

FEDERAL SUPPLY CLASS  
3110

**REV.  
A**

**RATIONALE**

FIVE YEAR REVIEW. UPDATE PASSIVATION SPECIFICATIONS.

**NOTICE**

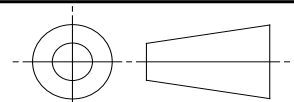
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**AS5927™**

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THIRD ANGLE PROJECTION



ISSUED 2005-09 REVISED 2016-01

CUSTODIAN: ACBG

PROCUREMENT SPECIFICATION: AS39901



**AEROSPACE STANDARD**

(R) BEARING, ROLLER, NEEDLE, SINGLE ROW, HEAVY DUTY, TRACK ROLLER, SEALED, TYPE V, ANTI-FRICTION, CORROSION RESISTANT NITROGEN (CREN) STEEL, INCH

**AS5927™**  
SHEET 1 OF 4

**REV.  
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THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS39901.

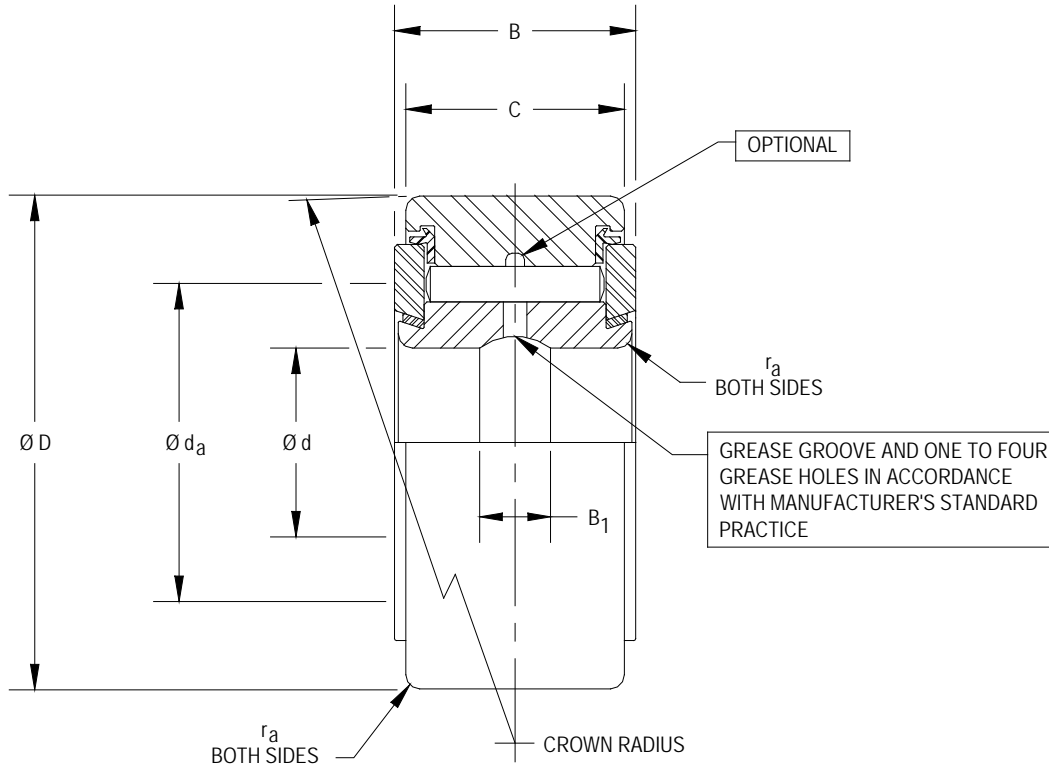


FIGURE 1

TABLE 1

DASH NO.	Ød BORE	ØD OUTER RING OD	C OUTER RING WIDTH	B OVERALL WIDTH	Øda CLAMPING DIAMETER MINIMUM	Ra RADIUS MINIMUM	B1 LUBRICATION GROOVE WIDTH	CROWN RADIUS REF.	RADIAL INTERNAL CLEARANCE MAXIMUM	CAPACITY AS A TRACK ROLLER POUNDS	TRACK CAPACITY 40 HRC POUNDS	LIMIT LOAD RATING POUNDS	WEIGHT (APPROX) POUNDS
-103	.1900	.7500	.280	.312	.438	.022	.094	10.0	.0018	875	290	1,200	.03
-104	.2500	.8750	.345	.375	.516	.022	.125	10.0	.0018	1,420	575	2,000	.05
-106	.3750	1.0625	.455	.500	.672	.022	.188	10.0	.0018	2,800	1,000	3,800	.10
-108	.5000	1.3125	.580	.625	.844	.022	.188	12.5	.0018	4,550	1,785	6,200	.18
-110	.6250	1.5000	.705	.750	.953	.032	.250	17.5	.0018	6,700	2,600	9,000	.28
-112	.7500	1.7500	.950	1.000	1.109	.032	.250	25.0	.0018	11,000	4,050	15,500	.52
-114	.8750	2.0000	1.075	1.125	1.219	.032	.250	27.5	.0018	15,000	5,350	21,000	.75
-116	1.0000	2.2500	1.075	1.125	1.500	.032	.250	27.5	.0018	16,500	6,000	23,500	.90
-120	1.2500	2.5000	1.200	1.250	1.625	.032	.375	30.0	.0018	20,000	7,100	27,000	1.16
-124	1.5000	3.0000	1.440	1.500	2.000	.032	.375	60.0	.0018	30,000	10,800	41,000	2.36
-128	1.7500	3.4375	1.440	1.500	2.281	.032	.375	60.0	.0018	34,000	12,400	48,000	2.71
-132	2.0000	3.8750	1.440	1.500	2.562	.032	.375	60.0	.0018	36,700	14,000	48,900	3.42
-136	2.2500	4.3125	1.440	1.500	2.589	.032	.375	60.0	.0018	41,200	15,600	55,000	4.23
-140	2.5000	4.7500	1.440	1.500	3.109	.032	.375	60.0	.0020	44,900	17,200	59,900	5.14
-144	2.7500	5.0000	1.440	1.500	3.344	.032	.375	60.0	.0020	46,800	18,100	64,800	5.49