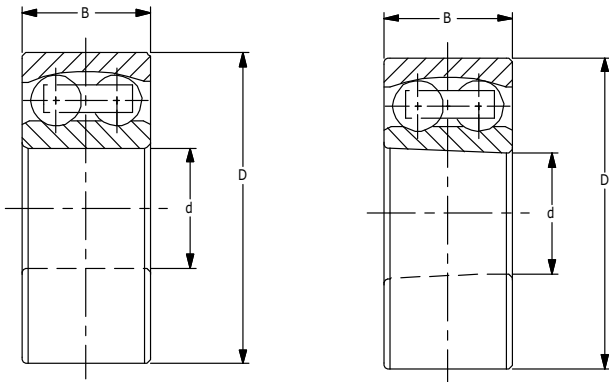




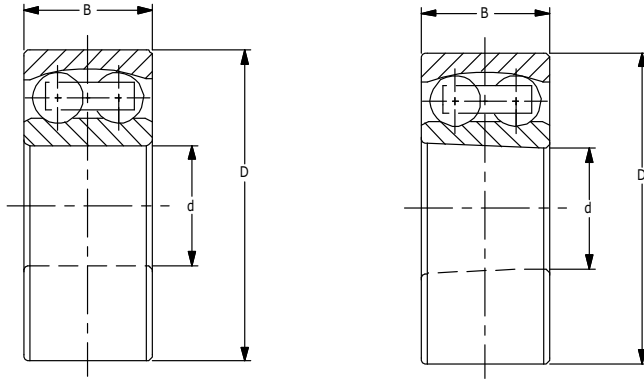
1200, 1200K, 1300 & 1300K SERIES



The self-aligning ball bearing is one of the double row type with a spherical raceway in the outer ring. This gives the bearing self-aligning properties and allows it to compensate for misalignment, shaft deflections and housing deformation. Self-aligning ball bearings are available with cylindrical or tapered bore 1:12.

Part Number	Bore		Outer Diameter		Width		Radius		Basic Load Rating lbs.		Weight lbs.	
	d		D		B		r		Dynamic	Static		
	mm	in.	mm	in.	mm	in.	mm	in.	C	Cor		
1200	1200K	10	.3937	30	1.1811	9	.3543	1	.039	1230	268	0.075
1201	1201K	12	.4724	32	1.2598	10	.3937	1	.039	1260	286	0.088
1202	1202K	15	.5906	35	1.3780	11	.4331	1	.039	1680	395	0.108
1203	1203K	17	.6693	40	1.5748	12	.4724	1	.039	1770	450	0.161
1204	1204K	20	.7874	47	1.8504	14	.5512	1.5	.059	2230	585	0.265
1205	1205K	25	.9843	52	2.0472	15	.5906	1.5	.059	2720	740	0.311
1206	1206K	30	1.1811	62	2.4409	16	.6299	1.5	.059	3500	1050	0.485
1207	1207K	35	1.3780	72	2.8346	17	.6693	2	.079	3550	1150	0.712
1208	1208K	40	1.5748	80	3.1496	18	.7087	2	.079	4350	1470	0.919
1209	1209K	45	1.7717	85	3.3565	19	.7480	2	.079	4900	1650	1.03
1210	1210K	50	1.9685	90	3.5433	20	.7874	2	.079	5100	1820	1.16
1211	1211K	55	2.1654	100	3.9370	21	.8268	2.5	.098	6000	2250	1.55
1212	1212K	60	2.3622	110	4.3307	22	.8661	2.5	.098	6800	2590	1.98
1213	1213K	65	2.5591	120	4.7244	23	.9055	2.5	.098	6950	2820	2.54
1214	1214K	70	2.7559	125	4.9213	24	.9449	2.5	.098	7800	3100	2.78
1215	1215K	75	2.9528	130	4.1181	25	.9843	2.5	.098	8750	3550	3.00
1216	1216K	80	3.1496	140	5.5118	26	1.0236	3	.118	8950	3800	3.68
1217	1217K	85	3.3465	150	5.9055	28	1.1024	3	.118	11000	4650	4.56
1218	1218K	90	3.5433	160	6.2992	30	1.1811	3	.118	12800	5300	5.56
1219	1219K	95	3.7402	170	6.6929	32	1.2598	3.5	.138	14300	6100	6.83
1220	1220K	100	3.9370	180	7.0866	34	1.3386	3.5	.138	15500	6700	8.16
1300	1300K	10	.3937	35	1.3780	11	.4331	0.6	.024	1630	365	0.128
1301	1301K	12	.4724	37	1.4567	12	.4724	1	.039	2130	485	0.148
1302	1302K	15	.5906	42	1.6535	13	.5118	1.5	.059	2150	515	0.207
1303	1303K	17	.6693	47	1.8504	14	.5512	1.5	.059	2820	715	0.287
1304	1304K	20	.7874	52	2.0472	15	.5906	2	.079	2790	750	0.359
1305	1305K	25	.9843	62	2.4409	17	.6693	2	.079	4050	1130	0.567
1306	1306K	30	1.1811	72	2.8346	19	.7480	2	.079	4800	1420	0.853
1307	1307K	35	1.3780	80	3.1496	21	.8268	2.5	.098	5650	1770	1.12
1308	1308K	40	1.5748	90	3.5433	23	.9055	2.5	.098	6650	2180	1.58
1309	1309K	45	1.7717	100	3.9370	25	.9843	2.5	.098	8550	2860	2.11
1310	1310K	50	1.9685	110	4.3307	27	1.0630	3	.118	9750	3150	2.67
1311	1311K	55	2.1654	120	4.7244	29	1.1417	3	.118	11600	4000	3.48
1312	1312K	60	2.3622	130	5.1181	31	1.2205	3.5	.138	12900	4700	4.32
1313	1313K	65	2.5591	140	5.5118	33	1.2992	3.5	.138	13900	5150	5.40
1314	1314K	70	2.7559	150	5.9055	35	1.3780	3.5	.138	16700	6250	6.60
1315	1315K	75	2.9528	160	6.2992	37	1.4567	3.5	.138	17800	6750	7.85
1316	1316K	80	3.1496	170	6.6929	39	1.5354	3.5	.138	19900	7450	9.22
1317	1317K	85	3.3465	180	7.0866	41	1.6142	4	.157	22000	8500	11.00
1318	1318K	90	3.5433	190	7.4803	43	1.6929	4	.157	26100	10000	12.80
1319	1319K	95	3.7402	200	7.8740	45	1.7717	4	.157	29600	11400	14.70
1320	1320K	100	3.9370	215	8.4646	47	1.8504	4	.157	32000	12900	18.30

2200, 2200K, 2300 & 2300K SERIES



The self-aligning ball bearing is one of the double row type with a spherical raceway in the outer ring. This gives the bearing self-aligning properties and allows it to compensate for misalignment, shaft deflections and housing deformation. Self-aligning ball bearings are available with cylindrical or tapered bore 1:12.

Part Number	Bore d		Outer Diameter D		Width B		Radius r		Basic Load Rating lbs.		Weight lbs.		
	mm	in.	mm	in.	mm	in.	mm	in.	Dynamic C	Static Cor	2200	2200K	
												2300	2300K
2200	2200K	10	.3937	30	1.1811	14	.5512	1	.039	1640	360	0.104	0.098
2201	2201K	12	.4724	32	1.2598	14	.5512	1	.039	1710	390	0.117	0.113
2202	2202K	15	.5906	35	1.3780	14	.5512	1	.039	1780	415	0.132	0.127
2203	2203K	17	.6693	40	1.5748	16	.6299	1	.039	2200	545	0.194	0.118
2204	2204K	20	.7874	47	1.8504	18	.7087	1.5	.059	2830	745	0.309	0.300
2205	2205K	25	.9843	52	2.0472	18	.7087	1.5	.059	2760	775	0.359	0.348
2206	2206K	30	1.1811	62	2.4409	20	.7874	1.5	.059	3400	1020	0.573	0.560
2207	2207K	35	1.3780	72	2.8346	23	.9055	2	.079	4850	1480	0.888	0.873
2208	2208K	40	1.5748	80	3.1496	23	.9055	2	.079	5000	1650	1.11	1.09
2209	2209K	45	1.7717	85	3.3565	23	.9055	2	.079	5200	1830	1.20	1.18
2210	2210K	50	1.9685	90	3.5433	23	.9055	2	.079	5200	1900	1.30	1.27
2211	2211K	55	2.1654	100	3.9370	25	.9843	2.5	.098	5920	2220	1.79	1.75
2212	2212K	60	2.3622	110	4.3307	28	1.1024	2.5	.098	7650	2840	2.40	2.36
2213	2213K	65	2.5591	120	4.7244	31	1.2205	2.5	.098	9750	3700	3.22	3.15
2214	2214K	70	2.7559	125	4.9213	31	1.2205	2.5	.098	9850	3850	3.35	-
2215	2215K	75	2.9528	130	4.1181	31	1.2205	2.5	.098	9950	4000	3.57	3.48
2216	2216K	80	3.1496	140	5.5118	33	1.2992	3	.118	10900	4450	4.43	4.34
2217	2217K	85	3.3465	150	5.9055	36	1.4173	3	.118	13100	4300	5.56	5.42
2218	2218K	90	3.5433	160	6.2992	40	1.5748	3	.118	15800	6450	7.50	7.34
2219	2219K	95	3.7402	170	6.6929	43	1.6929	3.5	.138	18700	7750	9.04	8.82
2220	2220K	100	3.9370	180	7.0866	46	1.8110	3.5	.138	21100	8650	11.0	10.70
2300	2300K	10	.3937	35	1.3780	17	.6693	1	.039	2270	485	0.183	0.180
2301	2301K	12	.4724	37	1.4567	17	.6693	1.5	.059	2640	610	0.201	0.195
2302	2302K	15	.5906	42	1.6535	17	.6693	1.5	.059	2700	650	0.251	0.245
2303	2303K	17	.6693	47	1.8504	19	.7480	1.5	.059	3250	800	0.348	0.340
2304	2304K	20	.7874	52	2.0472	21	.8268	2	.079	4050	1060	0.461	0.452
2305	2305K	25	.9843	62	2.4409	24	.9449	2	.079	5500	1480	0.739	0.721
2306	2306K	30	1.1811	72	2.8346	27	1.0630	2	.079	7050	1970	1.10	1.08
2307	2307K	35	1.3780	80	3.1496	31	1.2205	2.5	.098	8850	2530	1.49	1.45
2308	2308K	40	1.5748	90	3.5433	33	1.2992	2.5	.098	10100	3050	2.04	1.99
2309	2309K	45	1.7717	100	3.9370	36	1.4173	2.5	.098	12200	3750	2.71	2.65
2310	2310K	50	1.9685	110	4.3307	40	1.5748	3	.118	14500	4550	3.62	3.53
2311	2311K	55	2.1654	120	4.7244	43	1.6929	3	.118	16900	5400	4.63	4.52
2312	2312K	60	2.3622	130	5.1181	46	1.8110	3.5	.138	19600	6350	5.73	5.58
2313	2313K	65	2.5591	140	5.5118	48	1.8898	3.5	.138	21600	7300	7.12	6.94
2314	2314K	70	2.7559	150	5.9055	51	2.0079	3.5	.138	24600	8450	8.60	-
2315	2315K	75	2.9528	160	6.2992	55	2.1654	3.5	.138	27700	9650	10.4	10.20
2316	2316K	80	3.1496	170	6.6929	58	2.2835	3.5	.138	28800	10200	13.4	13.10
2317	2317K	85	3.3465	180	7.0866	60	2.3622	4	.157	31500	11500	15.4	15.20
2318	2318K	90	3.5433	190	7.4803	64	2.5197	4	.157	34000	12900	18.6	18.20
2319	2319K	95	3.7402	200	7.8740	67	2.6378	4	.157	37000	14500	21.6	21.10
2320	2320K	100	3.9370	215	8.4646	73	2.8740	4	.157	43000	17800	27.3	26.70