

Spherical Roller Bearings

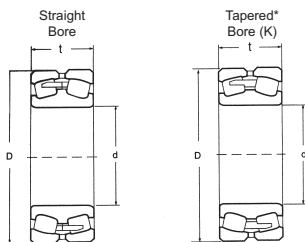
22200 Series

Bearing Number	Dimensions (mm)			Basic Load Ratings (kN)		Limiting Speeds (rev/min)		Weight kg
	Bore d	OD D	Thickness t	C_r	C_{or}	Grease	Oil	
22206	30	62	20	33.50	38.2	5300	6700	0.287
22207	35	72	23	45.20	59.5	4800	6000	0.432
22208	40	80	23	49.80	68.50	4500	5600	0.555
22209	45	85	23	52.20	73.20	4000	5000	0.590
22210	50	90	23	57.20	73.20	3800	4800	0.692
22211	55	100	25	66.00	87.20	3400	4300	0.860
22212	60	110	28	89.98	122.00	3200	4000	1.198
22213	65	120	31	97.35	128.00	2800	3600	1.551
22214	70	125	31	104.50	142.00	2600	3400	1.660
22215	75	130	31	104.50	142.00	2400	3200	1.730
22216	80	140	33	126.50	180.00	2200	3000	2.280
22217	85	150	36	159.50	228	2000	2800	2.830
22218	90	160	40	184.80	272.00	1900	2600	4.010
22219	95	170	43	233.20	322.00	1800	2400	4.550
22220	100	180	46	244.20	358.00	1700	2200	5.124
22222	110	200	53	316.80	465.00	1500	1900	7.000
22224	120	215	58	376.20	565.00	1300	1700	9.070
22226	130	236	64	448.80	708.00	1200	1600	11.370
22228	140	250	68	525.80	805.00	1000	1400	14.200
22230	150	270	73	558.80	875.00	950	1300	18.420
22232	160	290	80	706.20	1140.00	900	1200	23.500
22234	170	310	86	792.00	1300.00	850	1100	28.800
22236	180	320	86	808.60	1370.00	800	1000	30.900
22238	190	340	92	899.80	1510.00	750	950	37.410
22240	200	360	98	1518.00	2640.00	750	1000	43.900

* For tapered bore bearings add suffix "K"

* Add Suffix 'CC' or 'CA' or 'MB' for respective cage type

22300 Series

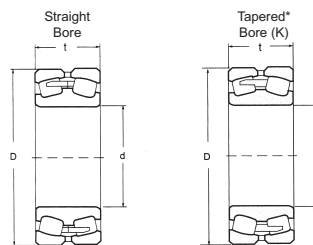


Bearing Number	Dimensions (mm)			Basic Load Ratings (kN)		Limiting Speeds (rev/min)		Weight kg
	Bore <i>d</i>	OD <i>D</i>	Thickness <i>t</i>	<i>C_r</i>	<i>C_{or}</i>	Grease	Oil	
22308	40	90	33	73.5	90.50	4000	5000	1.041
22309	45	100	36	108.0	140.00	3600	4500	1.387
22310	50	110	40	140.8	170.00	3400	4300	1.827
22311	55	120	43	170.5	198.00	3000	3800	2.299
22312	60	130	46	184.8	225.00	2800	3600	2.881
22313	65	140	48	206.8	252.00	2400	3200	3.494
22314	70	150	51	253.0	315.00	2200	3000	4.212
22315	75	160	55	288.2	388.00	2000	2800	5.225
22316	80	170	58	316.8	405.00	1900	2600	6.296
22317	85	180	60	338.8	440.00	1800	2400	7.360
22318	90	190	64	401.5	542.00	1700	2200	8.878
22139	95	200	67	423.5	570.00	1600	2000	10.380
22320	100	215	73	495.0	668.00	1400	1800	12.941
22322	110	240	80	599.5	832.00	1200	1600	17.850
22324	120	260	86	709.5	992.00	1100	1500	22.378
22326	130	280	93	794.2	1140.00	950	1300	28.130
22328	140	300	102	907.5	1340.00	900	1200	34.840
22330	150	320	108	1230.0	1600.00	1200	1500	43.600
22332	160	340	114	1380.0	1790.00	1100	1400	51.900
22334	170	360	120	1265.0	2060.00	750	950	60.750
22336	180	380	126	1386.0	2270.00	700	900	60.080
22338	190	400	132	1529.0	2530.00	670	850	83.220

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23000 Series



Bearing Number	Principal Dimensions (mm)			Basic Load Ratings (kN)		Limiting Speeds (rev/min)		Weight kg
	d	D	t	C_r	C_{or}	Grease	Oil	
23022	110	170	45	286	478	2100	2800	3.96
23024	120	180	46	299	517	1900	2600	4.35
23026	130	200	52	377	654	1700	2300	6.17
23028	140	210	53	428	737	1600	2200	6.87
23030	150	225	56	467	812	1500	2000	8.25
23032	160	240	60	539	944	1400	1900	10.2
23034	170	260	67	609	1110	1300	1700	13.4
23036	180	280	74	710	1290	1200	1600	17.6
23038	190	290	75	736	1370	1100	1500	18.8
23040	200	310	82	890	1670	1000	1400	24.10

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23100 Series

23120	100	165	52	297	493	2200	3000	4.58
23122	110	180	56	346	591	2000	2700	5.76
23124	120	200	62	447	760	1800	2400	8.33
23128	140	225	68	561	934	1500	2100	10.80
23136	180	300	96	1000	1800	1100	1500	28.40
23140	200	340	112	1240	2250	980	1300	43.70
23144	220	370	120	1440	2700	880	1200	54.80

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