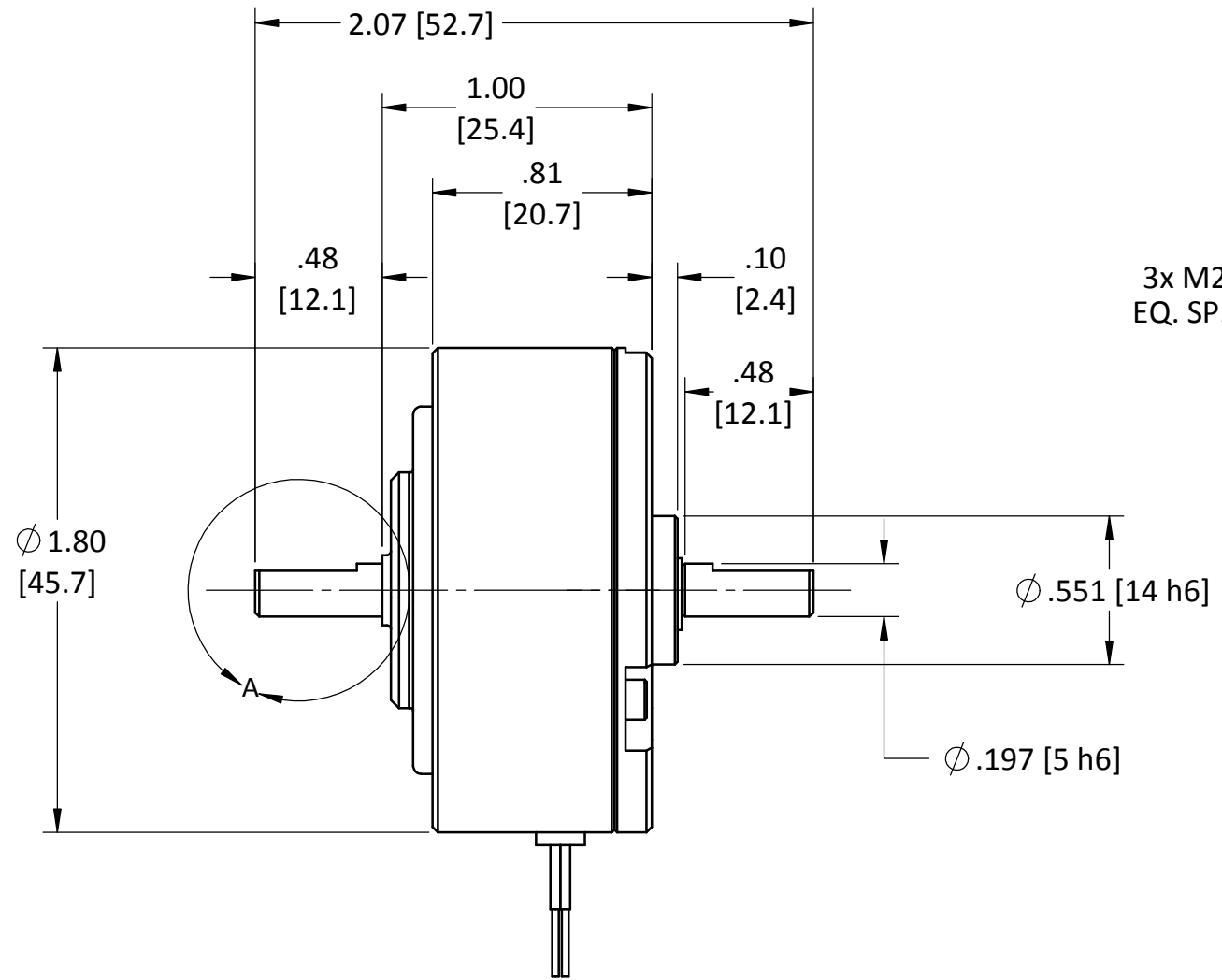
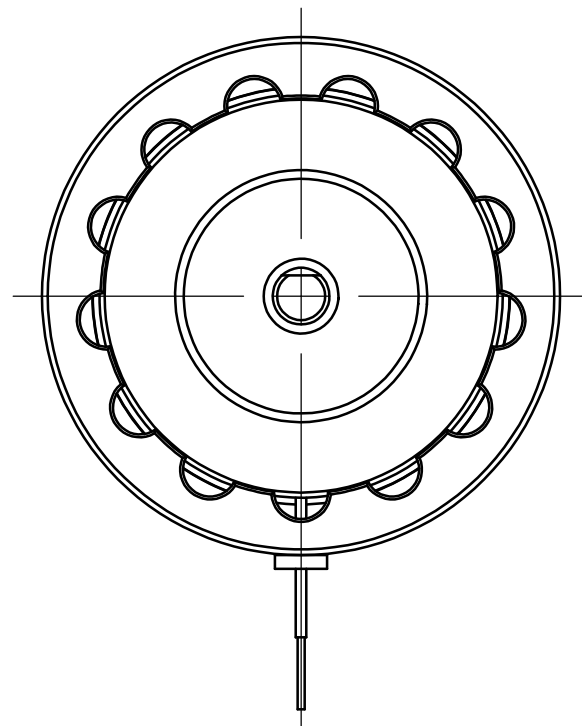
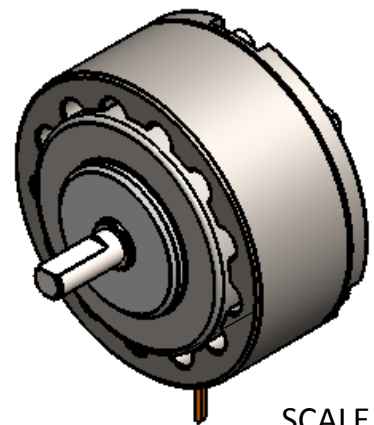
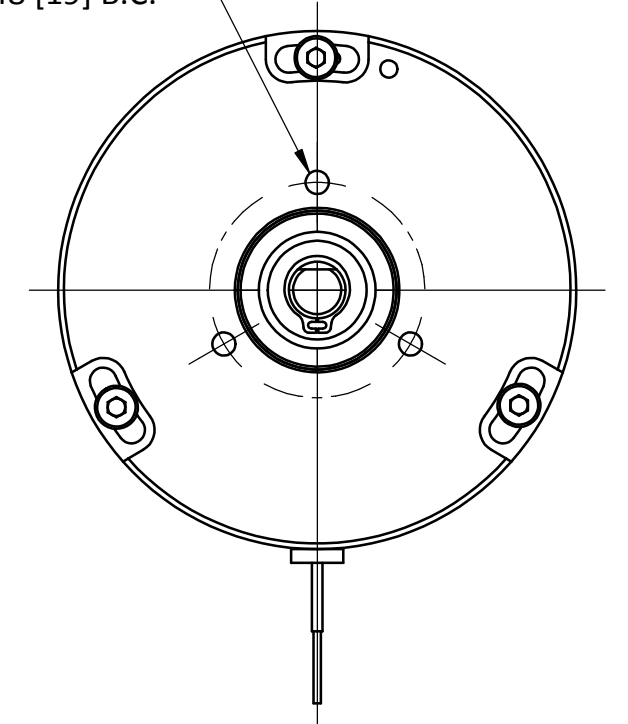


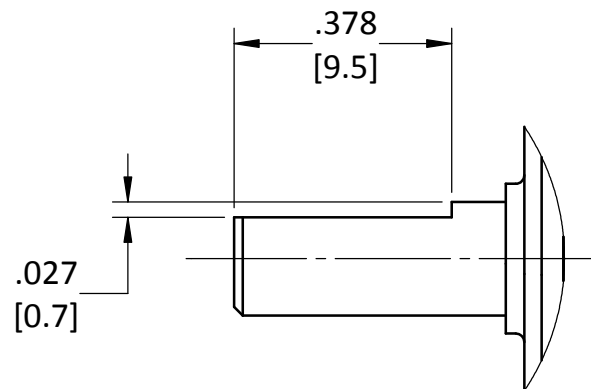
MODEL NO.	VOLTAGE (Vdc)	RATED CURRENT (mA)	MIN. TORQUE AT RATED CURRENT	RESISTANCE ±10% @ 25°C (OHMS)	NOMINAL POWER (WATTS)	MAX SPEED (RPM)	POWER RATING (WATTS) 5 MINUTES	POWER RATING (WATTS) CONTINUOUS	RESIDUAL TORQUE @ 1000 RPM	ROTOR INERTIA	ANGULAR ACCELERATION (rad / s^2)	WEIGHT	REVISIONS			
													REV.	ECN.	DESCRIPTION	DATE
EB-10	24	143	13.5 oz-in	180	3.18	20,000	45	12	.10 oz-in	38.50 x 10^-6 lb-in sec^2	22,000	.52 lb				
EB-10	24	143	.095 Nm	180	3.18	20,000	45	12	7.06 x 10^-4 Nm	.0435 kg cm^2	22,000	.24 kg				



3x M2.5-.45 TAP  $\nabla$  .20 [5]  
EQ. SP. ON  $\phi$ .748 [19] B.C.



SCALE 1:1



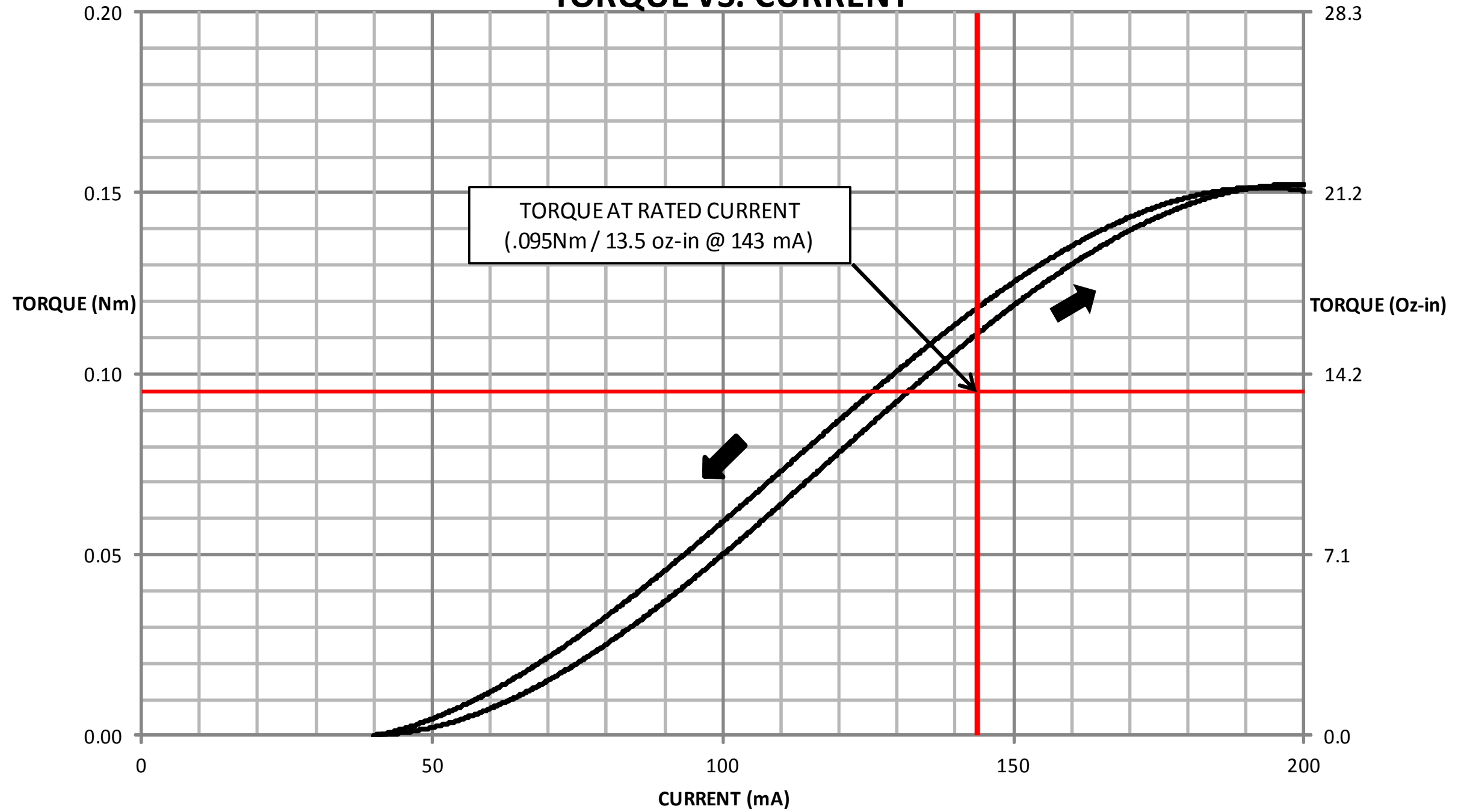
DETAIL A  
SCALE 3 : 1

USED ON EB-10M-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 <b>ELECTRIC HYST. BRAKE</b>
		DRAWN KJM 12-1-11	DWG. NO.
		CHECKED	REV.
		SIZE: B	<b>EB-10M-2DS</b>

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# EB-10M-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-10M-2DS	SCALE	MATERIAL	<b>MAGNETIC TECHNOLOGIES LTD.</b> 43 TOWN FOREST ROAD OXFORD, MA 01540
<b>UNLESS OTHERWISE SPECIFIED:</b> 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 2-17-12		CHECKED	DESCRIPTION <b>TECHNICAL DATA</b>
WEIGHT:		SIZE: B	DWG. NO. <b>EB-10M-2DS</b>
			REV.