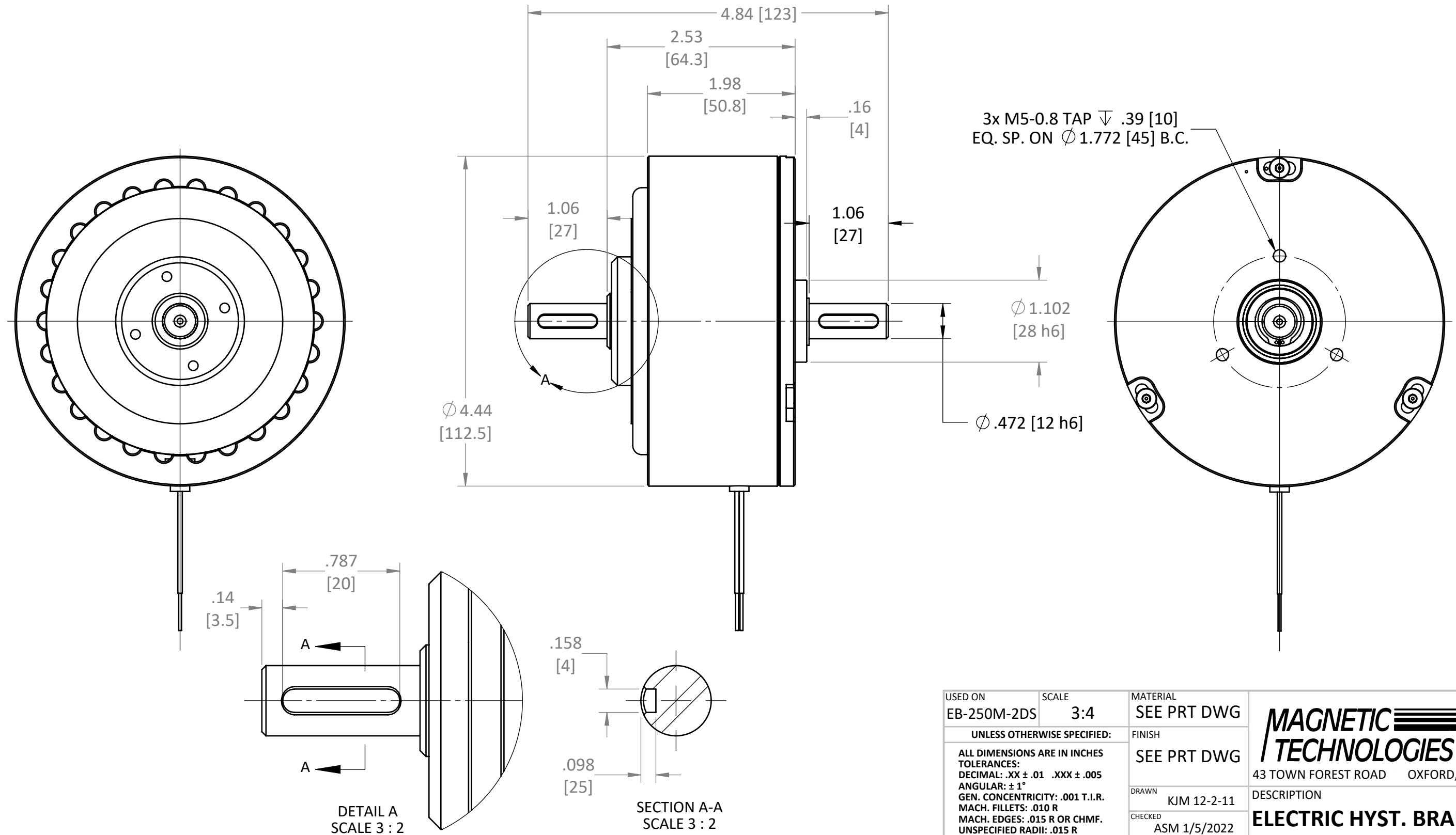


MODEL NO.	VOLTAGE (Vdc)	RATED CURRENT (mA)	MIN. TORQUE AT RATED CURRENT	RESISTANCE ±10% @ 25°C (OHMS)	NOMINAL POWER (WATTS)	MAX SPEED (RPM)	POWER RATING (WATTS) 5 MINUTES	POWER RATING (WATTS) CONTINUOUS	RESIDUAL TORQUE @ 1000 RPM	ROTOR INERTIA	ANGULAR ACCELERATION (rad / s <sup>2</sup> )	WEIGHT	REVISIONS			
													ECN.	REV.	DESCRIPTION	DATE
EB-250	24	289	297.4 oz-in	96	7.00	10,000*	450	110	1.10 oz-in	3.05 x 10 <sup>-3</sup> lb-in sec <sup>2</sup>	6,000	7.70 lb	* BALANCING FOR HIGH SPEED APPLICATIONS REQUIRED			
EB-250	24	289	2.10 Nm	96	7.00	10,000*	450	110	7.77 x 10 <sup>-3</sup> Nm	3.45 kg cm <sup>2</sup>	6,000	3.50 kg				

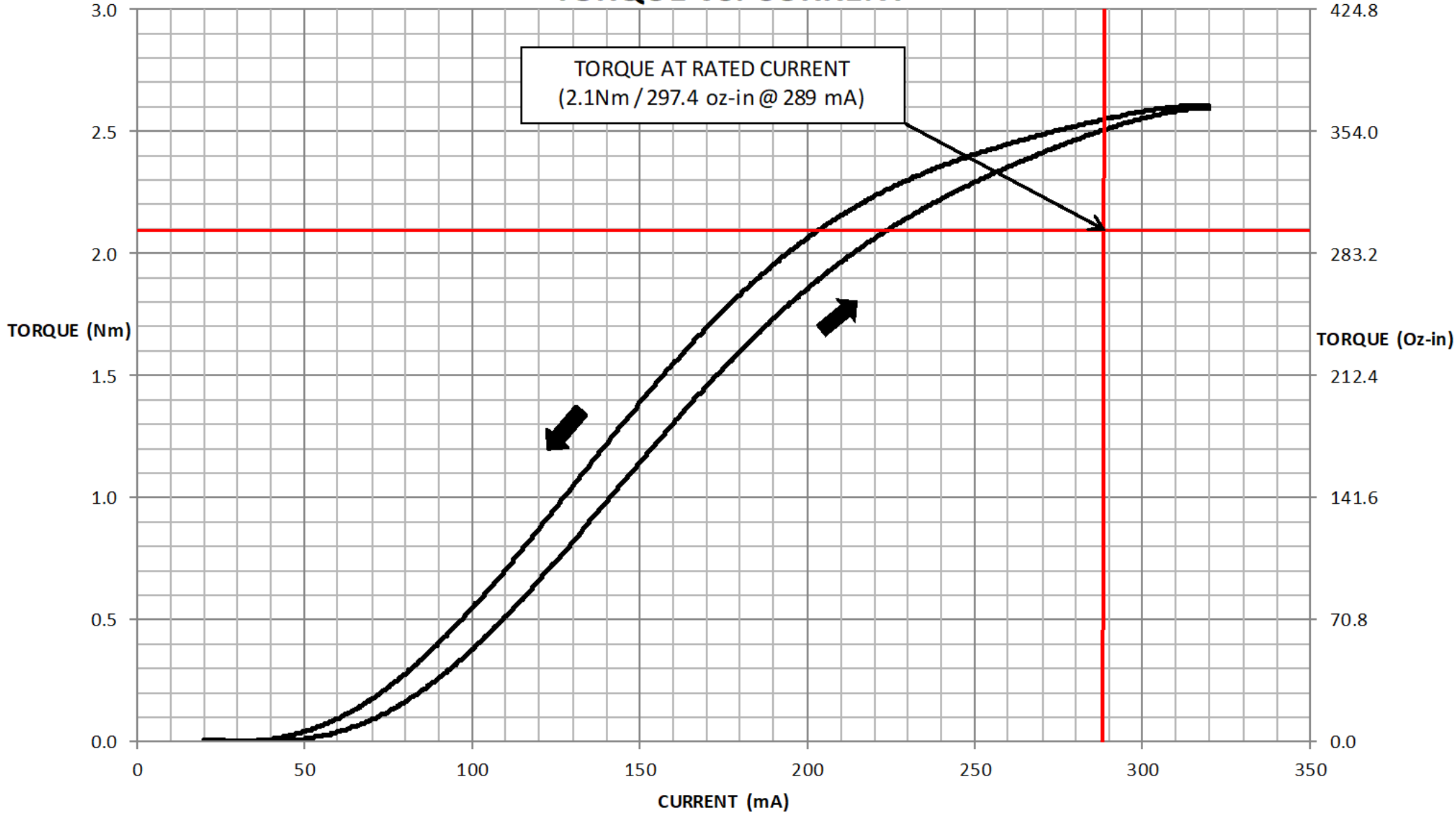


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USED ON EB-250M-2DS	SCALE 3:4	MATERIAL SEE PRT DWG	<b>MAGNETIC TECHNOLOGIES LTD.</b> 43 TOWN FOREST ROAD OXFORD, MA 01540
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES: DECIMAL: .XX ± .01 .XXX ± .005 ANGULAR: ± 1° GEN. CONCENTRICITY: .001 T.I.R. MACH. FILLETS: .010 R MACH. EDGES: .015 R OR CHMF. UNSPECIFIED RADII: .015 R IN MICROINCHES RMS 32 GEOMETRIC: TO MIL-ST'D. 8 REMOVE ALL BURRS & SHARP EDGES		FINISH SEE PRT DWG	
		DRAWN KJM 12-2-11	DESCRIPTION <b>ELECTRIC HYST. BRAKE</b>
		CHECKED ASM 1/5/2022	DWG. NO. _____ REV. _____
		SIZE: B	<b>EB-250M-2DS</b>

# EB-250M-2DS ELECTRIC HYSTERESIS BRAKE

## TORQUE VS. CURRENT



**NOTE:**

1. ACTUAL CURVE MAY VARY. THE TORQUE AT THE RATED CURRENT IS THE MINIMUM GUARANTEED TORQUE AT THAT CURRENT. TYPICAL BRAKES CAN BE 10-25% OVER RATED TORQUE, BUT THOSE RESULTS ARE **NOT** GUARANTEED.

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USED ON EB-250M-2DS	SCALE	MATERIAL	<b>MAGNETIC TECHNOLOGIES LTD.</b>
<b>UNLESS OTHERWISE SPECIFIED:</b> ALL DIMENSIONS ARE IN INCHES TOLERANCES: DECIMAL: .XX ± .01 .XXX ± .005 ANGULAR: ± 1° GEN. CONCENTRICITY: .001 T.I.R. MACH. FILLETS: .010 R MACH. EDGES: .015 R OR CHMF. UNSPECIFIED RADII: .015 R IN MICROINCHES RMS 32 GEOMETRIC: TO MIL-ST'D. 8 REMOVE ALL BURRS & SHARP EDGES			
DRAWN KJM 1-27-12		FINISH	DWG. NO.
CHECKED ASM 1/5/2022		WEIGHT:	REV.
SIZE: B			<b>EB-250M-2DS</b>