

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

6900 Series – Radial Ball Bearings



Bearing No.	Bore (<i>d</i>)		Outer Diameter (<i>D</i>)		Width (<i>B</i>)		Radius (<i>r</i>)		Basic Load Ratings lbs		Weight lbs
	mm	in	mm	in	mm	in	mm	in	Dynamic <i>C</i>	Static <i>C₀</i>	
6900	10	.3937	22	.8661	6	.2362	.5	.02	605	284	.02
6901	12	.4724	24	.9449	6	.2362	.5	.02	649	328	.024
6902	15	.5906	28	1.1024	7	.2756	.5	.02	968	506	.035
6903	17	.6693	30	1.1811	7	.2756	.5	.02	1030	572	.04
6904	20	.7874	37	1.4567	9	.3543	.5	.02	1430	825	.079
6905	25	.9843	42	1.6535	9	.3543	.5	.02	1570	1010	.093
6906	30	1.1811	47	1.8504	9	.3543	.5	.02	1630	1120	.106
6907	35	1.378	55	2.1654	10	.3937	1	.039	2380	1630	.163
6908	40	1.5748	62	2.4409	12	.4724	1	.039	3060	2240	.243
6909	45	1.7717	68	2.6772	12	.4724	1	.039	3170	2440	.282
6910	50	1.9685	72	2.8346	12	.4724	1	.039	3260	2640	.291
6911	55	2.1654	80	3.1496	13	.5118	1.5	.059	3590	2970	.397
6912	60	2.3622	85	3.3465	13	.5118	1.5	.059	4360	3650	.425
6913	65	2.5591	90	3.5433	13	.5118	1.5	.059	3890	3610	.454
6914	70	2.7559	100	3.937	16	.6299	1.5	.059	5320	4750	.736
6915	75	2.9528	105	4.1339	16	.6299	1.5	.059	5460	5060	.778
6916	80	3.1496	110	4.3307	16	.6299	2	.079	5590	5390	.822
6917	85	3.3465	120	4.7244	18	.7087	2	.079	7150	6600	1.18
6918	90	3.5433	125	4.9213	18	.7087	2	.079	7370	7040	1.22
6919	95	3.7402	130	5.1181	18	.7087	2	.079	7590	7480	1.28
6920	100	3.937	140	5.5118	20	.7874	2	.079	9570	9350	1.73
6921	105	4.1339	145	5.7087	20	.7874	2	.079	9460	9460	1.80
6922	110	4.3307	150	5.9055	20	.7874	2	.079	9790	10000	1.87
6924	120	4.7244	165	6.4961	22	.8661	2	.079	11900	12100	2.54
6926	130	5.1181	180	7.0866	24	.9449	2	.079	14600	15100	4.10
6928	140	5.5118	190	7.4603	24	9.449	2	.079	15000	16100	4.36
6930	150	5.9055	210	8.2677	28	1.1024	2	.079	19000	20200	6.72
6932	160	6.2992	220	8.6614	28	1.1024	2	.079	19500	21600	7.05
6934	170	6.6929	230	9.0551	28	1.1024	2	.079	19300	21700	7.38
6936	180	7.0866	250	9.8425	33	1.2992	2	.079	26600	28800	10.8
6938	190	7.4803	260	10.2362	33	1.2992	2	.079	25300	28600	11.5
6940	200	7.874	280	11.0236	38	1.4961	2	.079	32100	35400	16.1

