

# Spherical Roller Bearings

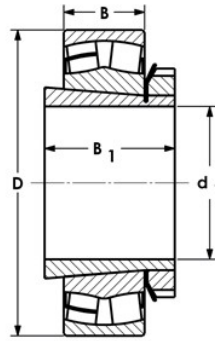


## 222 Series

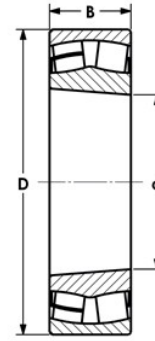
### Tapered & Straight Bores



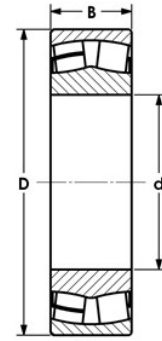
Models Available



Tapered Bore  
Adapter Mounted



Tapered Bore



Straight Bore

### 222 Series (Taper Bores use H300, H3100 or SNW Series Adapters)

Taper Bore Bearing Part No. *	Straight Bore Bearing Part No. *	Dimensions (mm)							Basic Load Ratings in kN		Max. rpm		Weight kg	
		d	D	B	r	d <sub>1</sub> *		B <sub>1</sub>	Dynamic	Static	Grease	Oil	Bearing	Sleeve
						mm	in		C	C <sub>0</sub>				
22205K	22205	25	52	18	1.0	20	3/4	29	35	35	9000	12000	0.2	0.1
22206K	22206	30	62	20	1.0	25	15/16, 1	31	48	52	7500	9500	0.2	0.1
22207K	22207	35	72	23	1.1	30	1-3/16	35	67	73	6300	8000	0.4	0.1
22208K	22208	40	80	23	1.1	35	—	36	73	81	6000	7500	0.5	0.2
22209K	22209	45	85	23	1.1	40	1-7/16, 1-1/2	39	77	88	5600	7000	0.5	0.2
22210K	22210	50	90	23	1.1	45	1-11/16, 1-3/4	42	84	100	5300	6700	0.6	0.3
22211K	22211	55	100	25	1.5	50	1-15/16, 2	45	115	137	4500	5600	0.8	0.3
22212K	22212	60	110	28	1.5	55	—	47	122	146	4000	5000	1.1	0.4
22213K	22213	65	120	31	1.5	60	2-3/16, 2-1/4	50	148	183	3600	4500	1.4	0.5
22214K	22214	70	125	31	1.5	60	—	52	148	185	3600	4500	1.5	0.7
22215K	22215	75	130	31	1.5	65	2-7/16, 2-1/2	55	156	205	3400	4300	1.6	0.9
22216K	22216	80	140	33	2.0	70	2-11/16, 2-3/4	59	175	225	3200	4000	2.0	1.0
22217K	22217	85	150	36	2.0	75	2-15/16, 3	63	210	270	3000	3800	2.5	1.2
22218K	22218	90	160	40	2.0	80	3-3/16, 3-1/4	65	250	340	2600	3400	3.2	1.4
22219K	22219	95	170	43	2.1	85	—	68	280	370	2400	3200	3.9	1.6
22220K	22220	100	180	46	2.1	90	3-7/16, 3-1/2	71	310	410	2200	3000	4.7	1.7
22222K	22222	110	200	53	2.1	100	3-15/16, 4	77	405	550	2000	2800	6.7	2.2
22224K	22224	120	215	58	2.1	110	4-3/16, 4-1/4	88	465	665	1800	2400	8.4	2.7
22226K	22226	130	230	64	3.0	115	4-7/16, 4-1/2	92	545	800	1700	2200	10.5	3.7
22228K	22228	140	250	68	3.0	125	4-15/16, 5	97	605	900	1600	2000	13.4	4.4
22230K	22230	150	270	73	3.0	135	5-3/16, 5-1/4	111	730	1075	1500	1900	16.9	5.5
22232K	22232	160	290	80	3.0	140	5-7/16, 5-1/2	119	860	1285	1400	1800	21.7	7.7
22234K	22234	170	310	86	4.0	150	5-15/16, 6	122	975	1450	1300	1700	28.5	8.4
22236K	22236	180	320	86	4.0	160	6-7/16, 6-1/2	131	1000	1550	1300	1700	29.5	9.5
22238K	22238	190	340	92	4.0	170	6-15/16, 7	141	1100	1700	1200	1600	36.5	11.0
22240K	22240	200	360	98	4.0	180	7-3/16	150	1250	1900	1100	1500	43.5	12.0
22244K	22244	220	400	108	4.0	200	7-15/16, 8	161	1500	2300	950	1300	60.0	14.7

\*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 H300 or H3100 Series adapters or SNW.