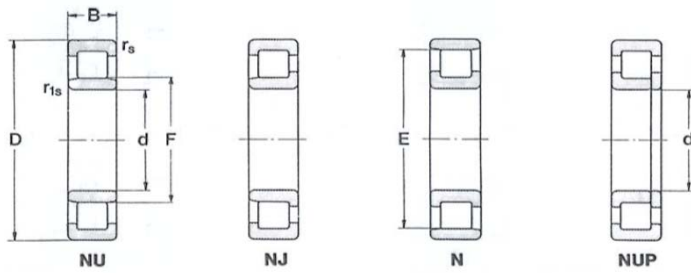


PARA MAIOR DETALHE:
CONSULTAR CATALOGOS DAS MARCAS, CONSTANTES NESTE SEPARADOR.

ROLAMENTOS - USO FREQUENTE



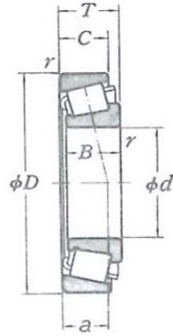
ROLAMENTOS DE ROLOS CILÍNDRICOS



d	D	B	NU	NJ	N	NUP	Ref
100	150	24	NU				1020
	180	34	NU	N	N	NUP	220
	180	46	NU	N			2220
	215	47	NU	N	N	NUP	320
	215	73	NU	N			2320
	250	58	NU	N	N	NUP	420
105	160	26	NU				1021
	190	36	NU	N	N	NUP	221
	225	49	NU	N	N	NUP	321
	260	60	NU	N	N	NUP	421
110	170	28	NU				1022
	200	38	NU	N	N	NUP	222
	200	53	NU	N			2222
	240	50	NU	N	N	NUP	322
	240	80	NU	N			2322
	280	65	NU	N	N	NUP	422
120	180	28	NU				1024
	215	40	NU	N	N	NUP	224
	215	58	NU	N			2224
	260	55	NU	N	N	NUP	324
	260	86	NU	N			2324
	310	72	NU	N	N	NUP	424
130	200	33	NU	N	N	NUP	1026
	230	40	NU	N	N	NUP	226
	230	64	NU	N	N	NUP	2226
	280	58	NU	N	N	NUP	326
	280	93	NU	N			2326
	340	78	NU	N	N	NUP	426
140	210	33	NU	N			1028
	250	42	NU	N	N	NUP	228
	250	68	NU	N	N	NUP	2228
	300	62	NU	N	N	NUP	328
	300	102	NU	N			2328
	360	82	NU	N	N	NUP	428
150	225	35	NU	N	N		1030
	270	45	NU	N	N	NUP	230
	270	73	NU	N	N		2230
	320	65	NU	N	N	NUP	330
	320	108	NU	N	N	NUP	2330
	380	85	NU	N	N	NUP	430
160	240	38	NU				1032
	290	48	NU	N	N	NUP	232
	290	80	NU	N			2232
	340	68	NU	N	N	NUP	332
	340	114	NU	N			2332
170	260	42	NU	N	N		1034
	310	52	NU	N	N	NUP	234
	310	86	NU	N			2234
	360	72	NU	N	N		334
	360	120	NU	N	N	NUP	2334

d	D	B	NU	NJ	N	NUP	Ref
180	280	46	NU	N	N		1036
	320	52	NU	N	N	NUP	236
	320	86	NU	N	N	NUP	2236
	380	75	NU	N	N		336
	380	126	NU	N	N		2336
	190	290	46	NU		N	
340		55	NU	N	N	NUP	238
340		92	NU	N	N		2238
400		78	NU	N	N	NUP	338
400		132	NU	N	N		2338
200	310	51	NU	N	N		1040
	360	58	NU	N	N		240
	360	98	NU	N			2240
	420	80	NU	N	N		340
	420	138	NU	N	N		2340
	220	340	56	NU		N	
400		65	NU	N	N		244
400		108	NU	N	N		2244
460		88	NU	N	N		344
240		360	56	NU		N	
	440	72	NU	N	N	NUP	248
	440	120	NU	N	N		2248
	500	95	NU	N	N		348
260	400	65	NU	N	N		1052
	480	80	NU	N	N		252
	480	130	NU	N	N		2252
	540	102	NU	N	N		352
	280	420	65	NU	N	N	
500		80	NU	N	N		256
300	460	74	NU		N		1060
	540	85	NU	N	N		260
320	480	74	NU		N		1064
	580	92	NU	N	N		264
340	520	82	NU		N		1068
360	540	82	NU		N		1072
380	560	82	NU				1076
400	600	90	NU		N		1080
420	620	90	NU		N		1084
440	650	94	NU				1088
460	680	100	NU	N	N	NUP	1092
480	700	100	NU		N		1096
500	720	100	NU				10/ 500

ROLAMENTOS DE ROLOS CÔNICOS



SÉRIE MÉTRICA

d	D	T	B	C	Ref
15	35	11,75	11	10,0	30202
	42	14,25	13	11,0	30302
17	40	13,25	12	11,0	30203
	40	17,25	16	14,0	32203
	47	15,25	14	12,0	30303
20	42	15,00	15	12,0	32004
	47	15,25	14	12,0	30204
	47	19,25	18	15,0	32204
	52	16,25	15	13,0	30304
	52	22,25	21	18,0	32304
22	44	15,00	15	11,5	320/22
	50	15,25	14	12,0	302/22
	50	19,25	18	15,0	322/22
	56	17,25	16	14,0	303,22
25	47	15,00	15	11,5	32005
	52	16,25	15	13,0	30205
	52	19,25	18	15,0	32205
	62	18,25	17	15,0	30305
	62	18,25	17	13,0	31305
	62	25,25	24	20,0	32305
28	52	16,00	16	12,0	320/28
	58	17,25	16	14,0	302/28
	58	20,25	19	16,0	322/28
	68	19,75	18	15,0	303/28
30	55	17,00	17	13,0	32006
	62	17,25	16	14,0	30206
	62	21,25	20	17,0	32206
	62	25,00	25	19,5	33206
	72	20,75	19	16,0	30306
	72	20,75	19	14,0	31306
	72	28,75	27	23,0	32306
32	58	17,00	17	13,0	320/32
	65	18,25	17	15,0	302/32
	65	22,25	21	18,0	322/32
	75	21,75	20	17,0	303/32
35	62	18,00	18	14,0	32007
	72	18,25	17	15,0	30207
	72	24,25	13	19,0	32207
	80	22,75	21	18,0	30307
	80	22,75	21	15,0	31307
	80	32,75	31	25,0	32307
40	68	19,00	19	14,5	32008
	80	19,75	18	16,0	30208
	80	24,75	23	19,0	32208
	80	32,00	32	25,0	33208
	90	25,25	23	20,0	30308
	90	25,25	23	17,0	31308
	90	35,25	33	27,0	32308
45	75	20,00	20	15,5	32009
	85	20,75	19	16,0	30209
	85	24,75	23	19,0	32209

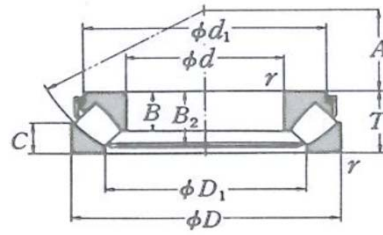
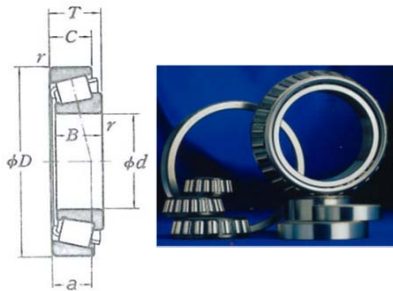
SÉRIE MÉTRICA

d	D	T	B	C	Ref
45	85	32,00	32	25,0	33209
	100	27,25	25	22,0	30309
	100	27,25	25	18,0	31309
	100	38,25	36	30,0	32309
50	80	20,00	20	15,5	32010
	90	21,75	20	17,0	30210
	90	24,75	23	19,0	32210
	90	32,00	32	24,5	33210
	110	29,25	27	23,0	30310
	110	29,25	27	19,0	31310
	110	42,25	40	33,0	32310
55	90	23,00	23	17,5	32011
	100	22,75	21	18,0	30211
	100	26,75	25	21,0	32211
	100	35,00	35	27,0	33211
	120	31,50	29	25,0	30311
	120	31,50	29	21,0	31311
	120	45,50	43	35,0	32311
60	95	23,00	23	17,5	32012
	110	23,75	22	19,0	30212
	110	29,75	28	24,0	32212
	130	33,50	31	26,0	30312
	130	33,50	31	22,0	31312
	130	48,50	46	37,0	32312
65	100	23,00	23	17,5	32013
	120	24,75	23	20,0	30213
	120	32,75	31	27,0	32213
	120	41,00	41	32,0	33213
	140	36,00	33	28,0	30313
	140	33,00	33	23,0	31313
	140	51,00	48	39,0	32313
70	110	25,00	25	19,0	32014
	125	26,25	24	21,0	30214
	125	33,25	31	27,0	32214
	125	41,00	41	32,0	33214
	150	38,00	35	30,0	30314
	150	38,00	35	25,0	31314
	150	54,00	51	42,0	32314
75	115	25,00	25	19,0	32015
	130	27,25	25	22,0	30215
	130	33,25	31	27,0	32215
	130	41,00	41	31,0	33215
	160	40,00	37	31,0	30315
	160	40,00	37	26,0	31315
	160	58,00	55	45,0	32315
80	125	29,00	29	22,0	32016
	140	28,25	26	22,0	30216
	140	35,25	33	28,0	32216
	140	46,00	46	35,0	33216
	170	42,50	39	33,0	30316
	170	42,50	39	27,0	31316

SÉRIE MÉTRICA

d	D	T	B	C	Ref
80	170	61,50	58	48,0	32316
85	130	29,00	29	22,0	32017
	150	30,50	28	24,0	30217
	150	38,50	36	30,0	32217
	150	49,00	49	37,0	33217
	180	44,50	41	34,0	30317
	180	44,50	41	28,0	31317
	180	63,50	60	49,0	32317
90	140	32,00	32	24,0	32018
	160	32,50	30	26,0	30218
	160	42,50	40	34,0	32218
	190	46,50	43	36,0	30318
	190	46,50	43	30,0	31318
	190	67,50	64	53,0	32318
95	145	32,00	32	24,0	32019
	170	34,50	32	27,0	30219
	170	45,50	43	37,0	32219
	200	49,50	45	38,0	30319
	200	49,50	45	32,0	31319
	200	71,50	67	55,0	32319
100	150	32,00	32	24,0	32020
	180	37,00	34	29,0	30220
	180	49,00	46	39,0	32220
	215	51,50	47	39,0	30320
	215	77,50	73	60,0	32320
105	160	35,00	35	26,0	32021
	190	39,00	36	30,0	30221
	190	53,00	50	43,0	32221
	225	53,50	49	41,0	30321
	225	81,50	77	63,0	32321
110	170	38,00	38	29,0	32022
	200	41,00	38	32,0	30222
	200	56,00	53	46,0	32222
	240	54,50	50	42,0	30322
	240	84,50	80	65,0	32322
120	165	29,00	27	23,0	32924
	180	38,00	38	29,0	32024
	215	43,50	40	34,0	30224
	215	61,50	58	50,0	32224
	260	59,50	55	46,0	30324
	260	90,50	86	69,0	32324
130	180	32,00	30	26,0	32926
	200	45,00	45	34,0	32026
	230	43,75	40	34,0	30226
	230	67,75	64	54,0	32226
	280	63,75	58	49,0	30326
	280	98,75	93	78,0	32326
140	190	32,00	30	26,0	32928
	210	45,00	45	34,0	32028
	250	45,75	42	36,0	30228
	250	71,75	68	58,0	32228

ROLOS CÔNICOS - AXIAIS AUTOCOMPENSADORES



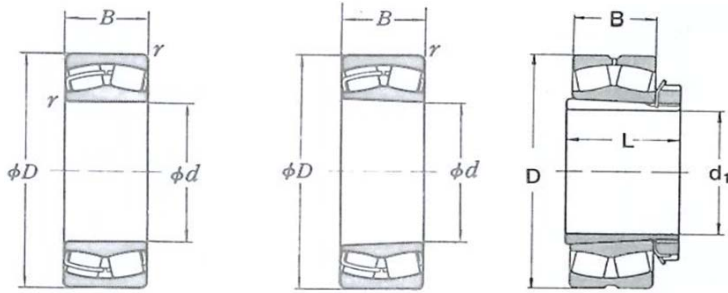
SÉRIE MÉTRICA

d	D	T	B	C	Ref
140	300	68	62	53	30328
	300	108	102	85	32328
150	210	38	36	31	32930
	225	48	48	36	32030
	270	49	45	38	30230
	270	77	73	60	32230
	320	72	65	55	30330
	320	114	108	90	32330
160	220	38	36	31	32932
	240	51	51	38	32032
	290	52	48	40	30232
	290	84	80	67	32232
	340	75	68	58	30332
	340	121	114	95	32332
170	230	38	36	31	32934
	260	57	57	43	32034
	310	57	52	43	30234
	310	91	86	71	32234
	360	80	72	62	30334
	360	127	120	100	32334
180	250	45	42	36	32936
	280	64	64	48	32036
	320	57	52	43	30236
	320	91	86	71	32236
	380	83	75	64	30336
	380	134	126	106	32336
190	260	45	42	36	32938
	290	64	64	48	32038
	290	64	60	52	32038
	340	60	55	46	30238
	340	97	92	75	32238
	400	86	78	65	30338
	400	140	132	109	32338
200	310	70	70	53	32040
	360	64	58	48	30240
	360	104	98	82	32240
	420	89	80	67	30340
	420	146	138	115	32340
220	340	76	72	62	32044
	400	72	65	54	30244
	400	114	108	90	32244
	460	97	88	73	30344
	460	154	145	122	32344
240	360	76	76	57	32048
	440	79	72	60	30248
	440	127	120	100	32248
	500	105	95	80	30348
	500	165	155	132	32348
260	400	87	87	65	32052
	480	89	80	67	30252
	480	137	130	106	32252

d	D	H	Ref
60	130	42	29412
65	140	45	29413
70	150	48	29414
75	160	51	29415
80	170	54	29416
85	150	39	29317
	180	58	29417
90	155	39	29318
	190	60	29418
100	170	42	29320
	210	67	29420
110	190	48	29322
	230	73	29422
120	210	54	29324
	250	78	29424
130	225	58	29326
	270	85	29426
140	240	60	29328
	280	85	29428
150	250	60	29330
	300	90	29430
160	270	67	29332
	320	95	29432
170	280	67	29334
	340	103	29434
180	300	73	29336
	360	109	29436
190	320	78	29338
	380	115	29438
200	280	48	29240
	340	85	29340
	400	122	29440
220	300	48	29244
	360	85	29344
	420	122	29444
240	340	60	29248
	380	85	29348
	440	122	29448
260	360	60	29252
	420	95	29352
	480	132	29452
280	380	60	29256
	440	95	29356
	520	145	29456
300	420	73	29260
	480	109	29360
	540	145	29460
320	440	73	29264
	500	109	29364
	580	155	29464

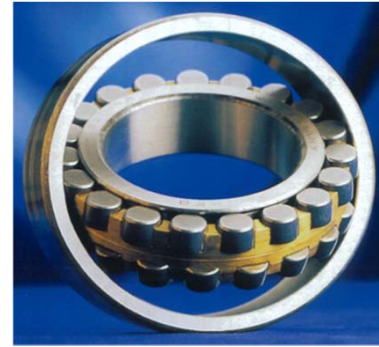
d	D	H	Ref
340	460	73	29268
	540	122	29368
	620	170	29468
360	500	85	29272
	560	122	29372
	640	170	29472
380	520	85	29276
	600	132	29376
	670	175	29476
400	540	85	29280
	620	132	29380
	710	185	29480
420	580	95	29284
	650	140	29384
	730	185	29484
440	600	95	29288
	680	145	29388
	780	206	29488
460	620	95	29292
	710	150	29392
	800	206	29492
480	650	103	29296
	730	150	29396
	850	224	29496
	670	103	292/500
	750	150	293/500
	870	224	294/500

R. AUTOCOMPENSADORES DE ROLOS



FURO CILÍNDRICO

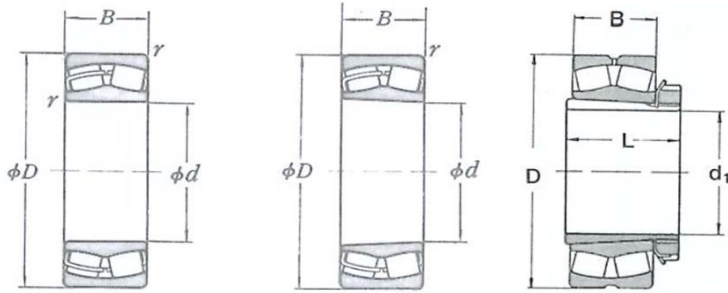
FURO CÓNICO



d	D	B	Cilíndrico	d1	Cónico	Casquilho
25	52	18	22205	20	22205K	H305
	62	17	21305	20	21305K	H305
30	62	20	22206	25	22206K	H306
	72	19	21306	25	21306K	H306
35	72	23	22207	30	22207K	H307
	80	21	21307	30	21307K	H307
40	80	23	22208	35	22208K	H308
	90	23	21308	35	21308K	H308
	90	33	22308	35	22308K	H2308
45	85	23	22209	40	22209K	H309
	100	25	21309	40	21309K	H309
	100	36	22309	40	22309K	H2309
50	90	23	22210	45	22210K	H310
	100	27	21310	45	21310K	H310
	110	40	22310	45	22310K	H2310
55	100	25	22211	50	22211K	H311
	120	29	21311	50	21311K	H311
	120	43	22311	50	22311K	H2311
60	110	28	22212	55	22212K	H312
	130	31	21312	55	21312K	H312
	130	46	22312	55	22312K	H2312
65	120	31	22213	60	22213K	H313
	140	33	21313	60	21313K	H313
	140	48	22313	60	22313K	H2313
70	125	31	22214	60	22214K	H314
	150	35	21314	60	21314K	H314
	150	51	22314	60	22314K	H2314
75	130	31	22215	65	22215K	H315
	160	37	21315	65	21315K	H315
	160	55	22315	65	22315K	H2315
80	140	33	22216	70	22216K	H316
	170	39	21316	70	21316K	H316
	170	58	22316	70	22316K	H2316
85	150	36	22217	75	22217k	H317
	180	41	21317	75	21317K	H317
	180	60	22317	75	22317K	H2317
90	160	40	22218	80	22218K	H318
	160	52,4	23218	80	23218K	H2318
	190	43	21318	80	21318K	H318
	190	64	22318	80	22318K	H2318
95	170	43	22219	85	22219K	H319
	170	55,6	23219	85	23219K	H2319
	200	45	21319	85	21319K	H319
	200	67	22319	85	22319K	H2319
100	165	52	23120	90	23120K	H3120
	165	65	24120		24120K	
	180	46	22220	90	22220K	H320
	180	60,3	23220	90	23220K	H2320
	215	47	21320	90	21320K	H320
	215	73	22320	90	22320K	H2320

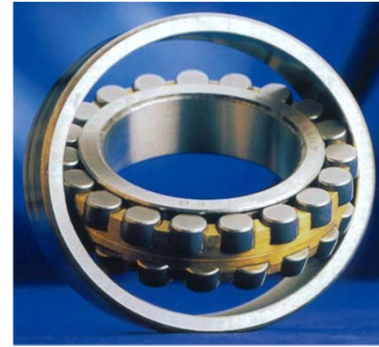
d	D	B	Cilíndrico	d1	Cónico	Casquilho
110	170	45	23022	100	23022K	H322
	180	56	23122	100	23122K	H3122
	180	69	24122		24122K	
	200	53	22222	100	22222K	H322
	200	69,8	23222	100	23222K	H2322
	240	50	21322	100	21322K	H322
	240	80	22322	100	22322K	H2322
120	180	46	23024	110	23024K	H3024
	180	60	24024		24024K	
	200	62	23124	110	23124K	H3124
	200	80	24124		24124K	
	215	58	22224	110	22224K	H3124
	215	76	23224	110	23224K	H2324
	260	86	22324	110	22324K	H2324
130	200	52	23026	115	23026K	H3026
	200	69	24026		24026K	
	210	64	23126	115	23126K	H3126
	210	80	24126		24126K	
	230	64	22226	115	22226K	H3126
	230	80	23226	115	23226K	H2326
	280	93	22326	115	22326K	H2326
140	210	53	23028	125	23028K	H3028
	210	69	24028		24028K	
	225	68	23128	125	23128K	H3128
	225	85	24128		24128K	
	250	68	22228	125	22228K	H3128
	250	88	23228	125	23228K	H2328
	300	102	22328	125	22328K	H2328
150	225	56	23030	135	23030K	H3030
	225	75	24030		24030K	
	250	80	23130	135	23130K	H3130
	250	100	24130		24130K	
	270	73	22230	135	22230K	H3130
	270	96	23230	135	23230K	H2330
	320	108	22330	135	22330K	H2330
160	220	45	23932		23932K	
	240	60	23032	140	23032K	H3032
	240	80	24032		24032K	
	270	86	23132	140	23132K	H3132
	270	109	24132		24132K	
	290	80	22232	140	22232K	H3132
	290	104	23232	140	23232K	H2332
	340	114	22332	140	22332K	H2332
170	230	45	23934		23934K	
	260	67	23034	150	23034K	H3034
	260	90	24034		24034K	
	280	88	23134	150	23134K	H3134
	280	109	24134		24134K	
	310	86	22234	150	22234K	H3134
	310	110	23234	150	23234K	H2334
	360	120	22334	150	22334K	H2334

R. AUTOCOMPENSADORES DE ROLOS



FURO CILÍNDRICO

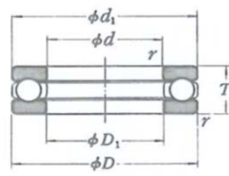
FURO CÓNICO



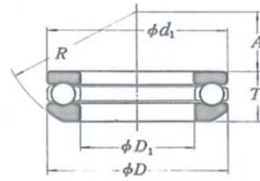
d	D	B	Cilíndrico	d1	Cónico	Casquilho
180	250	52	23936		23936K	
	280	74	23036	160	23036K	H3036
	280	100	24036		24036K	
	300	96	23136	160	23136K	H3136
	300	118	24136		24136K	
	320	86	22236	180	22236K	H3136
	320	112	23236	180	23236K	H2336
	380	126	22336	180	22336K	H2336
	190	260	52	23938		23938K
290		75	23038	170	23038K	H3038
290		100	24038		24038K	
320		104	23138	170	23138K	H3138
320		128	24138		24138K	
340		92	22238	170	22238K	H3138
340		120	23238	170	23238K	H2338
400		132	22338	170	22338K	H2338
200	280	60	23940		23940K	
	310	82	23040	180	23040K	H3040
	310	109	24040		24040K	
	340	112	23140	180	23140K	H3140
	340	140	24140		24140K	
	360	98	22240	180	22240K	H3140
	360	128	23240	180	23240K	H2340
	420	138	22340	180	22340K	H2340
220	300	60	23944		23944K	
	340	90	23044	200	23044K	H3044
	340	118	24044		24044K	
	370	120	23144	200	23144K	H3144
	370	150	24144		24144K	
	400	108	22244	200	22244K	H3144
	400	144	23244	200	23244K	H2344
	460	145	22344	200	22344K	H2344
240	320	60	23948		23948K	
	360	92	23048	220	23048K	H3048
	360	118	24048		24048K	
	400	128	23148	220	23148K	H3148
	400	160	24148		24148K	
	440	120	22248	220	22248K	H3148
	440	160	23248	220	23248K	H2348
	500	155	22348	220	22348K	H2348
260	360	75	23952		23952K	
	400	104	23052	240	23052K	H3052
	400	140	24052		24052K	
	440	144	23152	240	23152K	H3152
	440	180	24152		24152K	
	480	130	22252	240	22252K	H3152
	480	174	23252	240	23252K	H2352
	540	165	22352	240	22352K	H2352

d	D	B	Cilíndrico	d1	Cónico	Casquilho
280	420	106	23056	230	23056K	H3056
	460	146	23156	260	23156K	H3156
	500	130	22256	260	22256K	H3156
	500	176	23256	260	23256K	H2356
	580	175	22356	260	22356K	H2356
	300	460	118	23060	280	23060K
500		160	23160	280	23160K	H3160
540		140	22260	280	22260K	H3160
540		192	23260	280	23260K	H3260
580		121	23064	300	23064K	H3064
320	540	176	23164	300	23164K	H3164
	580	150	22264	300	22264K	H3164
	580	208	23264	300	23264K	H3264
340	520	133	23068	320	23068K	H3068
	580	190	23168	320	23168K	H3168
	620	224	23268	320	23268K	H3268
360	540	134	23072	340	23072K	H3072
	600	192	23172	340	23172K	H3172
	650	232	23272	340	23272K	H3272
380	560	135	23076	360	23076K	H3076
	620	194	23176	360	23176K	H3176
	680	240	23276	360	23276K	H3276
400	600	148	23080	380	23080K	H3080
	650	200	23180	380	23180K	H3180
	720	256	23280	380	23280K	H3280
420	620	150	23084	400	23084K	H3084
	700	224	23184	400	23184K	H3184
	760	272	23284	400	23284K	H3284
440	650	157	23088	410	23088K	H3088
	720	226	23188	410	23188K	H3188
	790	280	23288	410	23288K	H3288
460	680	163	23092	430	23092K	H3092
	760	240	23192	430	23192K	H3192
	830	296	23292	430	23292K	H3292
480	700	165	23096	450	23096K	H3096
	790	248	23196	450	23196K	H3196
	870	310	23296	450	23296K	H3296
500	720	167	230/500	470	230/500K	H30/500
	830	264	231/500	470	231/500K	H31/500
	920	336	232/500	470	232/500K	H32/500

ROLAMENTOS AXIAIS DE ESFERAS



Com assento plano



Com assento esférico

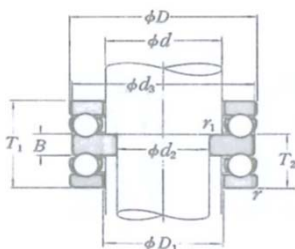


Com contraplaca esférica

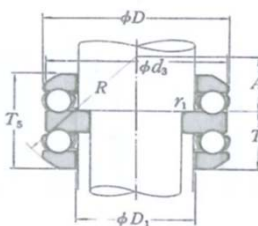
d	D	T	Com assento plano	Com assento esférico	C/ contraplaca esférica
10	24	8	51100		
	26	11	51200	53200	53200 U
12	26	9	51101		
	28	11	51201	53201	53201 U
15	28	9	51102		
	32	12	51202	53202	53202 U
17	30	9	51103		
	35	12	51203	53203	53203 U
20	35	10	51104		
	40	14	51204	53204	53204 U
25	42	11	51105		
	47	15	51205	53205	53205 U
	52	18	51305	53305	53305 U
	60	24	51405	53405	53405 U
30	47	11	51106		
	52	16	51206	53206	53206 U
	60	21	51306	53306	53306 U
	70	28	51406	53406	53406 U
35	52	12	51107		
	62	18	51207	53207	53207 U
	68	24	51307	53307	53307 U
	80	32	51407	53407	53407 U
40	60	13	51108		
	68	19	51208	53208	53208 U
	78	26	51308	53308	53308 U
	90	36	51408	53408	53408 U
45	65	14	51109		
	73	20	51209	53209	53209 U
	85	28	51309	53309	53309 U
	100	39	51409	53409	53409 U
50	70	14	51110		
	78	22	51210	53210	53210 U
	95	31	51310	53310	53310 U
	110	43	51410	53410	53410 U
55	78	16	51111		
	90	25	51211	53211	53211 U
	105	35	51311	53311	53311 U
	120	48	51411	53411	53411 U
60	85	17	51112		
	95	26	51212	53212	53212 U
	110	35	51312	53312	53312 U
	130	51	51412	53412	53412 U
65	90	18	51113		
	100	27	51213	53213	53213 U
	115	36	51313	53313	53313 U
	140	56	51413	53413	53413 U
70	95	18	51114		
	105	27	51214	53214	53214 U
	125	40	51314	53314	53314 U
	150	60	51414	53414	53414 U

d	D	T	Com assento plano	Com assento esférico	C/ contraplaca esférica
75	100	19	51115		
	110	27	51215	53215	53215 U
	135	44	51315	53315	53315 U
	160	65	51415	53415	53415 U
80	105	19	51116		
	115	28	51216	53216	53216 U
	140	44	51316	53316	53316 U
	170	68	51416	53416	53416 U
85	110	19	51117		
	125	31	51217	53217	53217 U
	150	49	51217	53317	53317 U
	180	72	51417	53417	53417 U
90	120	22	51118		
	135	35	51218	53218	53218 U
	155	50	51318	53318	53318 U
	190	77	51418	53418	53418 U
100	135	25	51120		
	150	38	51220	53220	53220 U
	170	55	51320	53320	53320 U
	210	85	51420	53420	53420 U
110	145	25	51122		
	160	38	51222	53222	53222 U
	190	63	51322	53322	53322 U
	230	95	51422	53422	53422 U
120	155	25	51124		
	170	39	51224	53224	53224 U
	210	70	51324	53324	53324 U
	250	102	51424	53424	53424 U
130	170	30	51126		
	190	45	51226	53226	53226 U
	225	75	51326	53326	53326 U
	270	110	51426	53426	53426 U
140	180	31	51128		
	200	46	51228	53228	53228 U
	240	80	51328	53328	53328 U
	280	112	51428	53428	53428 U
150	190	31	51130		
	215	50	51230	53230	53230 U
	250	80	51330	53330	53330 U
	300	120	51430	53430	53430 U
160	200	31	51132		
	225	51	51232	53232	53232 U
	270	87	51332	53332	53332 U
	320	130	51432	53432	53432 U
170	215	34	51134		
	240	55	51234	53234	53234 U
	280	87	51334	53334	53334 U
	340	135	51434	53434	53434 U

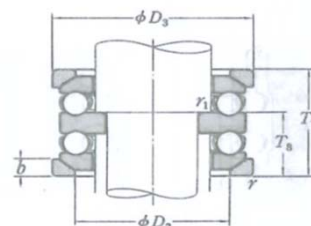
ROL. AXIAIS DE ESFERAS - ESCORA DUPLA



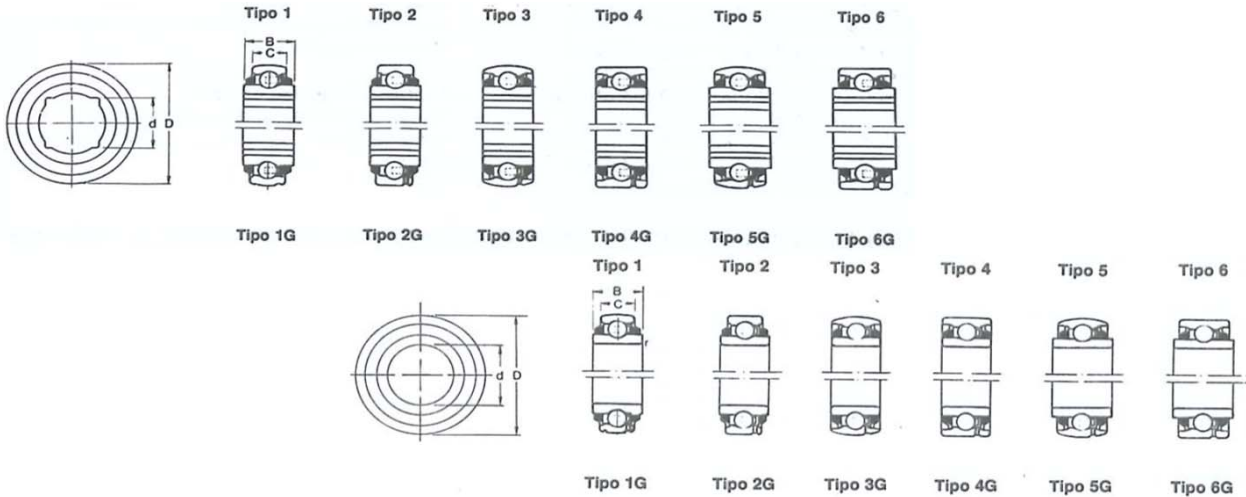
Com assento plano



Com assento esférico



ROLAMENTOS PARA GRADES DE DISCOS



EIXO QUADRADO

Eixo quadrado	d	D	B	C	Ref.	Tipo
7/8"	23,09	80	36,51	48,00	2/DNF240/7	1
	23,09	80	36,51	30,16	PDNF240/7	5
1"	27,05	80	36,51	18,00	2/DNF240/8	1
	27,05	80	36,51	18,00	2/DF240/8	2
	27,05	80	30,16	21,00	DNF140/8	1
	27,05	80	30,16	21,00	DF140/8	2
	27,05	80	36,51	21,00	DNF240/8	1
	27,05	80	36,51	21,00	DF240/8	2
	27,05	80	36,51	24,00	1/PDNF240/8G	5G
	27,05	80	36,51	30,16	PDNF240/8	5
1"1/8	27,05	80	36,51	30,16	PDF240/8	6
	29,44	80	36,51	18,00	2/DNF240/9	1
	29,44	80	36,51	18,00	2/DF240/9	2
	29,44	80	30,16	21,00	DNF140/9	1
	29,44	80	30,16	21,00	DF140/9	2
	29,44	80	36,51	21,00	DF240/9	1
	29,44	80	36,51	24,00	1/PDNF240/9G	5G
	29,44	80	36,51	30,16	PDNF240/9	5
	29,44	80	36,51	30,16	DPNF240/9G	5G
	29,44	80	36,51	30,16	PDF240/9	6
	29,44	85	30,16	22,00	DNF145/9	2
	29,44	85	30,16	30,16	PDNF145/9	3
	29,44	85	36,51	30,16	PDNF245/9	5
	29,44	90	30,16	30,16	PDNF150/9	3
	29,44	90	30,16	30,16	PDNF150/9G	3G
	29,44	90	30,16	30,16	PDF150/9	4
29,44	90	30,16	30,16	PDF150/9G	4G	
29,44	90	36,51	30,16	PDNF250/9	5	
30	30,94	80	36,51	21,00	DNF240/9A	1
	30,94	85	30,16	22,00	DNF145/9A	1
	30,94	85	36,51	22,00	DNF245/9A	1
1"1/4	32,65	85	30,16	22,00	DNF145/10	1
	32,65	85	36,51	22,00	DNF245/10	1
	32,65	85	36,51	22,00	DNF245/10G	1G
	32,65	85	36,51	30,16	PDNF245/10	5
	32,65	85	36,51	30,16	PDNF245/10G	5G
	32,65	85	36,51	30,16	PDF245/10	6
	32,65	100	33,34	25,00	DNF155/10	1
1"1/2	39,12	100	33,34	25,00	DNF155/12	1
	39,12	100	33,34	33,34	PDNF155/12	3
	39,12	100	33,34	33,34	PDNF155/12G	3G
	39,12	100	33,34	33,34	PDF155/12	4
	39,12	100	33,34	33,34	PDF155/12G	4G
40	40,77	100	33,34	25,00	PNF155/12A	1
	40,77	100	33,34	33,34	PDF155/12A	4

EIXO REDONDO

Eixo redondo	d	D	B	C	Ref.	Tipo
1"3/16	30,176	80	30,16	18,00	2/DNF140-1 3/16	1
	30,176	80	30,16	30,16	PDNF140-1 3/16	3
1"1/4	31,763	80	30,16	21,00	DNF140-1 1/4	1
	31,763	80	30,16	21,00	DF140-1 1/4	2
	31,763	80	30,16	30,16	PDNF140-1 1/4	3
1"1/2	38,113	80	42,86	21,00	36/DNF140-1 1/2	1
	38,113	80	42,86	21,00	36/DF140-1 1/2	2
	38,113	80	30,16	30,16	PDNF140-1 1/2	3
	38,113	80	42,86	30,16	36/PDNF140-1 1/2	5
	39,990	85	30,16	30,16	28/PDNF145-1 1/2	3
	39,990	85	30,16	30,16	28/PDNF145-1 1/2G	3G
40	40,000	80	30,16	21,00	DNF140-40G	1G
1"3/4	45,340	90	30,16	30,16	5/PDNF150-1 3/4	3
	45,000	85	30,16	22,00	DNF145-45	1
45	45,000	85	30,16	60,16	PDNF145-45	3
	45,000	85	30,16	30,16	PDNF145-45G	3G
	45,000	85	36,51	22,00	28/DNF245-45G	1G
	49,225	90	30,16	23,00	DNF150-1 15/16	1
	49,225	90	30,16	23,00	DF150-1 15/16	2
	49,225	90	30,16	30,16	PDNF150-1 15/16	3
1"15/16	49,225	90	30,16	30,16	PDNF150-1 15/16G	3G
	49,225	90	30,16	30,16	PDF150-1 15/16	4
	50,000	90	30,16	23,00	DNF150-50	1
	50,000	100	33,34	25,00	DNF155-50	1
2"3/16	50,000	100	33,34	25,00	DNF155-50G	1G
	55,578	100	33,34	25,00	DNF155-2 3/16	1
	55,578	100	33,34	33,34	PDNF155-2 3/16	3
50	55,578	100	33,34	33,34	PDNF155-2 3/16G	3G
	55,578	100	33,34	33,34	PDF155-2 3/16	4
	55,578	100	33,34	33,34	PDF155-2 3/16G	4G