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AS21431

Submitted for recognition as an American National Standard

FEDERAL SUPPLY CLASS
3110

NOTICE

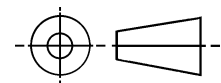
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THIRD ANGLE PROJECTION



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AEROSPACE STANDARD

BEARING, ROLLER, SELF-ALIGNING SINGLE ROW
ANTI-FRICTION, SEALED -65 TO 350 F, TYPE I

AS21431
SHEET 1 OF 3

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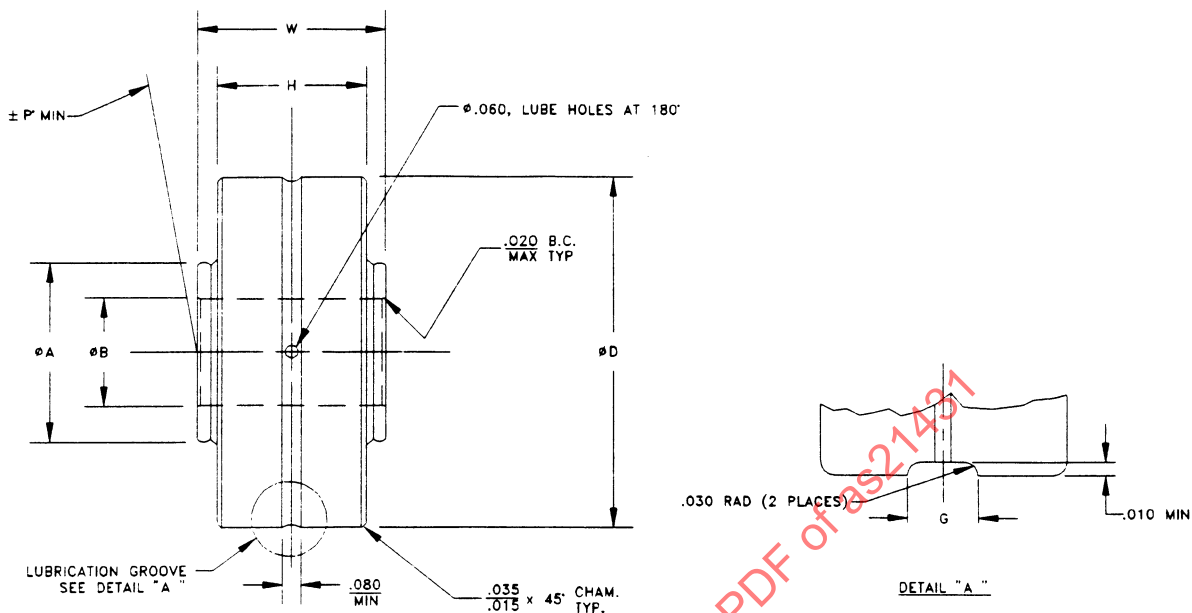


TABLE 1

MS DASH NO.	REFERENCE NUMBER	ϕB +.0000 -.0005	ϕD +.0000 -.0005	W +.000 -.005	H +.000 -.005	ϕA +.005 -.005	P'	WT LB	LIMIT LOAD, LB		RADIAL DYNAMIC LOAD, LB
									RADIAL	THRUST	
-3	SA3-16A-42	.1900	1.0000	.500	.344	.420	10'	.07	2,720	270	2,260
-4	SA4-16A-42	.2500	1.0000	.500	.344	.420	10'	.06	2,720	270	2,260
-5	SA5-20A-42	.3125	1.2500	.588	.375	.550	10'	.12	4,210	420	3,490
-6	SA6-23A-42	.3750	1.4375	.620	.469	.660	10'	.17	6,160	610	5,120
-7	SA7-24A-42	.4375	1.5000	.812	.625	.660	10'	.30	7,900	790	6,550
-8	SA8-26A-42	.5000	1.6250	.750	.687	.810	2.5'	.37	11,900	1,190	9,940

BASIC (NOMINAL) DIAMETER		BEARING ROUNDNESS LIMITS							
		BORE ACCEPTANCE LIMITS				O.D. ACCEPTANCE LIMITS			
OVER	INCL	d MIN	MEAN DIAMETER		d MAX	MEAN DIAMETER			
			LOW	HIGH		D MIN	LOW	HIGH	D MAX
	2.0000	-.0005	-.005	+.00000	+.0001	-.0008	-.0005	+.0000	+.0003