Spherical Plain Bearings

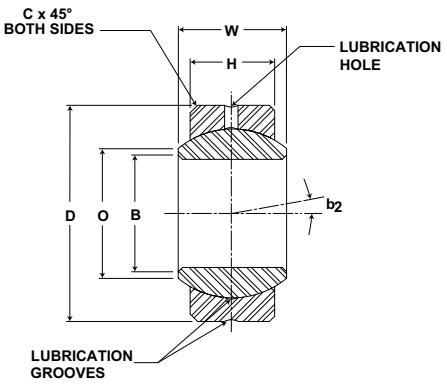
SEALMASTER®



Basic Construction Type: 2 pc. General Purpose, Commercial

Race Material: Carbon Steel with Protective Plating for Corrosion Resistance

Ball Material: Alloy Steel, Heat Treated, Chrome Plated



COM Series Spherical Plain Bearings

Part No.	Dimensions inch / mm							Max Static Radial Load lb/N	Misalignment Angle b_2	Unit Wt. lb/kg
	B	D	W	H	C	Ball Diam.	O			
	+.0015 -.0005	+.0000 -.0007	+.000 -.005	+.005 -.005	Ref.	Ref.	Ref.		Deg. +/-	
COM-3	.1900	.5625	.281	.218	.025	.406	.293	3250	11 1/2	.020
	4.826	14.288	7.14	5.54	.64	10.31	7.44	14457		.009
COM-4	.2500	.6562	.343	.250	.025	.500	.364	4900	13 1/2	.020
	6.350	16.667	8.71	6.35	.64	12.70	9.25	21796		.009
COM-5	.3125	.7500	.375	.281	.025	.562	.419	6450	12	.030
	7.938	19.050	9.53	7.14	.64	14.27	10.64	28691		.014
COM-6	.3750	.8125	.406	.312	.030	.656	.515	8250	10	.040
	9.525	20.638	10.31	7.92	.76	16.66	13.08	36698		.018
COM-7	.4375	.9062	.437	.343	.035	.687	.530	10200	9 1/2	.050
	11.113	23.017	11.10	8.71	.89	17.45	13.46	45372		.023
COM-8	.5000	1.0000	.500	.390	.035	.781	.600	13600	10	.070
	12.700	25.400	12.70	9.91	.89	19.84	15.24	60496		.032
COM-10	.6250	1.1875	.625	.500	.035	.968	.739	21000	9	.120
	15.875	30.163	15.88	12.70	.89	24.59	18.77	93413		.054
COM-12	.7500	1.4375	.750	.593	.045	1.187	.920	30000	9	.210
	19.050	36.513	19.05	15.06	1.14	30.15	23.37	133447		.095
COM-14	.8750	1.5625	.875	.703	.045	1.312	.980	41100	9 1/2	.270
	22.225	39.688	22.23	17.86	1.14	33.32	24.89	182822		.122
COM-16	1.0000	1.7500	1.000	.797	.045	1.500	1.118	54700	9 1/2	.380
	25.400	44.450	25.40	20.24	1.14	38.10	28.40	243318		.172

NOTES

1. For mounting information, see Recommended Housing Bore Diameters, page J-43.