



KPD Series

KAHR-KAPTOR®
SELF-LUBRICATING.

SPECIFICATIONS

TABLE 1

Basic Spherical Bearing Number	B	O	D	T	W	C	F	G	A	E	H	M°
	Dia. +.0000 -.0005	Dia. Ref.	Dia. +.0000 -.0005	± .005	+ .000 -.002	UNS Thread	± .005	± .010	Dia. ± .010	± .010	± .005	Misalignment ±
KPD5	0.3125	0.375	0.7498	0.281	0.375	0.656-40	0.035	0.125	0.790	0.093	0.045	10°
KPD6	0.3750	0.454	0.8123	0.321	0.406	0.734-40	0.035	0.125	0.852	0.093	0.045	9°
KPD7	0.4375	0.507	0.9060	0.343	0.437	0.812-40	0.035	0.125	0.946	0.093	0.045	8°
KPD8	0.5000	0.578	0.9998	0.390	0.500	0.937-40	0.055	0.140	1.080	0.093	0.065	8°
KPD9	0.5625	0.638	1.0935	0.437	0.562	1.000-40	0.055	0.150	1.173	0.093	0.065	8°
KPD10	0.6250	0.714	1.1873	0.500	0.625	1.125-32	0.055	0.150	1.267	0.093	0.065	8°
KPD12	0.7500	0.831	1.4373	0.593	0.750	1.312-32	0.055	0.175	1.517	0.125	0.065	8°
KPD14	0.8750	0.937	1.5623	0.703	0.875	1.437-32	0.055	0.220	1.642	0.125	0.065	9°
KPD16	1.0000	1.118	1.7498	0.797	1.000	1.625-32	0.055	0.220	1.830	0.125	0.065	9°

TABLE 2

Basic Spherical Bearing Number	Static Loads in Lbs., Limit			Preload Torque In.-Lbs.	Weight Pounds Max.	Ball Dia. (Ref)	Suggested Installation Torque In.-Lbs.	
	Radial	Axial	Dynamic				Basic	W/ Locking Element
KPD5	9,000	2,200	3,430	1.0 to 5.0	0.030	0.531	43	64
KPD6	11,900	4,500	4,200		0.040	0.610	48	71
KPD7	14,400	5,500	5,700		0.050	0.670	53	79
KPD8	18,750	5,600	7,900		0.070	0.765	61	92
KPD9	23,400	11,000	10,300		0.090	0.850	66	98
KPD10	30,900	12,800	13,400		0.120	0.950	73	110
KPD12	46,400	15,000	19,700		0.210	1.125	86	129
KPD14	62,200	16,400	26,100	2.0 to 8.0	0.263	1.280	94	141
KPD16	82,200	17,000	34,100		0.390	1.500	107	160



SEE MATERIAL CODE AND NOTES 1 THROUGH 7 ON NEXT PAGE.