



COM Series Two-Piece Commercial Spherical Bearings

PART NUMBER	BORE B +.0015 -.0005	OUTSIDE DIA. D +.0000 -.0007	BALL WIDTH W +.005 -.005	RACE WIDTH H +.010 -.010	CHAMFER C REF.	BALL DIA. REF.	BALL FLAT DIA. O REF.	MAX. STATIC RADIAL LOAD LBS.	MIS-ALIGNMENT ANGLE b_2 DEG. +/-	APPROX. WEIGHT LBS.
COM-3	.1900	.5625	.281	.218	.025	.406	.293	3,250	11½	.02
COM-4	.2500	.6562	.343	.250	.025	.500	.364	4,900	13½	.02
COM-5	.3125	.7500	.375	.281	.025	.562	.419	6,450	12	.03
COM-6	.3750	.8125	.406	.312	.030	.656	.515	8,250	10	.04
COM-7	.4375	.9062	.437	.343	.035	.687	.530	10,200	9½	.05
COM-8	.5000	1.0000	.500	.390	.035	.781	.600	13,600	10	.07
COM-10	.6250	1.1875	.625	.500	.035	.968	.739	21,000	9	.12
COM-12	.7500	1.4375	.750	.593	.045	1.187	.920	30,000	9	.21
COM-14	.8750	1.5625	.875	.703	.045	1.312	.980	41,100	9½	.27
COM-16	1.0000	1.7500	1.000	.797	.045	1.500	1.118	54,700	9½	.38

COM commercial series spherical bearings are an economical alternative in a wide variety of industrial applications where a precision ball bore and close tolerances are not required.

MATERIAL SPECIFICATIONS
OUTER RACE - Carbon steel with protective coating for corrosion resistance
BALL - Alloy steel, heat treated, chrome plated

NOTES

1. For design modifications, see page 173.
2. For mounting information, see Recommended Housing Bore Diameters, page 172.