

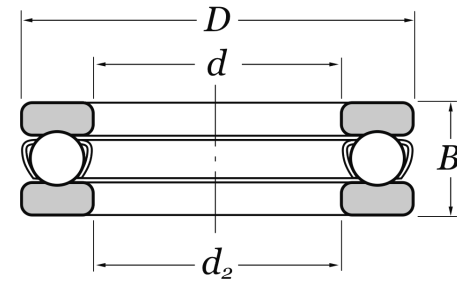
HMS INDUSTRIES

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51100, 51200 Series – Single Direction Thrust Ball Bearings

Bearing No.	Bore				Outer Diameter (<i>D</i>)		Width (<i>B</i>)		Basic Load Ratings lbs		Weight lbs
	<i>d</i>		<i>d₂</i>		mm	in	mm	in	Dynamic <i>C_a</i>	Static <i>C_{0a}</i>	
	mm	in	mm	in							
51100	10	.3937	11	.433	24	.9449	9	.3543	2250	3150	.046
51101	12	.4724	13	.512	26	1.0236	9	.3543	2320	3450	.051
51102	15	.5906	16	.63	28	1.1024	9	.3543	2370	3750	.053
51103	17	.6693	18	.709	30	1.1811	9	.3543	2430	4100	.057
51104	20	.7874	21	.827	35	1.378	10	.3937	3200	5550	.088
51105	25	.9843	26	1.024	42	1.6535	11	.4331	4400	8350	.132
51106	30	1.1811	32	1.26	47	1.8504	11	.4331	4600	9500	.152
51107	35	1.378	37	1.457	52	2.0472	12	.4724	4600	10000	.187
51108	40	1.5748	42	1.654	60	2.3622	13	.5118	6050	14100	.276
51109	45	1.7717	47	1.85	65	2.5591	14	.5512	6250	15500	.326
51110	50	1.9685	52	2.047	70	2.7559	14	.5512	6450	17000	.355
51111	55	2.1654	57	2.244	78	3.0709	16	.6299	7800	20900	.498
51112	60	2.3622	62	2.441	85	3.3465	17	.6693	9300	25300	.653
51113	65	2.5591	67	2.638	90	3.5433	18	.7087	9400	26400	.745
51114	70	2.7559	72	2.835	95	3.7402	18	.7087	9700	28500	.785
51115	75	2.9528	77	3.031	100	3.937	19	.748	10000	30500	.88



51200	10	.3937	12	.472	26	1.0236	11	.4331	2850	3850	.066
51201	12	.4724	14	.551	28	1.1024	11	.4331	2960	4250	.075
51202	15	.5906	17	.669	32	1.2598	12	.4724	3750	5600	.101
51203	17	.6693	19	.748	35	1.378	12	.4724	3850	6150	.119
51204	20	.7874	22	.866	40	1.5748	14	.5512	5000	8500	.179
51205	25	.9843	27	1.063	47	1.8504	15	.5906	6250	11300	.245
51206	30	1.1811	32	1.26	52	2.0472	16	.6299	6600	13100	.306
51207	35	1.378	37	1.457	62	2.4409	18	.7087	8800	17600	.474
51208	40	1.5748	42	1.654	68	2.6772	19	.748	10000	22100	.608
51209	45	1.7717	47	1.85	73	2.874	20	.7874	10700	23600	.699
51210	50	1.9685	52	2.047	78	3.0709	22	.8661	10900	25100	.833
51211	55	2.1654	57	2.244	90	3.5433	25	.9843	15600	35500	1.34
51212	60	2.3622	62	2.441	95	3.7402	26	1.0236	16500	40000	1.49
51213	65	2.5591	67	2.638	100	3.937	27	1.063	16800	42500	1.69
51214	70	2.7559	72	2.835	105	4.1339	27	1.063	17100	44500	1.75
51215	75	2.9528	77	3.031	110	4.3307	27	1.063	17400	47000	1.93