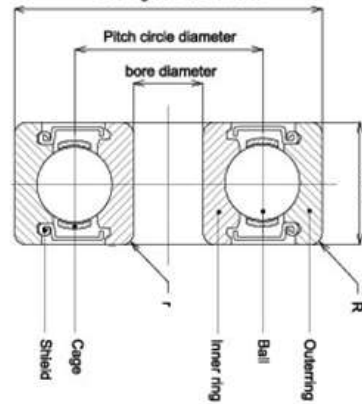


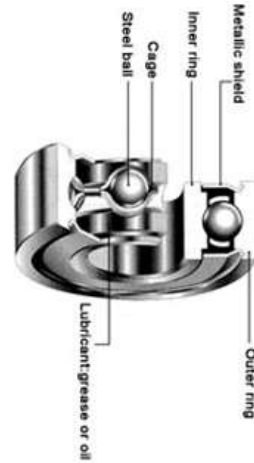
GERMAN

PRESISION

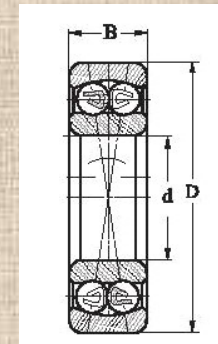
Bearing outside diameter



BEARING TYPES



SELF ALIGNING BALL BEARINGS



WWW.SMBEARING-EU.DE



WWW.SMBEARING-EU.DE

Bearing number	Principal dimensions mm				Weight kg
	d	D	B	r smin	
1210 K	50	90	20	1.1	0.525
2210 K		90	23	1.1	0.564
1310 K		110	27	2.0	1.250
2310 K		110	40	2.0	1.580
1211 K	55	100	21	1.5	0.705
2211 K		100	25	1.5	0.746
1311 K		120	27	2.0	1.600
2311 K		120	43	2.0	2.030
1212 K	60	110	22	1.5	0.900
2212 K		110	28	1.5	1.030
1312 K		130	31	2.1	2.030
2312 K		130	46	2.1	2.570
1213 K	65	120	23	1.5	1.150
2213 K		120	31	1.5	1.400
1313 K		140	33	2.1	2.540
2313 K		140	48	2.1	3.200
1214 K	70	125	24	1.5	1.30
2214 K		125	31	1.5	1.52
1314 K		150	35	2.1	3.19
2314 K		150	51	2.1	3.90
1215 K	75	130	25	1.5	1.41
2215 K		130	31	1.5	1.60
1315 K		160	37	2.1	3.65
2315 K		160	55	2.1	4.77
1216 K	80	140	26	2.0	1.73
2216 K		140	33	2.0	1.97
1316 K		170	39	2.1	4.31
2316 K		170	58	2.1	5.54
1217 K	85	150	28	2.0	2.09
2217 K		150	36	2.0	2.48
1317 K		180	41	3.0	5.13
2317 K		180	60	3.0	6.56
1218 K	90	160	30	2.0	2.55
2218 K		160	40	2.0	3.13
1318 K		190	43	3.0	5.94
2318 K		190	64	3.0	7.76
1220 K	100	180	34	2.1	3.82
2220 K		180	46	2.1	4.53
1320 K		215	47	3.0	8.46
2320 K		215	73	3.0	11.6

Bearing number	Principal dimensions mm				Weight kg
	d	D	B	r smin	
1200 K	10	30	9	0.6	0.033
2200 K		30	14	0.6	0.042
1300 K		35	11	0.6	0.057
2300 K		35	17	0.6	0.077
1201 K	12	32	10	0.6	0.039
2201 K		32	14	0.6	0.048
1301 K		37	12	1.0	0.066
2301 K		37	17	1.0	0.082
1202 K	15	35	11	0.6	0.048
2202 K		35	14	0.6	0.055
1302 K		42	13	1.0	0.093
2302 K		42	17	1.0	0.108
1203 K	17	40	12	0.6	0.072
2203 K		40	16	0.6	0.085
1303 K		47	14	1.0	0.130
2303 K		47	19	1.0	0.150
1204 K	20	47	14	1.0	0.120
2204 K		47	18	1.0	0.133
1304 K		52	15	1.1	0.165
2304 K		52	21	1.1	0.193
1205 K	25	52	15	1.0	0.140
2205 K		52	18	1.0	0.150
1305 K		62	17	1.1	0.255
2305 K		62	24	1.1	0.319
1206 K	30	62	16	1.0	0.220
2206 K		62	20	1.0	0.249
1306 K		72	19	1.1	0.385
2306 K		72	27	1.1	.480
1207 K	35	72	17	1.1	0.320
2207 K		72	23	1.1	0.378
1307 K		80	21	1.5	0.510
2307 K		80	31	1.5	0.642
1208 K	40	80	18	1.1	0.415
2208 K		80	23	1.1	0.477
1308 K		90	23	1.5	0.715
2308 K		90	33	1.5	0.889
1209 K	45	85	19	1.1	0.465
2209 K		85	23	1.1	0.522
1309 K		100	25	1.5	0.955
2309 K		100	36	1.5	1.200

Self aligning ball bearings

Self aligning ball bearings have two rows of balls with a common sphere raceway in the outer ring. This feature gives the bearings their self-aligning property, permitting angular misalignment of the shaft with respect to the housing, self-aligning ball bearings show very low vibration and noise level owing to the high accuracy of form and smoothness of the raceways.

