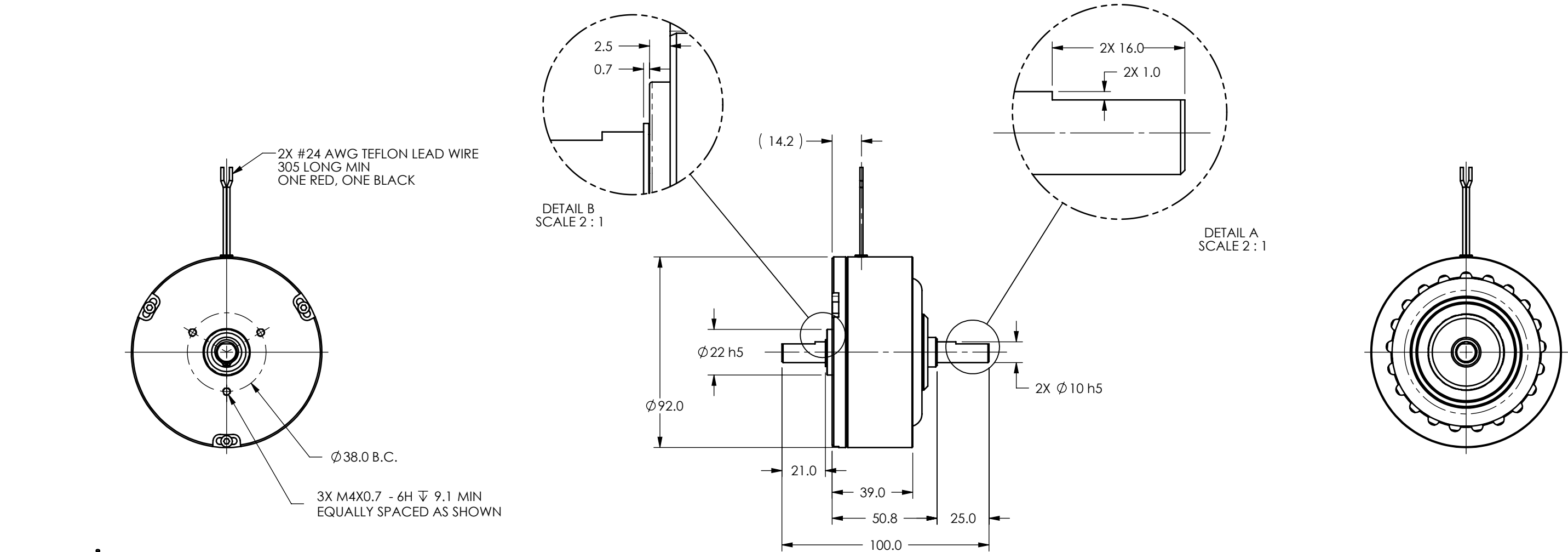


SOLID MODEL AVAILABLE

MODEL	COIL NUMBER (-X)	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 s ²)	TORQUE TO INERTIA RATIO (rad/s ²)
									5 MINUTE (watts)	CONTINUOUS (watts)			
HB-140M-X	-1 (90 Vdc)	003601	1.0	60	1537	93	5.6	12,000	300	75	5.42 X 10 ⁻³	1.00	9,620
	-2 (24 Vdc)	003602		253	95	24	6.1						
	-3 (12 Vdc)	003603		504	23.2	11.7	5.9						



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


DETAIL B
SCALE 2 : 1

DETAIL A
SCALE 2 : 1

Ø38.0 B.C.
3X M4X0.7 - 6H ∇ 9.1 MIN
EQUALLY SPACED AS SHOWN

3 DIMENSIONAL VIEW
SCALE 1 : 2

INSTALLATION DRAWING

MATERIAL:	DESIGN	-	-	 MAGTROL INC. 70 GARDENVILLE PKWY, W. BUFFALO, NEW YORK 14224-1322
	DRAWN	JEF	06/11/04	
FINISH:	CHECKED	AJC	06/14/04	TITLE:
				HB-140M HYSTERESIS BRAKE, METRIC
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° 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			USED ON: - SIMILAR TO: -
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				DWG NO:
				HB-140M
	SIZE	SCALE		REV
	B	1:2		B