

BEARINGS

SPHERICAL BEARINGS SERIES LS, LSS, LHA



SPECIFICATIONS:

LS SERIES

Outer Member: Carbon Steel, with protective coating for corrosion resistance on all surfaces exposed after installation.

Ball: SAE 52100 Steel, Heat Treated.

Inserts: Brass.

LSS SERIES

Outer Member: 4130 or 4340 Alloy steel, heat treated, with protective coating for corrosion resistance on all surfaces exposed after installation.

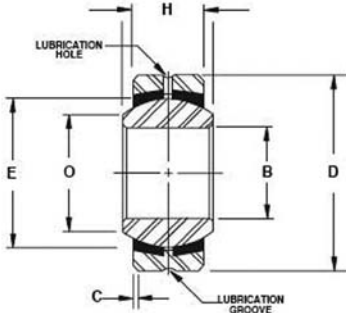
Ball: 52100 Alloy steel, heat treated, chrome plated.

Inserts: Copper alloy

LHA SERIES

Outer Member: 4130 or 4340 Alloy steel, heat treated, with protective coating for corrosion resistance on all surfaces exposed after installation.

Ball: 52100 Alloy steel, heat treated, chrome plated.



AP

Spherical Bearing No.	Dimensions							Max Static Radial load In Pounds Approx.	Approx. Weight in Pounds	Price Each
	Bore	Outside Diam.	Ball Width	Housing Width	Chamfer	Bsll Diameter	Ball Flat Diameter			
	B +.0000 -.0005	D +.0000 -.0005	W +.000 -.005	H +.000 -.005	C +.000 -.005	E REF	O REF			
LS-3	.1900	.6250	.281	.187	.016	.406	.293	2960	.02	.
LS-4	.2500	.7500	.375	.281	.016	.515	.354	5245	.04	.
LS-5	.3125	.8750	.437	.313	.016	.625	.447	6550	.05	.
LS-6	.3750	1.0000	.500	.375	.016	.718	.517	8605	.08	.
LS-8	.5000	1.3125	.687	.531	.044	.937	.637	15600	.18	.
LSS-2	.1650	.4687	.250	.187	.235	.020	11/32	2,000	.01	---
LSS-3	.1900	.5625	.281	.218	.020	.406	.293	2750	.02	.
LSS-4	.2500	.6562	.343	.250	.022	.500	.364	4200	.02	.
LSS-5	.3125	.7500	.375	.281	.022	.562	.419	5800	.03	.
LSS-6	.3750	.8125	.406	.312	.032	.625	.475	7150	.04	.
LSS-8	.5000	1.000	.500	.390	.032	.781	.600	11200	.07	.
LHA-2	.1650	.4687	.250	.187	.020	.343	.235	4400	.01	.
LHA-3	.1900	.5625	.281	.218	.020	.406	.293	6480	.02	.
LHA-4	.2500	.6562	.343	.250	.022	.500	.364	10000	.02	.
LHA-6	.3750	.8125	.406	.312	.032	.625	.475	18750	.04	.
LHA-8	.5000	1.000	.500	.390	.600	.032	25/32	26,900	.07	---

The allowable static axial loads are one-fourth of radial loads given above.