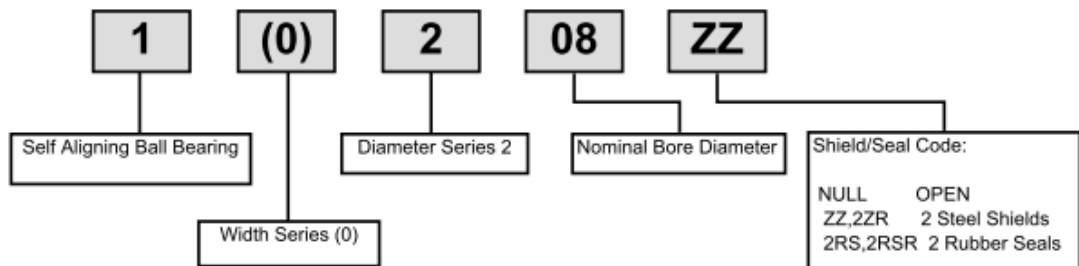


SELF ALIGNING BALL BEARINGS

Two rows of balls retained by steel cage and a common concave sphered raceway in the outer ring. Particularly suitable for applications where considerable shaft bending or errors of alignment are to be expected.

Part Number Identification



Bearing number composition

Bearing Series No.	Width Series No.	Diameter Series No.	
1	(0)	2	
	(0)	3	
2	(2)	2	
	(2)	3	

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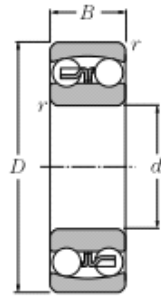
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Tel: 0086-311-89801595

E-mail: sales@onlybearing.com

Self Aligning Ball Bearings - 12.. SERIES

d 10 - 110 mm



Cylindrical bore



Tapered bore
taper 1:12

d	Boundary Dimension		Bearing Designation		Mass \approx kg
	D	B	Cylindrical bore	Tapered bore	
10	30	9	1200	--	0.034
12	32	10	1201	--	0.040
15	35	11	1202	--	0.051
17	40	12	1203	--	0.072
20	47	14	1204	1204K	0.119
25	52	15	1205	1205K	0.144
30	62	16	1206	1206K	0.226
35	72	17	1207	1207K	0.318
40	80	18	1208	1208K	0.411
45	85	19	1209	1209K	0.489
50	90	20	1210	1210K	0.545
55	100	21	1211	1211K	0.698
60	110	22	1212	1212K	0.896
65	120	23	1213	1213K	0.920
70	125	24	1214	1214K	1.290
75	130	25	1215	1215K	1.350
80	140	26	1216	1216K	1.650
85	150	28	1217	1217K	2.100
90	160	30	1218	1218K	2.510
95	170	32	1219	1219K	3.100
100	180	34	1220	1220K	3.700
105	190	36	1221	--	4.350
110	200	38	1222	1222K	5.150

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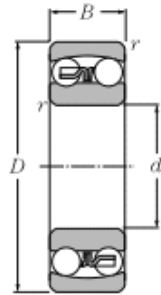
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Self Aligning Ball Bearings - 13.. SERIES

d 10 - 110 mm



Cylindrical bore



Tapered bore
taper 1:12

d	Boundary Dimension		Bearing Designation		Mass \approx kg
	D	B	Cylindrical bore	Tapered bore	
10	35	11	1300	--	0.059
12	37	12	1301	--	0.067
15	42	13	1302	--	0.094
17	47	14	1303	--	0.140
20	52	15	1304	1304K	0.174
25	62	17	1305	1305K	0.258
30	72	19	1306	1306K	0.389
35	80	21	1307	1307K	0.537
40	90	23	1308	1308K	0.712
45	100	25	1309	1309K	0.962
50	110	27	1310	1310K	1.210
55	120	29	1311	1311K	1.580
60	130	31	1312	1312K	1.960
65	140	33	1313	1313K	2.390
70	150	35	1314	1314K	3.000
75	160	37	1315	1315K	3.550
80	170	39	1316	1316K	4.200
85	180	41	1317	1317K	4.960
90	190	43	1318	1318K	5.800
95	200	45	1319	1319K	6.700
100	215	47	1320	1320K	8.300
105	225	49	1321	--	10.00
110	240	50	1322	1322K	11.80

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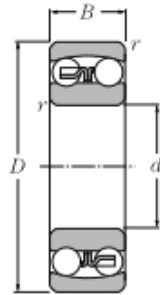
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Self Aligning Ball Bearings - 22.. SERIES

d 10 - 110 mm



Cylindrical bore



Tapered bore
taper 1:12

d	Boundary Dimension		Bearing Designation			Mass \approx kg
	D	B	Cylindrical bore	Tapered bore	2RS	
10	30	14	2200	--	2200 2RS	0.047
12	32	14	2201	--	2201 2RS	0.051
15	35	14	2202	--	2202 2RS	0.060
17	40	16	2203	--	2203 2RS	0.088
20	47	18	2204	2204K	2204 2RS	0.152
25	52	18	2205	2205K	2205 2RS	0.187
30	62	20	2206	2206K	2206 2RS	0.258
35	72	23	2207	2207K	2207 2RS	0.441
40	80	23	2208	2208K	2208 2RS	0.527
45	85	23	2209	2209K	2209 2RS	0.553
50	90	23	2210	2210K	2210 2RS	0.678
55	100	25	2211	2211K	2211 2RS	0.810
60	110	28	2212	2212K	2212 2RS	1.150
65	120	31	2213	2213	2213 2RS	1.500
70	125	31	2214	2214K	2214 2RS	1.630
75	130	31	2215	2215K	2215 2RS	1.600
80	140	33	2216	2216K	2216 2RS	2.000
85	150	36	2217	2217K	2217 2RS	2.500
90	160	40	2218	2218K	2218 2RS	3.190
95	170	43	2219	2219K	2219 2RS	3.890
100	180	46	2220	2220K	2220 2RS	4.650
105	190	50	2221	--	2221 2RS	6.070
110	200	53	2222	2222K	2222 2RS	7.100

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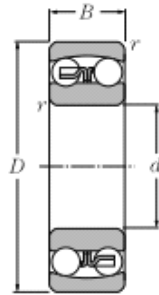
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Self Aligning Ball Bearings - 23.. SERIES

d 10 - 110 mm



Cylindrical bore



Tapered bore
taper 1:12

d	Boundary Dimension mm		Bearing Designation			Mass \approx kg
	D	B	Cylindrical bore	Tapered bore	2RS	
10	35	17	2300	--	2300 2RS	0.083
12	37	17	2301	--	2301 2RS	0.091
15	42	17	2302	--	2302 2RS	0.114
17	47	19	2303	--	2303 2RS	0.156
20	52	21	2304	2304K	2304 2RS	0.239
25	62	24	2305	2305K	2305 2RS	0.375
30	72	27	2306	2306K	2306 2RS	0.556
35	80	31	2307	2307K	2307 2RS	0.763
40	90	33	2308	2308K	2308 2RS	1.013
45	100	36	2309	2309K	2309 2RS	1.351
50	110	40	2310	2310K	2310 2RS	1.600
55	120	43	2311	2311K	2311 2RS	2.100
60	130	46	2312	2312K	2312 2RS	2.600
65	140	48	2313	2313K	2313 2RS	3.250
70	150	51	2314	2314K	2314 2RS	3.900
75	160	55	2315	2315K	2315 2RS	4.780
80	170	58	2316	2316K	2316 2RS	5.650
85	180	60	2317	2317K	--	6.550
90	190	64	2318	2318K	--	7.750
95	200	67	2319	2319K	--	9.050
100	215	73	2320	2320K	--	11.50
105	225	77	2321	--	--	13.20
110	240	80	2322	2322K	--	15.80

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