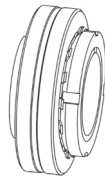


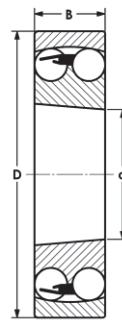
Self-Aligning Ball Bearings



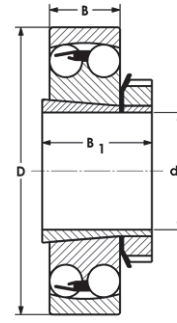
Tapered & Straight Bores 1200 & 1300 Series



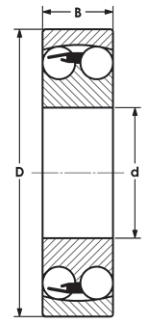
Models Available



Tapered Bore



Tapered Bore Adapter Mounted



Straight Bore

1200 Series (Taper Bores use H200 SNW Series Adapters)

Straight Bore Bearing Part No. *	Taper Bore Bearing Part No. *	Dimensions (mm)							Basic Load Ratings in kN		Max. rpm		Weight kg	
									Dynamic	Static				
		d	D	B	r	d ₁ *		B ₁	C	C ₀	Grease	Oil	Bearing	Sleeve
						mm	in							
1205	1205K	25	52	15	1.0	20	5/8, 3/4	26	12.2	3.35	13000	16000	0.1	0.1
1206	1206K	30	62	16	1.0	25	7/8, 1	27	15.6	4.65	11000	14000	0.2	0.1
1207	1207K	35	72	17	1.1	30	1-1/8, 1-3/16	29	16.0	5.20	9500	12000	0.3	0.1
1208	1208K	40	80	18	1.1	35	1-1/4, 1-3/8	31	19.3	6.55	8500	10000	0.4	0.2
1209	1209K	45	85	19	1.1	40	1-1/2	33	22.0	7.35	7500	9000	0.5	0.2
1210	1210K	50	90	20	1.1	45	1-11/16, 1-3/4	35	22.8	8.15	7000	8500	0.5	0.3
1211	1211K	55	100	21	1.5	50	1-15/16, 2	37	27.0	10.0	6300	7500	0.7	0.3
1212	1212K	60	110	22	1.5	55	2-1/8, 2-3/16	38	30.0	11.6	5600	6700	0.9	0.3
1213	1213K	65	120	23	1.5	60	2-1/4	40	31.0	12.5	5300	6300	1.2	0.4
1214	1214K	70	125	24	1.5	—	—	—	34.5	13.7	5000	6000	1.3	—
1215	1215K	75	130	25	1.5	65	2-7/16, 2-1/2	43	39.0	15.6	4800	5600	1.4	0.7
1216	1216K	80	140	26	2.0	70	2-11/16, 2-3/4	46	40.0	17.0	4300	5000	1.7	0.9
1217	1217K	85	150	28	2.0	75	2-15/16, 3	50	49.0	20.4	4000	4800	2.1	1.0
1218	1218K	90	160	30	2.0	80	3-3/16, 3-1/4	52	57.0	23.6	3800	4500	2.6	1.2
1219	1219K	95	170	32	2.1	85	3-3/8	55	64.0	27.0	3400	4000	3.2	1.4
1220	1220K	100	180	34	2.1	90	3-7/16, 3-1/2	58	69.5	30.0	3200	3800	3.8	1.5
1222	1222K	110	200	38	2.1	100	3-15/16, 4	63	88.0	38.0	2800	3400	5.2	1.9

1300 Series (for Taper Bores use H300 or SNW Series Adapters)

1305	1305K	25	62	17	1.1	20	5/8, 3/4	29	18.0	5.0	11000	14000	0.3	0.1
1306	1306K	30	72	19	1.1	25	7/8, 1	31	21.2	6.3	9000	11000	0.4	0.1
1307	1307K	35	80	21	1.5	30	1-1/8, 1-3/16	35	25.0	8.0	8000	9500	0.5	0.1
1308	1308K	40	90	23	1.5	35	1-1/4	36	29.0	9.6	7000	8500	0.7	0.2
1309	1309K	45	100	25	1.5	40	1-1/2	39	38.0	12.9	6300	7500	1.0	0.2
1310	1310K	50	110	27	2.0	45	1-11/16, 1-3/4	42	41.5	14.3	5600	6700	1.3	0.3
1311	1311K	55	120	29	2.0	50	1-15/16, 2	45	51.0	18.0	5000	6000	1.6	0.3
1312	1312K	60	130	31	2.1	55	2-1/8, 2-3/8	47	57.0	20.8	4500	5300	2.0	0.4
1313	1313K	65	140	33	2.1	60	2-1/4	50	62.0	22.8	4300	5000	2.5	0.5
1314	—	70	150	35	2.1	—	—	—	75.0	27.5	4000	4800	3.1	—
1315	1315K	75	160	37	2.1	65	2-7/16, 2-1/2	55	80.0	30.0	3600	4300	3.7	0.8
1316	1316K	80	170	39	2.1	70	2-11/16, 2-3/4	59	88.0	32.5	3400	4000	4.3	1.0
1317	1317K	85	180	41	3.0	75	2-15/16, 3	63	98.0	38.0	3200	3800	5.1	1.2
1318	1318K	90	190	43	3.0	80	3-3/16, 3-1/4	65	108.0	43.0	3000	3600	6.0	1.4

*Note: Part No. Suffix C3W33 (C3 = Internal Clearance, W33 = Lube Groove) will be provided unless otherwise specified.

K = Taper Bore, without K = straight bore. For Taper Bore (K) bearings, use the H200 Series adapters.