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THIRD ANGLE PROJECTION

CUSTODIAN: SAE ACBG



AEROSPACE STANDARD

BEARING, ROLLER, ANTIFRICTION, ROD END, EXTERNAL THREAD, SELF-ALIGNING, AIR FRAME, -67°F, TO 350°F TYPE 1, HEAVY DUTY, SEALED

AS21429 SHEET 1 OF 3

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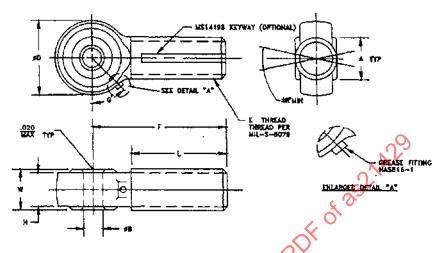


TABLE I

Dash No.	Ref. Part No.	~B +.0000 0005	-,D +,900 -,050	W +,000 -,005	H +.000 015	A ±.005	R*	65X	F ±015	t. 060 000	E Thread UNJF-3A	WT L8	Limit Load, LB		Radial Dynamic Load, LB
4	4-6A-44	.2500	1.073	.625	.479	.450	10	45	2.563	1.670	3/8 – 24		Radial	Thrust	0.550
							_					.18	3,080	1,690	2,560
[-5 '	5-8A-44	.3125	1,440	.812	.665	.520 🦳	10	Į 45	2.810	1.750	1/2 - 20	.37	8,010	4,550	6,650
-6 ;	6-10A-44	.3750	j 1.760	.937	.760	.610	10	45	2.600	1.310	5/8 ~ 18	.59	10,600	6,100	8,510
-8	8-12A-44	.5000	2.186	1.125	.942	940	10	45	3.400	2.000	3/4 - 16	1.15	18,900	9,450	15,700
-10	10-14A-44	.6250	2.630	1.812	1.130	900	15	50	4.180	2.036	7/814	2.30	29,000	14,500	24,100
-12	12-18A-44	.7500	2.656	1.260	1.200	1.130	2	45	3.500	1,750	1 1/8 ~ 12	2.00	40,800	20,900	33,900
114	-14-16B-44	.8750	3.406	1.562	1.328	1.380	5	55	4.500	2.050	1 - 12	4.20	55,300	26,000	45,900

REQUIREMENTS:

- MATERIAL: INNER RACE AND ROLLERS: 52100, FED-STD-66. OUTER RING ROD END: AISI-SAE 8620H PER AMS 6274, SAE 4620 PER AMS 6294 OR COMPOSITION III (9310) PER MIL-S-7393 OR E52100 PER FED-STD-66.
- SEALS: POLYTETRAFLUOROETHYLENE PER AMS 3652 OR POLYTETRAFLUOROETHYLENE SHEET, GLASS FABRIC REINFORCED PER AMS 3666.
- LUBRICANT IDENTIFICATION: MIL-G-81322. 3.
- INTERNAL CLEARANCE: RADIAL .0002 TO .0010, AXIAL .0005 TO .030.
- PLATING: ZINC NICKEL PLATE AMS 2417, TYPE 2, OR CADMIUM PLATED IN ACCORDANCE WITH QQ-P-416, TYPE I, CLASS 2, THICKNESS .0003 TO .0006 INCHES.
- SURFACE ROUGHNESS:

Raceways: 8/, rollers 6/, in accordance with ANSI/ASME B46.61.

