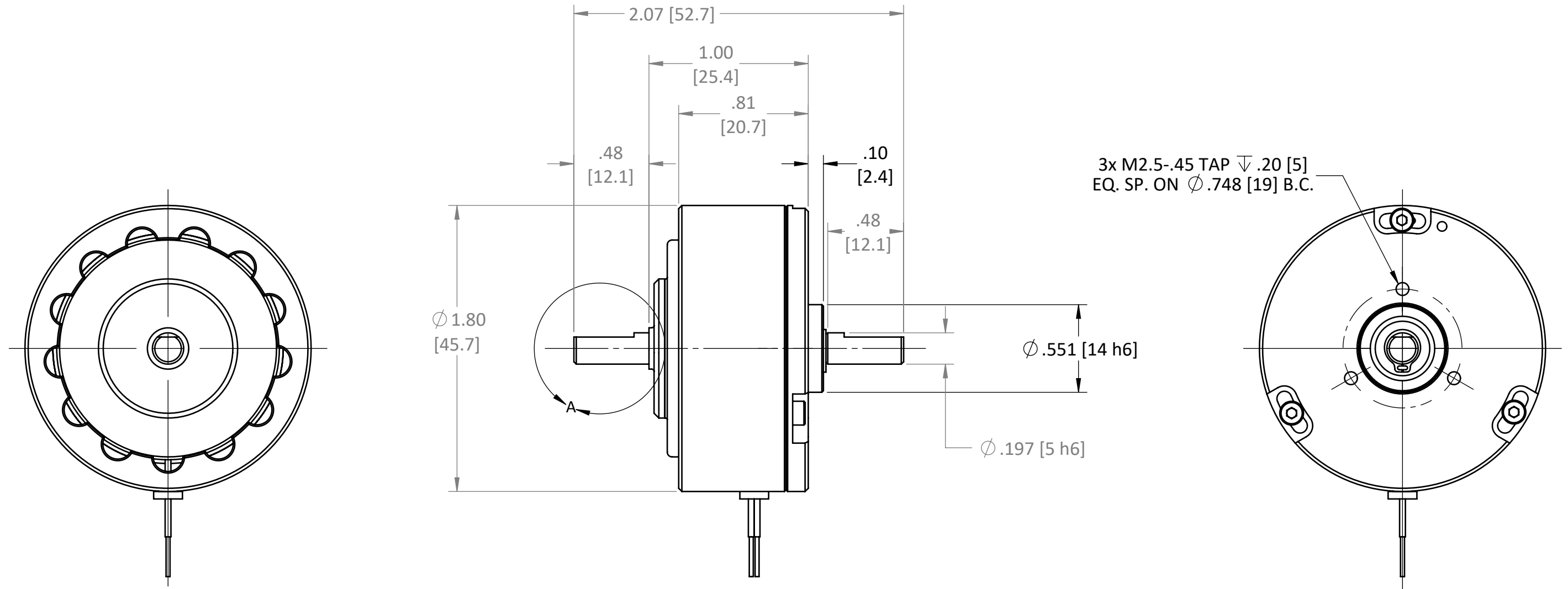
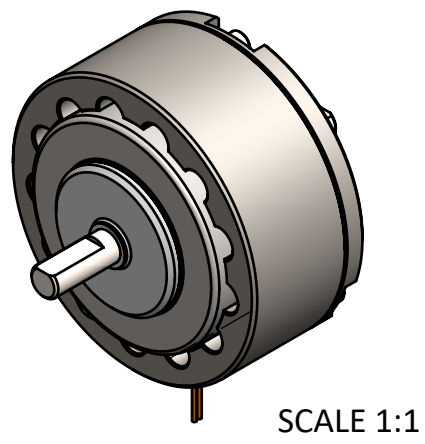


MODEL NO.	VOLTAGE (Vdc)	RATED CURRENT (mA)	MIN. TORQUE AT RATED CURRENT	RESISTANCE ±10% @ 25°C (OHMS)	NOMINAL POWER (WATTS)	MAX SPEED (RPM)	POWER RATING (WATTS) 5 MINUTES	POWER RATING (WATTS) CONTINUOUS	RESIDUAL TORQUE @ 1000 RPM	ROTOR INERTIA	ANGULAR ACCELERATION (rad / s ²)	WEIGHT	REVISIONS			
													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				

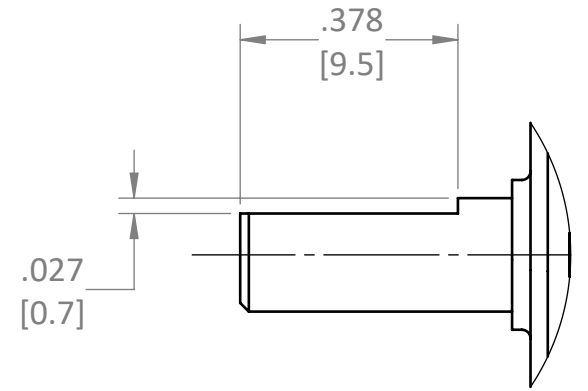
* BALANCING FOR HIGH SPEED APPLICATIONS REQUIRED



3x M2.5-.45 TAP ∇ .20 [5]
EQ. SP. ON ϕ .748 [19] B.C.



SCALE 1:1



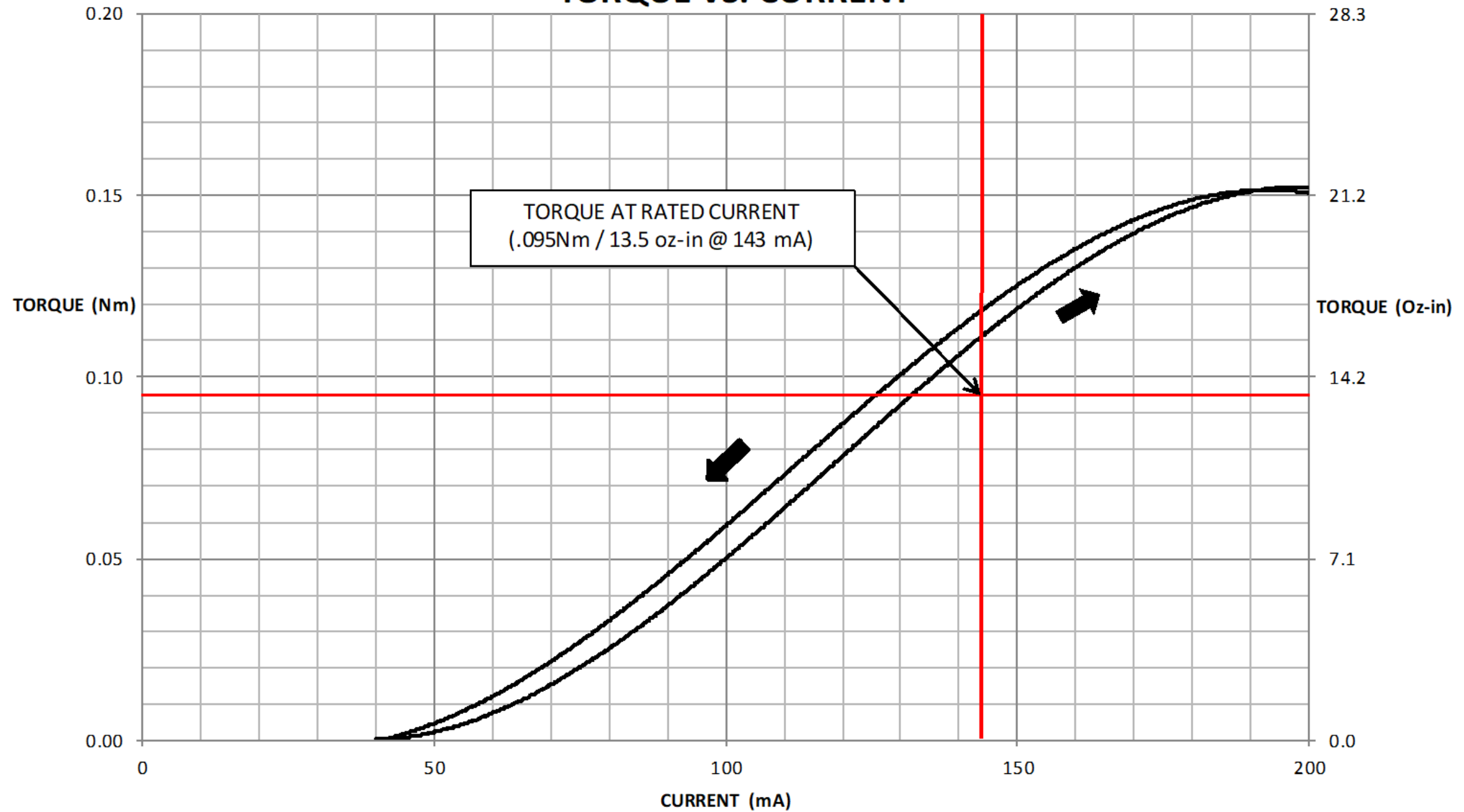
DETAIL A
SCALE 3 : 1

USED ON EB-10M-2DS	SCALE 1:1	MATERIAL SEE PRT DWG	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		FINISH SEE PRT DWG	
		DRAWN KJM 12-1-11	DESCRIPTION ELECTRIC HYST. BRAKE
		CHECKED ASM 1/5/2022	DWG. NO. REV.
		SIZE: B	EB-10M-2DS

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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	MAGNETIC TECHNOLOGIES LTD.
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			
FINISH		DRAWN KJM 2-17-12	DESCRIPTION
WEIGHT:		CHECKED ASM 1/5/2022	TECHNICAL DATA
SIZE: B			DWG. NO. EB-10M-2DS
			REV.