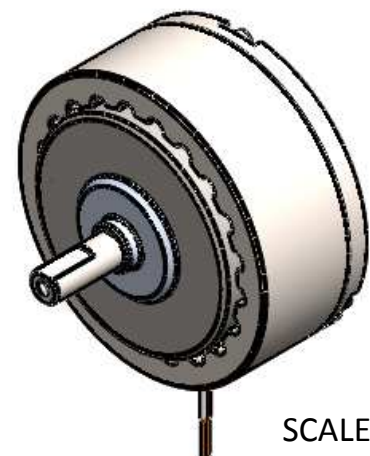
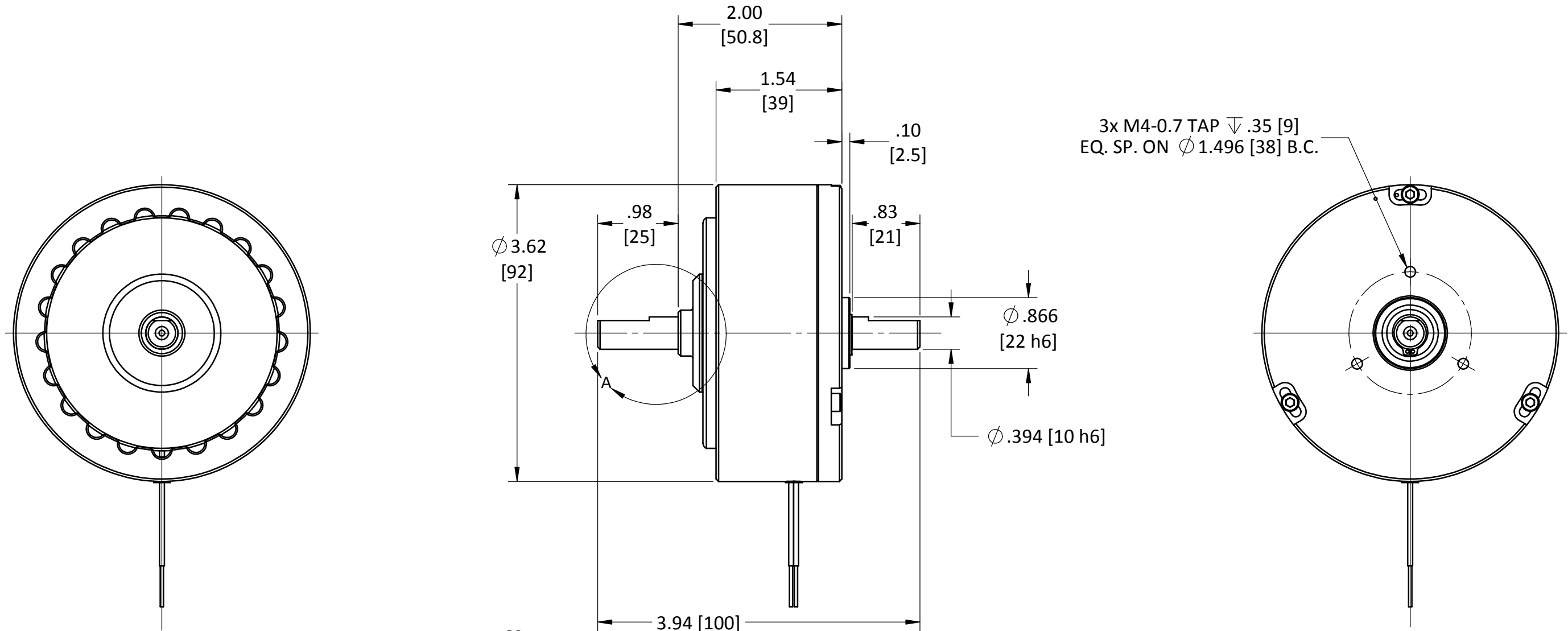
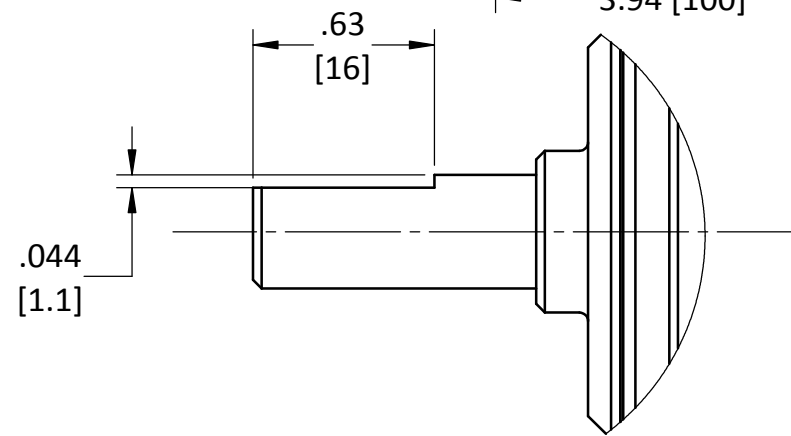


MODEL NO.	VOLTAGE (Vdc)	RATED CURRENT (mA)	MIN. TORQUE AT RATED CURRENT	RESISTANCE ±10% @ 25°C (OHMS)	NOMINAL POWER (WATTS)	MAX SPEED (RPM)	POWER RATING (WATTS) 5 MINUTES	POWER RATING (WATTS) CONTINUOUS	RESIDUAL TORQUE @ 1000 RPM	ROTOR INERTIA	ANGULAR ACCELERATION (rad / s ²)	WEIGHT	REVISIONS			
													REV.	ECN.	DESCRIPTION	DATE
EB-140	24	270	169.9 oz-in	95	6.1	12,000	300	75	767.47 x 10 ⁻³ oz-in	8.85 x 10 ⁻⁴ lb-in sec ²	12,000	4.07 lb				
EB-140	24	270	1.20 Nm	95	6.1	12,000	300	75	5.42 x 10 ⁻³ Nm	1.00 kg cm ²	12,000	1.85 kg				



SCALE 1:2



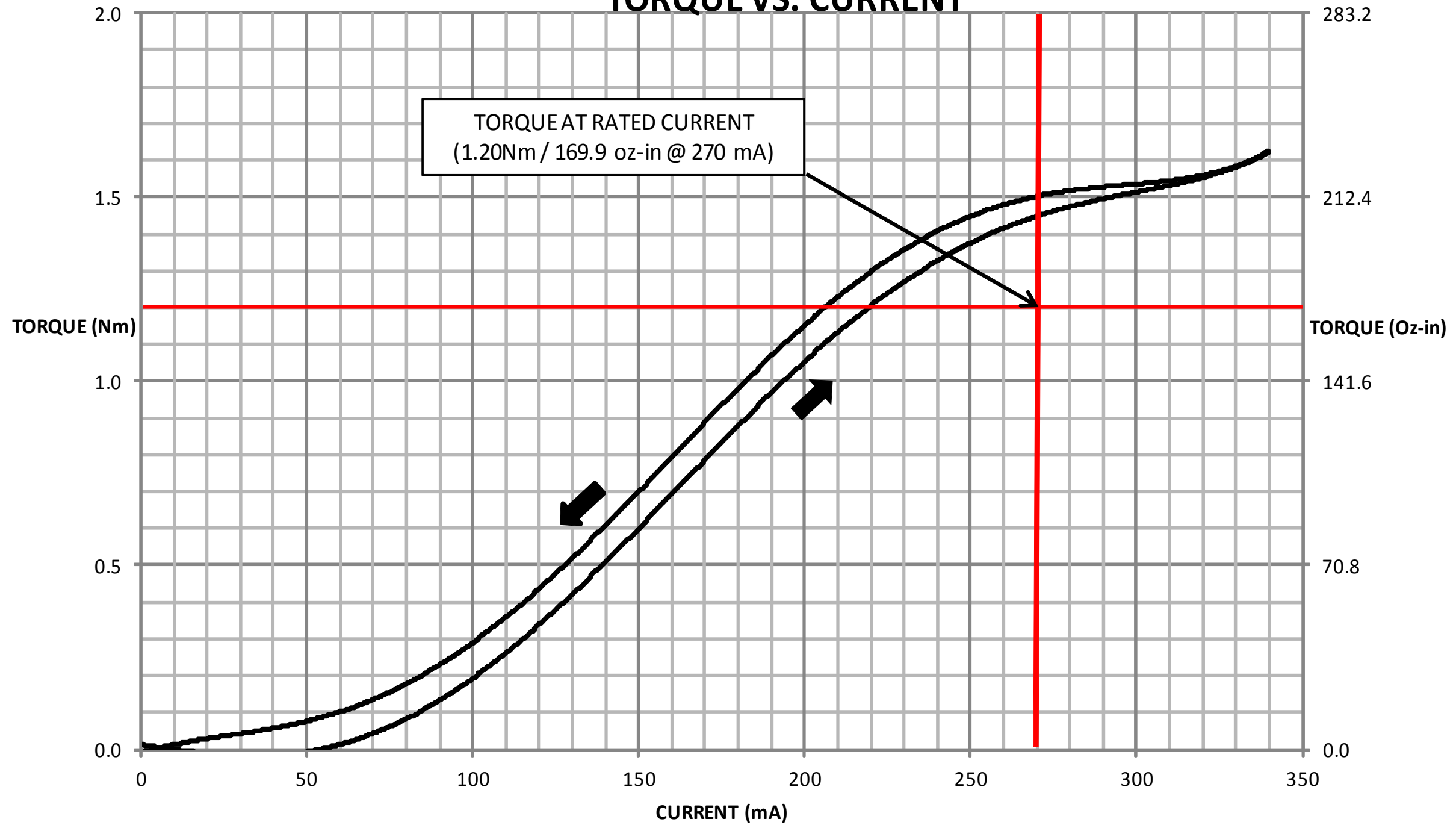
DETAIL A
SCALE 3 : 2

USED ON EB-140M-2DS	SCALE 3:4	MATERIAL SEE PRT DWG	
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			43 TOWN FOREST ROAD OXFORD, MA 01540 DESCRIPTION ELECTRIC HYST. BRAKE
		DRAWN KJM 12-2-11	DWG. NO.
		CHECKED	REV.
		SIZE: B	EB-140M-2DS

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EB-140M-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-140M-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			
			TECHNICAL DATA DWG. NO. REV. EB-140M-2DS
		WEIGHT: SIZE: B	