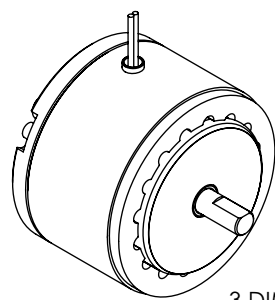
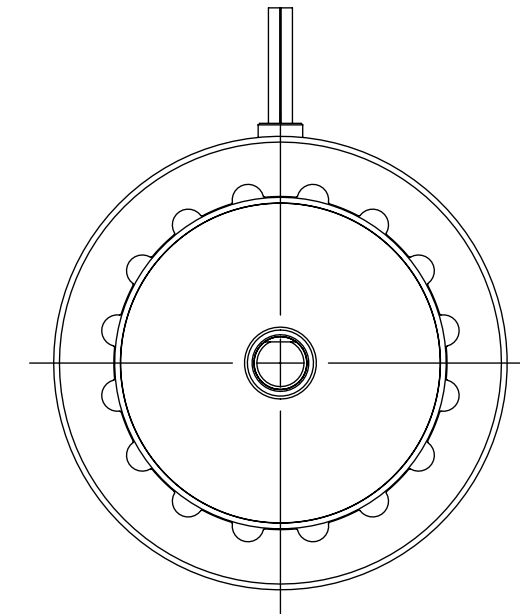
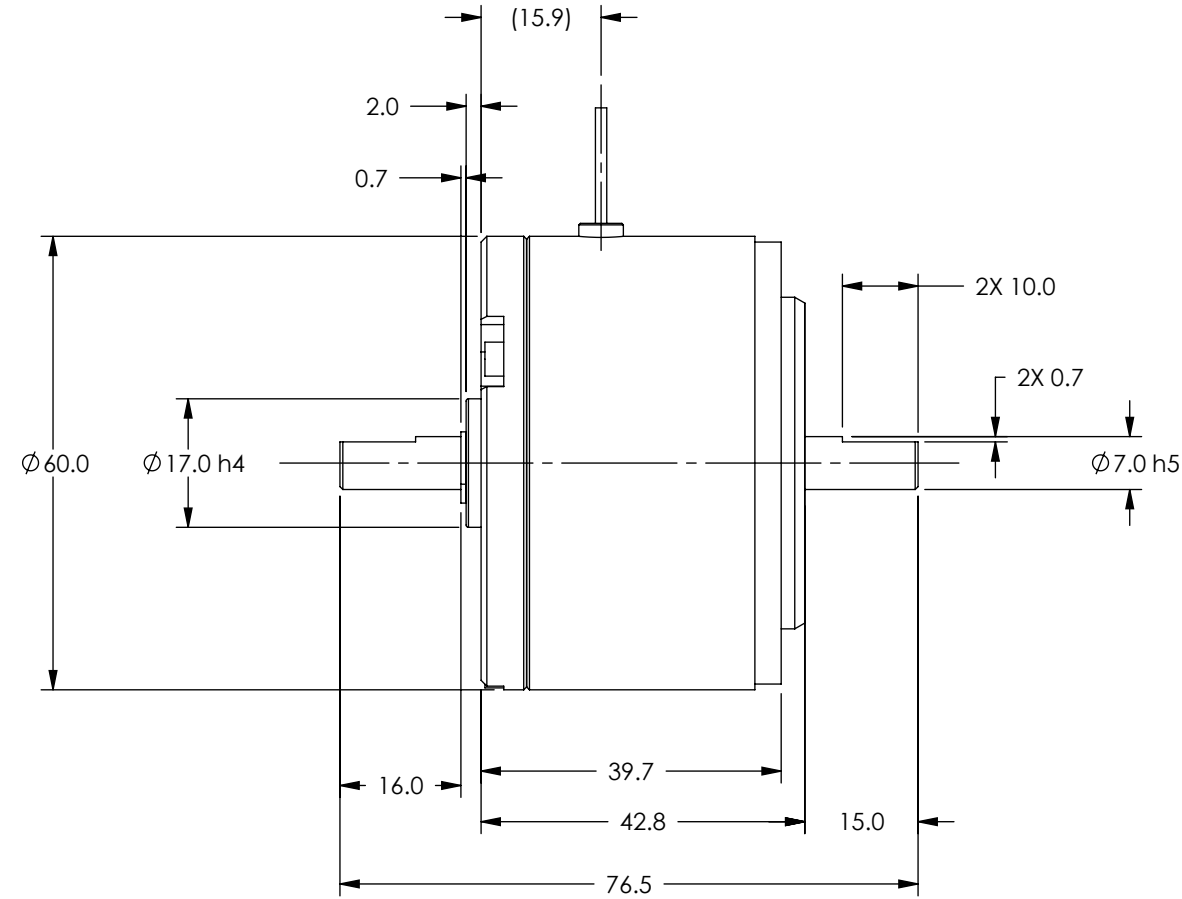
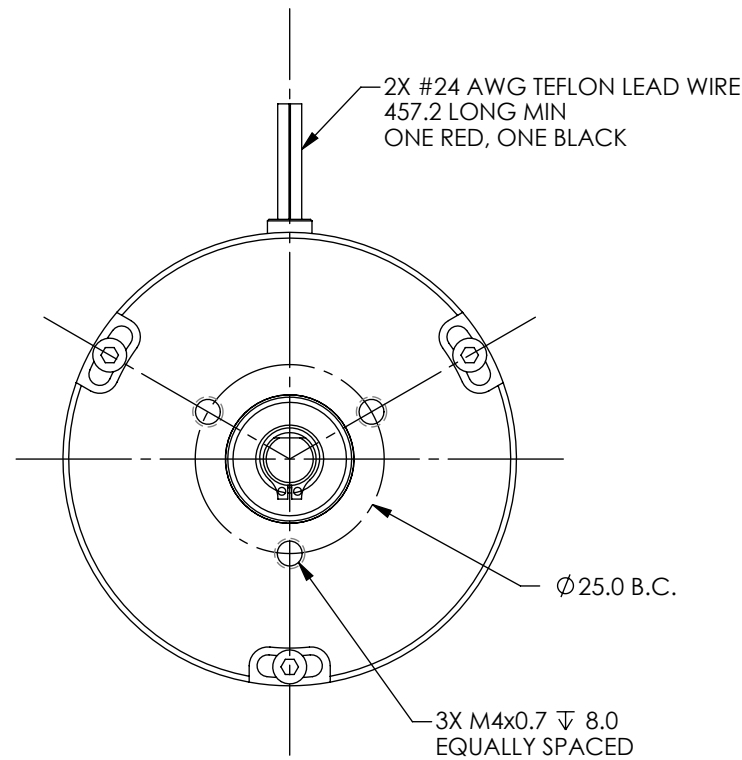



MODEL	COIL NUMBER	STOCK CODE	MINIMUM TORQUE AT RATED CURRENT (Nm)	RATED CURRENT (mA)	RESISTANCE $\pm 10\%$ @ 25°C (ohms)	VOLTAGE (Vdc)	NOMINAL POWER (watts)	MAXIMUM SPEED (RPM)	KINETIC POWER RATINGS		DE-ENERGIZED DRAG TORQUE @ 1000 RPM (Nm)	EXTERNAL INERTIA (kg cm <sup>2</sup> )	ANGULAR ACCELERATION (rad/s <sup>2</sup> )
									5 MINUTE (watts)	CONTINUOUS (watts)			
HB-50M	-1 (90 Vdc)	004630	0.35	67	1,350	90	6.0	15,000	90	23	$1.55 \times 10^{-3}$	.167	21,000
	-2 (24 Vdc)	004571	0.35	253	95	24	6.1						
	-3 (12 Vdc)	004631	0.35	480	25	12	5.8						

SOLID MODEL AVAILABLE



3 DIMENSIONAL VIEW  
SCALE 1 : 2

MATERIAL:	DESIGN	-	-	 <b>MAGTROL INC.</b> 70 GARDENVILLE PKWY, W. BUFFALO, NEW YORK 14224-1322
	DRAWN	AJC	01/20/04	
FINISH:	CHECKED	DTW	01/20/04	TITLE
THIRD ANGLE PROJECTION	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS, DIAMETERS CONCENTRIC: .08 TIR, FACES PERPENDICULAR: .08 INTERPRETATION PER ASME Y14.5M-1994 REMOVE ALL BURRS AND BREAK SHARP EDGES .13/.25 X 45°, ALL INSIDE CORNERS TO BE .5 R MAX. TOLERANCES: X $\pm$ .4      .XX $\pm$ .13 .X $\pm$ .25      ANG. $\pm$ 1° SURFACE FINISH 3.2 $\mu$ m MAX. U.O.S.			<b>HB-50M METRIC HYSTERESIS BRAKE</b>
THIS DRAWING AND SPECIFICATION CONTAINS PROPRIETARY INFORMATION TO MAGTROL INC. ANY DISCLOSURE OR REPRODUCTION OF THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION FROM MAGTROL INC. IS EXPRESSLY PROHIBITED				USED ON: - SIMILAR TO: - DWG. NO. <b>HB-50M</b>
				REV <b>B</b>
		SIZE <b>B</b>	SCALE 1:1	SHEET # 2 OF 2