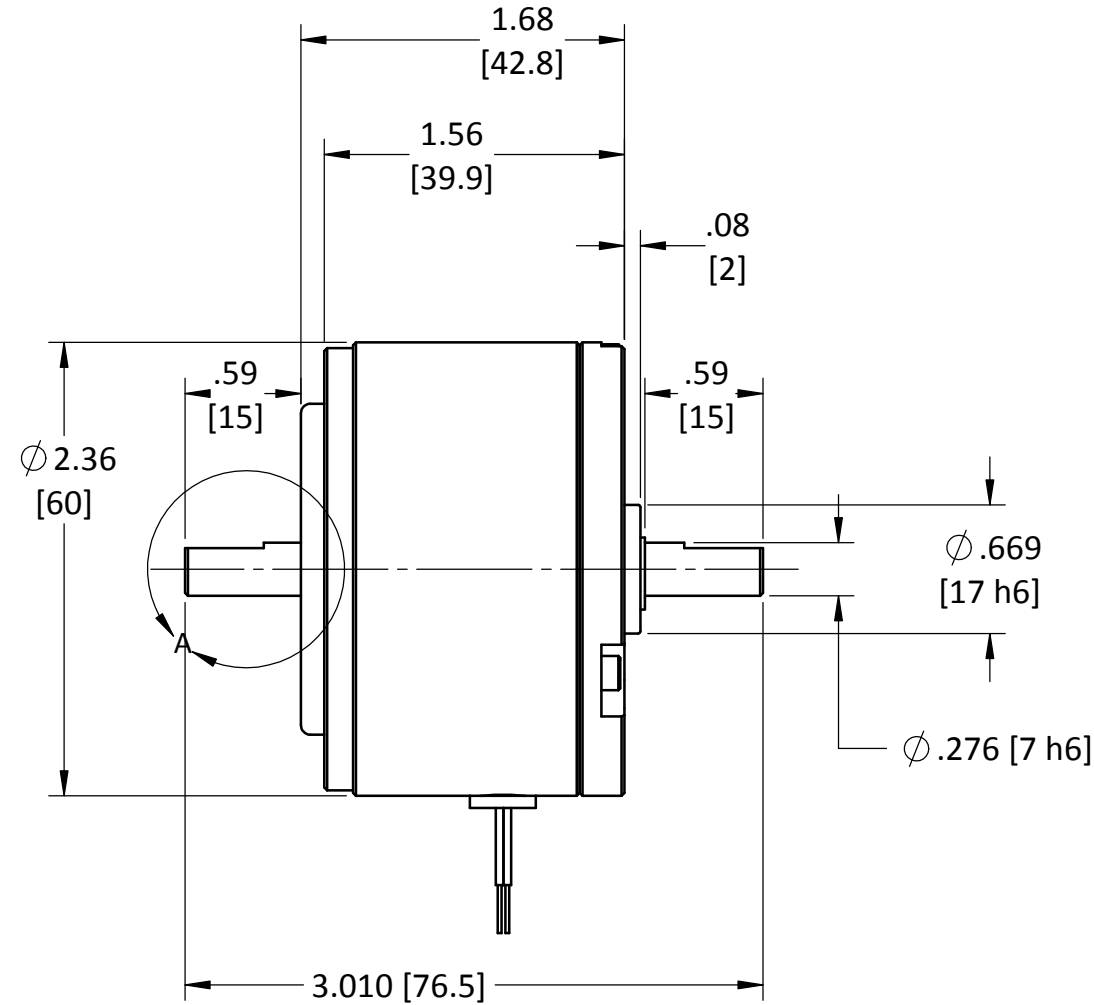
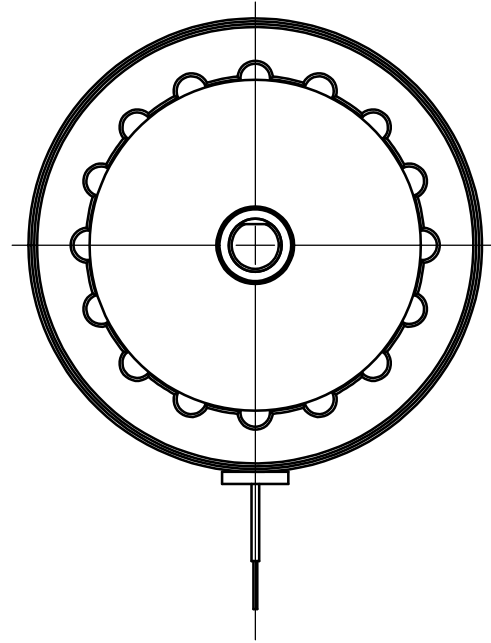
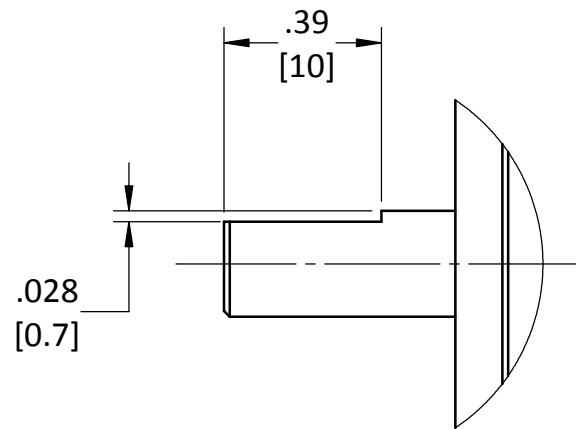
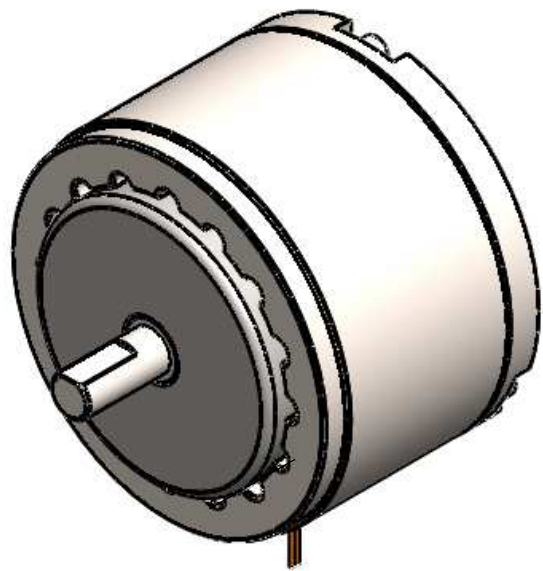
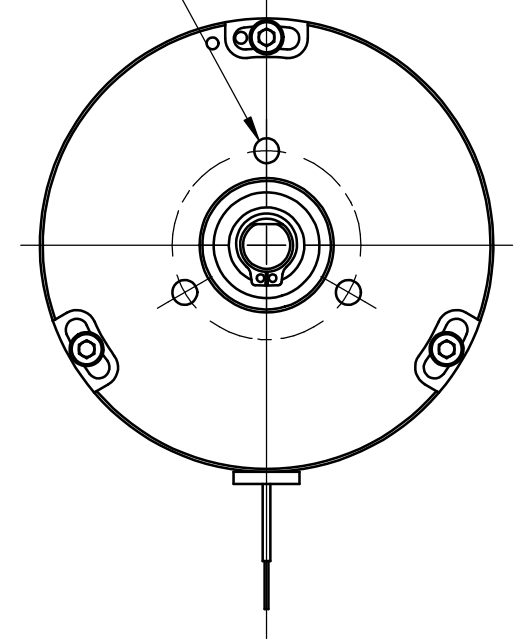


MODEL NO.	VOLTAGE (Vdc)	RATED CURRENT (mA)	MIN. TORQUE AT RATED CURRENT	RESISTANCE ±10% @ 25°C (OHMS)	NOMINAL POWER (WATTS)	MAX SPEED (RPM)	POWER RATING (WATTS) 5 MINUTES	POWER RATING (WATTS) CONTINUOUS	RESIDUAL TORQUE @ 1000 RPM	ROTOR INERTIA	ANGULAR ACCELERATION (rad / s ²)	WEIGHT	REVISIONS			
													REV.	ECN.	DESCRIPTION	DATE
EB-50	24	270	53.8 oz-in	95	6.1	15,000	90	23	.219 oz-in	147.8 x 10 ⁻⁶ lb-in sec ²	23,000	1.68 lb				
EB-50	24	270	.38 Nm	95	6.1	15,000	90	23	1.55 x 10 ⁻³ Nm	.167 kg cm ²	23,000	.76 kg				



3x M4-0.7 TAP ∇.31 [8]
EQ. SP. ON Ø.984 [25] B.C.



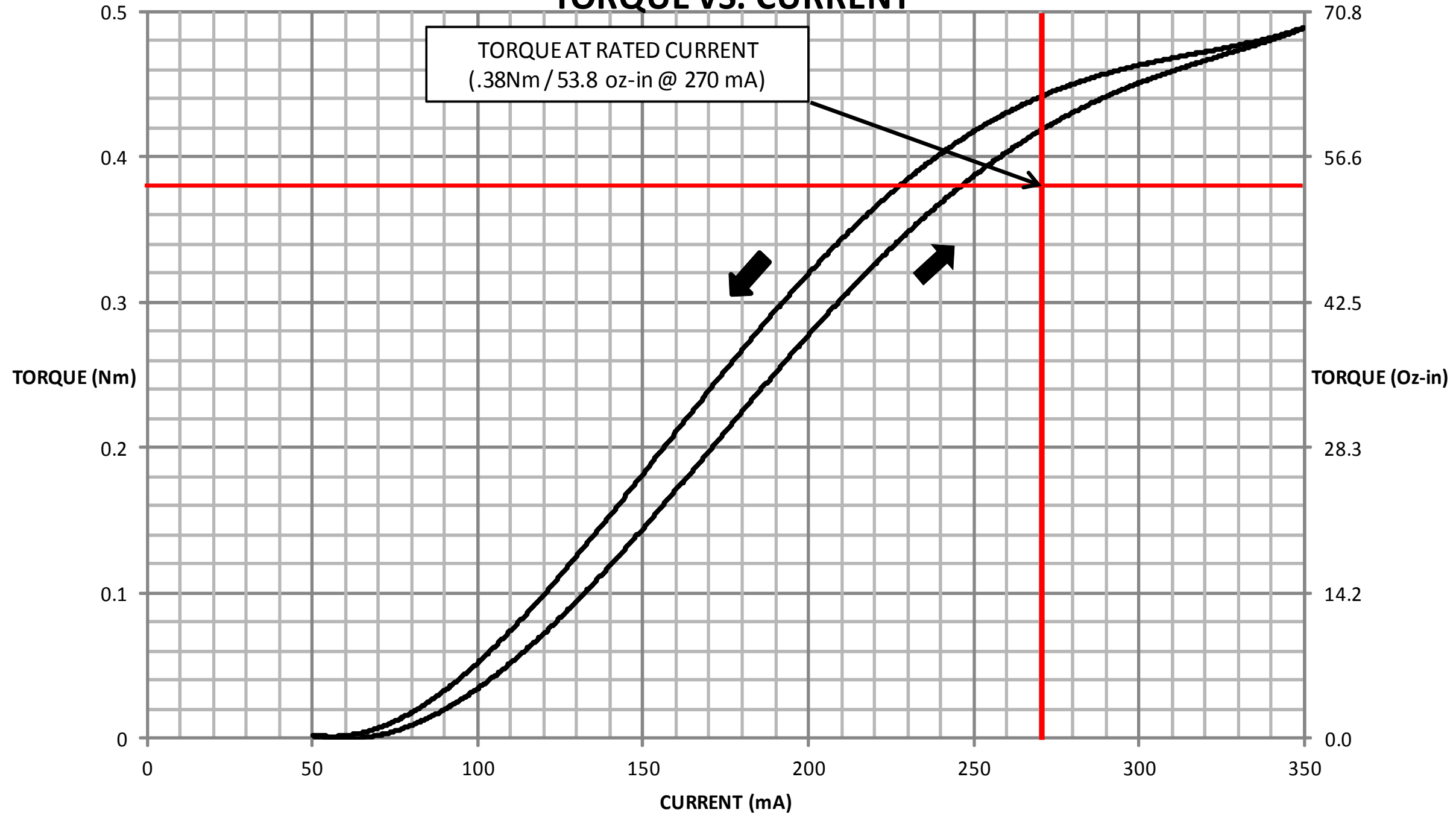
DETAIL A
SCALE 2 : 1

USED ON EB-50M-2DS	SCALE 1:1	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 ELECTRIC HYST. BRAKE
		DRAWN KJM 12-1-11	DWG. NO. EB-50M-2DS
		CHECKED	REV.
		SIZE: B	

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EB-50M-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-50M-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 2-13-12		CHECKED	DESCRIPTION TECHNICAL DATA
WEIGHT:		DWG. NO. _____ REV. _____	
SIZE: B			EB-50M-2DS