FEDERAL SUPPLY CLASS
3110

RATIONALE

THIS DOCUMENT IS UP FOR 5-YEAR REVIEW, SO IT NEEDS TO BE REVIEWED AND THEN IT IS THE DESIRE OF THE COMMITTEE TO STABILIZE IT.

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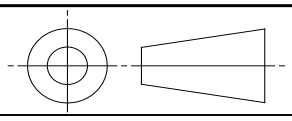
ISSUED 2002-02 REVISED 2008-01 STABILIZED 2014-11

THIRD ANGLE PROJECTION



CUSTODIAN: AIRFRAME CONTROL BEARINGS GROUP

PROCUREMENT SPECIFICATION: AS22227

AEROSPACE STANDARD

BEARING, BALL, ANNULAR, PRIMARILY FOR AIRCRAFT GENERATORS AND MOTOR-GENERATORS, WIDE CARTRIDGE, TYPE II

AS17108

REV. B

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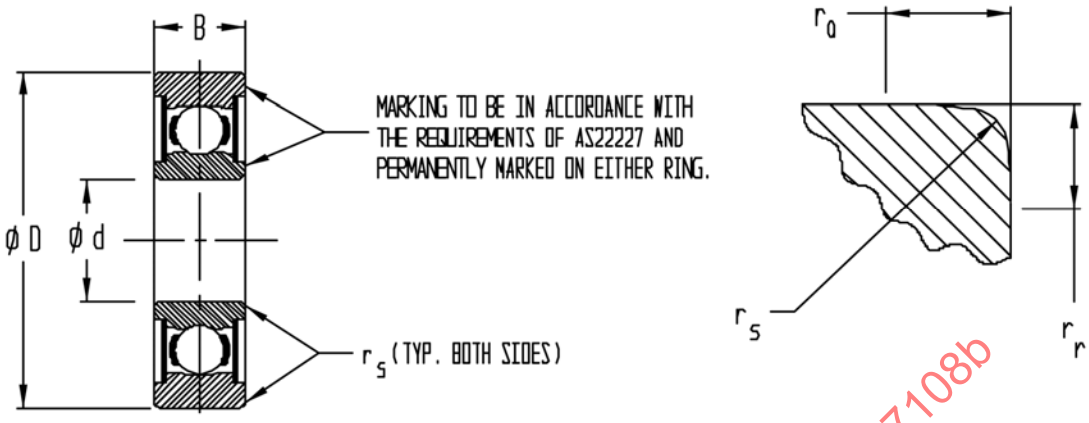

FIGURE 1

TABLE 1

DASH NO.	BORE d		D OUTSIDE DIA		WIDTH B	CORNER BREAK						CAPACITY		LIMIT CONTINUOUS RPM @ 325 °F MAX	
						r_s (4)		r_a MAX		r_r MAX		(1) C_o	(2) C		
	MM	INCH	MM	INCH	INCH	MM	INCH	MM	INCH	MM	INCH	(LB)	(LB)	GREASE	OIL
1	12	.4724	32	1.2598	.6250	0.6	0.024	2.0	0.079	1.0	0.039	595	1050	15,600	25,000
2	15	.5906	35	1.3780	.6250	0.6	0.024	2.0	0.079	1.0	0.039	680	1180	15,100	20,000
3	17	.6693	40	1.5748	.6875	0.6	0.024	2.0	0.079	1.0	0.039	765	1280	13,700	17,600
4	20	.7874	47	1.8504	.8125	1.0	0.039	3.0	0.118	1.5	0.059	1370	2210	11,400	15,000
5	25	.9843	52	2.0472	.8125	1.0	0.039	3.0	0.118	1.5	0.059	1560	2420	10,000	12,000
6	30	1.1811	62	2.4409	.9375	1.0	0.039	3.0	0.118	1.5	0.059	2230	3350	8,200	10,000
7	35	1.3780	72	2.8346	1.0625	1.1	0.043	3.5	0.138	2.0	0.079	3050	4450	7,100	8,500
8	40	1.5748	80	3.1496	1.1875	1.1	0.043	3.5	0.138	2.0	0.079	4000	5640	6,100	7,500

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