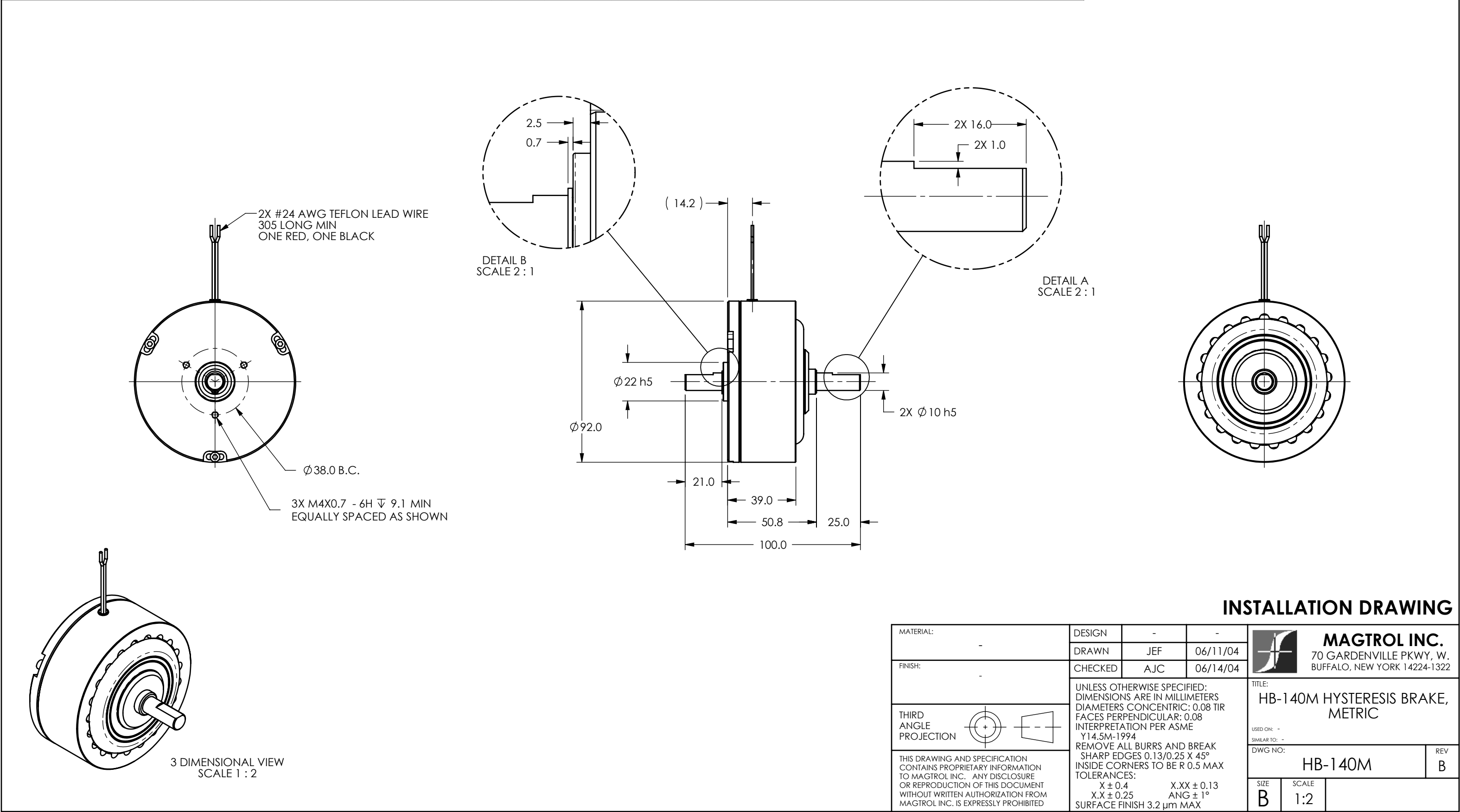

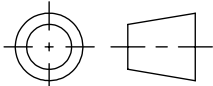


MODEL	COIL NUMBER (-X)	STOCK CODE	MINIMUM TORQUE AT RATED CURRENT (Nm)	RATED CURRENT (mA)	RESISTANCE ±10% @ 25°C (ohms)	VOLTAGE (Vdc)	NOMINAL POWER (watts)	MAXIMUM SPEED (RPM)	KINETIC POWER RATINGS		DE-ENERGIZED DRAG TORQUE @ 1000 RPM (Nm)	EXTERNAL INERTIA (kg cm s ²)	TORQUE TO INERTIA RATIO (rad/s ²)	SOLID MODEL AVAILABLE
									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							



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	
	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				
THIRD ANGLE PROJECTION				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	REV B
				SIZE B	SCALE 1:2