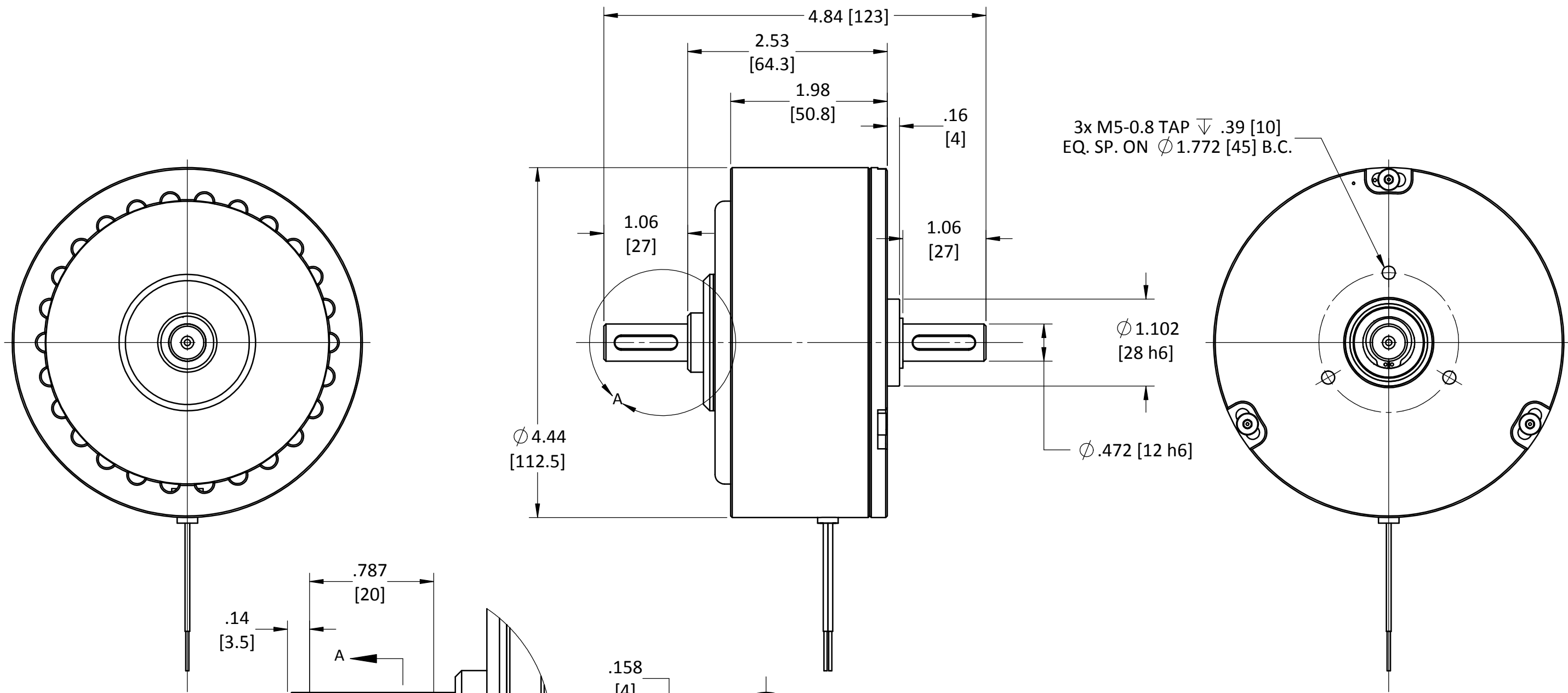


MODEL NO.	VOLTAGE (Vdc)	RATED CURRENT (mA)	MIN. TORQUE AT RATED CURRENT	RESISTANCE ±10% @ 25°C (OHMS)	NOMINAL POWER (WATTS)	MAX SPEED (RPM)	POWER RATING (WATTS) 5 MINUTES	POWER RATING (WATTS) CONTINUOUS	RESIDUAL TORQUE @ 1000 RPM	ROTOR INERTIA	ANGULAR ACCELERATION (rad / s ²)	WEIGHT	REVISIONS			
													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 ⁻³ lb-in sec ²	6,000	7.70 lb				
EB-250	24	289	2.10 Nm	96	7.00	10,000	450	110	7.77 x 10 ⁻³ Nm	3.45 kg cm ²	6,000	3.50 kg				



DETAIL A
SCALE 3 : 2

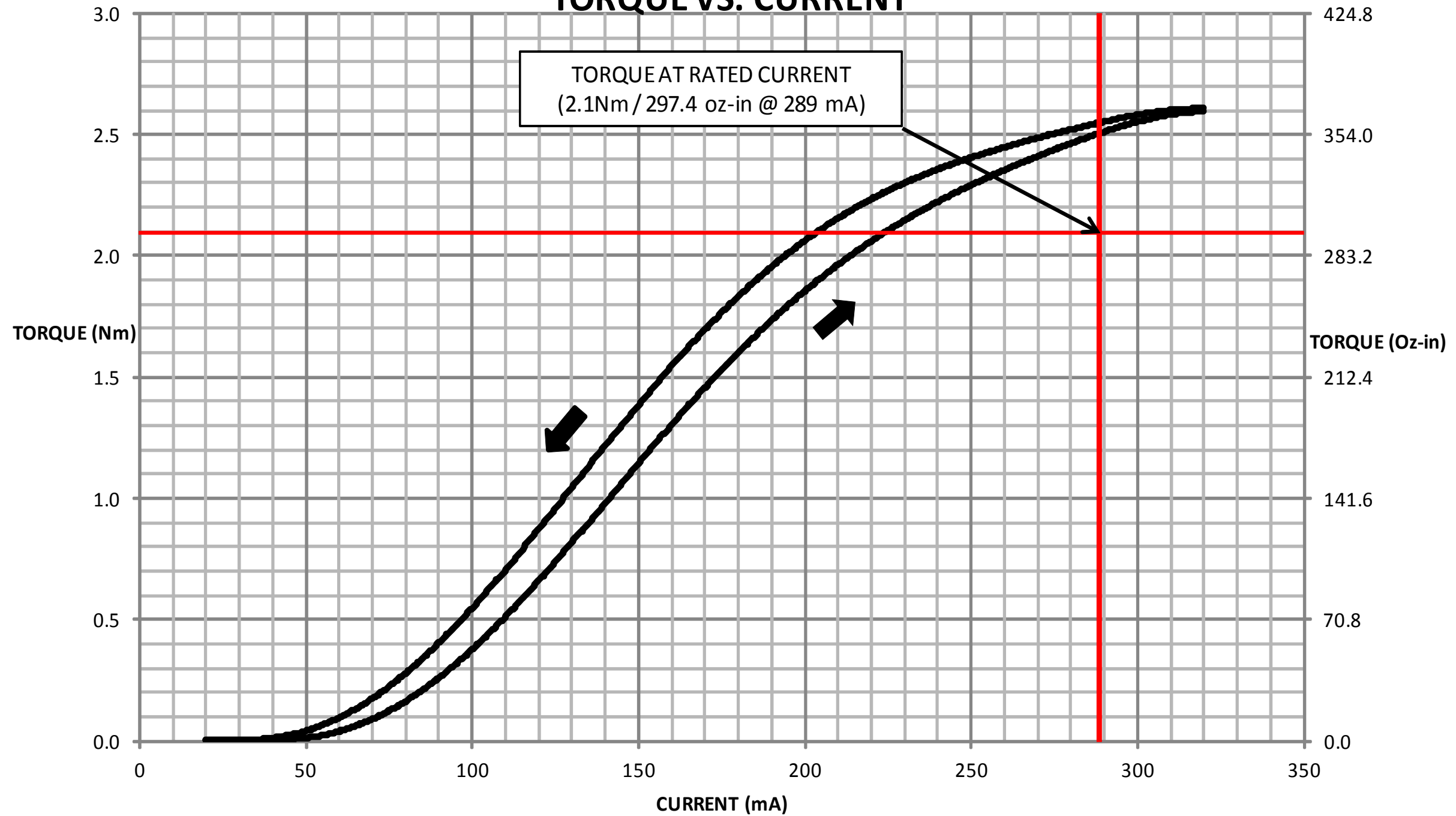
SECTION A-A
SCALE 3 : 2

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USED ON EB-250M-2DS	SCALE 3:4	MATERIAL SEE PRT DWG	 43 TOWN FOREST ROAD OXFORD, MA 01540
UNLESS OTHERWISE SPECIFIED:		FINISH SEE PRT DWG	
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 12-2-11 CHECKED
SIZE: B		DESCRIPTION ELECTRIC HYST. BRAKE	DWG. NO. REV.
		EB-250M-2DS	

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	MAGNETIC TECHNOLOGIES LTD. 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			
DRAWN KJM 1-27-12		CHECKED	DESCRIPTION TECHNICAL DATA
WEIGHT:		DWG. NO. _____ REV. _____	
SIZE: B			EB-250M-2DS