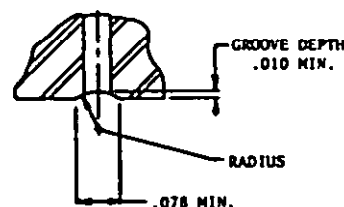
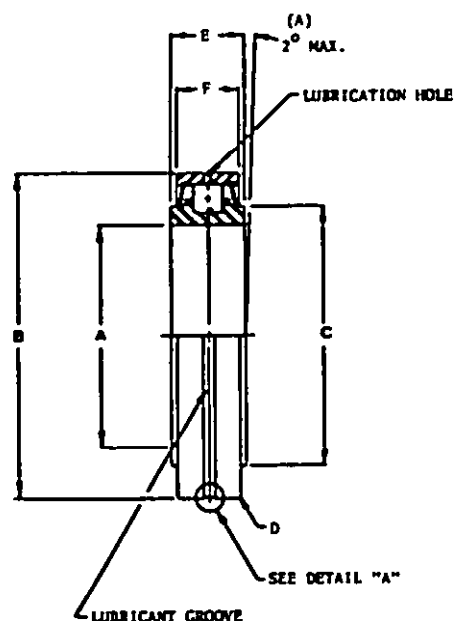


FED. SUP CLASS
3110

REVIEWER ACTIVITIES:

REVIEWER ACTIVITIES:

ARMY - AV
NAVY - AS
AIR FORCE - 99
DLA - 15DETAIL "A"
(ENLARGED)

DASHI NO.	A +.0000 -.0005 BORE	B +.0000 -.0005 O.D.	C DIA. MIN.	D +.015 -.000 RADIUS	E +.000 -.005 WIDTH INNER RING	F +.000 -.005 WIDTH INNER RING	LUBRICATION HOLE		WEIGHT MAX. POUNDS	STATIC LIMIT LOAD POUNDS		DYNAMIC LOAD RATING POUNDS
							NO.	DIA.		RADIAL	AXIAL	
-25	1.5360	2.5000	1.800	.030	.670	.580	2	.060	.41	12,400	1,000	6,600
-28	1.7500	2.6880	1.980						.49	13,700	1,100	7,000
-33	2.0630	3.0000	2.300						.54	15,800	1,300	7,600
-37	2.3130	3.2500	2.560						.58	17,000	1,400	8,000
-47	2.9380	3.8750	3.200						.75	21,000	1,700	9,000
-49	3.0630	4.0000	3.330						.78	21,900	1,800	9,100

(A) SELF-ALIGNMENT 2° MAX. IN EITHER DIRECTION

MATERIAL: RETAINER; CARBON STEEL, ONE PIECE.

RINGS AND ROLLERS; STEEL, MIL-S-7420, PER FED. STD. NO. 66, STEEL AMS 6440.

SEALS; GLASS FIBER REINFORCED PTFE.

FINISH: ALL EXTERNAL SURFACES, AS MOUNTED, CADMIUM PLATED PER QQ-P-416, TYPE 1, CLASS 2.

SURFACE ROUGHNESS: RACEWAYS 8 RA, ROLLER 6 RA, IN ACCORDANCE WITH ANSI B46.1, OTHER GROUND SURFACES 32 RA.

DIMENSIONS: ALL DIMENSIONS ARE AFTER PLATING AND ARE IN INCHES.

UNLESS OTHERWISE SPECIFIED: TOLERANCES-DECIMALS +.010, -.000

INTERNAL CLEARANCE: TOTAL RADIAL PLAY .0006 to .0017.

LUBRICANT: MIL-G-23827 OR MIL-G-81322.

TYPE OF LUBRICANT IS INDICATED BY ADDITION OF A LETTER AFTER DASHI NO.

MARKING: THE MARKING SHALL CONSIST OF THE MS PART NO. AND MANUFACTURER'S IDENTIFICATION IN ACCORDANCE WITH MIL-STD-130.

PART NO: EXAMPLE: MS21446-47B - BEARING, ROLLER, SELF-ALIGNING, 2.9380 BORE WITH MIL-G-81322 LUBRICANT.

PACKAGING: BEARINGS SHALL BE INDIVIDUALLY PACKAGED TO THE REQUIREMENTS OF MIL-B-197. PACKAGE MARKED WITH MANUFACTURER'S NAME OR TRADEMARK AND DATE OF LUBRICATION BY MONTH AND YEAR.

DESIGN FEATURES: FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

REFERENCED DOCUMENTS: REFERENCE DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.

REVISED
APPROVED 12 SEP 84

P. A. 11 Other Cost Army - AT Navy - AS	INTERNATIONAL INTEREST	TITLE BEARING, ROLLER, SELF-ALIGNING SINGLE ROW, BARREL ROLLER, TORQUE TUBE, AIRFRAME, ANTIFRICTION, SEALED TYPE V	MILITARY STANDARD MS21446
PROCUREMENT SPECIFICATION MIL-B-8914	SUPERSEDES	SHEET 1 OF 1	