

**REV.  
A****AS28914**

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THIRD ANGLE PROJECTION



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PREPARED BY AIRFRAME CONTROL BEARINGS GROUP

**AEROSPACE STANDARD**BEARING, ROLLER, SELF-ALIGNING, DOUBLE ROW  
AIRFRAME, ANTI-FRICTION, SEALED, TYPE III**AS28914**  
SHEET 1 OF 3**REV.  
A**

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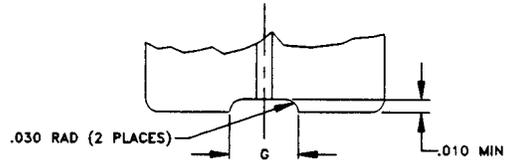
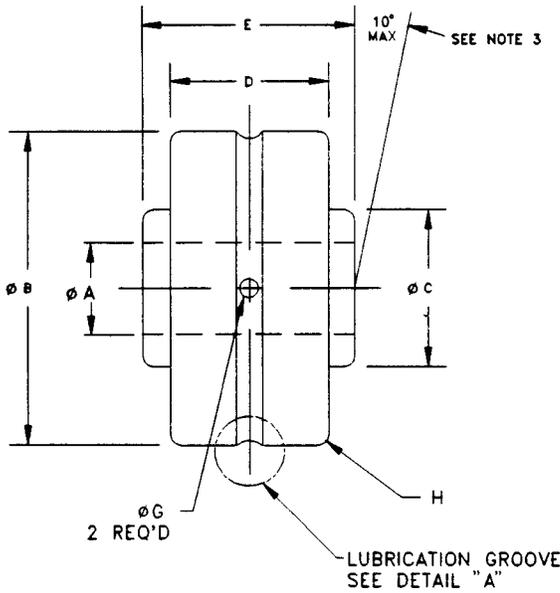
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DETAIL "A"

MS DASH NO.	WT MAX LBS	STATIC LIMIT LOAD - LBS		DYNAMIC LOAD RATING - LBS	
		RADIAL	AXIAL	RADIAL	AXIAL
-4C	.21	6870	4250	5700	3525
-5C	.38	12300	7100	10200	5890
-6C	.36				
-7C	.74	19100	10400	15800	8600
-8C	.74	29000	14500	24000	12000
-9C	1.15				
-10C	1.14	38300	18600	31700	15395
-12C	1.50	59100	29500	49000	25150
-14C	2.28				

MS DASH NO.	ØA		ØB		ØC		RADIAL INTERNAL CLEARANCE	D		E		F GROOVE WIDTH MIN	#G LUBRICATION HOLE SIZE	H
	+ .0000 (.000) - .0005 (.013) BORE	O.D.	+ .0000 (.000) - .0005 (.013) O.D.	- .0005 (.013) DIA	+ .005 (.127) - .005 (.127)	- .005 (.127) DIA		+ .000 (.000) - .005 (.127) WIDTH OUTER RING	+ .000 (.000) - .005 (.127) WIDTH INNER RING	IN. (mm)	IN. (mm)			
-4C	.2500 (6.350)	1.2500 (31.750)	.490 (12.450)				.750 (19.050)	1.000 (25.400)						
-5C	.3125 (7.938)	1.5625 (39.688)	.670 (17.020)	.0002(.005)			.844 (21.440)	1.187 (30.150)				.080 (2.032)	.060 (1.524)	
-6C	.3750 (9.525)													
-7C	.4375 (11.112)	2.0000 (50.800)	.920 (23.370)	.0010(.025)			1.000 (25.400)	1.500 (38.100)				.110 (2.794)	.090(2.286)	.050(1.270)
-8C	.5000 (12.700)													
-9C	.5625 (14.288)	2.3750 (60.325)	1.000 (25.400)	.0004(.010)			1.125 (28.580)	1.687 (42.850)						
-10C	.6250 (15.875)													
-12C	.7500 (19.050)	2.6250 (66.675)	1.230 (31.240)	.0012(.030)			1.250 (31.750)	1.875 (47.620)						
-14C	.8750 (22.225)													

BEARING ROUNDNESS LIMITS									
BASIC (NOMINAL) DIAMETER		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 -10C, -12C and -14C O.D., IS +.0000 (.000) TO -.0007 (.018)