

RATIONALE

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

REV.
A

SAE AS21231

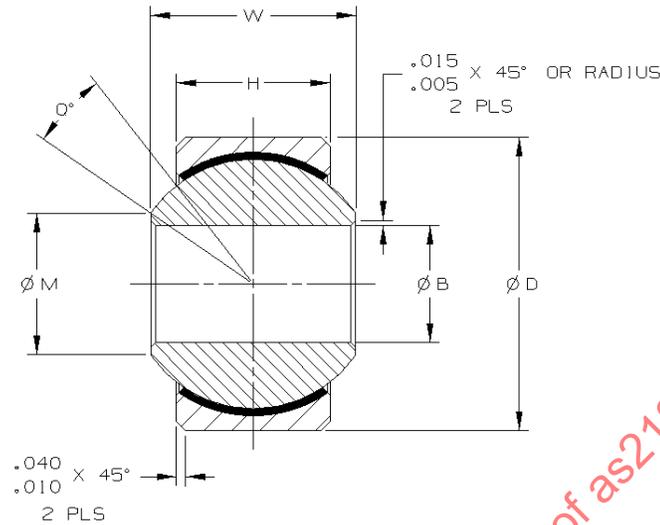


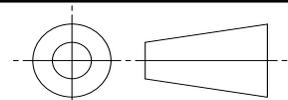
FIGURE 1 – PART CONFIGURATION

TABLE 1 – DIMENSIONS AND STRENGTHS

DASH NO	ØB	ØD	H	W	ØM	Q	STATIC LIMIT LOAD		OSCILLATING LOAD LBF	NO LOAD BREAKAWAY TORQUE IN-LBS	WT LB MAX
							RADIAL LBF	AXIAL LBF			
-3	.1900	.6250	.327	.437	.300	15	9000	1770	3770	0.5-5.0	.031
-4	.2500	.6250	.327	.437	.300	15	9000	1770	3770	1.0-5.0	.031
-5	.3125	.6875	.317	.437	.360	14	9400	1640	4650	1.0-5.0	.035
-6	.3750	.8125	.406	.500	.466	8	13 700	2630	6390	1.0-5.0	.060
-7	.4375	.9375	.442	.562	.537	10	20 700	3650	9390	1.0-5.0	.080
-8	.5000	1.0000	.505	.625	.607	9	27 500	4970	12 150	1.0-5.0	.100
-9	.5625	1.1250	.536	.687	.721	10	34 400	5370	14 900	1.0-5.0	.135
-10	.6250	1.1875	.567	.750	.747	12	39 000	6130	16 700	1.0-5.0	.160
-12	.7500	1.3750	.630	.875	.845	13	52 300	7730	22 100	1.0-5.0	.240
-14	.8750	1.6250	.755	.875	.995	6	67 300	10 800	28 200	2.0-8.0	.350
-16	1.0000	2.1250	1.005	1.375	1.269	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/AS21231a>

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,
PTFE LINED, WIDE

SAE AS21231
SHEET 1 OF 2

REV. A

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.