

# HMS INDUSTRIES

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## 6400 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 <sub>0</sub>	
6403	17	0.6693	62	2.4409	17	0.6693	1	0.039	5300	2500	0.6
6404	20	0.7874	72	2.8346	19	0.748	1	0.039	6950	3350	0.9
6405	25	0.9843	80	3.1496	21	0.8268	1.5	0.059	8150	4300	1.19
6406	30	1.1811	90	3.5433	23	0.9055	1.5	0.059	9500	5200	1.59
6407	35	1.378	100	3.937	25	0.9843	1.5	0.059	12200	6950	2.06
6408	40	1.5748	110	4.3307	27	1.063	2	0.079	14300	8150	2.69
6409	45	1.7717	120	4.7244	29	1.1417	2	0.079	17300	10200	3.41
6410	50	1.9685	130	5.1181	31	1.2205	2	0.079	19600	11600	4.2
6411	55	2.1654	140	5.5118	33	1.2992	2	0.079	22400	14000	5.13
6412	60	2.3622	150	5.9055	35	1.378	2	0.079	24500	15600	6.22
6413	65	2.5591	160	6.2992	37	1.4567	2	0.079	26500	17600	7.44
6414	70	2.7559	180	7.0866	42	1.6235	2.5	0.098	32000	23200	11
6415	75	2.9528	190	7.4803	45	1.7717	2.5	0.098	34500	25500	13.1
6416	80	3.1496	200	7.874	48	1.8898	2.5	0.098	36500	28000	15.3
6417	85	3.3465	210	8.2677	52	2.0472	3	0.118	39000	30500	18.8
6418	90	3.5433	225	8.8583	54	2.126	3	0.118	44000	36500	25.4

