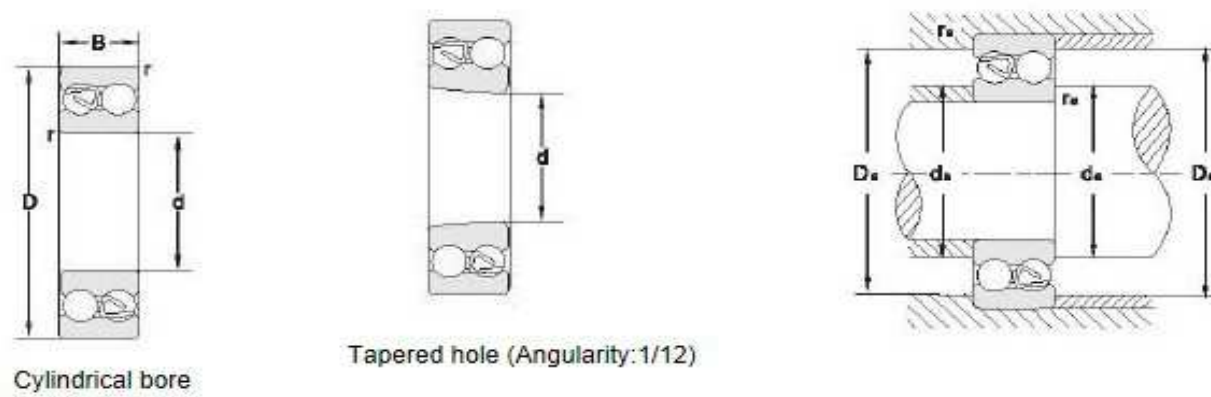


ROLAMENTO AUTOCOMPENSADOR DE ESFERA



Main Dimensions (mm)				Model				Basic Dynamic Load Ratings C(N)	Basic Static Load Ratings Co(N)	Permissible Revolutions(rpm)		Axial load coefficient		Constante	Thrust coefficient Yo	Assembly Dimensions(mm)			Reference Weight (Kg)
d	D	B	r (Min)	Cylindrical bore	Tapered hole	Sealed cylindrical bore	Sealed tapered hole			Grease Lubrication	Oil lubrication	Y ₁	Y ₂			da (Min)	Da (Max)	ra (Max)	
5	19	6	0.3	135	-	-	-	2580	490	32000	38000	1.9	3.0	0.33	2.0	7	17	0.3	0.009
6	19	6	0.3	126	-	-	-	2580	490	32000	38000	1.9	3.0	0.33	2.0	8	17	0.3	0.009
7	22	7	0.3	127	-	-	-	2800	610	30000	36000	1.9	3.0	0.33	2.0	9	20	0.3	0.014
8	22	7	0.3	108	-	-	-	2800	610	30000	36000	1.9	3.0	0.33	2.0	10	20	0.3	0.014
9	26	8	0.6	129	-	-	-	4250	910	26000	32000	1.9	3.0	0.33	2.0	13	22	0.6	0.022
10	30	9	0.6	1200	-	-	-	5450	1190	21000	24000	2.0	3.1	0.32	2.0	15	25	0.6	0.034
10	30	14	0.6	2200	-	2200-2RS	-	7250	1590	19000	23000	1.0	1.5	0.64	1.3	15	25	0.6	0.047
10	35	11	0.6	1300	-	-	-	7250	1610	18000	21000	1.8	2.7	0.36	1.9	15	30	0.6	0.058
10	35	17	0.6	2300	-	2300-2RS	-	11000	2460	17000	20000	0.9	1.5	0.66	1.1	15	30	0.6	0.083
12	32	10	0.6	1201	-	-	-	5600	1270	18000	22000	1.8	2.7	0.36	2.0	17	27	0.6	0.040
12	32	14	0.6	2201	-	2201-2RS	-	7550	1730	17000	20000	1.1	1.7	0.58	1.3	17	27	0.6	0.053
12	37	12	1.0	1301	-	-	-	9450	2160	16000	18000	1.8	2.8	0.34	1.8	18	31	1.0	0.067
12	37	17	1.0	2301	-	2301-2RS	-	11800	2710	15000	17000	1.0	1.6	0.61	1.1	18	31	1.0	0.095
15	35	11	0.6	1202	-	-	-	7450	1740	16000	19000	1.9	2.9	0.34	2.0	20	30	0.6	0.049
15	35	14	0.6	2202	-	2202-2RS	-	7700	1840	15000	18000	1.2	1.9	0.51	1.6	20	30	0.6	0.060
15	42	13	1.0	1302	-	-	-	9550	2290	13000	16000	1.9	2.9	0.33	2.2	21	36	1.0	0.094
15	42	17	1.0	2302	-	2302-2RS	-	12000	2880	13000	15000	1.2	1.9	0.51	1.3	21	36	1.0	0.114
17	40	12	0.6	1203	-	-	-	7900	2010	14000	17000	2.0	3.1	0.31	2.2	22	35	0.6	0.073
17	40	16	0.6	2203	-	2203-2RS	-	9800	2410	13000	16000	1.2	1.9	0.51	1.6	22	35	0.6	0.088
17	47	14	1.0	1303	-	-	-	12600	3200	12000	14000	2.0	3.0	0.32	2.2	23	41	1.0	0.130
17	47	19	1.0	2303	-	2303-2RS	-	14400	3550	11000	14000	1.2	1.9	0.52	1.3	23	41	1.0	0.158

Main Dimensions (mm)				Model				Basic Dynamic Load Ratings C(N)	Basic Static Load Ratings Co(N)	Permissible Revolutions(rpm)		Axial load coefficient		Constante	Thrust coefficient Yo	Assembly Dimensions(mm)			Reference Weight (Kg)
d	D	B	r	Cylindrical bore	Tapered hole	Sealed cylindrical bore	Sealed tapered hole			Grease Lubrication	Oil lubrication	Y ₁	Y ₂			d _a (Min)	D _a (Max)	r _a (Max)	
			(Min)																
20	47	14	1.0	1204	1204K	-	-	9900	2610	13000	15000	2.2	3.4	0.29	2.2	26	41	1.0	0.120
20	47	18	1.0	2204	2204K	2204-2RS	-	12600	3300	12000	14000	1.3	2.0	0.49	1.6	26	41	1.0	0.140
20	52	15	1.1	1304	1304K	-	-	12400	3300	11000	13000	2.2	3.4	0.29	2.5	27	45	1.0	0.163
20	52	21	1.1	2304	2304K	2304-2RS	-	18100	4700	10000	12000	1.2	1.9	0.51	1.3	27	45	1.0	0.209
25	52	15	1.0	1205	1205K	-	-	12100	3300	11000	13000	2.3	3.5	0.28	2.5	31	46	1.0	0.140
25	52	18	1.0	2205	2205K	2205-2RS	2205-2RSK	12500	3450	10000	12000	1.5	2.3	0.42	1.8	31	46	1.0	0.163
25	62	17	1.1	1305	1305K	-	-	18000	5000	9100	11000	2.3	3.5	0.28	2.5	32	55	1.0	0.257
25	62	24	1.1	2305	2305K	2305-2RS	-	24400	6600	8500	10000	1.3	2.1	0.47	1.4	32	55	1.0	0.335
30	62	16	1.0	1206	1206K	-	-	15700	4650	9200	11000	2.6	4.0	0.24	2.5	36	56	1.0	0.220
30	62	20	1.0	2206	2206K	2206-2RS	2206-2RSK	15300	4500	8600	10000	1.6	2.5	0.39	2.0	36	56	1.0	0.260
30	72	19	1.1	1306	1306K	-	-	21300	6300	7700	9100	2.4	3.7	0.27	2.5	37	65	1.0	0.387
30	72	27	1.1	2306	2306K	2306-2RS	-	31500	8750	7200	8500	1.4	2.2	0.44	1.4	37	65	1.0	0.500
30	90	28	1.5	1406	-	-	-	59200	17000	6700	8000	1.6	2.4	0.40	2.8	38	82	1.5	1.000
35	72	17	1.1	1207	1207K	-	-	15800	5100	8000	9400	2.7	4.1	0.24	2.8	42	65	1.0	0.323
35	72	23	1.1	2207	2207K	2207-2RS	2207-2RSK	21600	6600	7500	8800	1.7	2.6	0.37	2.2	42	65	1.0	0.403
35	80	21	1.5	1307	1307K	-	-	25100	7850	6800	8000	2.5	3.8	0.26	2.5	44	71	1.5	0.510
35	80	31	1.5	2307	2307K	2307-2RS	-	39500	11200	6300	7400	1.4	2.1	0.46	1.4	44	71	1.5	0.675
35	100	30	1.5	1407	-	-	-	62400	18000	6300	7500	1.7	2.6	0.37	2.5	43	92	1.5	1.300
40	80	18	1.1	1208	1208K	-	-	19200	6500	7100	8400	2.8	4.4	0.22	2.8	47	73	1.0	0.417
40	80	23	1.1	2208	2208K	2208-2RS	2208-2RSK	22400	7350	6700	7900	1.9	2.9	0.34	2.5	47	73	1.0	0.505
40	90	23	1.5	1308	1308K	-	-	29500	9650	6000	7000	2.6	4.0	0.24	2.8	49	81	1.5	0.715
40	90	33	1.5	2308	2308K	2308-2RS	-	45000	13500	5600	6600	1.5	2.3	0.43	1.6	49	81	1.5	0.925
40	110	33	2.0	1408	-	-	-	76100	23600	5300	6300	1.8	2.8	0.35	2.8	49	101	2.0	1.700
45	85	19	1.1	1209	1209K	-	-	21900	7350	6400	7500	3.0	4.6	0.21	3.2	52	78	1.0	0.465
45	85	23	1.1	2209	2209K	2209-2RS	2209-2RSK	23300	8150	6000	7100	2.1	3.2	0.31	2.5	52	78	1.0	0.545
45	100	25	1.5	1309	1309K	-	-	38000	12700	5400	6300	2.5	3.9	0.25	2.8	54	91	1.5	0.957
45	100	36	1.5	2309	2309K	2309-2RS	-	54000	16700	5000	5900	1.5	2.4	0.41	2.0	54	91	1.5	1.230
45	120	35	2.0	1409	-	-	-	88400	27500	5000	6000	1.8	2.8	0.35	1.6	54	111	2.0	2.150
50	90	20	1.1	1210	1210K	-	-	22700	8100	5800	6800	3.1	4.7	0.21	3.2	57	83	1.0	0.525
50	90	23	1.1	2210	2210K	2210-2RS	2210-2RSK	23300	8450	5500	6400	2.2	3.4	0.29	2.8	57	83	1.0	0.590

Main Dimensions (mm)				Model				Basic Dynamic Load Ratings C(N)	Basic Static Load Ratings Co(N)	Permissible Revolutions(rpm)		Axial load coefficient		Constante	Thrust coefficient Yo	Assembly Dimensions(mm)			Reference Weight (Kg)
d	D	B	r	Cylindrical bore	Tapered hole	Sealed cylindrical bore	Sealed tapered hole			Grease Lubrication	Oil lubrication	Y ₁	Y ₂			d _a (Min)	D _a (Max)	r _a (Max)	
			(Min)																
50	110	27	2.0	1310	1310K	-	-	43500	14000	4900	5800	2.7	4.2	0.23	2.8	60	100	2.0	1.210
50	110	40	2.0	2310	2310K	2310-2RS	-	64500	20100	4600	5400	1.5	2.3	0.42	1.6	60	100	2.0	1.640
50	130	37	2.1	1410	-	-	-	101000	32000	4800	5600	1.8	2.8	0.35	3.5	61	119	2.0	2.650
55	100	21	1.5	1211	1211K	-	-	26500	9950	5300	6200	3.1	4.8	0.20	3.3	64	91	1.5	0.705
55	100	25	1.5	2211	2211K	2211-2RS	2211-2RSK	26500	9900	5000	5800	2.2	3.5	0.28	2.5	64	91	1.5	0.810
55	120	29	2.0	1311	1311K	-	-	51500	17800	4500	5200	2.7	4.2	0.23	2.8	65	110	2.0	1.580
55	120	43	2.0	2311	2311K	2311-2RS	-	75500	24000	4200	4900	1.5	2.4	0.41	1.6	65	110	2.0	2.100
55	140	40	2.1	1411	-	-	-	111000	36500	4300	5000	1.9	3.0	0.33	2.4	66	129	2.0	3.250
60	110	22	1.5	1212	1212K	-	-	30000	11500	4900	5800	3.3	5.2	0.19	3.5	69	101	1.5	0.900
60	110	28	1.5	2212	2212K	2212-2RS	-	34000	12600	4600	5400	2.2	3.5	0.28	2.4	69	101	1.5	1.090
60	130	31	2.1	1312	1312K	-	-	57000	20800	4100	4800	2.8	4.4	0.22	3.0	72	118	2.0	1.960
60	130	46	2.1	2312	2312K	2312-2RS	-	87000	28200	3800	4500	1.6	2.3	0.43	1.7	72	118	2.0	2.600
60	150	42	2.1	1412	-	-	-	125000	41500	3800	4500	1.9	3.0	0.33	3.0	71	139	2.0	3.950
65	120	23	1.5	1213	1213K	-	-	31000	12500	4500	5300	3.7	5.7	0.17	3.8	74	111	1.5	1.150
65	120	31	1.5	2213	2213K	2213-2RS	-	45500	16700	4200	5000	2.3	3.5	0.28	2.4	74	111	1.5	1.460
65	140	33	2.1	1313	1313K	-	-	62000	22800	3800	4500	2.8	4.3	0.23	2.9	77	128	2.0	2.450
65	140	48	2.1	2313	2313K	2313-2RS	-	96000	32500	3600	4200	1.5	2.4	0.41	1.7	77	128	2.0	3.230
70	125	24	1.5	1214	1214K	-	-	34500	13800	4200	4900	3.5	5.3	0.18	3.6	79	116	1.5	1.260
70	125	31	1.5	2214	2214K	2214-2RS	-	44000	17100	3900	4600	2.4	3.7	0.27	2.5	79	116	1.5	1.520
70	150	35	2.1	1314	1314K	-	-	74500	27700	3500	4200	2.8	4.4	0.22	3.0	82	138	2.0	2.990
70	150	51	2.1	2314	2314K	2314-2RS	-	107000	37500	3300	3900	1.5	2.4	0.41	1.9	82	138	2.0	4.250
75	130	25	1.5	1215	1215K	-	-	39000	15700	3900	4600	3.5	5.5	0.18	3.8	84	121	1.5	1.360
75	130	31	1.5	2215	2215K	2215-2RS	-	44000	17800	3700	4300	2.5	3.9	0.25	2.6	84	121	1.5	1.620
75	160	37	2.1	1315	1315K	-	-	79000	30000	3300	3900	2.8	4.3	0.23	2.9	97	148	2.0	3.560
75	160	55	2.1	2315	2315K	2315-2RS	-	121000	43000	3100	3600	1.5	2.4	0.41	2.0	87	148	2.0	5.170
80	140	26	2.0	1216	1216K	-	-	39500	17000	3700	4300	3.9	6.0	0.16	4.1	90	130	2.0	1.670
80	140	33	2.0	2216	2216K	2216-2RS	-	49000	19900	3400	4000	2.5	3.9	0.25	2.5	90	130	2.0	2.010
80	170	39	2.1	1316	1316K	-	-	88500	33000	3100	3600	2.9	4.6	0.21	3.0	92	158	2.0	4.180
80	170	58	2.1	2316	2316K	2316-2RS	-	126000	45500	2900	3400	1.6	2.4	0.40	2.0	92	158	2.0	6.120
85	150	28	2.0	1217	1217K	-	-	49000	20700	3500	4100	3.6	5.6	0.17	3.8	95	140	2.0	2.070

Main Dimensions (mm)				Model				Basic Dynamic Load Ratings C(N)	Basic Static Load Ratings Co(N)	Permissible Revolutions(rpm)		Axial load coefficient		Constante	Thrust coefficient Yo	Assembly Dimensions(mm)			Reference Weight (Kg)
d	D	B	r	Cylindrical bore	Tapered hole	Sealed cylindrical bore	Sealed tapered hole			Grease Lubrication	Oil lubrication	Y ₁	Y ₂			d _a (Min)	D _a (Max)	r _a (Max)	
			(Min)																
85	150	36	2.0	2217	2217K	2217-2RS	-	58000	23500	3200	3800	2.5	3.9	0.25	2.6	95	140	2.0	2.520
85	180	41	3.0	1317	1317K	-	-	97500	38000	2900	3400	2.9	4.5	0.22	3.1	99	166	2.5	4.980
85	180	60	3.0	2317	2317K	-	-	140000	51000	2700	3200	1.7	2.7	0.37	1.9	99	166	2.5	7.170
90	160	30	2.0	1218	1218K	-	-	57000	23400	3300	3800	3.8	5.8	0.17	3.9	100	150	2.0	2.520
90	160	40	2.0	2218	2218K	2218-2RS	-	70000	28600	3100	3600	2.4	3.7	0.27	2.5	100	150	2.0	3.430
90	190	43	3.0	1318	1318K	-	-	116000	44500	2700	3200	2.8	4.3	0.23	2.9	104	176	2.5	5.800
90	190	64	3.0	2318	2318K	-	-	152000	57500	2600	3000	1.7	2.6	0.37	1.9	104	176	2.5	8.480
95	170	32	2.1	1219	1219K	-	-	64000	27100	3100	3600	3.7	5.7	0.17	3.8	107	158	2.0	3.100
95	170	43	2.1	2219	2219K	2219-2RS	-	83500	34500	2900	3400	2.3	3.6	0.27	2.6	107	158	2.0	4.180
95	200	45	3.0	1319	1319K	-	-	132000	50500	2600	3000	2.8	4.3	0.23	2.9	109	186	2.5	6.690
95	200	67	3.0	2319	2319K	-	-	164000	64000	2400	2800	1.7	2.7	0.37	1.9	109	186	2.5	9.800
100	180	34	2.1	1220	1220K	-	-	69000	29700	2900	3400	3.6	5.6	0.17	3.8	112	168	2.0	3.700
100	180	46	2.1	2220	2220K	2220-2RS	-	94000	38500	2700	3200	2.3	3.6	0.27	2.7	112	168	2.0	4.980
100	215	47	3.0	1320	1320K	-	-	143000	57000	2400	2900	2.7	4.1	0.24	2.8	114	201	2.5	8.300
100	215	73	3.0	2320	2320K	-	-	192000	79000	2300	2700	1.7	2.6	0.37	1.9	114	201	2.5	12.500
105	190	36	2.1	1221	-	-	-	74500	32500	2800	3300	3.5	5.5	0.18	3.7	117	178	2.0	4.370
105	190	50	2.1	2221	-	2221-2RS	-	109000	44500	2600	3100	2.3	3.5	0.28	2.6	117	178	2.0	6.060
105	225	49	3.0	1321	-	-	-	156000	64500	2300	2700	2.7	4.2	0.23	2.9	119	211	2.5	10.000
105	225	77	3.0	2321	-	-	-	205000	86500	2200	2600	1.7	2.6	0.38	1.8	119	211	2.5	14.300
110	200	38	2.1	1222	1222K	-	-	88500	38500	2600	3100	3.4	5.3	0.18	3.8	122	188	2.0	5.150
110	200	53	2.1	2222	2222K	2222-2RS	-	125000	52000	2500	2900	2.2	3.4	0.29	2.5	122	188	2.0	7.200
110	240	50	3.0	1322	1322K	-	-	165000	72000	2200	2600	2.8	4.3	0.23	3.0	124	226	2.5	11.800
110	240	80	3.0	2322	2322K	-	-	217000	94500	2100	2400	1.7	2.7	0.37	1.9	124	226	2.5	17.200
120	215	42	2.1	1224	1224K	-	-	119000	53000	2800	3400	3.3	5.1	0.19	3.4	131	204	2.0	6.750
130	230	46	3.0	1226	-	-	-	127000	58500	2600	3200	3.3	5.1	0.19	3.3	143	217	2.5	8.300
140	250	50	3.0	1228	-	-	-	135000	62500	2200	2600	3.3	5.1	0.21	3.3	-	-	-	11.100
150	270	54	3.0	1230	-	-	-	150000	64000	2000	2600	3.3	5.1	0.21	4.4	-	-	-	13.900