

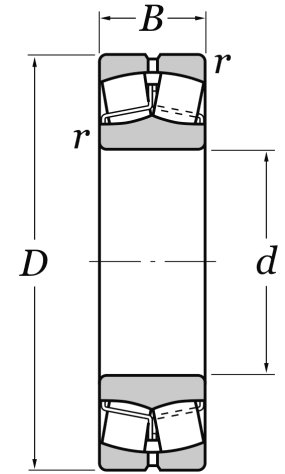
HMS INDUSTRIES

27995 Ranney Parkway • Westlake, Ohio 44145

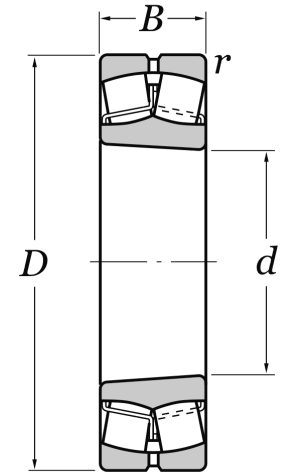
Phone 440-899-0001 • Toll-free 800-522-7127 • Fax 440-899-2661 • Email info@hms-ind.com • Web hms-ind.com

223 Series – Spherical Roller Bearings

Bearing No.		Bore (<i>d</i>)		Outer Diameter (<i>D</i>)		Width (<i>B</i>)		Fillet Radius (<i>r</i>)		Basic Load Ratings lbs	
223	223K	mm	in	mm	in	mm	in	mm	in	Dynamic C	Static C ₀
22308	22308K	40	1.5748	90	3.5433	33	1.2992	1	.039	27,200	28,800
22309	22309K	45	1.7717	100	3.937	36	1.4173	1.5	.059	33,000	37,500
22310	22310K	50	1.9685	110	4.3307	40	1.5748	1.5	.059	42,000	47,500
22311	22311K	55	2.1654	120	4.7244	43	1.6929	2.5	.098	46,000	52,500
22312	22312K	60	2.3622	130	5.1181	46	1.811	2.5	.098	53,000	60,500
22313	22313K	65	2.5591	140	5.5118	48	1.8898	2.5	.098	59,500	71,000
22314	22314K	70	2.7559	150	5.9055	51	2.0079	2.5	.098	72,500	85,000
22315	22315K	75	2.9528	160	6.2992	55	2.1654	2.5	.098	74,000	92,000
22316	22316K	80	3.1496	170	6.6929	58	2.2835	2.5	.098	86,000	105,000
22317	22317K	85	3.3465	180	7.0866	60	2.3622	3	.118	93,500	115,000
22318	22318K	90	3.5433	190	7.4803	64	2.5197	3	.118	107,000	132,000
22319	22319K	95	3.7402	200	7.874	67	2.6378	3	.118	112,000	138,000
22320	22320K	100	3.937	215	8.4646	73	2.874	3	.118	136,000	169,000
22322	22322K	110	4.3307	240	9.4488	80	3.1496	3	.118	167,000	209,000
22324	22324K	120	4.7244	260	10.2362	86	3.3858	3	.118	198,000	252,000
22326	22326K	130	5.1181	280	11.0236	93	3.6614	4	.157	221,000	282,000
22328	22328K	140	5.5118	300	11.811	102	4.0157	4	.157	250,000	320,000
22330	22330K	150	5.9055	320	12.5984	108	4.252	4	.157	281,000	385,000
22332	22332K	160	6.2992	340	13.3858	114	4.4882	4	.157	315,000	440,000
22334	22334K	170	6.6929	360	14.1732	120	4.7244	4	.157	340,000	480,000
22336	22336K	180	7.0866	380	14.9606	126	4.9606	4	.157	385,000	565,000
22338	22338K	190	7.4803	400	15.748	132	5.1969	5	.197	415,000	615,000
22340	22340K	200	7.874	420	16.5354	138	5.4331	5	.197	460,000	680,000
22344	22344K	220	8.6614	460	18.1102	145	5.7087	5	.197	530,000	790,000
22348	22348K	240	9.4488	500	19.685	155	6.1024	5	.197	605,000	910,000
22352	22352K	260	10.2362	540	21.2598	165	6.4961	5	.197	695,000	1,060,000
22356	22356K	280	11.0236	580	22.8346	175	6.8898	6	.236	790,000	1,200,000
22360	22360K	300	11.811	620	24.4094	185	7.2835	7.5	.295	805,000	1,210,000



Cylindrical Bore



Tapered Bore