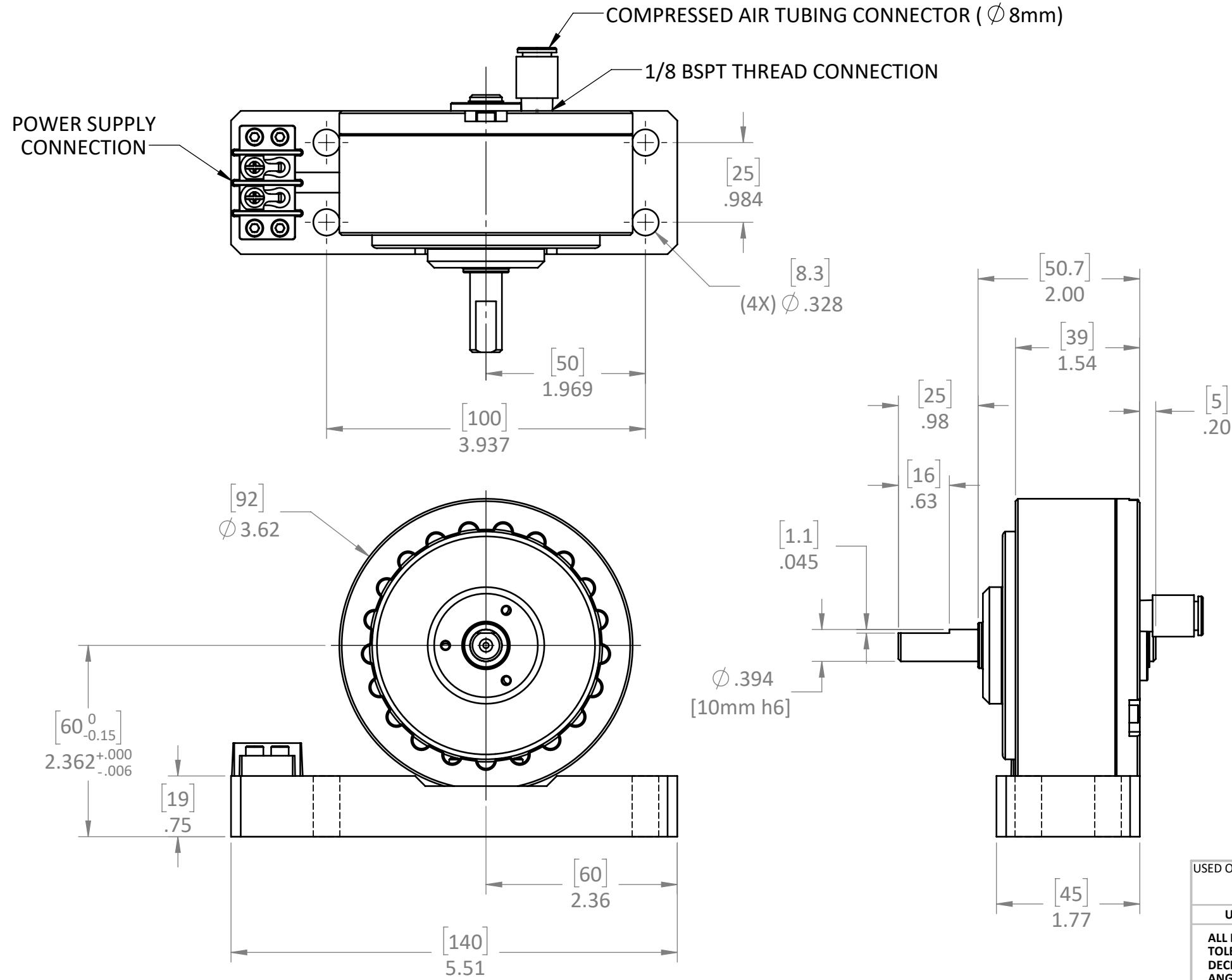


VOLTAGE	TORQUE @ WORKING CURRENT	WORKING CURRENT	RESISTANCE AT 25 °C (±10%)	VOLTAGE @ I1	RPM MAX.	POWER DISSIPATION (WATTS)				RESIDUAL TORQUE W/O CURRENT	AIR SUPPLY	AIR CONSUMPTION	WEIGHT
						INTERMITTENT		CONTINUOUS					
						W/ AIR	W/O AIR	W/ AIR	W/O AIR				
24 VDC	1.20 Nm	270 mA	95 OHM	26 VDC	12,000*	1200	300	1200	75	5.42E-03 Nm	90 PSI	10 CFM	4.5 LB

* BALANCING FOR HIGH SPEED APPLICATIONS REQUIRED



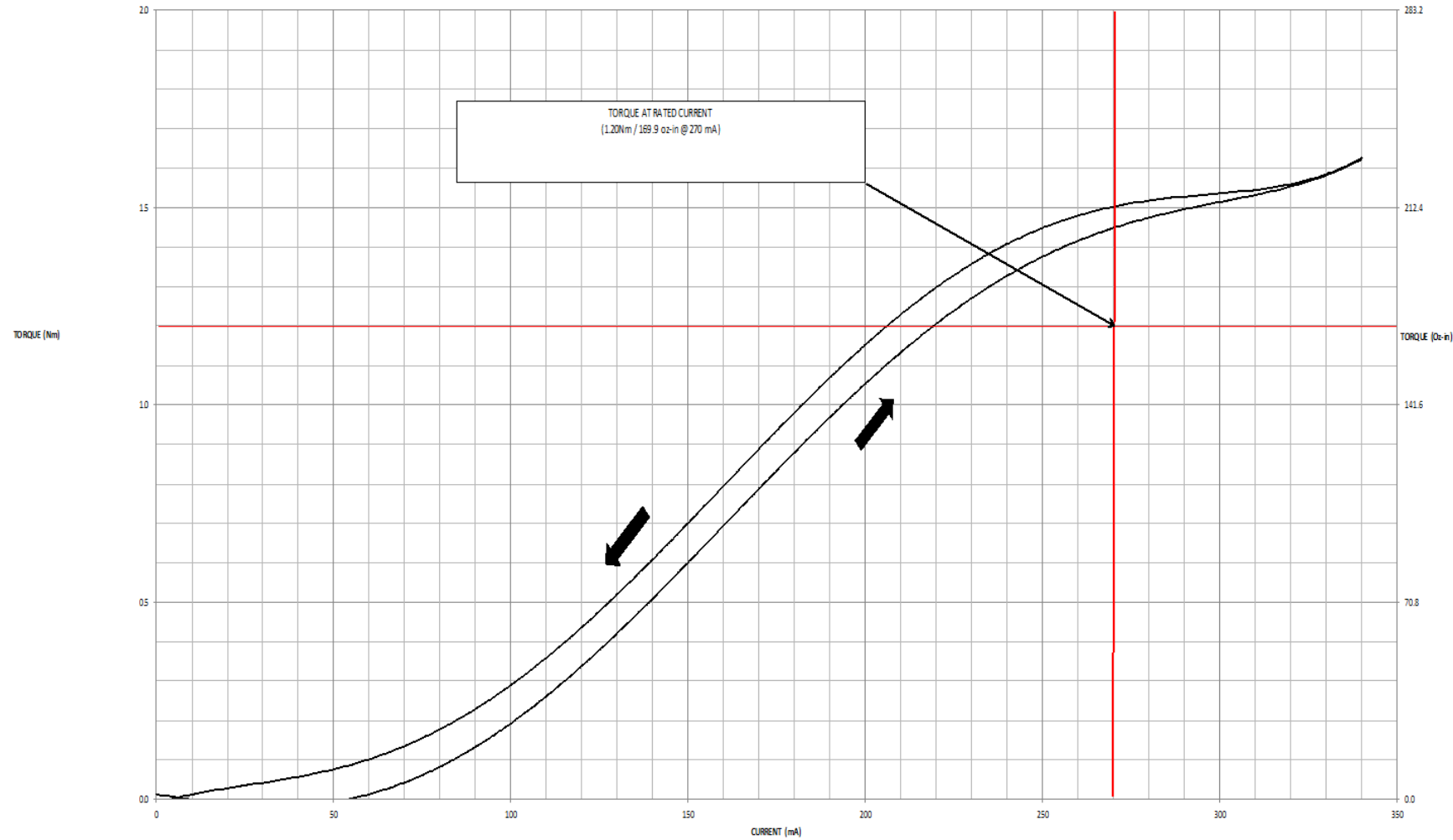
NOTES:

1. AIR SUPPLY @ BRAKE: 85 - 95 PSI
2. AIR SUPPLY MUST BE CLEAN/DRY
3. HEARING PROTECTION REQUIRED, TYPICAL SOUND LEVEL @ 1 METER= 110 db

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USED ON	SCALE 2:3	MATERIAL	MAGNETIC TECHNOLOGIES LTD. 43 TOWN FOREST ROAD OXFORD, MA 01540
UNLESS OTHERWISE SPECIFIED:		FINISH	
ALL DIMENSIONS ARE IN INCHES TOLERANCES: DECIMAL: .XX ± .01 .XXX ± .005 ANGULAR: ± 1° GEN. CONCENTRICITY: .003 T.I.R. ASSY. CONCENTRICITY: .008 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 AIR COOLED HYST. BRAKE
DRAWN R. A. 4/6/20		CHECKED ASM 1/4/2022	DWG. NO. REV.
SHEET 1 OF 2		SIZE: B	AEB-140M-2 CUT SHEET

AEB-140M-2 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.

USED ON	SCALE 2:3	MATERIAL	 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			
			TECHNICAL DATA DESCRIPTION DWG. NO. _____ REV. _____ AEB-140M-2 CUT SHEET

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