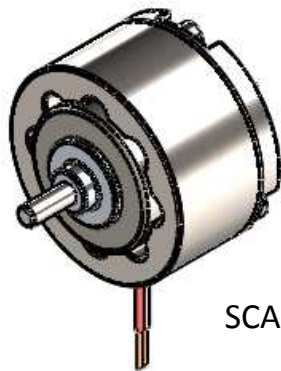
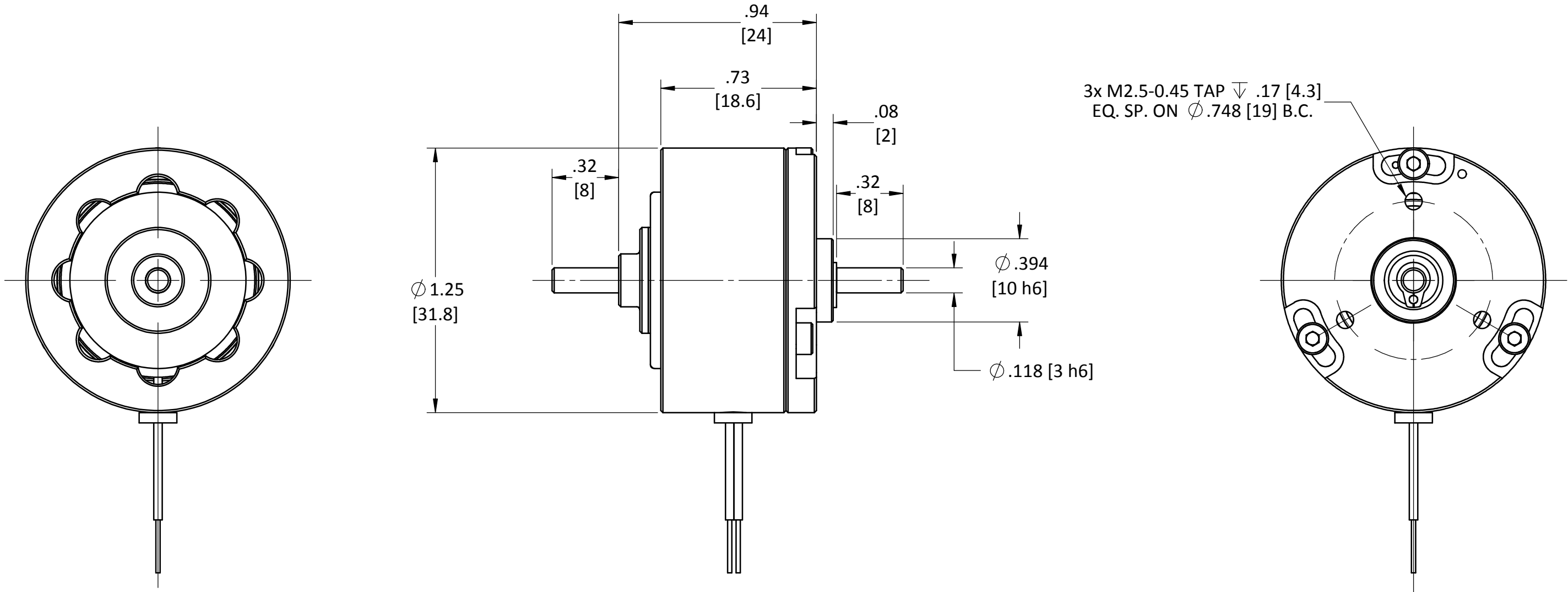


MODEL NO.	VOLTAGE (Vdc)	RATED CURRENT (mA)	MIN. TORQUE AT RATED CURRENT	RESISTANCE ±10% @ 25°C (OHMS)	NOMINAL POWER (WATTS)	MAX SPEED (RPM)	POWER RATING (WATTS) 5 MINUTES	POWER RATING (WATTS) CONTINUOUS	RESIDUAL TORQUE @ 1000 RPM	ROTOR INERTIA	ANGULAR ACCELERATION	WEIGHT	REVISIONS			
													REV.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

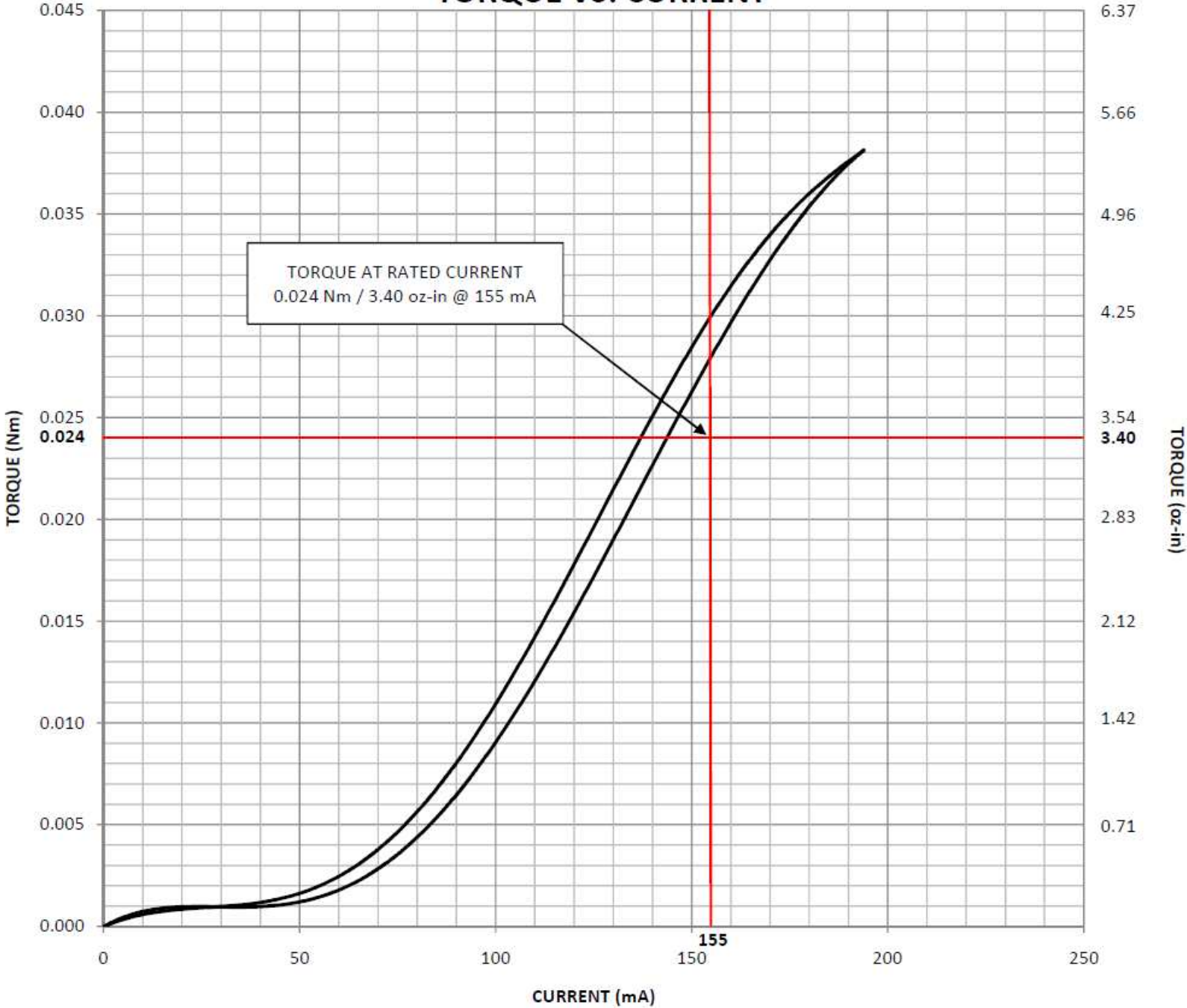


SCALE 1:1

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USED ON EB-3M-2DS	SCALE 2:1	MATERIAL SEE PRT. DWG	 43 TOWN FOREST ROAD OXFORD, MA 01540 DESCRIPTION ELECTRIC HYST. BRAKE DWG. NO. REV. EB-3M-2DS
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 12-6-11	
		CHECKED	
		SIZE: B	

EB-3M-2DS ELECTRIC HYSTERESIS BRAKE
PERFORMANCE CURVE
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	SCALE	MATERIAL	MAGNETIC TECHNOLOGIES LTD. 43 TOWN FOREST ROAD OXFORD, MA 01540 DESCRIPTION TECHNICAL DATA DWG. NO. REV. EB-3M-2DS
EB-3M-2DS	NONE		
UNLESS OTHERWISE SPECIFIED:		FINISH	
ALL DIMENSIONS ARE IN INCHES		DRAWN	
TOLERANCES:		CHECKED	
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			
		WEIGHT:	
		SIZE: B	