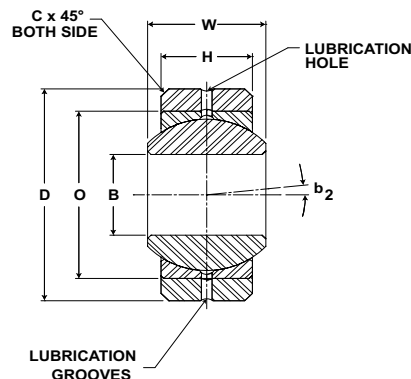




- Basic Construction Type:** 3 pc. General Purpose, Precision
- Outer Member Material:** Carbon Steel with Protective Plating for Corrosion Resistance
- Race Material:** Bronze
- Ball Material:** Alloy Steel, Heat Treated, Chrome Plated



FLBG 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			
	$\begin{smallmatrix} +.0000 \\ -.0005 \end{smallmatrix}$	$\begin{smallmatrix} +.0000 \\ -.0005 \end{smallmatrix}$	$\begin{smallmatrix} +.000 \\ -.005 \end{smallmatrix}$	$\begin{smallmatrix} +.005 \\ -.005 \end{smallmatrix}$	Ref.	Ref.	Ref.		Deg. +/-	
FLBG-3	.1900	.6250	.281	.187	.020	.406	.293	2960	16 1/2	.020
	4.826	15.875	7.14	4.75	.51	10.31	7.44	13167		.009
FLBG-4	.2500	.7500	.375	.281	.020	.500	.331	5240	14 1/2	.040
	6.350	19.050	9.53	7.14	.51	12.70	8.41	23309		.018
FLBG-5	.3125	.8750	.437	.313	.025	.625	.447	6550	14 1/2	.050
	7.938	22.225	11.10	7.95	.64	15.88	11.35	29136		.023
FLBG-6	.3750	1.0000	.500	.375	.025	.718	.517	8600	12 1/2	.080
	9.525	25.400	12.70	9.53	.64	18.24	13.13	38255		.036
FLBG-7	.4375	1.1875	.562	.437	.040	.812	.586	11100	11	.120
	11.113	30.163	14.27	11.10	1.02	20.62	14.88	49375		.054
FLBG-8	.5000	1.3125	.687	.531	.045	.937	.637	15600	12 1/2	.180
	12.700	33.338	17.45	13.49	1.14	23.80	16.18	69392		.082
FLBG-10	.6250	1.5625	.875	.687	.045	1.187	.802	25700	12	.330
	15.875	39.688	22.23	17.45	1.14	30.15	20.37	114319		.150
FLBG-12	.7500	2.2500	1.250	.937	.050	1.625	1.038	47600	15	.970
	19.050	57.150	31.75	23.80	1.27	41.28	26.37	211735		.440
FLBG-16	1.0000	2.3750	1.125	.875	.065	1.750	1.345	48200	10	.940
	25.400	60.325	28.58	22.23	1.65	44.45	34.16	214404		.426

NOTES

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

Metric dimensions for reference only.

Not all parts are available from stock. Please contact customer service for availability (800) 626-2120.

For more information on bearing capabilities outside of our standard offering, please contact Application Engineering (800) 626-2093.