

REV.
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SAE AS21230

RATIONALE

FEDERAL SUPPLY CLASS
3120

THIS REVISION IS A RESULT OF A FIVE YEAR REVIEW. THE DOCUMENT WAS UPDATED TO REFLECT THE CURRENT SAE STYLE MANUAL AND FORMATTING

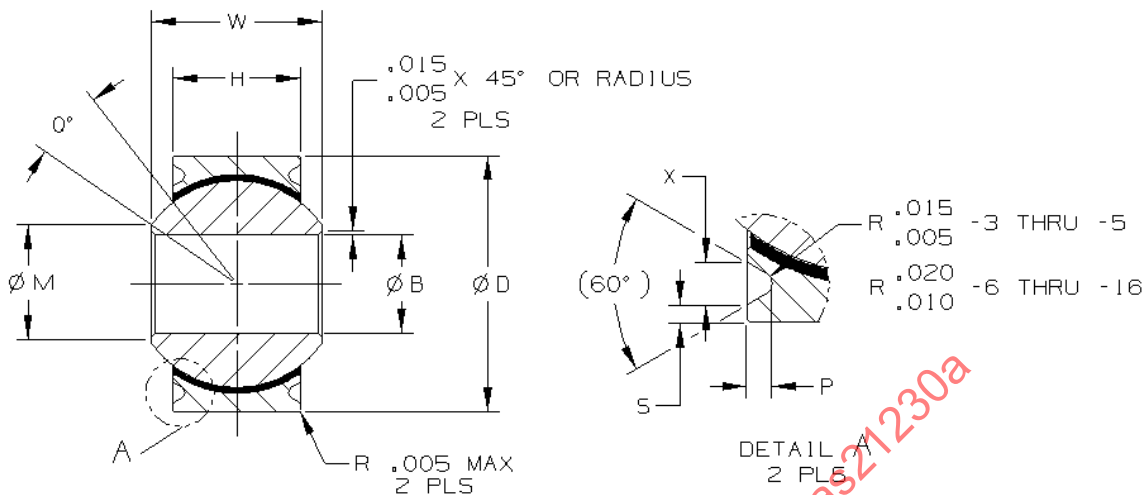


FIGURE 1 – PART CONFIGURATION

TABLE 1 – DIMENSIONS AND STRENGTHS

DASH NO	ØB	ØD	H	W	ØM	P	S	X	Q	STATIC LIMIT LOAD		OSCILLATING LOAD LBF	NO LOAD BREAKAWAY TORQUE IN-LBS	WT LB MAX
	+0.000 -0.005	+0.000 -0.005	±.005	+0.00 -0.02	MIN	+0.00 -0.015	+0.00 -0.010	+0.00 -0.010	MIN	RADIAL LBF	AXIAL LBF			
-3	.1900	.6250	.327	.437	.300	.030	.020	.045	15	9000	1770	3770	0.5-5.0	.031
-4	.2500	.6250	.327	.437	.300	.030	.020	.045	15	9000	1770	3770	1.0-5.0	.031
-5	.3125	.6875	.317	.437	.360	.030	.020	.045	14	9400	1640	4650	1.0-5.0	.035
-6	.3750	.8125	.406	.500	.466	.040	.030	.055	8	13 700	2630	6390	1.0-5.0	.060
-7	.4375	.9375	.442	.562	.537	.040	.030	.055	10	20 700	3650	9390	1.0-5.0	.080
-7A	.4375	.9062	.442	.562	.537	.040	.030	.055	10	20 700	3650	9390	1.0-5.0	.080
-8	.5000	1.0000	.505	.625	.607	.040	.030	.055	9	27 500	4970	12 150	1.0-5.0	.100
-9	.5625	1.1250	.536	.687	.721	.040	.030	.055	10	34 400	5370	14 900	1.0-5.0	.135
-10	.6250	1.1875	.567	.750	.747	.040	.030	.055	12	39 000	6130	16 700	1.0-5.0	.160
-12	.7500	1.3750	.630	.875	.845	.060	.030	.080	13	52 300	7730	22 100	1.0-5.0	.240
-14	.8750	1.6250	.755	.875	.995	.060	.030	.080	6	67 300	10 800	28 200	2.0-8.0	.350
-16	1.0000	2.1250	1.005	1.375	1.269	.060	.030	.080	12	137 000	19 300	53 700	2.0-8.0	.970

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS21230A>

THIRD ANGLE PROJECTION



CUSTODIAN: AIRFRAME CONTROL BEARINGS GROUP

PROCUREMENT SPECIFICATION: MIL-B-8942

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

BEARING, PLAIN, SELF-ALIGNING,
GROOVED OUTER RING
PTFE LINED, WIDE

SAE AS21230
SHEET 1 OF 2

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