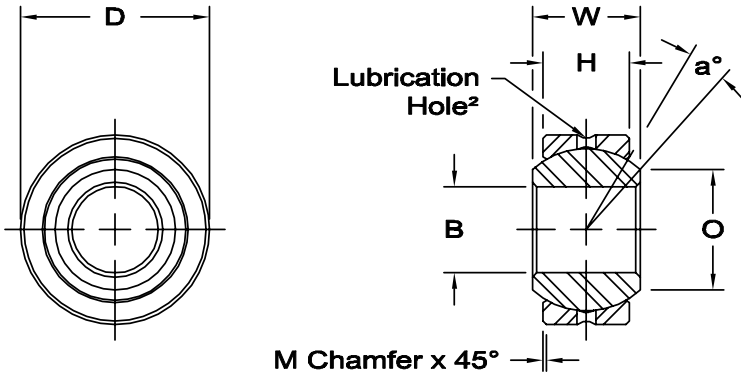




SIB SERIES

Spherical Bearings (PTFE Liners Available)¹



Race - Stainless steel, heat treated.

Ball - Alloy steel, heat treated, hard chrome plated.

Notes - All sizes available with studs upon request.



*Bore Tolerance on these items is as follows - INCH: +.0035, -.0005; METRIC: +.089, -.013

**Check for availability

1 PTFE Liners use suffix T Ex: SIB-6T

2 PTFE Lined parts have no lubrication groove in race. Hole manufactures option.

BEARING NO.	DIMENSIONS IN INCHES							a° Misalign. Angle	Radial Static Limit Load Capacity Lbs.	Approx. Brg. Wt. Lbs.
	B +.0015 -.0005	D +.0000 -.0007	H ± .005	W +.000 -.005	O Flat Dia. Ref.	M Chamfer Ref.	Ball Dia. Ref.			
** SIB-2	.1250	.4062	.187	.250	.187	.025	.312	17	4,110	.02
SIB-3	.1900	.5312	.250	.312	.307	.020	.437	10.5	6,555	.02
SIB-4	.2500	.6094	.281	.375	.331	.020	.500	14.5	8,430	.02
SIB-5	.3125	.7500	.344	.437	.448	.020	.625	11	12,900	.04
SIB-6	.3750	.8437	.406	.500	.516	.020	.719	9.5	17,516	.06
SIB-7	.4375	1.0000	.437	.562	.587	.020	.812	11	21,291	.08
SIB-8	.5000	1.0937	.500	.625	.699	.020	.937	9.5	28,110	.11
SIB-10	.6250	1.3125	.562	.750	.839	.030	1.125	12	37,935	.17
SIB-12	.7500	1.5000	.687	.875	.978	.030	1.312	10	48,672	.25
SIB-14	.8750	1.6250	.750	.875	1.061	.035	1.375	6	58,653	.35
* SIB-16	1.0000	2.1250	1.000	1.375	1.275	.060	1.875	15	90,000	.79

BEARING NO.	DIMENSIONS IN MILLIMETERS							a° Misalign. Angle	Radial Static Limit Load Capacity Newtons	Approx. Brg. Wt. Grams
	B +.038 -.013	D +.000 -.013	H ± .13	W +.00 -.13	O Flat Dia. Ref.	M Chamfer Ref.	Ball Dia. Ref.			
** SIB-2	3.175	10.31	4.74	6.35	4.74	.63	7.92	17	18,281	7
SIB-3	4.826	13.49	6.35	7.92	7.79	.50	11.10	10.5	29,157	7
SIB-4	6.350	15.47	7.13	9.52	8.40	.50	12.70	14.5	37,497	10
SIB-5	7.938	19.05	8.73	11.10	11.37	.50	15.87	11	57,379	18
SIB-6	9.525	21.43	10.31	12.70	13.10	.50	18.26	9.5	77,911	27
SIB-7	11.113	25.40	11.10	14.27	14.91	.50	20.62	11	94,702	36
SIB-8	12.700	27.78	12.70	15.87	17.75	.50	23.80	9.5	125,033	50
SIB-10	15.875	33.33	14.27	19.05	21.31	.76	28.57	12	168,735	75
SIB-12	19.050	38.10	17.45	22.23	24.84	.76	33.32	10	216,493	114
SIB-14	22.225	41.28	19.05	22.23	26.95	.89	34.93	6	260,889	159
* SIB-16	25.400	53.97	25.40	34.92	32.38	1.52	47.62	15	400,320	358

Studs available per notes and comments, page 76
For suggested housing bores, see page 110