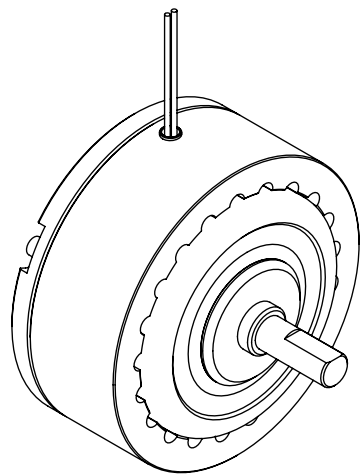
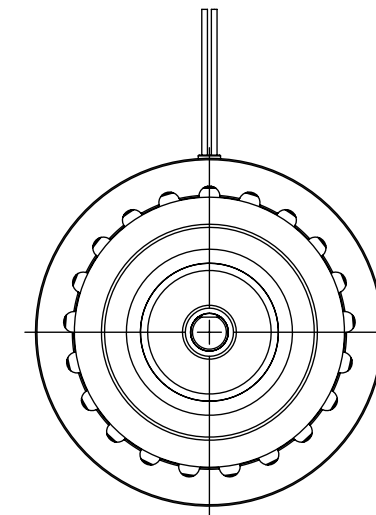
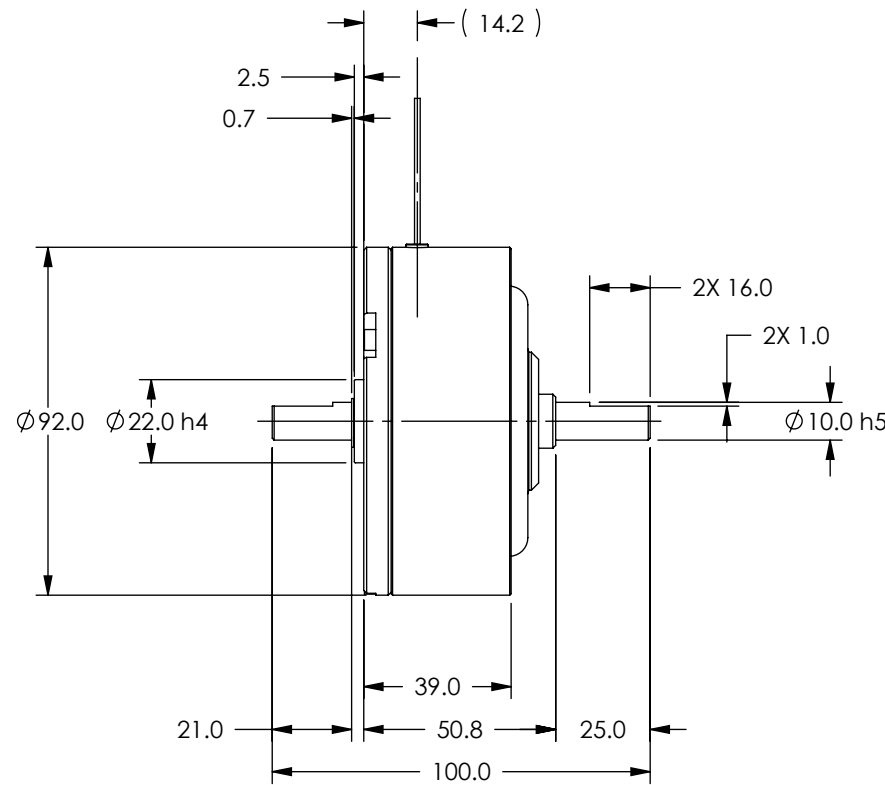
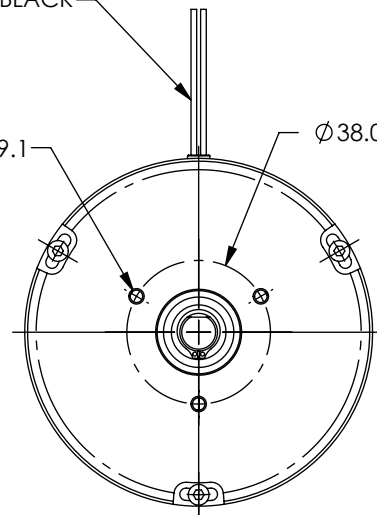


MODEL	COIL NUMBER	STOCK CODE	MINIMUM TORQUE AT RATED CURRENT (Nm)	RATED CURRENT (mA)	RESISTANCE ±10% @ 25°C (ohms)	VOLTAGE (Vdc)	NOMINAL POWER (watts)	MAXIMUM SPEED (RPM)	KINETIC POWER RATINGS		DE-ENERGIZED DRAG TORQUE @ 1000 RPM (Nm)	EXTERNAL INERTIA (kg cm <sup>2</sup> )	ANGULAR ACCELERATION (rad/s <sup>2</sup> )
									5 MINUTE (watts)	CONTINUOUS (watts)			
HB-140M	-1 (90 Vdc)	003601	1.0	60	1537	93	5.6	12,000	300	75	5.42 X 10 <sup>-3</sup>	1.00 X 10 <sup>0</sup>	9,620
	-2 (24 Vdc)	003602	1.0	253	95	24	6.1						
	-3 (12 Vdc)	003603	1.0	504	23.2	11.7	5.9						


SOLID MODEL AVAILABLE

2X 24 AWG TEFLON LEAD WIRE  
305mm LONG MIN  
ONE RED, ONE BLACK

3X M4x0.7 - 6H ∇ 9.1  
Ø38.0 B.C.



3 DIMENSIONAL VIEW  
SCALE 1 : 2

MATERIAL:	DESIGN	-	-	 <b>MAGTROL INC.</b> 70 GARDENVILLE PKWY, W. BUFFALO, NEW YORK 14224-1322
FINISH:	DRAWN	JEF	06/11/04	
THIRD ANGLE PROJECTION	CHECKED	AJC	06/14/04	TITLE
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	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 ± .4            .XX ± .13 .X ± .25        ANG. ± 1° SURFACE FINISH 3.2 µm MAX. U.O.S.			HB-140M METRIC HYSTERESIS BRAKE
	DWG. NO. <b>HB-140M</b>			REV <b>A</b>
SIZE <b>B</b>		SCALE <b>1:2</b>	SHEET # <b>2 OF 2</b>	