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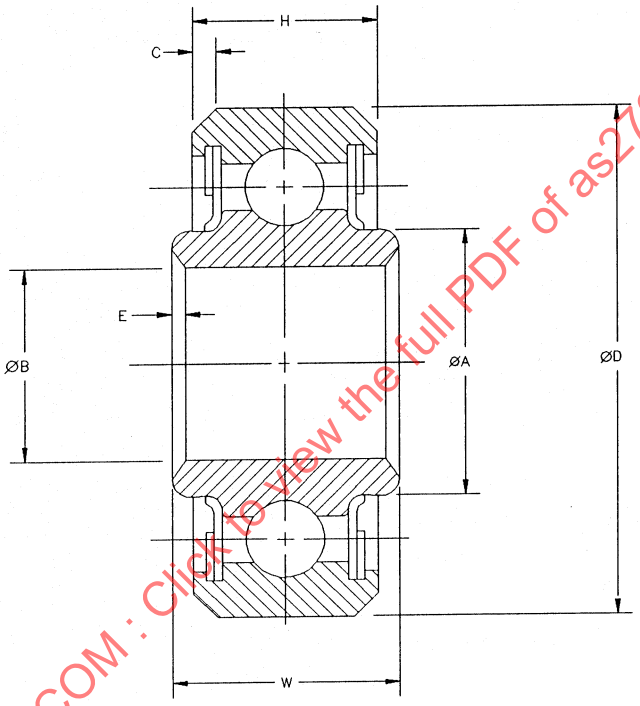

FIGURE 1

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PREPARED BY AIRFRAME CONTROL BEARINGS GROUP (ACBG)

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TABLE 1 - DIMENSIONS AND LOADS

MS DASH NO.	BEARING PART NO. REF. ONLY	øB 2/ BORE +.0000 −.0005	øD OUTSIDE DIAMETER 1/ 2/ +.0000 −.0005	W WIDTH INNER RING 1/ +.000 −.005	H WIDTH OUTER RING 1/ +.000 −.005	øA SHOULDER DIAMETER INNER RING (APPROX)	E 4/ INNER RING CORNER CHAMFER +.015 −.000	C 3/ OUTER RING CORNER CHAMFER +.015 −.000	RADIAL LIMIT LOAD RATING LB	THRUST LIMIT LOAD RATING LB	5/ 6/ RADIAL LOAD RATING (LB) FOR AVERAGE LIFE OF 10,000 COMPLETE 90° CYCLES CASE I	CASE II	WEIGHT POUNDS (APPROX)	7/ MAXIMUM STARTING TORQUE (IN-OZ)
–3A	KP3L	.1900	.6250	.245	.203	.280	.005	.010	1560	700	1520	1260	.01	1
–3	KP3	.1900	.7774	.297	.270	.331		.022	1880	900	1700	1450	.03	1
–4	KP4	.2500	.9014	.484	.335	.390		.032	2680	1200	2410	2030	.04	1
–5	KP5	.3125	1.2500	.558	.375	.469	.015		5620	2500	4900	3970	.09	1
–6	KP6	.3750	1.4375	.620	.469	.591			7910	3500	6540	5410	.15	2
–8	KP8	.5000	1.6875	.620	.500	.768		.044	11800	5200	9320	7700	.21	3
–10	KP10	.6250	1.9375	.620	.500	.850			14100	6200	11000	9060	.28	4

1/ DIMENSIONS TO BE MET AFTER PLATING.
2/ OUT-OF-ROUND TOLERANCES: BORE: +.0002, –.0007; OUTER DIA: +.0005, –.0010.
3/ 45° CHAMFER OR A RADIUS GIVING APPROXIMATELY THE SAME GRIP FOR STAKING THE BEARING IN THE HOUSING WILL BE ACCEPTABLE.
4/ 45° CHAMFER OR 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/ SPECIFIED LIMITS ARE FOR BEARINGS LUBRICATED WITH MIL-PRF-81322 GREASE. FOR BEARINGS LUBRICATED WITH MIL-PRF-23827 GREASE, THE TORQUE LIMIT SHALL BE THE SPECIFIED VALUE IN THE TABLE MULTIPLIED BY 1.2.