

SAE-AS28914

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Adopting Activity
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THIRD ANGLE PROJECTION



ISSUED 1998-06

PREPARED BY AIRFRAME CONTROL BEARINGS GROUP

AEROSPACE STANDARD



400 Commonwealth Drive, Warrendale, PA 15096-0001

BEARING, ROLLER, SELF-ALIGNING, DOUBLE ROW
AIRFRAME, ANTI-FRICTION, SEALED, TYPE IIIAS28914
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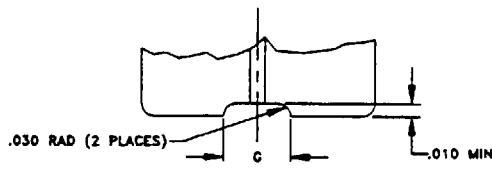
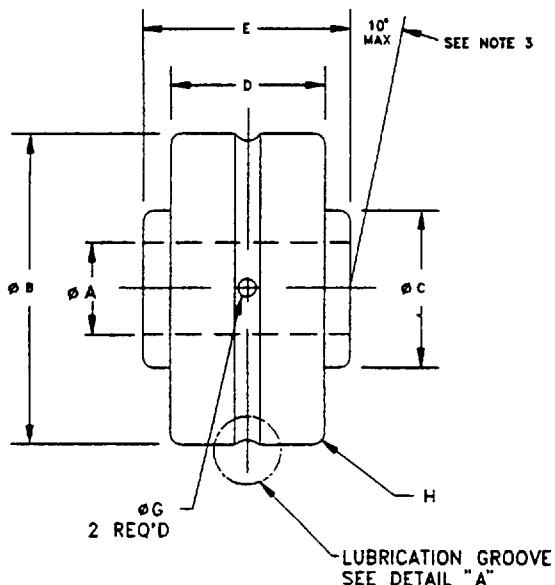
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AS28914



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	.56				
-7C	.74	19100	10400	15800	8600
-8C	.74				
-9C	1.15	29000	14500	24000	12000
-10C	1.14	29000	14500	24000	12000
-12C	1.50	38300	18600	31700	15395
-14C	2.28	59100	29500	49000	25150

MS DASH NO.	ØA		ØB		ØC		RADIAL INTERNAL CLEARANCE	D	E	F	ØG	LUBRICATION HOLE SIZE	H
	IN.	(mm)	IN.	(mm)	IN.	(mm)							
-4C	.2500 (6.350)		1.2500 (31.750)		.480 (12.450)			.750 (19.050)	1.000 (25.400)				
-5C	.3125 (7.938)		1.5625 (39.688)		.670 (17.020)		.0002(.005)			.080 (2.032)	.060 (1.524)		
-6C	.3750 (9.525)						.0010(.025)						
-7C	.4375 (11.112)		2.0000 (50.800)		.920 (23.370)								
-8C	.5000 (12.700)												
-9C	.5625 (14.288)		2.3750 (60.325)		1.000 (25.400)		.0004(.010)						
-10C	.6250 (15.875)												
-12C	.7500 (19.050)		2.6250 (66.675)		1.230 (31.240)		.0012(.030)						
-14C	.8750 (22.225)		3.0000 (76.200)		1.350 (34.290)								
BEARING ROUNDNESS LIMITS													
BASIC (NOMINAL) DIAMETER													
BORE ACCEPTANCE LIMITS													
OVER		INCL		d MIN		MEAN DIAMETER		d MAX		D MIN		MEAN DIAMETER	
.0000(.000)		2.0000(50.800)		-.0006(.015)		-.0005(.013)		+.0000(.000)		+.0001(.002)		-.0008(.020)	
2.0000(50.800)		4.0000(101.600)		-.0009(.023)		-.0007(.018)		+.0000(.000)		+.0002(.005)		-.0012(.030)	
.0000(.000)		2.0000(50.800)		-.0009(.023)		-.0007(.018)		+.0000(.000)		-.0007(.018)		+.0000(.000)	
2.0000(50.800)		4.0000(101.600)		-.0009(.023)		-.0007(.018)		+.0000(.000)		-.0007(.018)		+.0000(.000)	

1/ TOLERANCE ON -10C, -12C and -14C O.D., IS +.0000 (.000) TO -.0007 (.018)