

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

R-Series – Miniature Ball Bearings (inch)



Bearing No.	Bore (d)		Outer Diameter (D)		Width (B)		Radius (r)	Basic Load Ratings lbs		Weight lbs (Open)
	mm	in		in	Open inch	Shld/Seal inch	in	Dynamic C	Static C_0	
R2	3.175	.1250	9.525	.3750	.1562	.1562	.012	110	48	0.003
R2A	3.175	.1250	12.700	.5000	.1719	.1719	.012	112	48	0.006
R3	4.763	.1875	12.700	.5000	.1562	.1960	.012	200	93	0.005
R4	6.350	.2500	15.875	.6250	.1960	.1960	.012	280	134	0.009
R4A	6.350	.2500	19.050	.7500	.2188	.2812	.016	425	220	0.018
R6	9.525	.3750	22.225	.8750	.2188	.2812	.016	570	305	0.021
R8	12.700	.5000	28.575	1.1250	.2500	.3125	.016	880	500	0.04
R10	15.875	.6250	34.925	1.3750	.2812	.3438	.031	1060	620	0.067
R12	19.050	.7500	41.275	1.6250	.3125	.4375	.031	1340	865	0.100
R14	22.225	.8750	47.625	1.8750	.3750	.5000	.031	1730	1100	0.159
R16	25.400	1.0000	50.800	2.0000	.3750	.5000	.031	1930	1290	0.178
R18	28.575	1.1250	53.975	2.1250	.3750	.5000	.031	1930	1290	0.194
R20	31.750	1.2500	57.150	2.2500	.3750	.5000	.031	2120	1560	0.200
R22	34.925	1.3750	63.500	2.5000	.4375	.5625	.031	2360	1700	0.293
R24	38.100	1.5000	66.675	2.6250	.4375	.5625	.031	2500	1830	0.323

