

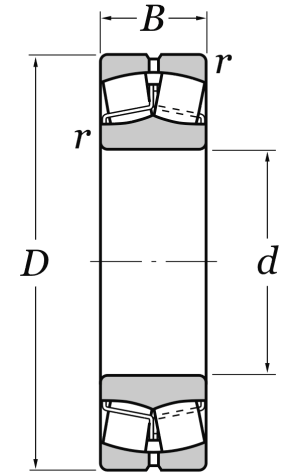
HMS INDUSTRIES

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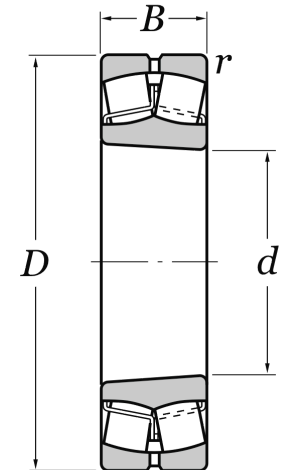
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222 Series – Spherical Roller Bearings

Bearing No.		Bore (<i>d</i>)		Outer Diameter (<i>D</i>)		Width (<i>B</i>)		Fillet Radius (<i>r</i>) (minimum)		Basic Load Ratings lbs	
222	222K	mm	in	mm	in	mm	in	mm	in	Dynamic C	Static C ₀
22208	22208K	40	1.5748	80	3.1496	23	.9055	1.1	.043	17,800	19,900
22209	22209K	45	1.7717	85	3.3465	23	.9055	1.1	.043	18,600	21,400
22210	22210K	50	1.9685	90	3.5433	23	.9055	1.1	.043	19,300	23,000
22211	22211K	55	2.1654	100	3.937	25	.9843	2	.079	26,460	32,413
22212	22212K	60	2.3622	110	4.3307	28	1.1024	2	.079	33,736	40,792
22213	22213K	65	2.5591	120	4.7244	31	1.2205	2	.079	39,690	48,951
22214	22214K	70	2.7559	125	4.9213	31	1.2205	2	.079	41,233	52,038
22215	22215K	75	2.9528	130	5.1181	31	1.2205	2	.079	42,777	55,345
22216	22216K	80	3.1496	140	5.5118	33	1.2992	2.5	.098	47,848	62,181
22217	22217K	85	3.3465	150	5.9055	36	1.4173	2.5	.098	56,448	71,662
22218	22218K	90	3.5433	160	6.2992	40	1.5748	2.5	.098	65,709	87,097
22219	22219K	95	3.7402	170	6.692	43	1.6929	2.5	.098	65,500	86,500
22220	22220K	100	3.937	180	7.0865	46	1.811	2.5	.098	70,000	92,500
22222	22222K	110	4.3307	200	7.874	53	2.0866	2.5	.098	92,500	128,000
22224	22224K	120	4.7244	215	8.4646	58	2.2835	2.5	.098	109,000	158,000
22226	22226K	130	5.1181	230	9.0551	64	2.5197	3	.118	127,000	176,000
22228	22228K	140	5.5118	250	9.8425	68	2.6772	3	.118	153,000	218,000
22230	22230K	150	5.9055	270	10.6299	73	2.874	3	.118	174,000	262,000
22232	22232K	160	6.2992	290	11.4173	80	3.1496	3	.118	195,000	290,000
22234	22234K	170	6.6929	310	12.2047	86	3.3858	4	.157	225,000	340,000
22236	22236K	180	7.0866	320	12.5984	86	3.3858	4	.157	233,000	360,000
22238	22238K	190	7.4803	340	13.3858	92	3.622	4	.157	260,000	410,000
22240	22240K	200	7.874	360	14.1732	98	3.8583	4	.157	295,000	450,000
22244	22244K	220	8.6614	400	15.748	108	4.252	4	.157	350,000	545,000
22248	22248K	240	9.4488	440	17.3228	120	4.7244	4	.157	430,000	680,000
22252	22252K	260	10.2362	480	18.8976	130	5.1181	5	.197	500,000	805,000
22256	22256K	280	11.0236	500	19.685	130	5.1181	5	.197	520,000	855,000
22260	22260K	300	11.811	540	21.2598	140	5.5118	5	.197	600,000	975,000
22264	22264K	320	12.5984	580	22.8346	150	5.9055	5	.197	695,000	1,140,000



Cylindrical Bore



Tapered Bore