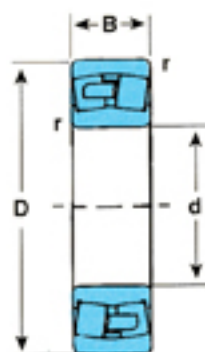


SPHERICAL ROLLER BEARINGS

SERIES 222



Cylindrical bore
222



Tapered bore
222K

SST Bearing No.		Bore d		Outer Diameter D		Width B		Radius r		Basic Load Ratings		Weight (lbs.)	
		mm	in.	mm	in.	mm	in.	mm	in.	Dynamic C (lbs.)	Static C ₀ (lbs.)	222	222K
22205	22205K	25	0.9843	52	2.042	18	0.7087	1.5	0.059	6950	4800	0.40	0.39
22206	22206K	30	1.1811	62	2.4409	20	0.7874	1.5	0.059	9500	6700	0.62	0.60
22207	22207K	35	1.3780	72	2.8346	23	0.9055	2.0	0.079	12200	9150	0.95	0.93
22208	22208K	40	1.5748	80	3.1496	23	0.9055	2.0	0.079	17800	19900	1.21	1.19
22209	22209K	45	1.7717	85	3.3465	23	0.9055	2.0	0.079	18600	21400	1.32	1.30
22210	22210K	50	1.9685	90	3.5433	23	0.9055	2.0	0.079	19300	23000	1.44	1.41
22211	22211K	55	2.1654	100	3.9370	25	0.9843	2.5	0.098	21000	24700	1.92	1.88
22212	22212K	60	2.3622	110	4.3307	28	1.1024	2.5	0.098	25700	33000	2.65	2.60
22213	22213K	65	2.5591	120	4.7244	31	1.2205	2.5	0.098	32000	40500	3.42	3.35
22214	22214K	70	2.7559	125	4.9213	31	1.2205	2.5	0.098	34500	45000	3.64	3.57
22215	22215K	75	2.9528	130	5.1181	31	1.2205	2.5	0.098	37000	50000	3.86	3.77
22216	22216K	80	3.1496	140	5.5118	33	1.2992	3.0	0.118	40500	53500	4.76	4.67
22217	22217K	85	3.3465	150	5.9055	36	1.4173	3.0	0.118	46500	61500	6.06	5.93
22218	22218K	90	3.5433	160	6.2992	40	1.5748	3.0	0.118	57500	77500	7.83	7.67
22219	22219K	95	3.7402	170	6.6929	43	1.6929	3.5	0.138	65500	86500	9.26	9.06
22220	22220K	100	3.9370	180	7.0866	46	1.8110	3.5	0.138	70000	92500	11.40	11.10
22222	22222K	110	4.3307	200	7.8740	53	2.0866	3.5	0.138	92500	128000	16.30	16.00
22224	22224K	120	4.7244	215	8.4646	58	2.2835	3.5	0.138	109000	158000	20.30	19.90
22226	22226K	130	5.1181	230	9.0551	64	2.5197	4.0	0.157	127000	176000	25.10	24.50
22228	22228K	140	5.5118	250	9.8425	68	2.6772	4.0	0.157	153000	218000	32.00	31.10
22230	22230K	150	5.9055	270	10.6299	73	2.8740	4.0	0.157	174000	262000	40.80	39.90
22232	22232K	160	6.2992	290	11.4173	80	3.1496	4.0	0.157	195000	290000	51.20	50.00
22234	22234K	170	6.6929	310	12.2047	86	3.3858	5.0	0.197	225000	340000	63.90	62.60
22236	22236K	180	7.0866	320	12.5984	86	3.3858	5.0	0.197	233000	360000	66.60	65.00
22238	22238K	190	7.4803	340	13.3858	92	3.6220	5.0	0.197	260000	410000	81.60	79.80
22240	22240K	200	7.8740	360	14.1732	98	3.8583	5.0	0.197	295000	450000	98.10	95.90
22244	22244K	220	8.6614	400	15.7480	108	4.2520	5.0	0.197	350000	545000	136.00	133.00
22248	22248K	240	9.4488	440	17.3228	120	4.7244	5.0	0.197	430000	680000	183.00	179.00
22252	22252K	260	10.2362	480	18.8976	130	5.1181	6.0	0.236	500000	805000	240.00	236.00
22256	22256K	280	11.0236	500	19.6850	130	5.1181	6.0	0.236	520000	855000	249.00	245.00
22260	22260K	300	11.8110	540	21.2598	140	5.5118	6.0	0.236	600000	975000	315.00	309.00
22264	22264K	320	12.5984	580	22.8346	150	5.9055	6.0	0.236	695000	1140000	386.00	377.00

Note: Oil lube hole is optional for all sizes and is designated with the suffix "W33" (e.g., 22232W33).
Suffix "M" denotes brass or bronze retainer.