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Adopting Activity

Navy - AS  
(Project 3110-1114)

Review Activities:

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FSC 3110

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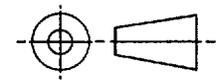
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THIRD ANGLE PROJECTION



ISSUED 1998-06

PREPARED BY AIRFRAME CONTROL BEARINGS GROUP

AEROSPACE STANDARD

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

AS28913  
SHEET 1 OF 3



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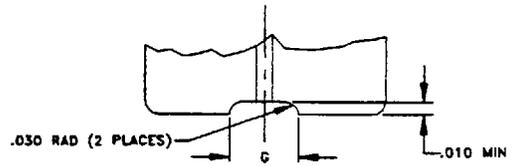
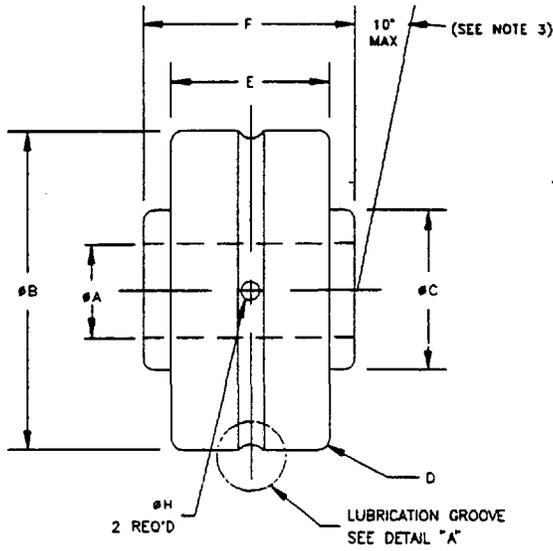
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MS DASH NO.	WT MAX LBS	STATIC LIMIT LOAD - LBS		DYNAMIC LOAD RATING - LBS	
		RADIAL	AXIAL	RADIAL	AXIAL
-4C	.06	3080	1690	2560	1380
-5C	.17	7590	4300	6300	3570
-6C	.26	10100	5790	8390	4800
-8C	.40	12700	6380	10600	5300
-10C	.60	18900	9450	15700	7840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

MS DASH	ØA		ØB		ØC		D		E		F		G	ØH
	+.0000 (.000) -.0005 (.013)		+.0000 (.000) -.0005 (.013)		+.005 (.127) -.005 (.127)		+.015 (.381) -.000 (.000)		+.000 (.000) -.005 (.127)		+.000 (.000) -.005 (.127)		GROOVE WIDTH	LUBRICATION HOLE
	1/													
	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)	.050 (1.270)		.656 (16.660)	.812 (20.620)	.080 (2.032)		.060 (1.524)				
-6C	.3750 (9.525)	1.4375 (36.512)	.610 (15.490)	.050 (1.270)		.750 (19.050)	.937 (23.800)	.080 (2.032)		.060 (1.524)				
-8C	.5000 (12.700)	1.6875 (42.862)	.820 (20.830)	.050 (1.270)		.812 (20.620)	1.000 (25.400)	.080 (2.032)		.060 (1.524)				
-10C	.6250 (15.875)	1.9375 (49.212)	.940 (23.880)	.050 (1.270)		.937 (23.800)	1.125 (28.580)	.080 (2.032)		.060 (1.524)				
-12C	.7500 (19.050)	2.3750 (60.325)	1.120 (28.450)	.050 (1.270)		1.125 (28.580)	1.312 (33.320)	.080 (2.032)		.060 (1.524)				

BEARING ROUNDNESS LIMITS									
BASIC (NOMINAL) DIAMETER		BORE ACCEPTANCE LIMITS				O.D. ACCEPTANCE LIMITS			
		MEAN DIAMETER		d MAX		MEAN DIAMETER		D MAX	
OVER	INCL	d MIN	LOW	HIGH	d MAX	D MIN	LOW	HIGH	D MAX
.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)

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AIRFRAME, ANTI-FRICTION, SEALED, TYPE II

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