

ADOPTION NOTICE

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SAE-AS28915 should be used instead of MS28915D, which was canceled on 02 September 1998.

Custodians:

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Adopting Activity

Navy - AS
(Project 3110-1118)

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FSC 3110

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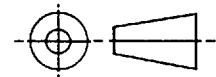
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THIRD ANGLE PROJECTION



ISSUED 1998-06

PREPARED BY AIRFRAME CONTROL BEARINGS GROUP

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AEROSPACE STANDARD

BEARING, ROLLER, SELF-ALIGNING, DOUBLE ROW
TORQUE TUBE, AIRFRAME, ANTI-FRICTION,
SEALED, TYPE IV

AS28915
SHEET 1 OF 3

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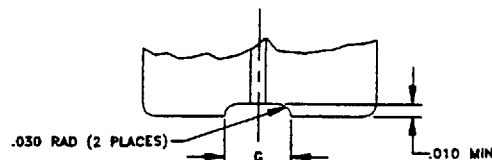
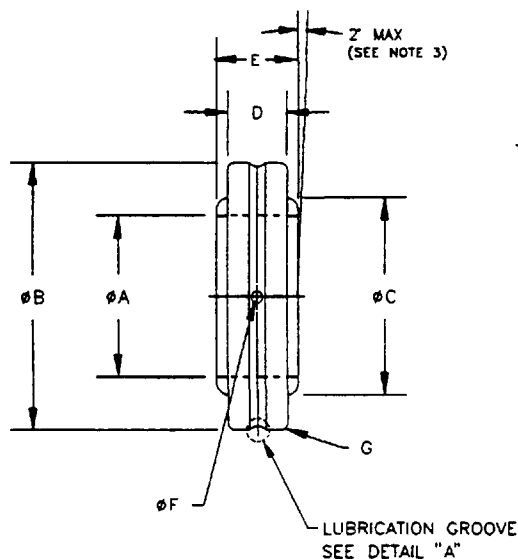
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AS28915

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DETAIL "A"

MS DASH NO.	WT MAX LBS	STATIC LIMIT LOAD - LBS		DYNAMIC LOAD RATING - LBS	
		RADIAL	AXIAL	RADIAL	AXIAL
-16C	.16	3500	440	1700	213
-20C	.19	4800	480	2230	254
-25C	.41	6000	540	2750	248
-28C	.49	9000	690	4320	427
-33C	.54	10200	950	5250	489
-37C	.58	10900	980	5850	526
-47C	.75	12800	1070	8210	686
-49C	.78	13700	1150	8980	754

MS DASH NO.	ØA		ØB		ØC		D		E		ØF LUBRICATION HOLE	G	NUMBER OF LUBRICATION HOLES
	+.0000 (.000) -.0011 (.028) BORE		+.0000 (.000) -.0011 (.028) O.D.		+.005 (.127) -.005 (.127) DIA		+.000 (.000) -.005 (.127) WIDTH OUTER RING		+.000 (.000) -.005 (.127) WIDTH INNER RING				
	1/ IN.	2/ (mm)	3/ IN.	(mm)	IN.	(mm)	IN.	(mm)	IN.	(mm)			
-16C	1.0000	(25.400)	1.6250	(41.275)	1.120	(28.450)	.450	(11.430)	.500	(12.700)	.060 (1.524)	.020(.508)	2
-20C	1.2500	(31.750)	1.8750	(47.625)	1.390	(35.310)	.580 (14.730)	.670 (17.020)	.67 (17.020)	.020(.508)			
-25C	1.5360	(39.014)	2.5000	(63.500)	1.800	(45.720)							
-28C	1.7500	(44.450)	2.6880	(68.275)	1.980	(50.280)							
-33C	2.0630	(52.400)	3.0000	(76.200)	2.300	(58.420)							
-37C	2.3130	(58.750)	3.2500	(82.550)	2.560	(65.020)	.580 (14.730)	.67 (17.020)	.67 (17.020)		.020(.508)	3	
-47C	2.9380	(74.625)	3.8750	(98.425)	3.200	(81.280)							
-49C	3.0630	(77.800)	4.0000	(101.600)	3.330	(84.580)							

BASIC (NOMINAL) DIAMETER		BEARING ROUNDNESS LIMITS							
		BORE ACCEPTANCE LIMITS				O.D. ACCEPTANCE LIMITS			
		MEAN DIAMETER		d MAX	D MIN	MEAN DIAMETER		D MAX	D MAX
		OVER	INCL			LOW	HIGH		
.0000(.000)	1.0000(25.400)	-.0008(.020)	-.0005(.013)	+.0000(.000)	+.0003(.008)	-----	-----	-----	-----
1.0000(25.400)	2.0000(50.800)	-.0011(.028)	-.0008(.020)	+.0000(.000)	+.0003(.008)	-.0020(.051)	-.0010(.025)	+.0000(.000)	+.0010(.025)
2.0000(50.800)	4.0000(101.600)	-.0014(.036)	-.0011(.028)	+.0000(.000)	+.0003(.008)	-.0021(.054)	-.0011(.028)	+.0000(.000)	+.0010(.025)

1/ TOLERANCE ON -16C BORE IS +.0000 (.000) TO -.0005 (.013)

2/ TOLERANCE ON -20C, -25C AND -28C BORE, IS +.0000 (.000) TO -.0008 (.020)

3/ TOLERANCE ON -16C AND -20C O.D. IS +.0000 (.000) TO -.0010 (.025)

4/ TOLERANCE ON -33C, -37C, -47C AND -49C OUTER RING WIDTH AND INNER RING WIDTH IS +.000 (.000) TO -.008 (.203)