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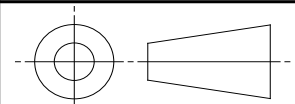
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THIRD ANGLE PROJECTION



CUSTODIAN: ACBG PLAIN BEARING COMMITTEE



AEROSPACE STANDARD

BEARING, PLAIN, SELF-ALIGNING,
GROOVED OUTER RING

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Documents

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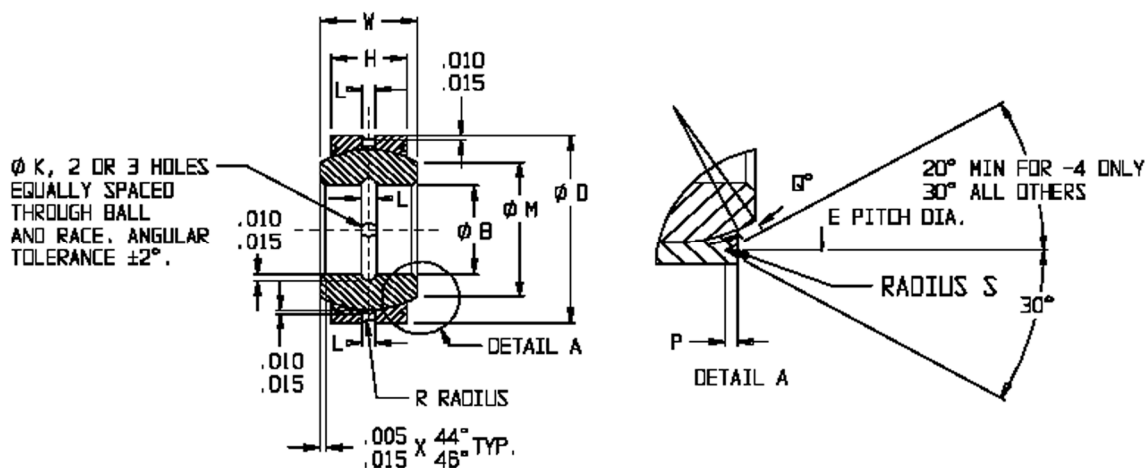


FIGURE 1 – PART CONFIGURATION

TABLE 1 - DIMENSIONS AND LOADS

DASH NO.	Ø B +.0000 -.0005	Ø D +.0000 -.0005	H ±.005	Ø K ±.005	L (a)	Ø M MIN.	P +.000 -.015	Q° MIN.	Ø E +.000 -.010	RADIUS S	W +.000 -.002	ALLOY STEEL		ALUMINUM BRONZE	
												RADIAL STATIC LIMIT LOAD (b)	AXIAL STATIC LIMIT LOAD (c)	RADIAL STATIC LIMIT LOAD (b)	AXIAL STATIC LIMIT LOAD (c)
-03	.1900	.5625	.218	.047	.062	.364	.030	10	.502	.005	.281	4600	2100	2800	850
-04	.2500	.6562	.250									.343	7080	2800	4300
-05	.3125	.7500	.281									.375	8500	3550	5200
-06	.3750	.8125	.312									.406	11050	4400	6750
-07	.4375	.9062	.343	.062	.078	.530	.040	9	.714	.010	.437	13900	5400	8500	2150
-08	.5000	1.0000	.390									.500	18850	7050	11500
-09	.5625	1.0937	.437									.562	25500	8900	15600
-10	.6250	1.1875	.500									.625	31950	11700	19500
-12	.7500	1.4375	.593	.078	.093	.920	.060	8	1.065	.020	.750	46750	16500	28500	6575
-14	.8750	1.5625	.703									.875	62750	23300	38300
-16	1.0000	1.7500	.797									.875	62750	23300	38300
-16	1.0000	1.7500	.797									1.000	83350	30000	51000

- (a) RACE ID GROOVE (L DIMENSION) AND HOLE DIAMETER TO BE MEASURED BEFORE BEARING ASSEMBLY BUT SWAGING SHALL NOT PREVENT GREASE FLOW.
- (b) THESE BEARINGS MAY EXPERIENCE SOME METAL YIELDING AT THE RADIAL STATIC LIMIT LOADS LISTED.
- (c) THE LIMIT AND ULTIMATE AXIAL LOAD CAPACITY OF THE BEARING CAN BE ACHIEVED ONLY WHEN THE SIDE FACE INSIDE THE GROOVE IS SUPPORTED AS DEFINED IN AS8976.