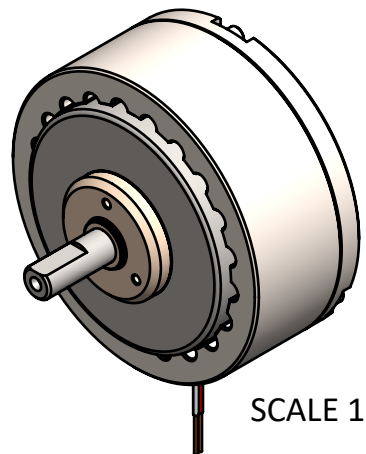
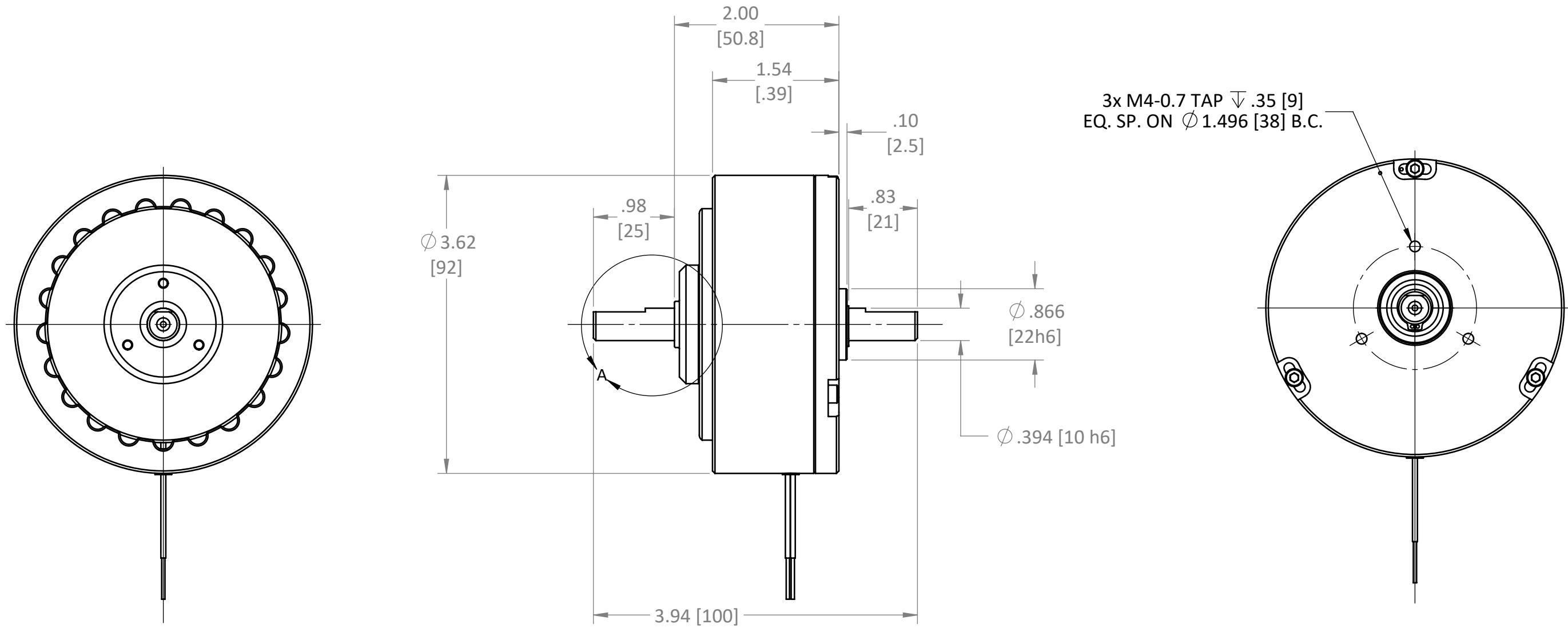
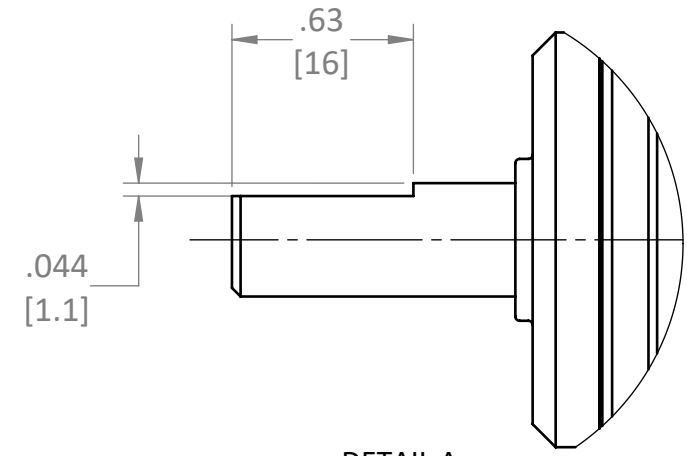


MODEL NO.	VOLTAGE (Vdc)	RATED CURRENT (mA)	MIN. TORQUE AT RATED CURRENT	RESISTANCE ±10% @ 25°C (OHMS)	NIMINAL POWER (WATTS)	MAX SPEED (RPM)	POWER RATING (WATTS) 5 MINUTES	POWER RATING (WATTS) CONTINUOUS	RESIDUAL TORQUE @ 1000 RPM	ROTOR INERTIA	ANGULAR ACCELERATION (rad / s^2)	WEIGHT	REVISIONS		
													REV.	ECN.	DESCRIPTION
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	* BALANCING FOR HIGH SPEED APPLICATIONS REQUIRED		
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



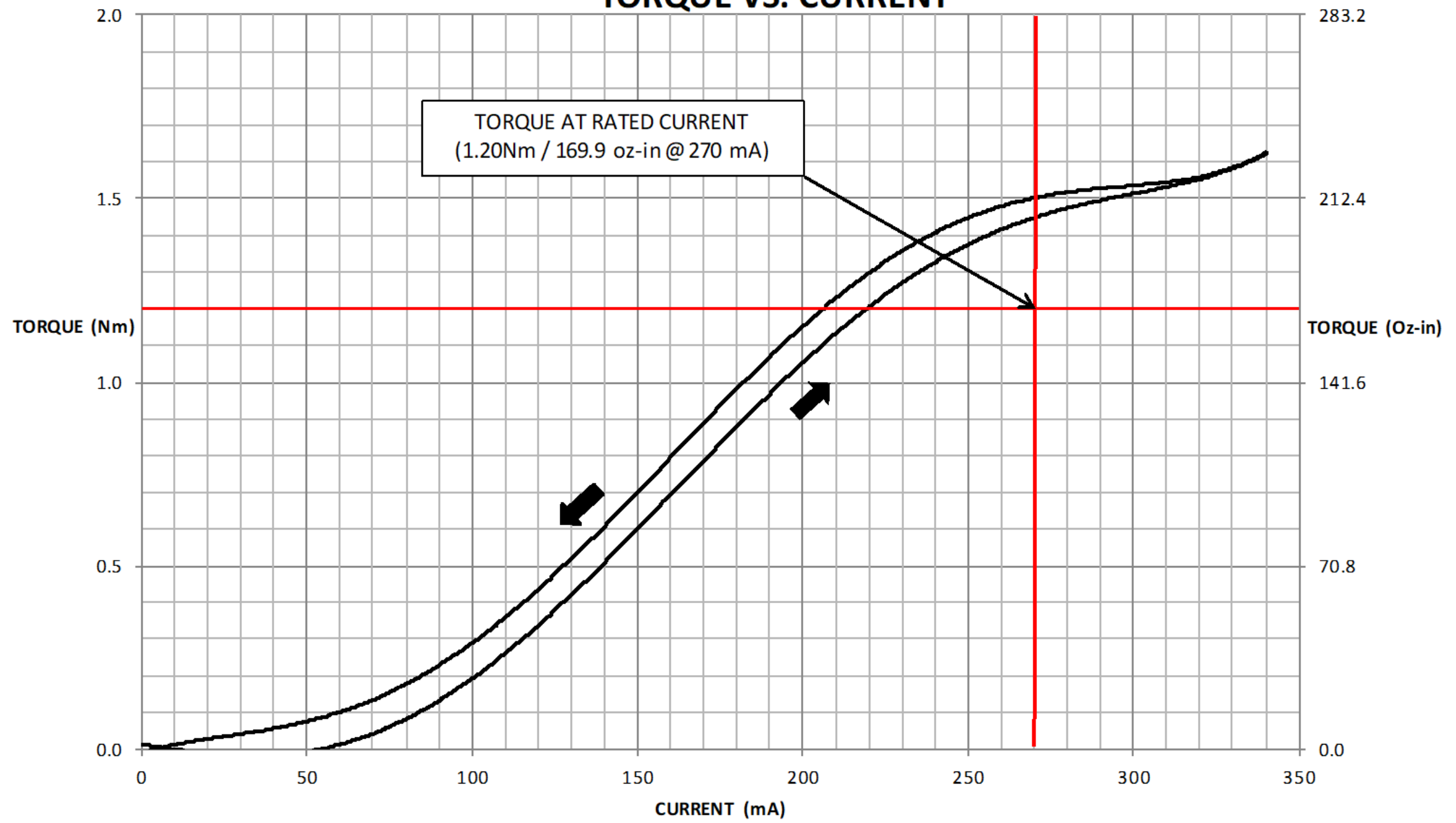
DETAIL A
SCALE 3 : 2

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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		CHECKED ASM 1/5/2022	DWG. NO. _____ REV. _____
SIZE: B			EB-140M-2DS

EB-140M-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-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			
DRAWN KJM 1-26-12		TECHNICAL DATA DWG. NO. REV. EB-140M-2DS	
CHECKED ASM 1/5/2022			
WEIGHT:		SIZE: B	