1	0.6	23.7	20.1	8,600	11,000	0.306	7010	
50	90	20	1.1	0.6	41.5	31.5	7,900	10,000	0.457	7210	
50	90	20	1.1	0.6	37.5	28.6	6,700	9,000	0.466	7210	B
50	110	27	2	1	74.0	52.0	7,100	9,400	1.09	7310	

CATÁLOGO ROLAMENTOS

Dimensões Básicas (mm)					Capacidade de Carga Básica (KN)		Limite de Rotação (RPM)		Peso (Kg)	Especificação	
d	D	B	rs (min)	r1s (min)	Dinam C	Estat Co	Graxa	Óleo	Aprox	RBM	Sufixo
50	110	27	2	1	68.0	48.0	6,000	8,100	1.11	7310	B
50	72	12	0.6	0.3	16.6	14.5	9,200	12,000	0.157	7910	
55	90	18	1.1	0.6	31.0	26.3	7,900	11,000	0.447	7011	
55	100	21	1.5	1	51.0	39.5	7,100	9,500	0.6	7211	
55	100	21	1.5	1	46.5	36.0	6,100	8,200	0.612	7211	B
55	120	29	2	1	86.0	61.5	6,400	8,600	1.39	7311	
55	120	29	2	1	79.0	56.5	5,500	7,300	1.42	7311	B
55	80	13	1	0.6	17.3	16.1	8,400	11,000	0.214	7911	
60	95	18	1.1	0.6	32.0	28.1	7,200	9,600	0.478	7012	
60	110	22	1.5	1	61.5	49.0	6,600	8,800	0.765	7212	
60	110	22	1.5	1	56.0	44.5	5,700	7,600	0.78	7212	B
60	130	31	2.1	1.1	98.0	71.5	5,900	7,900	1.74	7312	
60	130	31	2.1	1.1	90.0	66.0	5,100	6,800	1.77	7312	B
60	85	13	1	0.6	18.1	17.4	7,800	10,000	0.23	7912	
65	100	18	1.1	0.6	33.5	31.5	6,700	9,000	0.509	7013	
65	120	23	1.5	1	70.5	58.0	6,100	8,100	0.962	7213	
65	120	23	1.5	1	63.5	52.5	5,200	7,000	0.981	7213	B
65	140	33	2.1	1.1	111	82.0	5,500	7,300	2.11	7313	
65	140	33	2.1	1.1	102	75.0	4,700	6,300	2.15	7313	B
65	90	13	1	0.6	18.3	18.0	7,200	9,600	0.245	7913	
70	110	20	1.1	0.6	42.5	39.5	6,200	8,300	0.705	7014	
70	125	24	1.5	1	76.5	63.5	5,700	7,600	1.09	7214	
70	125	24	1.5	1	69.0	58.0	4,900	6,500	1.11	7214	B
70	150	35	2.1	1.1	125	93.5	5,100	6,800	2.56	7314	
70	150	35	2.1	1.1	114	86	4,400	5,800	2.61	7314	B
70	100	16	1	0.6	26.2	26.2	6,700	9,000	0.397	7914	
75	115	20	1.1	0.6	43.50	41.5	5,800	7,800	0.745	7015	
75	130	25	1.5	1	79.0	68.5	5,300	7,100	1.17	7215	
75	130	25	1.5	1	71.5	62.0	4,500	6,000	1.19	7215	B
75	160	37	2.1	1.1	136	106	4,800	6,300	3.07	7315	
75	160	37	2.1	1.1	125.	97.5	4,100	5,400	3.13	7315	B
75	105	16	1	0.6	26.50	27.1	6,300	8,400	0.42	7915	
80	125	22	1.1	0.6	53.5	50.5	5,500	7,300	0.994	7016	
80	140	26	2	1	89.0	76.0	5,000	6,600	1.39	7216	
80	140	26	2	1	80.5	69.5	4,300	5,700	1.42	7216	B
80	170	39	2.1	1.1	147	119	4,500	5,900	3.65	7316	
80	170	39	2.1	1.1	135	109	3,800	5,100	3.72	7316	B
80	110	16	1	0.6	26.9	28.0	5,900	7,800	0.444	7916	
85	130	22	1.1	0.6	54.5	53.5	5,100	6,900	1.04	7017	
85	150	28	2	1	99.5	88.5	4,700	6,200	1.78	7217	
85	150	28	2	1	90.0	80.5	4,000	5,300	1.82	7217	B
85	180	41	3	1.1	159	133	4,200	5,600	4.34	7317	
85	180	41	3	1.1	146	122	3,600	4,800	4.43	7317	B
85	120	18	1.1	0.6	36.0	38.0	5,500	7,400	0.628	7917	
90	140	24	1.5	1	65.0	63.5	4,900	6,500	1.35	7018	
90	160	30	2.0	1	118	103	4,400	5,900	2.18	7218	
90	160	30	2.0	1	107	94.0	3,800	5,000	2.22	7218	B
90	190	43	3.0	1.1	171	147	4,000	5,300	5.06	7318	
90	190	43	3.0	1.1	156	135	3,400	4,500	5.16	7318	B
90	125	18	1.1	0.6	36.0	38.0	5,200	7,000	0.658	7918	
95	145	24	1.5	1	67.0	67.0	4,600	6,100	1.41	7019	
95	170	32	2.1	1.1	133	118	4,100	5,500	2.67	7219	
95	170	32	2.1	1.1	121	107	3,500	4,700	2.72	7219	B
95	200	45	3	1.1	183	162	3,700	5,000	5.89	7319	
95	200	45	3	1.1	167	149	3,200	4,200	6	7319	B
95	130	18	1.1	0.6	37.0	40.5	5,000	6,600	0.688	7919	
100	150	24	1.5	1	68.5	70.5	4,400	5,800	1.47	7020	
100	180	34	2.1	1.1	144	126	3,900	5,200	3.2	7220	
100	180	34	2.1	1.1	130	114	3,400	4,500	3.26	7220	B
100	215	47	3	1.1	207	193	3,500	4,700	7.18	7320	
100	215	47	3	1.1	190	178	3,000	4,000	7.32	7320	B
100	140	20	1.1	0.6	48.0	52.5	4,700	6,200	0.934	7920	
105	160	26	2	1	80.0	81.5	4,100	5,500	1.86	7021	
105	190	36	2.1	1.1	157	142	3,700	5,000	3.79	7221	
105	190	36	2.1	1.1	142	129	3,200	4,300	3.87	7221	B
105	225	49	3	1.1	220	210	3,400	4,500	8.2	7321	
105	225	49	3	1.1	202	194	2,900	3,800	8.36	7321	B
105	145	20	1.1	0.6	48.5	54.5	4,400	5,900	0.972	7921	
110	170	28	2	1	92.0	93.0	3,900	5,300	2.3	7022	
110	200	38	2.1	1.1	170	158	3,500	4,700	4.45	7222	

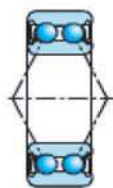
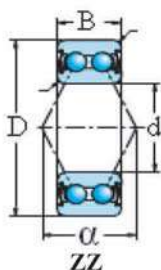
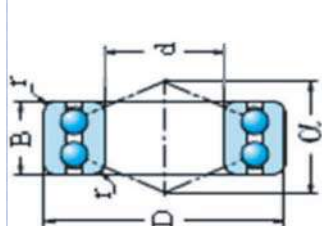
CATÁLOGO ROLAMENTOS

Dimensões Básicas (mm)					Capacidade de Carga Básica (KN)		Limite de Rotação (RPM)		Peso (Kg)	Especificação	
d	D	B	rs (min)	r1s (min)	Dinam C	Estat Co	Graxa	Óleo	Aprox	RBM	Sufixo
110	200	38	2.1	1.1	154	144	3,000	4,000	4.54	7222	B
110	240	50	3	1.1	246	246	3,200	4,300	9.6	7322	
110	240	50	3	1.1	226	226	2,700	3,700	9.8	7322	B
110	150	20	1.1	0.6	49.5	56.0	4,200	5,700	1.01	7922	
120	180	28	2	1	93.5	98.5	3,600	4,800	2.47	7024	
120	215	40	2.1	1.1	183	177	3,200	4,300	6.26	7224	
120	215	40	2.1	1.1	165	162	2,800	3,700	6.26	7224	B
120	260	55	3	1.1	225	231	2,500	3,300	14.7	7224	B
120	260	55	3	1.1	246	252	2,900	3,900	14.7	7324	
120	165	22	1.1	0.6	61.0	69.5	3,900	5,200	1.66	7924	
130	200	33	2	1	117	125	3,300	4,400	3.73	7026	
130	230	40	3	1.1	196	198	3,000	4,000	7.15	7226	
130	230	40	3	1.1	177	180	2,500	3,400	7.15	7226	B
130	280	58	4	1.5	250	268	2,300	3,100	17.6	7226	B
130	280	58	4	1.5	273	293	2,700	3,600	17.6	7326	
130	180	24	1.5	1	75.0	87.5	3,600	4,700	1.82	7926	
140	210	33	2	1	120	133	3,100	4,100	3.96	7028	
140	250	42	3	1.1	203	215	2,700	3,600	8.78	7228	
140	250	42	3	1.1	183	195	2,300	3,100	8.78	7228	B
140	300	62	4	1.5	275	310	2,100	2,800	21.5	7228	B
140	300	62	4	1.5	300	335	2,500	3,300	21.5	7328	
140	190	24	1.5	1	75.5	90.0	3,300	4,400	1.94	7928	
150	225	35	2.1	1.1	137	154	2,800	3,800	4.82	7030	
150	270	45	3	1.1	232	259	2,500	3,400	11	7230	
150	270	45	3	1.1	210	235	2,200	2,900	11	7230	B
150	320	65	4	1.5	300	350	2,000	2,600	25.1	7230	B
150	320	65	4	1.5	330	380	2,300	3,100	25.1	7330	
150	210	28	2	1	97.5	117	3,100	4,100	2.96	7930	
160	240	38	2.1	1.1	155	176	2,700	3,600	5.96	7032	
160	290	48	3	1.1	263	305	2,400	3,200	13.7	7232	
160	290	48	3	1.1	238	279	2,000	2,700	13.7	7232	B
160	340	68	4	1.5	315	385	1,800	2,400	29.8	7232	B
160	340	68	4	1.5	345	420	2,100	2,800	29.8	7332	
160	220	28	2	1	98.5	121	2,800	3,800	3.13	7932	
170	260	42	2.1	1.1	186	214	2,500	3,300	7.96	7034	
170	310	52	4	1.5	295	360	2,200	3,000	17	7234	
170	310	52	4	1.5	266	325	1,900	2,500	17	7234	B
170	360	72	4	1.5	355	445	1,700	2,300	35.3	7234	B
170	360	72	4	1.5	390	485	2,000	2,700	35.3	7334	
170	230	28	2	1	102	129	2,700	3,600	3.29	7934	
180	280	46	2.1	1.1	219	266	2,300	3,100	10.4	7036	
180	320	52	4	1.5	305	385	2,100	2,800	17.7	7236	
180	320	52	4	1.5	276	350	1,800	2,400	17.7	7236	B
180	380	75	4	1.5	375	490	1,600	2,100	40.9	7236	B
180	380	75	4	1.5	410	535	1,900	2,500	40.9	7336	
180	250	33	2	1	131	163	2,500	3,300	4.87	7936	
190	290	46	2.1	1.1	224	280	2,200	2,900	10.8	7038	
190	340	55	4	1.5	305	390	2,000	2,600	21.3	7238	
190	340	55	4	1.5	273	355	1,700	2,200	21.3	7238	B
190	400	78	5	2	390	535	1,500	2,000	47	7238	B
190	400	78	5	2	430	585	1,800	2,300	47	7338	
190	260	33	2	1	133	169	2,400	3,200	5.1	7938	
200	310	51	2.1	1.1	252	325	2,100	2,800	14	7040	
200	360	58	4	1.5	335	450	1,900	2,500	25.3	7240	
200	360	58	4	1.5	305	410	1,600	2,100	25.3	7240	B
200	420	80	5	2	410	555	1,400	1,900	53.1	7240	B
200	420	80	5	2	450	605	1,700	2,200	53.1	7340	
200	280	38	2.1	1.1	185	231	2,200	3,000	7.15	7940	
220	300	38	2.1	1.1	187	239	2,000	2,700	7.74	7944	
240	320	38	2.1	1.1	197	264	1,800	2,400	8.34	7948	
260	360	46	2.1	1.1	258	375	1,700	2,200	14	7952	
280	380	46	2.1	1.1	261	385	1,500	2,100	14.8	7956	
300	420	56	3	1.1	325	520	1,400	1,900	23.7	7960	

ROLAMENTOS DE DUAS CARREIRAS DE ESFERAS DE CONTATO ANGULAR



CATÁLOGO ROLAMENTOS



Aberto

Blindado

Dimensões Básicas (mm)				Capacidade de Carga Básica (kN)		Limite de Rotação (RPM)		Peso (Kg)	Especificação RBM	
d	D	B	r (min)	Dinam C	Estat Co	Graxa	Óleo	Aprox	Número	Sufixo
10	30	14	0,6	7,8	4,55	16000	21000	0,043	3200	A
10	30	14,3	0,6	6,95	3,80	14,000	19,000	0,049	5200	
10	30	14,3	0,6	6,95	3,80	14,000		0,049	5200	2RS
10	30	14,3	0,6	6,95	3,80	14,000		0,049	5200	ZZ
12	32	15,9	0,6	10,7	5,9	15000	20000	0,051	3201	A
12	32	15,9	0,6	9,15	5,05	13,000	17,000	0,057	5201	
12	32	15,9	0,6	7,60	4,50	13,000		0,057	5201	2RS
12	32	15,9	0,6	7,60	4,50	13,000		0,057	5201	ZZ
15	35	15,9	0,6	11,8	7,1	13000	18000	0,058	3202	A
15	42	19	1	16,2	10,1	11000	15000	0,112	3302	A
15	35	15,9	0,6	10,0	6,05	11,000	15,000	0,064	5202	
15	35	15,9	0,6	8,20	5,25	11,000		0,064	5202	2RS
15	35	15,9	0,6	8,20	5,25	11,000		0,064	5202	ZZ
15	42	19	1	17,2	10,1	9,900	13,000	0,132	5302	
15	42	19	1	14,2	8,85	9,900		0,132	5302	2RS
15	42	19	1	14,2	8,85	9,900		0,132	5302	ZZ
17	40	17,5	0,6	14,6	9	12000	15000	0,085	3203	A
17	47	22,2	1	20,9	12,4	10000	14000	0,161	3303	A
17	40	17,5	0,6	12,8	7,90	9,900	13,000	0,096	5203	
17	40	17,5	0,6	10,8	7,10	9,900		0,096	5203	2RS
17	40	17,5	0,6	10,8	7,10	9,900		0,096	5203	ZZ
17	47	22,2	1	20,4	12,1	9,000	12,000	0,181	5303	
17	47	22,2	1	17,4	10,4	9,000		0,181	5303	2RS
17	47	22,2	1	17,4	10,4	9,000		0,181	5303	ZZ
20	47	20,6	1	19,6	12,5	9700	13000	0,139	3204	A
20	52	22,2	1	20,8	18,3	9000	12000	0,23	3304	B
20	47	20,6	1	19,0	12,1	8,800	12,000	0,153	5204	
20	47	20,6	1	15,8	10,1	8,800		0,153	5204	2RS
20	47	20,6	1	15,8	10,1	8,800		0,153	5204	ZZ
20	52	22,2	1,1	20,6	12,7	8,000	11,000	0,217	5304	
20	52	22,2	1,1	19,1	12,4	8,000		0,217	5304	2RS
20	52	22,2	1,1	19,1	12,4	8,000		0,217	5304	ZZ
25	52	20,6	1	18,9	18,2	8400	11000	0,19	3205	B
25	62	25,4	1	29	26,5	7500	10000	0,37	3305	B
25	52	20,6	1	20,6	14,3	7,300	9,800	0,175	5205	
25	52	20,6	1	18,2	13,2	7,300		0,175	5205	2RS
25	52	20,6	1	18,2	13,2	7,300		0,175	5205	ZZ
25	62	25,4	1,1	30,5	20,5	6,700	8,900	0,362	5305	
25	62	25,4	1,1	26,5	17,9	6,700		0,362	5305	2RS
25	62	25,4	1,1	26,5	17,9	6,700		0,362	5305	ZZ
30	62	23,8	1	27	27	7200	9600	0,31	3206	B
30	72	30,2	1	38	36	6400	8600	0,58	3306	B
30	62	23,8	1	28,6	20,4	6,300	8,400	0,286	5206	
30	62	23,8	1	26,1	19,7	6,300		0,286	5206	2RS
30	62	23,8	1	26,1	19,7	6,300		0,286	5206	ZZ
30	72	30,2	1,1	39,5	27,5	5,700	7,600	0,553	5306	
30	72	30,2	1,1	33,0	24,3	5,700		0,553	5306	2RS
30	72	30,2	1,1	33,0	24,3	5,700		0,553	5306	ZZ
35	72	27	1	37	37,5	6100	8200	0,48	3207	B
35	80	34,9	1,5	48,5	47	5600	7500	0,78	3307	B
35	72	27	1,1	38,0	27,8	5,500	7,400	0,436	5207	
35	72	27	1,1	33,0	24,5	5,500		0,436	5207	2RS
35	72	27	1,1	33,0	24,5	5,500		0,436	5207	ZZ
35	80	34,9	1,5	49,5	35,0	5,000	6,600	0,766	5307	
35	80	34,9	1,5	49,5	35,0	5,000		0,766	5307	2RS
35	80	34,9	1,5	49,5	35,0	5,000		0,766	5307	ZZ
40	80	30,2	1	42	44	5500	7300	0,65	3208	B
40	90	36,5	1,5	60	59	5100	6800	1,05	3308	B
40	80	30,2	1,1	42,5	32,5	4,900	6,600	0,59	5208	

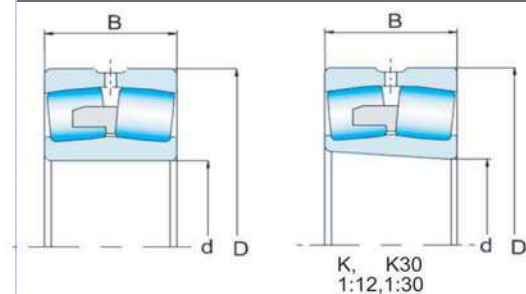
CATÁLOGO ROLAMENTOS

Dimensões Básicas (mm)				Capacidade de Carga Básica (KN)		Limite de Rotação (RPM)		Peso (Kg)	Especificação RBM	
d	D	B	r (min)	Dinam C	Estat Co	Graxa	Óleo	Aprox	Número	Sufixo
40	80	30.2	1.1	40.5	32.0	4,900		0.59	5208	2RS
40	80	30.2	1.1	40.5	32.0	4,900		0.59	5208	ZZ
40	90	36.5	1.5	60.5	44.0	4,400	5,900	1.01	5308	
40	90	36.5	1.5	55.0	40.0	4,400		1.01	5308	2RS
40	90	36.5	1.5	55.0	40.0	4,400		1.01	5308	ZZ
45	85	30.2	1	48	37	5100	6800	0,583	3209	A
45	100	39.7	1,5	68	51	4600	6100	1,21	3309	A
45	85	30.2	1.1	48.0	37.0	4,400	5,900	0.64	5209	
45	100	39.7	1.5	72.5	54.0	4,000	5,300	1.34	5309	
50	90	30.2	1	51	42	4700	6300	0,76	3210	A
50	110	44.4	2	81	62	4200	5600	1,6	3310	A
50	90	30.2	1.1	51.0	42.0	4,000	5,300	0.689	5210	
50	110	44.4	2	85.5	64.5	3,600	4,800	1.81	5310	
55	100	33.3	1,5	63	52	4300	5700	0,876	3211	A
55	120	49.2	2	102	79	3800	5100	2,11	3311	A
55	120	49.2	2	101	113	3800	5100	2,53	3311	B
55	100	33.3	1.5	63.0	53.0	3,600	4,900	0.986	5211	
55	120	49.2	2	106	82.0	3,300	4,400	2.32	5311	
60	110	36.5	1,5	72	61	3900	5200	1,18	3212	A
60	130	54	2	125	98	3500	4600	2,7	3312	A
60	110	36.5	1.5	71.5	58.5	3,400	4,500	1.27	5212	
60	130	54	2.1	122	95.5	3,000	4,000	3.05	5312	
65	120	38.1	1,5	80	73	3500	4700	1,52	3213	A
65	140	58.7	2	149	118	3200	4300	3,39	3313	A
65	120	38.1	1.5	83.5	72.5	3,100	4,200	1.57	5213	
65	140	58.7	2.1	138	109	2,800	3,700	3.96	5313	
70	125	39.7	1,5	84	76	3400	4600	1,52	3214	A
70	150	63.5	2	147	172	3000	4000	5,05	3314	B
70	125	39.7	1.5	90.5	79.5	2,900	3,900	1.8	5214	
70	150	63.5	2.1	155	125	2,600	3,500	4.74	5314	
75	130	41.3	1,5	77	84	3200	4200	1,91	3215	A
75	130	41.3	1.5	90.0	80.5	2,700	3,600	1.9	5215	
75	160	68.3	2.1	168	141	2,400	3,200	5.65	5315	
80	140	44.4	2	99	93	3000	4000	2,45	3216	A
80	140	44.4	2	106	95.5	2,500	3,400	2.39	5216	
85	150	49.2	2	112	106	2,400	3,200	3.06	5217	
90	160	52.4	2	140	129	2,200	3,000	3.73	5218	
95	170	55.6	2.1	159	148	2,100	2,800	4.86	5219	
100	180	60.3	2.1	178	167	2,000	2,700	5.94	5220	

ROLAMENTOS OSCILANTES DE ROLOS ESFÉRICOS



CATÁLOGO ROLAMENTOS



Dimensões Básicas (mm)				Capacidade de Carga Básica (kN)		Limite de Rotação (RPM)		Peso (Kg)	Especificação RBM	
d	D	B	rs (min)	Dinam C	Estat Co	Graxa	Óleo	Aprox	Número	Sufixo
25	52	18	1	36.5	36	6,500	10,000	0.182	22205	K
25	52	18	1	36.5	36	6,500	10,000	0.186	22205	
30	62	20	1	49	49	5,700	8,800	0.282	22206	K
30	62	20	1	49	49	5,700	8,800	0.287	22206	
35	72	23	1.1	69.5	71	4,900	7,500	0.437	22207	K
35	72	23	1.1	69.5	71	4,900	7,500	0.446	22207	
40	90	23	1.5	88	90	3,200	4,900	0.694	21308	K
40	90	23	1.5	88	90	3,200	4,900	0.705	21308	
40	80	23	1.1	79	88.5	4,300	6,600	0.515	22208	K
40	80	23	1.1	79	88.5	4,300	6,600	0.526	22208	
40	90	33	1.5	121	128	3,800	5,900	0.951	22308	K
40	90	33	1.5	121	128	3,800	5,900	0.974	22308	
45	100	25	1.5	102	106	2,900	4,400	0.912	21309	K
45	100	25	1.5	102	106	2,900	4,400	0.927	21309	
45	85	23	1.1	82.5	95	3,800	5,900	0.572	22209	K
45	85	23	1.1	82.5	95	3,800	5,900	0.584	22209	
45	100	36	1.5	148	167	3,400	5,300	1.3	22309	K
45	100	36	1.5	148	167	3,400	5,300	1.33	22309	
50	110	27	2	118	127	2,600	4,000	1.19	21310	K
50	110	27	2	118	127	2,600	4,000	1.21	21310	
50	90	23	1.1	86	102	3,500	5,300	0.616	22210	K
50	90	23	1.1	86	102	3,500	5,300	0.63	22210	
50	110	40	2	186	212	3,100	4,800	1.75	22310	K
50	110	40	2	186	212	3,100	4,800	1.79	22310	
55	120	29	2	145	163	2,400	3,700	1.69	21311	K
55	120	29	2	145	163	2,400	3,700	1.71	21311	
55	100	25	1.5	118	144	3,200	4,900	0.79	22211	K
55	100	25	1.5	118	144	3,200	4,900	0.808	22211	
55	120	43	2	204	234	2,800	4,400	2.25	22311	K
55	120	43	2	204	234	2,800	4,400	2.3	22311	
60	130	31	2.1	167	191	2,200	3,400	2.07	21312	K
60	130	31	2.1	167	191	2,200	3,400	2.1	21312	
60	110	28	1.5	115	147	2,900	4,500	1.13	22212	K
60	110	28	1.5	115	147	2,900	4,500	1.15	22212	
60	130	46	2.1	238	273	2,600	4,000	2.83	22312	K
60	130	46	2.1	238	273	2,600	4,000	2.9	22312	
65	140	33	2.1	194	228	2,000	3,100	2.51	21313	K
65	140	33	2.1	194	228	2,000	3,100	2.55	21313	
65	120	31	1.5	143	179	2,700	4,200	1.47	22213	K
65	120	31	1.5	143	179	2,700	4,200	1.5	22213	
65	140	48	2.1	265	320	2,400	3,700	3.37	22313	K
65	140	48	2.1	265	320	2,400	3,700	3.45	22313	
70	150	35	2.1	220	262	1,900	2,900	3.14	21314	K
70	150	35	2.1	220	262	1,900	2,900	3.18	21314	
70	125	31	1.5	154	201	2,500	3,900	1.52	22214	K
70	125	31	1.5	154	201	2,500	3,900	1.55	22214	
70	150	51	2.1	325	380	2,300	3,500	4.12	22314	K
70	150	51	2.1	325	380	2,300	3,500	4.22	22314	
75	160	37	2.1	239	287	1,800	2,700	3.76	21315	K
75	160	37	2.1	239	287	1,800	2,700	3.81	21315	
75	130	31	1.5	166	223	2,300	3,600	1.61	22215	K
75	130	31	1.5	166	223	2,300	3,600	1.65	22215	
75	160	55	2.1	330	410	2,100	3,200	5.13	22315	K
75	160	55	2.1	330	410	2,100	3,200	5.25	22315	
80	170	39	2.1	260	315	1,700	2,500	4.47	21316	K
80	170	39	2.1	260	315	1,700	2,500	4.53	21316	
80	140	33	2	213	277	2,200	3,400	1.94	22216	K
80	140	33	2	213	277	2,200	3,400	1.99	22216	
80	170	58	2.1	385	470	2,000	3,000	5.91	22316	K

CATÁLOGO ROLAMENTOS

Dimensões Básicas (mm)				Capacidade de Carga Básica (KN)		Limite de Rotação (RPM)		Peso (Kg)	Especificação RBM	
d	D	B	rs (min)	Dinam C	Estat Co	Graxa	Óleo	Aprox	Número	Sufixo
80	170	58	2.1	385	470	2,000	3,000	6.05	22316	
85	180	41	3	289	355	1,600	2,400	5.28	21317	K
85	180	41	3	289	355	1,600	2,400	5.35	21317	
85	150	36	2	251	320	2,100	3,200	2.43	22217	K
85	150	36	2	251	320	2,100	3,200	2.49	22217	
85	180	60	3	415	510	1,900	2,900	6.94	22317	K
85	180	60	3	415	510	1,900	2,900	7.1	22317	
90	190	43	3	320	400	1,500	2,300	6.21	21318	K
90	190	43	3	320	400	1,500	2,300	6.3	21318	
90	160	40	2	292	385	1,900	3,000	3.16	22218	K
90	160	40	2	292	385	1,900	3,000	3.24	22218	
90	190	64	3	480	590	1,800	2,700	8.16	22318	K
90	190	64	3	480	590	1,800	2,700	8.35	22318	
90	160	52.4	2	315	455	1,800	2,800	4.32	23218	K
90	160	52.4	2	315	455	1,800	2,800	4.45	23218	
95	200	45	3	335	420	1,400	2,100	7	21319	K
95	200	45	3	335	420	1,400	2,100	7.1	21319	
95	170	43	2.1	294	390	1,800	2,800	4.01	22219	K
95	170	43	2.1	294	390	1,800	2,800	4.1	22219	
95	200	67	3	500	615	1,600	2,500	9.54	22319	K
95	200	67	3	500	615	1,600	2,500	9.76	22319	
100	215	47	3	370	465	1,300	2,000	8.78	21320	K
100	215	47	3	370	465	1,300	2,000	8.89	21320	
100	180	46	2.1	315	415	1,700	2,700	4.84	22220	K
100	180	46	2.1	315	415	1,700	2,700	4.95	22220	
100	215	73	3	605	755	1,600	2,400	12.1	22320	K
100	215	73	3	605	755	1,600	2,400	12.4	22320	
100	165	52	2	310	470	1,700	2,600	4.16	23120	K
100	165	52	2	310	470	1,700	2,600	4.3	23120	
100	180	60.3	2.1	405	580	1,600	2,500	6.28	23220	K
100	180	60.3	2.1	405	580	1,600	2,500	6.47	23220	
110	240	50	3	495	615	1,200	1,800	11.1	21322	K
110	240	50	3	495	615	1,200	1,800	11.2	21322	
110	200	53	2.1	410	570	1,600	2,400	7.04	22222	K
110	200	53	2.1	410	570	1,600	2,400	7.2	22222	
110	240	80	3	745	930	1,400	2,200	16.7	22322	K
110	240	80	3	745	930	1,400	2,200	17.1	22322	
110	170	45	2	282	455	1,800	2,800	3.58	23022	K
110	170	45	2	282	455	1,800	2,800	3.71	23022	
110	180	56	2	370	580	1,500	2,400	5.22	23122	K
110	180	56	2	370	580	1,500	2,400	5.4	23122	
110	200	69.8	2.1	515	760	1,400	2,200	9.43	23222	K
110	200	69.8	2.1	515	760	1,400	2,200	9.71	23222	
110	180	69	2	450	755	1,500	2,400	6.96	24122	K30
110	180	69	2	450	755	1,500	2,400	7.07	24122	
120	215	58	2.1	485	700	1,400	2,200	8.89	22224	K
120	215	58	2.1	485	700	1,400	2,200	9.1	22224	
120	260	86	3	880	1,120	1,300	2,000	21	22324	K
120	260	86	3	880	1,120	1,300	2,000	21.5	22324	
120	180	46	2	296	495	1,700	2,600	3.9	23024	K
120	180	46	2	296	495	1,700	2,600	4.05	23024	
120	200	62	2	455	705	1,400	2,100	7.46	23124	K
120	200	62	2	455	705	1,400	2,100	7.7	23124	
120	215	76	2.1	585	880	1,300	2,000	11.7	23224	K
120	215	76	2.1	585	880	1,300	2,000	12.1	23224	
120	180	60	2	390	670	1,500	2,300	5.39	24024	K30
120	180	60	2	390	670	1,500	2,300	5.48	24024	
120	200	80	2	575	945	1,400	2,100	10.1	24124	K30
120	200	80	2	575	945	1,400	2,100	10.3	24124	
130	230	64	3	570	790	1,300	2,000	10.9	22226	K
130	230	64	3	570	790	1,300	2,000	11.2	22226	
130	280	93	4	1,000	1,290	1,200	1,800	26.2	22326	K
130	280	93	4	1,000	1,290	1,200	1,800	26.8	22326	
130	200	52	2	375	620	1,500	2,300	5.69	23026	K
130	200	52	2	375	620	1,500	2,300	5.9	23026	
130	210	64	2	495	795	1,300	2,000	8.2	23126	K
130	210	64	2	495	795	1,300	2,000	8.47	23126	
130	230	80	3	685	1,060	1,200	1,900	13.9	23226	K
130	230	80	3	685	1,060	1,200	1,900	14.3	23226	
130	200	69	2	505	895	1,300	2,100	7.95	24026	K30
130	200	69	2	505	895	1,300	2,100	8.08	24026	
130	210	80	2	585	995	1,300	2,000	10.8	24126	K30
130	210	80	2	585	995	1,300	2,000	11	24126	

CATÁLOGO ROLAMENTOS

Dimensões Básicas (mm)				Capacidade de Carga Básica (KN)		Limite de Rotação (RPM)		Peso (Kg)	Especificação RBM	
d	D	B	rs (min)	Dinam C	Estat Co	Graxa	Óleo	Aprox	Número	Sufixo
140	250	68	3	685	975	1,200	1,900	13.7	22228	K
140	250	68	3	685	975	1,200	1,900	14	22228	
140	300	102	4	1,130	1,460	1,100	1,700	33	22328	K
140	300	102	4	1,130	1,460	1,100	1,700	33.8	22328	
140	210	53	2	405	690	1,400	2,200	6.12	23028	K
140	210	53	2	405	690	1,400	2,200	6.35	23028	
140	225	68	2.1	540	895	1,200	1,800	9.86	23128	K
140	225	68	2.1	540	895	1,200	1,800	10.2	23128	
140	250	88	3	805	1,270	1,100	1,700	18.2	23228	K
140	250	88	3	805	1,270	1,100	1,700	18.8	23228	
140	210	69	2	510	945	1,200	1,900	8.43	24028	K30
140	210	69	2	510	945	1,200	1,900	8.57	24028	
140	225	85	2.1	670	1,150	1,200	1,800	13.1	24128	K30
140	225	85	2.1	670	1,150	1,200	1,800	13.3	24128	
150	270	73	3	775	1,160	1,100	1,700	17.7	22230	K
150	270	73	3	775	1,160	1,100	1,700	18.1	22230	
150	320	108	4	1,270	1,750	1,000	1,600	41.8	22330	K
150	320	108	4	1,270	1,750	1,000	1,600	42.7	22330	
150	225	56	2.1	445	775	1,300	2,000	7.45	23030	K
150	225	56	2.1	445	775	1,300	2,000	7.73	23030	
150	250	80	2.1	730	1,190	1,100	1,700	15.1	23130	K
150	250	80	2.1	730	1,190	1,100	1,700	15.6	23130	
150	270	96	3	935	1,460	1,000	1,600	23.4	23230	K
150	270	96	3	935	1,460	1,000	1,600	24.1	23230	
150	225	75	2.1	585	1,060	1,200	1,800	10.5	24030	K30
150	225	75	2.1	585	1,060	1,200	1,800	10.7	24030	
150	250	100	2.1	885	1,520	1,100	1,700	20	24130	K30
150	250	100	2.1	885	1,520	1,100	1,700	20.2	24130	
160	290	80	3	870	1,290	1,000	1,600	22.2	22232	K
160	290	80	3	870	1,290	1,000	1,600	22.7	22232	
160	340	114	4	1,410	1,990	940	1,500	49.7	22332	K
160	340	114	4	1,410	1,990	940	1,500	50.8	22332	
160	240	60	2.1	505	885,000	1,200	1,900	9.09	23032	K
160	240	60	2.1	505	885,000	1,200	1,900	9.42	23032	
160	270	86	2.1	840	1,370	1,000	1,600	19.2	23132	K
160	270	86	2.1	840	1,370	1,000	1,600	19.8	23132	
160	290	104	3	1,050	1,660	960	1,500	29.1	23232	K
160	290	104	3	1,050	1,660	960	1,500	30	23232	
160	240	80	2.1	650	1,200	1,100	1,700	12.8	24032	K30
160	240	80	2.1	650	1,200	1,100	1,700	13	24032	
160	270	109	2.1	1,040	1,780	1,000	1,600	25.6	24132	K30
160	270	109	2.1	1,040	1,780	1,000	1,600	26	24132	
170	310	86	4	1,000	1,520	980	1,500	27.3	22234	K
170	310	86	4	1,000	1,520	980	1,500	28	22234	
170	360	120	4	1,540	2,180	880	1,400	58.5	22334	K
170	360	120	4	1,540	2,180	880	1,400	59.8	22334	
170	260	67	2.1	630	1,080	1,100	1,800	12.3	23034	K
170	260	67	2.1	630	1,080	1,100	1,800	12.7	23034	
170	280	88	2.1	885	1,490	960	1,500	20.8	23134	K
170	280	88	2.1	885	1,490	960	1,500	21.5	23134	
170	310	110	4	1,180	1,960	910	1,400	35.7	23234	K
170	310	110	4	1,180	1,960	910	1,400	36.8	23234	
170	260	90	2.1	800	1,470	1,000	1,600	17.4	24034	K30
170	260	90	2.1	800	1,470	1,000	1,600	17.7	24034	
170	280	109	2.1	1,080	1,880	960	1,500	26.8	24134	K30
170	280	109	2.1	1,080	1,880	960	1,500	27.2	24134	
180	320	86	4	1,040	1,610	920	1,400	28.6	22236	K
180	320	86	4	1,040	1,610	920	1,400	29.3	22236	
180	380	126	4	1,740	2,560	830	1,300	68.5	22336	K
180	380	126	4	1,740	2,560	830	1,300	70	22336	
180	280	74	2.1	740	1,290	1,100	1,700	16.1	23036	K
180	280	74	2.1	740	1,290	1,100	1,700	16.7	23036	
180	300	96	3	1,030	1,730	900	1,400	24.2	23136	K
180	300	96	3	1,030	1,730	900	1,400	25.1	23136	
180	320	112	4	1,230	2,000	850	1,300	37.8	23236	K
180	320	112	4	1,230	2,000	850	1,300	39	23236	
180	250	52	2	440	835	1,200	1,800	7.95	23936	K
180	250	52	2	440	835	1,200	1,800	8.21	23936	
180	280	100	2.1	965	1,770	950	1,500	22.9	24036	K30
180	280	100	2.1	965	1,770	950	1,500	23.3	24036	
180	300	118	3	1,250	2,210	900	1,400	33.8	24136	K30
180	300	118	3	1,250	2,210	900	1,400	34.3	24136	

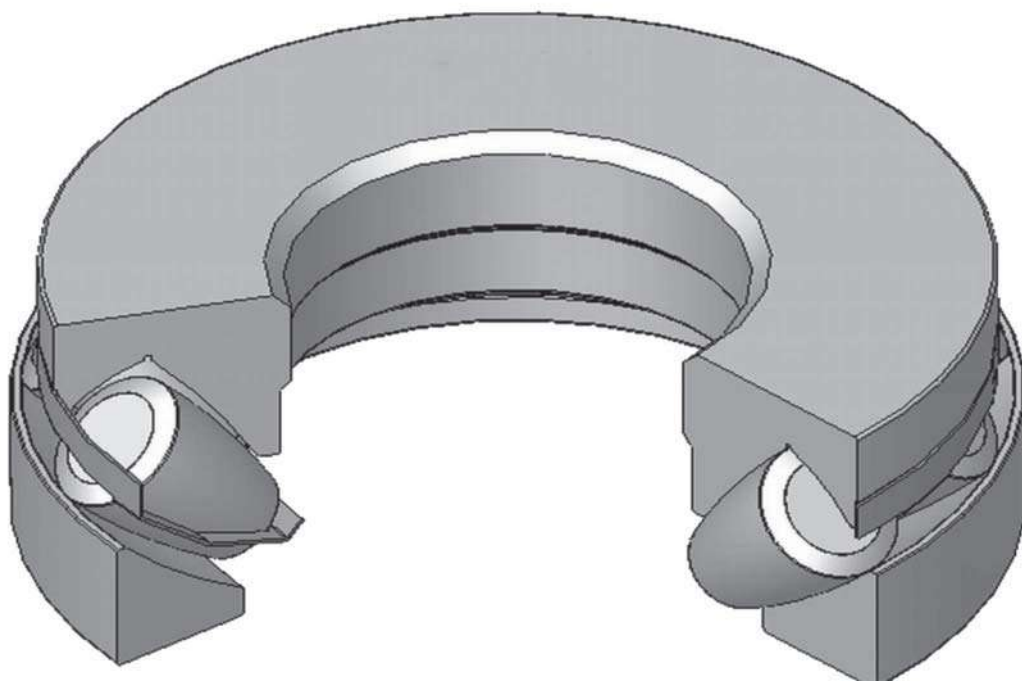
CATÁLOGO ROLAMENTOS

Dimensões Básicas (mm)				Capacidade de Carga Básica (KN)		Limite de Rotação (RPM)		Peso (Kg)	Especificação RBM	
d	D	B	rs (min)	Dinam C	Estat Co	Graxa	Óleo	Aprox	Número	Sufixo
190	340	92	4	1,160	1,810	860	1,300	35.8	22238	K
190	340	92	4	1,160	1,810	860	1,300	36.6	22238	
190	400	132	5	1,870	2,790	780	1,200	79.3	22338	K
190	400	132	5	1,870	2,790	780	1,200	81	22338	
190	290	75	2.1	755	1,350	1,000	1,600	17.1	23038	K
190	290	75	2.1	755	1,350	1,000	1,600	17.7	23038	
190	320	104	3	1,190	2,020	850	1,300	34.2	23138	K
190	320	104	3	1,190	2,020	850	1,300	35.3	23138	
190	340	120	4	1,400	2,330	790	1,200	46.2	23238	K
190	340	120	4	1,400	2,330	790	1,200	47.6	23238	
190	260	52	2	460	890	1,100	1,700	8.34	23938	K
190	260	52	2	460	890	1,100	1,700	8.6	23938	
190	290	100	2.1	995	1,850	900	1,400	23.9	24038	K30
190	290	100	2.1	995	1,850	900	1,400	24.3	24038	
190	320	128	3	1,420	2,480	850	1,300	42.2	24138	K30
190	320	128	3	1,420	2,480	850	1,300	42.8	24138	
200	360	98	4	1,310	2,010	820	1,300	43	22240	K
200	360	98	4	1,310	2,010	820	1,300	44	22240	
200	420	138	5	2,040	3,050	740	1,100	91.2	22340	K
200	420	138	5	2,040	3,050	740	1,100	93.2	22340	
200	310	82	2.1	915	1,620	960	1,500	21.9	23040	K
200	310	82	2.1	915	1,620	960	1,500	22.7	23040	
200	340	112	3	1,350	2,270	800	1,200	42	23140	K
200	340	112	3	1,350	2,270	800	1,200	43.3	23140	
200	360	128	4	1,610	2,640	750	1,200	55.5	23240	K
200	360	128	4	1,610	2,640	750	1,200	57.2	23240	
200	280	60	2.1	545	1,100	1,000	1,600	11.7	23940	K
200	280	60	2.1	545	1,100	1,000	1,600	12.1	23940	
200	310	109	2.1	1,160	2,140	850	1,300	30.5	24040	K30
200	310	109	2.1	1,160	2,140	850	1,300	31	24040	
200	340	140	3	1,630	2,900	800	1,200	52.6	24140	K30
200	340	140	3	1,630	2,900	800	1,200	53.4	24140	
220	400	108	4	1,580	2,460	730	1,100	59.1	22244	K
220	400	108	4	1,580	2,460	730	1,100	60.4	22244	
220	460	145	5	2,350	3,500	660	1,000	115	22344	K
220	460	145	5	2,350	3,500	660	1,000	117	22344	
220	340	90	3	1,060	1,920	870	1,300	28.8	23044	K
220	340	90	3	1,060	1,920	870	1,300	29.9	23044	
220	370	120	4	1,540	2,670	720	1,100	51.6	23144	K
220	370	120	4	1,540	2,670	720	1,100	53.3	23144	
220	400	144	4	2,010	3,350	670	1,000	77.6	23244	K
220	400	144	4	2,010	3,350	670	1,000	80	23244	
220	300	60	2.1	565	1,170	930	1,400	12.7	23944	K
220	300	60	2.1	565	1,170	930	1,400	13.1	23944	
220	340	118	3	1,350	2,570	770	1,200	39.6	24044	K30
220	340	118	3	1,350	2,570	770	1,200	40.2	24044	
220	370	150	4	1,880	3,400	720	1,100	66	24144	K30
220	370	150	4	1,880	3,400	720	1,100	67	24144	
240	440	120	4	1,940	3,100	660	1,000	80	22248	K
240	440	120	4	1,940	3,100	660	1,000	81.7	22248	
240	500	155	5	2,720	4,100	600	930	145	22348	K
240	500	155	5	2,720	4,100	600	930	148	22348	
240	360	92	3	1,130	2,140	790	1,200	32.2	23048	K
240	360	92	3	1,130	2,140	790	1,200	33.4	23048	
240	400	128	4	1,730	3,050	650	1,000	63.8	23148	K
240	400	128	4	1,730	3,050	650	1,000	65.8	23148	
240	440	160	4	2,430	4,100	610	940	105	23248	K
240	440	160	4	2,430	4,100	610	940	108	23248	
240	320	60	2.1	565	1,190	840	1,300	13.6	23948	K
240	320	60	2.1	565	1,190	840	1,300	14	23948	
240	360	118	3	1,410	2,770	700	1,100	42.3	24048	K30
240	360	118	3	1,410	2,770	700	1,100	43	24048	
240	400	160	4	2,110	3,800	650	1,000	80.9	24148	K30
240	400	160	4	2,110	3,800	650	1,000	82.2	24148	
260	480	130	5	2,230	3,600	610	930	104	22252	K
260	480	130	5	2,230	3,600	610	930	106	22252	
260	540	165	6	3,100	4,750	550	850	179	22352	K
260	540	165	6	3,100	4,750	550	850	183	22352	
260	400	104	4	1,420	2,620	720	1,100	46.8	23052	K
260	400	104	4	1,420	2,620	720	1,100	48.5	23052	
260	440	144	4	2,140	3,850	600	920	88.6	23152	K
260	440	144	4	2,140	3,850	600	920	91.4	23152	
260	480	174	5	2,760	4,700	560	860	137	23252	K

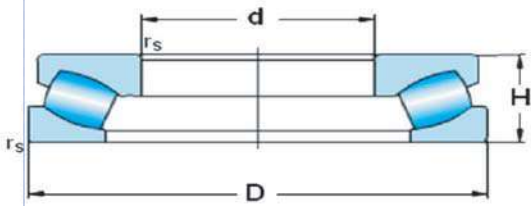
CATÁLOGO ROLAMENTOS

Dimensões Básicas (mm)				Capacidade de Carga Básica (kN)		Limite de Rotação (RPM)		Peso (Kg)	Especificação RBM	
d	D	B	rs (min)	Dinam C	Estat Co	Graxa	Óleo	Aprox	Número	Sufixo
260	480	174	5	2,760	4,700	560	860	141	23252	
260	360	75	2.1	760	1,580	770	1,200	23.3	23952	K
260	360	75	2.1	760	1,580	770	1,200	24	23952	
260	400	140	4	1,830	3,550	640	980	64.1	24052	K30
260	400	140	4	1,830	3,550	640	980	65.2	24052	
260	440	180	4	2,510	4,600	600	920	112	24152	K30
260	440	180	4	2,510	4,600	600	920	114	24152	
280	500	130	5	2,310	3,800	560	860	110	22256	K
280	500	130	5	2,310	3,800	560	860	112	22256	
280	580	175	6	3,500	5,350	500	780	220	22356	K
280	580	175	6	3,500	5,350	500	780	224	22356	
280	420	106	4	1,510	2,920	660	1,000	50.6	23056	K
280	420	106	4	1,510	2,920	660	1,000	52.4	23056	
280	460	146	5	2,300	4,250	550	850	94.6	23156	K
280	460	146	5	2,300	4,250	550	850	97.7	23156	
280	500	176	5	2,930	5,150	510	790	145	23256	K
280	500	176	5	2,930	5,150	510	790	150	23256	
280	380	75	2.1	830	1,750	710	1.100	25.6	23956	K
280	380	75	2.1	830	1,750	710	1.100	26.4	23956	
280	460	180	5	2,730	5,200	550	850	118	24156	K30
280	460	180	5	2,730	5,200	550	850	120	24156	
300	540	140	5	2,670	4,350	510	790	138	22260	K
300	540	140	5	2,670	4,350	510	790	141	22260	
300	620	185	7.5	3,600	5,400	470	720	265	22360	K
300	620	185	7.5	3,600	5,400	470	720	270	22360	
300	460	118	4	1,890	3,550	610	940	70.2	23060	K
300	460	118	4	1,890	3,550	610	940	72.4	23060	
300	500	160	5	2,750	5,000	510	780	127	23160	K
300	500	160	5	2,750	5,000	510	780	131	23160	
300	540	192	5	3,450	6,000	470	730	193	23260	

ROLAMENTOS AXIAL OSCILANTES DE ROLOS ESFÉRICOS



CATÁLOGO ROLAMENTOS

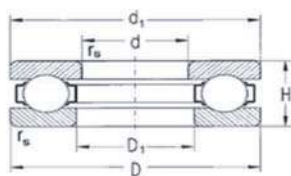


Dimensões Básicas (mm)				Capacidade de Carga Básica (kN)		Limite de Rotação (RPM)	Peso (Kg)	Especificação RBM
d	D	B	rs (min)	Dinam C	Estat Co	Óleo	Aprox	Número
60	130	42	1.5	283	805	2,600	2.78	29412
65	140	45	2.0	330	945	2,400	3.44	29413
70	150	48	2.0	365	1,040	2,200	4.19	29414
75	160	51	2.0	415	1,190	2,100	5.07	29415
80	170	54	2.1	460	1,380	1,900	6.09	29416
85	150	39	1.5	265	820	2,300	2.94	29317
85	180	58	2.1	490	1,480	1,800	7.2	29417
90	155	39	1.5	285	915	2,300	3.08	29318
90	190	60	2.1	545	1,680	1,700	8.38	29418
100	170	42	1.5	345	1,160	2,100	3.94	29320
100	210	67	3.0	685	2130	1,500	11.5	29420
110	190	48	2.0	445	1,500	1,800	5.78	29322
110	230	73	3.0	845	2,620	1,400	15.00	29422
120	210	54	2.1	535	1,770	1,600	7.92	29324
120	250	78	4.0	975	3,050	1,300	18.6	29424
130	225	58	2.1	615	2,100	1,500	9.76	29326
130	270	85	4.0	1,080	3,550	1,200	23.7	29426
140	240	60	2.1	685	2,360	1,400	11.4	29328
140	280	85	4.0	1,110	3,750	1,200	25.2	29428
150	215	39	1.5	340	1,340	1,800	4.56	29230
150	250	60	2.1	675	2,390	1,400	12.00	29330
150	300	90	4.0	1,280	4,350	1,100	30.5	29430
160	225	39	1.5	360	1,460	1,700	4.88	29232
160	270	67	3.0	820	2,860	1,300	15.9	29332
160	320	95	5.0	1,500	5,150	1,000	37.00	29432
170	240	42	1.5	425	1,770	1,600	6.02	29234
170	280	67	3.0	855	3,050	1,200	16.6	29334
170	340	103	5.0	1,66	5,750	940	45.00	29434
180	250	42	1.5	450	1,920	1,600	6.27	29236
180	300	73	3.0	995	3,600	1,100	21.2	29336
180	360	109	5.0	1,840	6,200	890	52.9	29436
190	270	48	2.0	530	2,230	1,400	8.8	29238
190	320	78	4.0	1,150	4,250	1,100	26.00	29338
190	380	115	5.0	2,010	6,800	840	62.00	29438
200	280	48	2.0	535	2,300	1,400	9.14	29240
200	340	85	4.0	1,280	4,600	980	31.9	29340
200	400	122	5.0	2,230	7,650	790	73.3	29440

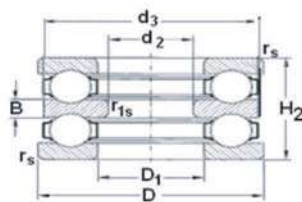
ROLAMENTOS AXIAIS DE ESFERAS



CATÁLOGO ROLAMENTOS



Série: 511; 512; 513; 514



Série: 522; 523; 524

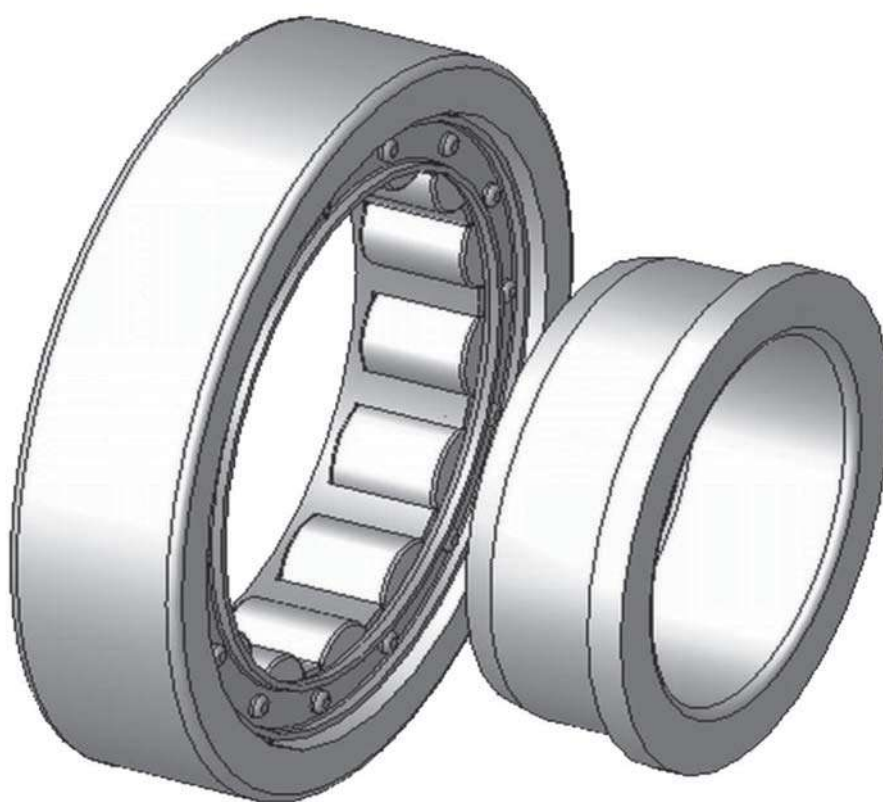


Dimensões Básicas									Capacidade de Carga Básica		Limite de Rotação		Peso	Rolamento
d, d ₂	D	d ₁	d ₃	D ₁	B	H; H ₂	r _s (min)	r _{1s} (min)	Dinam C	Estat Co	a graxa	a óleo	Kg	RBM
mm									KN		RPM		Kg	Número
10	24	24		11		9	0.3		10.0	9.09	7,900	10,600	0.02	51100
10	32		32.0	17	5	22	0.6	0.3	15.8	16.5	6,000	7,900	0.08	52202
12	26	26		13		9	0.3		10.4	10.40	7,500	10,000	0.02	51101
15	28	28		16		9	0.3		10.6	11.90	7,100	9,400	0.02	51102
15	32	13		17		12	0.6		15.8	16.50	6,000	7,900	0.05	51202
15	40		40.0	22	6	26	0.6	0.3	22.4	26.1	5,000	6,700	0.15	52204
15	60		60.0	27	11	45	1.0	0.6	55.2	55.2	3,200	4,200	0.63	52405
17	30	30		18		9	0.3		11.4	14.40	7,100	9,400	0.03	51103
17	35	35		19		12	0.6		16.2	18.80	5,600	7,500	0.05	51203
20	35	35		21		10	0.3		15.0	19.60	6,300	8,400	0.04	51104
20	40	40		22		14	0.6		22.4	26.10	5,000	6,700	0.08	51204
20	47		47.0	27	7	28	0.6	0.3	27.6	36.2	4,500	6,000	0.23	52205
20	52		52.0	27	8	34	1.0	0.3	35.5	42.2	3,800	5,000	0.33	52305
20	70		70.0	32	12	52	1.0	0.6	72.2	81.0	2,700	3,500	1.00	52406
25	42	42		26		11	0.6		18.1	27.10	5,300	7,100	0.06	51105
25	47	47		27		15	0.6		27.6	36.20	4,500	6,000	0.12	51205
25	52	52		27		18	1.0		35.5	42.20	3,800	5,000	0.18	51305
25	60	60		27		24	1.0		55.2	55.20	3,200	4,200	0.34	51405
25	52		52.0	32	7	29	0.6	0.3	29.3	43.8	4,000	5,300	0.27	52206
25	60		60.0	32	9	38	1.0	0.3	43.0	55.2	3,300	4,500	0.49	52306
25	80		80.0	37	14	59	1.1	0.6	87.4	100.0	2,200	3,000	1.44	52407
30	47	47		32		11	0.6		18.8	31.60	5,000	6,700	0.07	51106
30	52	52		32		16	0.6		29.3	43.80	4,000	5,300	0.14	51206
30	60	60		32		21	1.0		43.0	55.20	3,300	4,500	0.27	51306
30	70	70		32		28	1.0		72.2	81.00	2,700	3,500	0.53	51406
30	62		62.0	37	8	34	1.0	0.3	39.1	58.4	3,500	4,700	0.42	52207
30	68		68.0	42	9	36	1.0	0.6	43.8	70.8	3,200	4,200	0.54	52208
30	68		68.0	37	10	44	1.0	0.3	55.2	73.6	2,800	3,800	0.71	52307
30	78		78.0	42	12	49	1.0	0.6	69.4	94.4	2,700	3,500	1.06	52308
30	90		90.0	42	15	65	1.1	0.6	112.0	133.0	2,000	2,700	2.03	52408
35	52	52		37		12	0.6		20.0	38.30	4,700	6,300	0.08	51107
35	62	62		37		18	1.0		39.1	58.40	3,500	4,700	0.22	51207
35	68	68		37		24	1.0		55.2	73.60	2,800	3,800	0.39	51307
35	80	80		37		32	1.1		87.4	100.00	2,200	3,000	0.79	51407
35	73		73.0	47	9	37	1.0	0.6	46.4	81.0	3,000	4,000	0.62	52209
35	85		85.0	47	12	52	1.0	0.6	79.4	117.0	2,400	3,200	1.29	52309
35	100		100.0	47	17	72	1.1	0.6	131.0	158.0	1,900	2,500	2.71	52409
40	60	60		42		13	0.6		27.1	51.10	4,200	5,600	0.12	51108
40	68	68		42		19	1.0		43.8	70.80	3,200	4,200	0.27	51208
40	78	78		42		26	1.0		69.4	94.40	2,700	3,500	0.55	51308
40	90	90		42		36	1.1		120.0	133.00	2,000	2,700	1.14	51408
40	78		78.0	52	9	39	1.0	0.6	47.3	87.4	2,800	3,800	0.71	52210
45	65	65		47		14	0.6		27.6	57.30	4,000	5,300	0.15	51109
45	73	73		47		20	1.0		46.4	81.00	3,000	4,000	0.32	51209
45	85	85		47		28	1.0		79.4	117.00	2,400	3,200	0.69	51309
45	100	100		47		39	1.1		131.0	158.00	1,900	2,500	1.47	51409
45	90		90.0	57	10	45	1.0	0.6	69.4	123.0	2,500	3,300	1.12	52211
45	105		105.0	57	15	64	1.1	0.6	91.5	174.0	1,900	2,500	2.51	52311
45	120		120.0	57	20	87	1.5	0.6	156.0	251.0	1,600	2,100	4.70	52411
50	70	70		52		14	0.6		28.7	63.10	3,800	5,000	0.16	51110
50	78	78		52		22	1.0		47.3	87.40	2,800	3,800	0.39	51210
50	110		110.0	62	15	64	1.1	0.6	95.0	192.0	1,900	2,500	2.68	52312
55	78	78		57		16	0.6		34.8	77.90	3,300	4,500	0.24	51111
55	90	90		57		25	1.0		69.4	123.00	2,500	3,300	0.61	51211
55	105	105		57		35	1.1		119.0	174.00	1,900	2,500	1.34	51311
55	120	120		57		48	1.5		207.0	251.00	1,600	2,100	2.64	51411
55	100		100.0	67	10	47	1.0	0.6	75.0	150.0	2,400	3,200	1.36	52213
55	105		105.0	72	10	47	1.0	1.0	76.4	162.0	2,200	3,000	1.48	52214

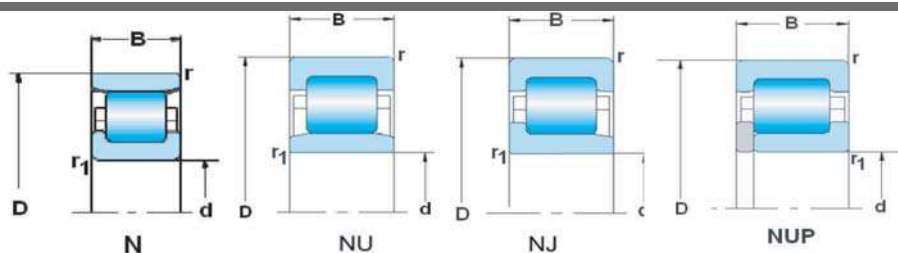
CATÁLOGO ROLAMENTOS

Dimensões Básicas									Capacidade de Carga Básica		Limite de Rotação		Peso	Rolamento
d, d ₂	D	d ₁	d ₃	D ₁	B	H; H ₂	r _s (mm)	r _{1s} (mm)	Dinam C	Estat Co	a graxa	a óleo		
													Kg	
55	115		115.0	67	15	65	1.1	0.6	128.0	211.0	1,800	2,400	2.90	52313
55	125		125.0	72	16	72	1.1	1.0	147.0	251.0	1,700	2,200	3.90	52314
55	150		150.0	73	24	107	2.0	1.0	251.0	369.0	1,200	1,600	9.71	52414
60	85	85		62		17	1.0		41.4	94.4	3,200	4,200	0.29	51112
60	110	110		62		35	1.1		123.0	192.0	1,900	2,500	1.43	51312
60	110		110.0	77	10	47	1.0	1.0	77.9	171.0	2,200	3,000	1.57	52215
60	135		135.0	77	18	79	1.5	1.0	185.0	310.0	1,600	2,100	4.83	52315
65	100	100		67		27	1.0		75.0	150.0	2,400	3,200	0.77	51213
65	115	115		67		36	1.1		128.0	211.0	1,800	2,400	1.57	51313
65	115		115.0	82	10	48	1.0	1.0	79.4	181.0	2,000	2,700	1.69	52216
65	170		170.0	83	27	120	2.1	1.0	316.0	482.0	890	1,200	14.50	52416
70	95	95		72		18	1.0		43.0	110.0	2,800	3,800	0.36	51114
70	105	105		72		27	1.0		76.4	162.0	2,200	3,000	0.81	51214
70	125	125		72		40	1.1		147.0	251.0	1,700	2,200	2.06	51314
70	150	150		73		60	2.0		251.0	369.0	1,200	1,600	5.48	51414
70	125		125.0	88	12	55	1.0	1.0	96.2	215.0	1,900	2,500	2.34	52217
70	150		150.0	88	19	87	1.5	1.0	224.0	376.0	1,300	1,800	6.43	52317
70	190		189.5	93	30	135	2.1	1.1	383.0	619.0	790	1,060	19.60	52418
75	100	100		77		19	1.0		43.8	119.0	2700	3500	0.42	51115
75	110	110		77		27	1.0		77.9	171.0	2200	3000	0.86	51215
75	135	135		77		44	1.5		185.0	310.0	1600	2100	2.68	51315
75	155		155.0	93	19	88	1.5	1.0	233.0	406.0	1,100	1,500	6.60	52318
80	105	105		82		19	1.0		44.7	123.0	2700	3500	0.43	51116
80	115	115		82		28	1.0		79.4	181.0	2000	2700	0.95	51216
80	170	170		83		68	2.1		316.0	482.0	890	1200	7.97	51416
85	110	110		87		19	1.0		45.5	133.0	2700	3500	0.46	51117
85	125	125		88		31	1.0		96.2	215.0	1900	2700	1.29	51217
85	150	150		88		49	1.5		224.0	376.0	1300	1800	3.66	51317
90	120	120		92		22	1.0		59.9	165.0	2200	3000	0.68	51118
90	155	155		93		50	1.5		233.0	406.0	1100	1500	3.88	51318
90	190	187		93		77	2.1		383.0	619.0	790	1060	11.20	51418
100	135	135		102		25	1.0		85.8	228.0	2000	2700	0.99	51120
100	170	170		103		55	1.5		251.0	464.0	1060	1400	5.11	51320
100	210	205		103		85	3.0		447.0	779.0	750	1000	15.00	51420
100	210		209.5	123	27	123	2.1	1.1	348.0	708.0	790	1,060	17.20	52324
110	145	145		112		25	1.0		87.4	251.0	1900	2500	1.08	51122
110	190	187		113		63	2.0		304.0	584.0	890	1200	7.87	51322
110	230	225		113		95	3.0		492.0	909.0	670	890	20.20	51422
120	155	155		122		25	1.0		89.1	271.0	1600	2100	1.16	51124
120	210	205		123		70	2.1		348.0	708.0	790	1060	10.90	51324
120	250	245		123		102	4.0		531.0	1,040.0	630	840	25.50	51424
130	170	170		132		30	1.0		119.0	355.0	1400	1900	1.87	51126
130	225	220		134		75	2.1		369.0	779.0	750	1000	13.30	51326
130	270	265		134		110	4.0		631.0	1280.0	560	750	32.00	51426
140	240	235		144		80	2.1		414.0	962.0	710	940	15.90	51328
140	225		224.5	163	20	90	1.5	1.1	276.0	722.0	890	1,200	12.60	52232
150	190	188		152		31	1.0		123.0	398.0	1300	1800	2.20	51130
160	200	198		162		31	1.0		126.0	422.0	1,300	1,800	2.33	51132
160	225	222		163		51	1.5		276.0	722.0	890	1,200	6.67	51232
170	215	213		172		34	1.1		158.0	511.0	1,200	1,600	3.31	51134
170	240	237		173		55	1.5		282.0	750.0	840	1,100	8.28	51234
180	225	222		185		34	1.1		165.0	562.0	1,100	1,500	3.48	51136
180	250	247		183		56	1.5		304.0	858.0	840	1,100	8.85	51236
190	240	237		193		37	1.1		188.0	656.0	1,060	1,400	4.06	51138
190	270	267		194		62	2.0		355.0	1020.0	750	1,000	11.90	51238
200	250	247		203		37	1.1		185.0	631.0	1,060	1,400	4.24	51140
200	280	277		204		62	2.0		355.0	1020.0	750	1,000	12.40	51240
220	270	267		223		37	1.1		192.0	722.0	1,000	1,300	4.62	51144
240	300	297		243		45	1.5		261.0	926.0	840	1,100	7.55	51148
300	420	415		304		95	3.0		588.0	2255.0	500	670	43.10	51260

ROLAMENTOS DE ROLOS CILINDRICOS



CATÁLOGO ROLAMENTOS



Dimensões Básicas (mm)					Capacidade de Carga Básica (kN)		Limite de Rotação (RPM)		Peso (Kg)	Especificação RBM	
d	D	B	r (min)	r1 (min)	Dinam C	Estat Co	Graxa	Óleo	Aprox	Numero	Sufixo
20	47	14	1	0.6	25.7	22.6	15,000	18,000	0.122	NJ204	E
20	47	18	1	0.6	30.5	28.3	14,000	16,000	0.158	NJ2204	E
20	52	21	1.1	0.6	42.0	39.0	12,000	14,000	0.242	NJ2304	E
20	52	15	1.1	0.6	31.5	26.9	13,000	15,000	0.176	NJ304	E
20	47	14	1	0.6	25.7	22.6	15,000	18,000	0.122	NU204	E
20	47	18	1	0.6	30.5	28.3	14,000	16,000	0.158	NU2204	E
20	52	21	1.1	0.6	42.0	39.0	12,000	14,000	0.242	NU2304	E
20	52	15	1.1	0.6	31.5	26.9	13,000	15,000	0.176	NU304	E
20	47	14	1	0.6	25.7	22.6	15,000	18,000	0.122	NUP204	E
20	47	18	1	0.6	30.5	28.3	14,000	16,000	0.158	NUP2204	E
20	52	21	1.1	0.6	42.0	39.0	12,000	14,000	0.242	NUP2304	E
20	52	15	1.1	0.6	31.5	26.9	13,000	15,000	0.176	NUP304	E
25	47	12	0.6	0.3	15.1	14.1	16,000	19,000	0.091	N1005	
25	47	12	0.6	0.3	15.1	14.1	16,000	19,000	0.092	NJ1005	
25	52	15	1	0.6	29.3	27.7	13,000	15,000	0.151	NJ205	E
25	52	18	1	0.6	35.0	34.5	11,000	13,000	0.186	NJ2205	E
25	62	24	1.1	1.1	57.0	56.0	9,700	11,000	0.386	NJ2305	E
25	62	17	1.1	1.1	41.5	37.5	11,000	13,000	0.275	NJ305	E
25	47	12	0.6	0.3	15.1	14.1	16,000	19,000	0.092	NU1005	
25	52	15	1	0.6	29.3	27.7	13,000	15,000	0.151	NU205	E
25	52	18	1	0.6	35.0	34.5	11,000	13,000	0.186	NU2205	E
25	62	24	1.1	1.1	57.0	56.0	9,700	11,000	0.386	NU2305	E
25	62	17	1.1	1.1	41.5	37.5	11,000	13,000	0.275	NU305	E
25	47	12	0.6	0.3	15.1	14.1	16,000	19,000	0.092	NUP1005	
25	52	15	1	0.6	29.3	27.7	13,000	15,000	0.151	NUP205	E
25	52	18	1	0.6	35.0	34.5	11,000	13,000	0.186	NUP2205	E
25	62	24	1.1	1.1	57.0	56.0	9,700	11,000	0.386	NUP2305	E
25	62	17	1.1	1.1	41.5	37.5	11,000	13,000	0.275	NUP305	E
30	55	13	1	0.6	19.7	19.6	14,000	16,000	0.128	N1006	
30	55	13	1	0.6	19.7	19.6	14,000	16,000	0.13	NJ1006	
30	62	16	1	0.6	39.0	37.5	11,000	13,000	0.226	NJ206	E
30	62	20	1	0.6	49.0	50.0	9,700	11,000	0.297	NJ2206	E
30	72	27	1.1	1.1	74.5	77.5	8,300	9,700	0.58	NJ2306	E
30	72	19	1.1	1.1	53.0	50.0	9,300	11,000	0.398	NJ306	E
30	55	13	1	0.6	19.7	19.6	14,000	16,000	0.13	NU1006	
30	62	16	1	0.6	39.0	37.5	11,000	13,000	0.226	NU206	E
30	62	20	1	0.6	49.0	50.0	9,700	11,000	0.297	NU2206	E
30	72	27	1.1	1.1	74.5	77.5	8,300	9,700	0.58	NU2306	E
30	72	19	1.1	1.1	53.0	50.0	9,300	11,000	0.398	NU306	E
30	55	13	1	0.6	19.7	19.6	14,000	16,000	0.13	NUP1006	
30	62	16	1	0.6	39.0	37.5	11,000	13,000	0.226	NUP206	E
30	62	20	1	0.6	49.0	50.0	9,700	11,000	0.297	NUP2206	E
30	72	27	1.1	1.1	74.5	77.5	8,300	9,700	0.58	NUP2306	E
30	72	19	1.1	1.1	53.0	50.0	9,300	11,000	0.398	NUP306	E
35	62	14	1	0.6	22.6	23.2	12,000	15,000	0.176	N1007	
35	62	14	1	0.6	22.6	23.2	12,000	15,000	0.179	NJ1007	
35	72	17	1.1	0.6	50.5	50.0	9,500	11,000	0.327	NJ207	E
35	72	23	1.1	0.6	61.5	65.5	8,500	10,000	0.455	NJ2207	E
35	80	31	1.5	1.1	99.0	109	7,200	8,500	0.78	NJ2307	E
35	80	21	1.5	1.1	71.0	71.0	8,100	9,600	0.545	NJ307	E
35	62	14	1	0.6	22.6	23.2	12,000	15,000	0.179	NU1007	
35	72	17	1.1	0.6	50.5	50.0	9,500	11,000	0.327	NU207	E
35	72	23	1.1	0.6	61.5	65.5	8,500	10,000	0.455	NU2207	E
35	80	31	1.5	1.1	99.0	109	7,200	8,500	0.78	NU2307	E
35	80	21	1.5	1.1	71.0	71.0	8,100	9,600	0.545	NU307	E
35	62	14	1	0.6	22.6	23.2	12,000	15,000	0.179	NUP1007	
35	72	17	1.1	0.6	50.5	50.0	9,500	11,000	0.327	NUP207	E
35	72	23	1.1	0.6	61.5	65.5	8,500	10,000	0.455	NUP2207	E
35	80	31	1.5	1.1	99.0	109	7,200	8,500	0.78	NUP2307	E
35	80	21	1.5	1.1	71.0	71.0	8,100	9,600	0.545	NUP307	E
40	68	15	1	0.6	27.3	29.0	11,000	13,000	0.217	N1008	
40	80	18	1.1	1.1	43.5	43.0	9,400	11,000	0.37	N208	
40	80	23	1.1	1.1	58.0	62.0	8,500	10,000	0.48	N2208	
40	90	33	1.5	1.5	82.5	88.0	7,000	8,200	0.932	N2308	
40	90	23	1.5	1.5	58.5	57.0	8,000	9,400	0.643	N308	
40	68	15	1	0.6	27.3	29.0	11,000	13,000	0.22	NJ1008	
40	80	18	1.1	1.1	55.5	55.5	8,500	10,000	0.426	NJ208	E
40	80	18	1.1	1.1	43.5	43.0	9,400	11,000	0.378	NJ208	
40	80	23	1.1	1.1	72.5	77.5	7,600	8,900	0.552	NJ2208	E
40	80	23	1.1	1.1	58.0	62.0	8,500	10,000	0.49	NJ2208	
40	90	33	1.5	1.5	114	122	6,400	7,500	1.06	NJ2308	E
40	90	33	1.5	1.5	82.5	88.0	7,000	8,200	0.951	NJ2308	
40	90	23	1.5	1.5	83.0	81.5	7,200	8,500	0.754	NJ308	E
40	90	23	1.5	1.5	58.5	57.0	8,000	9,400	0.658	NJ308	
40	68	15	1	0.6	27.3	29.0	11,000	13,000	0.22	NU1008	

CATÁLOGO ROLAMENTOS

Dimensões Básicas (mm)					Capacidade de Carga Básica (kN)		Limite de Rotação (RPM)		Peso (Kg)	Especificação RBM	
d	D	B	r (min)	r1 (min)	Dinam C	Estat Co	Graxa	Óleo	Aprox	Numero	Sufixo
40	80	18	1.1	1.1	55.5	55.5	8,500	10,000	0.426	NU208	E
40	80	18	1.1	1.1	43.5	43.0	9,400	11,000	0.378	NU208	
40	80	23	1.1	1.1	72.5	77.5	7,600	8,900	0.552	NU2208	E
40	80	23	1.1	1.1	58.0	62.0	8,500	10,000	0.49	NU2208	
40	90	33	1.5	1.5	114	122	6,400	7,500	1.06	NU2308	E
40	90	33	1.5	1.5	82.5	88.0	7,000	8,200	0.951	NU2308	
40	90	23	1.5	1.5	83.0	81.5	7,200	8,500	0.754	NU308	E
40	90	23	1.5	1.5	58.5	57.0	8,000	9,400	0.658	NU308	
40	68	15	1	0.6	27.3	29.0	11,000	13,000	0.22	NUP1008	
40	80	18	1.1	1.1	55.5	55.5	8,500	10,000	0.426	NUP208	E
40	80	18	1.1	1.1	43.5	43.0	9,400	11,000	0.378	NUP208	
40	80	23	1.1	1.1	72.5	77.5	7,600	8,900	0.552	NUP2208	E
40	80	23	1.1	1.1	58.0	62.0	8,500	10,000	0.49	NUP2208	
40	90	33	1.5	1.5	114	122	6,400	7,500	1.06	NUP2308	E
40	90	33	1.5	1.5	82.5	88.0	7,000	8,200	0.951	NUP2308	
40	90	23	1.5	1.5	83.0	81.5	7,200	8,500	0.754	NUP308	E
40	90	23	1.5	1.5	58.5	57.0	8,000	9,400	0.658	NUP308	
45	75	16	1	0.6	31.0	34.0	9,900	12,000	0.276	N1009	
45	85	19	1.1	1.1	46.0	47.0	8,400	9,900	0.423	N209	
45	85	23	1.1	1.1	61.5	68.0	7,600	9,000	0.52	N2209	
45	100	36	1.5	1.5	99.0	104	6,300	7,400	1.24	N2309	
45	100	25	1.5	1.5	74.0	71.0	7,200	8,400	0.857	N309	
45	75	16	1	0.6	31.0	34.0	9,900	12,000	0.28	NJ1009	
45	85	19	1.1	1.1	63.0	66.5	7,600	9,000	0.495	NJ209	E
45	85	19	1.1	1.1	46.0	47.0	8,400	9,900	0.432	NJ209	
45	85	23	1.1	1.1	76.0	84.5	6,800	8,000	0.6	NJ2209	E
45	85	23	1.1	1.1	61.5	68.0	7,600	9,000	0.53	NJ2209	
45	100	36	1.5	1.5	137	153	5,700	6,800	1.41	NJ2309	E
45	100	36	1.5	1.5	99.0	104	6,300	7,400	1.27	NJ2309	
45	100	25	1.5	1.5	97.5	98.5	6,500	7,600	0.996	NJ309	E
45	100	25	1.5	1.5	74.0	71.0	7,200	8,400	0.877	NJ309	
45	75	16	1	0.6	31.0	34.0	9,900	12,000	0.28	NU1009	
45	85	19	1.1	1.1	63.0	66.5	7,600	9,000	0.495	NU209	E
45	85	19	1.1	1.1	46.0	47.0	8,400	9,900	0.432	NU209	
45	85	23	1.1	1.1	76.0	84.5	6,800	8,000	0.6	NU2209	E
45	85	23	1.1	1.1	61.5	68.0	7,600	9,000	0.53	NU2209	
45	100	36	1.5	1.5	137	153	5,700	6,800	1.41	NU2309	E
45	100	36	1.5	1.5	99.0	104	6,300	7,400	1.27	NU2309	
45	100	25	1.5	1.5	97.5	98.5	6,500	7,600	0.996	NU309	E
45	100	25	1.5	1.5	74.0	71.0	7,200	8,400	0.877	NU309	
45	75	16	1	0.6	31.0	34.0	9,900	12,000	0.28	NUP1009	
45	85	19	1.1	1.1	63.0	66.5	7,600	9,000	0.495	NUP209	E
45	85	19	1.1	1.1	46.0	47.0	8,400	9,900	0.432	NUP209	
45	85	23	1.1	1.1	76.0	84.5	6,800	8,000	0.6	NUP2209	E
45	85	23	1.1	1.1	61.5	68.0	7,600	9,000	0.53	NUP2209	
45	100	36	1.5	1.5	137	153	5,700	6,800	1.41	NUP2309	E
45	100	36	1.5	1.5	99.0	104	6,300	7,400	1.27	NUP2309	
45	100	25	1.5	1.5	97.5	98.5	6,500	7,600	0.996	NUP309	E
45	100	25	1.5	1.5	74.0	71.0	7,200	8,400	0.877	NUP309	
50	80	16	1	0.6	32.0	36.0	8,900	11,000	0.291	N1010	
50	90	20	1.1	1.1	48.0	51.0	7,600	9,000	0.46	N210	
50	90	23	1.1	1.1	64.0	73.5	6,900	8,100	0.56	N2210	
50	110	40	2	2	121	131	5,700	6,700	1.67	N2310	
50	110	27	2	2	87.0	86.0	6,500	7,700	1.11	N310	
50	80	16	1	0.6	32.0	36.0	8,900	11,000	0.295	NJ1010	
50	90	20	1.1	1.1	66.0	72.0	6,900	8,100	0.54	NJ210	E
50	90	23	1.1	1.1	79.5	91.5	6,200	7,300	0.652	NJ210	E
50	90	20	1.1	1.1	48.0	51.0	7,600	9,000	0.47	NJ210	
50	90	23	1.1	1.1	64.0	73.5	6,900	8,100	0.571	NJ2210	
50	110	40	2	2	163	187	5,200	6,100	1.9	NJ2310	E
50	110	40	2	2	121	131	5,700	6,700	1.7	NJ2310	
50	110	27	2	2	110	113	5,900	6,900	1.3	NJ310	E
50	110	27	2	2	87.0	86.0	6,500	7,700	1.14	NJ310	
50	80	16	1	0.6	32.0	36.0	8,900	11,000	0.295	NU1010	
50	90	20	1.1	1.1	66.0	72.0	6,900	8,100	0.54	NU210	E
50	90	20	1.1	1.1	48.0	51.0	7,600	9,000	0.47	NU210	
50	90	23	1.1	1.1	79.5	91.5	6,200	7,300	0.652	NU2210	E
50	90	23	1.1	1.1	64.0	73.5	6,900	8,100	0.571	NU2210	
50	110	40	2	2	163	187	5,200	6,100	1.9	NU2310	E
50	110	40	2	2	121	131	5,700	6,700	1.7	NU2310	
50	110	27	2	2	110	113	5,900	6,900	1.3	NU310	E
50	110	27	2	2	87.0	86.0	6,500	7,700	1.14	NU310	
50	80	16	1	0.6	32.0	36.0	8,900	11,000	0.295	NUP1010	
50	90	20	1.1	1.1	66.0	72.0	6,900	8,100	0.54	NUP210	E
50	90	20	1.1	1.1	48.0	51.0	7,600	9,000	0.47	NUP210	
50	90	23	1.1	1.1	79.5	91.5	6,200	7,300	0.652	NUP2210	E
50	90	23	1.1	1.1	64.0	73.5	6,900	8,100	0.571	NUP2210	
50	110	40	2	2	163	187	5,200	6,100	1.9	NUP2310	E
50	110	40	2	2	121	131	5,700	6,700	1.7	NUP2310	
50	110	27	2	2	110	113	5,900	6,900	1.3	NUP310	E
50	110	27	2	2	87.0	86.0	6,500	7,700	1.14	NUP310	
55	90	18	1.1	1	37.5	44.0	8,200	9,700	0.435	N1011	
55	100	21	1.5	1.1	58.0	62.5	6,900	8,200	0.626	N211	
55	100	25	1.5	1.1	75.5	87.0	6,300	7,400	0.758	N2211	
55	120	43	2	2	148	162	5,200	6,100	2.13	N2311	
55	120	29	2	2	111	111	5,900	7,000	1.42	N311	
55	90	18	1.1	1	37.5	44.0	8,200	9,700	0.442	NJ1011	
55	100	21	1.5	1.1	82.5	93.0	6,300	7,400	0.718	NJ211	E

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Dimensões Básicas (mm)					Capacidade de Carga Básica (kN)		Limite de Rotação (RPM)		Peso (Kg)	Especificação RBM	
d	D	B	r (mm)	r1 (mm)	Dinam C	Estat Co	Graxa	Óleo	Aprox	Numero	Sufixo
55	100	25	1.5	1.1	97.0	114	5,600	6,600	0.968	NJ211	E
55	100	21	1.5	1.1	58.0	62.5	6,900	8,200	0.638	NJ211	
55	100	25	1.5	1.1	75.5	87.0	6,300	7,400	0.773	NJ2211	
55	120	43	2	2	201	233	4,700	5,600	2.37	NJ2311	E
55	120	43	2	2	148	162	5,200	6,100	2.17	NJ2311	
55	120	29	2	2	137	143	5,300	6,300	1.65	NJ311	E
55	120	29	2	2	111	111	5,900	7,000	1.45	NJ311	
55	90	18	1.1	1	37.5	44.0	8,200	9,700	0.442	NUP1011	
55	100	21	1.5	1.1	82.5	93.0	6,300	7,400	0.718	NJ211	E
55	100	21	1.5	1.1	58.0	62.5	6,900	8,200	0.638	NJ211	
55	100	25	1.5	1.1	97.0	114	5,600	6,600	0.968	NJ2211	E
55	100	25	1.5	1.1	75.5	87.0	6,300	7,400	0.773	NJ2211	
55	120	43	2	2	201	233	4,700	5,600	2.37	NJ2311	E
55	120	43	2	2	148	162	5,200	6,100	2.17	NJ2311	
55	120	29	2	2	137	143	5,300	6,300	1.65	NJ311	E
55	120	29	2	2	111	111	5,900	7,000	1.45	NJ311	
55	90	18	1.1	1	37.5	44.0	8,200	9,700	0.442	NUP1011	
55	100	21	1.5	1.1	82.5	93.0	6,300	7,400	0.718	NUP211	E
55	100	21	1.5	1.1	58.0	62.5	6,900	8,200	0.638	NUP211	
55	100	25	1.5	1.1	97.0	114	5,600	6,600	0.968	NUP2211	E
55	100	25	1.5	1.1	75.5	87.0	6,300	7,400	0.773	NUP2211	
55	120	43	2	2	201	233	4,700	5,600	2.37	NUP2311	E
55	120	43	2	2	148	162	5,200	6,100	2.17	NUP2311	
55	120	29	2	2	137	143	5,300	6,300	1.65	NUP311	E
55	120	29	2	2	111	111	5,900	7,000	1.45	NUP311	
60	95	18	1.1	1	40.0	48.5	7,500	8,800	0.467	N1012	
60	110	22	1.5	1.5	68.5	75.0	6,400	7,600	0.802	N212	
60	110	28	1.5	1.5	96.0	116	5,800	6,800	1.04	N2212	
60	130	46	2.1	2.1	169	188	4,800	5,700	2.66	N2312	
60	130	31	2.1	2.1	124	126	5,500	6,500	1.76	N312	
60	95	18	1.1	1	40.0	48.5	7,500	8,800	0.474	NJ1012	
60	110	22	1.5	1.5	97.5	107	5,800	6,800	0.923	NJ212	E
60	110	28	1.5	1.5	131	157	5,200	6,100	1.21	NJ212	E
60	110	22	1.5	1.5	68.5	75.0	6,400	7,600	0.818	NJ212	
60	110	28	1.5	1.5	96.0	116	5,800	6,800	1.06	NJ2212	
60	130	46	2.1	2.1	222	262	4,400	5,200	2.96	NJ2312	E
60	130	46	2.1	2.1	169	188	4,800	5,700	2.71	NJ2312	
60	130	31	2.1	2.1	150	157	4,900	5,800	2.05	NJ312	E
60	130	31	2.1	2.1	124	126	5,500	6,500	1.8	NJ312	
60	95	18	1.1	1	40.0	48.5	7,500	8,800	0.474	NJ1012	
60	110	22	1.5	1.5	97.5	107	5,800	6,800	0.923	NJ212	E
60	110	22	1.5	1.5	68.5	75.0	6,400	7,600	0.818	NJ212	
60	110	28	1.5	1.5	131	157	5,200	6,100	1.21	NJ2212	E
60	110	28	1.5	1.5	96.0	116	5,800	6,800	1.06	NJ2212	
60	130	46	2.1	2.1	222	262	4,400	5,200	2.96	NJ2312	E
60	130	46	2.1	2.1	169	188	4,800	5,700	2.71	NJ2312	
60	130	31	2.1	2.1	150	157	4,900	5,800	2.05	NJ312	E
60	130	31	2.1	2.1	124	126	5,500	6,500	1.8	NJ312	
60	95	18	1.1	1	40.0	48.5	7,500	8,800	0.474	NUP1012	
60	110	22	1.5	1.5	97.5	107	5,800	6,800	0.923	NUP212	E
60	110	22	1.5	1.5	68.5	75.0	6,400	7,600	0.818	NUP212	
60	110	28	1.5	1.5	131	157	5,200	6,100	1.21	NUP2212	E
60	110	28	1.5	1.5	96.0	116	5,800	6,800	1.06	NUP2212	
60	130	46	2.1	2.1	222	262	4,400	5,200	2.96	NUP2312	E
60	130	46	2.1	2.1	169	188	4,800	5,700	2.71	NUP2312	
60	130	31	2.1	2.1	150	157	4,900	5,800	2.05	NUP312	E
60	130	31	2.1	2.1	124	126	5,500	6,500	1.8	NUP312	
65	100	18	1.1	1	41.0	51.0	7,000	8,200	0.477	N1013	
65	120	23	1.5	1.5	84.0	94.5	5,900	7,000	1	N213	
65	120	31	1.5	1.5	120	149	5,400	6,300	1.37	N2213	
65	140	48	2.1	2.1	188	212	4,400	5,200	3.2	N2313	
65	140	33	2.1	2.1	135	139	5,100	6,000	2.18	N313	
65	100	18	1.1	1	41.0	51.0	7,000	8,200	0.485	NJ1013	
65	120	23	1.5	1.5	108	119	5,400	6,300	1.21	NJ213	E
65	120	31	1.5	1.5	149	181	4,800	5,600	1.6	NJ213	E
65	120	23	1.5	1.5	84.0	94.5	5,900	7,000	1.02	NJ213	
65	120	31	1.5	1.5	120	149	5,400	6,300	1.4	NJ2213	
65	140	48	2.1	2.1	248	287	4,100	4,800	3.48	NJ2313	E
65	140	48	2.1	2.1	188	212	4,400	5,200	3.27	NJ2313	
65	140	33	2.1	2.1	181	191	4,600	5,400	2.54	NJ313	E
65	140	33	2.1	2.1	135	139	5,100	6,000	2.23	NJ313	
65	100	18	1.1	1	41.0	51.0	7,000	8,200	0.485	NUP1013	
65	120	23	1.5	1.5	108	119	5,400	6,300	1.21	NUP213	E
65	120	23	1.5	1.5	84.0	94.5	5,900	7,000	1.02	NUP213	
65	120	31	1.5	1.5	149	181	4,800	5,600	1.6	NUP2213	E
65	120	31	1.5	1.5	120	149	5,400	6,300	1.4	NUP2213	
65	140	48	2.1	2.1	248	287	4,100	4,800	3.48	NUP2313	E
65	140	48	2.1	2.1	188	212	4,400	5,200	3.27	NUP2313	
65	140	33	2.1	2.1	181	191	4,600	5,400	2.54	NUP313	E
65	140	33	2.1	2.1	135	139	5,100	6,000	2.23	NUP313	

CATÁLOGO ROLAMENTOS

Dimensões Básicas (mm)					Capacidade de Carga Básica (kN)		Limite de Rotação (RPM)		Peso (Kg)	Especificação RBM	
d	D	B	r (min)	r1 (min)	Dinam C	Estat Co	Graxa	Óleo	Aprox	Numero	Sufixo
70	110	20	1.1	1	58.5	70.5	6,500	7,600	0.689	N1014	
70	125	24	1.5	1.5	83.5	95.0	5,500	6,500	1.1	N214	
70	125	31	1.5	1.5	119	151	5,000	5,900	1.44	N2214	
70	150	51	2.1	2.1	223	262	4,100	4,800	3.9	N2314	
70	150	35	2.1	2.1	158	168	4,700	5,500	2.65	N314	
70	110	20	1.1	1	58.5	70.5	6,500	7,600	0.699	NJ1014	
70	125	24	1.5	1.5	119	137	5,000	5,900	1.3	NJ214	E
70	125	31	1.5	1.5	156	194	4,500	5,200	1.7	NJ214	E
70	125	24	1.5	1.5	83.5	95.0	5,500	6,500	1.12	NJ214	
70	125	31	1.5	1.5	119	151	5,000	5,900	1.47	NJ2214	
70	150	51	2.1	2.1	274	325	3,800	4,400	4.25	NJ2314	E
70	150	35	2.1	2.1	223	262	4,100	4,800	3.98	NJ2314	
70	150	35	2.1	2.1	205	222	4,200	5,000	3.1	NJ314	E
70	150	35	2.1	2.1	158	168	4,700	5,500	2.71	NJ314	
70	110	20	1.1	1	58.5	70.5	6,500	7,600	0.699	NJ1014	
70	125	24	1.5	1.5	119	137	5,000	5,900	1.3	NJ214	E
70	125	24	1.5	1.5	83.5	95.0	5,500	6,500	1.12	NJ214	
70	125	31	1.5	1.5	156	194	4,500	5,200	1.7	NJ2214	E
70	125	31	1.5	1.5	119	151	5,000	5,900	1.47	NJ2214	
70	150	51	2.1	2.1	274	325	3,800	4,400	4.25	NJ2314	E
70	150	51	2.1	2.1	223	262	4,100	4,800	3.98	NJ2314	
70	150	35	2.1	2.1	205	222	4,200	5,000	3.1	NJ314	E
70	150	35	2.1	2.1	158	168	4,700	5,500	2.71	NJ314	
70	110	20	1.1	1	58.5	70.5	6,500	7,600	0.699	NUP1014	
70	125	24	1.5	1.5	119	137	5,000	5,900	1.3	NUP214	E
70	125	24	1.5	1.5	83.5	95.0	5,500	6,500	1.12	NUP214	
70	125	31	1.5	1.5	156	194	4,500	5,200	1.7	NUP2214	E
70	125	31	1.5	1.5	119	151	5,000	5,900	1.47	NUP2214	
70	150	51	2.1	2.1	274	325	3,800	4,400	4.25	NUP2314	E
70	150	51	2.1	2.1	223	262	4,100	4,800	3.98	NUP2314	
70	150	35	2.1	2.1	205	222	4,200	5,000	3.1	NUP314	E
70	150	35	2.1	2.1	158	168	4,700	5,500	2.71	NUP314	
75	115	20	1.1	1	60.0	74.5	6,100	7,100	0.727	N1015	
75	130	25	1.5	1.5	96.5	111	5,100	6,000	1.21	N215	
75	130	31	1.5	1.5	130	162	4,700	5,500	1.52	N2215	
75	160	55	2.1	2.1	258	300	3,800	4,500	4.77	N2315	
75	160	37	2.1	2.1	190	205	4,400	5,200	3.21	N315	
75	115	20	1.1	1	60.0	74.5	6,100	7,100	0.738	NJ1015	
75	130	25	1.5	1.5	130	156	4,700	5,500	1.41	NJ215	E
75	130	31	1.5	1.5	162	207	4,200	4,900	1.79	NJ215	E
75	130	25	1.5	1.5	96.5	111	5,100	6,000	1.23	NJ215	
75	130	31	1.5	1.5	130	162	4,700	5,500	1.55	NJ2215	
75	160	55	2.1	2.1	330	395	3,500	4,100	5.25	NJ2315	E
75	160	55	2.1	2.1	258	300	3,800	4,500	4.87	NJ2315	
75	160	37	2.1	2.1	240	263	4,000	4,700	3.74	NJ315	E
75	160	37	2.1	2.1	190	205	4,400	5,200	3.28	NJ315	
75	115	20	1.1	1	60.0	74.5	6,100	7,100	0.738	NJ1015	
75	130	25	1.5	1.5	130	156	4,700	5,500	1.41	NJ215	E
75	130	25	1.5	1.5	96.5	111	5,100	6,000	1.23	NJ215	
75	130	31	1.5	1.5	162	207	4,200	4,900	1.79	NJ2215	E
75	130	31	1.5	1.5	130	162	4,700	5,500	1.55	NJ2215	
75	160	55	2.1	2.1	330	395	3,500	4,100	5.25	NJ2315	E
75	160	55	2.1	2.1	258	300	3,800	4,500	4.87	NJ2315	
75	160	37	2.1	2.1	240	263	4,000	4,700	3.74	NJ315	E
75	160	37	2.1	2.1	190	205	4,400	5,200	3.28	NJ315	
75	115	20	1.1	1	60.0	74.5	6,100	7,100	0.738	NUP1015	
75	130	25	1.5	1.5	130	156	4,700	5,500	1.41	NUP215	E
75	130	25	1.5	1.5	96.5	111	5,100	6,000	1.23	NUP215	
75	130	31	1.5	1.5	162	207	4,200	4,900	1.79	NUP2215	E
75	130	31	1.5	1.5	130	162	4,700	5,500	1.55	NUP2215	
75	160	55	2.1	2.1	330	395	3,500	4,100	5.25	NUP2315	E
75	160	55	2.1	2.1	258	300	3,800	4,500	4.87	NUP2315	
75	160	37	2.1	2.1	240	263	4,000	4,700	3.74	NUP315	E
75	160	37	2.1	2.1	190	205	4,400	5,200	3.28	NUP315	
80	125	22	1.1	1	72.5	90.5	5,700	6,700	0.965	N1016	
80	140	26	2	2	106	122	4,800	5,700	1.47	N216	
80	140	33	2	2	147	186	4,400	5,100	1.89	N2216	
80	170	58	2.1	2.1	274	330	3,600	4,200	5.67	N2316	
80	170	39	2.1	2.1	190	207	4,100	4,800	3.77	N316	
80	125	22	1.1	1	72.5	90.5	5,700	6,700	0.98	NJ1016	
80	140	26	2	2	139	167	4,400	5,100	1.67	NJ216	E
80	140	33	2	2	186	243	3,900	4,600	2.12	NJ216	E
80	140	26	2	2	106	122	4,800	5,700	1.5	NJ216	
80	140	33	2	2	147	186	4,400	5,100	1.93	NJ2216	
80	170	58	2.1	2.1	355	430	3,300	3,900	6.25	NJ2316	E
80	170	58	2.1	2.1	274	330	3,600	4,200	5.79	NJ2316	
80	170	39	2.1	2.1	256	282	3,700	4,400	4.22	NJ316	E
80	170	39	2.1	2.1	190	207	4,100	4,800	3.86	NJ316	
80	125	22	1.1	1	72.5	90.5	5,700	6,700	0.98	NUP1016	
80	140	26	2	2	139	167	4,400	5,100	1.67	NUP216	E

CATÁLOGO ROLAMENTOS

Dimensões Básicas (mm)					Capacidade de Carga Básica (kN)		Limite de Rotação (RPM)		Peso (Kg)	Especificação RBM	
d	D	B	r (min)	r1 (min)	Dinam C	Estat Co	Graxa	Óleo	Aprox	Numero	Sufixo
80	140	26	2	2	106	122	4,800	5,700	1.5	NUP216	
80	140	33	2	2	186	243	3,900	4,600	2.12	NUP2216	E
80	140	33	2	2	147	186	4,400	5,100	1.93	NUP2216	
80	170	58	2.1	2.1	355	430	3,300	3,900	6.25	NUP2316	E
80	170	58	2.1	2.1	274	330	3,600	4,200	5.79	NUP2316	
80	170	39	2.1	2.1	256	282	3,700	4,400	4.22	NUP316	E
80	170	39	2.1	2.1	190	207	4,100	4,800	3.86	NUP316	
85	130	22	1.1	1	74.5	95.5	5,400	6,300	1.01	N1017	
85	150	28	2	2	120	140	4,500	5,300	1.83	N217	
85	150	36	2	2	170	218	4,100	4,800	2.39	N2217	
85	180	60	3	3	315	380	3,400	4,000	6.57	N2317	
85	180	41	3	3	212	228	3,900	4,600	4.44	N317	
85	130	22	1.1	1	74.5	95.5	5,400	6,300	1.03	NJ1017	
85	150	28	2	2	167	199	4,100	4,800	2.11	NJ217	E
85	150	36	2	2	217	279	3,700	4,300	2.68	NJ217	E
85	150	28	2	2	120	140	4,500	5,300	1.87	NJ217	
85	150	36	2	2	170	218	4,100	4,800	2.44	NJ2217	
85	180	60	3	3	395	485	3,100	3,700	7.16	NJ2317	E
85	180	60	3	3	315	380	3,400	4,000	6.7	NJ2317	
85	180	41	3	3	291	330	3,500	4,100	4.81	NJ317	E
85	180	41	3	3	212	228	3,900	4,600	4.54	NJ317	
85	130	22	1.1	1	74.5	95.5	5,400	6,300	1.03	NU1017	
85	150	28	2	2	167	199	4,100	4,800	2.11	NU217	E
85	150	28	2	2	120	140	4,500	5,300	1.87	NU217	
85	150	36	2	2	217	279	3,700	4,300	2.68	NU2217	E
85	150	36	2	2	170	218	4,100	4,800	2.44	NU2217	
85	180	60	3	3	395	485	3,100	3,700	7.16	NU2317	E
85	180	60	3	3	315	380	3,400	4,000	6.7	NU2317	
85	180	41	3	3	291	330	3,500	4,100	4.81	NU317	E
85	180	41	3	3	212	228	3,900	4,600	4.54	NU317	
85	130	22	1.1	1	74.5	95.5	5,400	6,300	1.03	NUP1017	
85	150	28	2	2	167	199	4,100	4,800	2.11	NUP217	E
85	150	28	2	2	120	140	4,500	5,300	1.87	NUP217	
85	150	36	2	2	217	279	3,700	4,300	2.68	NUP2217	E
85	150	36	2	2	170	218	4,100	4,800	2.44	NUP2217	
85	180	60	3	3	395	485	3,100	3,700	7.16	NUP2317	E
85	180	60	3	3	315	380	3,400	4,000	6.7	NUP2317	
85	180	41	3	3	291	330	3,500	4,100	4.81	NUP317	E
85	180	41	3	3	212	228	3,900	4,600	4.54	NUP317	
90	140	24	1.5	1.1	88.0	114	5,100	5,900	1.31	N1018	
90	160	30	2	2	152	178	4,300	5,000	2.25	N218	
90	160	40	2	2	197	248	3,900	4,600	3.04	N2218	
90	190	64	3	3	325	395	3,200	3,800	7.79	N2318	
90	190	43	3	3	240	265	3,700	4,300	5.18	N318	
90	140	24	1.5	1.1	88.0	114	5,100	5,900	1.33	NJ1018	
90	160	30	2	2	182	217	3,900	4,600	2.44	NJ218	E
90	160	40	2	2	242	315	3,500	4,100	3.33	NJ218	E
90	160	30	2	2	152	178	4,300	5,000	2.3	NJ218	
90	160	40	2	2	197	248	3,900	4,600	3.1	NJ2218	
90	190	64	3	3	435	535	2,900	3,400	8.56	NJ2318	E
90	190	64	3	3	325	395	3,200	3,800	7.95	NJ2318	
90	190	43	3	3	315	355	3,300	3,900	5.72	NJ318	E
90	190	43	3	3	240	265	3,700	4,300	5.3	NJ318	
90	140	24	1.5	1.1	88.0	114	5,100	5,900	1.33	NU1018	
90	160	30	2	2	182	217	3,900	4,600	2.44	NU218	E
90	160	30	2	2	152	178	4,300	5,000	2.3	NU218	
90	160	40	2	2	242	315	3,500	4,100	3.33	NU2218	E
90	160	40	2	2	197	248	3,900	4,600	3.1	NU2218	
90	190	64	3	3	435	535	2,900	3,400	8.56	NU2318	E
90	190	64	3	3	325	395	3,200	3,800	7.95	NU2318	
90	190	43	3	3	315	355	3,300	3,900	5.72	NU318	E
90	190	43	3	3	240	265	3,700	4,300	5.3	NU318	
90	140	24	1.5	1.1	88.0	114	5,100	5,900	1.33	NUP1018	
90	160	30	2	2	182	217	3,900	4,600	2.44	NUP218	E
90	160	30	2	2	152	178	4,300	5,000	2.3	NUP218	
90	160	40	2	2	242	315	3,500	4,100	3.33	NUP2218	E
90	160	40	2	2	197	248	3,900	4,600	3.1	NUP2218	
90	190	64	3	3	435	535	2,900	3,400	8.56	NUP2318	E
90	190	64	3	3	325	395	3,200	3,800	7.95	NUP2318	
90	190	43	3	3	315	355	3,300	3,900	5.72	NUP318	E
90	190	43	3	3	240	265	3,700	4,300	5.3	NUP318	
95	145	24	1.5	1.1	90.5	120	4,800	5,600	1.38	N1019	
95	170	32	2.1	2.1	166	195	4,000	4,700	2.72	N219	
95	170	43	2.1	2.1	230	298	3,600	4,300	3.71	N2219	
95	200	67	3	3	370	460	3,000	3,500	9.02	N2319	
95	200	45	3	3	259	285	3,400	4,000	5.99	N319	
95	145	24	1.5	1.1	90.5	120	4,800	5,600	1.4	NJ1019	
95	170	32	2.1	2.1	220	265	3,600	4,300	3.02	NJ219	E
95	170	43	2.1	2.1	286	370	3,300	3,800	4.14	NJ219	E
95	170	32	2.1	2.1	166	195	4,000	4,700	2.78	NJ219	
95	170	43	2.1	2.1	230	298	3,600	4,300	3.79	NJ2219	
95	200	67	3	3	460	585	2,700	3,200	9.8	NJ2319	E
95	200	67	3	3	370	460	3,000	3,500	9.2	NJ2319	
95	200	45	3	3	335	385	3,100	3,600	6.62	NJ319	E
95	200	45	3	3	259	285	3,400	4,000	6.13	NJ319	
95	145	24	1.5	1.1	90.5	120	4,800	5,600	1.4	NU1019	
95	170	32	2.1	2.1	220	265	3,600	4,300	3.02	NU219	E
95	170	32	2.1	2.1	166	195	4,000	4,700	2.78	NU219	
95	170	43	2.1	2.1	286	370	3,300	3,800	4.14	NU2219	E

CATÁLOGO ROLAMENTOS

Dimensões Básicas (mm)					Capacidade de Carga Básica (kN)		Limite de Rotação (RPM)		Peso (Kg)	Especificação RBM	
d	D	B	r (min)	r1 (min)	Dinam C	Estat Co	Graxa	Óleo	Aprox	Numero	Sufixo
95	170	43	2.1	2.1	230	298	3,600	4,300	3.79	NU2219	
95	200	67	3	3	460	585	2,700	3,200	9.8	NU2319	E
95	200	67	3	3	370	460	3,000	3,500	9.2	NU2319	
95	200	45	3	3	335	385	3,100	3,600	6.62	NU319	E
95	200	45	3	3	259	285	3,400	4,000	6.13	NU319	
95	145	24	1.5	1.1	90.5	120	4,800	5,600	1.4	NUP1019	
95	170	32	2.1	2.1	220	265	3,600	4,300	3.02	NUP219	E
95	170	32	2.1	2.1	166	195	4,000	4,700	2.78	NUP219	
95	170	43	2.1	2.1	286	370	3,300	3,800	4.14	NUP2219	E
95	170	43	2.1	2.1	230	298	3,600	4,300	3.79	NUP2219	
95	200	67	3	3	460	585	2,700	3,200	9.8	NUP2319	E
95	200	67	3	3	370	460	3,000	3,500	9.2	NUP2319	
95	200	45	3	3	335	385	3,100	3,600	6.62	NUP319	E
95	200	45	3	3	259	285	3,400	4,000	6.13	NUP319	
100	150	24	1.5	1.1	93.0	126	4,600	5,400	1.43	N1020	
100	180	34	2.1	2.1	183	217	3,800	4,500	3.26	N220	
100	180	46	2.1	2.1	258	340	3,500	4,100	4.48	N2220	
100	215	73	3	3	410	505	2,900	3,400	11.5	N2320	
100	215	47	3	3	299	335	3,300	3,800	7.32	N320	
100	150	24	1.5	1.1	93.0	126	4,600	5,400	1.45	NJ1020	
100	180	34	2.1	2.1	249	305	3,500	4,100	3.66	NJ220	E
100	180	46	2.1	2.1	335	445	3,100	3,600	5.01	NJ220	E
100	180	34	2.1	2.1	183	217	3,800	4,500	3.33	NJ220	
100	180	46	2.1	2.1	258	340	3,500	4,100	4.57	NJ2220	
100	215	73	3	3	570	715	2,600	3,100	12.8	NJ2320	E
100	215	73	3	3	410	505	2,900	3,400	11.7	NJ2320	
100	215	47	3	3	380	425	2,900	3,500	8.57	NJ320	E
100	215	47	3	3	299	335	3,300	3,800	7.49	NJ320	
100	150	24	1.5	1.1	93.0	126	4,600	5,400	1.45	NU1020	
100	180	34	2.1	2.1	249	305	3,500	4,100	3.66	NU220	E
100	180	46	2.1	2.1	183	217	3,800	4,500	3.33	NU220	
100	180	46	2.1	2.1	335	445	3,100	3,600	5.01	NU2220	E
100	180	46	2.1	2.1	258	340	3,500	4,100	4.57	NU2220	
100	215	73	3	3	570	715	2,600	3,100	12.8	NU2320	E
100	215	73	3	3	410	505	2,900	3,400	11.7	NU2320	
100	215	47	3	3	380	425	2,900	3,500	8.57	NU320	E
100	215	47	3	3	299	335	3,300	3,800	7.49	NU320	
100	150	24	1.5	1.1	93.0	126	4,600	5,400	1.45	NUP1020	
100	180	34	2.1	2.1	249	305	3,500	4,100	3.66	NUP220	E
100	180	34	2.1	2.1	183	217	3,800	4,500	3.33	NUP220	
100	180	46	2.1	2.1	335	445	3,100	3,600	5.01	NUP2220	E
100	180	46	2.1	2.1	258	340	3,500	4,100	4.57	NUP2220	
100	215	73	3	3	570	715	2,600	3,100	12.8	NUP2320	E
100	215	73	3	3	410	505	2,900	3,400	11.7	NUP2320	
100	215	47	3	3	380	425	2,900	3,500	8.57	NUP320	E
100	215	47	3	3	299	335	3,300	3,800	7.49	NUP320	
105	160	26	2	1.1	105	142	4,300	5,100	1.81	N1021	
105	190	36	2.1	2.1	201	241	3,600	4,300	3.87	N221	
105	225	49	3	3	320	360	3,100	3,700	8.33	N321	
105	160	26	2	1.1	105	142	4,300	5,100	1.84	NJ1021	
105	190	36	2.1	2.1	201	241	3,600	4,300	3.95	NJ221	
105	225	49	3	3	320	360	3,100	3,700	8.53	NJ321	
105	160	26	2	1.1	105	142	4,300	5,100	1.84	NU1021	
105	190	36	2.1	2.1	201	241	3,600	4,300	3.95	NU221	
105	225	49	3	3	320	360	3,100	3,700	8.53	NU321	
105	160	26	2	1.1	105	142	4,300	5,100	1.84	NUP1021	
105	190	36	2.1	2.1	201	241	3,600	4,300	3.95	NUP221	
105	225	49	3	3	320	360	3,100	3,700	8.53	NUP321	
110	170	28	2	1.1	131	174	4,100	4,800	2.3	N1022	
110	200	38	2.1	2.1	240	290	3,400	4,000	4.54	N222	
110	200	53	2.1	2.1	320	415	3,100	3,700	6.43	N2222	
110	240	80	3	3	605	790	2,600	3,100	16.8	N2322	
110	240	50	3	3	360	400	3,000	3,500	9.77	N322	
110	170	28	2	1.1	131	174	4,100	4,800	2.33	NJ1022	
110	200	38	2.1	2.1	293	365	3,100	3,700	4.27	NJ222	E
110	200	38	2.1	2.1	240	290	3,400	4,000	4.63	NJ222	
110	200	53	2.1	2.1	385	515	2,800	3,300	7.4	NJ2222	E
110	200	53	2.1	2.1	320	415	3,100	3,700	6.56	NJ2222	
110	240	80	3	3	675	880	2,400	2,800	19.4	NJ2322	E
110	240	80	3	3	605	790	2,600	3,100	17.1	NJ2322	
110	240	50	3	3	450	525	2,700	3,100	11.1	NJ322	E
110	240	50	3	3	360	400	3,000	3,500	10	NJ322	
110	170	28	2	1.1	131	174	4,100	4,800	2.33	NU1022	
110	200	38	2.1	2.1	293	365	3,100	3,700	4.27	NU222	E
110	200	38	2.1	2.1	240	290	3,400	4,000	4.63	NU222	
110	200	53	2.1	2.1	385	515	2,800	3,300	7.4	NU2222	E
110	200	53	2.1	2.1	320	415	3,100	3,700	6.56	NU2222	
110	240	80	3	3	675	880	2,400	2,800	19.4	NU2322	E
110	240	80	3	3	605	790	2,600	3,100	17.1	NU2322	
110	240	50	3	3	450	525	2,700	3,100	11.1	NUP322	E

CATÁLOGO ROLAMENTOS

Dimensões Básicas (mm)					Capacidade de Carga Básica (kN)		Limite de Rotação (RPM)		Peso (Kg)	Especificação RBM	
d	D	B	r (min)	r1 (min)	Dinam C	Estat Co	Graxa	Óleo	Aprox	Numero	Sufixo
110	240	50	3	3	360	400	3,000	3,500	10	NUP322	
120	180	28	2	1.1	139	191	3,800	4,400	2.4	N1024	
120	215	58	2.1	2.1	350	460	2,900	3,400	8.03	N2224	
120	215	40	2.1	2.1	260	320	3,200	3,700	5.46	N224	
120	260	86	3	3	710	920	2,400	2,800	21.1	N2324	
120	260	55	3	3	450	510	2,700	3,200	12.5	N324	
120	180	28	2	1.1	139	191	3,800	4,400	2.44	NJ1024	
120	215	58	2.1	2.1	450	620	2,600	3,000	9.18	NJ2224	E
120	215	58	2.1	2.1	350	460	2,900	3,400	8.19	NJ2224	
120	215	40	2.1	2.1	335	420	2,900	3,400	5.97	NJ224	E
120	215	40	2.1	2.1	260	320	3,200	3,700	5.57	NJ224	
120	260	86	3	3	795	1,03	2,200	2,500	26.1	NJ2324	E
120	260	86	3	3	710	920	2,400	2,800	21.5	NJ2324	
120	260	55	3	3	530	610	2,400	2,800	13.9	NJ324	E
120	260	55	3	3	450	510	2,700	3,200	12.8	NJ324	
120	180	28	2	1.1	139	191	3,800	4,400	2.44	NU1024	
120	215	58	2.1	2.1	450	620	2,600	3,000	9.18	NU2224	E
120	215	58	2.1	2.1	350	460	2,900	3,400	8.19	NU2224	
120	215	40	2.1	2.1	335	420	2,900	3,400	5.97	NU224	E
120	215	40	2.1	2.1	260	320	3,200	3,700	5.57	NU224	
120	260	86	3	3	795	1,03	2,200	2,500	26.1	NU2324	E
120	260	86	3	3	710	920	2,400	2,800	21.5	NU2324	
120	260	55	3	3	530	610	2,400	2,800	13.9	NU324	E
120	260	55	3	3	450	510	2,700	3,200	12.8	NU324	
120	180	28	2	1.1	139	191	3,800	4,400	2.44	NUP1024	
120	215	58	2.1	2.1	450	620	2,600	3,000	9.18	NUP2224	E
120	215	58	2.1	2.1	350	460	2,900	3,400	8.19	NUP2224	
120	215	40	2.1	2.1	335	420	2,900	3,400	5.97	NUP224	E
120	215	40	2.1	2.1	260	320	3,200	3,700	5.57	NUP224	
120	260	86	3	3	795	1,03	2,200	2,500	26.1	NUP2324	E
120	260	86	3	3	710	920	2,400	2,800	21.5	NUP2324	
120	260	55	3	3	530	610	2,400	2,800	13.9	NUP324	E
120	260	55	3	3	450	510	2,700	3,200	12.8	NUP324	
130	200	33	2	1.1	172	238	3,400	4,000	3.63	N1026	
130	230	64	3	3	380	530	2,600	3,100	10	N2226	
130	230	40	3	3	270	340	2,900	3,400	6.17	N226	
130	280	93	4	4	840	1,13	2,200	2,600	26.4	N2326	
130	280	58	4	4	560	665	2,500	2,900	17	N326	
130	200	33	2	1.1	172	238	3,400	4,000	3.69	NJ1026	
130	230	64	3	3	530	735	2,300	2,700	11.8	NJ2226	E
130	230	64	3	3	380	530	2,600	3,100	10.2	NJ2226	
130	230	40	3	3	365	455	2,600	3,100	6.9	NJ226	E
130	230	40	3	3	270	340	2,900	3,400	6.3	NJ226	
130	280	93	4	4	920	1,23	2,000	2,300	30.9	NJ2326	E
130	280	93	4	4	840	1,13	2,200	2,600	26.9	NJ2326	
130	280	58	4	4	615	735	2,200	2,600	19.4	NJ326	E
130	280	58	4	4	560	665	2,500	2,900	17.4	NJ326	
130	200	33	2	1.1	172	238	3,400	4,000	3.69	NU1026	
130	230	64	3	3	530	735	2,300	2,700	11.8	NU2226	E
130	230	64	3	3	380	530	2,600	3,100	10.2	NU2226	
130	230	40	3	3	365	455	2,600	3,100	6.9	NU226	E
130	230	40	3	3	270	340	2,900	3,400	6.3	NU226	
130	280	93	4	4	920	1,23	2,000	2,300	30.9	NU2326	E
130	280	93	4	4	840	1,13	2,200	2,600	26.9	NU2326	
130	280	58	4	4	615	735	2,200	2,600	19.4	NU326	E
130	280	58	4	4	560	665	2,500	2,900	17.4	NU326	
130	200	33	2	1.1	172	238	3,400	4,000	3.69	NUP1026	
130	230	64	3	3	530	735	2,300	2,700	11.8	NUP2226	E
130	230	64	3	3	380	530	2,600	3,100	10.2	NUP2226	
130	230	40	3	3	365	455	2,600	3,100	6.9	NUP226	E
130	230	40	3	3	270	340	2,900	3,400	6.3	NUP226	
130	280	93	4	4	920	1,23	2,000	2,300	30.9	NUP2326	E
130	280	93	4	4	840	1,13	2,200	2,600	26.9	NUP2326	
130	280	58	4	4	615	735	2,200	2,600	19.4	NUP326	E
130	280	58	4	4	560	665	2,500	2,900	17.4	NUP326	
140	210	33	2	1.1	176	250	3,200	3,800	3.98	N1028	
140	250	68	3	3	445	635	2,400	2,800	12.6	N2228	
140	250	42	3	3	310	400	2,700	3,100	7.72	N228	
140	300	102	4	4	920	1,25	2,000	2,300	33.1	N2328	
140	300	62	4	4	615	745	2,300	2,700	20.7	N328	
140	210	33	2	1.1	176	250	3,200	3,800	4.05	NJ1028	
140	250	68	3	3	575	835	2,100	2,500	15.8	NJ2228	E
140	250	68	3	3	445	635	2,400	2,800	12.9	NJ2228	
140	250	42	3	3	395	515	2,400	2,800	8.73	NJ228	E
140	250	42	3	3	310	400	2,700	3,100	7.88	NJ228	
140	300	102	4	4	1,02	1,38	1,800	2,100	38.7	NJ2328	E
140	300	102	4	4	920	1,25	2,000	2,300	33.8	NJ2328	
140	300	62	4	4	665	795	2,100	2,400	23.2	NJ328	E
140	300	62	4	4	615	745	2,300	2,700	21.2	NJ328	
140	210	33	2	1.1	176	250	3,200	3,800	4.05	NU1028	
140	250	68	3	3	575	835	2,100	2,500	15.8	NU2228	E
140	250	68	3	3	445	635	2,400	2,800	12.9	NU2228	
140	250	42	3	3	395	515	2,400	2,800	8.73	NU228	E
140	250	42	3	3	310	400	2,700	3,100	7.88	NU228	
140	300	102	4	4	1,02	1,38	1,800	2,100	38.7	NU2328	E
140	300	102	4	4	920	1,25	2,000	2,300	33.8	NU2328	
140	300	62	4	4	665	795	2,100	2,400	23.2	NU328	E
140	300	62	4	4	615	745	2,300	2,700	21.2	NU328	
140	210	33	2	1.1	176	250	3,200	3,800	4.05	NUP1028	

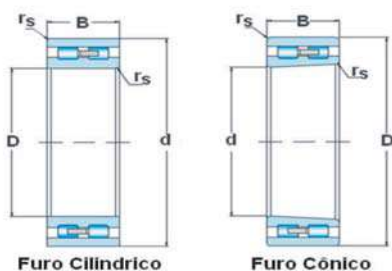
CATÁLOGO ROLAMENTOS

Dimensões Básicas (mm)					Capacidade de Carga Básica (kN)		Limite de Rotação (RPM)		Peso (Kg)	Especificação RBM	
d	D	B	r (min)	r1 (min)	Dinam C	Estat Co	Graxa	Óleo	Aprox	Numero	Sufixo
140	250	68	3	3	575	835	2,100	2,500	15.8	NUP2228	E
140	250	68	3	3	445	635	2,400	2,800	12.9	NUP2228	
140	250	42	3	3	395	515	2,400	2,800	8.73	NUP228	E
140	250	42	3	3	310	400	2,700	3,100	7.88	NUP228	
140	300	102	4	4	1,02	1,38	1,800	2,100	38.7	NUP2328	E
140	300	102	4	4	920	1,25	2,000	2,300	33.8	NUP2328	
140	300	62	4	4	665	795	2,100	2,400	23.2	NUP328	E
140	300	62	4	4	615	745	2,300	2,700	21.2	NUP328	
150	225	35	2.1	1.5	202	294	3,000	3,500	4.7	NU1030	
150	270	73	3	3	500	710	2,200	2,600	16	N2230	
150	270	45	3	3	345	435	2,500	2,900	9.72	N230	
150	320	108	4	4	1,02	1,4	1,900	2,200	39.8	N2330	
150	320	65	4	4	665	805	2,100	2,500	24.7	N330	
150	225	35	2.1	1.5	202	294	3,000	3,500	4.77	NU1030	
150	270	73	3	3	660	980	2,000	2,400	19.7	NU2230	E
150	270	73	3	3	500	710	2,200	2,600	16.3	NU2230	
150	270	45	3	3	450	595	2,200	2,600	11	NU230	E
150	270	45	3	3	345	435	2,500	2,900	9.92	NU230	
150	320	65	4	4	760	920	1,900	2,300	28.4	NU330	E
150	320	65	4	4	665	805	2,100	2,500	25.3	NU330	
150	225	35	2.1	1.5	202	294	3,000	3,500	4.77	NU1030	
150	270	73	3	3	660	980	2,000	2,400	19.7	NU2230	E
150	270	73	3	3	500	710	2,200	2,600	16.3	NU2230	
150	270	45	3	3	450	595	2,200	2,600	11	NU230	E
150	270	45	3	3	345	435	2,500	2,900	9.92	NU230	
150	320	108	4	4	1,16	1,6	1,700	2,000	47.2	NU2330	E
150	320	108	4	4	1,02	1,4	1,900	2,200	40.6	NU2330	
150	320	65	4	4	760	920	1,900	2,300	28.4	NU330	E
150	320	65	4	4	665	805	2,100	2,500	25.3	NU330	
150	225	35	2.1	1.5	202	294	3,000	3,500	4.77	NUP1030	
150	270	73	3	3	660	980	2,000	2,400	19.7	NUP223	E
150	270	73	3	3	500	710	2,200	2,600	16.3	NUP2230	
150	270	45	3	3	450	595	2,200	2,600	11	NUP230	E
150	270	45	3	3	345	435	2,500	2,900	9.92	NUP230	
150	320	108	4	4	1,16	1,6	1,700	2,000	47.2	NUP2330	E
150	320	108	4	4	1,02	1,4	1,900	2,200	40.6	NUP2330	
150	320	65	4	4	760	920	1,900	2,300	28.4	NUP330	E
150	320	65	4	4	665	805	2,100	2,500	25.3	NUP330	

ROLAMENTOS DE DUAS CARREIRAS DE ROLOS CILINDROS



CATÁLOGO ROLAMENTOS

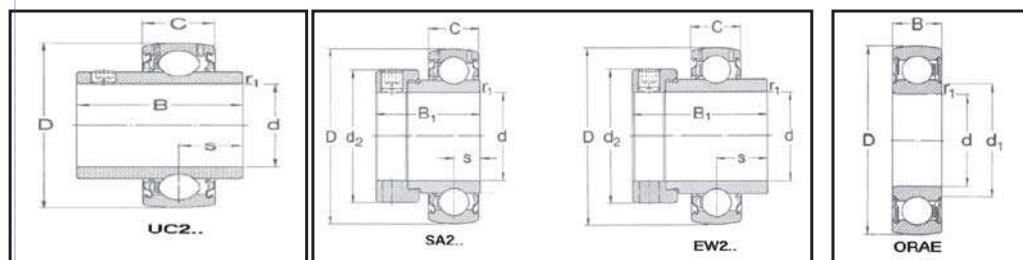


Dimensões Básicas (mm)				Capacidade de Carga Básica (kN)		Limite de Rotação (RPM)		Peso (Kg)	Especificação RBM	
d	D	B	rs (min)	Dinam C	Estat Co	Graxa	Óleo	Aprox	Número	Sufixo
25	47	16	0.6	25.8	30.0	14,000	17,000	0.124	NN3005	
25	47	16	0.6	25.8	30.0	14,000	17,000	0.121	NN3005	K
30	55	19	1	31.0	37.0	12,000	15,000	0.199	NN3006	
30	55	19	1	31.0	37.0	12,000	15,000	0.193	NN3006	K
35	62	20	1	38.0	47.5	11,000	13,000	0.242	NN3007	
35	62	20	1	38.0	47.5	11,000	13,000	0.235	NN3007	K
40	68	21	1	43.5	55.5	9,700	11,000	0.312	NN3008	
40	68	21	1	43.5	55.5	9,700	11,000	0.303	NN3008	K
45	75	23	1	52.0	68.5	8,800	10,000	0.405	NN3009	
45	75	23	1	52.0	68.5	8,800	10,000	0.393	NN3009	K
50	80	23	1	53.0	72.5	8,000	9,400	0.433	NN3010	
50	80	23	1	53.0	72.5	8,000	9,400	0.419	NN3010	K
55	90	26	1.1	69.5	96.5	7,300	8,600	0.651	NN3011	
55	90	26	1.1	69.5	96.5	7,300	8,600	0.631	NN3011	K
60	95	26	1.1	71.0	102.0	6,700	7,900	0.704	NN3012	
60	95	26	1.1	71.0	102.0	6,700	7,900	0.683	NN3012	K
65	100	26	1.1	75.0	111.0	6,200	7,300	0.758	NN3013	
65	100	26	1.1	75.0	111.0	6,200	7,300	0.735	NN3013	K
70	110	30	1.1	94.5	143.0	5,800	6,800	1.04	NN3014	
70	110	30	1.1	94.5	143.0	5,800	6,800	1.01	NN3014	K
75	115	30	1.1	96.5	149.0	5,400	6,300	1.14	NN3015	
75	115	30	1.1	96.5	149.0	5,400	6,300	1.11	NN3015	K
80	125	34	1.1	116.0	179.0	5,100	5,900	1.52	NN3016	
80	125	34	1.1	116.0	179.0	5,100	5,900	1.47	NN3016	K
85	130	34	1.1	122.0	194.0	4,800	5,600	1.61	NN3017	
85	130	34	1.1	122.0	194.0	4,800	5,600	1.56	NN3017	K
90	140	37	1.5	143.0	228.0	4,500	5,300	2.07	NN3018	
90	140	37	1.5	143.0	228.0	4,500	5,300	2.01	NN3018	K
95	145	37	1.5	146.0	238.0	4,300	5,000	2.17	NN3019	
95	145	37	1.5	146.0	238.0	4,300	5,000	2.1	NN3019	K
100	150	37	1.5	153.0	256.0	4,000	4,800	2.26	NN3020	
100	150	37	1.5	153.0	256.0	4,000	4,800	2.19	NN3020	K
105	160	41	2	198.0	320.0	3,800	4,500	2.89	NN3021	
105	160	41	2	198.0	320.0	3,800	4,500	2.8	NN3021	K
110	170	45	2	229.0	375.0	3,600	4,300	3.69	NN3022	
110	170	45	2	229.0	375.0	3,600	4,300	3.56	NN3022	K
120	180	46	2	233.0	390.0	3,300	3,900	3.98	NN3024	
120	180	46	2	233.0	390.0	3,300	3,900	3.83	NN3024	K
130	200	52	2	284.0	475.0	3,100	3,600	5.92	NN3026	
130	200	52	2	284.0	475.0	3,100	3,600	5.71	NN3026	K
140	210	53	2	298.0	515.0	2,800	3,300	6.44	NN3028	
140	210	53	2	298.0	515.0	2,800	3,300	6.21	NN3028	K
150	225	56	2.1	335.0	585.0	2,600	3,100	7.81	NN3030	
150	225	56	2.1	335.0	585.0	2,600	3,100	7.53	NN3030	K

ROLAMENTOS DE FIXAÇÃO RÁPIDA (ABAUŁADOS)



CATÁLOGO ROLAMENTOS



Medidas							Capac Cargas		Especificação		Massa	Limite de rotacao, conforme tolerancia do eixo				
d	D	C	B	r1 min	d2 max	S	Dinam C	Estat Co	Rolamentos	Rolamentos	Peso	h6	h7	h8	h9	h11
mm							KN		Numero	Numero	Kg	rpm				
19,05 3/4"	47	14	31,0	0,6	33,0	7,5	13,000	7,000	GRA012NPPB	SA204-12G	0,170	8200	5100	4200	1800	800
	47	14	43,7	0,6	33,0	17,1	13,000	7,000	G1012KRRB	EW204-12	0,220	8200	5100	4200	1800	800
	47	14	31,0	0,6	33,0	12,7	13,000	7,000	GY1012KRRB	UC204-12	0,180	8200	5100	4200	1800	800
20	47	14	31,0	0,6	33,0	7,5	13,000	7,000	GRAE20NPPB	SA204G	0,160	8200	5100	4200	1800	800
	47	14	43,7	0,6	33,0	17,1	13,000	7,000	GE20KRRB	EW204	0,200	8200	5100	4200	1800	800
	47	14	31,0	0,6	33,0	12,7	13,000	7,000	GYE20KRRB	UC204	0,170	8200	5100	4200	1800	800
22,225 7/8"	52	15	31,0	1,0	37,4	7,5	14,000	7,900	GRA014NPPB	SA205-14G	0,190	7,100	4,500	3,200	1,000	710
	52	15	44,4	1,0	37,4	17,5	14,000	7,900	G1014KRRB	EW205-14	0,250	7,100	4,500	3,200	1,000	710
	52	15	34,1	1,0	37,4	14,3	14,000	7,900	GY1014KRRB	UC205-14	0,200	7,100	4,500	3,200	1,000	710
23,813 15/16"	52	15	44,4	1,0	37,4	17,5	14,000	7,900	G1015KRRB	EW205-15	0,250	7,100	4,500	3,200	1,000	710
	52	17	31,0				14,000	7,900	GRA015NPPB	SA205-15G		7,100	4,500	3,200	1,000	710
	52	15	44,4	1,0	37,4	17,5	14,000	7,900	GE25KRRB	EW205	0,230	7,100	4,500	3,200	1,000	710
25	52	15	34,1	1,0	37,4	14,3	14,000	7,900	GYE25KRRB	UC205	0,170	7,100	4,500	3,200	1,000	710
	52	15	-	1,0	-	7,5	14,000	7,900	ORAE25NPPB	ORAE25NPPB	0,126	7,100	4,500	3,200	1,000	710
	52	15	31,0	1,0	37,4	7,5	14,000	7,900	GRAE25NPPB	SA205G	0,180	7,100	4,500	3,200	1,000	710
	52	15	30,9	1,0	37,4	7,6	14,000	7,900	GRA100NPPB	SA205-16G	0,250	7,100	4,500	3,200	1,000	710
25,400 1"	52	15	34,2	1,0	37,4	14,3	14,000	7,900	G1100KRRB	EW205-16	0,280	7,100	4,500	3,200	1,000	710
	52	15	44,5	1,0	37,4	17,5	14,000	7,900	GY1100KRRB	UC205-16	0,200	7,100	4,500	3,200	1,000	710
	62	18	38,2	1,0	44,2	9,5	19,400	11,200	GRA102NPPB	SA206-18G	0,600	6,300	4,000	2,800	890	630
28,575 1.1/8"	62	18	51,1	1,0	44,2	18,5	19,400	11,200	G1102KRRB	EW206-18	0,720	6,300	4,000	2,800	890	630
	62	18	42,3	1,0	44,2	17,4	19,400	11,200	GY1102KRRB	UC206-18	0,530	6,300	4,000	2,800	890	630
	62	18	48,4	1,0	44,2	18,3	19,400	11,200	GE30KRRB	EW206	0,360	6,300	4,000	2,800	890	630
30	62	18	38,1	1,0	44,2	15,9	19,400	11,200	GYE30KRRB	UC206	0,280	6,300	4,000	2,800	890	630
	62	18	-	1,0		8,0	19,400	11,200	ORAE30NPPB	ORAE30NPPB	0,195	6,300	4,000	2,800	890	630
	62	18	35,7	1,0	44,2	8,0	19,400	11,200	GRAE206NPPB	SA206G	0,280	6,300	4,000	2,800	890	630
30,162 1.3/16"	62	18	48,5	1,0	44,2	18,1	19,400	11,200	G1103KRRB	EW206-19	0,390	6,300	4,000	2,800	890	630
	62	18	38,2	1,0	44,2	15,7	19,400	11,200	GY1103KRRB	UC206-19	0,340	6,300	4,000	2,800	890	630
31,750 1.1/4"	62	18	35,6	1,0	44,2	8,9	19,400	11,200	GRA103NPPBAH03	SA206-20G	0,320	6,300	4,000	2,800	890	630
31,750 1.1/4"	72	18	38,8	1,0	55,6	9,4	19,400	11,200	GRA104NPPB	SA207-20G	0,490	5,300	3,300	2,200	750	530
	72	18	51,0	1,0	55,6	18,7	19,400	11,200	G1104KRRB	EW207-20	0,550	5,300	3,300	2,200	750	530
	72	18	42,8	1,0	55,6	17,4	19,400	11,200	GY1104KRRB	UC207-20	0,500	5,300	3,300	2,200	750	530
33,338 1.5/16"	72	19	51,0	1,0	55,6	18,7	25,600	15,200	G1105KRRB	EW207-21	0,540	5,300	3,300	2,200	750	530
34,925 1.3/8"	72	19	38,8	1,0	55,6	9,4	25,600	15,200	GRA106NPPB	SA207-22G	0,490	5,300	3,300	2,200	750	530
	72	19	51,0	1,0	55,6	18,7	25,600	15,200	G1106KRRB	EW207-22	0,550	5,300	3,300	2,200	750	530
	72	19	42,8	1,0	55,6	17,4	25,600	15,200	GY1106KRRB	UC207-22	0,500	5,300	3,300	2,200	750	530
35	72	19	51,1	1,1	55,6	18,8	25,600	15,200	GE35KRRB	EW207	0,550	5,300	3,300	2,200	750	530
	72	19	42,9	1,1	55,6	17,5	25,600	15,200	GYE35KRRB	UC207	0,410	5,300	3,300	2,200	750	530
	72	19	-	1,1		8,5	25,600	15,200	ORAE35NPPB	ORAE35NPPB	0,278	5,300	3,300	2,200	750	530
	72	19	38,9	1,1	55,6	9,5	25,600	15,200	GRAE35KRRB	SA207G	0,420	5,300	3,300	2,200	750	530
36,512 1.7/16"	72	19	38,9	1,1	55,6	9,6	25,600	15,200	GRA107NPPB	SA207-23G	0,450	5,300	3,300	2,200	750	530
	72	19	51,1	1,1	55,6	18,7	25,600	15,200	G1107KRRB	EW207-23	0,540	5,300	3,300	2,200	750	530
	72	19	42,8	1,1	55,6	17,6	25,600	15,200	GY1107KRRB	UC207-23	0,500	5,300	3,300	2,200	750	530

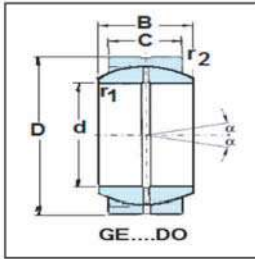
CATÁLOGO ROLAMENTOS

Medidas							Capac Cargas		Especificação		Massa	Limite de rotacao, conforme tolerancia do eixo				
d	D	C	B	r1 min	d2 max	S	Dinam C	Estat Co	Rolamentos	Rolamentos	Peso	h6	h7	h8	h9	h11
mm							KN		Numero	Numero	Kg	rpm				
38,100 1.1/2"	80	21	56,2	1.1	60,3	21,4	32,600	19,800	G1108KRRB	EW208-24	0,720	4,700	3,000	1,900	670	470
	80	21	49,1	1.1	60,3	19,1	32,600	19,800	GY1108KRRB	UC208-24	0,640	4,700	3,000	1,900	670	470
	80	18	30,1	1.1		11,0	32,600	19,800	GRA108NPPB	SA208-24G	0,680	4,700	3,000	1,900	670	470
39,668 1.9/16"	80	21	56,4	1.1	60,3	21,5	32,600	19,800	G1109KRRB	EW208-25	0,750	4,700	3,000	1,900	670	470
40	80	21	56,3	1.1	60,3	21,4	32,600	19,800	GE40KRRB	EW208	0,700	4,700	3,000	1,900	670	470
	80	21	49,2	1.1	60,3	19,0	32,600	19,800	GYE40KRRB	UC208	0,550	4,700	3,000	1,900	670	470
	80	21	-	1.1		9,0	32,600	19,800	ORAE40NPPB	ORAE208	0,360	4,700	3,000	1,900	670	470
	80	21	43,7	1.1	60,3	11,0	32,600	19,800	GRAE40NPPB	SA208G	0,570	4,700	3,000	1,900	670	470
41,275 1.5/8"	85	22	43,8	1.1	63,5	11,0	32,600	19,800	GRA110NPPB	SA209-26G	0,700	4000	2600	1500	600	400
	85	22	56,2	1.1	63,5	21,4	32,600	19,800	G1110KRRB	EW209-26	0,800	4000	2600	1500	600	400
	85	22	49,3	1.1	63,5	19,0	32,600	19,800	GY1110KRRB	UC209-26	0,700	4000	2600	1500	600	400
42,863 1.11/16"	85	22	56,2	1.1	63,5	21,4	32,600	19,800	G1111KRRB	EW209-27	0,800	4000	2600	1500	600	400
44,450 1.3/4"	85	22	43,5	1.1	63,5	11,0	32,600	19,800	GRA112NPPB	SA209-28G	0,700	4000	2600	1500	600	400
	85	22	56,2	1.1	63,5	21,4	32,600	19,800	G1112KRRB	EW209-28	0,800	4000	2600	1500	600	400
	85	22	49,3	1.1	63,5	19,0	32,600	19,800	GY1112KRRB	UC209-28	0,700	4000	2600	1500	600	400
45	85	22	43,5	1.1	63,5	11,0	32,600	19,800	GRAE45NPPB	SA209G	0,700	4000	2600	1500	600	400
	85	22	56,2	1.1	63,5	21,4	32,600	19,800	GE45KRRB	EW209	0,800	4000	2600	1500	600	400
	85	22	49,3	1.1	63,5	19,0	32,600	19,800	GYE45KRRB	UC209	0,700	4000	2600	1500	600	400
47,625 1.7/8"	90	30	43,7	1.1		20,0	34,000	23,000	G1114KRRB	EW210-30	0,900	3400	2300	1200	420	350
49,212 1.15/16"	90	22	62,6	1.1		24,6	34,800	23,000	G1115KRRB	EW210-31	1,000	3400	2300	1200	420	350
	90	22	51,5	1.1		19,0	34,800	23,000	GY1115KRRB	UC210-31	0,850	3400	2300	1200	420	350
50	90	22	43,6	1.1		11,0	34,800	23,000	GRAE50NPPB	SA210G	0,800	3400	2300	1200	420	350
	90	22	61,5	1.1		24,6	34,800	23,000	GE50KRRB	EW210	1,000	3400	2300	1200	420	350
	90	22	51,5	1.1		19,0	34,800	23,000	GYE50KRRB	UC210	0,800	3400	2300	1200	420	350
	110	29	66,5	1,5		24,6	61,500	37,600	GNE50KRRB	GNE50	1,850	2900	1900	940	380	310
55	100	25	55,5	1,5		22,2	43,100	28,800	GYE55KRRB	UC211	1,200	2900	1900	940	380	310
60	110	24	65,0	1,5		25,4	51,400	35,700	GYE60KRRB	UC212	1,300	2900	1900	940	380	310

RÓTULAS

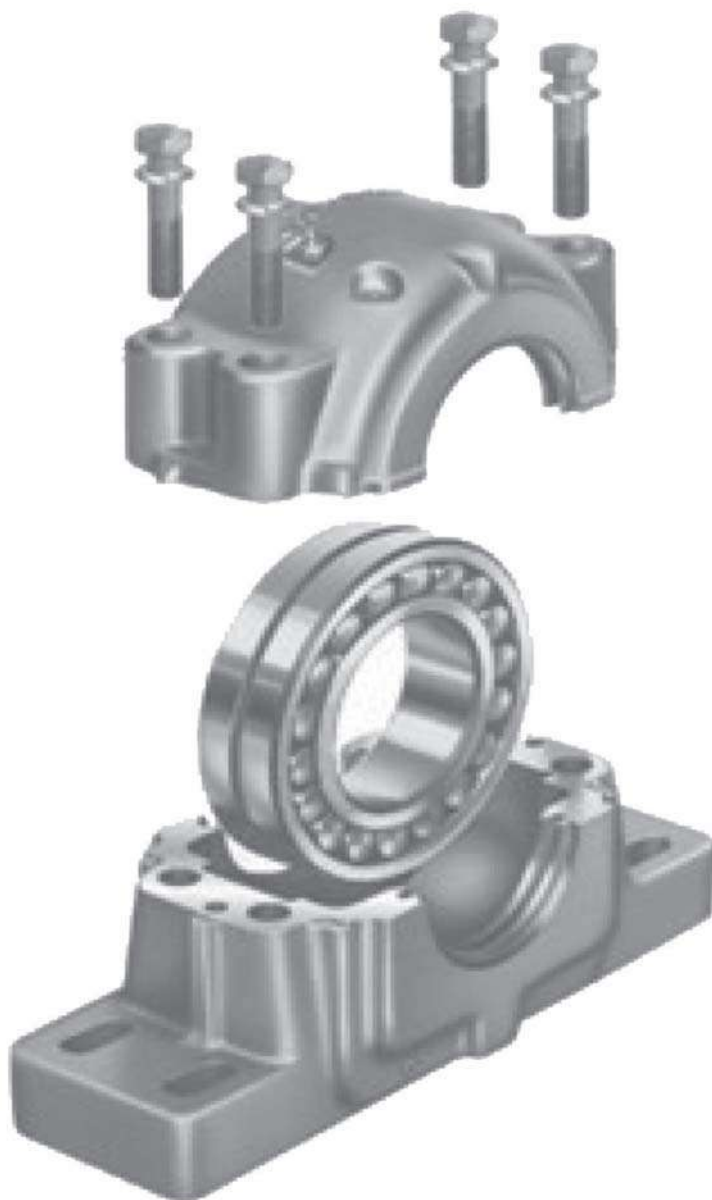


CATÁLOGO ROLAMENTOS

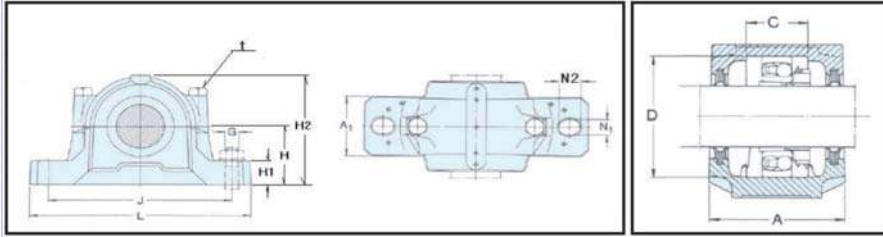


Medidas (mm)						Ângulo	Folga Radial Normal		Capac Carga		Massa	Rótula
d	D	B	C	r ₁ min	r ₂ min	α	min	max	Dinam C	Estat Co	Peso	RBM
mm						Graus	mm		KN		Kg	Numero
15	26	12	9	0.6	0.6	8°	0,040	0,082	17,0	85,0	0.025	GE15DO
20	35	16	12	0.6	0.6	9°	0,040	0,082	30,0	146,0	0.061	GE20DO
25	42	20	16	0.6	0.6	7°	0,050	0,100	48,0	240,0	0,110	GE25DO
30	47	22	18	0.6	0.6	6°	0,050	0,100	62,0	310,0	0,140	GE30DO
35	55	25	20	0.6	1.0	6°	0,050	0,100	80,0	400,0	0,220	GE35DO
40	62	28	22	0.6	1.0	7°	0,060	0,120	100,0	500,0	0,300	GE40DO
45	68	32	25	0.6	1.0	7°	0,060	0,120	127,0	640,0	0,400	GE45DO
50	75	35	28	0.6	1.0	6°	0,060	0,120	156,0	780,0	0,540	GE50DO
60	90	44	36	1.0	1.0	6°	0,060	0,120	245,0	1220,0	1,000	GE60DO

MANCAIS BIPARTIDOS



CATÁLOGO ROLAMENTOS



	Mancal	Medidas												Massa		Acessórios					
Eixo	Número	D	J	L	H	H ₁	H ₂	A	A ₁	N ₁	N ₂	C	G	Peso	Eixo	Rolamentos		Bucha	Anel de Bloqueio	Vedacao	
mm		mm												Kg	mm	Números				Qtd/pcs	Tipo
20	SN505	52	130	165	40	22	75	67	46	15	20	25	M12	1,100	20	1205K		H205	FR62X5	2	Feltro
																2205K	22205K	H305	FR52X7	1	
	SN605	62	150	185	50	22	90	80	52	15	20	32	M12	1,600		1305K	21305K	H305	FR62X8,5	2	Feltro
																2305K		H2305	FR62X10	1	
	SNH505	52	130	165	40	22	75	67	46	15	20	25	M12	1,450		1205K		H205	FR52X5	2	TA, TG, TC
																2205K	22205K	H305	FR52X7	1	
25	SNH605	62	150	185	50	22	90	77	52	15	20	32	M12	2,100	25	1305K		H305	FR62X7,5	2	TA, TG, TC
																2305K		H2305	FR62X4	2	
	SN506	62	150	185	50	22	90	77	52	15	20	32	M12	1,700		1206K		H206	FR62X7	2	Feltro
																2206K	22206K	H306	FR62X10	1	
	SN606	72	150	185	50	22	95	82	52	15	20	34	M12	1,800		1306K	21306K	H306	FR72X9	2	Feltro
																2306K		H2306	FR72X10	1	
30	SNH506	62	150	185	50	22	89	77	52	15	20	32	M12	2,000	30	1206K		H206	FR62X8	2	TA, TG, TC
																2206K	22206K	H306	FR62X6	2	
	SNH607	72	150	185	50	22	93	82	52	15	20	34	M12	2,100		1306K		H306	FR72X7,5	2	TA, TG, TC
																2306K		H2306	FR72X7	1	
	SN507	72	150	185	50	22	95	82	52	15	20	34	M12	1,900		1207K		H207	FR72X8	2	Feltro
																2207K	22207K	H307	FR72X10	1	
35	SN607	80	170	205	60	25	110	90	60	15	20	39	M12	2,600	35	1307K	21307K	H307	FR80X10	2	Feltro
																2307K		H2307	FR80X10	1	
	SNH507	72	150	185	50	22	93	82	52	15	20	34	M12	2,100		1207K		H207	FR72X8,5	2	TA, TG, TC
																2207K	22207K	H307	FR72X5,5	2	
	SNH607	80	170	205	60	25	107	85	60	15	20	39	M12	2,650		1307K		H307	FR80X9	2	TA, TG, TC
																2307K		H2307	FR80X4	2	
40	SN508	80	170	205	60	25	110	85	60	15	20	39	M12	2,600	40	1208K		H208	FR80X7,5	2	Feltro
																2208K	22208K	H308	FR80X10	1	
	SN608	90	170	205	60	25	115	95	60	15	20	41	M12	2,900		1308K	21308K	H308	FR90X10	2	Feltro
																2308K	22308K	H2308	FR90X10	1	
	SNH508	80	170	205	60	25	107	85	60	15	20	39	M12	2,650		1208K		H208	FR80X10,5	2	TA, TG, TC
																2208K	22208K	H308	FR80X8	2	
45	SNH608	90	170	205	60	25	113	90	60	15	20	41	M12	3,000	45	1308K	21308K	H308	FR90X9	2	TA, TG, TC
																2308K	22308K	H2308	FR90X4	2	
	SN509	85	170	205	60	25	112	85	60	15	20	30	M12	2,800		1209K		H209	FR85X6	2	Feltro
																2209K	22209K	H309	FR85X8	1	
	SN609	100	210	255	70	28	130	105	70	18	24	44	M16	4,100		1309K	21309K	H309	FR100X10,5	2	Feltro
																2309K	22309K	H2309	FR100X10	1	
50	SNH509	85	170	205	60	25	109	85	60	15	20	30	M12	3,000	50	1209K		H209	FR85X5,5	2	TA, TG, TC
																2209K	22209K	H309	FR85X3,5	2	
	SNH609	100	210	255	70	28	127	95	70	18	24	44	M16	4,250		1309K	21309K	H309	FR100X9,5	2	TA, TG, TC
																2309K	22309K	H2309	FR100X4	2	
	SN510	90	170	205	60	25	115	90	60	15	20	41	M12	3,100		1210K		H210	FR90X6,5	2	Feltro
																2210K	22210K	H310	FR90X10	1	
55	SN610	110	210	255	70	30	135	105	70	18	24	48	M16	4,700	55	1310K	21310K	H310	FR110X11,5	2	Feltro
																2310K	22310K	H2310	FR110X10	1	
	SNH510	90	170	205	60	25	113	90	60	15	20	41	M12	3,000		1210K		H210	FR90X10,5	2	TA, TG, TC
																2210K	22210K	H310	FR90X9	2	
	SNH610	110	210	255	70	30	133	105	70	18	24	48	M16	5,250		1310K	21310K	H310	FR110X10,5	2	TA, TG, TC
																2310K	22310K	H2310	FR110X4	2	
60	SN511	100	210	255	70	28	130	95	70	18	24	44	M16	4,500	60	1211K		H211	FR100X6	2	Feltro
																2211K	22211K	H311	FR100X8	1	
	SN611	120	230	275	80	30	150	120	80	18	24	51	M16	5,800		1311K	21311K	H311	FR120X12	2	Feltro
																2311K	22311K	H2311	FR120X10	1	
	SNH511	100	210	255	70	28	127	95	70	18	24	44	M16	4,250		1211K		H211	FR100X11,5	2	TA, TG, TC
																2211K	22211K	H311	FR100X9,5	2	
65	SNH611	120	230	275	80	30	148	110	80	18	24	51	M16	6,300	65	1311K	21311K	H311	FR120X11	2	TA, TG, TC
																2311K	22311K	H2311	FR120X4	2	
	SN512	110	210	255	70	30	135	105	70	18	24	48	M16	5,100		1212K		H212	FR110X8	2	Feltro
																2212K	22212K	H312	FR110X10	1	
	SN612	130	230	280	80	30	155	125	80	18	24	56	M16	6,500		1312K	21312K	H312	FR130X12,5	2	Feltro
																2312K	22312K	H2312	FR130X10	1	
70	SNH512	110	210	255	70	30	133	105	70	18	24	48	M16	5,300	70	1212K		H212	FR110X13	2	TA, TG, TC
																2212K	22212K	H312	FR110X10	2	
	SNH612	130	230	280	80	30	154	115	80	18	24	56	M16	6,900		1312K	21312K	H312	FR130X12,5	2	TA, TG, TC
																2312K	22312K	H2312	FR130X5	2	
	SN513	120	230	275	80	30	150	110	80	18	24	51	M16	5,600		1213K		H213	FR120X10	2	Feltro
																2213K	22213K	H313	FR120X12	1	
75	SN613	140	260	315	95	32	175	130	90	22	27	58	M20	8,700	75	1313K	21313K	H313	FR140X12,5	2	Feltro
																2313K	22313K	H2313	FR140X10	1	
	SNH513	120	230	275	80	30	148	110	80	18	24	51	M16	6,300		1213K		H213	FR120X14	2	TA, TG, TC
																2213K	22213K	H313	FR120X10	2	
	SNH613	140	260	315	95	32	175	120	90	22	28	58	M20	9,400		1313K	21313K	H313	FR140X12,5	2	TA, TG, TC
																2313K	22313K	H2313	FR140X5	2	

CATÁLOGO ROLAMENTOS

	Mancal	Medidas												Massa		Acessórios					
Exo	Número	D	J	L	H	H ₁	H ₂	A	A ₁	N ₁	N ₂	C	G	Peso	Exo	Rolamentos		Bucha	Anel de Bloqueio		Vedacao
mm		mm												Kg	mm	Números			Qtd/pcs	Tipo	
65	SN515	130	230	280	80	30	155	115	80	18	24	56	M16	7,100	65	1215K		H215	FR130X8	2	Feltro
																2215K	22215K	H315	FR130X10	1	
	SN615	160	290	345	100	35	195	140	100	22	28	65	M20	11,300		1315K	21315K	H315	FR160X14	2	Feltro
																2315K	22315K	H2315	FR160X10	1	
	SNH515	130	230	280	80	30	154	115	80	18	24	56	M16	6,900		1215K		H215	FR130X15,5	2	TA, TG, TC
															2215K	22215K	H315	FR130X12,5	2		
	SNH615	160	290	345	100	35	193	140	100	22	28	65	M20	12,600	1315K	21315K	H315	FR160X14	2	TA, TG, TC	
															2315K	22315K	H2315	FR160X5	2		
70	SN516	140	260	315	95	32	175	120	90	22	28	58	M20	9,100	70	1216K		H216	FR140X8,5	2	Feltro
																2216K	22216K	H316	FR140X10	1	
	SN616	170	290	345	112	35	212	145	100	22	28	68	M20	12,600		1316K	21316K	H316	FR170X14,5	2	Feltro
																2316K	22316K	H2316	FR170X10	1	
	SNH516	140	260	315	95	32	175	120	90	22	28	58	M20	9,400		1216K		H216	FR140X16	2	TA, TG, TC
															2216K	22216K	H316	FR140X12,5	2		
	SNH616	170	290	345	112	35	210	145	100	22	28	68	M20	13,500	1316K	21316K	H316	FR170X14,5	2	TA, TG, TC	
															2316K	22316K	H2316	FR170X5	2		
75	SN517	150	260	320	95	32	185	125	90	22	28	61	M20	10,100	75	1217K		H217	FR150X9	2	Feltro
																2217K	22217K	H317	FR150X10	1	
	SN617	180	320	380	112	40	218	155	110	26	32	70	M24	15,100		1317K	21317K	H317	FR180X14,5	2	Feltro
																2317K	22317K	H2317	FR180X10	1	
	SNH517	150	260	320	95	32	183	125	90	22	28	61	M20	9,600		1217K		H217	FR150X16,5	2	TA, TG, TC
															2217K	22217K	H317	FR150X12,5	2		
	SNH617	180	320	380	112	40	215	160	110	26	32	70	M24	16,500	1317K	21317K	H317	FR180X14,5	2	TA, TG, TC	
															2317K	22317K	H2317	FR180X5	2		
80	SN518	160	290	345	100	35	195	145	100	22	28	65	M20	13,100	80	1218K		H218	FR160X16,5	2	Feltro
																2218K	22218K	H318	FR160X11,2	2	
																23218K		H2318	FR160X10	1	
	SN618	190	320	380	112	40	225	160	110	26	32	74	M24	19,100		1318K	21318K	H318	FR190X15,5	2	
																2318K	22318K	H2318	FR190X10	1	
	SNH518	160	290	345	100	35	193	140	100	22	28	65	M20	12,600	1218K		H218	FR160X17,5	2	TA, TG, TC	
															2218K	22218K	H318	FR160X12,5	2		
															23218K		H2318	FR160X6,25	2		
	SNH618	190	320	380	112	40	229	155	110	26	32	74	M24	16,700	1318K	21318K	H318	FR190X15,5	2	TA, TG, TC	
															2318K	22318K	H2318	FR190X5	2		
85	SN519	170	290	345	112	35	210	140	100	22	28	68	M20	15,100	85	1219K		H219	FR170X10,5	2	Feltro
																2219K	22219K	H319	FR170X10	1	
	SN619	200	350	410	125	45	245	170	120	26	32	80	M24	22,100		1319K	21319K	H319	FR200X16	2	Feltro
																2319K	22319K	H2319	FR200X10	1	
	SNH519	170	290	345	112	35	210	145	100	22	28	68	M20	13,500		1219K		H219	FR170X18	2	TA TG TC
															2219K	22219K	H319	FR170X12,5	2		
	SNH619	200	350	410	125	45	239	175	120	26	32	80	M24	22,500	1319K	21319K	H319	FR200X17,5	2	TA, TG, TC	
															2319K	22319K	H2319	FR200X6,5	2		
90	SN520	180	320	380	112	40	218	160	110	26	32	70	M24	18,500	90	1220K		H220	FR180X18,1	2	Feltro
																2220K	22220K	H320	FR180X12,1	2	
																23220K		H2320	FR180X10	1	
	SN620	215	350	410	140	45	270	175	120	26	32	86	M24	25,100		1320K	21320K	H320	FR215X18	2	Feltro
																2320K	22320K	H2320	FR215X10	1	
	SNH520	180	320	380	112	40	215	160	110	26	32	70	M24	16,700	1220K		H220	FR180X18	2	TA, TG, TC	
															2220K	22220K	H320	FR180X12	2		
															23220K		H2320	FR180X4,85	2		
	SNH620	215	350	410	140	45	271	185	120	26	32	86	M24	27,500	1320K	21320K	H320	FR215X19,5	2	TA, TG, TC	
															2320K	22320K	H2320	FR215X6,5	2		
100	SN3122	180	320	380	112	40	218	155	110	26	32	66	M24	18,100	100	23122K		H3122	FR180X10	1	Feltro
	SN522	200	350	410	125	45	240	175	120	26	32	80	M24	20,100		1222K		H222	FR200X21	2	Feltro
																2222K	22222K	H322	FR200X13,5	2	
																23222K		H2322	FR200X10	1	
	SN622	240	390	450	150	50	300	190	130	28	36	90	M24	32,100		1322K	21322K	H322	FR240X20	2	Feltro
															2322K	22322K	H2322	FR240X10	1		
	SNH522	200	250	410	125	45	239	175	120	26	32	80	M24	22,500	1222K		H222	FR200X21	2	TA, TG, TC	
															2222K	22222K	H322	FR200X13,5	2		
															23222K		H2322	FR200X5,1	2		
	SNH622	240	390	450	150	50	298	185	130	28	35	90	M24	34,600	1322K	21322K	H322	FR240X20	2	TA, TG, TC	
															2322K	22322K	H2322	FR240X5	2		
110	SN3024	180	320	380	112	40	218	150	110	26	32	56	M24	16,100	110	23024K		H3024	FR180X10	1	Feltro
	SN3124	200	350	410	125	45	245	165	120	26	32	72	M24	20,100		23124K		H3124	FR200X10	1	Feltro
	SN524	215	350	410	140	45	270	185	120	26	32	86	M24	24,500		22224K		H3124	FR215X14	2	Feltro
																23224K		H2324	FR215X10	1	
	SN624	260	450	530	160	60	320	200	160	33	42	96	M30	48,100		23234K		H2324	FR260X10	1	Feltro
	SNH524	215	350	410	140	45	271	185	120	26	32	86	M24	27,500	22224K		H3124	FR215X14	2	TA, TG, TC	
															23224K		H2324	FR215X5	2		
	SNH624	260	450	530	160	60	321	190	160	35	42	98	M30	41,800	23234K		H2324	FR260X6	2	TA, TG, TC	
115	SN3026	200	350	410	125	45	240	160	120	26	32	62	M24	19,100	115	23026K		H3026	FR200X10	1	Feltro
	SN3126	210	350	410	140	45	270	170	120	26	32	74	M24	26,100		23126K		H3126	FR210X10	1	Feltro
	SN526	230	380	445	150	50	290	190	130	28	35	90	M24	30,100		22226K		H3126	FR230X13	2	Feltro
																23226K		H2326	FR230X10	1	
	SNH526	230	380	445	150	50	290	190	130	28	35	90	M24	34,600		22236K		H2326	FR280X10	1	Feltro
															22226K		H3126	FR230X13	2	TA, TG, TC	
															23226K		H2326	FR230X5	2		
	SNH626	280	470	550	170	60	344	205	160	35	42	106	M30	47,600	23236K		H2326	FR280X6,5	2	TA, TG, TC	
125	SN3028	210	350	410	140	45	270	170	120	26	32	63	M24	25,100	125	23028K		H3028	FR210X10	1	Feltro
	SN3128	225	380	445	150	50	290	180	130	28	36	78	M24	32,100		23128K		H3128	FR225X10	1	Feltro
	SN528	250	420	500	150	50	305	205	150	35	42	98	M30	38,100		22228K		H3128	FR250X15	2	Feltro
																23228K		H2328	FR250X10	1	
	SNH528	250	420	500	150	50	302	205	150	35	42	98	M30	41,800		22238K		H2328	FR300X10	1	Feltro

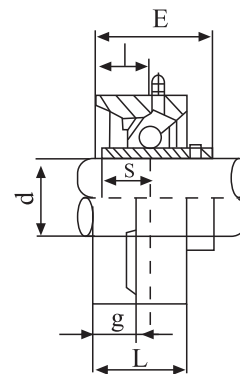
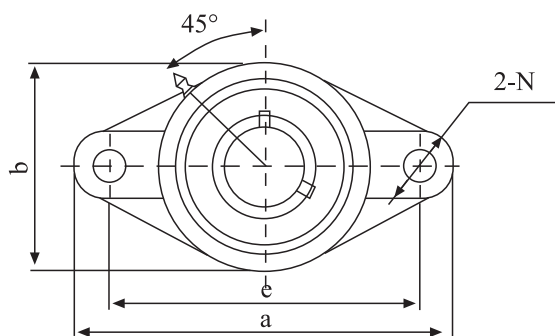
CATÁLOGO ROLAMENTOS

	Mancal	Medidas												Massa		Acessórios					
Eixo	Número	D	J	L	H	H ₁	H ₂	A	A ₁	N ₁	N ₂	C	G	Peso	Eixo	Rolamentos		Bucha	Anel de Bloqueio		Vedacao
mm		mm												Kg	mm	Números				Qtd/pcs	Tipo
135	SN3030	225	380	445	150	50	290	175	130	28	35	66	M24	29,100	135	23030K		H3030	FR225X10	1	Feltro
	SN3130	250	420	500	150	50	305	200	150	35	42	90	M30	38,100		23130K		H3130	FR250X10	1	Feltro
	SN530	270	450	530	160	60	325	220	160	35	42	106	M30	46,100		22230K		H3130	FR270X16,5	2	Feltro
																23230K		H2330	FR270X10	1	
	SN630	320	560	650	190	65	385	245	180	35	45	118	M30	98,100		22320K		H2330	FR320X10	1	Feltro
	SNH530	270	450	530	160	60	323	220	160	35	42	106	M30	47,600		22230K		H3130	FR270X16,5	2	TA, TG, TC
																23230K		H2330	FR270X5	2	
	SNH630	320	560	650	190	65	386	225	180	35	42	118	M30	53,500		22330K		H2330	FR320X5	2	TA, TG, TC
140	SN3032	240	390	450	150	50	300	190	130	28	35	70	M24	32,100	140	23032K		H3032	FR240X10	1	Feltro
	SN3132	270	450	530	160	60	325	215	160	35	42	96	M30	48,100		23132K		H3132	FR270X10	1	Feltro
	SN532	290	470	530	170	60	345	235	160	35	42	114	M30	50,100		22232K		H3132	FR290X17	2	Feltro
																23232K		H2332	FR290X10	1	
	SN632	340	580	680	200	70	405	255	190	42	50	124	M36	115,100		22332K		H2332	FR340X10	1	Feltro
	SNH532	290	470	550	170	60	344	235	160	35	42	114	M30	54,500		22232K		H3132	FR290X17	2	TA, TG, TC
																23232K		H2332	FR290X5	2	
	SNH632	340	580	680	200	70	406	235	190	42	50	124	M36	70,000		22332K		H2332	FR340X5	2	TA, TG, TC

MANCAIS MONOBLOCOS

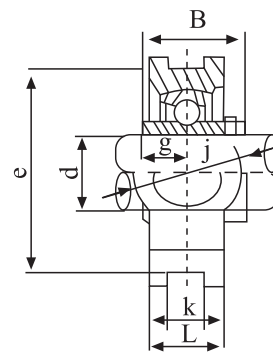
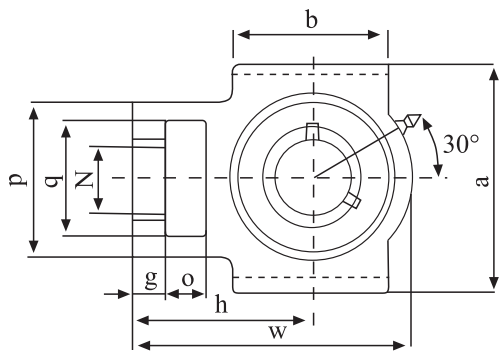


CATÁLOGO ROLAMENTOS



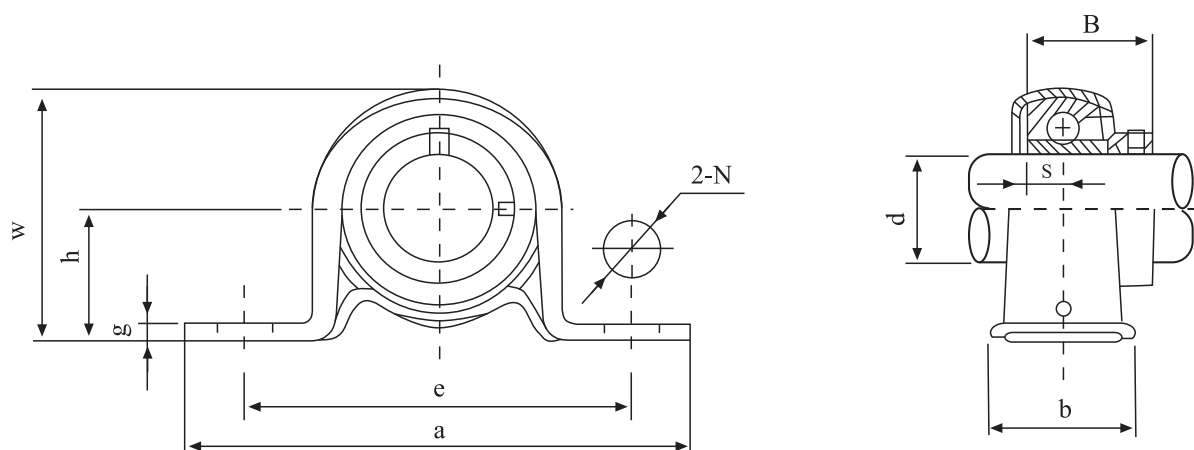
Unidade de Rolamento Nº	Diâmetro do Furo		Dimensões (Polegadas) ou (mm)									Rolamento Nº	Alojamento Nº	Peso (kg)
	Poleg.	mm	a	e	i	b	g	L	N	E	S			
UCFL 201 201-8 202 202-10 203 203-11	1/2 5/8 11/16	12 15 17	3.8976 99	3.0000 76.2	0.5906 15	2.2441 57	0.4331 11	1.0039 25.5	0.4528 11.5	1.3110 33.3	0.5000 12.7	UC 201 201-8 202 202-10 203 203-11	FL 203	0.56
UCFL 204 204-12	3/4	20	4.4488 113	3.5433 90	0.5906 15	2.3622 60	0.4331 11	1.0039 25.5	0.4724 12	1.3110 33.3	0.5000 12.7	UC 204 204-12	FL 204	0.52
UCFL 205 205-14 202-15 202-16	7/8 15/16 1	25	5.1181 130	3.8976 99	0.6299 16	2.6772 68	0.5118 13	1.0630 27	10.6299 16	1.4094 35.8	0.5630 14.3	UC 205 205-14 202-15 202-16	FL 205	0.64
UCFL 206 206-17 206-18 206-19 206-20	1-1/16 1-1/8 1-3/16 1-1/4	30	5.8268 148	4.6063 117	0.7087 18	3.1496 80	0.5118 13	1.2205 31	0.6299 16	1.5827 40.2	0.6260 15.9	UC 206 206-17 206-18 206-19 206-20	FL 206	0.93
UCFL 207 207-20 207-21 207-22 207-23	1-1/4 1-5/16 1-3/8 1-7/16	35	6.3386 161	5.1181 130	0.7480 19	3.5433 90	0.5906 15	1.3386 34	0.6299 16	1.7480 44.4	0.6890 17.5	UC 207 207-20 207-21 207-22 207-23	FL 207	1.20
UCFL 208 208-24 208-25	1-1/2 1-9/16	40	6.8898 175	5.6693 144	0.8268 21	3.9370 100	0.5906 15	1.4173 36	0.6299 16	2.0157 51.2	0.7480 19.0	UC 208 208-24 208-25	FL 208	1.59
UCFL 209 209-26 209-27 209-28	1-5/8 1-11/16 1-3/4	45	7.4016 188	5.8268 148	0.8661 22	4.2520 108	0.6299 16	1.4961 38	0.7480 19	2.0551 52.2	0.7480 19.0	UC 209 209-26 209-27 209-28	FL 209	1.81
UCFL 210 210-29 210-30 210-31 210-32	1-13/16 1-7/8 1-15/16 2	50	7.7559 197	6.1811 157	0.8661 22	4.5276 115	0.6299 16	1.5748 40	0.7480 19	2.1496 54.6	0.7480 19.0	UC 210 210-29 210-30 210-31 210-32	FL 210	2.15
UCFL 211 211-32 211-33 211-34 211-35	2 2-1/16 2-1/8 2-3/16	55	8.8199 224	7.2441 184	0.9842 25	5.1181 130	0.7087 18	1.6929 43	0.7480 19	2.2992 58.4	0.874 22.2	UC 211 211-32 211-33 211-34 211-35	FL 211	3.10
UCFL 212 212-36 212-37 212-38 212-39	2-1/4 2-5/16 2-3/8 2-7/16	60	9.8425 250	7.9528 202	1.1417 29	5.5118 140	0.7087 18	1.8898 48	0.9055 23	2.7047 68.7	1.0000 25.4	UC 212 212-36 212-37 212-38 212-39	FL 212	3.99
UCFL 213 213-40 213-41	2-1/2 2-9/16	65	10.157 258	8.2677 210	2.1811 30	6.1024 155	0.8661 22	1.9685 50	0.9055 23	1.7441 69.7	1.0000 25.4	UC 213 213-40 213-41	FL 213	4.96
UCFL 214 214-42 214-43 214-44	2-5/8 2-11/16 2-3/4	70	10.433 265	8.5039 216	1.2205 31	6.2992 160	0.8661 22	2.1260 54	0.9055 23	2.9685 75.4	1.1890 30.2	UC 214 214-42 214-43 214-44	FL 214	5.60
UCFL 215 215-45 215-46 215-47 215-48	2-13/16 2-7/8 2-15/16 3	75	10.827 275	8.8553 225	1.3386 34	6.4961 165	0.8661 22	2.2047 56	0.9055 23	3.0906 78.5	1.3110 33.3	UC 215 215-45 215-46 215-47 215-48	FL 215	6.21
UCFL 216 216-50	3-1/8	80	11.417 290	9.1733 233	1.3386 34	7.0866 180	0.8661 22	2.2835 58	0.9842 25	3.2795 83.3	vv1.3110 33.3	UC 216 216-50	FL 216	7.69
UCFL 217 217-52	3-1/4	85	12.008 305	9.7638 248	1.4173 36	7.4803 190	0.9449 24	2.4803 63	0.9842 25	3.4488 87.6	1.3425 34.1	UC 217 217-52	FL 217	9.15
UCFL 218 218-56	3-1/2	90	12.598 320	10.433 265	1.5748 40	8.0709 205	0.9449 24	2.6772 68	0.9842 25	3.7913 96.3	1.5630 39.7	UC 218 218-56	FL 218	10.95

CATÁLOGO ROLAMENTOS



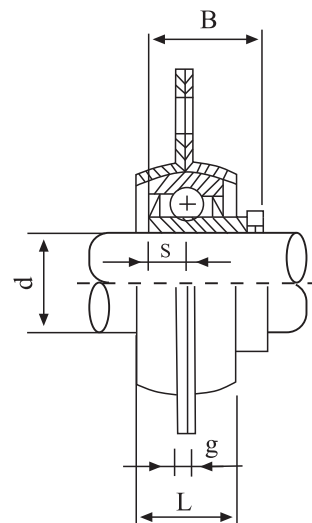
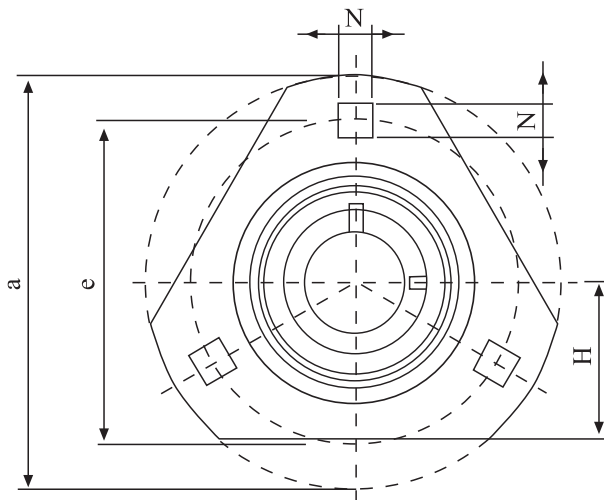
Unidade de Rolamento Nº	Diâmetro do Furo		Dimensões (Polegadas) ou (mm)															Rolamento Nº	Alojamento Nº	Peso (kg)
	d		w	h	g	b	N	q	o	a	e	p	j	k	L	B	s			
	Poleg.	mm																		
UCT 201 201-8 202 202-10 203 203-11	1/2 5/8 11/16	12 15 17	3.7008 94	2.4016 61	0.3937 10	2.0079 51	0.7480 19	1.2598 32	0.6299 16	3.5039 89	2.9921 76	2.0079 51	1.2598 32	0.4724 12	0.8268 21	1.2205 31.0	0.5000 12.7	UC 201 201-8 202 202-10 203 203-11	T 204	0.93
UCT 204 204-12	3/4	20	3.7008 94	2.4016 61	0.3937 10	2.0079 51	0.7480 19	1.2598 32	0.6299 16	3.5039 89	2.9921 76	2.0079 51	1.2598 32	0.4724 12	0.8268 21	1.2205 31.0	0.5000 12.7	UC 204 204-12	T 204	0.89
UCT 205 205-14 202-15 202-16	7/8 15/16 1	25	1.8159 97	2.4409 62	0.3937 10	2.0079 51	0.7480 19	1.2598 32	0.6299 16	3.5039 89	2.9921 76	2.0079 51	1.2598 32	0.4724 12	0.9449 24	1.3425 34.1	0.5630 14.3	UC 205 205-14 202-15 202-16	T 205	0.99
UCT 206 206-17 206-18 206-19 206-20	1-1/16 1-1/8 1-3/16 1-1/4	30	4.4488 113	2.7559 70	0.3937 10	2.2441 57	0.8661 22	1.4567 37	0.6299 16	4.0157 102	3.5039 89	2.2047 56	1.4567 37	0.4724 12	1.1024 28	1.5000 38.1	0.6260 15.9	UC 206 206-17 206-18 206-19 206-20	T 206	1.46
UCT 207 207-20 207-21 207-22 207-23	1-1/4 1-5/16 1-3/8 1-7/16	35	5.0787 129	3.0709 78	0.5118 13	2.5197 64	0.8661 22	1.4567 37	0.6299 16	4.0157 102	3.5039 89	2.5197 64	1.4567 37	0.4724 12	1.1811 30	1.6890 42.9	0.6890 17.5	UC 207 207-20 207-21 207-22 207-23	T 207	1.81
UCT 208 208-24 208-25	1-1/2 1-9/16	40	5.6693 144	3.4646 88	0.6299 16	3.2677 83	1.1417 29	1.9291 49	0.7480 19	4.4882 114	4.0157 102	3.2677 83	1.9291 49	0.6299 16	1.2992 33	1.9370 49.2	0.7480 19.0	UC 208 208-24 208-25	T 208	2.68
UCT 209 209-26 209-27 209-28	1-5/8 1-11/16 1-3/4	45	5.6693 144	3.4252 87	0.6299 16	3.2677 83	1.1417 29	1.9291 49	0.7480 19	4.6063 117	4.0157 102	3.2677 83	1.9291 49	0.6299 16	1.3780 35	1.9370 49.2	0.7480 19.0	UC 209 209-26 209-27 209-28	T 209	2.99
UCT 210 210-29 210-30 210-31 210-32	1-13/16 1-7/8 1-15/16 2	50	5.8661 149	3.5433 90	0.6299 16	3.3858 86	1.1417 29	1.9291 49	0.7480 19	4.6063 117	4.0157 102	3.2677 83	1.9291 49	0.6299 16	1.4567 37	2.0315 51,6	0.7480 19.0	UC 210 210-29 210-30 210-31 210-32	T 210	2.98
UCT 211 211-32 211-33 211-34 211-35	2 2-1/16 2-1/8 2-3/16	55	6.7323 171	1.1732 106	0.7480 19	3.7402 95	1.3780 35	2.5197 64	0.9842 25	5.7480 146	5.1181 130	4.0157 102	2.5197 64	0.8661 22	1.4961 38	2.1890 55.6	0.8740 22.2	UC 211 211-32 211-33 211-34 211-35	T 211	4.51
UCT 212 212-36 212-37 212-38 212-39	2-1/4 2-5/16 2-3/8 2-7/16	60	7.6378 194	4.6850 119	0.7480 19	4.0157 102	1.3780 35	2.5197 64	1.2598 32	5.7480 146	5.1181 130	4.0157 102	2.5197 64	0.8661 22	1.6535 42	2.5630 65.1	1.0000 25.4	UC 212 212-36 212-37 212-38 212-39	T 212	5.57
UCT 213 213-40 213-41	2-1/2 2-9/16	65	8.8189 224	5.3937 137	0.8268 21	4.7638 121	1.6142 41	2.7559 70	1.2598 32	6.5748 167	5.9449 151	4.3701 111	2.7559 70	1.0236 26	1.7323 44	2.5630 65.1	1.0000 25.4	UC 213 213-40 213-41	T 213	7.40
UCT 214 214-42 214-43 214-44	2-5/8 2-11/16 2-3/4	70	8.8189 224	5.3937 137	0.8268 21	4.7638 121	1.6142 41	2.7559 70	1.2598 32	6.5748 167	5.9449 151	4.3701 111	2.7559 70	1.0236 26	1.8110 46	2.9370 74.6	1.1890 30.2	UC 214 214-42 214-43 214-44	T 214	7.66
UCT 215 215-45 215-46 215-47 215-48	2-13/16 2-7/8 2-15/16 3	75	9.1338 232	5.5118 140	0.8268 21	4.7638 121	1.6142 41	2.7559 70	1.2598 32	6.5748 167	5.9449 151	4.3701 111	2.7559 70	1.0236 26	1.8898 48	3.0630 77.8	1.3110 33.3	UC 215 215-45 215-46 215-47 215-48	T 215	8.29
UCT 216 216-50	3-1/8	80	9.2520 235	5.5118 140	0.8268 21	4.7638 121	1.6142 41	2.7559 70	1.2598 32	7.2441 184	6.4961 165	4.3701 111	2.7559 70	1.0236 26	2.0079 51	3.2520 82.16	1.3110 33.3	UC 216 216-50	T 216	9.32
UCT 217 217-52	3-1/4	85	10.236 260	6.3780 162	1.1417 29	6.1811 157	1.8898 48	2.8740 73	1.4961 38	7.5953 198	6.8110 173	4.8819 124	2.8740 73	1.1811 30	2.1260 54	3.3740 85.7	1.3425 34.1	UC 217 217-52	T 217	11.96
UCT 218 218-56	3-1/2	90	10.827 275	6.6929 170	1.1811 30	5.5118 140	1.8898 48	3.1496 80	1.5748 40	8.4646 215	7.4803 190	5.1181 130	3.1496 80	1.1811 30	2.1654 55	3.7795 96	1.5638 19.7	UC 218 218-56	T 218	14.73

CATÁLOGO ROLAMENTOS



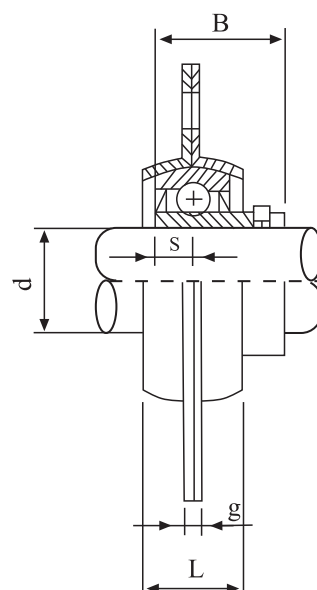
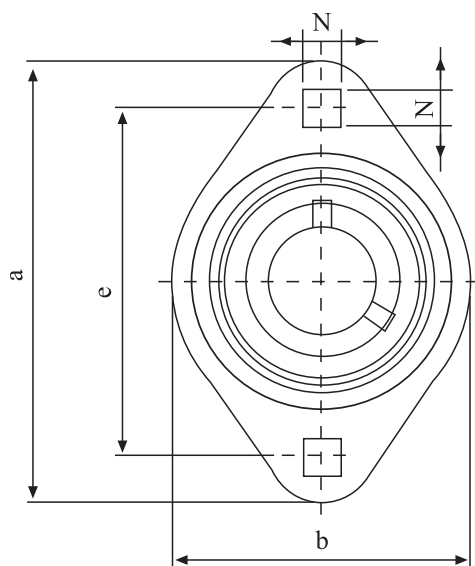
Unidade de Rolamento Nº	Diâmetro do Furo		Dimensões (Polegadas) ou (mm)									Rolamento Nº	Alojamento Nº	Peso (kg)
	d		h	a	e	b	N	g	w	S	B			
	Poleg.	mm												
SAPP 201 201-8 202 202-10 203 203-11	1/2 5/8 11/16	12 15 17	0.8740 22.2	3.3858 86	2.6772 68	0.9842 25	0.3740 9.5	0.1260 3.2	0.7244 43.8	0.2362 6.0	1.1250 28.6	SA 201 201-8 202 202-10 203 203-11	PP 203	0.21
SAPP 204 204-12	3/4	20	1.0000 25.4	3.8583 98	2.9921 76	1.2598 32	0.3740 9.5	0.1260 3.2	1.9882 50.5	0.2756 7.0	1.2205 31	SA 204 204-12	PP 204	0.27
SAPP 205 205-14 202-15 202-16	7/8 15/16 1	25	1.1260 28.6	4.2520 108	3.3858 86	1.2598 32	0.4528 11.5	0.1575 4.0	2.2883 56.6	0.2953 7.5	1.2205 31	SA 205 205-14 202-15 202-16	PP 205	0.34
SAPP 206 206-17 206-18 206-19 206-20	1-1/16 1-1/8 1-3/16 1-1/4	30	1.3110 33.3	4.6063 117	3.7402 95	1.4961 38	0.4528 11.5	0.1575 4.0	2.6102 66.3	0.3150 8.0	1.4055 35.7	SA 206 206-17 206-18 206-19 206-20	PP 206	0.52
SAPP 207 207-20 207-21 207-22 207-23	1-1/4 1-5/16 1-3/8 1-7/16	35	1.5630 39.7	5.0787 129	4.1732 106	1.6535 42	0.4528 11.5	0.1811 4.6	3.0709 78.0	0.3346 8.5	1.5315 38.9	SA 207 207-20 207-21 207-22 207-23	PP 207	0.73

CATÁLOGO ROLAMENTOS



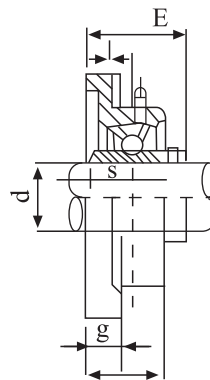
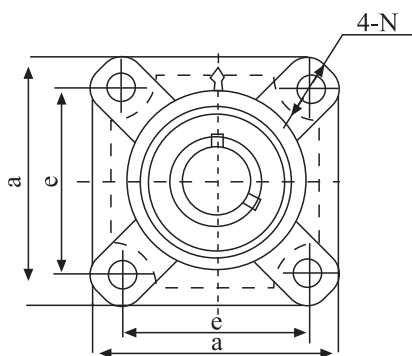
Unidade de Rolamento Nº	Diâmetro do Furo		Dimensões (Polegadas) ou (mm)								Rolamento Nº	Alojamento Nº	Peso (kg)
	d		a	e	g	N	L	H	S	B			
	Poleg.	mm											
SAPFT 201 201-8 202 202-10 203 203-11	1/2 5/8 11/16	12 15 17	3.1890 81	2.4803 63	0.1575 4.0	0.2756 7	0.5512 14	1.1417 29	0.2362 6.0	1.1260 28.6	SA 201 201-8 202 202-10 203 203-11	PFT 203	0.24
SAPFT 204 204-12	3/4	20	3.5443 90	2.7953 71	0.1575 4.0	0.3543 9	0.6693 17	1.2992 33	0.2756 7.0	1.2205 31.0	SA 204 204-12	PFT 204	0.31
SAPFT 205 205-14 202-15 202-16	7/8 15/16 1	25	3.7402 95	2.9921 76	0.1575 4.0	0.3543 9	0.7087 18	1.3780 35	0.2953 7.5	1.2205 31.0	SA 205 205-14 202-15 202-16	PFT 205	0.37
SAPFT 206 206-17 206-18 206-19 206-20	1-1/16 1-1/8 1-3/16 1-1/4	30	4.4448 113	3,5433 90	0.2047 5.2	0.4331 11	0.7480 19	1.4961 38	0.3150 8.0	1.4055 35.7	SA 206 206-17 206-18 206-19 206-20	PFT 206	0.60
SAPFT 207 207-20 207-21 207-22 207-23	1-1/4 1-5/16 1-3/8 1-7/16	35	14.8031 122	3.9370 100	0.2047 5.2	0.4331 11	0.8268 21	1.7323 44	0.3346 8.5	1.5315 38.9	SA 207 207-20 207-21 207-22 207-23	PFT 207	0.90
SAPFT 208 208-24 208-25	1-1/2 1-9/16	40	5.8268 148	4.6850 119	0.2677 6.8	0.5512 14	0.8268 21	1.9685 50	0.3543 9.0	1.7205 43.7	SA 208 208-24 208-25	PFT 208	1.16

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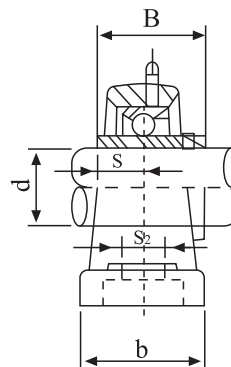
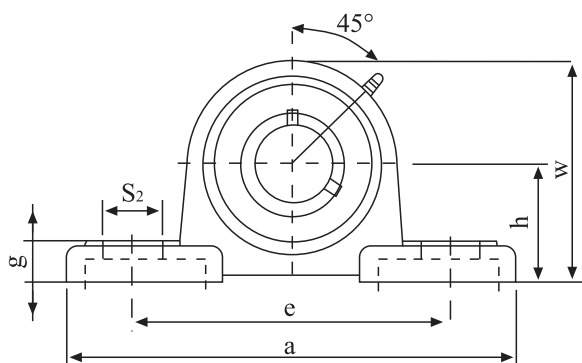
Unidade de Rolamento Nº	Diâmetro do Furo		Dimensões (Polegadas) ou (mm)								Rolamento Nº	Alojamento Nº	Peso (kg)
	d		a	e	g	N	L	b	S	B			
	Poleg.	mm											
SBPFL 201 201-8 202 202-10 203 203-11	1/2 5/8 11/16	12 15 17	3.12890 81	2.5000 63.5	0.1575 4.0	0.2756 7	0.5512 14	2.3228 59	0.2362 6.0	0.8661 22	SB 201 201-8 202 202-10 203 203-11	PFL 203	0.17
SBPFL 204 204-12	3/4	20	3.543 90	2.8150 71.5	0.1575 4.0	0.3543 9	0.6299 16	2.6378 67	0.2756 7.0	0.9842 25	SB 204 204-12	PFL 204	0.24
SBPFL 205 205-14 202-15 202-16	7/8 15/16 1	25	3.7402 95	2.9921 76	0.1575 4.0	0.3543 9	0.7087 18	2.7953 71	0.2953 7.5	1.0630 27	SB 205 205-14 202-15 202-16	PFL 205	0.30
SBPFL 206 206-17 206-18 206-19 206-20	1-1/16 1-1/8 1-3/16 1-1/4	30	4.4488 113	3.5630 90.5	0.2047 5.2	0.4331 11	0.7480 19	3.3071 84	0.3150 8.0	1.1811 30	SB 206 206-17 206-18 206-19 206-20	PFL 206	0.45
SBPFL 207 207-20 207-21 207-22 207-23	1-1/4 1-5/16 1-3/8 1-7/16	35	4.9213 125	3.9370 100	0.2047 5.2	0.4331 11	0.8661 22	3.7008 94	0.3346 8.5	1.2598 32	SB 207 207-20 207-21 207-22 207-23	PFL 207	0.59
SBPFL 208 208-24 208-25	1-1/2 1-9/16	40	5.8268 148	4.6850 119	0.2677 6.8	0.5512 14	0.9055 23	4.3307 110	0.3453 9.0	1.3366 34	SB 208 208-24 208-25	PFL 208	0.84

CATÁLOGO ROLAMENTOS



Unidade de Rolamento Nº	Diâmetro do Furo		Dimensões (Polegadas) ou (mm)								Rolamento Nº	Alojamento Nº	Peso (kg)
	Poleg.	mm	a	e	i	g	L	N	P	S			
UCF 201 201-8 202 202-10 203 203-11	1/2 5/8 11/16	12 15 17	3.3858 86	2.5197 64	0.5906 15	0.4331 11	1.0039 25.5	0.4724 12	1.3110 33.3	0.5000 12.7	UC 201 201-8 202 202-10 203 203-11	F 203	1.00
UCF 204 204-12	3/4	20	3.3558 86	2.5197 64	0.5906 15	0.4724 12	1.0030 25.5	0.4724 12	1.3110 33.3	0.5000 12.7	UC 204 204-12	F 204	0.95
UCF 205 205-14 202-15 202-16	7/8 15/16 1	25	3.7402 95	2.7559 70	0.6299 16	0.5512 14	1.0630 27	0.4724 12	1.4094 35.8	0.5630 14.3	UC 205 205-14 202-15 202-16	F 205	1.20
UCF 206 206-17 206-18 206-19 206-20	1-1/16 1-1/8 1-3/16 1-1/4	30	4.2520 108	3.2677 83	0.7987 18	0.5630 14.3	1.2205 31	0.4724 12	1.5827 40.2	0.6260 15.9	UC 206 206-17 206-18 206-19 206-20	F 206	1.89
UCF 207 207-20 207-21 207-22 207-23	1-1/4 1-5/16 1-3/8 1-7/16	35	4.6063 117	3.6220 92	0.7480 19	0.6063 15.5	1.3386 34	0.5512 14	1.7480 44.4	0.6890 17.5	UC 207 207-20 207-21 207-22 207-23	F 207	2.39
UCF 208 208-24 208-25	1-1/2 1-9/16	40	5.1181 130	4.0157 102	0.8268 21	0.6063 15.5	1.4173 36	0.6299 16	2.0157 51.2	0.7480 19.0	UC 208 208-24 208-25	F 208	2.79
UCF 209 209-26 209-27 209-28	1-5/8 1-11/16 1-3/4	45	5.3937 137	4.1338 105	0.8661 22	0.6890 17.5	1.4961 38	0.6299 16	2.0551 52.2	0.7480 19.0	UC 209 209-26 209-27 209-28	F 209	3.18
UCF 210 210-29 210-30 210-31 210-32	1-13/16 1-7/8 1-15/16 2	50	5.6299 143	4.3701 111	0.8661 22	0.6890 17.5	1.5748 40	0.6299 16	2.1496 54.6	0.7480 19.0	UC 210 210-29 210-30 210-31 210-32	F 210	3.68
UCF 211 211-32 211-33 211-34 211-35	2 2-1/16 2-1/8 2-3/16	55	6.3780 162	5.1181 130	0.9842 25	0.7677 19.5	1.6929 43	0.7480 19	2.2992 58.4	0.874 22.2	UC 211 211-32 211-33 211-34 211-35	F 211	3.40
UCF 212 212-36 212-37 212-38 212-39	2-1/4 2-5/16 2-3/8 2-7/16	60	6.8898 175	5.6299 143	1.1417 29	0.7677 19.5	1.8898 48	0.7480 19	2.7047 68.7	1.0000 25.4	UC 212 212-36 212-37 212-38 212-39	F 212	4.17
UCF 213 213-40 213-41	2-1/2 2-9/16	65	7.3622 187	35.8661 149	1.1811 30	0.9055 23	1.9685 50	0.7480 19	2.7441 69.7	1.0000 25.4	UC 213 213-40 213-41	F 213	5.32
UCF 214 214-42 214-43 214-44	2-5/8 2-11/16 2-3/4	70	7.5984 193	5.9842 152	1.2205 31	0.9055 23	2.1260 54	0.7480 19	12.9685 75.4	1.1890 30.2	UC 214 214-42 214-43 214-44	F 214	5.92
UCF 215 215-45 215-46 215-47 215-48	2-13/16 2-7/8 2-15/16 3	75	7.8740 200	16.2598 159	1.3386 34	0.9055 23	2.2047 56	0.7480 19	3.0906 78.5	1.3110 33.3	UC 215 215-45 215-46 215-47 215-48	F 215	6.65
UCF 216 216-50	3-1/8	80	8.1890 208	6.4961 165	1.3386 34	0.9449 24	2.2835 58	0.9055 23	3.2795 83.3	1.3110 33.3	UC 216 216-50	F 216	7.89
UCF 217 217-52	3-1/4	85	8.6614 220	6.8898 175	1.4173 36	0.9842 25	2.4803 63	0.9055 23	3.4488 87.6	1.3425 34.1	UC 217 217-52	F 217	9.18
UCF 218 218-56	3-1/2	90	9.2520 235	7.322 187	1.5748 40	1.0236 26	2.6772 68	0.9055 23	3.7913 96.3	1.5630 39.7	UC 218 218-56	F 218	11.20

CATÁLOGO ROLAMENTOS

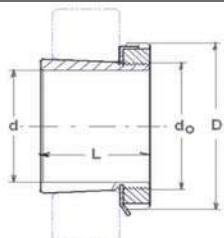


Unidade de Rolamento Nº	Diâmetro do Furo		Dimensões (Polegadas) ou (mm)										Rolamento Nº	Alojamento Nº	Peso (kg)
	Poleg.	mm	h	a	e	b	S ₁	S ₂	g	W	S	B			
UCP 201 201-8 202 202-10 203 203-11	1/2 5/8 11/16	12 15 17	1.1890 30.2	5.0000 127	3.7795 96	1.4173 36	0.5118 13	0.7480 19	0.5118 13	2.3622 60	0.5000 12.7	1.2205 31	UCP 201 201-8 202 202-10 203 203-11	P 203	0.75
UCP 204 204-12	3/4	20	1.3110 33.3	5.0000 127	3.7402 95	1.4961 38	0.5118 13	0.7480 19	0.5512 14	2.5590 65	0.5000 12.7	1.2205 31	UCP 204 204-12	P 204	0.73
UCP 205 205-14 202-15 202-16	7/8 15/16 1	25	1.4370 36.5	5.5118 140	4.1338 105	1.49612 38	0.5118 13	0.7480 19	0.5906 15	2.7953 71	0.5630 14.3	1.3425 34.1	UCP 205 205-14 202-15 202-16	P 205	0.91
UCP 206 206-17 206-18 206-19 206-20	1-1/16 1-1/8 1-3/16 1-1/4	30	1.6890 42.9	6.4961 165	4.7638 121	1.8898 48	0.6693 17	0.8268 21	0.6693 17	3.2677 83	0.6260 15.9	1.5000 38.1	UCP 206 206-17 206-18 206-19 206-20	P 206	1.32
UCP 207 207-20 207-21 207-22 207-23	1-1/4 1-5/16 1-3/8 1-7/16	35	1.8740 47.6	6.5748 167	5.0000 127	1.8898 48	0.6693 17	0.8268 21	0.7087 18	3.6614 93	0.6890 17.5	1.6890 42.9	UCP 207 207-20 207-21 207-22 207-23	P 207	1.72
UCP 208 208-24 208-25	1-1/2 1-9/16	40	1.9370 49.2	7.2441 184	5.3939 137	2.1260 54	0.6693 17	0.8268 21	0.7078 18	3.8583 98	0.7480 19.0	1.9370 49.2	UCP 208 208-24 208-25	P 208	2.14
UCP 209 209-26 209-27 209-28	1-5/8 1-11/16 1-3/4	45	2.1260 54.0	7.4803 190	5.7480 146	2.1260 54	0.6693 17	0.8268 21	0.7874 20	4.1732 106	0.7480 19.0	1.9370 49.2	UCP 209 209-26 209-27 209-28	P 209	2.45
UCP 210 210-29 210-30 210-31 210-32	1-13/16 1-7/8 1-15/16 2	50	2.2520 57.2	8.1102 206	6.2598 159	2.3622 60	0.7874 20	0.9842 25	0.8268 21	4.4882 114	0.7480 19.0	2.0315 51.6	UCP 210 210-29 210-30 210-31 210-32	P 210	3.10
UCP 211 211-32 211-33 211-34 211-35	2 2-1/16 2-1/8 2-3/16	55	2.5000 63.5	8.6220 219	6.7323 171	2.3622 60	0.7874 20	0.9842 25	0.9055 23	4.9606 126	0.8740 22.2	2.1890 55.6	UCP 211 211-32 211-33 211-34 211-35	P 211	3.85
UCP 212 212-36 212-37 212-38 212-39	2-1/4 2-5/16 2-3/8 2-7/16	60	2.7480 69.8	9.4882 241	7.2441 184	2.7559 70	0.7874 20	0.9842 25	0.9842 25	5.4331 138	1.0000 25.4	2.5630 65.1	UCP 212 212-36 212-37 212-38 212-39	P 212	5.10
UCP 213 213-40 213-41	2-1/2 2-9/16	65	3.0000 76.2	10.394 264	7.9921 203	2.7559 70	0.9842 25	1.1811 30	1.0630 27	5.9449 151	1.0000 25.4	2.5630 65.1	UCP 213 213-40 213-41	P 213	6.26
UCP 214 214-42 214-43 214-44	2-5/8 2-11/16 2-3/4	70	3.1260 79.4	10.472 266	8.2677 210	2.8346 72	0.9842 25	1.1811 30	1.0630 27	6.1811 157	1.1890 30.2	2.9370 74.6	UCP 214 214-42 214-43 214-44	P 214	6.90
UCP 215 215-45 215-46 215-47 215-48	2-13/16 2-7/8 2-15/16 3	75	3.2520 82.6	10.827 275	8.5433 217	2.9134 74	0.9842 25	1.1811 30	1.1024 28	6.4173 163	1.3110 33.3	3.0630 77.8	UCP 215 215-45 215-46 215-47 215-48	P 215	7.62
UCP 216 216-50	3-1/8	80	3.5000 88.9	11.496 292	9.1338 232	3.0709 78	0.9842 25	1.1811 30	1.1811 30	6.8898 175	1.3110 33.3	3.2520 82.6	UCP 216 216-50	P 216	9.03
UCP 217 217-52	3-1/4	85	3.7480 95.2	12.205 310	9.7244 247	3.2677 83	0.9842 25	1.1811 30	1.2598 32	7.3622 187	1.3425 34.1	3.3740 85.7	UCP 217 217-52	P 217	11.28
UCP 218 218-56	3-1/2	90	4.0000 101.6	12.874 327	10.315 262	3.4646 88	1.0630 27	1.4173 36	1.2992 33	7.8740 200	1.5630 39.7	3.7795 96	UCP 218 218-56	P 218	13.45

BUCHAS PARA ROLAMENTOS



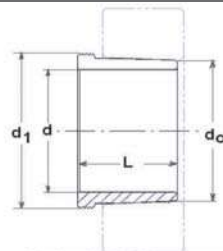
CATÁLOGO ROLAMENTOS



Bucha de Fixação



Bucha de Montagem



Bucha de Desmontagem



Bucha de Desmontagem

Medidas						Especificação					
d	d	d _o	D	L	d ₁	Buchas	Rôscas	Peso	Porca	Arruela	Tipo
mm		mm				Número		Kg	Número		
20	20 mm	25	38	26		H205	M25x1.5	0.070	KM5	MB5	Fixação
20	20 mm	25	38	29		H305	M25x1.5	0.075	KM5	MB5	Fixação
20	20 mm	25	38	35		H2305	M25x1.5	0.087	KM5	MB5	Fixação
23,8125	15/16 pol	30	45	31		HA306	M30x1.5	0.110	KM6	MB6	Fixação
23,8125	15/16 pol	30	45	38		HA2306	M30x1.5	0.130	KM6	MB6	Fixação
25	25 mm	30	45	27		H206	M30x1.5	0.099	KM6	MB6	Fixação
25	25 mm	30	45	31		H306	M30x1.5	0.109	KM6	MB6	Fixação
25	25 mm	30	45	38		H2306	M30x1.5	0.126	KM6	MB6	Fixação
25,4	1 pol	30	45	31		HE306	M30x1.5	0.110	KM6	MB6	Fixação
25,4	1 pol	30	45	38		HE2306	M30x1.5	0.130	KM6	MB6	Fixação
30	30 mm	35	52	29		H207	M35x1.5	0.125	KM7	MB7	Fixação
30	30 mm	35	52	35		H307	M35x1.5	0.142	KM7	MB7	Fixação
30	30 mm	35	52	43		H2307	M35x1.5	0.165	KM7	MB7	Fixação
30,1625	1 3/16 pol	35	52	35		HA307	M35x1.5	0.140	KM7	MB7	Fixação
30,1625	1 3/16 pol	35	52	43		HA2307	M35x1.5	0.170	KM7	MB7	Fixação
30,1625	1 3/16 pol	65	85	50		HA313	M65x2	0.460	KM13	MB13	Fixação
30,1625	1 3/16 pol	65	85	65		HA2313	M65x2	0.560	KM13	MB13	Fixação
31,75	1 1/4 pol	35	52	35		HE307	M35x1.5	0.140	KM7	MB7	Fixação
35	35 mm	40	58	31		H208	M40x1.5	0.174	KM8	MB8	Fixação
35	35 mm	40	58	36		H308	M40x1.5	0.189	KM8	MB8	Fixação
35	35 mm	40	58	46		H2308	M40x1.5	0.224	KM8	MB8	Fixação
35	35 mm	40		30	M45x1.5	AH308		0.093	KM9		Desmont
35	35 mm	40		40	M45x1.5	AH2308		0.129	KM9		Desmont
36,5125	1 7/16 pol	45	65	39		HA309	M45x1.5	0.250	KM9	MB9	Fixação
36,5125	1 7/16 pol	45	65	50		HA2309	M45x1.5	0.280	KM9	MB9	Fixação
38,1	1 1/2 pol	45	65	39		HE309	M45x1.5	0.250	KM9	MB9	Fixação
38,1	1 1/2 pol	45	65	50		HE2309	M45x1.5	0.280	KM9	MB9	Fixação
40	40 mm	45	65	33		H209	M45x1.5	0.227	KM9	MB9	Fixação
40	40 mm	45	65	39		H309	M45x1.5	0.248	KM9	MB9	Fixação
40	40 mm	45	65	50		H2309	M45x1.5	0.280	KM9	MB9	Fixação
40	40 mm	45		32	M50x1.5	AH309		0.112	KM10		Desmont
40	40 mm	45		44	M50x1.5	AH2309		0.163	KM10		Desmont
42,8625	1 11/16 pol	50	70	42		HA310	M50x1.5	0.300	KM10	MB10	Fixação
42,8625	1 11/16 pol	50	70	55		HA2310	M50x1.5	0.360	KM10	MB10	Fixação
44,45	1 3/4 pol	50	70	42		HE310	M50x1.5	0.300	KM10	MB10	Fixação
45	45 mm	50	70	35		H210	M50x1.5	0.274	KM10	MB10	Fixação
45	45 mm	50	70	42		H310	M50x1.5	0.303	KM10	MB10	Fixação
45	45 mm	50	70	55		H2310	M50x1.5	0.362	KM10	MB10	Fixação
45	45 mm	50		35	M55x2	AH310X		0.138	KM11		Desmont
45	45 mm	50		50	M55x2	AH2310X		0.236	KM11		Desmont
49,2125	1 15/16 pol	55	75	45		HA311	M55x2	0.350	KM11	MB11	Fixação
49,2125	1 15/16 pol	55	75	59		HA2311	M55x2	0.420	KM11	MB11	Fixação
50	50 mm	55	75	37		H211	M55x2	0.308	KM11	MB11	Fixação
50	50 mm	55	75	45		H311	M55x2	0.345	KM11	MB11	Fixação
50	50 mm	55	75	59		H2311	M55x2	0.420	KM11	MB11	Fixação
50	50 mm	55		40	M60x2	AH312X		0.194	KM13		Desmont
50	50 mm	55		54	M60x2	AH2311X		0.257	KM12		Desmont
55	55 mm	60	80	38		H212	M60x2	0.346	KM12	MB12	Fixação
55	55 mm	60	80	47		H312	M60x2	0.394	KM12	MB12	Fixação
55	55 mm	60	80	62		H2312	M60x2	0.481	KM12	MB12	Fixação
55	55 mm	60		40	M65x2	AH312X		0.194	KM13		Desmont
55	55 mm	60		57	M65x2	AH2312X		0.299	KM13		Desmont
57,15	2 1/4 pol	65	85	50		HE313	M65x2	0.460	KM13	MB13	Fixação
60	60 mm	65	85	40		H213	M65x2	0.401	KM13	MB13	Fixação
60	60 mm	65	85	50		H313	M65x2	0.458	KM13	MB13	Fixação
60	60 mm	65	85	65		H2313	M65x2	0.557	KM13	MB13	Fixação
60	60 mm	65		42	M72x2	AH313		0.256	KM15		Desmont
60	60 mm	65		61	M75x2	AH2313		0.399	KM15		Desmont
61,9125	2 7/16 pol	75	98	55		HA315	M75x2	0.830	KM15	MB15	Fixação
61,9125	2 7/16 pol	75	98	73		HA2315	M75x2	1.050	KM15	MB15	Fixação
63,5	2 1/2 pol	75	98	55		HE315	M75x2	0.830	KM15	MB15	Fixação
63,5	2 1/2 pol	75	98	73		HE2315	M75x2	1.050	KM15	MB15	Fixação
65	65 mm	75	98	43		H215	M75x2	0.707	KM15	MB15	Fixação
65	65 mm	75	98	55		H315	M75x2	0.831	KM15	MB15	Fixação
65	65 mm	75	98	73		H2315	M75x2	1.050	KM15	MB15	Fixação
65	65 mm	70		44	M80x2	AH314		0.290	KM16		Desmont
65	65 mm	70		65	M80x2	AH2314X		0.466	KM16		Desmont
68,2625	2 11/16 pol	80	105	59		HA316	M80x2	1.030	KM16	MB16	Fixação
68,2625	2 11/16 pol	80	105	78		HA2316	M80x2	1.280	KM16	MB16	Fixação
69,85	2 3/4 pol	80	105	59		HE316	M80x2	1.030	KM16	MB16	Fixação
70	70 mm	80	105	45		H216	M80x2	0.882	KM16	MB16	Fixação
70	70 mm	80	105	59		H316	M80x2	1.030	KM16	MB16	Fixação
70	70 mm	80	105	78		H2316	M80x2	1.280	KM16	MB16	Fixação
70	70 mm	75		46	M85x2	AH315		0.326	KM17		Desmont
70	70 mm	75		69	M85x2	AH2315X		0.536	KM17		Desmont

CATÁLOGO ROLAMENTOS

Medidas					Especificação						
d	d	d _o	D	L	d _i	Buchas	Rôscas	Peso	Porca	Arruela	Tipo
mm			mm			Número		Kg	Número		
74,6125	2 15/16 pol	85	110	63		HA317	M85x2	1.180	KM17	MB17	Fixação
74,6125	2 15/16 pol	85	110	82		HA2317	M85x2	1.450	KM17	MB17	Fixação
75	75 mm	85	110	50		H217	M85x2	1.020	KM17	MB17	Fixação
75	75 mm	85	110	63		H317	M85x2	1.180	KM17	MB17	Fixação
75	75 mm	85	110	82		H2317	M85x2	1.450	KM17	MB17	Fixação
75	75 mm	80		48	M90x2	AH316		0.367	KM18		Desmont
75	75 mm	80		72	M90x2	AH2316X		0.602	KM18		Desmont
76,2	3 pol	85	110	63		HE317	M85x2	1.180	KM17	MB17	Fixação
76,2	3 pol	85	110	82		HE2317	M85x2	1.450	KM17	MB17	Fixação
80	80 mm	90	120	52		H218	M90x2	1.19	KM18	MB18	Fixação
80	80 mm	90	120	65		H318	M90x2	1.37	KM18	MB18	Fixação
80	80 mm	90	120	86		H2318	M90x2	1.69	KM18	MB18	Fixação
80	80 mm	85		52	M95x2	AH317X		0.431	KM19		Desmont
80	80 mm	85		75	M95x2	AH2317X		0.676	KM19		Desmont
80,9625	3 3/16 pol	90	120	65		HA318	M90x2	1.37	KM18	MB18	Fixação
80,9625	3 3/16 pol	90	120	86		HA2318	M90x2	1.69	KM18	MB18	Fixação
82,55	3 1/4 pol	90	120	65		HE318	M90x2	1.37	KM18	MB18	Fixação
85	85 mm	95	125	55		H219	M95x2	1.37	KM19	MB19	Fixação
85	85 mm	95	125	68		H319	M95x2	1.56	KM19	MB19	Fixação
85	85 mm	95	125	90		H2319	M95x2	1.92	KM19	MB19	Fixação
85	85 mm	90		53	M100x2	AH318X		0.465	KM20		Desmont
85	85 mm	90		63	M100x2	AH2318X		0.578	KM20		Desmont
85	85 mm	90		80	M100x2	AH2318X		0.777	KM20		Desmont
87,3125	3 7/16 pol	100	130	71		HA320	M100x2	1.69	KM20	MB20	Fixação
87,3125	3 7/16 pol	100	130	97		HA2320	M100x2	2.15	KM20	MB20	Fixação
88,9	3 1/2 pol	100	130	71		HE320	M100x2	1.69	KM20	MB20	Fixação
88,9	3 1/2 pol	100	130	97		HE2320	M100x2	2.15	KM20	MB20	Fixação
90	90 mm	100	130	58		H220	M100x2	1.49	KM20	MB20	Fixação
90	90 mm	100	130	71		H320	M100x2	1.69	KM20	MB20	Fixação
90	90 mm	100	130	97		H2320	M100x2	2.15	KM20	MB20	Fixação
90	90 mm	95		57	M105x2	AH319X		0.537	KM21		Desmont
90	90 mm	95		85	M105x2	AH2319X		0.888	KM21		Desmont
95	95 mm	100		59	M110x2	AH302X		0.586	KM22		Desmont
95	95 mm	100		75	M110x2	AH3220X		0.768	KM22		Desmont
95	95 mm	100		90	M110x2	AH2320X		1.000	KM22		Desmont
100	100 mm	110	145	63		H222	M110x2	1.93	KM22	MB22	Fixação
100	100 mm	110	145	77		H322	M110x2	2.18	KM22	MB22	Fixação
100	100 mm	110	145	81		H3122	M110x2	2.25	KM22	MB22	Fixação
100	100 mm	110	145	105		H2322	M110x2	2.74	KM22	MB22	Fixação
100	100 mm	110		68	M125x2	AH3122		1.280	KM25		Desmont
100,0125	3 15/16 pol	110	145	77		HA322	M110x2	2.18	KM22	MB22	Fixação
100,0125	3 15/16 pol	110	145	81		HA3122	M110x2	2.25	KM22	MB22	Fixação
100,0125	3 15/16 pol	110	145	105		HA2322	M110x2	2.74	KM22	MB22	Fixação
101,6	4 pol	110	145	77		HE322	M110x2	2.18	KM22	MB22	Fixação
101,6	4 pol	110	145	105		HE2322	M110x2	2.74	KM22	MB22	Fixação
105	105 mm	110		68	M120x2	AH3122X		0.786	KM24		Desmont
105	105 mm	110		82	M125x2	AH3222X		1.060	KM25		Desmont
105	105 mm	110		98	M125x2	AH2322X		1.350	KM25		Desmont
106,3625	4 3/16 pol	120	155	88		HA3124	M120x2	2.64	KM24	MB24	Fixação
106,3625	4 3/16 pol	120	155	112		HA2324	M120x2	3.19	KM24	MB24	Fixação
110	110 mm	120	145	72		H3024	M120x2	1.93	KM24	MB24	Fixação
110	110 mm	120	155	88		H3124	M120x2	2.64	KM24	MB24	Fixação
110	110 mm	120	155	112		H2324	M120x2	3.19	KM24	MB24	Fixação
110	110 mm	120		75	M140x2	AH3124		1.670	KM28		Desmont
110	110 mm	120		105	M140x2	AH2324		2.470	KM28		Desmont
112,7125	4 7/16 pol	130	155	80		HA3026	M130x2	2.85	KML26	MB26	Fixação
112,7125	4 7/16 pol	130	165	92		HA3126	M130x2	3.66	KM26	MB26	Fixação
112,7125	4 7/16 pol	130	165	121		HA2326	M130x2	4.60	KM26	MB26	Fixação
115	115 mm	130	155	80		H3026	M130x2	2.85	KM26	MB26	Fixação
115	115 mm	130	165	92		H3126	M130x2	3.66	KM26	MB26	Fixação
115	115 mm	130	165	121		H2326	M130x2	4.60	KM26	MB26	Fixação
115	115 mm	120		60	M130x2	AH3024X		0.737	KM26		Desmont
115	115 mm	120		75	M130x2	AH3124X		0.948	KM26		Desmont
115	115 mm	120		90	M135x2	AH3224X		1.310	KM27		Desmont
115	115 mm	120		105	M135x2	AH2324X		1.610	KM27		Desmont
125	125 mm	140	165	82		H3028	M140x2	3.16	KML28	MB28	Fixação
125	125 mm	140	180	97		H3128	M140x2	4.34	KM28	MB28	Fixação
125	125 mm	140	180	131		H2328	M140x2	5.55	KM28	MB28	Fixação
125	125 mm	130		67	M140x2	AH3026X		0.907	KM28		Desmont
125	125 mm	130		78	M140x2	AH3126X		1.080	KM28		Desmont
125	125 mm	130		98	M145x2	AH3236X		1.580	KM29		Desmont
125	125 mm	130		115	M145x2	AH2326X		1.970	KM29		Desmont
125,4125	4 15/16 pol	140	165	82		HA3028	M140x2	3.16	KML28	MB28	Fixação
125,4125	4 15/16 pol	140	180	97		HA3128	M140x2	4.34	KM28	MB28	Fixação
125,4125	4 15/16 pol	140	180	131		HA2328	M140x2	5.55	KM28	MB28	Fixação
127	5 pol	140	165	82		HE3028	M140x2	3.16	KML28	MB28	Fixação
127	5 pol	140	180	97		HE3128	M140x2	4.34	KM28	MB28	Fixação
127	5 pol	140	180	131		HE2328	M140x2	5.55	KM28	MB28	Fixação
131,7625	5 3/16 pol	150	180	87		HA3030	M150x2	3.89	KML30	MB30	Fixação
131,7625	5 3/16 pol	150	195	139		HA2330	M150x2	6.63	KM30	MB30	Fixação
135	135 mm	150	180	87		H3030	M150x2	3.89	KML30	MB30	Fixação
135	135 mm	150	195	111		H3130	M150x2	5.52	KM30	MB30	Fixação
135	135 mm	150	195	139		H2330	M150x2	6.63	KM30	MB30	Fixação
135	135 mm	140		68	M150x2	AH3028X		0.996	KM30		Desmont
135	135 mm	140		83	M150x2	AH3128X		1.260	KM30		Desmont
135	135 mm	140		104	M155x3	AH3228X		1.810	KM31		Desmont
135	135 mm	140		125	M155x3	AH2328X		2.340	KM31		Desmont

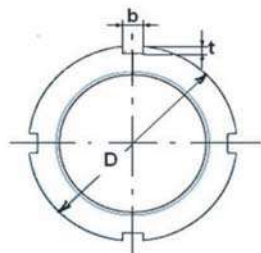
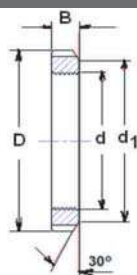
CATÁLOGO ROLAMENTOS

Medidas						Especificação					
d	d	d _o	D	L	d _i	Buchas	Rôscas	Peso	Porca	Arruela	Tipo
mm		mm				Número		Kg	Número		
138,1125	5 7/16 pol	160	190	93		HA3032	M160x3	5.21	KML32	MB32	Fixação
138,1125	5 7/16 pol	160	210	147		HA2332	M160x3	9.14	KM32	MB32	Fixação
139,7	5 1/2 pol	160	210	119		HE3132	M160x2	7.67	KM32	MB32	Fixação
140	140 mm	160	190	93		H3032	M160x2	5.21	KML32	MB32	Fixação
140	140 mm	160	210	119		H3132	M160x2	7.67	KM32	MB32	Fixação
140	140 mm	160	210	147		H2332	M160x2	9.14	KM32	MB32	Fixação
145	140 mm	150		72	M160x3	AH3030X		1.120	KM32		Desmont
145	140 mm	150		96	M165x3	AH3130X		1.750	KM33		Desmont
145	140 mm	150		114	M165x3	AH3230X		2.210	KM33		Desmont
145	140 mm	150		135	M165x3	AH2330X		2.790	KM33		Desmont
150	150 mm	170	200	101		H3034	M170x3	5.99	KML34	MB34	Fixação
150	150 mm	170	220	122		H3134	M170x3	8.36	KM34	MB34	Fixação
150	150 mm	170	220	154		H2334	M170x3	10.20	KM34	MB34	Fixação
150	150 mm	160		77	M170x3	AH3032		2.010	KM34		Desmont
150	150 mm	160		103	M180x3	AH3132		3.180	KM36		Desmont
150	150 mm	160		124	M180x3	AH3232		4.020	KM36		Desmont
150	150 mm	160		140	M180x3	AH2332		4.690	KM36		Desmont
150,8125	5 15/16 pol	170	200	101		HA3034	M170x3	5.99	KML34	MB34	Fixação
150,8125	5 15/16 pol	170	220	122		HA3134	M170x3	8.36	KM34	MB34	Fixação
150,8125	5 15/16 pol	170	220	154		HA2334	M170x3	10.20	KM34	MB34	Fixação
152,4	6 pol	170	200	101		HE3034	M170x3	5.99	KML34	MB34	Fixação
152,4	6 pol	170	220	122		HE3134	M170x3	8.36	KM34	MB34	Fixação
160	160 mm	180	210	109		H3036	M180x3	6.83	KML36	MB36	Fixação
160	160 mm	180	230	131		H3136	M180x3	9.50	KM36	MB36	Fixação
160	160 mm	180	230	161		H2336	M180x3	11.30	KM36	MB36	Fixação
160	160 mm	170		85	M180x3	AH3034		2.400	KM36		Desmont
160	160 mm	170		104	M190x3	AH3134		3.410	KM38		Desmont
160	160 mm	170		134	M190x3	AH3234		3.410	KM38		Desmont
160	160 mm	170		146	M190x3	AH2334		5.230	KM38		Desmont
163,5125	6 7/16 pol	180	210	109		HA3036	M180x3	6.83	KML36	MB36	Fixação
163,5125	6 7/16 pol	180	230	131		HA3136	M180x3	9.50	KM36	MB36	Fixação
163,5125	6 7/16 pol	180	230	161		HA2336	M180x3	11.30	KM36	MB36	Fixação
170	170 mm	190	220	112		H3038	M190x3	7.45	KML38	MB38	Fixação
170	170 mm	190	240	141		H3138	M190x3	10.80	KM38	MB38	Fixação
170	170 mm	190	240	169		H2338	M190x3	12.60	KM38	MB38	Fixação
170	170 mm	180		92	M190x3	AH3036		2.800	KM38		Desmont
170	170 mm	180		116	M200x3	AH3136		4.160	KM40		Desmont
170	170 mm	180		105	M200x3	AH2236		3.670	KM40		Desmont
170	170 mm	180		140	M200x3	AH3236		5.290	KM40		Desmont
170	170 mm	180		154	M200x3	AH2336		5.940	KM40		Desmont
176,2125	6 15/16 pol	190	220	112		HA3038	M190x3	7.45	KML38	MB38	Fixação
176,2125	6 15/16 pol	190	240	169		HA2338	M190x3	12.60	KM38	MB38	Fixação
177,8	7 pol	200	250	176		HE2340	M200x3	13.90	KM40	MB40	Fixação
180	180 mm	200	240	120		H3040	M200x3	9.19	KML40	MB40	Fixação
180	180 mm	200	250	150		H3140	M200x3	12.10	KM40	MB40	Fixação
180	180 mm	200	250	176		H2340	M200x3	13.90	KM40	MB40	Fixação
182,5625	7 3/16 pol	200	240	120		HA3040	M200x3	9.19	KML40	MB40	Fixação
201,6125	7 15/16 pol	220	260	126		HA3044	M220x3	10.50	KML44	MB44	Fixação
201,6125	7 15/16 pol	220	280	161		HA3144	M220x3	15.00	KM44	MB44	Fixação
201,6125	7 15/16 pol	220	280	186		HA2344	M220x3	17.00	KM44	MB44	Fixação
2 pol	2 pol	55	75	45		HE311	M55x2	0.350	KM11	MB11	Fixação
2 pol	2 pol	55	75	59		HE2311	M55x2	0.420	KM11	MB11	Fixação

PORCAS E ARRUELAS

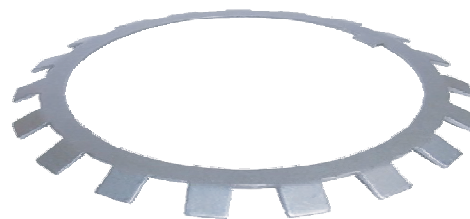
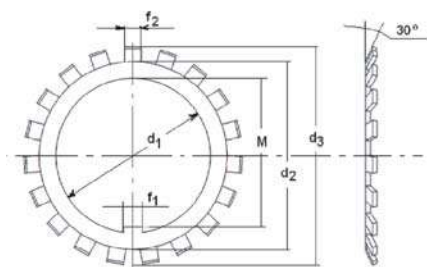


CATÁLOGO ROLAMENTOS



Medidas						Especificação		
d	D	d ₁	B	b	t	Porca	Arruela	Peso
mm						Número	Indicada	Kg
M25x1.5	38	32	7	5	2.000	KM5	MB5	0.025
M30x1.5	45	38	7	5	2.000	KM6	MB6	0.043
M35x1.5	52	44	8	5	2.000	KM7	MB7	0.053
M40x1.5	58	50	9	6	2.500	KM8	MB8	0.085
M45x1.5	65	56	10	6	2.500	KM9	MB9	0.120
M50x1.5	70	61	11	6	2.500	KM10	MB10	0.150
M55x2	75	67	11	7	3.000	KM11	MB11	0.160
M60x2	80	73	11	7	3.000	KM12	MB12	0.170
M65x2	85	79	12	7	3.000	KM13	MB13	0.200
M70x2	92	85	12	8	3.500	KM14	MB14	0.240
M75x2	98	90	13	8	3.500	KM15	MB15	0.290
M80x2	105	95	15	8	3.500	KM16	MB16	0.400
M85x2	110	102	16	8	3.500	KM17	MB17	0.450
M90x2	120	108	16	10	4.000	KM18	MB18	0.560
M95x2	125	113	17	10	4.000	KM19	MB19	0.660
M100x2	130	120	18	10	4.000	KM20	MB20	0.700
M105x2	140	126	18	12	5.000	KM21	MB21	0.840
M110x2	145	133	19	12	5.000	KM22	MB22	0.970
M115x2	150	137	19	12	5.000	KM23	MB23	1.010
M120x2	155	138	20	12	5.000	KM24	MB24	1.080
M125x2	160	148	21	12	5.000	KM25	MB25	1.190
M130x2	165	149	21	12	6.000	KM26	MB26	1.250
M140x2	180	160	22	14	6.000	KM28	MB28	1.600
M150x2	195	171	24	14	6.000	KM30	MB30	2.030
M160x3	210	182	25	16	7.000	KM32	MB32	2.590
M170x3	220	193	26	16	7.000	KM34	MB34	2.800
M180x3	230	203	27	18	8.000	KM36	MB36	3.070
M190x3	240	214	28	18	8.000	KM38	MB38	3.390
M200x3	250	226	29	18	8.000	KM40	MB40	3.690

CATÁLOGO ROLAMENTOS



Medidas							Especificação	
d ₁	d ₂	d ₃	B	f ₁	f ₂	M	Peso	Arruela
mm							Kg	Número
15	21	28	1	4	4	13.5	0.26	MB2
17	24	32	1	4	4	15.5	0.32	MB3
20	26	36	1	4	4	18.5	0.35	MB4
25	32	42	1.25	5	5	23.0	0.64	MB5
30	28	49	1.25	5	5	27.5	0.78	MB6
35	44	57	1.25	6	5	32.5	1.04	MB7
40	50	62	1.25	6	6	37.5	1.23	MB8
45	56	69	1.25	6	6	42.5	1.52	MB9
50	61	74	1.25	6	6	47.5	1.60	MB10
55	67	81	1.5	8	7	52.5	1.96	MB11
60	73	86	1.5	8	7	57.5	2.53	MB12
65	79	92	1.5	8	7	62.2	2.90	MB13
70	85	98	1.5	8	8	66.5	3.34	MB14
75	90	104	1.5	8	8	71.5	3.56	MB15
80	95	112	1.8	10	8	76.5	4.64	MB16
85	102	119	1.8	10	8	81.5	5.24	MB17
90	108	126	1.8	10	10	86.5	6.23	MB18
95	113	133	1.8	10	10	91.5	6.70	MB19
100	120	140	1.8	12	10	96.5	7.65	MB20
105	126	145	1.8	12	12	100.5	8.26	MB21
110	133	154	1.8	12	12	105.5	9.40	MB22
115	137	159	2	12	12	110.5	10.80	MB23
120	138	164	2	14	12	115.0	10.50	MB24
125	148	170	2	14	12	120.0	11.80	MB25
130	149	175	2	14	12	125.0	11.30	MB26
135	160	185	2	14	14	130.0	14.40	MB27
140	160	192	2	16	14	135.0	14.20	MB28
150	171	205	2	16	14	145.0	15.50	MB30
160	182	217	2.5	18	16	154.0	22.20	MB32
170	193	232	2.5	18	16	164.0	24.70	MB34
180	203	242	2.5	20	18	174.0	16.80	MB36
190	214	252	2.5	20	18	184.0	27.80	MB38
200	226	262	2.5	20	18	194.0	29.30	MB40



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