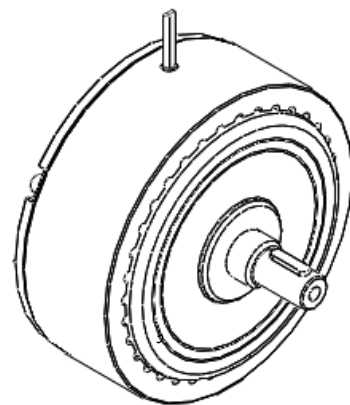
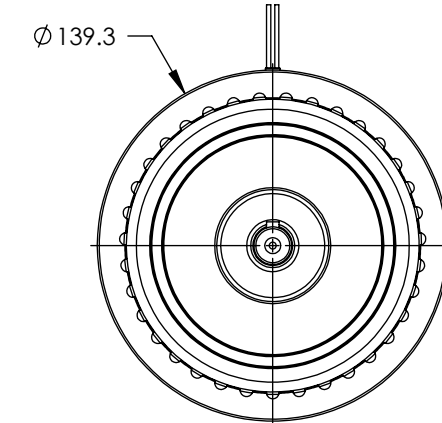
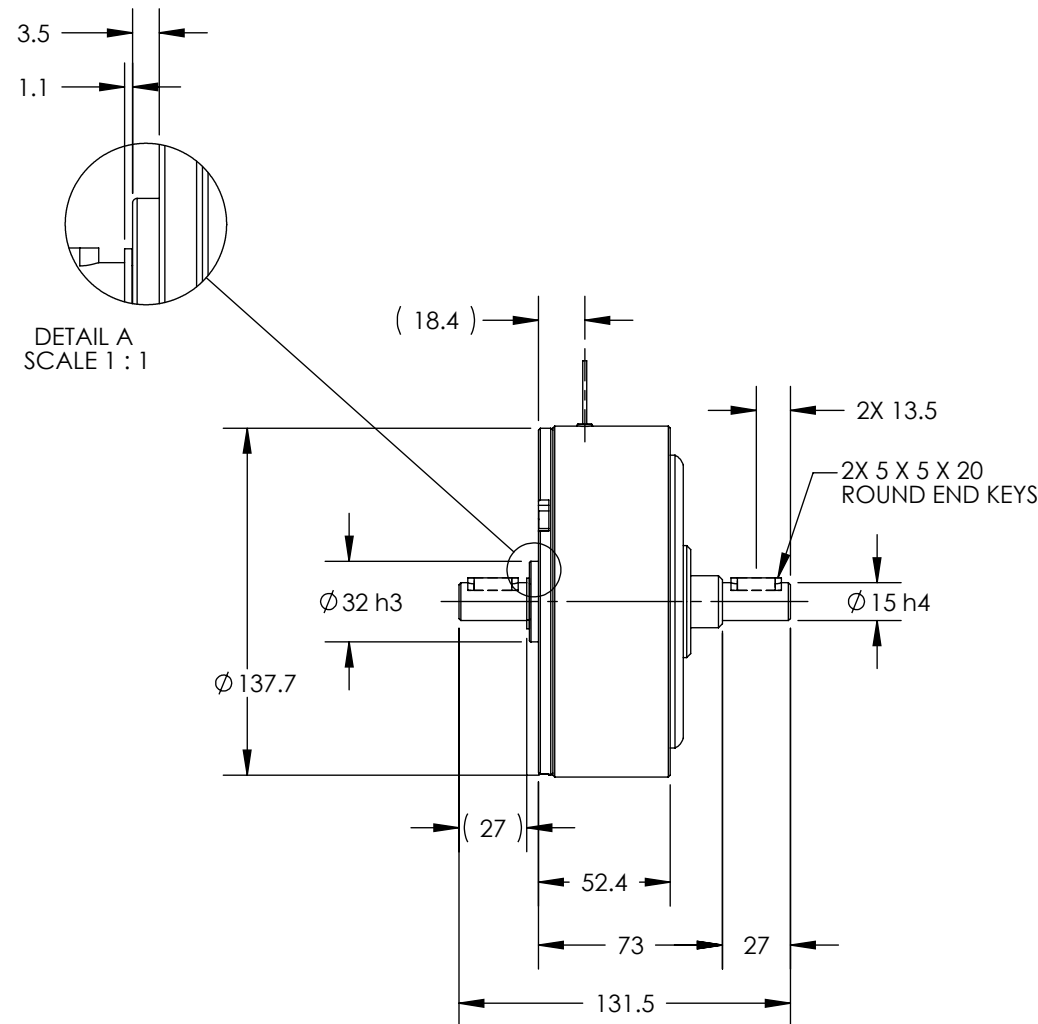
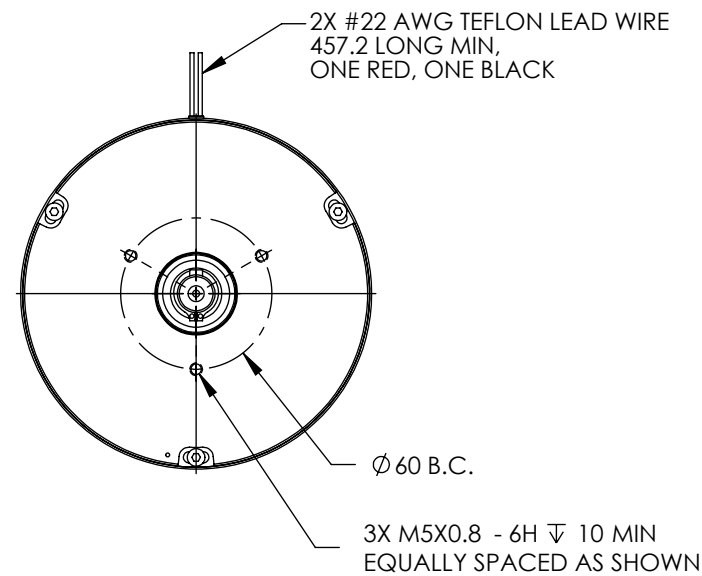


SOLID MODEL AVAILABLE


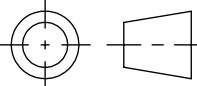
MODEL	COIL NUMBER (-X)	STOCK CODE	MINIMUM TORQUE AT RATED CURRENT (Nm)	RATED CURRENT (mA)	RESISTANCE ±10% @ 25°C (ohms)	VOLTAGE (Vdc)	NOMINAL POWER (watts)	MAXIMUM SPEED (RPM)	KINETIC POWER RATINGS		DE-ENERGIZED DRAG TORQUE @ 1000 RPM (Nm)	EXTERNAL INERTIA (kg cm ²)	TORQUE TO INERTIA RATIO (rad/s ²)
									5 MINUTE (watts)	CONTINUOUS (watts)			
MHB-450M-X	-1 (90 Vdc)	004785	3.2	116	805	93.6	10.9	8,000	670	160	1.51 X 10 ⁻²	6.92	4,625
	-2 (24 Vdc)	004397		442	50	22.1	9.8						
	-3 (12 Vdc)	-		703	19.5	13.7	9.6						

UNLESS OTHERWISE SPECIFIED, BRAKES ARE TO BE MATCHED AT **RATED TORQUE @ RATED CURRENT**



3 DIMENSIONAL VIEW
SCALE 1 : 3

INSTALLATION DRAWING

MATERIAL:	DESIGN	-	-		MAGTROL INC.	
	DRAWN	AJC	12/17/10		70 GARDENVILLE PKWY, W. BUFFALO, NEW YORK 14224-1322	
FINISH:	CHECKED	JEF	12/17/10	TITLE: MATCHED 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		
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: -	REV	
				SIMILAR TO: -	A	
				DWG NO:	MHB-450M	
				SIZE	SCALE	
				B	1:3	