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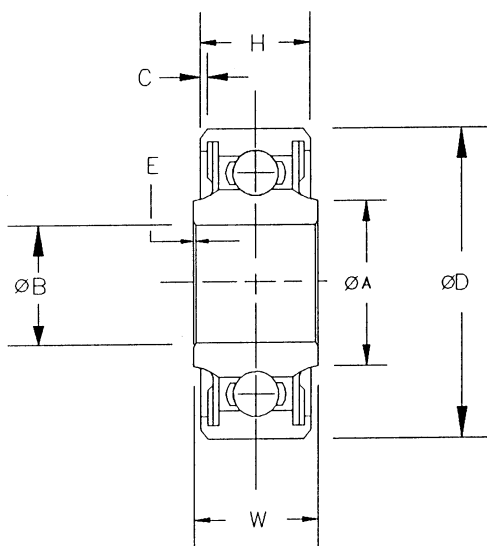
PREPARED BY AIRFRAME CONTROL BEARINGS GROUP (ACBG)

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### AEROSPACE STANDARD

BEARING, BALL, AIRFRAME,  
ANTI-FRICTION, PULLEY

**AS21443**  
SHEET 1 OF 3



MS DASH NO.	øB	øD	W	H	øA	E		C		RADIAL LIMIT LOAD RATING LBS.	THRUST LIMIT LOAD RATING LBS.	5/ RADIAL LOAD RATING (lbs) FOR AVERAGE LIFE OF 10,000 COMPLETE 90° CYCLES		WEIGHT POUNDS (APPROX)
	BORE	OUTSIDE DIAMETER	WIDTH INNER RING	WIDTH OUTER RING	SHOULDER DIAMETER INNER RING (APPROX)	CORNER CHAMFER X 45		RATING	RATING			CASE I	CASE II	
						4/ INNER RING BORE	3/ OUTER RING O.D.							
						+	+							
Z/ 8/	2/	1/ 2/	1/	1/		-.000	-.000							
-3A	.1900	.6250	.297	.234	.297	.005	.016	705	385	705	705	.01		
-3B	.1900	.7774	.297	.270	.332	.005	.024	1090	600	1090	1090	.02		
-4A	.2500	.7500	.438	.312	.372	.005	.016	1090	600	1090	1090	.03		
-4B	.2500	.8750	.438	.375	.423	.005	.022	1710	800	1710	1710	.04		
-4C	.2500	.9014	.484	.335	.390	.005	.034	1710	800	1710	1710	.04		
-5A	.3125	.8750	.625	.375	.455	.005	.022	1710	800	1710	1710	.04		
-5B	.3125	.9375	.625	.563	.455	.005	.022	3420	1030	3250	2800	.07		
-8	.5000	1.6875	.750	.563	.768	.005	.032	11800	5200	9320	7730	.24		
-10	.6250	1.1875	.438	.375	.769	.005	.022	2440	1100	2420	2180	.06		

1. ALL DIMENSIONS TO BE MET AFTER PLATING.
2. OUT-OF-ROUND TOLERANCES: BORE: +.0002, -.0007; OUTER DIA: +.0005, -.0010.
3. A RADIUS GIVING APPROXIMATELY THE SAME GRIP FOR STAKING THE BEARING IN THE HOUSING WILL BE ACCEPTABLE.
4. A RADIUS GIVING APPROXIMATELY THE SAME FILLET CLEARANCE WILL BE ACCEPTABLE.
5. CASE I - LOAD FIXED WITH RESPECT TO OUTER RING.  
CASE II - LOAD FIXED WITH RESPECT TO INNER RING.
6. THESE RATINGS ARE FOR OPERATION UP TO 250°F. FOR OPERATION UP TO 350°F, THE RATINGS SHALL BE REDUCED BY 20%.
7. -5B ONLY - DOUBLE ROW.
8. -8 ONLY - FULL TYPE - NO RETAINER.

(B) DENOTES CHANGES