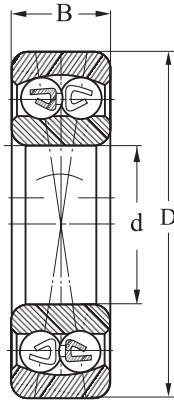
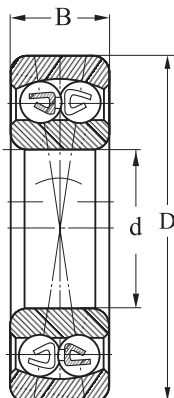


SELF-ALIGNING BALL BEARINGS



Principal dimensions mm (in)				Weight kg (lb)	Bearing Number	Basic Load Rating kN (lbf)		Limiting Speed (rpm)	
d	D	B	r _{smin}			Dynamic C _r	Static Cor	Grease	Oil
10 0.3937	30	9	0.6	0.033	1200	4.95	1.14	20000	23000
	1.1811	0.3543	0.023	0.072		1110	260		
	30	14	0.6	0.042		6.57	1.53		
	1.1811	0.5511	0.023	0.092		1480	340		
12 0.4724	32	10	0.6	0.039	1201	5.04	1.22	17000	21000
	1.2598	0.3937	0.023	0.085		1130	270		
	32	14	0.6	0.048		6.84	1.66		
	1.2598	0.5511	0.023	0.105		1540	370		
15 0.5905	35	11	0.6	0.048	1202	6.71	1.68	15000	18000
	1.3779	0.4330	0.023	0.105		1510	380		
	35	14	0.6	0.055		6.93	1.78		
	1.3779	0.5511	0.023	0.121		1560	400		
17 0.6692	40	12	0.6	0.072	1203	7.11	1.93	13000	16000
	1.5748	0.4724	0.023	0.158		1600	430		
	40	16	0.6	0.085		8.82	2.31		
	1.5748	0.6299	0.023	0.187		1980	520		
20 0.7874	47	14	1.0	0.130	1204	11.25	3.07	12000	14000
	1.8503	0.5511	0.039	0.286		2530	690		
	47	19	1.0	0.150		12.96	3.41		
	1.8503	0.7480	0.039	0.330		2920	770		
25 0.9842	52	15	1.0	0.140	1205	8.91	2.51	10000	12000
	2.0472	0.5905	0.039	0.308		2000	560		
	52	18	1.0	0.133		11.34	3.17		
	2.0472	0.7086	0.039	0.293		2550	710		
30 1.1811	62	16	1.0	0.220	1206	14.04	4.46	8700	10000
	2.4409	0.6399	0.039	0.485		3160	1000		
	62	20	1.0	0.249		13.68	4.32		
	2.4409	0.7874	0.039	0.549		3080	970		
35 1.3779	72	17	1.1	0.320	1207	19.17	6.05	7600	8900
	2.8346	0.7480	0.043	0.848		4310	1360		
	72	23	1.1	0.378		19.35	6.34		
	2.8346	0.9055	0.043	0.833		4350	1430		
40 1.5748	80	18	1.1	0.415	1208	22.59	7.54	6500	7600
	3.1496	0.8267	0.059	1.124		5080	1700		
	80	21	1.5	0.510		22.59	7.54		
	3.1496	1.2204	0.059	1.416		5080	1700		
45 1.7716	85	19	1.1	0.465	1209	35.55	10.85	6100	7100
	3.3464	0.7480	0.043	1.025		8000	2440		
	85	23	1.1	0.477		20.07	7.06		
	3.3464	0.9055	0.043	1.051		4500	1590		
45 1.7716	90	23	1.5	0.715	1308	26.64	9.31	5700	6700
	3.5433	0.9055	0.059	1.576		5990	2090		
	90	33	1.5	0.889		40.50	12.96		
	3.5433	1.2992	0.059	1.960		9110	2920		
45 1.7716	85	19	1.1	0.465	2209	19.71	7.06	5700	6700
	3.3464	0.7480	0.043	1.025		4430	1590		
	85	23	1.1	0.522		20.88	7.82		
	3.3464	0.9055	0.043	1.151		4700	1760		

SELF-ALIGNING BALL BEARINGS



Principal dimensions mm (in)				Weight kg (lb)	Bearing Number	Basic Load Rating kN (lbf)		Limiting Speed (rpm)			
d	D	B	r _{smin}			Dynamic C _r	Static Cor	Grease	Oil		
45 1.7716	100 3.9370	25 0.9842	1.5 0.059	0.955 2.106	1309	34.20 770	12.19 2740	5100	6000		
	100 3.9370	36 1.4173	1.5 0.059	1.200 2.646		2309	48.60 10940			16.03 3610	4800
50 1.9685	90 3.5433	20 0.7874	1.1 0.043	0.525 1.158	1210	20.43 4600	7.78 1750	5500	6500		
	90 3.5433	23 0.9055	1.1 0.043	0.564 1.244	2210	20.88 4700	8.11 1820			5200	6100
	110 4.3307	27 1.0629	2.0 0.079	1.250 2.756	1310	39.15 8810	13.54 3050			4700	5500
	110 4.3307	40 1.5748	2.0 0.079	1.580 3.484	2310	58.05 13060	19.39 4360			4400	5100
55 2.1653	100 3.9370	21 0.8267	1.5 0.059	0.705 1.555	1211	24.12 5430	9.60 2160	5000	5900		
	100 3.9370	25 0.9842	1.5 0.059	0.746 1.645	2211	23.85 5370	9.50 2140			4800	5500
	120 4.7244	29 1.1417	2.0 0.079	1.600 3.528	1311	46.35 10430	17.18 3870			4300	4900
	120 4.7244	43 1.6929	2.0 0.079	2.030 4.476	2311	67.95 15290	23.04 5180			4000	4700
60 2.3622	110 4.3307	22 0.8661	1.5 0.059	0.900 1.985	1212	27.00 6080	11.04 2480	4700	5500		
	110 4.3307	28 1.1023	1.5 0.059	1.030 2.271	2212	30.60 6890	12.10 2720			4400	5100
	130 5.1181	31 1.2204	2.1 0.083	2.030 4.476	1312	51.30 11540	19.97 4490			3900	4600
	130 5.1181	46 1.8110	2.1 0.083	2.570 5.667	2312	78.30 17620	27.072 6090			3600	4300
65 2.5590	120 4.7244	23 0.9055	1.5 0.059	1.150 2.536	1213	27.90 6280	12.00 2700	4300	5000		
	120 4.7244	31 1.2204	1.5 0.059	1.400 3.087	2213	39.15 8810	15.74 3540			4000	4800
	140 5.5118	33 1.2992	2.1 0.083	2.540 5.601	1313	55.80 12560	21.99 4950			3600	4300
	140 5.5118	48 1.8897	2.1 0.083	3.200 7.056	2313	86.40 19440	31.20 7020			3400	4000
70 2.7559	125 4.9212	24 0.9448	1.5 0.059	1.30 2.876	1214	31.05 6990	13.25 2980	4000	4700		
	125 4.9212	31 1.2204	1.5 0.059	1.52 3.352	2214	39.60 8910	16.42 3690			3700	4400
	150 5.9055	35 1.3779	2.1 0.083	3.19 7.034	1314	67.05 15090	26.59 5980			3300	4000
	150 5.9055	51 2.0078	2.1 0.083	3.90 8.600	2314	98.10 22070	36.00 8100			3100	3700
75 2.9527	130 5.1181	25 0.9842	1.5 0.059	1.41 3.109	1215	35.10 7900	15.07 3390	3700	4400		
	130 5.1181	31 1.2204	1.5 0.059	1.60 3.528	2215	40.05 9010	17.09 3850			3500	4100
	160 6.2992	37 1.4566	2.1 0.083	3.65 8.048	1315	71.55 16100	28.80 6480			3100	3700
	160 6.2992	55 2.1653	2.1 0.083	4.77 10.518	2315	110.7 24910	41.28 9290			2900	3400
80 3.1496	140 5.5118	26 1.0236	2.0 0.079	1.73 3.815	1216	36.00 8100	16.32 3670	3500	4100		
	140 5.5118	33 1.2992	2.0 0.079	1.97 4.344	2216	43.65 9820	19.10 4300			3200	3800
	170 6.6929	39 1.5354	2.1 0.083	4.31 9.504	1316	79.65 17920	31.68 7130			2900	3400
	170 6.6929	58 2.2834	2.1 0.083	5.54 12.216	2316	115.20 25920	43.20 9720			2800	3200
85 3.3464	150 5.9055	28 1.1023	2.0 0.079	2.09 4.608	1217	44.10 9920	19.97 4490	3300	3900		
	150 5.9055	36 1.4173	2.0 0.079	2.48 5.468	2217	52.20 11750	22.66 5100			3000	3600
	180 7.0866	41 1.6141	3.0 0.118	5.13 11.312	1317	87.75 19740	36.48 8210			2800	3200
	180 7.0866	60 2.3622	3.0 0.118	6.56 14.465	2317	126 28350	49.44 11120			2600	3000
90 3.5433	160 6.2992	30 1.1811	2.0 0.079	2.55 5.623	1218	51.3 11540	22.56 5080	3100	3600		
	160 6.2992	40 1.5748	2.0 0.079	3.13 6.902	2218	63 14180	27.552 6200			2900	3400
	190 7.4803	43 1.6929	3.0 0.118	5.94 13.098	1218	104.4 23490	47.72 9610			2600	3000
	190 7.4803	64 2.5196	3.0 0.118	7.76 17.111	2318	136.8 30780	55.2 12420			2500	2900