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REV. A

AS17109

FEDERAL SUPPLY CLASS
3110

RATIONALE

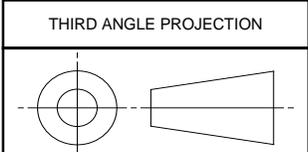
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CUSTODIAN: AIRFRAME CONTROL BEARINGS GROUP		PROCUREMENT SPECIFICATION: AS22227	
	AEROSPACE STANDARD		AS17109
	BEARING, BALL, ANNULAR, PRIMARILY FOR AIRCRAFT GENERATORS AND MOTOR-GENERATORS, THIN EXTRA LIGHT, TYPE III		

ISSUED 2007-10 STABILIZED 2014-11

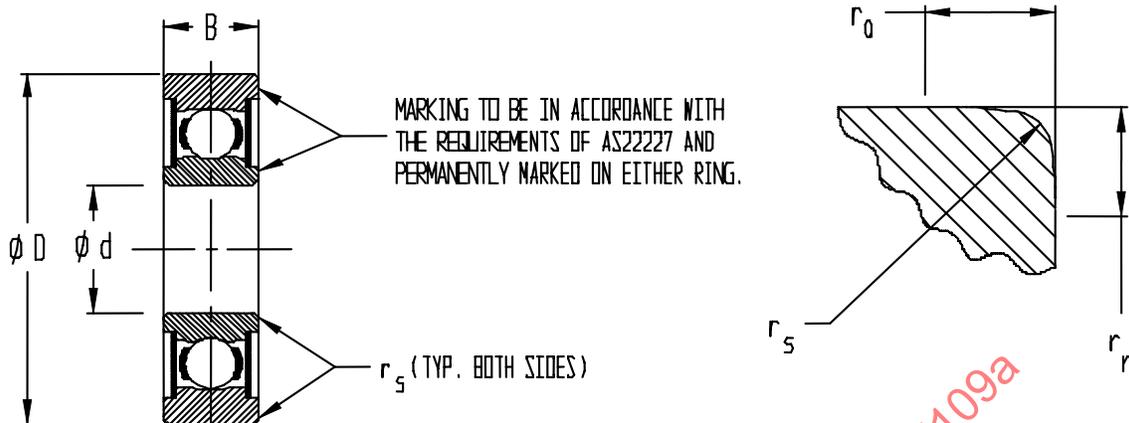


FIGURE 1

TABLE 1

DASH NO.	BORE d		D OUTSIDE DIA		WIDTH B		CORNER BREAK						CAPACITY		LIMIT CONTINUOUS RPM @ 325 °F MAX	
	MM	INCH	MM	INCH	MM	INCH	r_s (4)		r_a MAX		r_r MAX		(1) C_o	(2) C	GREASE	OIL
							MM	INCH	MM	INCH	MM	INCH	(LB)	(LB)		
4	20	.7874	42	1.6535	12	.4724	0.6	0.024	2.0	0.079	1.0	0.039	850	1620	12,000	15,000
5	25	.9843	47	1.8504	12	.4724	0.6	0.024	2.0	0.079	1.0	0.039	830	1700	10,000	12,000
6	30	1.1811	55	2.1654	13	.5118	1.0	0.039	3.0	0.118	1.5	0.059	1210	2280	8,300	10,000
7	35	1.3780	62	2.4409	14	.5512	1.1	0.039	3.0	0.118	1.5	0.059	1500	2760	6,700	8,500

TABLE 2

RADIAL INTERNAL CLEARANCE (MFG. LIMITS)		
BORE (d) MM		RADIAL PLAY (.0001 INCH)
OVER	INCL.	
10	18	5 - 9
18	30	6 - 10
30	50	7 - 12