

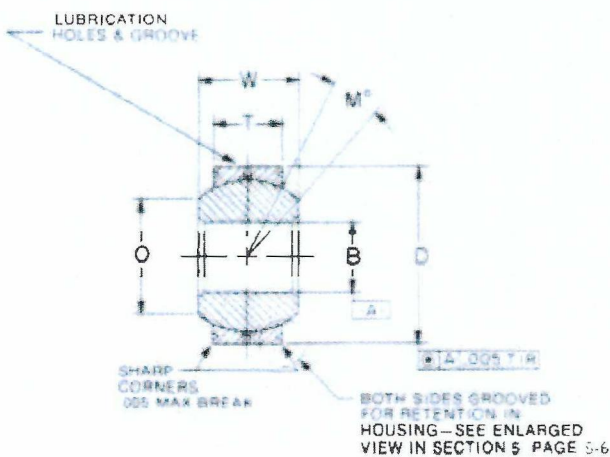


KSB-25 Series

Like KSB series, but has staking groove for retention in housing.
Dimensions apply after cadmium plating (where specified).

SPECIFICATIONS

Basic Spherical Bearing Number	B	O	D	Groove Type (See Sect. 5, P. 5-6)	T	W	Ball Dia.	Recommend Housing Bore Dia.	Static Radial Load Yield Allowable in Pounds		Approx. Bearing Weight Pounds	M° Mis-Alignment ±
	Bore Dia.	Shoulder Dia.	Outside Dia.		Outer Race Width	Ball Width			Alum. Bronze Race	Stainless Steel Race		
KSB3-25	0.1900 + .0000 - .0005	0.296 Ref.	0.5625 + .0000 - .0005	A	0.218 - .005	0.281 + .000 - .005	0.406 Ref.	0.5623 0.5628	2,700	5,400	0.014	11°
KSB4-25	0.2500	0.366	0.6562	A	0.250	0.343	0.500	0.6560 0.6565	4,200	8,400	0.022	13°
KSB5-25	0.3125	0.422	0.7500	B	0.281	0.375	0.562	0.7498 0.7503	5,800	11,600	0.030	12°
KSB6-25	0.3750	0.518	0.8125	B	0.312	0.406	0.656	0.8123 0.8128	6,800	15,600	0.038	10°
KSB7-25	0.4375	0.572	0.9062	B	0.343	0.437	0.718	0.9060 0.9065	8,500	18,600	0.048	9°
KSB8-25	0.5000	0.644	1.0000	C	0.390	0.500	0.813	0.9998 1.0003	11,200	22,400	0.065	9°
KSB9-25	0.5625	0.714	1.0937	C	0.437	0.562	0.906	1.0935 1.0940	15,000	30,000	0.086	9°
KSB10-25	0.6250	0.742	1.1875	C	0.500	0.625	0.968	1.1873 1.1878	20,000	40,000	0.110	9°
KSB12-25	0.7500	0.923	1.4375	C	0.593	0.750	1.187	1.4373 1.4378	30,000	60,000	0.204	9°
KSB14-25	0.8750	0.980	1.5625	C	0.703	0.875	1.312	1.5623 1.5628	43,000	86,000	0.263	9°
KSB16-25	1.0000	1.121	1.7500	C	0.797	1.000	1.500	1.7498 1.7503	52,000	104,000	0.386	10°



MATERIAL CODE

PART NO.	BALL	RACE
Basic Bearing Number as Shown	2 52100 Steel H.T. & Chrome Plated	Alum. Bronze Cad Plated
Basic Bearing Number +SSB	Beryllium Copper Heat Treated	Stainless Steel Heat Treated
Basic Bearing Number +CR	440C Stainless Steel Heat Treated	Stainless Steel Heat Treated

NOTES

- For Ordering Instructions, please refer to Section 5 page 5-3
- At Kahr's option 440C stainless steel may be used as substitute ball material
- All dimensions & tolerances are met after cadmium plating

SARGENT INDUSTRIES

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