

HMS INDUSTRIES

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6200 Series – Radial Ball Bearings



Bearing No.	Bore (d)		Outer Diameter (D)		Width (B)		Radius (r)		Basic Load Ratings lbs		Weight lbs
	mm	in	mm	in	mm	in	mm	in	Dynamic C	Static C ₀	
6200	10	.3937	30	1.1811	9	.3543	1	.039	1340	585	.071
6201	12	.4724	32	1.2598	10	.3937	1	.039	1560	695	.082
6201-1/2	12.7	.5	32	1.2598	10	.3937	1	.039	1560	695	.082
6201-13	13	.5118	32	1.2598	10	.3937	1	.039	1560	695	.082
6202	15	.5906	35	1.378	11	.4331	1	.039	1730	850	.099
6202-1/2	12.7	.5	35	1.378	11	.4331	1	.039	1730	850	.11
6202-5/8	15.875	.625	35	1.378	11	.4331	1	.039	1730	850	.09
6202-16	16	.6299	35	1.378	11	.4331	1	.039	1730	850	.09
6203	17	.6693	40	1.5748	12	.4724	1	.039	2160	1060	.143
6203-1/2	12.7	.5	40	1.5748	12	.4724	1	.039	2160	1060	.154
6203-15	15	.5906	40	1.5748	12	.4724	1	.039	2160	1060	.148
6203-5/8	15.875	.625	40	1.5748	12	.4724	1	.039	2160	1060	.15
6203-16	16	.6299	40	1.5748	12	.4724	1	.039	2160	1060	.15
6203-3/4	19.05	.75	40	1.5748	12	.4724	1	.039	2160	1060	.14
6204	20	.7874	47	1.8504	14	.5512	1.5	.059	2900	1500	.234
6204-3/4	19.05	.75	47	1.8504	14	.5512	1.5	.059	2900	1500	.236
6204-7/8	22.225	.875	47	1.8504	14	.5512	1.5	.059	2900	1500	.23
6205	25	.9843	52	2.0472	15	.5906	1.5	.059	3200	1800	.282
6205-1	25.4	1	52	2.0472	15	.5906	1.5	.059	3200	1800	.28
6206	30	1.1811	62	2.4409	16	.6299	1.5	.059	4400	2550	.439
6207	35	1.378	72	2.8346	17	.6693	2	.079	5700	3450	.635
6208	40	1.5748	80	3.1496	18	.7087	2	.079	6550	4000	.807
6209	45	1.7717	85	3.3465	19	.7480	2	.079	7350	4550	.897
6210	50	1.9685	90	3.5433	20	.7874	2	.079	8150	5400	1.02
6211	55	2.1654	100	3.937	21	.8268	2.5	.098	9800	6550	1.34
6212	60	2.3622	110	4.3307	22	.8661	2.5	.098	11600	8150	1.73
6213	65	2.5591	120	4.7244	23	.9055	2.5	.098	13400	9300	2.18
6214	70	2.7559	125	4.9213	24	.9449	2.5	.098	14000	10000	2.36
6215	75	2.9528	130	5.1181	25	.9843	2.5	.098	15000	11000	2.6
6216	80	3.1496	140	5.5118	26	1.0236	3	.118	16300	12000	3.09
6217	85	3.3465	150	5.9055	28	1.1024	3	.118	18600	14300	3.95
6218	90	3.5433	160	6.2992	30	1.1811	3	.118	21600	16000	4.74
6219	95	3.7402	170	6.6929	32	1.2598	3.5	.138	24500	18300	5.78
6220	100	3.937	180	7.0866	34	1.3386	3.5	.138	27500	20800	6.92
6221	105	4.1339	190	7.4803	36	1.4173	3.5	.138	30000	23600	8.16
6222	110	4.3307	200	7.874	38	1.4961	3.5	.138	32500	26000	9.61
6224	120	4.7244	215	8.4646	40	1.5748	3.5	.138	32500	27500	11.4
6226	130	5.1181	230	9.0551	40	1.5748	4	.157	37500	32500	12.8
6228	140	5.5118	250	9.8425	42	1.6535	4	.157	40000	37500	16.5
6230	150	5.9055	270	10.6299	45	1.7717	4	.157	40000	38000	20.7
6232	160	6.2992	290	11.4173	48	1.8898	4	.157	43000	43000	31.5
6234	170	6.6929	310	12.2047	52	2.0472	5	.197	47500	50000	38.6
6236	180	7.0866	320	12.5984	52	2.0472	5	.197	51000	55000	40.3
6238	190	7.4803	340	13.3858	55	2.1654	5	.197	57000	63000	50.7
6240	200	7.874	360	14.1732	58	2.2835	5	.197	60000	69500	62.2

