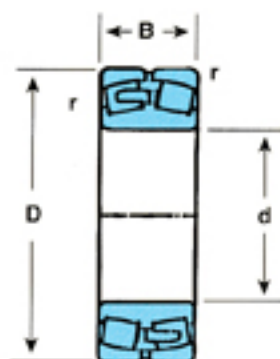
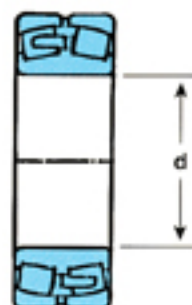


SPHERICAL ROLLER BEARINGS

SERIES 231



Cylindrical bore
231



Tapered bore
231K

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.)	231	231K
23122	23122K	110	4.3307	180	7.0866	56	2.2047	3.0	0.118	83000	131000	12.90	12.50
23124	23124K	120	4.7244	200	7.8740	62	2.4409	3.0	0.118	102000	158000	17.90	17.40
23126	23126K	130	5.1181	210	8.2677	64	2.5197	3.0	0.118	111000	179000	19.60	19.00
23128	23128K	140	5.5118	225	8.8583	68	2.6772	3.5	0.138	121000	201000	23.60	22.90
23130	23130K	150	5.9055	250	9.8425	80	3.1496	3.5	0.138	165000	268000	36.20	35.10
23132	23132K	160	6.2992	270	10.6299	86	3.3858	3.5	0.138	189000	310000	45.90	44.50
23134	23134K	170	6.6929	280	11.0236	88	3.4646	3.5	0.138	199000	335000	49.20	47.60
23136	23136K	180	7.0866	300	11.8110	96	3.7795	4.0	0.157	232000	390000	62.40	60.40
23138	23138K	190	7.4803	320	12.5984	104	4.0945	4.0	0.157	268000	455000	77.80	75.40
23140	23140K	200	7.8740	340	13.3858	112	4.4094	4.0	0.157	305000	510000	95.70	92.80
23144	23144K	220	8.6614	370	14.5669	120	4.7244	5.0	0.197	350000	610000	120.00	116.00
23148	23148K	240	9.4488	400	15.7480	128	5.0394	5.0	0.197	390000	690000	148.00	144.00
23152	23152K	260	10.2362	440	17.3228	144	5.6693	5.0	0.197	470000	845000	205.00	199.00
23156	23156K	280	11.0236	460	18.1102	146	5.7480	6.0	0.236	505000	930000	219.00	213.00
23164	23164K	320	12.5984	540	21.2598	176	6.9291	6.0	0.236	700000	1300000	375.00	364.00
23168	23168K	340	13.3858	580	22.8364	190	7.4803	6.0	0.236	810000	1480000	474.00	461.00
23172	23172K	360	14.1732	600	23.6220	192	7.5591	6.0	0.236	845000	1580000	501.00	485.00
23176	23176K	380	14.9606	620	24.4094	194	7.6378	6.0	0.236	880000	1690000	527.00	512.00
23180	23180K	400	15.7480	650	25.5906	200	7.8740	8.0	0.315	940000	1810000	593.00	576.00
23184	23184K	420	16.5354	700	27.5591	224	8.8189	8.0	0.315	1150000	2200000	796.00	772.00
23188	23188K	440	17.3228	720	28.3465	226	8.8976	8.0	0.315	1170000	2260000	829.00	803.00
23192	23192K	460	18.1102	760	29.9213	240	9.4488	10.0	0.394	1290000	2560000	986.00	955.00
23196	23196K	480	18.8976	790	31.1024	248	9.7638	10.0	0.394	1410000	2810000	1100.00	1070.00
231500	231500K	500	19.6850	830	32.6772	264	10.3937	10.0	0.394	1540000	3050000	1300.00	1260.00
231530	231530K	530	20.8661	870	34.2520	272	10.7087	10.0	0.394	1570000	3200000	1460.00	—
231600	231600K	600	23.6220	980	38.5827	300	11.8110	10.0	0.394	2030000	4150000	2030.00	—
231630	231630K	630	24.8031	1030	40.5512	315	12.4016	10.0	0.394	2150000	4450000	2360.00	—
231670	231670K	670	26.3780	1090	42.9134	336	13.2283	10.0	0.394	2530000	5300000	2800.00	—
231710	231710K	710	27.9528	1150	45.2756	345	13.5827	12.0	0.472	2620000	5600000	3180.00	—

Note: Oil lube hole is optional for all sizes and is designated with the suffix "W33" (e.g., 23152W33).
Suffix "M" denotes brass or bronze retainer.