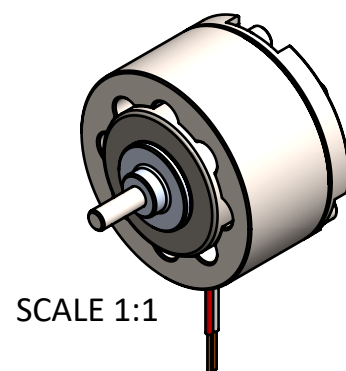
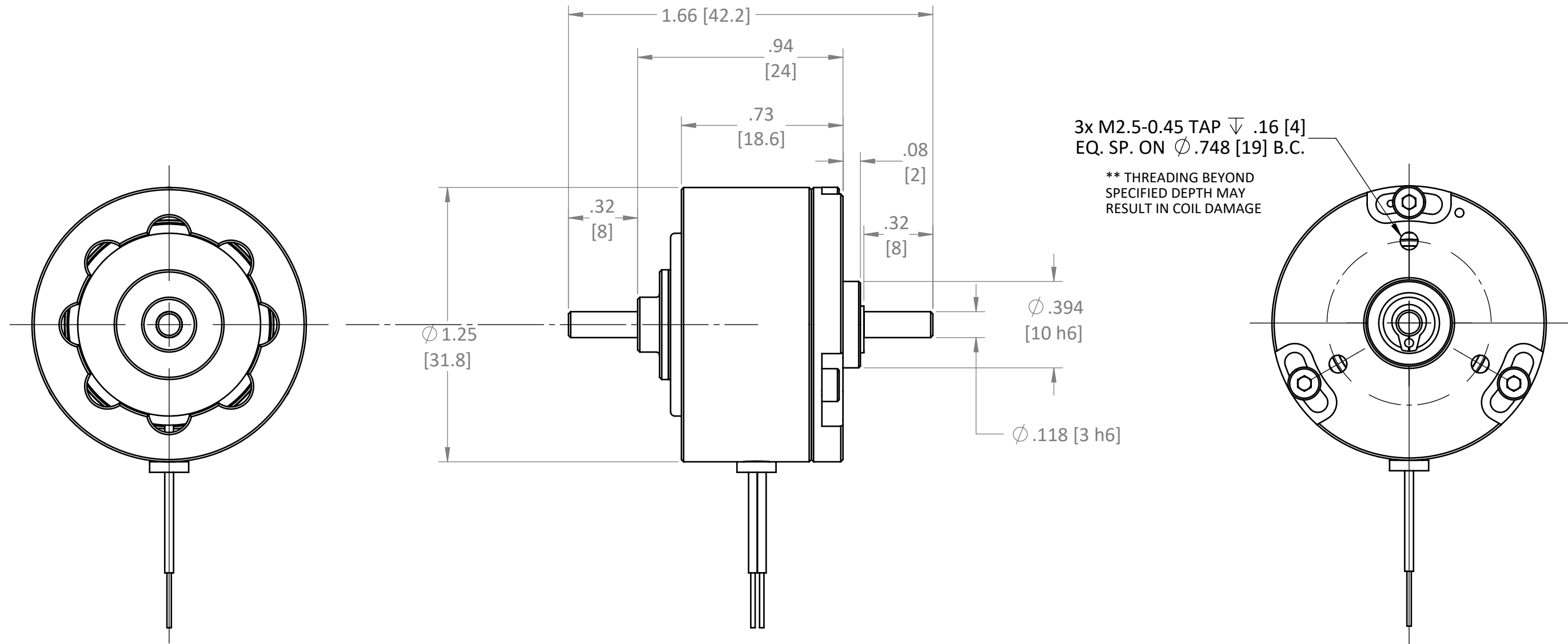


MODEL NO.	VOLTAGE (Vdc)	RATED CURRENT (mA)	MIN. TORQUE AT RATED CURRENT	RESISTANCE ±10% @ 25°C (OHMS)	NOMINAL POWER (WATTS)	MAX SPEED (RPM)	POWER RATING (WATTS) 5 MINUTES	POWER RATING (WATTS) CONTINUOUS	RESIDUAL TORQUE @ 1000 RPM	ROTOR INERTIA	ANGULAR ACCELERATION	WEIGHT	REVISIONS		
													REV.	ECN.	DESCRIPTION
EB-3	24	155	3.4 oz-in	171	3.6	20,000*	20	5	.05 oz-in	3.806 x 10 <sup>-6</sup> lb in sec <sup>2</sup>	56,000 rad / s <sup>2</sup>	.23 lb	<b>* BALANCING FOR HIGH SPEED APPLICATIONS REQUIRED</b>		
EB-3	24	155	.024 Nm	171	3.6	20,000*	20	5	3.53 x 10 <sup>-4</sup> Nm	4.3 x 10 <sup>-3</sup> kg cm <sup>2</sup>	56,000 rad / s <sup>2</sup>	.103 kg			

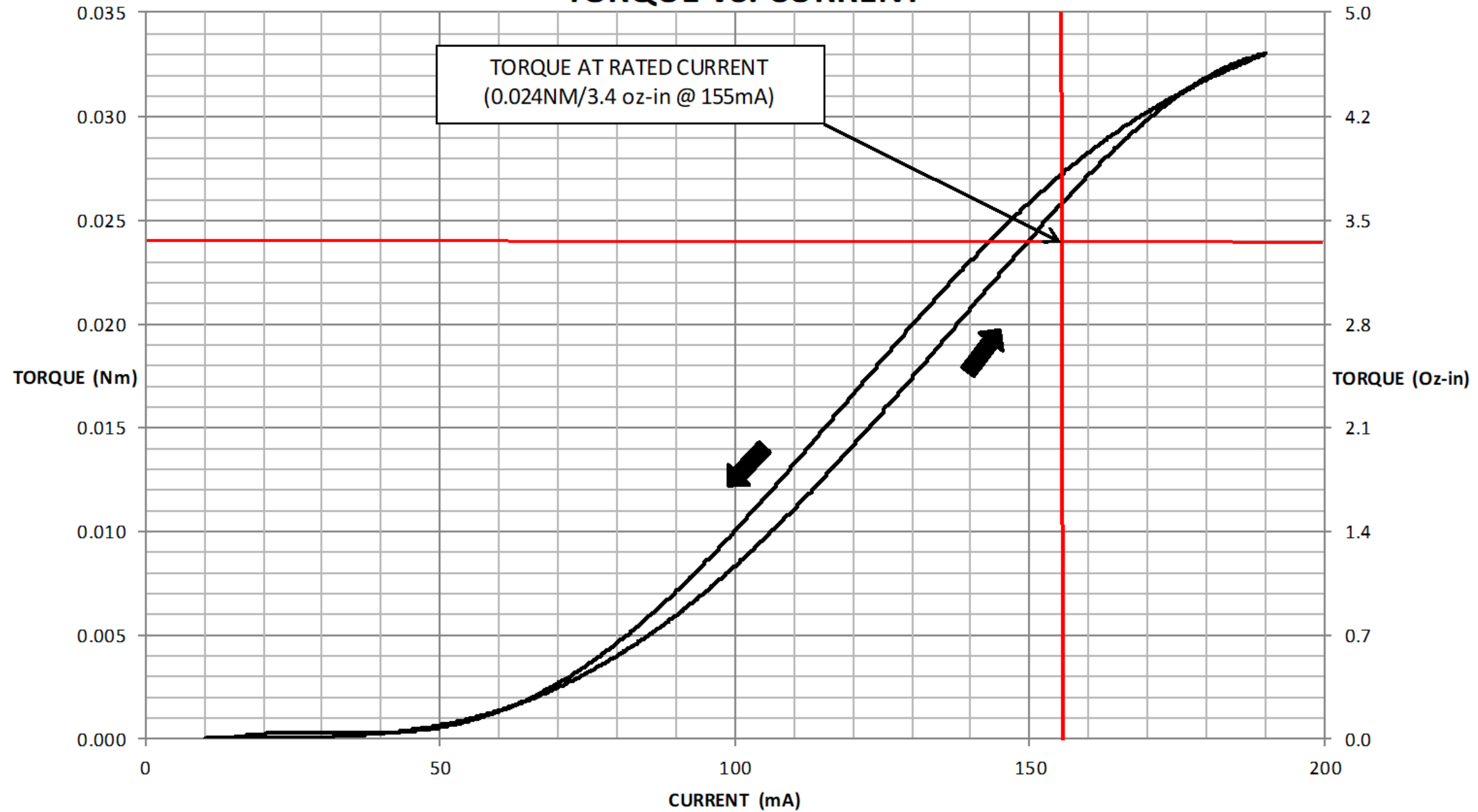


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USED ON EB-3M-2DS	SCALE 2:1	MATERIAL SEE PRT. DWG	 43 TOWN FOREST ROAD OXFORD, MA 01540
UNLESS OTHERWISE SPECIFIED:		FINISH SEE PRT. DWG	
ALL DIMENSIONS ARE IN INCHES TOLERANCES: DECIMAL: .XX ± .01 .XXX ± .005 ANGULAR: ± 1° GEN. CONCENTRICITY: .001 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			DESCRIPTION <b>ELECTRIC HYST. BRAKE</b>
		DRAWN KJM 12-6-11	DWG. NO.
		CHECKED ASM 1/5/2022	REV.
		SIZE: B	<b>EB-3M-2DS</b>

# EB-3M-2DS ELECTRIC HYSTERESIS BRAKE


## TORQUE VS. CURRENT



**NOTE:**

- 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-3M-2DS	SCALE NONE	MATERIAL	 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	
		DRAWN KJM 1-12-11	TECHNICAL DATA
		CHECKED ASM 1/5/2022	DWG. NO.
		WEIGHT:	REV.
		SIZE: B	<b>EB-3M-2DS</b>