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Navy - AS
(Project 3110-1114)

Review Activities:

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FSC 3110

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3110**AS28913**

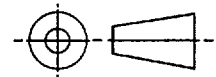
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THIRD ANGLE PROJECTION



ISSUED 1998-06

PREPARED BY AIRFRAME CONTROL BEARINGS GROUP

SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space
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400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARD

BEARING, ROLLER, SELF-ALIGNING, DOUBLE ROW
AIRFRAME, ANTI-FRICTION, SEALED, TYPE II

AS28913
SHEET 1 OF 3

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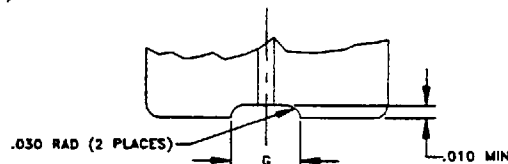
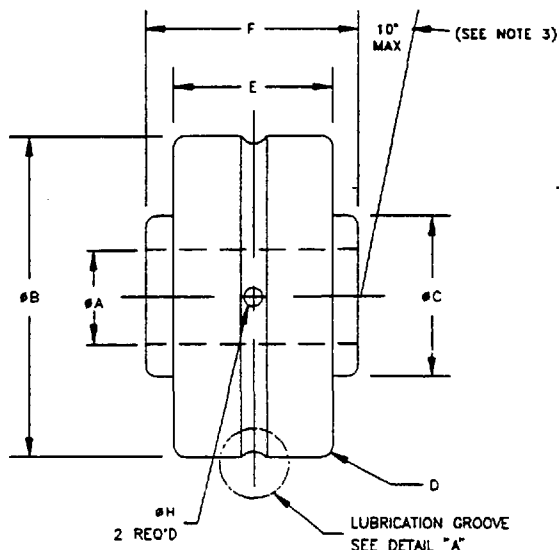
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DETAIL "A"

MS DASH NO.	WT MAX LBS	STATIC LIMIT LOAD - LBS		DYNAMIC LOAD RATING - LBS	
		RADIAL	AXIAL	RADIAL	AXIAL
-4C	.06	3080	1690	2560	1380
-5C	.17	7590	4300	6300	3570
-6C	.26	10100	5790	8390	4800
-8C	.40	12700	6380	10600	5300
-10C	.60	18900	9450	15700	7840
-12C	1.04	31400	15400	26000	12800

MS DASH	ØA +.0000 (.000) -.0005 (.013)	ØB +.0000 (.000) -.0005 (.013)	ØC +.005 (.127) -.005 (.127)	D +.015 (.381) -.000 (.000)	E +.000 (.000) -.005 (.127)	F +.000 (.000) -.005 (.127)	G GROOVE WIDTH	ØH LUBRICATION HOLE			
	1/				OUTER RING	INNER RING					
	IN. (mm)	IN. (mm)	IN. (mm)	IN. (mm)	IN. (mm)	IN. (mm)	IN. (mm)	IN. (mm)			
-4C	.2500 (6.350)	.9014 (22.896)	.450 (11.430)	.050 (1.270)	.464 (11.780)	.625 (15.880)	.050 (1.270)	.047 (1.194)			
-5C	.3125 (7.938)	1.2500 (31.750)	.520 (13.210)		.656 (16.660)	.812 (20.620)	.080 (2.032)	.060 (1.524)			
-6C	.3750 (9.525)	1.4375 (36.512)	.610 (15.490)		.750 (19.050)	.937 (23.800)					
-8C	.5000 (12.700)	1.6875 (42.862)	.820 (20.830)		.812 (20.620)	1.000 (25.400)					
-10C	.6250 (15.875)	1.9375 (49.212)	.940 (23.880)		.937 (23.800)	1.125 (28.580)					
-12C	.7500 (19.050)	2.3750 (60.325)	1.120 (28.450)		1.125 (28.580)	1.312 (33.320)	.110 (2.790)	.090(2.286)			
BASIC (NOMINAL) DIAMETER		BEARING ROUNDNESS LIMITS									
		BORE ACCEPTANCE LIMITS				O.D. ACCEPTANCE LIMITS					
		OVER	INCL	d MIN	MEAN DIAMETER		d MAX	D MIN	MEAN DIAMETER		D MAX
					LOW	HIGH			LOW	HIGH	
.0000(.000)	2.0000(50.800)	-.0006(.015)	-.0005(.013)	+.0000(.000)	+.0001(.002)	-.0008(.020)	-.0005(.013)	+.0000(.000)	+.0003(.008)		
2.0000(50.800)	4.0000(101.600)	-.0009(.023)	-.0007(.018)	+.0000(.000)	+.0002(.005)	-.0012(.030)	-.0007(.018)	+.0000(.000)	+.0005(.013)		

1/ TOLERANCE ON -12C O.D., IS +.0000 (.000) TO -.0007 (.018)