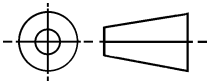


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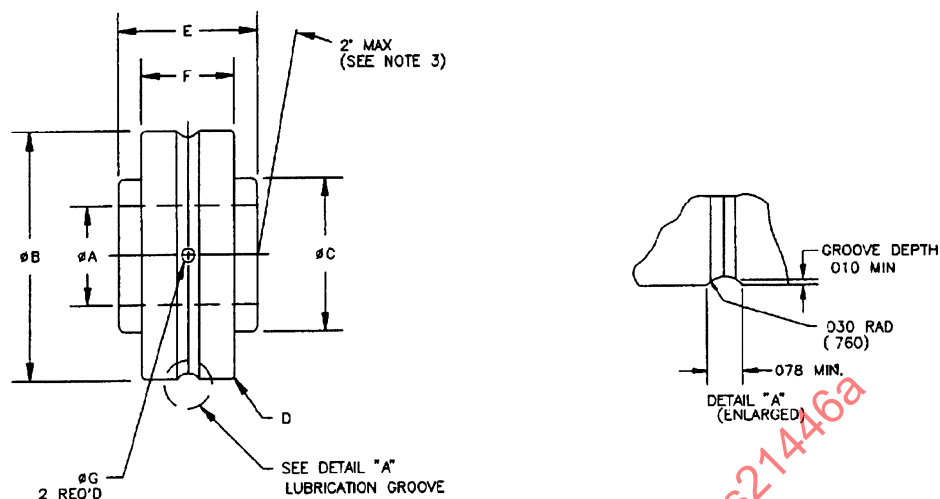
REV. A	FEDERAL SUPPLY CLASS 3110	
	CANCELLATION NOTICE THIS DOCUMENT HAS BEEN DECLARED "CANCELLED" AS OF JULY 2004. BY THIS ACTION, THIS DOCUMENT WILL REMAIN LISTED IN THE NUMERICAL SECTION OF THE AEROSPACE STANDARDS INDEX.	
AS21446	SAENORM.COM : Click to view the full PDF of as21446a	
THIRD ANGLE PROJECTION 		ISSUED 1999-09 CANCELLED 2004-07
PREPARED BY AIRFRAME CONTROL BEARINGS GROUP		
 An SAE International Group	AEROSPACE STANDARD BEARING, ROLLER, SELF-ALIGNING SINGLE ROW, BARREL ROLLER, TORQUE TUBE, AIRFRAME, ANTIFRICTION, SEALED TYPE V	AS21446 SHEET 1 OF 4
	REV. A	

REV. A	NOTICE THIS DOCUMENT HAS BEEN TAKEN DIRECTLY FROM U.S. MILITARY SPECIFICATION MS21446 REV A AND CONTAINS ONLY MINOR EDITORIAL AND FORMAT CHANGES REQUIRED TO BRING IT INTO CONFORMANCE WITH THE PUBLISHING REQUIREMENTS OF SAE TECHNICAL STANDARDS. THE INITIAL RELEASE OF THIS DOCUMENT IS INTENDED TO REPLACE MS21446 REV A. ANY PART NUMBERS ESTABLISHED BY THE ORIGINAL SPECIFICATION REMAIN UNCHANGED. THE ORIGINAL MILITARY SPECIFICATION WAS ADOPTED AS AN SAE STANDARD UNDER THE PROVISIONS OF THE SAE TECHNICAL STANDARDS BOARD (TSB) RULES AND REGULATIONS (TSB 001) PERTAINING TO ACCELERATED ADOPTION OF GOVERNMENT SPECIFICATIONS AND STANDARDS. TSB RULES PROVIDE FOR (A) THE PUBLICATION OF PORTIONS OF UNREVISED GOVERNMENT SPECIFICATIONS AND STANDARDS WITHOUT CONSENSUS VOTING AT THE SAE COMMITTEE LEVEL, AND (B) THE USE OF THE EXISTING GOVERNMENT SPECIFICATION OR STANDARD FORMAT. UNDER DEPARTMENT OF DEFENSE POLICIES AND PROCEDURES, ANY QUALIFICATION REQUIREMENTS AND ASSOCIATED QUALIFIED PRODUCTS LISTS ARE MANDATORY FOR DOD CONTRACTS. ANY REQUIREMENT RELATING TO QUALIFIED PRODUCTS LISTS (QPL'S) HAS NOT BEEN ADOPTED BY SAE AND IS NOT PART OF THIS SAE TECHNICAL DOCUMENT.			
AS21446				
		AEROSPACE STANDARD BEARING, ROLLER, SELF-ALIGNING SINGLE ROW, BARREL ROLLER, TORQUE TUBE, AIRFRAME, ANTIFRICTION, SEALED TYPE V	AS21446 SHEET 2 OF 4	REV. A

REV.
A

AS21446

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: MIL-B-8914.



DASH NO	ØA + .0000 - .0005 BORE	ØB + .0000 - .0005 O.D.	ØC MIN	D + .015 - .000 RADIUS	E + .000 - .005 WIDTH INNER RING	F + .000 - .005 WIDTH INNER RING	ØG LUBRICATION HOLE	WEIGHT MAX POUNDS	STATIC LIMIT LOAD POUNDS		DYNAMIC LOAD RATING POUNDS
									RADIAL	AXIAL	
-25	1.5360	2.5000	1.800	.030	.670	.580	.050	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

REQUIREMENTS:

- 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, ZINC-NICKEL PLATE PER 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 MICROINCHES Ra, ROLLER 6 MICROINCHES Ra, OTHER GROUND SURFACES 32 MICROINCHES Ra IN ACCORDANCE WITH ANSI/ASME B46.1. REMOVE BURRS AND SHARP EDGES.
- DIMENSIONS: ALL DIMENSIONS ARE AFTER PLATING AND ARE IN INCHES, UNLESS OTHERWISE SPECIFIED.
- TOLERANCES-DECIMALS +.010(.250) TO -.000(0), UNLESS OTHERWISE SPECIFIED.

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AEROSPACE STANDARD

BEARING, ROLLER, SELF-ALIGNING SINGLE ROW,
BARREL ROLLER, TORQUE TUBE, AIRFRAME,
ANTIFRICTION, SEALED TYPE V

AS21446
SHEET 3 OF 4

REV.
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