

CATÁLOGO ROD. BOLAS GENÉRICO





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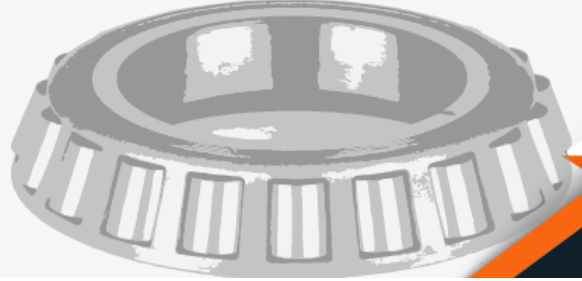
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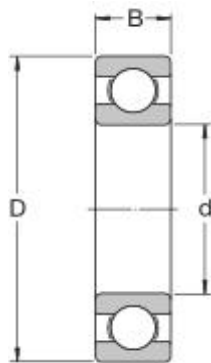


● Rodamientos rígidos de bolas



Rodamientos rígidos de bolas

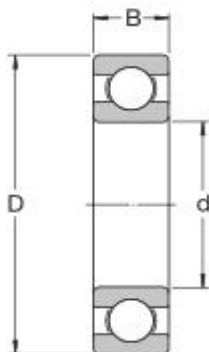
d 10-35mm



Boundary Dimensions				Basic Load Ratings		Limiting Speeds		Rodamientos
d	D	B	r _{min}	Dynamic	Static	Grease	Oil	Open/ZZ/2RS
10	26	8	0.3	4.58	1.97	30000	36000	6000
	30	9	0.6	6.6	3.1	24000	30000	6200
	35	11	0.6	8.06	3.4	20000	26000	6300
12	28	8	0.3	4.98	2.39	26000	32000	6001
	32	10	0.6	6.89	3.1	22000	28000	6201
	37	12	1	9.75	4.15	19000	24000	6301
15	28	7	0.3	4.31	1.94	24000	30000	61902
	32	8	0.3	5.48	2.8	19800	25000	16002
	32	9	0.3	5.48	2.8	22000	28000	6002
	35	11	0.6	7.8	3.75	19000	24000	6202
	42	13	1	11.4	5.4	17000	20000	6302
17	35	8	0.3	5.93	3.18	19000	24000	16003
	35	10	0.3	5.93	3.18	19000	24000	6003
	40	12	0.6	9.56	4.75	17000	20000	6203
	47	14	1	13.5	6.5	15500	18000	6303
20	42	8	0.3	6.91	3.97	17000	20000	16004
	42	12	0.6	9.17	4.9	17000	20000	6004
	47	14	1	12.7	6.5	15000	18000	6204
	52	15	1.1	18.2	10.2	13000	16000	6304
25	42	9	0.3	9.55	4.6	14500	18300	61905
	47	12	0.6	11	6.42	15000	18000	6005
	52	15	1	15.1	8.9	12000	15000	6205
	62	17	1.1	22.5	11.6	11000	14000	6305
	80	21	1.5	37.2	18.8	9000	11000	6405
30	42	7	0.3	4	3.15	14000	19000	61806
	55	13	1	13	8.15	12000	15000	6006
	62	16	1	19.5	11.2	10000	13000	6206
	72	19	1.1	28.1	16	9000	11000	6306
	90	23	1.5	44.6	23	8300	10000	6406
35	47	7	0.3	4.02	3.28	11500	15000	61807
	62	14	1	16.5	10.5	10000	13000	6007
	72	17	1.1	25.5	15.3	9000	11000	6207
	80	21	1.5	33.5	19.3	8500	10000	6307
	100	25	1.5	55.3	31	7000	8500	6407

Rodamientos rígidos de bolas

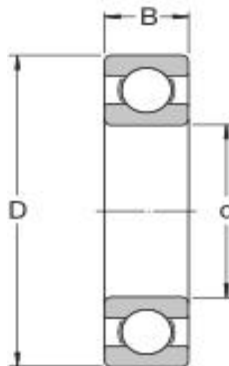
d 40-75mm



Boundary Dimensions				Basic Load	Ratings	Limiting	Speeds	Rodamientos
d	D	B	r_{min}	Dynamic	Static	Grease	Oil	Open/ZZ/2RS
40	68	15	1	21.8	11.6	9200	11600	6008
	80	18	1.1	30.1	18.6	8200	9700	6208
	90	23	1.5	41.2	24.3	7300	8700	6308
	110	27	2	67.8	36.4	6500	7800	6408
45	75	16	1	21	14.9	8300	10500	6009
	85	19	1.1	33.2	21	7500	8700	6209
	100	25	1.5	52.7	30.5	6500	7800	6309
	120	29	2	78.4	46.3	5800	6800	6409
50	80	16	1	22	16.2	8000	9700	6010
	90	20	1.1	35.4	23.3	6800	8200	6210
	90	30.2	1.1	34.4	22.7	6800	8200	63210
	110	27	2	61.8	37.9	6100	7300	6310
	130	31	2.1	92.5	55.2	5100	6100	6410
55	90	18	1.1	31.9	22	6800	8700	6011
	100	21	1.5	43.3	28.1	6100	7300	6211
	120	29	2	71.5	44.6	5400	6500	6311
	140	33	2.1	101	62.4	4800	5800	6411
60	95	18	1.1	30.7	22.7	6400	8100	6012
	110	22	1.5	53.1	33.8	5400	6800	6212
	130	31	2.1	82.5	50.4	4800	5800	6312
	150	35	2.1	109.8	70.3	4600	5400	6412
65	85	10	0.6	11.9	11.5	7100	8500	61813
	120	23	1.5	56.2	41.3	5100	6100	6213
	140	33	2.1	92.8	59.7	4600	5400	6313
	160	37	2.1	119	78	4400	5100	6413
	100	18	1.1	32.1	24.9	6000	7600	6013
	100	11	0.6	20.5	18.6	6000	7600	16013
	100	18	1.1	32.1	24.9	6000	7600	
	100	18	1.1	32.1	24.9	6000	7600	
70	125	24	1.5	60.8	46.5	4800	5800	6214
	150	35	2.1	105	69	4400	5100	6314
	180	42	3	143	103	3700	4400	6414
	110	20	1.1	38.6	30.6	5500	6900	6014
75	115	20	1.1	37.7	33.1	5200	6500	6015
	115	13	0.6	37.7	33.1	5200	6500	16015
	130	25	1.5	66.5	50.5	4600	5400	6215
	160	37	2.1	114	117	4200	4800	6315
	190	45	3	153	114	3500	4200	6415

Rodamientos rígidos de bolas

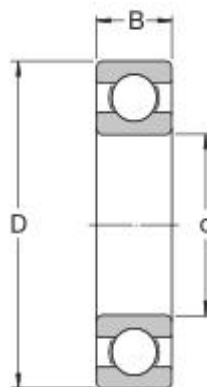
d 80-130mm



Boundary Dimensions				Basic Load	Ratings	Limiting	Speeds	Rodamientos
d	D	B	r _{min}	Dynamic	Static	Grease	Oil	Open/ZZ/2RS
80	125	22	1.1	47.5	39.8	4770	6000	6016
	140	26	2	72.7	55	4400	5100	6216
	170	39	2.1	120	87	3700	4400	6316
	200	48	3	164	126	3300	3900	6416
85	130	22	1.1	50.3	41.2	4800	5600	6017
	150	28	2	83.2	64	4200	4800	6217
	180	41	3	133	96.5	3500	4200	6317
	210	52	4	169	137	3100	3700	6417
90	140	24	1.5	58.5	50	4600	5600	6018
	160	30	2	96	72	3700	4400	6218
	190	43	3	144	109	3300	3900	6318
	225	54	4	194	159	2900	3500	6418
95	145	16	1	43.9	42	4200	5000	16019
	145	24	1.5	78.5	50.1	4200	4800	6019
	170	32	2.1	109	79.1	3500	4200	6219
	200	45	3	152	121	3100	3700	6319
100	150	24	1.5	63.5	55.4	4000	4800	6020
	180	34	2.1	123	94	3200	3800	6220
	215	47	3	137	141	2800	3400	6320
	250	58	4	223	195	2600	3200	6420
105	190	36	2.1	133	104	3000	3600	6221
	180	32	2	102	81.7	3100	3600	61121
	225	49	3	240	153	2700	3200	6321
110	170	28	2	81.9	72.9	3400	4200	6022
	150	20	1.1	60	60	3800	4500	61922
	200	38	2.1	136	112	2800	3400	6222
	240	50	3	208	177	2500	3000	6322
120	165	22	1.1	52.9	53.9	3300	4200	61924
	180	28	2	88.1	79.7	3100	4000	6024
	180	19	1	61	65	3200	4000	16024
	215	40	2.1	157	132	2700	3200	6224
	260	55	3	228	207	2300	2800	6324
130	200	33	2	102	93.9	3000	3600	6026
	230	40	3	166	148	2500	3000	6226
	280	58	4	250	240	2100	2700	6326
	340	78	5	294	285	1400	1800	6426

Rodamientos rígidos de bolas

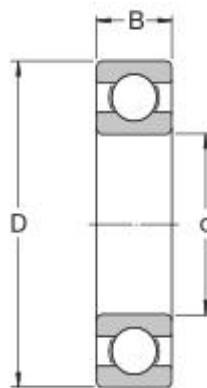
d 140-240mm



Boundary Dimensions				Basic Load	Ratings	Limiting	Speeds	Rodamientos
d	D	B	r _{min}	Dynamic	Static	Grease	Oil	Open/ZZ/2RS
140	175	18	1.1	43.4	49.7	3000	3800	61828
	210	33	2	116	109	2800	3600	6028
	250	42	3	167	151	2300	2800	6228
	300	62	4	254	246	1900	2500	6328
150	190	20	1.1	42.6	49.4	2900	3700	61830
	210	28	2	85	89	2500	3200	61930
	225	35	2.1	132	125	2400	3000	6030
	270	45	3	190	183	1900	2500	6230
	320	65	4	278	280	1800	2300	6330
160	240	25	1.5	102	113	2100	2600	16032
	290	48	3	215	218	1800	2300	6232
	340	68	4	312	325	1700	2100	6332
170	215	22	1.1	65	75.7	2500	3100	61834
	260	42	2.1	161	160	2100	2700	6034
	310	52	4	210	213	1900	2400	6234
	360	72	4	303	330	1700	2000	6334
180	250	33	2	128	137	2100	2600	61936
	259.5	52	2	140	147	2200	2700	63936
	280	46	2.1	196	203	2000	2600	6036
	320	52	4	257	280	1800	2200	6236
	380	75	4	340	393	1600	2000	6336
190	259.5	33	2	117	133	1950	2500	61938
200	250	24	1.5	73.8	98.9	2200	2800	61840
	280	38	2.1	164	161	2000	2600	61940
	310	51	2.1	223	246	1900	2400	6040
	360	58	4	289	336	1700	2000	6240
200	420	80	5	370	460	1500	1800	6340
220	300	38	2.1	176	175	1900	2400	61944
	340	56	3	251	292	1800	2000	6044
	400	65	4	298	365	1500	1800	6244
	460	88	5	407	522	1300	1600	6344
240	320	38	2.1	154	194	1800	2200	61948
	360	56	3	256	316	1700	2000	6048
	440	72	4	362	472	1300	1600	6248

Rodamientos rígidos de bolas

d 260-500mm



Boundary Dimensions				Basic Load	Ratings	Limiting	Speeds	Rodamientos
d	D	B	r _{min}	Dynamic	Static	Grease	Oil	Open/ZZ/2RS
260	360	46	2.1	212	269	1600	1900	61952
	400	44	3	231	301	1500	1800	16052
280	380	46	2.1	216	283	1500	1800	61956
	405	56	2.1	260	346	1450	1750	6656
300	380	38	2.1	167	238	1300	1600	61860
	420	56	3	268	372	1300	1600	61960
	460	74	4	356	500	1200	1500	6060
320	400	38	2.1	169	237	1300	1600	61864
	440	37	2.1	279	396	1300	1600	16964
	440	56	3	280	394	1200	1500	61964
	480	74	4	360	524	1100	1400	6064
340	460	56	3	283	421	1000	1300	61968
	520	82	5	410	621	1000	1300	6068
360	540	82	5	449	713	1000	1300	6072
380	480	46	2.1	280	378	1000	1300	61876
	520	44	3	247	380	950	1100	16976
400	500	46	3.5	235	385	950	1200	61880
	540	65	4	355	585	950	1100	61980
	600	90	6	505	852	900	1100	6080
420	520	46	2.1	245	378	920	1150	61884
440	540	46	3.5	247	427	900	1100	61888
	650	94	6	536	936	850	1000	6088
460	580	56	3	310	561	900	1100	61892
	620	74	5	410	728	850	1000	61992
	680	100	6	605	1080	800	950	6092
480	600	56	3	317	570	850	1000	61896
	700	100	6	611	1120	750	900	6096
500	620	56	3	327	611	800	950	618/500
	670	78	5	457	852	750	900	619/500
	720	100	6	630	1170	750	900	60/500

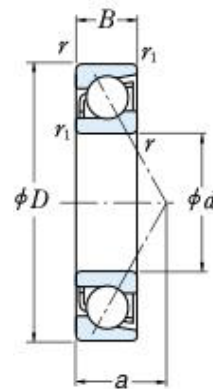


● Rodamientos de bolas de contacto angular



Rodamientos de bolas de onta to ang lar

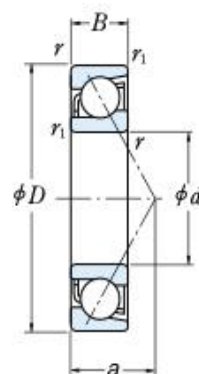
de na ilera d 10-25mm



	Boundary Dimensions				Basic Load	Ratings	Limiting	Speeds	Rodamientos
	D	B	r _{min}	r _{1min}	Dynamic	Static	Grease	Oil	
d	26	8	0.3	0.15	4.92	2.21	19000	28000	7000C
	26	8	0.3	0.15	4.75	2.14	19000	28000	7000AC
10	30	9	0.6	0.15	5.81	2.93	18000	26000	7200C
	30	9	0.6	0.15	5.59	2.85	18000	26000	7200AC
12	28	8	0.3	0.15	5.41	2.6	18000	26000	7001C
	28	8	0.3	0.15	5.21	2.53	18000	26000	7001AC
	28	8	0.3	0.2	5.41	2.6	18000	26000	B7001C
	32	10	0.6	0.15	7.33	3.43	17000	24000	7201C
	32	10	0.6	0.15	7.09	3.33	17000	24000	7201AC
15	32	9	0.3	0.15	6.24	3.39	17000	24000	7002C
	32	9	0.3	0.15	5.97	3.24	17000	24000	7002AC
	32	9	0.3	0.2	6.24	3.39	16000	22000	B7002C
	35	11	0.6	0.15	8.68	4.57	16000	22000	7202C
	35	11	0.6	0.15	8.35	4.39	16000	22000	7202AC
17	35	10	0.3	0.15	6.61	3.81	16000	22000	7003C
	35	10	0.3	0.15	6.3	3.65	16000	22000	7003AC
	35	10	0.3	0.2	6.61	3.81	16000	22000	B7003C
	40	12	0.6	0.3	10.8	6.13	15000	20000	7203C
	40	12	0.6	0.3	10.5	5.65	15000	20000	7203AC
	40	12	0.6	0.3	10.8	6.13	15000	20000	B7203C
20	42	12	0.6	0.15	10.5	6.02	14000	19000	7004C
	42	12	0.6	0.15	10	5.74	14000	19000	7004AC
	42	12	0.6	0.2	10.5	6.02	14000	19000	B7004C
	47	14	1	0.3	15.5	8.91	13000	18000	7204C
	47	14	1	0.3	15	8.54	13000	18000	7204AC
	47	14	1	0.3	14.1	7.81	13000	18000	7204B
	52	15	1.1	0.6	16.2	8.71	12000	17000	7304B
	47	12	0.6	0.15	12.9	8.58	12000	17000	7005C
25	47	12	0.6	0.15	11.1	7.08	12000	17000	7005AC
	47	12	0.6	0.2	12.9	8.58	12000	17000	B7005C
	52	15	1	0.3	16.6	9.18	11000	16000	7205C
	52	15	1	0.3	15.9	9.81	11000	16000	7205AC
	52	15	1	0.3	15.8	9.37	11000	16000	7205B
	62	17	1.1	0.6	29.9	17.2	9500	14000	7305C
	62	17	1.1	0.6	28.9	16.7	9500	14000	7305AC

Rodamientos de bolas de **contacto angular**

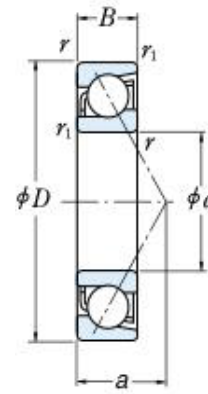
de una hilera, d 30-45mm



Boundary Dimensions					Basic Load	Ratings	Limiting	Speeds	Rodamientos
d	D	B	r _{min}	r1 _{min}	Dynamic	Static	Grease	Oil	
30	55	13	1	0.3	15.1	10.3	9500	14000	7006 C
	55	13	1	0.3	14.4	9.83	9500	14000	7006 AC
	55	13	1	0.3	15.1	10.3	9500	14000	B7006 C
	62	16	1	0.3	23	14.7	9000	13000	7206 C
	62	16	1	0.3	22.1	14.1	9000	13000	7206 AC
	62	16	1	0.3	21.9	12.5	9000	13000	7206B
	62	16	1	0.3	23	14.7	9500	14000	B7206 C
	72	19	1.1	0.6	35.9	22.3	8500	12000	7306 C
	72	19	1.1	0.6	34.6	21.4	8500	12000	7306 AC
72	19	1.1	0.6	31.1	19.3	8500	12000	7306B	
35	62	14	1	0.3	16.3	12.1	8500	12000	7007 C
	62	14	1	0.3	15.5	11.5	8500	12000	7007 AC
	62	14	1	0.3	16.3	12.1	8500	12000	B7007 C
	72	17	1.1	0.6	32.1	22	8000	11000	7207 C
	72	17	1.1	0.6	30.7	20.7	9000	12000	7207 AC
	72	17	1.1	0.6	27.1	18.4	8000	11000	7207B
	80	21	1.5	0.6	44.1	28	7500	10000	7307 C
	80	21	1.5	0.6	42.5	27	7500	10000	7307 AC
	80	21	1.5	0.6	38.1	24.2	7500	10000	7307B
100	25	1.5	0.6	70	42.2	6300	8500	7407 AC	
40	68	15	1	0.3	20.1	15.2	8000	11000	7008 C
	68	15	1	0.3	19	14.4	8000	11000	7008 AC
	68	15	1	0.3	18.4	14.3	8000	11000	B7008 C
	80	18	1.1	0.6	36.9	25.6	7500	10000	7208 C
	80	18	1.1	0.6	35.2	24.4	7500	10000	7208 AC
	80	18	1.1	0.6	32.6	23.4	7500	10000	7208B
	90	23	1.5	0.6	53.8	35	6700	9000	7308 C
	90	23	1.5	0.6	51.8	33.8	6700	9000	7308 AC
	90	23	1.5	0.6	46.4	30.3	6700	9000	7308B
	110	27	2	1	73.6	49.7	6000	8000	7408 AC
	110	27	2	1	57.2	45.3	6000	8000	7408B
45	75	16	1	0.3	25.9	20.4	7500	10000	7009 C
	75	16	1	0.3	24.5	19.3	7500	10000	7009 AC
	75	16	1	0.3	25.9	20.4	7500	10000	B7009 C
	85	19	1.1	0.6	38.6	29	12000	17000	7209 C
	85	19	1.1	0.6	36.9	27.1	6700	9000	7209 AC
	85	19	1.1	0.6	36	26.3	6700	9000	7209B
	100	25	1.5	0.6	66.8	45.8	6000	8000	7309 C

Rodamientos de bolas de **contacto angular**

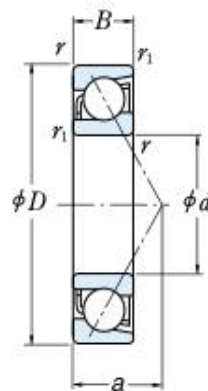
de una hilera, d 45-65mm



Boundary Dimensions					Basic Load	Ratings	Limiting	Speeds	Rodamientos
d	D	B	r _{min}	r1 _{min}	Dynamic	Static	Grease	Oil	
45	100	25	1.5	0.6	66.4	44	6000	8000	7309 AC
	100	25	1.5	0.6	59.7	39.7	6000	8000	7309 B
	120	29	2	1	87	55	5300	7000	7409 AC
50	80	16	1	0.3	26.6	21.9	6700	9000	7010 C
	80	16	1	0.3	25.2	21.4	6700	9000	7010 AC
	80	16	1	0.3	26.6	21.9	6700	9000	B 7010 C
	90	20	1.1	0.6	42.8	32	7600	10000	7210 C
	90	20	1.1	0.6	40.8	30.3	6300	8500	7210 AC
	90	20	1.1	0.6	37.4	29	6300	8500	7210 B
	110	27	2	1	79.5	55.9	7000	8700	7310 C
	110	27	2	1	76.5	53.8	5600	7500	7310 AC
55	90	18	1.1	0.6	37.2	28.6	6000	8000	7011 C
	90	18	1.1	0.6	35.2	27.2	1000	12000	7011 AC
	100	21	1.5	0.6	53	40	8000	10000	7211 C
	100	21	1.5	0.6	50.5	38.2	7100	10000	7211 AC
	100	21	1.5	0.6	46.3	36.1	5600	7500	7211 B
	120	29	2	1	91.8	65.6	7000	8700	7311 C
	120	29	2	1	88.3	63.2	5000	6700	7311 AC
	120	29	2	1	78.7	56.4	5000	6700	7311 B
60	95	18	1.1	0.6	38.2	32.6	5600	7500	7012 C
	95	18	1.1	0.6	36.2	31.6	5600	7500	7012 AC
	110	22	1.5	0.6	61	48.3	5300	7000	7212 C
	110	22	1.5	0.6	58.2	46	5300	7000	7212 AC
	110	22	1.5	0.6	56.1	44.4	5300	7000	7212 B
	130	31	2.1	1.1	105	76.3	4800	6300	7312 C
	130	31	2.1	1.1	101	73.4	4800	6300	7312 AC
	130	31	2.1	1.1	90	65.5	4800	6300	7312 B
	150	35	2.1	1.1	132	95.3	4300	5600	7412 AC
	150	35	2.1	1.1	118	86.3	4300	5600	7412 B
65	100	18	1.1	0.6	40.1	35.4	5300	7000	7013 C
	100	18	1.1	0.6	38	34.1	5300	7000	7013 AC
	120	23	1.5	0.6	70	54.8	4800	6300	7213 C
	120	23	1.5	0.6	66.6	52.3	4800	6300	7213 AC
	120	23	1.5	0.6	63.4	46	4800	6300	7213 B
	140	33	2.1	1.1	121	88.9	4300	5600	7313 C
	140	33	2.1	1.1	116	85.5	4300	5600	7313 AC
140	33	2.1	1.1	103	76.3	4300	5600	7313 B	

Rodamientos de bolas de **contacto angular**

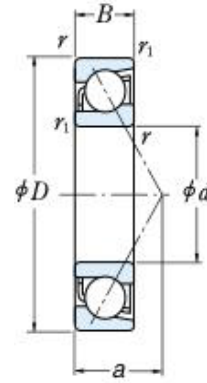
de una hilera, d 70-85mm



Boundary Dimensions					Basic Load	Ratings	Limiting	Speeds	Rodamientos
d	D	B	r_{min}	$r1_{min}$	Dynamic	Static	Grease	Oil	
70	110	20	1.1	0.6	48.3	43.2	500	6700	7014 C
	110	20	1.1	0.6	45.7	42.7	5000	6700	7014 AC
	110	20	1.1	0.7	45.7	42.7	5000	6700	B 7014 AC
	125	24	1.5	0.6	72.9	65	4500	6200	7214 C
	125	24	1.5	0.6	75.8	62	4500	6200	7214 AC
	125	24	1.5	0.6	61.6	54	4500	6200	7214B
	150	35	2.1	1.1	134	100	4000	5300	7314 C
	150	35	2.1	1.1	129	96.3	4000	5300	7314 AC
	150	35	2.1	1.1	114	86	4000	5300	7314B
180	42	3	1.1	150	131	3600	4800	7414 AC	
75	115	20	1.1	0.6	49.5	48	4800	6300	7015 C
	115	20	1.1	0.6	46.8	45.5	4800	6300	7015 AC
	130	25	1.5	0.6	79.2	63.7	4300	5600	7215 C
	130	25	1.5	0.6	78.8	67	4300	5600	7215 AC
	130	25	1.5	0.6	72.8	61.6	4300	5600	7215B
	160	37	2.1	1.1	145	113	3800	5000	7315 C
	160	37	2.1	1.1	139	109	3800	5000	7315 AC
	160	37	2.1	1.1	124	97.2	3800	5000	7315B
80	125	22	1.1	0.6	58.5	56.8	4500	6000	7016 C
	125	22	1.1	0.6	55.4	55.1	4500	6000	7016 AC
	140	26	2	1	92.8	83	4000	5300	7216 C
	140	26	2	1	88.4	79	4000	5300	7216 AC
	140	26	2	1	80.5	69.2	4000	5300	7216B
	170	39	2.1	1.1	158	128	3600	4800	7316 C
	170	39	2.1	1.1	152	122	3600	4800	7316 AC
	170	39	2.1	1.1	135	109	3600	4800	7316B
200	48	3	1.1	182	170	3200	4300	7416 AC	
85	130	22	1.1	0.6	62.5	61.7	4300	5600	7017 C
	130	22	1.1	0.6	59.2	59.2	4300	5600	7017 AC
	150	28	2	1	99.7	90	3800	5000	7217 C
	150	28	2	1	94.9	86	3800	5000	7217 AC
	150	28	2	1	93.1	81	3800	5000	7217B
	180	41	3	1.1	172	141	3400	4500	7317 C
	180	41	3	1.1	165	137	3400	4500	7317 AC
	180	41	3	1.1	148	122	3400	4500	7317B

Rodamientos de bolas de **contacto angular**

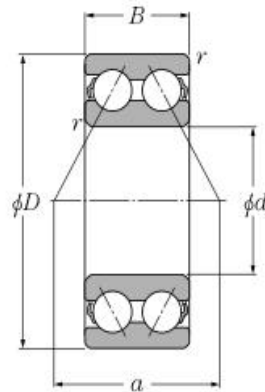
de una hilera, d 90-120mm



Boundary Dimensions					Basic Load	Ratings	Limiting	Speeds	Rodamientos
d	D	B	r _{min}	r _{1min}	Dynamic	Static	Grease	Oil	
90	140	24	1.5	0.6	71.4	71.7	4000	5300	7018 C
	140	24	1.5	0.6	67.6	68.6	4000	5300	7018 AC
	160	30	2	1	123	105	3600	4800	7218 C
	160	30	2	1	117	100	3600	4800	7218 AC
	160	30	2	1	106	93.8	3600	4800	7218B
	190	43	3	1.1	185	160	3200	4300	7318 C
	190	43	3	1.1	178	154	3200	4300	7318 AC
	190	43	3	1.1	158	137	3200	4300	7318B
225	54	4	1.5	233	214	2600	3600	7418 AC	
95	145	24	1.5	0.6	73.6	77.1	3800	5000	7019 C
	145	24	1.5	0.6	69.5	71	3800	5000	7019 AC
	170	32	2.1	1.1	135	120	3400	4500	7219 C
	170	32	2.1	1.1	128	114	3400	4500	7219 AC
	170	32	2.1	1.1	121	108	3400	4500	7219B
	200	45	3	1.1	201	180	3000	4000	7319 C
	200	45	3	1.1	193	173	3000	4000	7319 AC
	200	45	3	1.1	172	154	3000	4000	7319B
100	150	24	1.5	0.6	79.4	81.3	3800	5000	7020 C
	150	24	1.5	0.6	75.1	77	3800	5000	7020 AC
	180	34	2.1	1.1	149	136	3200	4300	7220 C
	180	34	2.1	1.1	142	130	3200	4300	7220 AC
	180	34	2.1	1.1	130	114	3200	4300	7220B
	215	47	3	1.1	222	207	2600	3600	7320 C
	215	47	3	1.1	214	199	2600	3600	7320 AC
	215	47	3	1.1	190	177	2600	3600	7320B
110	170	28	2	1	104	104	2800	3800	7022 AC
	200	38	2.1	1.1	176	171	2800	3800	7222 C
	200	38	2.1	1.1	176	164	2800	3800	7222 AC
	200	38	2.1	1.1	165	161	2800	3800	7222B
	240	50	3	1.1	253	252	2200	3200	7322 AC
	240	50	3	1.1	226	225	2200	3200	7322B
120	215	40	2.1	1.1	190	179	2400	3400	7224 C
	215	40	2.1	1.1	181	184	2400	3400	7224 AC
	215	40	2.1	1.1	193	262	2400	3400	7224B
	260	55	3	1.1	279	288	2200	3200	7324 C
	260	55	3	1.1	268	277	2200	3200	7324 AC

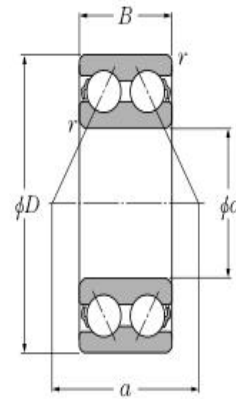
Rodamientos de bolas de **contacto angular**

de dos hileras, d 10-80mm

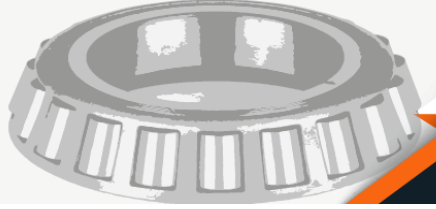


Boundary Dimensions			Basic Load	Ratings	Mass	Rodamientos
d	D	B	Dynamic	Static	kg	
10	30	14	7.6	4.3	0.051	3200
12	32	15.9	10.1	5.6	0.058	3201
15	35	15.9	11.2	6.8	0.066	3202
15	42	19	15.1	9.3	0.13	3302
17	40	17.5	14.3	8.8	0.096	3203
17	47	22.2	21.6	12.7	0.18	3303
20	47	20.6	20	12	0.16	3204
20	52	22.2	23.6	14.6	0.22	3304
25	52	20.6	21.6	14.3	0.18	3205
25	62	25.4	32	20.4	0.35	3305
30	62	23.8	30	20.4	0.29	3206
30	72	30.2	42.5	30	0.52	3306
35	72	27	40	28	0.44	3207
35	80	34.9	52	35.5	0.735	3307
40	80	30.2	47.5	34	0.57	3208
40	90	36.5	64	44	0.93	3308
45	85	30.2	51	39	0.63	3209
45	100	39.7	75	53	1.25	3309
50	90	30.2	51	39	0.65	3210
50	110	44.4	90	64	1.7	3310
55	100	33.3	60	47.5	0.91	3211
55	120	49.2	112	81.5	2.65	3311
60	110	36.5	73.5	58.5	1.2	3212
65	120	38.1	80.6	73.5	1.75	3213
65	140	58.7	146	110	4.1	3313
70	125	39.7	88.4	80	1.9	3214
70	150	63.5	163	125	5.05	3314
75	130	41.3	95.6	88	2.1	3215
75	160	68.3	176	140	5.55	3315
80	140	44.4	106	95	2.65	3216

Rodamientos de bolas de **contacto angular**
de dos hileras, d 80-110mm



Boundary Dimensions			Basic Load	Ratings	Mass	Rodamientos
d	D	B	Dynamic	Static	kg	
80	170	68.3	193	156	6.8	3316
85	150	49.2	124	110	3.4	3217
85	180	73	208	176	8.3	3317
90	160	52.4	130	120	4.15	3218
90	190	73	208	180	9.25	3318
95	170	55.6	159	146	5	3219
95	200	77.8	240	216	11	3319
100	180	60.3	178	166	6.1	3220
100	215	82.6	255	255	13.5	3320
110	200	69.8	212	212	8.8	3222
110	240	92.1	291	305	19	3322

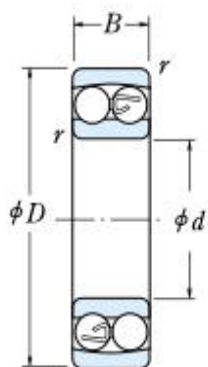


● Rodamientos de bolas a rótula

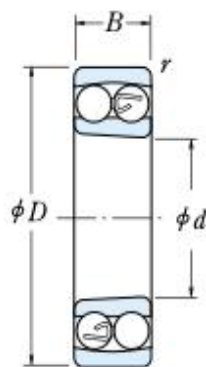


Rodamientos de bolas a rótula

d 17-60mm



Cylindrical Bore

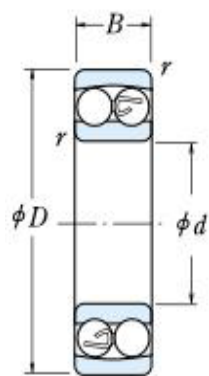


Tapered Bore

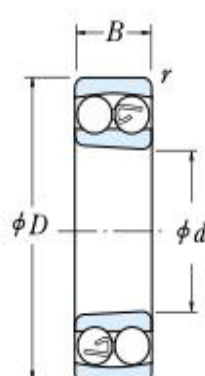
Boundary Dimensions				Basic Load	Ratings	Limiting	Speeds	Rodamientos	
d	D	B	r _{min}	Dynamic	Static	Grease	Oil	orificio cilíndrico	orificio cónico
17	40	12	0.6	0.6	2.45	13500	16200	1203	1203K
20	47	14	1	1	3.2	13500	16200	1204	1204 K
	52	21	1.1	1.1	4.75	10000	13000	2304	2304K
25	52	15	1	1	4.05	11700	14400	1205	1205 K
	52	18	1	1	4.28	11700	14400	2205	2205 K
	62	17	1.1	1.1	6	8500	11000	1305	1305 K
	62	24	1.1	1.1	6.95	8500	11000	2305	2305K
30	62	16	1	1	5.85	9000	11700	1206	1206 K
	62	20	1	1	5.68	9500	11700	2206	2206 K
	72	19	1.1	1.1	7.8	8100	10000	1306	1306 K
35	72	17	1.1	1.1	6.7	8100	10000	1207	1207 K
	72	23	1.1	1.1	8.6	8100	10000	2207	2207 K
	80	21	1.5	1.5	9.8	6800	8100	1307	1307 K
	80	31	1.5	1.5	12.9	6800	8100	2307	2307 K
40	80	18	1.1	1.1	8.65	6800	8100	1208	1208 K
	80	23	1.1	1.1	9.8	6800	8100	2208	2208 K
	90	23	1.5	1.5	12.2	6000	7200	1308	1308 K
	90	33	1.5	1.5	15.6	6000	7200	2308	2308 K
45	85	19	1.1	1.1	9.65	6000	7200	1209	1209 K
	85	23	1.1	1.1	10.8	6000	7200	2209	2209 K
	100	25	1.5	1.5	16	5700	6800	1309	1309 K
	100	36	1.5	1.5	19.6	5700	6800	2309	2309 K
50	90	20	1.1	1.1	10.8	6300	7700	1210	1210 K
	90	23	1.1	1.1	11.2	6300	7700	2210	2210 K
	110	27	2	2	17.6	5000	6000	1310	1310 K
	110	40	2	2	20	5000	6000	2310	2310 K
55	100	21	1.5	1.5	13.4	5000	6000	1211	1211 K
	120	29	2	2	22.4	4500	5400	1311	1311 K
	120	43	2	2	24	4500	5400	2311	2311 K

Rodamientos de bolas a r tula

d 60-85mm

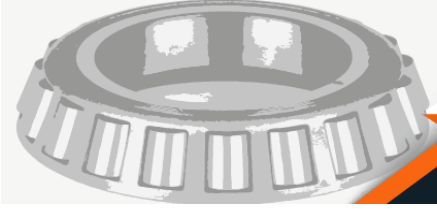


Cylindrical Bore



Tapered Bore

Boundary Dimensions				Basic Load	Ratings	Limiting	Speeds	Rodamientos	
d	D	B	r _{min}	Dynamic	Static	Grease	Oil	orificio cil�ndrico	orificio c�nico
60	110	22	1.5	1.5	15.6	5000	6000	1212	1212 K
	110	28	1.5	1.5	16.8	5000	6000	2212	2212 K
	130	31	2.1	57.2	26.5	4050	5000	1312	1312 K
	130	46	2.1	87.1	28.5	4050	5000	2312	2312K
65	140	33	2.1	63.7	29	3870	4500	1313	1313 K
70	150	35	2.1	74.1	27.5	3600	4320	1314	1314 K
75	160	37	2.1	79.3	30	3400	4300	1315	1315 K
	160	55	2.1	124	43	3400	4300	2315	2315 K
80	170	39	2.1	88.4	33.5	3200	4100	1316	1316
85	180	41	3	97.9	38	3100	3600	1317	1317

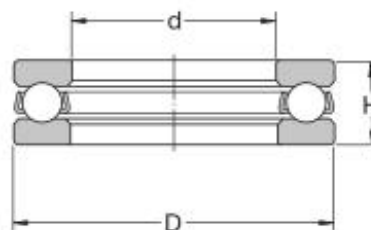


● Rodamientos axiales de bolas



Rodamientos axiales de bolas

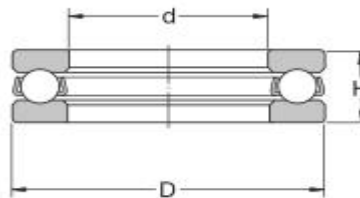
d 10-50mm



Boundary Dimensions				Basic Load	Ratings	Limiting	Speeds	Rodamientos
d	D	H	r_{min}	Dynamic	Static	Grease	Oil	
10	24	9	0.3	10	13.3	7000	9500	51100
	26	11	0.6	12.7	16.2	6000	8000	51200
12	26	9	0.3	10.3	14.5	7000	9500	51101
	28	11	0.6	13.2	18.1	6000	8000	51201
15	28	9	0.3	10.5	13.3	6300	8500	51102
	32	12	0.6	14.2	15.8	5300	7000	51202
17	30	9	0.3	10.8	13.4	6300	8500	51103
	35	12	0.6	17.2	26.1	5300	7000	51203
20	35	10	0.3	13.4	18.6	5600	7500	51104
	40	14	0.6	22.3	35.6	4500	6000	51204
25	42	11	0.6	17.4	27.6	4800	6300	51105
	47	15	0.6	27.8	47.5	4000	5300	51205
	52	18	1	35.7	52.3	3400	4500	51305
	60	24	1	55.5	85.5	2600	3600	51405
30	47	11	0.6	18.1	31.8	4500	6000	51106
	52	16	0.6	28.1	45.1	3600	4800	51206
	60	21	1	42.8	62.2	2800	3800	51306
	70	28	1	72.7	119	2200	3200	51406
35	52	12	0.6	21.2	38.2	4300	5600	51107
	62	18	1	39.2	63.7	3200	4300	51207
	68	24	1	55.4	83.6	2400	3400	51307
	80	32	1.1	87	148	1800	2600	51407
40	60	13	0.6	26.9	47.5	3800	5000	51108
	68	19	1	47	93.1	2800	3800	51208
	78	26	1	69.2	106	2000	3000	51308
	90	36	1.1	112	194	1700	2400	51408
45	65	14	0.6	27	54.2	3400	4500	51109
	65	14	0.6	31.6	108	3400	4500	51109
	73	20	1	47.8	81	2600	3600	51209
	85	28	1	75.8	133	1900	2800	51309
	100	39	1.1	141	228	1600	2200	51409
50	70	14	0.6	27.1	59.9	3400	4500	51110
	78	22	1	48.5	101	2400	3400	51210
	95	31	1.1	96.6	164	1800	2600	51310
	110	43	1.5	160	295	1500	2000	51410

Rodamientos axiales de bolas

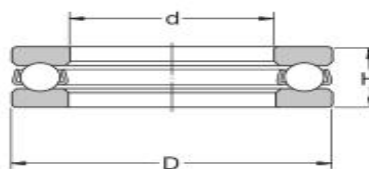
d 55-100mm



Boundary Dimensions				Basic Load	Ratings	Limiting	Speeds	Rodamientos
d	D	H	r _{min}	Dynamic	Static	Grease	Oil	
55	78	16	0.6	34.4	74.1	3000	4000	51111
	90	25	1	67.6	127	2000	3000	51211
	105	35	1.1	114.5	198	1600	2200	51311
	120	48	1.5	183	342	1300	1800	51411
60	85	17	1	40.3	87	2600	3600	51112
	95	26	1	73.6	141	1900	2800	51212
	110	35	1.1	118	208	1600	2200	51312
	130	51	1.5	201	380	1200	1700	51412
65	90	18	1	41.7	103	2400	3400	51113
	100	27	1	74.9	151	1800	2600	51213
	115	36	1.1	116	228	1600	2200	51313
	140	56	2	217	428	1000	1500	51413
70	95	18	1	42	119	2400	3400	51114
	105	27	1	73.6	161	1800	2600	51214
	125	40	1.1	148	285	1400	1900	51314
	150	60	2	257	475	950	1400	51414
75	100	19	1	44	130	2200	3200	51115
	110	27	1	74.9	173	1700	2400	51215
	135	44	1.5	163	342	1200	1700	51315
	160	65	2	269	532	900	1300	51415
80	105	19	1	48.8	133	2000	3000	51116
	115	28	1	83.8	193	1700	2400	51216
	140	44	1.5	178	342	1200	1700	51316
	170	68	2.1	292	589	850	1200	51416
85	110	19	1	49.2	143	2000	3000	51117
	125	31	1	103	238	1600	2200	51217
	150	49	1.5	209	404	1100	1600	51317
	180	72	2.1	318	646	850	1200	51417
90	120	22	1	65.1	181	1800	2600	51118
90	135	35	1.1	125	285	1500	2000	51218
	155	50	1.5	221	408	1000	1500	51318
	190	77	2.1	327	713	800	1100	51418
100	135	25	1	85.1	257	1700	2400	51120
	150	38	1.1	149	347	1300	1800	51220
	170	55	1.5	263	513	950	1400	51320
	210	85	3	399	917	700	950	51420

Rodamientos axiales de bolas

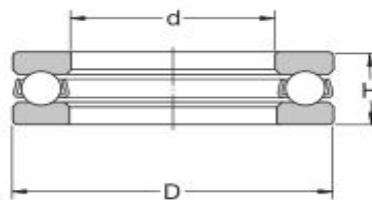
d 110-280mm



Boundary Dimensions				Basic Load	Ratings	Limiting	Speeds	Rodamientos
d	D	H	r _{min}	Dynamic	Static	Grease	Oil	
110	145	25	1	87.2	276	1600	2200	51122
	160	38	1.1	139	393	1200	1700	51222
	190	63	2	280	684	850	1200	51322
	230	95	3	415	1150	630	850	51422
	230	95	3	491	1397	630	850	51422
120	155	25	1	87.1	295	1600	2200	51124
	170	39	1.1	136	399	1200	1700	51224
	210	70	2.1	330	869	800	1100	51324
130	170	30	1	109	371	1400	1900	51126
	190	45	1.5	186	535	950	1400	51226
	225	75	2.1	358	1007	750	1000	51326
	270	110	4	490	1520	560	750	51426
140	180	31	1	111	380	1300	1800	51128
	200	46	1.5	191	542	950	1400	51228
	240	80	2.1	396	1159	700	950	51328
	280	112	4	553	1750	500	700	51428
150	190	31	1	112	380	1200	1700	51130
	215	5	1.5	244	698	900	1300	51230
	250	80	2.1	407	1226	670	900	51330
160	200	31	1	112	404	1200	1700	51132
	225	51	1.5	240	741	850	1200	51232
	270	87	3	463	1425	630	850	51332
170	215	34	1.1	137	475	1100	1600	51134
	240	55	1.5	280	884	800	1100	51234
	280	87	3	445	1520	600	800	51334
170	215	34	1.1	137	475	1100	1600	51134
	240	55	1.5	280	884	800	1100	51234
	280	87	3	445	1520	600	800	51334
180	225	34	1.1	135	504	1000	1500	51136
	250	56	1.5	294	950	800	1100	51236
	300	95	3	494	1738	560	750	51336
190	320	105	4	544	1480	520	700	51338
220	270	37	1.1	179	740	950	1400	51144
260	320	45	1.5	218	994	800	1100	51152
	360	79	2.1	450	1900	560	750	51252
280	380	80	2.1	493	1950	560	750	51256

Rodamientos axiales de bolas

d 300-400mm



Boundary Dimensions				Basic Load	Ratings	Limiting	Speeds	Rodamientos
d	D	H	r _{min}	Dynamic	Static	Grease	Oil	
300	380	62	2	322	1634	630	850	51160
	420	95	3	575	2613	480	630	51260
320	400	63	2	352	1756	600	800	51164
	440	95	3	543	2565	450	600	51264
340	420	64	2	358	1768	600	800	51168
	460	96	3	575	2755	450	600	51268
	540	160	5	1020	5100	200	250	51368
360	440	65	2	371	1890	560	750	51172
	500	110	4	704	3610	400	530	51272
400	480	65	2	403	2014	530	700	51180

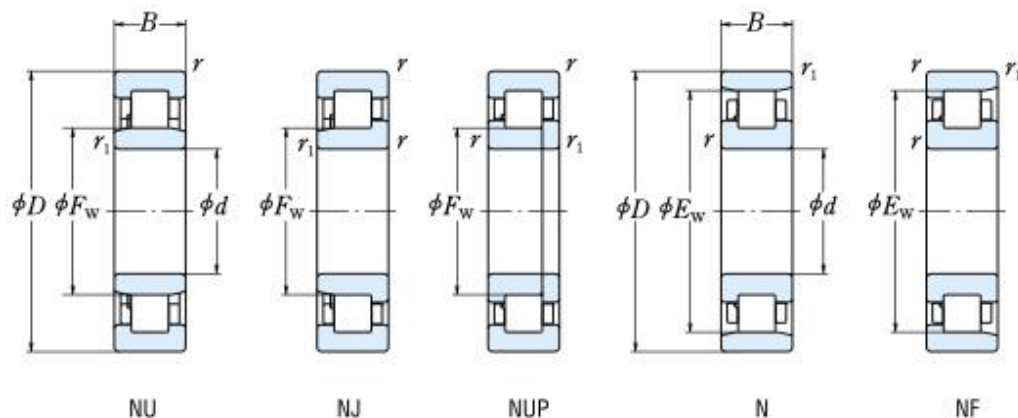


● Rodamientos de rodillos cilíndricos



Rodamientos de rodillos cilíndricos

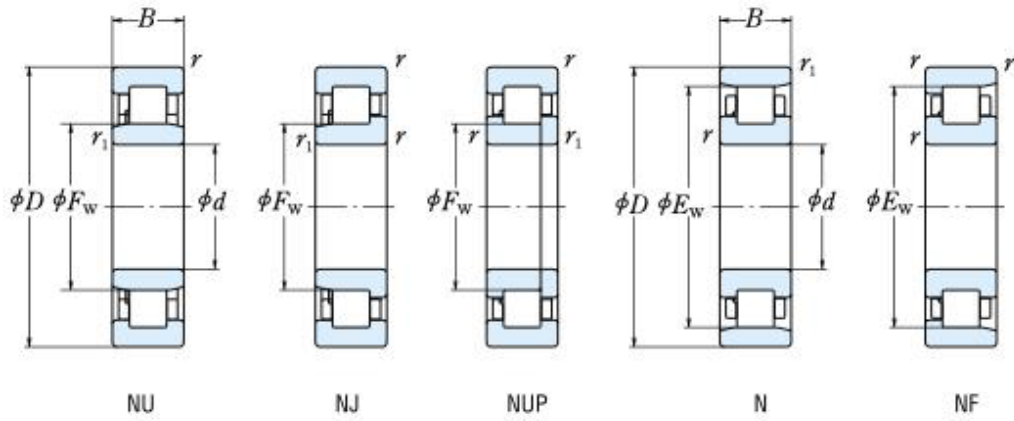
de una hilera, d 17-40mm



Boundary Dimension				Basic Load	Ratings	Limiting	Speeds	Rodamientos
d	D	B	r _{min}	Dynamic	Static	Grease	Oil	
17	47	14	1	19.2	16.9	14000	17000	NU 303
20	47	14	1	23.8	23.9	13000	16000	N 204
	47	14	1	25.1	25.2	13000	16000	NU 204
	47	14	1	25.1	25.2	13000	16000	NJ 204
25	52	15	1	28.8	27.1	11000	14000	NU 205
	52	15	1	30.6	29.3	10500	13500	NJ 205
	52	18	1	37.8	40.2	2200	4500	NU 2205
	62	17	1.1	30.6	26.6	9500	12000	NJ 305
	62	17	1.1	38	37	9500	12000	NU 305
	62	24	1.1	50.5	49.5	9000	11000	NJ 2305
30	62	16	1	34.3	21.7	9500	12000	N 206
	62	16	1	32.9	29.7	9500	12000	NU 206
	62	16	1	26.5	25.3	9500	12000	NJ 206
	72	19	1.1	51.2	48	9000	11000	NF 306
	72	19	1.1	51.2	48	9000	11000	NU 306
35	72	17	1.1	45.3	43.8	8500	10000	NJ 207
	72	17	1.1	45.3	43.8	8500	10000	NU 207
35	72	17	1.1	49.2	51.9	9340	11770	N 207
	80	21	1.5	50.9	48.5	7000	8500	NU 307
	80	21	1.5	50.9	48.5	7000	8500	NF 307
	80	21	1.5	70.6	66.2	7000	8500	NJ307
	80	31	1.5	92.2	99.3	7000	8500	NJ2307
	80	31	1.5	92.2	99.3	7000	8500	NU2307
	100	25	1.5	77.5	72.5	6700	8000	NJ 407
	40	80	18	1.1	49.1	31.9	7500	9000
80		18	1.1	49.1	31.9	7500	9000	NF 208
80		18	1.1	49.1	31.9	7500	9000	NU 208
80		18	1.1	48.5	47.7	7500	9000	N 208
90		23	1.5	59.8	58.4	6700	8000	N 308
90		23	1.5	59.8	58.4	6700	8000	NU 308
90		23	1.5	59.8	58.4	6700	8000	NJ 308
90		23	1.5	59.8	58.4	6700	8000	NF 308
90		33	1.5	111	119	6300	7500	NJ2308
110		27	2	106	102	6000	7000	N408

Rodamientos de rodillos cilíndricos

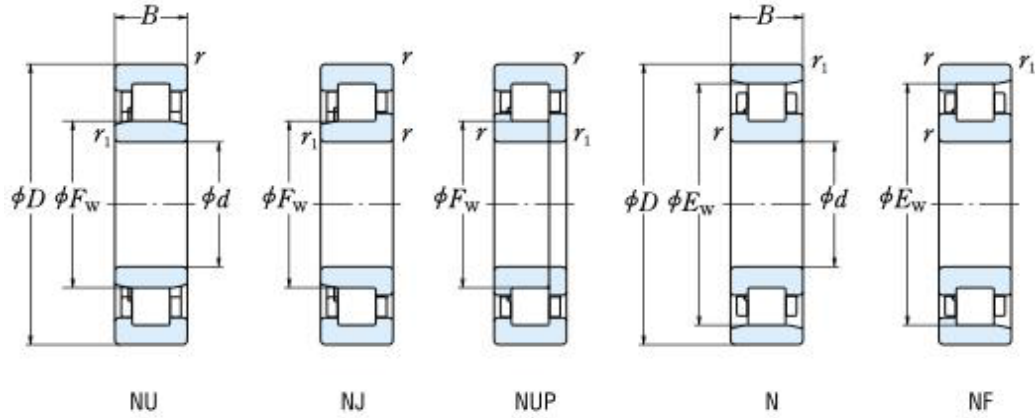
de una hilera, d 45-60mm



Boundary Dimension				Basic Load	Ratings	Limiting	Speeds	Rodamientos
d	D	B	r _{min}	Dynamic	Static	Grease	Oil	
45	85	19	1.1	60.1	62.5	6700	8000	NJ 209
	85	23	1.1	66.1	79.5	6700	8000	NU 2209
	85	23	1.1	72.6	79.5	6700	8000	NJ 2209
	100	25	1.5	101	103	6300	7500	NF309
	100	25	1.5	79.5	78.5	6300	7500	N 309
	100	25	1.5	79.5	78.5	6300	7500	NU 309
	100	25	1.5	79.5	78.5	6300	7500	NJ 309
	100	31	1.5	130	149	5600	6700	NJ2309
	100	36	1.5	93.3	104	5600	6700	N 2309
	120	29	2	117	115	5600	6700	NJ 409
50	90	20	1.1	52.3	56.8	6300	7500	N 210
	90	20	1.1	54.8	60.3	6300	7500	NU 210
	90	20	1.1	54.8	60.3	6300	7500	NJ 210
	90	23	1.1	64.1	69.1	6300	7500	NU 2210
50	110	27	2	90.4	90.7	5000	6000	N 310
	110	27	2	90.4	90.7	5000	6000	NU 310
	110	27	2	90.4	90.7	5000	6000	NJ 310
	110	40	2	121	133	5000	6000	NU 2310
	110	40	2	153	172	5000	6000	NJ 2310
55	100	21	1.5	87	100	6000	7000	NJ 211
	100	21	1.5	87	100	6000	7000	NF 211
	100	21	1.5	87	100	6000	7000	NU 211
	120	29	2	110	110	4800	5600	N 311
	120	29	2	110	110	4800	5600	NU 311
	120	29	2	110	110	4800	5600	NF 311
	120	43	2	148	162	4800	5600	NU 2311
	120	43	2	148	162	4800	5600	NJ 2311
55	140	33	2.1	139	138	4800	5600	NU 411
	140	33	2.1	139	138	4800	5600	NJ 411
60	95	18	1.1	48.7	62.3	6700	8000	NU1012
	110	22	1.5	73.3	82	5300	6300	N 212
	110	22	1.5	98.5	108.6	5300	6300	NJ 212
	110	22	1.5	76	87	5300	6300	NU 212
	130	31	2.1	126	130	4300	5000	N 312
	130	31	2.1	126	130	4300	5000	NU 312
	130	31	2.1	126	130	4300	5000	NJ 312
	130	46	2.1	222	262	4300	5000	N 2312
	130	46	2.1	222	262	300	5000	NJ2312
	150	35	2.1	167	168	4300	5000	N 412
	150	35	2.1	167	168	4300	5000	NJ 412

Rodamientos de rodillos cilíndricos

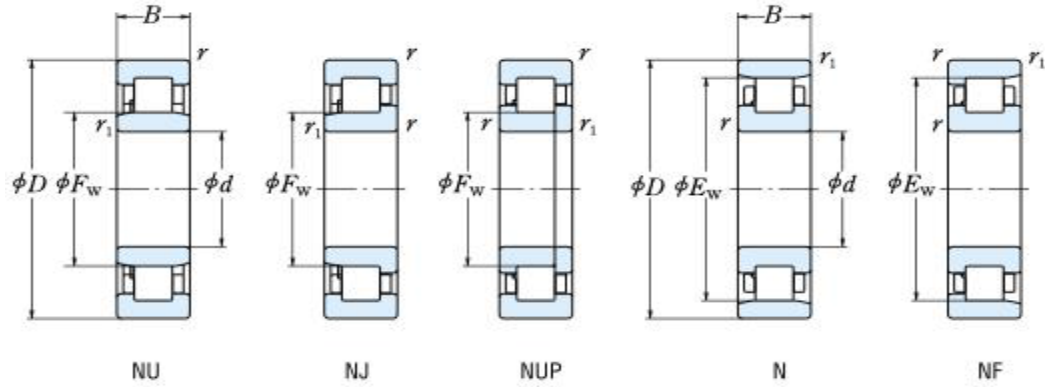
de una hilera, 65-80mm



Boundary Dimension				Basic Load	Rated	Limiting	Speeds	Rodamientos
d	D	B	r _{min}	Dynamic	Static	Grease	Oil	
65	100	18	1.1	41	51	6300	7500	NU 1013
	120	23	1.5	85	96.1	4800	5600	NJ 213
	120	23	1.5	85	96.1	4800	5600	N 213
	120	31	1.5	144	172	4800	5600	NU 2213
	140	33	2.1	140	146	4000	4800	N 313
	140	33	2.1	140	146	4000	4800	NU 313
	140	33	2.1	140	146	4000	4800	NJ 313
	140	48	2.1	238	276	4000	4800	NU 2313
70	125	24	1.5	83.5	95	4500	5300	NJ 214
	125	24	1.5	83.5	95	4500	5300	NU 214
	125	24	1.5	112	126	4500	5300	N 214
	125	24	4	123	143	4500	5300	NF 214
	125	31	1.5	145	185	4500	5300	NJ 2214
	133	35	2.1	209	228			R N 214
	150	35	2.1	173	189	3600	4300	N 314
	150	35	2.1	173	189	3600	4300	NU 314
	150	35	2.1	173	189	3600	4300	NJ 314
	150	51	2.1	258	298	3600	4300	NJ 2314
180	42	3	250	266	3600	4300	N 414	
75	115	20	1.1	66.8	85.5	5600	6700	NU 1015
	130	25	1.5	123	146	4500	5300	NJ 215
	130	25	1.5	134	162	4500	5300	N 215
	160	37	2.1	190	205	3400	4000	N 315
	160	37	2.1	190	205	3400	4000	NU 315
	160	37	2.1	217	236	3400	4000	N 315
	160	37	2.1	190	205	3400	4000	NJ 315
	190	45	3	301	329	3400	4000	NJ 415
	160	55	2.1	308	361	3400	4000	NU 2315
	160	55	2.1	308	361	3400	4000	NJ 2315
	160	68.3	2.1	321	306	2500	3000	NU 3315
80	140	26	2	121	145	4000	4800	NJ 216
	140	26	2	121	145	4000	4800	N 216
	140	26	2	121	145	4000	4800	NU 216
	140	33	2	187	245	4000	4800	NU 2216
	170	39	2.1	233	249	3200	3800	N 316
	170	39	2.1	262	299	3200	3800	NU 316
	170	58	2.1	274	330	3200	3800	NU 2316
	170	58	2.1	274	330	3200	3800	NJ 2316

Rodamientos de rodillos cilíndricos

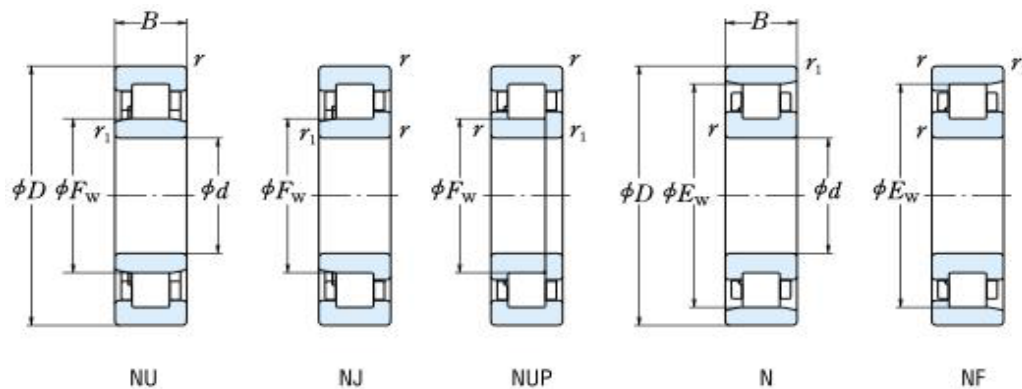
de una hilera, d 85-110mm



Boundary Dimension				Basic Load	Ratings	Limiting	Speeds	Rodamientos
d	D	B	r _{min}	Dynamic	Static	Grease	Oil	
85	130	22	1.1	74	108	5000	6000	NU 1017
	180	41	3	242	273	3000	3600	NJ 317
	180	41	3	250	270	3000	3600	N 317
	180	60	3	315	380	3000	3600	NU 2317
	180	60	3	315	380	3000	3600	NJ 2317
90	160	30	2	163	195	3600	4300	N 218
	160	30	2	163	195	3600	4300	NU 218
	160	30	2	163	195	3600	4300	NF 218
	190	43	3	261	297	2800	3400	NU 318
	190	43	3	261	297	2800	3400	N 318
	190	43	3	355	362	2800	3400	NU 318
	190	64	3	430	530	2800	3400	NU 2318
	190	64	3	430	530	2800	3400	NJ 2318
95	200	45	3	340	395	2600	3200	N 319
	200	45	3	340	395	2600	3200	NU 319
	200	67	3	458	580	2600	3200	NJ 2319
	200	67	3	433	538	2600	3200	NU 2319
100	180	34	2.1	183	217	3200	3800	NJ 220
	180	34	2.1	227	270	3200	3800	N 220
	180	46	2.1	335	445	3200	3800	NU 2220
	180	50	2.5	258	315	3200	3800	NJ 2220
	215	54	3	390	440	2400	3000	N 320
	215	54	3	408	440	2400	3000	NJ 320
	215	57	3	524	505	2400	3000	N 2320
	215	57	3	524	505	2400	3000	NU 2320
	215	57	3	536	726	2400	3000	NJ 2320
105	160	26	1.1	105	142	4000	4800	NF 1021
110	170	28	2	144	195	3800	4500	NU 1022
	200	38	2.1	266	323	2800	3400	NJ 222
	200	38	2.1	266	323	2800	3400	NU 222
	200	38	2.1	266	323	2800	3400	N 222
	240	50	3	411	545	2000	2600	N 322
	240	50	3	411	545	2000	2600	NJ 32 2
	240	80	3	621	735	2000	2600	NU 2322
	240	80	3	621	735	2000	2600	NJ 2322
	280	65	4	555	631	2000	2600	NJ 422

Rodamientos de rodillos cilíndricos

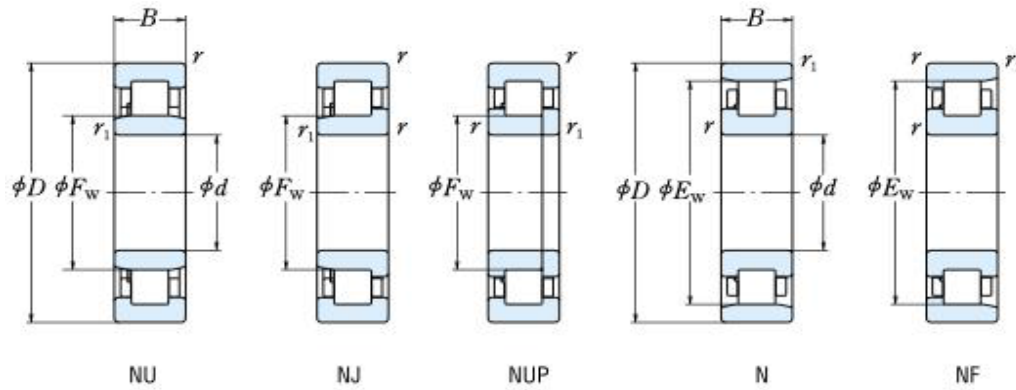
de una hilera, d 120-150mm



d	Boundary Dimension			Basic Load Ratings		Limiting Speeds		Rodamientos
	D	B	r _{min}	Dynamic	Static	Grease	Oil	
120	215	40	2.1	300	420	2400	3000	N 224
	215	40	2.1	300	420	2400	3000	NU 224
	215	40	2.1	300	420	2400	3000	NJ 224
	215	58	2.1	380	520	2400	3000	N 2224
	260	55	3	537	623	1900	2400	N324
	260	55	3	537	623	1900	2400	NU324
	260	86	3	285	1020	1900	2400	NU 2324
	260	86	3	785	1020	1900	2400	NJ 2324
130	200	33	2	213	315	3200	3800	N1026
	200	33	2	172	238	3200	3800	NU 1026
	230	40	3	371	466	2200	2800	NU 226
	280	58	4	590	694	1800	2200	N 326
	280	58	4	590	694	1800	2200	NU 326
	280	93	4	920	1230	1800	2200	NU2326
	280	93	4	920	1230	1800	2200	NJ 2326
	340	78	5	825	955	1500	1900	NU 426
340	78	5	825	955	1500	1900	NJ 426	
140	210	33	2	212	317	3000	3600	NU 1028
	250	42	3	406	536	2000	2600	NJ 228
	250	42	3	406	536	2000	2600	NU 228
	250	42	3	389	507	2000	2600	NU 228
	250	42	3	406	556	2000	2600	NU 228
	250	68	3	547	787	2000	2600	NJ 2228
	250	68	3	547	787	2000	2600	NU 2228
	300	62	4	624	758	1980	2490	NJ 328
	300	62	4	624	758	1800	2200	NU 328
	300	62	4	624	758	1800	2200	N 328
	300	102	4	959	1320	1800	2200	NJ 2328
	300	102	4	959	1320	1800	2200	NU 2328
	360	82	5	964	1135	1800	2200	NU428
	360	82	5	964	1135	1800	2200	NJ428
150	270	45	3	419	543	1900	2400	NJ 230
	270	45	3	419	543	1900	2400	NU230
	320	65	4	720	970	1820	2300	NJ330
	320	65	4	720	970	1820	2300	NU330
	320	108	4	1092	1472	1700	2000	NU 2330
	290	48	3	443	655	1800	2200	NU232
	290	48	3	493	655	1800	2200	NJ 232
	290	48	3	493	655	2200	2600	N 232

Rodamientos de rodillos cilíndricos

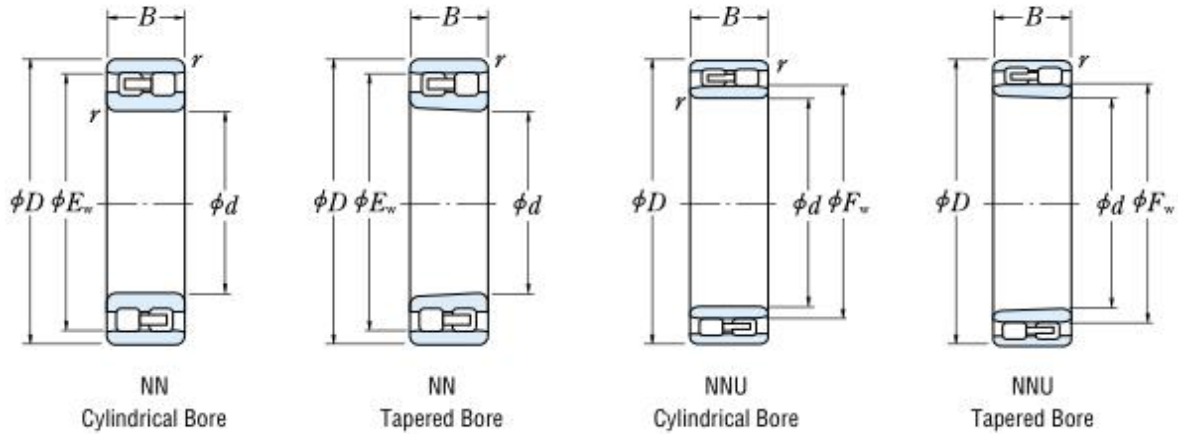
de una hilera, d 150-240mm



Boundary Dimension				Basic Load	Ratings	Limiting	Speeds	Rodamientos
d	D	B	r _{min}	Dynamic	Static	Grease	Oil	
150	290	80	3	771	1118	1800	2200	NU 2232
	340	68	4	873	1080	1500	1800	NU 332
	340	11	4	1138	1800	1500	1800	NU2332
170	260	42	2.1	260	380	2200	2800	NU 1034
	310	52	4	589	776	1800	2200	NJ234
	310	52	4	589	776	1800	2200	NU234
	360	72	4	892	1090	1400	1700	NU334
	360	120	4	1154	1622	1400	1700	NU 2334
	360	120	4	1154	1622	1400	1700	NJ 2334
180	320	52	4	587	782	1700	2000	NU 236
	320	52	4	587	782	1700	2000	NJ 236
	320	86	4	954	1408	1700	2000	NU 2236
	380	126	4	1554	2212	1300	1600	NJ 2336
190	290	46	2.1	384	575	2000	2600	NU1038
	340	55	4	649	871	1600	1900	NJ 238
	340	92	3	1220	1600	1600	1900	NU 2238
200	310	51	2.1	388	580	1900	2400	NU 1040
	310	51	2.1	448	695	1900	2400	NJ 1040
	310	51	2.1	450	700	3000	3400	N 1040
	360	58	4	745	1020	1500	1800	NJ 240
	360	58	4	745	1020	1500	1800	NU 240
220	340	56	3	470	750	1800	2200	NU 1044
	400	65	4	769	1100	1500	1800	NJ 244
	400	65	4	769	1100	1500	1800	NU 244
	460	88	5	1130	1020	1200	1500	NU 344
240	360	56	3	497	820	1700	2000	NU 1048
	360	56	3	497	820	1700	2000	NJ 1048
	440	72	4	997	1450	1300	1600	NU248
	440	72	4	997	1450	1300	1600	NJ 248
	500	95	5	1390	1610	1000	1300	NU 348

Double row cylindrical roller bearings

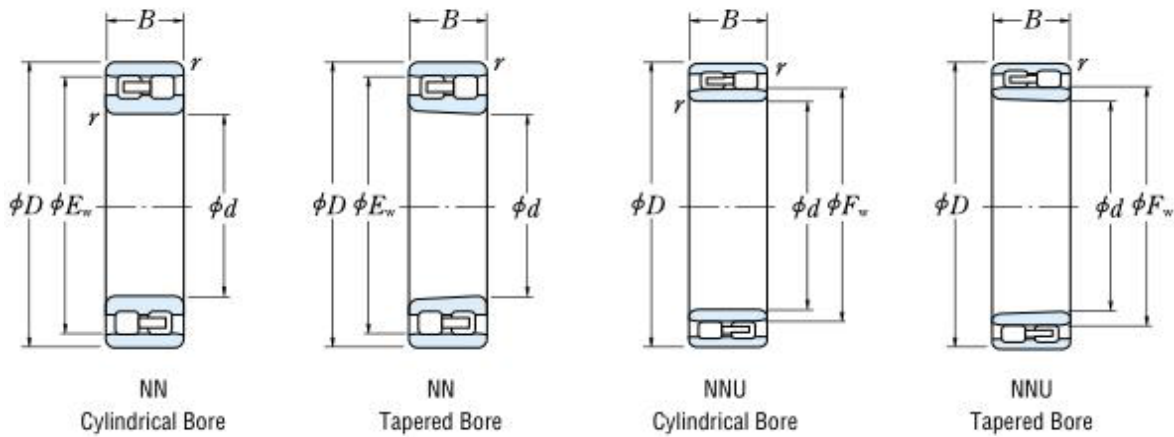
de dos hileras, d 50-200mm



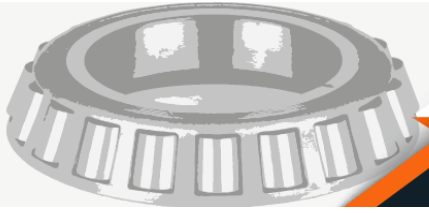
Boundary Dimension				Basic Load	Ratings	Limiting	Speeds	Rodamientos
d	D	B	r _{min}	Dynamic	Static	Grease	Oil	
50	80	23	1	53	73.2	8000	9400	NN 3010 K
60	95	26	1.1	70.2	105	8500	10000	NN3012K
	95	26	1.1	70.2	105	8500	10000	NN3012
70	110	30	1.1	95.8	145	7000	8500	NN3014K
75	115	30	1.1	101	158	6700	8000	NN3015K
	115	30	1.1	101	158	6700	8000	NN3015
80	125	34	1.1	123	194	6300	7500	NN3016K
	125	34	1.1	123	194	6300	7500	Nn3016
85	130	34	1.1	122	195	6000	7000	NN3017K
90	140	37	1.5	142	226	5600	6700	NN3018K
100	150	37	1.5	161	274	5300	6000	NN 3020 K
105	160	41	2	201	328	4800	5600	NN 3021K
110	200	69.8	2.1	372	592	3100	3900	NN 3222
120	180	46	2	235	397	4300	5000	NN3024K
130	200	52	2	294	498	4000	4500	NN3026K
140	210	53	2	308	539	3800	4300	NN 3028 K
	210	53	2	308	539	3800	4300	NN 3028
150	225	56	2.1	335	587	3600	4000	NN3030K
160	240	60	2.1	446	776	3400	3800	NN3032K
170	260	67	2.1	450	805	3000	3400	NN3034K
180	260	84	2.1	567	1130	2000	2600	NNU4936
190	260	69	2	485	1060	1900	2400	NNU 4938 K
200	280	80	2.1	480	1040	1900	2400	NN 4940K
	310	82	2.1	653	1170	2400	2800	NN3040K

Double row cylindrical roller bearings

de dos hileras, d 220-380mm



Boundary Dimension				Basic Load	Ratings	Limiting	Speeds	Rodamientos
d	D	B	r _{min}	Dynamic	Static	Grease	Oil	
220	340	90	3	815	1480	2200	2600	NN3044
	340	90	3	815	1480	2200	2600	NNU3044K
240	360	92	3	892	1610	1600	1900	NN 3048
260	360	100	2.1	785	1800	1400	1700	NN 4952 K
	360	100	2.1	785	1800	1400	1700	NNU 4952
	400	104	4	1030	1920	1500	1700	NN 3052 K
	400	104	4	1030	1920	1500	1700	NN 3052
280	380	100	2.1	760	1800	1300	1600	NNU4956
280	420	106	4	1110	2160	1800	2000	NN 3056 K
	420	106	4	1110	2160	1800	2000	NN 3056
300	460	118	4	1280	2430	1700	1900	NN 3060
	460	118	4	1280	2430	1700	1900	NN 3060 K
320	440	118	3	1110	2640	1100	1400	NN 4964 K
	440	118	3	1110	2640	1100	1400	NNU 4964 K
	480	121	4	1300	2600	1600	1800	NN 3064 K
	480	121	4	1570	2970	920	1200	NNU3064
340	460	118	3	1270	3250	1100	1300	NN 4968 K
	520	133	5	1670	3300	1100	1300	NN 3068 K
	520	133	5	1670	3300	1100	1300	NN 3068
360	480	118	3	1270	3250	1100	1300	NNU4972K
	540	134	5	1630	3240	1000	1200	NN 3072 K
380	540	180	4	2500	5690	900	1050	NNU4076
	560	135	5	1690	3450	940	1100	NN 3076
	560	135	5	1690	3450	940	1100	NN3076K

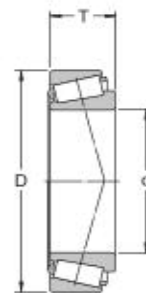


● Rodamientos de rodillos cónicos



Rodamientos de rodillos cónicos

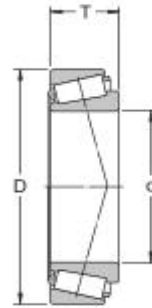
d 15-45mm



Boundary Dimensions			Basic Load	Ratings	Limiting	Speeds	Rodamientos
d	D	T	Dynamic	Static	Grease	Oil	
15	42	14.25	22.9	21.7	9000	13000	30302
17	40	13.25	20.7	22.2	9000	13000	30203
	47	15.25	27.5	28.3	8500	12000	30303
	47	20.25	35.4	36.6	8000	11000	32303
20	47	15.25	28.2	30.9	8000	11000	30204
	52	16.25	33.2	33.3	8000	11000	30304
	52	22.25	42.7	46.4	7500	10000	32304
25	52	16.25	33.7	39.4	7500	10000	30205
	52	19.25	39	48.8	7000	9500	32205
	62	18.25	40.7	46	5600	7500	31305
	62	18.25	47	48.3	6700	9000	30305
	62	25.25	61.7	68.9	6000	8000	32305
30	62	17.25	43.3	50.6	6300	8500	30206
	62	21.25	51.8	63.9	6300	8500	32206
	72	20.75	59	63.9	5600	7500	30306
	72	20.75	45	46	5000	6700	31306
	72	28.75	66.8	83.3	5300	7000	32306
35	62	18	42.3	53.7	6000	8000	32007
	65	18	41.359		6000	8000	30607
	72	18.25	54.2	63.7	5300	7000	30207
	72	24.25	70.6	89.7	5300	7000	32207
	72	28	82.6	102	5500	7000	33207
	80	22.75	75.4	83.6	5000	6700	30307
	80	22.75	60	64	4500	6000	31307
	80	32.75	99.1	119.7	4800	6300	32307
40	68	19	52.6	72.3	5300	7000	32008
	80	19.75	63	74.1	4800	6300	30208
	80	21.5	66	80	5300	6600	30608
	80	24.75	77.9	97.5	4800	6300	32208
	90	25.25	90.8	108.7	4500	6000	30308
	90	25.25	81.5	96.5	4000	5300	31308
	90	35.25	115.3	149	4000	5300	32308
45	85	20.75	67.6	84.4	4500	6000	30209
	85	24.75	80.3	105.1	4500	6000	32209
	85	32	113	147	4000	5300	33209
	100	27.25	108.7	131.2	4000	5300	30309

Rodamientos de rodillos cónicos

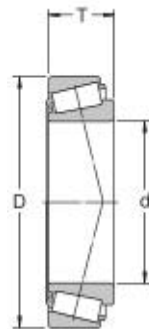
d 50-75mm



Boundary Dimensions			Basic Load	Ratings	Limiting	Speeds	Rodamientos
d	D	T	Dynamic	Static	Grease	Oil	
50	80	20	59.1	85	4500	6000	32010
	90	21.75	76.1	97.4	4300	5600	30210
	90	24.75	89.4	120	4300	5600	32210
	110	29.25	129.9	158.9	3600	4800	30310
	110	29.25	102	128	3200	4300	31310
	110	42.25	177.3	238.7	3200	4300	32310
55	90	23	75.4	122	4000	5300	32011
	95	30	105	148	3800	5000	33111
	100	22.75	90.9	115.7	3800	5000	30211
	100	26.75	107.5	143.8	3800	5000	32211
	100	35			3800	5000	33211
	120	31.5	129.9	158	2800	3800	31311
	120	31.5	153.1	189.7	3200	4300	30311
	120	45.5	202.8	274.3	3000	4000	32311
60	95	23	79.8	125	3800	5000	32012
	110	23.75	102.9	131.5	3400	4500	30212
	110	29.75	132.2	181.5	3400	4500	32212
	130	33.5	175	203	3000	4000	30312
	130	33.5	145.4	176.8	2600	3600	31312
	130	48.5	226.3	306.1	2600	3600	32312
65	100	23	84.5	131	3400	4500	32013
	110	34	125	202	3200	4300	33113
	120	24.75	120	154.2	3000	4000	30213
	120	32.75	163	212	3000	4000	32213
	120	41	184	257	2800	3800	33213
	140	36	195.7	244.4	2600	3600	30313
	140	36	165.7	202.6	2200	3200	31313
	140	51	259.3	353.6	2400	3400	32313
70	120	37	177	262	3000	4000	33114
	125	26.25	132	174.3	3000	4000	30214
	125	33.25	168.1	238	2800	3800	32214
	150	38	218.8	274.7	2400	3400	30314
	150	38	197	232	2000	3000	31314
	150	54	298.8	413.4	2200	3200	32314
75	130	27.25	137.7	186.9	2800	3800	30215
	130	33.25	169.5	244.1	2600	3600	32215
	160	40	219	259	1900	2800	31315

Rodamientos de rodillos cónicos

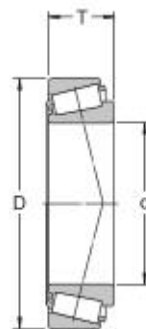
d 75-105mm



Boundary		Dimensions		Basic Load		Ratings		Limiting Speeds		Rodamientos
d	D	T		Dynamic	Static	Grease	Oil			
75	160	40		250.3	318.6	2200	3200	30315		
	160	58		358	472	2000	3000	32315		
	160	40		250.3	318.6	2200	3200	30315		
	160	58		358	472	2000	3000	32315		
80	110	20		72.8	123			32916		
	125	29		136	209	2600	3600	32016		
	140	28.25		160.1	213.6	2400	3400	30216		
	140			198	263	2600	3400	32216		
	140	35.25		198	280.1	2400	3400	32216		
	170	42.5		235	283	2000	2800	31316		
	170	42.5		286	343	2000	3000	30316		
	170	61.5		400	532	1900	2800	32316		
85	150	30.5		220	323	2200	3200	30217		
	150	38.5		272	409	2000	3000	32217		
	150	49		298	446			33217		
	180	44.5						30317		
85	180	44.5		266	320	1800	2600	31317		
	180	63.5		434	580	1800	2600	32317		
90	140	32		159	245	2200	3200	32018		
	160	32.5		199.7	270.5	2000	3000	30218		
	160	42.5		269.1	396.9	2000	3000	32218		
	190	46.5		341.7	445.7	1800	2600	30318		
	190	67.5		477.7	690.8	1700	2400	32318		
95	145	32		162	255	2200	3200	32019		
	160	47		251	420	3970	4970	30619		
	170	34.5		226.1	310.2	1900	2800	30219		
	170	45.5		313	443	1900	2800	32219		
	170	58				1900	2800	33219		
	200	49.5		368.6	483	1800	2600	30319		
	200	71.5		515.5	745.8	1700	2400	32319		
	100	150	32		165	265	2000	3000	32020	
180		37		253.3	351.6	1900	2800	30220		
180		49		340.2	513.7	1800	2600	32220		
180		63		410	635	1700	2400	33220		
215		51.5		406	532.3	1700	2400	30320		
215		77.5		599.5	881.9	1600	2200	32320		
105		160	35		194	311	1900	2800	32021	
	160	43		240	398	1900	2800	33021		
	190	39		284.6	400	1800	2600	30221		
	190	53		380.1	581.2	1800	2600	32221		
	225	53.5		432.6	568.1	1600	2200	30321		
	225	81.5		646.4	955.6	1500	2000	32321		

Rodamientos de rodillos cónicos

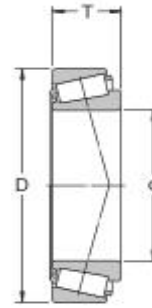
d 110-190mm



Boundary		Dimensions	Basic Load	Ratings	Limiting	Speeds	Rodamientos
d	D	T	Dynamic	Static	Grease	Oil	
110	170	38	202	354	1800	2800	32022
	170	47	266	464	1800	2800	33022
	200	41	314.1	445.1	1700	2400	30222
	200	56	430.7	668.6	1700	2400	32222
	240	54.5	471.6	619.1	1600	2200	30322
	240	84.5	722.8	1075.9	1400	1900	32322
120	180	38	230	394	1700	2400	32024
	180	48	283	514	1700	2400	33024
	215	43.5	335.8	487.2	1600	2200	30224
	215	61.5	492	741	1600	2200	32224
	260	59.5	562	754.3	1500	2000	30324
	260	90.5	824.8	1239.3	1300	1800	32324
130	200	45	316	528	1600	2200	32026
	230	43.75	364.3	525.6	1500	2000	30226
	230	67.75	561	855	1500	2000	32226
	280	63.75	639.3	864.5	1300	1800	30326
140	190	32	207	390	1600	2200	32928
	210	45	314	533	1600	2200	32028
	250	45.75	407.3	589.4	1400	1900	30228
	250	71.75	657	1020	1400	1900	32228
150	210		241	439	1500	2000	32930
	225	48	361	621	1500	2000	32030
	225		377	659	1400	2000	32030
	270	49	495	687	1300	1800	30230
	270	77	718	1191.4	1200	1700	32230
	300	67.75	721.8	985.5	1200	1700	30328
	320	115	1010	1580	950	1400	32330
160	240	51	420	740	1300	1800	32032
	290	52	556	774	1100	1600	30232
	290	84	852.6	1446.1	1000	1400	32232
170	260	57	473	815	1200	1700	32034
	360	127	1280	2080	850	1100	32334
180	280	64	611	1070	1100	1600	32036
	320	91	998.1	1727.3	950	1400	32236
190	260	45	335	699	1100	1600	32938
	290	64	605	1070	1000	1500	32038

Rodamientos de rodillos **cónicos**

d 190-240mm



Boundary Dimensions			Basic Load	Ratings	Limiting	Speeds	Rodamientos
d	D	T	Dynamic	Static	Grease	Oil	
190	340	97	1117	1919.5	900	1300	32238
200	310	70	703	1240	950	1400	32040
	360	104	1309.4	2203.8	900	1300	32240
220	340	76	885	1610	900	1300	32044
	400	72	810	1150	850	1200	30244
	400	114	1530	2565	800	1100	32244
	460	154	2130	3390	750	1000	32344
240	320	51	407	804	900	1300	32948
	360	76	709	1560	850	1200	32048
	440	127	1843	3183	750	1000	32248
	500	165	2660	4290	670	900	32348

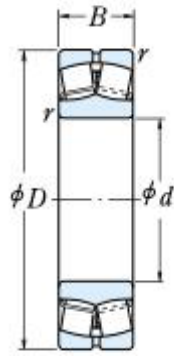


● Rodamientos de rodillos a rótula

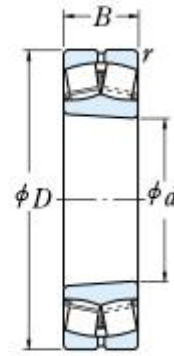


Rodamientos de rodillos a rótula

d 25-85mm



Cylindrical Bore

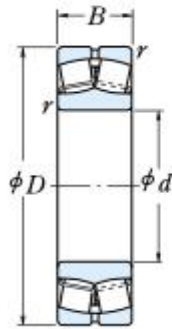


Tapered Bore

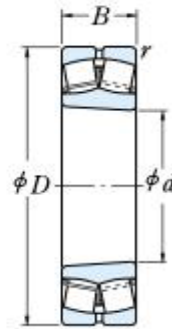
Boundary Dimensions				Basic Load	Ratings	Limiting	Speeds	Rodamientos	
d	D	B	r _{min}	Dynamic	Static	Grease	Oil	orificio cilíndrico	orificio cónico
25	52	18	1	36.1	36.6	8500	11000	22205	22205K
30	62	20	1	51.7	55	7500	9500	22206	22206K
35	72	23	1.1	68.9	72.5	6300	8000	22207	22207K
40	80	23	1.1	86.9	93.9	6000	7500	22208	22208K
	90	33	1.5	123	133	4500	5600	22308	22308K
45	85	23	1.1	86.7	101	5300	6700	22209	22209K
	100	36	1.5	141	154	3800	4800	22309	22309K
50	90	23	1.1	90.3	97	5000	6300	22210	22210K
	110	40	2	175	192	3300	4200	22310	22310K
55	100	25	1.5	109	130	4500	5600	22211	22211K
	120	43	2	210	243	3200	4000	22311	22311K
60	110	28	1.5	129	157	4000	5000	22212	22212K
	130	46	2.1	233	260	2900	3800	22312	22312K
65	120	31	1.5	144	178	3800	4800	22213	22213K
	140	33	2.1	203	242	3800	3600	21313	
	140	48	2.1	285	315	2600	3400	22313	22313K
70	125	31	1.5	163	207	3600	4500	22214	22214K
	150	35	2.1	216	276	2600	3400	21314	
	150	51	2.1	306	370	2400	3200	22314	22314K
75	130	31	1.5	162	212	3400	4300	22215	22215K
	160	55	2.1	350	427	2200	3000	22315	22315K
80	140	33	2	187	248	3200	4000	22216	22216K
	170	58	2.1	400	504	2000	2800	22316	22316K
85	150	36	2	204	262	3000	3800	22217	22217K
	180	60	3	426	512	1900	2600	22317	22317K

Rodamientos de rodillos a rótula

d 90-130mm



Cylindrical Bore

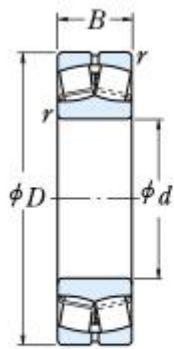


Tapered Bore

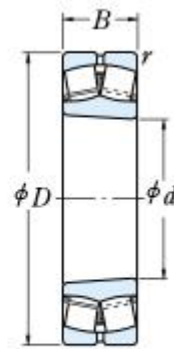
Boundary Dimensions				Basic Load	Ratings	Limiting	Speeds	Rodamientos	
d	D	B	r _{min}	Dynamic	Static	Grease	Oil	orificio cilíndrico	orificio cónico
90	140	50	1.5	265	440	2700	3500	24018	24018K
	160	40	2	257	340	2600	3400	22218	22218K
	160	40	2	250	334	2600	3400	22218	22218K
	160	52.4	2	305	434	1900	2600	23218	23218K
	190	64	3	494	636	1800	2400	22318	22318K
95	170	43	2.1	284	380	2400	3200	22219	22219K
	200	67	3	509	637	1700	2200	22319	22319K
100	180	46	2.1	331	441	2200	3000	22220	22220K
	180	60.3	2.1	420	605	1700	2200	23220	23220K
	215	73	3	623	792	1700	2200	22320	22320K
105	175	56	2	351	564	1900	2600	23121	23121K
110	170	45	2	293	465	2200	3000	23022	23022 K
	170	60	2	359	605	1700	2500	24022C	24022K
	180	56	2	365	562	1900	2600	23122	23122 K
	180	69	2	483	754	1600	2000	24122	24122K
	200	53	2.1	366	531	1900	2700	22222	22222K
	200	69.8	2.1	515	760	1600	2000	23222	23222K
	240	80	3	739	982	1600	2000	22322	22322K
	240	92.1	3	799	998	1400	1700	23322	23322K
120	180	46	2	315	527	1800	2500	23024	23024K
	180	60	2	395	686	1500	2000	24024	24024K
	200	62	2	410	660	1700	2300	23124	23124K
	200	80	2	561	919	1300	1700	24124	24124K
	215	58	2.1	495	689	1900	2600	22224	22224K
	215	76	2.1	595	910	1500	1900	23224	23224K
	260	86	3	842	1110	1400	1800	22324	22324K
	130	200	52	2	400	655	1700	2300	23026
210		64	2	499	777	1600	2200	23126	23126K
210		80	2	633	1070	1300	1700	24126	24126K
230		64	3	552	786	1700	2300	22226	22226K
230		80	3	700	1080	1300	1700	23226	23226K
280		93	4	836	1090	1200	1600	22326	22326K

Rodamientos de rodillos a rótula

d 140-190mm



Cylindrical Bore

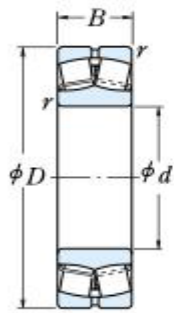


Tapered Bore

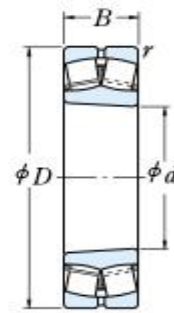
Boundary Dimensions				Basic Load	Ratings	Limiting	Speeds	Rodamientos	
d	D	B	r _{min}	Dynamic	Static	Grease	Oil	orificio cilíndrico	orificio cónico
140	210	53	2	395	705	1600	2100	23028	23028K
	210	69	2	530	910	1400	1800	24028	24028K
	225	68	2.1	560	925	1500	1800	23128	23128K
	225	85	2.1	620	1060	1100	1500	24128	24128K
	250	68	3	642	931	1700	2200	22228	22228K
	250	88	3	835	1300	1200	1600	23228	23228K
	300	102	4	1120	1550	1100	1500	22328	22328K
150	225	56	2.1	407	725	1500	1900	23030	23030K
	250	80	2.1	683	1170	1300	1600	23130	23130K
	250	100	2.1	861	1420	900	1300	24130	24130K
	270	73	3	736	1030	1500	1900	22230	22230K
	270	96	3	907	1350	1100	1500	23230	23230K
	320	108	4	1210	1660	1000	1400	22330	22330K
	160	240	60	2.1	495	875	1500	1900	23032
240		80	2.1	660	1220	1100	1500	24032	24032K
270		86	2.1	820	1200	1200	1600	23132	23132K
270		109	2.1	1070	1750	950	1300	24132	24132K
290		80	3	850	1230	1400	1800	22232	22232K
290		104	3	1020	1550	900	1300	23232	23232K
340		114	4	1340	1840	930	1200	22332	22332K
170	260	67	2.1	640	1040	1400	1800	23034	23034 K
	260	90	2.1	778	1310	1000	1400	24034	24034K
	310	86	4	981	1390	1200	1600	22234	22234K
	310	110	4	1200	1900	950	1300	23234	23234K
	360	120	4	1500	2140	930	1200	22334	22334K
180	280	74	2.1	710	1210	1300	1600	23036	23036K
	280	100	2.1	930	1610	900	1200	24036	24036K
	300	96	3	987	1720	1000	1400	23136	23136K
	300	118	3	1170	1930	900	1200	24136	24136K
	320	86	4	995	1510	1200	1600	22236	22236K
	320	112	4	1310	2090	900	1200	23236	23236K
	380	126	4	1650	2330	900	1200	22336	22336K
190	290	75	2.1	800	1500	1200	1500	23038	23038 K
	290	100	2.1	938	1690	950	1300	24038	24038K
	320	104	3	1050	1760	950	1300	23138	23138K

Rodamientos de rodillos a rótula

d 190-280mm



Cylindrical Bore

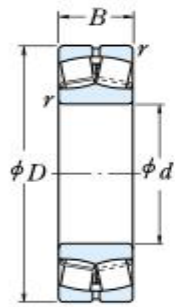


Tapered Bore

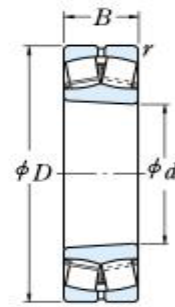
Boundary Dimensions				Basic Load	Ratings	Limiting	Speeds	Rodamientos	
d	D	B	r _{min}	Dynamic	Static	Grease	Oil	orificio cilíndrico	orificio cónico
190	320	128	3	1290	2250	850	1100	24138	24138K
	340	92	4	1140	1730	1200	1600	22238	22238K
	340	120	4	1490	2380	850	1100	23238	23238K
	400	132	5	1850	2590	850	1100	22338	22338K
200	310	82	2.1	870	1510	1100	1400	23040	23040K
	340	112	3	1230	2240	850	1200	23140	23140K
	340	140	3	1660	2810	800	1000	24140	24140K
	360	98	4	1210	1870	1100	1500	22240	22240K
	360	128	4	1490	2370	800	1000	23240	23240K
200	420	138	5	1900	2800	850	1100	22340	22340K
220	370	120	4	1530	2640	900	1200	23044	23044K
	370	120	4	1540	2650	850	1100	23144	23144K
	400	108	4	1570	2430	950	1300	24144	24144K
	400	108	4	1570	2430	950	1300	22244	22244K
	460	145	5	2130	3170	750	950	23244	23244 K
240	360	118	3	1320	2610	800	1000	23048	23048K
	400	128	4	1870	3000	850	1100	24048	24048K
	400	128	4	1800	2950	850	1100	23148	23148K
	440	120	4	1720	2700	900	1200	24148	24148K
	440	160	4	2280	3870	670	850	22248	22248K
	500	155	5	2400	3600	670	850	23248	23248K
								22348	22348K
260	400	140	4	1700	3260	700	900	23052	23052K
	440	144	4	2550	3900	800	1000	23152	23152K
	440	180	4	2470	4320	600	750	24152	24152K
	440	180	4	2350	4320	600	750	24152	24152K
	480	174	5	2800	4100	560	720	22252	22252K
	490	153	4	2420	3940	760	1050	23252	23252K
280	420	106	4	1540	2950	800	1000	23056	23056K
	420	140	4	1780	3500	670	850	24056	24056K
	460	146	5	2070	3960	750	950	23156	23156K
	460	180	5	2400	4590	560	700	24156	24156K
	500	130	5	2110	3370	800	1000	22256	22256K
	500	176	5	2560	4350	600	750	23256	23256 K
	580	175	6	3180	4970	600	750	22356	22356K

Rodamientos de rodillos a rótula

d 280-380mm



Cylindrical Bore

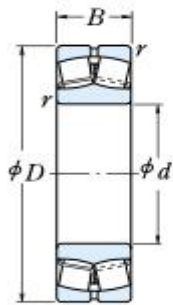


Tapered Bore

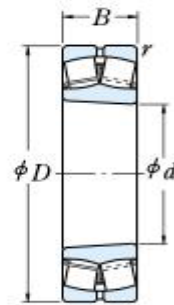
Boundary Dimensions				Basic Load	Ratings	Limiting	Speeds	Rodamientos	
d	D	B	r _{min}	Dynamic	Static	Grease	Oil	orificio cilíndrico	orificio cónico
280	420	140	4	1780	3500	670	850	24056CA/W33	24056K
	460	146	5	2070	3960	750	950	23156	23156K
	460	180	5	2400	4590	560	700	24156/W33	24156K
	500	130	5	2110	3370	800	1000	22256	22256K
	500	176	5	2560	4350	600	750	23256	23256 K
	580	175	6	3180	4970	600	750	22356	22356K
300	420	90	3	1260	2460	950	1300	23960	23960K
	460	118	4	2090	3370	800	1000	23060	23060K
	460	160	4	2430	4490	600	750	24060	24060K
	500	160	5	2880	4640	670	850	23160	23160K
	500	200	5	3120	5650	500	600	24160	24160K
	540	140	5	2480	3820	700	900	22260	22260K
320	440	90	3	1290	2430	900	1200	23964	23964K
	480	121	4	2020	3580	800	1000	23064	23064K
	480	160	4	2570	5060	680	850	24064	24064K
	540	176	5	3390	5538	630	800	23164	23164K
	540	218	5	3470	6430	480	600	24164	24164K
	580	208	5	3500	6360	500	630	23264	23264
340	460	90	3	1310	2520	880	1180	23968	23968
	520	133	5	2430	4350	680	880	23068	23068
	520	180	5	2920	5580	510	650	24068	24068
	580	190	5	3830	6240	600	750	23168	23168K
	580	243	5	4180	7720	450	560	24168	24168K
	360	480	90	3	1330	2710	850	1100	23972
540		134	5	2480	4500	670	850	23072	23072K
540		180	5	3460	6350	500	630	24072	24072K
600		192	5	3400	6700	560	700	23172	23172K
600		243	5	4400	8370	430	530	24172	24172K
650		232	6	4520	7930	420	510	23272	23272K
750		224	7.5	4900	7500	450	550	22372	22372K
380		520	106	4	1760	3420	800	1000	23976
	560	135	5	2280	4550	630	800	23076	23076 K
	560	180	5	3240	6460	480	600	24076	24076K
	620	194	5	3450	6800	400	500	23176	23176 K
	780	230	7.5	5340	8390	340	430	22376	22376K

Rodamientos de rodillos a rótula

d 400-710mm



Cylindrical Bore

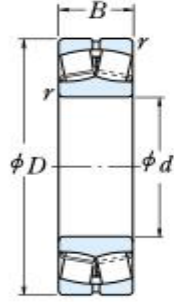


Tapered Bore

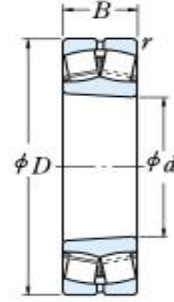
Boundary Dimensions				Basic Load	Ratings	Limiting	Speeds	Rodamientos	
d	D	B	r _{min}	Dynamic	Static	Grease	Oil	orificio cilíndrico	orificio cónico
400	600	148	5	2520	5450	540	670	23080	23080K
	650	200	6	3850	7540	380	480	23180	23180K
	720	256	6	5300	10100	340	430	23280	23280 K
	720	315	6	6620	10400	310	390	24280	24280K
	820	243	7.5	5900	9360	360	450	22380	22380K
420	620	150	5	2690	5750	450	560	23084	24084K
	700	224	6	4850	9300	360	450	23184	23184K
	700	280	6	5700	11300	300	380	24184	24184K
	760	272	7.5	6450	11700	320	400	23284	23284K
440	600	118	4	2120	4570	550	700	23988	
	650	157	6	2900	6050	430	530	23088	23088K
	720	226	6	4910	9600	340	430	23188	23188K
	720	280	6	5900	11900	280	360	24188	24188K
494	670	128	5	2440	6060	400	500	239/494	239/494K
500	670	128	5	2440	6060	400	500	239/500	239/500K
	720	167	6	3500	7600	380	480	230/500	230/500
530	780	185	6	3930	8550	340	430	230/530	230/530K
	980	355	9.5	9960	18500	240	320	232/530	232/530K
560	750	140	5	3150	7220	420	580	239/560	
	820	195	6	4460	10020	300	380	230/560	230/560K
	820	258	6	6160	14000	340	420	240/560	
	920	280	7.5	7990	16000	240	320	231/560	231/560
	920	355	7.5	9450	19500	190	260	241/560	241/560
600	870	200	6	4810	11000	300	380	230/600	230/600K
	980	375	7.5	10400	21300	180	240	241/600	241/600
630	920	212	7.5	5360	12200	260	340	230/630	230/630K
670	900	170	6	4130	9840	260	340	239/670	239/670K
	980	230	7.5	6240	13700	240	320	230/670	230/670K
	980	308	7.5	8440	19700	220	300	240/670	
	1090	412	7.5	12500	26900	210	280	241/670	
	1220	438	12	15500	30200	190	250	232/670	
710	950	180	6	4290	10900	240	320	239/710	239/710K

Rodamientos de rodillos a rótula

d 710-1180mm



Cylindrical Bore



Tapered Bore

Boundary Dimensions				Basic Load Dynamic	Ratings Static	Limiting Speeds		Rodamientos	
d	D	B	r _{min}			Grease	Oil	orificio cilíndrico	orificio cónico
710	1030	236	7.5	6530	15130	220	300	230/710	230/710K
	1030	315	7.5	8890	20700	210	290	240/710CA	
	1150	438	9.5	13700	29940	150	190	241/710	241/710
750	1090	250	7.5	7890	17600	200	280	230/750	230/750K
	1090	335	7.5	9340	22300	190	240	240/750	
	1360	475	15	18500	35700	150	210	232/750	
800	1060	258	6	7170	19030	200	280	249/800	249/800K
	1150	258	7.5	8630	20000	190	260	230/800	230/800
	1150	345	7.5	10000	25700	170	220	240/800	240/800
850	1030	136	5	3640	10300	170	210	238/850	
	1120	200	6	6100	15800	190	260	239/850	239/850K
	1220	272	7.5	9050	21100	180	240	230/850	230/850K
	1220	365	7.5	10000	26000	160	200	240/850	240/850K
	1220	365	7.5	11700	28900	160	200	240/850	
900	1280	375	7.5	12200	31100	150	190	240/900	240/900K
1000	1420	308	7.5	12000	29000	190	250	230/1000	
	1420	412	7.5	15000	40000	120	160	240/1000	240/1000K
	1580	580	12	24500	56700	110	150	241/1000	
1120	1580	345	12	14400	34800	90	120	230/1120	
	1580	462	9.5	18500	48000	100	140	240/1120	
1180	1540	272	7.5	10400	27700	100	140	239/1180	
	1660	355	9.5	15500	38400	90	120	230/1180	230/1180K

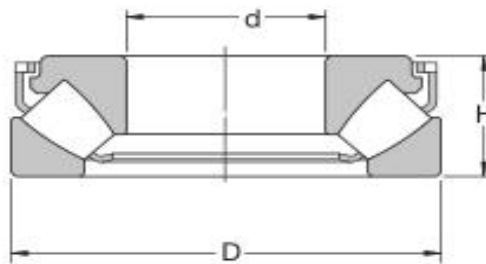


● Rodamientos axiales de rodillos



Rodamientos axiales de rodillos

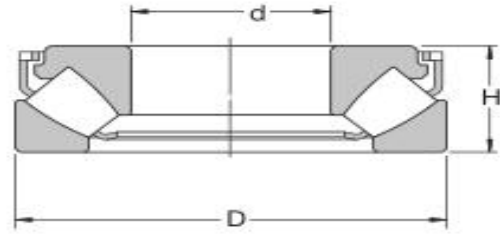
d 60-440mm



Boundary		Dimensions		Basic Load	Ratings	Rodamientos
d	D	H	r _{min}	Dynamic	Static	
60	130	42	1.5	390	915	29412
65	140	45	2	455	1080	29413
70	150	48	2	520	1250	29414
75	160	51	2	600	1430	29415
80	170	54	2.1	670	1630	29416
85	180	58	2.1	735	1800	29417
90	190	60	1.5	815	2000	29418
100	210	67	3	980	2500	29420
110	230	73	3	1180	3000	29422
120	250	78	4	1370	3450	29424
130	270	85	4	1560	4050	29426
140	280	85	4	1630	4300	29428
150	300	90	4	1860	5100	29430
160	320	95	5	2080	5600	29432
170	340	103	5	2360	6550	29434
180	360	109	5	2600	7350	29436
190	380	115	5	2850	8000	29438
200	400	122	5	3200	9000	29440
220	420	122	6	3350	9650	29444
240	440	122	6	3400	10200	29448
260	480	132	6	4050	12900	29452
280	520	145	6	4900	15300	29456
300	540	145	6	4310	16600	29460
320	580	155	7.5	4950	19000	29464
340	620	170	7.5	5750	22400	29468
360	640	170	7.5	5350	21200	29472
380	670	175	7.5	5870	24000	29476
400	710	185	7.5	6560	26500	29480
420	730	185	7.5	6730	27500	29484
440	780	206	9.5	7820	32000	29488
460	800	206	9.5	7990	33500	29492
480	850	224	9.5	9550	39000	29496
220	300	480	2	690	3000	29244
240	340	60	2.1	799	3450	29248
260	360	60	2.1	817	3650	29252
280	380	60	2.1	863	4000	29256
300	420	73	3	1070	4800	29260
320	440	73	3	1110	5100	29264
340	460	73	3	1130	5400	29268
360	500	85	4	1460	6800	29272
380	520	85	4	1580	7650	29276
400	540	85	4	1610	8000	29280
420	580	95	5	1990	9800	29284
440	600	95	5	2070	10400	29288

Rodamientos axiales de rodillos

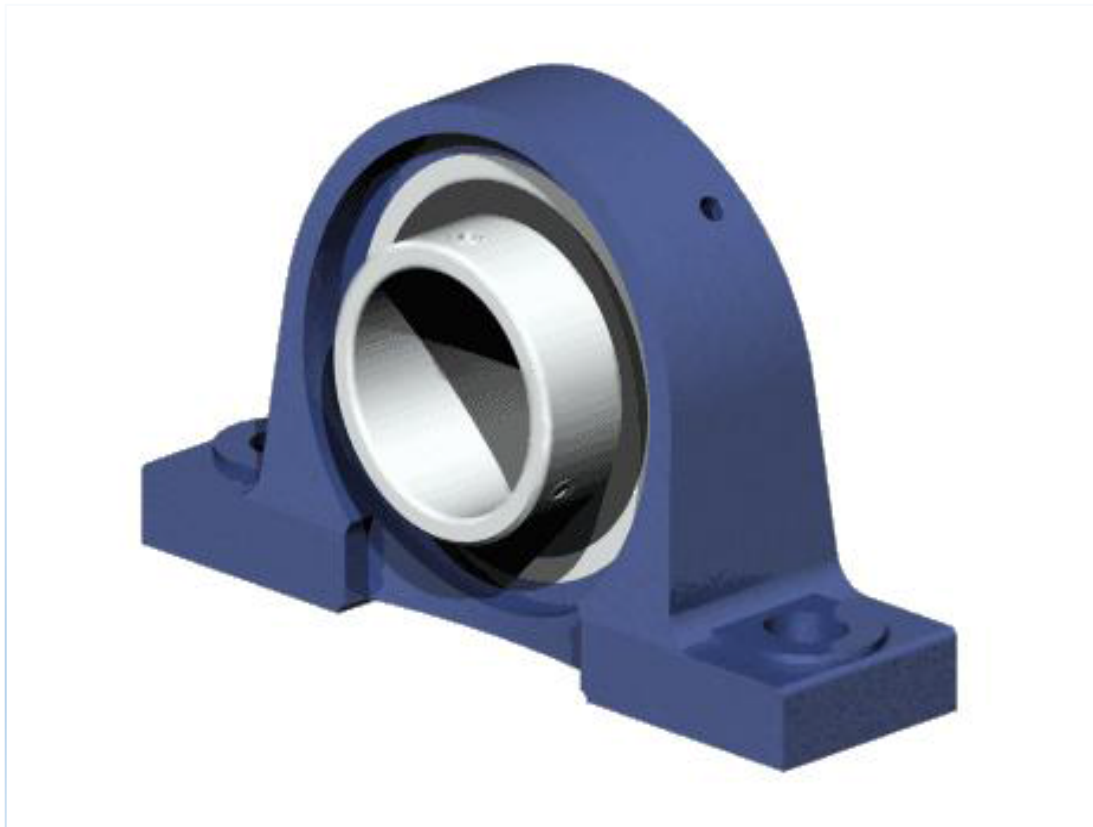
d 460-480mm



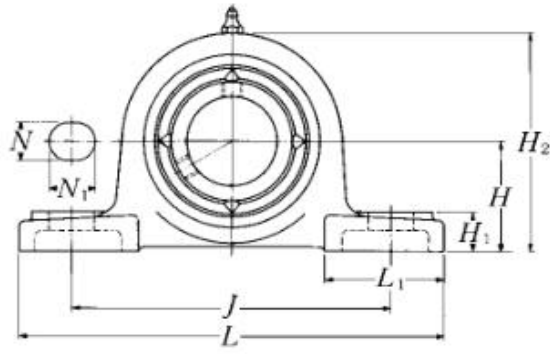
Boundary		Dimensions		Basic Load	Ratings	Rodamientos
d	D	H	r _{min}	Dynamic	Static	
460	620	95	5	2070	10600	29292
90	155	39	1.5	400	1080	29318
100	170	42	1.5	465	1290	29320
110	190	48	2	610	1730	29322
120	210	54	2.1	765	2120	29324
130	225	58	2.1	865	2500	29326
140	240	60	2.1	980	2850	29328
150	250	60	2.1	1000	2850	29330
160	270	67	3	1180	3450	29332
170	280	67	3	1200	3550	29334
180	300	73	3	1430	4300	29336
190	320	78	4	1630	4750	29338
200	340	85	4	1860	5500	29340
220	360	85	4	2000	6300	29344
240	380	85	4	2040	6550	29348
260	420	95	5	2550	8300	29352
280	440	95	5	2550	8650	29356
300	480	109	5	3100	10600	29360
320	500	109	5	3350	11200	29364
340	540	122	5	2710	11000	29368
360	560	122	5	2760	11600	29372
380	600	132	6	3340	14000	29376
400	6320	132	6	3450	14600	29380
420	650	140	6	3740	16000	29384
440	680	145	6	4490	19300	29388
460	710	150	6	4310	19000	29392
480	730	150	6	4370	19600	29396



● Unidades de rodamientos de bolas

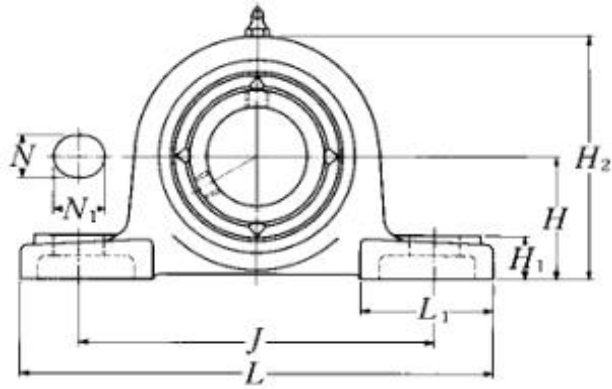


Unidades de rodamientos de bolas



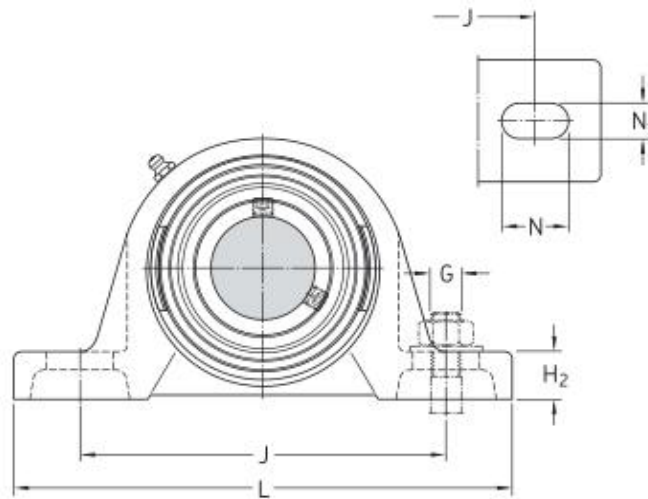
		Boundary		Dimensiones		Mass	Chumacera
d	L	H	C (kN)	Co (kN)	kg		
12	127	33.3	12.8	6.65	0.7		UCP201
15	127	33.3	12.8	6.65	0.7		UCP202
17	127	33.3	12.8	6.65	0.7		UCP203
20	127	33.3	12.8	6.65	0.7		UCP204
25	140	36.5	14	7.88	0.8		UCP205
30	165	42.9	19.5	11.2	1.4		UCP206
35	167	47.6	25.7	15.2	1.8		UCP207
40	184	49.2	29.6	18.2	2.1		UCP208
45	190	54	31.85	20.8	2.4		UCP209
50	206	57.2	35.1	23.2	3		UCP210
55	219	63.5	43.55	29.2	3.7		UCP211
60	241	69.8	52.5	32.8	5		UCP212
65	265	76.2	57.2	40	6.1		UCP213
70	266	79.4	62	45	6.6		UCP214
75	275	82.6	66	49.5	7.3		UCP215
80	292	88.9	72.5	54.2	8.9		UCP216
85	310	95.2	83.2	63.8	10.8		UCP217
90	327	101.6	96	71.5	13.5		UCP218

Unidades de rodamientos de bolas



Boundary		Dimensiones			Mass	Chumacera
d	L	H	C (kN)	Co (kN)	kg	
25	175	45	22.36	11.5	1.4	UCP305
30	180	50	27	15.2	1.9	UCP306
35	210	56	33.5	19.2	2.6	UCP307
40	220	60	40.56	24	3.3	UCP308
45	245	67	53	31.8	4.6	UCP309
50	275	75	62	37.8	6.1	UCP310
55	310	80	71.5	44.8	7.6	UCP311
60	330	85	81.6	51.8	9.5	UCP312
65	340	90	93.86	60.5	11.2	UCP313
70	360	95	104.26	68	13.1	UCP314
75	380	100	113.36	76.8	15.2	UCP315
80	400	106	122.85	86.5	19	UCP316
85	420	112	132.6	96.5	21.4	UCP317
90	430	118	143	108	25.1	UCP318
95	470	125	156	122	30.5	UCP319
100	490	140	171.6	140	38.1	UCP320
105	490	140	182	155	38.5	UCP321
110	520	150	205	178	47.9	UCP322
120	570	160	228	208	58.8	UCP324
130	600	180	252	242	75	UCP326
140	620	200	275	272	90.4	UCP328

Unidades de rodamientos de bolas



Chumacera	Bearing housing	Rolling bearing	d	Bearing housing width (mm)	Bearing housing height (mm)	Bore height	Bearing housing length (mm)	Mass(kg)
SY 12 TF	SY 503 M	YAR 203/12-2F	12	32	57	30.2	127	0.52
SY 15 TF	SY 503 M	YAR 203/15-2F	15	32	57	30.2	127	0.51
SY 17 TF	SY 503 M	YAR 203-2F	17	32	57	30.2	127	0.5
SY 3/4 TF	SY 504 M	YAR 204-012-2F	19.05	32	65	33.3	127	0.57
SY 20 TF	SY 504 M	YAR 204-2F	20	32	65	33.3	127	0.57
SY 25 TF	SY 505 M	YAR 205-2F	25	36	70.5	36.5	130	0.72
SY 1. TF	SY 505 M	YAR 205-100-2F	25.4	36	70.5	36.5	130	0.72
SY 30 TF	SY 506 M	YAR 206-2F	30	40	82.5	42.9	152	1.1
SY1.1/4 TF	SY 507 M	YAR 207-104-2F	31.75	45	93	47.6	160	1.5
SY 35 TF	SY 507 M	YAR 207-2F	35	45	93	47.6	160	1.45
SY1.1/2 TF	SY 508 M	YAR 208-108-2F	38.1	48	99	49.2	175	1.8
SY 40 TF	SY 508 M	YAR 208-2F	40	48	99	49.2	175	1.8
SY1.3/4 TF	SY 509 M	YAR 209-112-2F	44.45	48	107.5	54	187	2.2
SY 45 TF	SY 509 M	YAR 209-2F	45	48	107.5	54	187	2.2
SY 50 TF	SY 510 M	YAR 210-2F	50	54	114.5	57.2	203	2.7
SY 2. TF	SY 511M	YAR 211-200-2F	50.8	60	126	63.5	219	3.6
SY 55 TF	SY 511 M	YAR 211-2F	55	60	126	63.5	219	3.6
SY 60 TF	SY 512 M	YAR 212-2F	60	60	138	69.9	240	4.45
SY2.1/2 TF	SY 513 M	YAR 213-208-2F	63.5	65	151	76.2	257	5.7
SY 65 TF	SY 513 M	YAR 213-2F	65	65	151	76.2	257	5.7