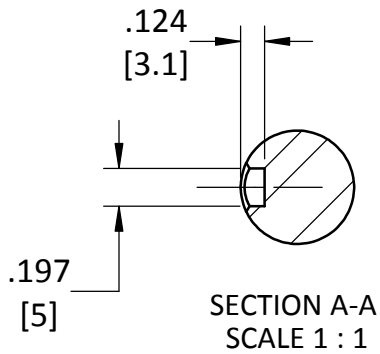
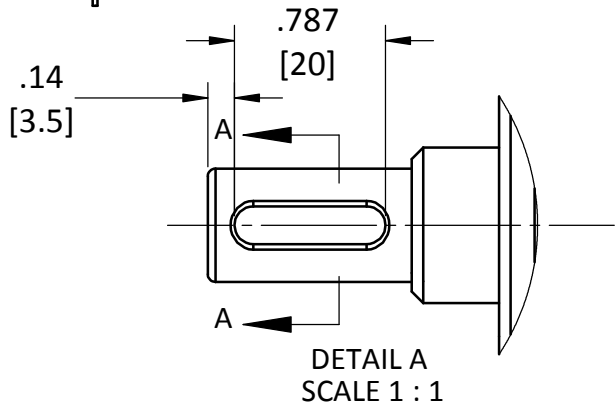
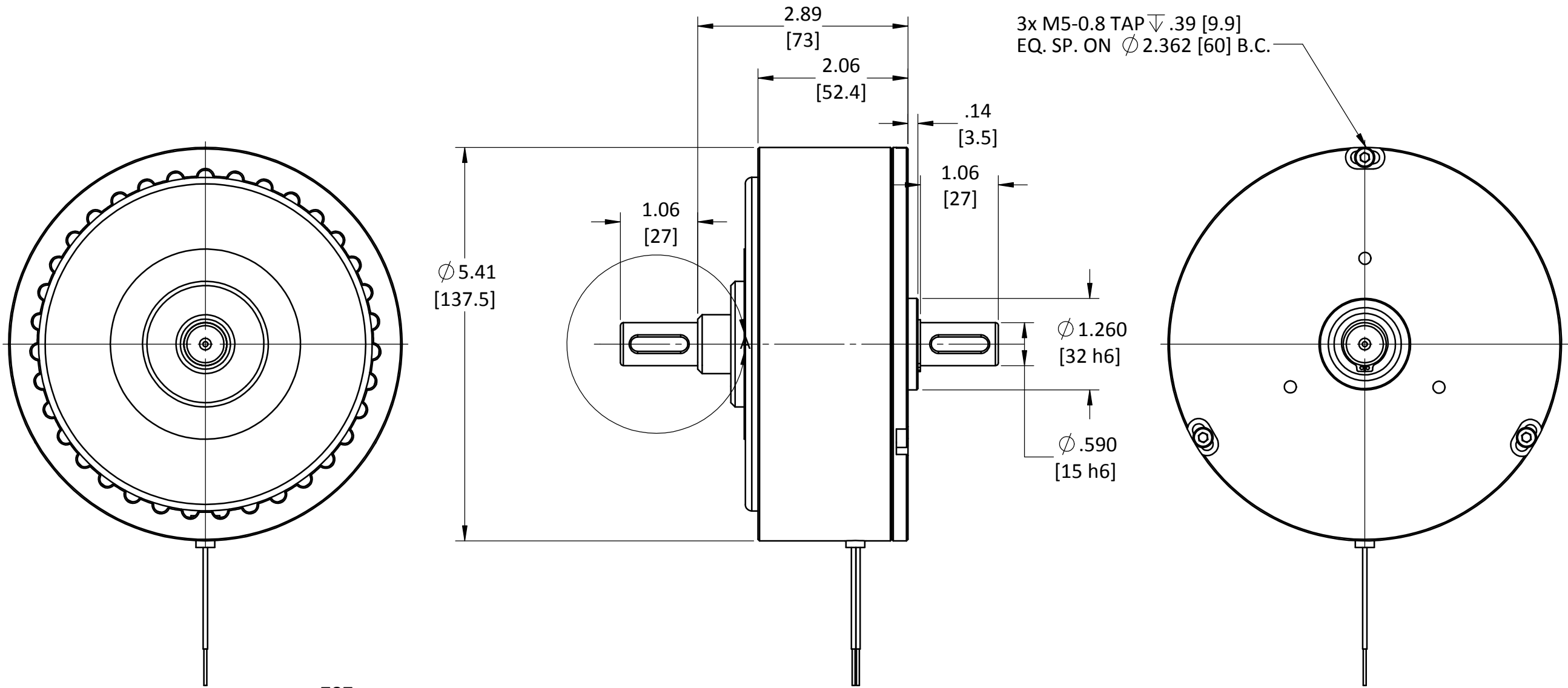


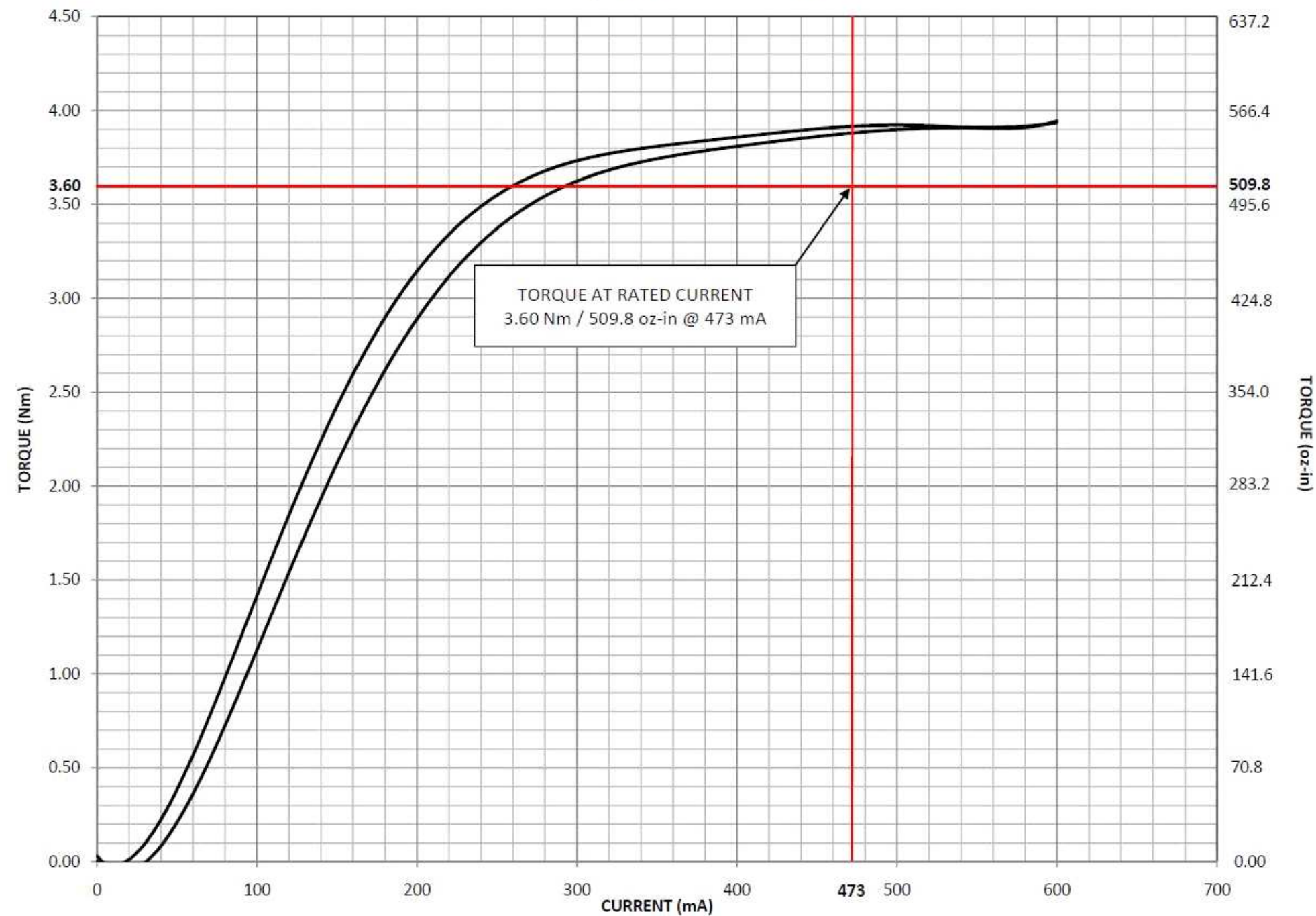
MODEL NO.	VOLTAGE (Vdc)	RATED CURRENT (mA)	MIN. TORQUE AT RATED CURRENT	RESISTANCE ±10% @ 25°C (OHMS)	NOMINAL POWER (WATTS)	MAX SPEED (RPM)	POWER RATING (WATTS) 5 MINUTES	POWER RATING (WATTS) CONTINUOUS	RESIDUAL TORQUE @ 1000 RPM (Nm)	ROTOR INERTIA	ANGULAR ACCELERATION (rad / s^2)	WEIGHT	REVISIONS			
													REV.	ECN.	DESCRIPTION	DATE
EB-450	24	473	509.8 oz-oz	50	9.8	8,000	670	160	2.14 oz-in	6.63 x 10^-3 in-lb sec^2	4,800	12.32 lb				
EB-450	24	473	3.60 Nm	50	9.8	8,000	670	160	15.1 x 10^-3 Nm	7.5 kg cm^2	4,800	5.60 kg				



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USED ON EB-450M-2DS	SCALE 5:8	MATERIAL SEE PRT DWG	MAGNETIC TECHNOLOGIES LTD. 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		DRAWN AMD 11/28/12	
		CHECKED	
		SIZE: B	
			DESCRIPTION ELECTRIC HYST. BRAKE
			DWG. NO. REV.
			EB-450M-2DS

EB-450M-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-450M-2DS
EB-450M-2DS			
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			
AMD 11-28-12			
CHECKED			
WEIGHT:			
SIZE: B		THIRD ANGLE PROJECTION 	