

KSB Series

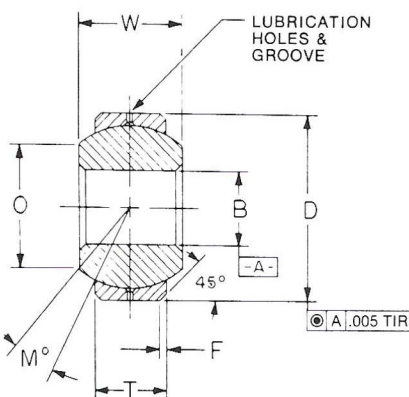
Has oil groove in race
I.D. and (2) oil holes.
Dimensions apply after cadmium plating
(where specified).

SPECIFICATIONS

Basic Spherical Bearing Number	B	O	D	F	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.	Chamfer	Outer Race Width	Ball Width			Alum. Bronze Race	Stainless Steel Race		
	+ .0000 - .0005	Ref.	+ .0000 - .0005	+ .000 - .010	± .005	+ .000 - .005			Ref.			
KSB3	0.1900	0.296	0.5625	0.020	0.218	0.281	0.406	0.5618 0.5623	2,700	5,400	0.014	11°
KSB4	0.2500	0.366	0.6562	0.022	0.250	0.343	0.500	0.6555 0.6560	4,200	8,400	0.022	13°
KSB5	0.3125	0.422	0.7500	0.032	0.281	0.375	0.562	0.7493 0.7498	5,800	11,600	0.030	12°
KSB6	0.3750	0.518	0.8125	0.032	0.312	0.406	0.656	0.8118 0.8123	6,800	15,600	0.038	10°
KSB7	0.4375	0.572	0.9062	0.032	0.343	0.437	0.718	0.9055 0.9060	8,500	18,600	0.048	9°
KSB8	0.5000	0.644	1.0000	0.032	0.390	0.500	0.813	0.9993 0.9998	11,200	22,400	0.065	9°
KSB9	0.5625	0.714	1.0937	0.032	0.437	0.562	0.906	1.0930 1.0935	15,000	30,000	0.086	9°
KSB10	0.6250	0.742	1.1875	0.032	0.500	0.625	0.968	1.1868 1.1873	20,000	40,000	0.110	9°
KSB12	0.7500	0.923	1.4375	0.044	0.593	0.750	1.187	1.4368 1.4373	30,000	60,000	0.204	9°
KSB14	0.8750	0.980	1.5625	0.044	0.703	0.875	1.312	1.5618 1.5623	43,000	86,000	0.263	9°
KSB16	1.0000	1.121	1.7500	0.044	0.797	1.000	1.500	1.7493 1.7498	52,000	104,000	0.386	10°

MATERIAL CODE

PART NO.	BALL	RACE
Basic Bearing Number as Shown	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.