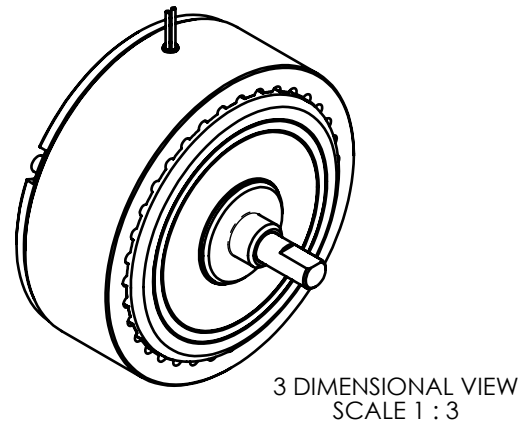
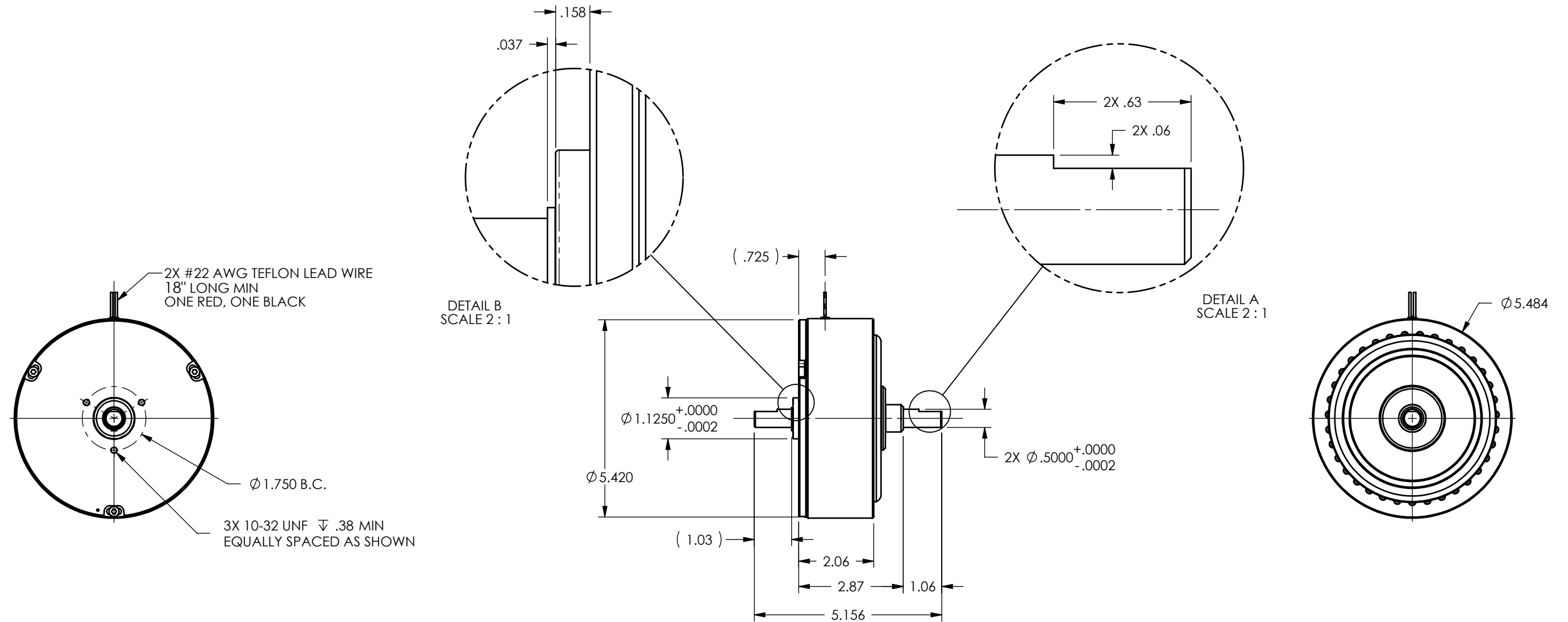


MODEL	COIL NUMBER (-X)	STOCK CODE	MIN. TORQUE AT RATED CURRENT (oz in)	RATED CURRENT (mA)	RESISTANCE ±10% @ 25°C (ohms)	VOLTAGE (Vdc)	NOMINAL POWER (watts)	MAXIMUM SPEED (RPM)	KINETIC POWER RATINGS		DE-ENERGIZED DRAG TORQUE @ 1000 RPM (oz in)	EXTERNAL INERTIA (lb in s ²)	TORQUE TO INERTIA RATIO (rad/s ²)
									5 MINUTE (watts)	CONTINUOUS (watts)			
HB-450-X	-1 (90 Vdc)	003543	450	116	805	93.6	10.9	8,000	670	160	2	6.55 X 10 ⁻³	4,290
	-2 (24 Vdc)	003544		442	50	22.1	9.8						
	-3 (12 Vdc)	003545		703	19.5	13.7	9.6						

SOLID MODEL AVAILABLE

UNLESS OTHERWISE SPECIFIED, BRAKE IS TO BE MATCHED AT **RATED TORQUE @ RATED CURRENT**



INSTALLATION DRAWING

MATERIAL:	DESIGN	-	-		MAGTROL INC. 70 GARDENVILLE PKWY, W. BUFFALO, NEW YORK 14224-1322
	DRAWN	AJC	12/16/10		
FINISH:	CHECKED	JEF	12/16/10	TITLE: MHB-450 MATCHED HYSTERESIS BRAKE	
THIRD ANGLE PROJECTION	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES DIAMETERS CONCENTRIC: .003 TIR FACES PERPENDICULAR: .003 INTERPRETATION PER ASME Y14.5M-1994 REMOVE ALL BURRS AND BREAK SHARP EDGES .005/.010 X 45° INSIDE CORNERS TO BE R .02 MAX TOLERANCES: .XX ± .01 X/Y ± 1/64" .XXX ± .005 ANG ± 1° SURFACE FINISH 125 RMS 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:	REV
				MHB-450	A
				SIZE	SCALE
				B	1:3