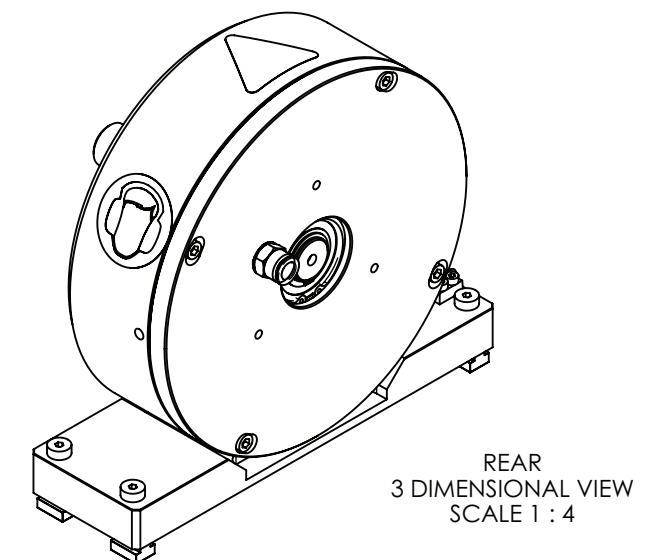
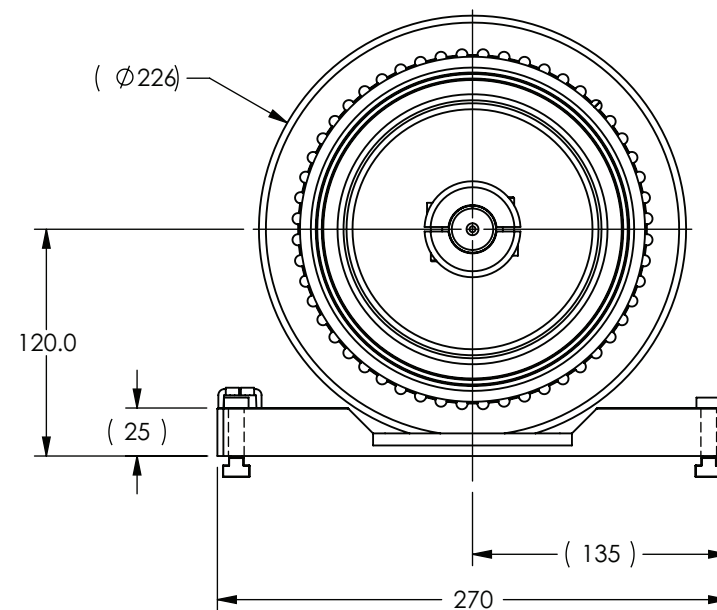
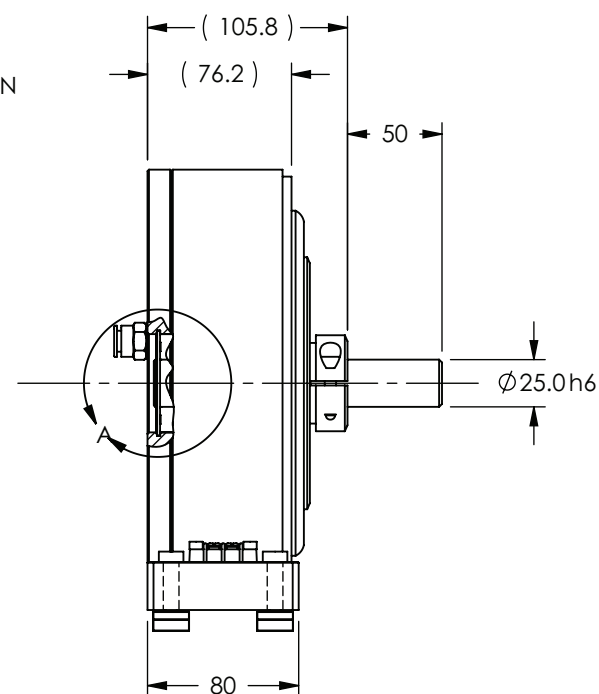
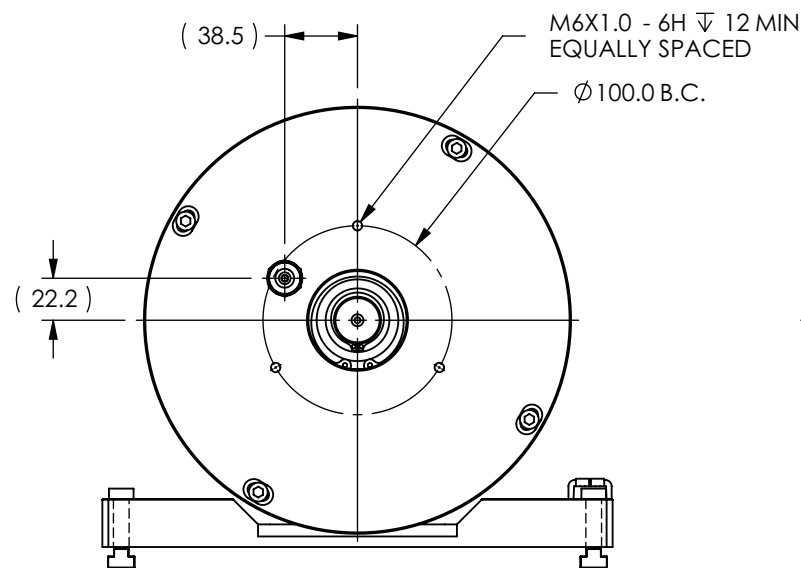
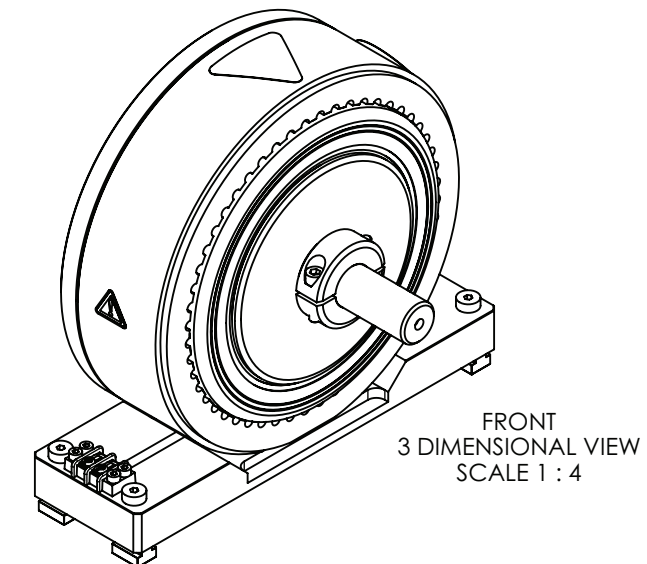
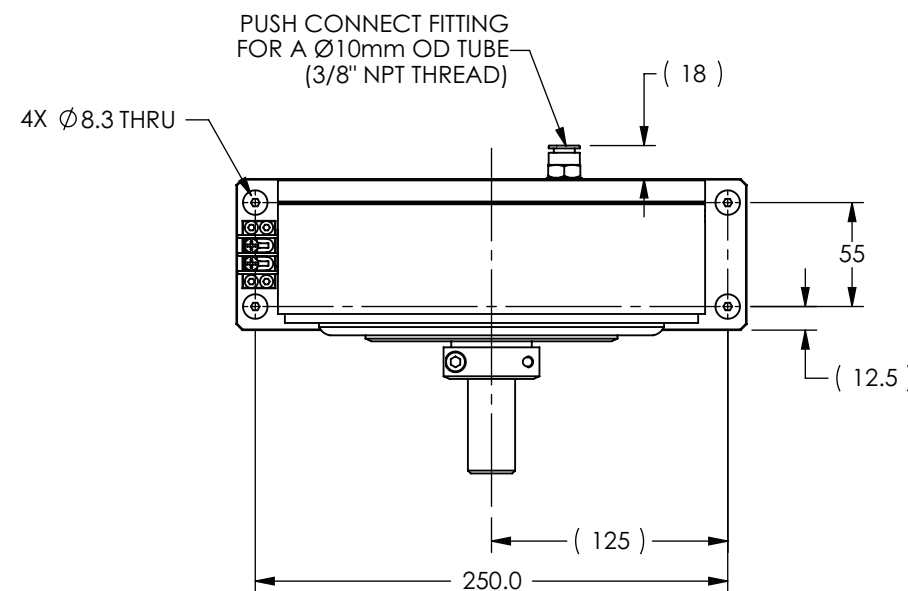
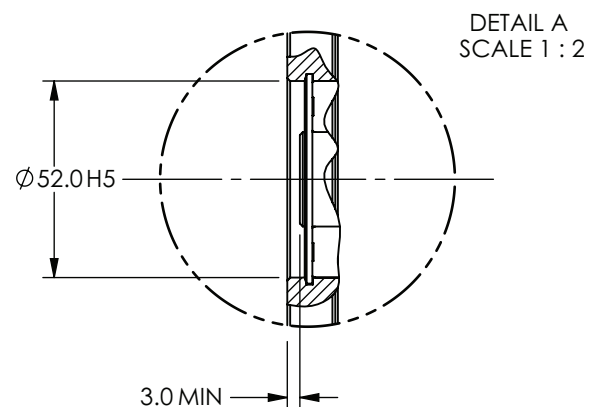


MODEL	STOCK CODE	MINIMUM TORQUE AT RATED CURRENT (Nm)	RATED CURRENT (mA)	RESISTANCE ±10% @ 25°C (ohms)	VOLTAGE (Vdc)	NOMINAL POWER (watts)	MAXIMUM SPEED (RPM)	KINETIC POWER RATINGS			DE-ENERGIZED DRAG TORQUE @ 1000 RPM (Nm)	EXTERNAL INERTIA (kg cm <sup>2</sup> )	TORQUE TO INERTIA RATIO (rad/s <sup>2</sup> )
								AIR SUPPLY* (kPa)	5 MINUTE (watts)	CONTINUOUS (watts)			
AHB-12	006249	12.0	1200	20	24	28.8	12,000	620±35	2,800	1,800	9.18 X 10 <sup>-2</sup>	5.60 X 10 <sup>1</sup>	2,140
								NO AIR	2,200	250			

**SOLID MODEL AVAILABLE**

- \* AIR SUPPLY NOTES:  
 • CUSTOMER IS TO SUPPLY CLEAN, DRY AIR.  
 • APPROXIMATE AIR CONSUMPTION IS: 567 liter/minute @ 620 kPa



TYPICAL SOUND PRESSURE AT 1 METER: 110db

WARNING: HIGH SOUND LEVELS CAN CAUSE PERMANENT HEARING LOSS. USE HEARING PROTECTION WHILE THIS PRODUCT IS IN USE.

MATERIAL:	DESIGN	JEF	04/19/06
	DRAWN	JEF	07/26/06
FINISH:	CHECKED	AJC	06/04/08
THIRD ANGLE PROJECTION	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS, DIAMETERS CONCENTRIC: 0.08 TIR, FACES PERPENDICULAR: 0.08 INTERPRETATION PER ASME Y14.5M-1994 REMOVE ALL BURRS AND BREAK SHARP EDGES 0.13/0.25 X 45°, ALL INSIDE CORNERS TO BE R 0.5 MAX. TOLERANCES: X ±0.4 X.XX ±0.13 X.X ±0.25 ANG. ±1° SURFACE FINISH 3.2 µm MAX. U.O.S.		
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**MAGTROL INC.**  
70 GARDENVILLE PKWY, W.  
BUFFALO, NEW YORK 14224-1322

TITLE		
AHB-12, AIR COOLED HYSTERESIS BRAKE		
USED ON: -	REV	
SIMILAR TO: -	E	
DWG. NO.	AHB-12	
SIZE	SCALE	SHEET #
B	1:4	3 OF 3