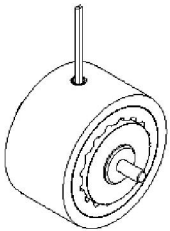
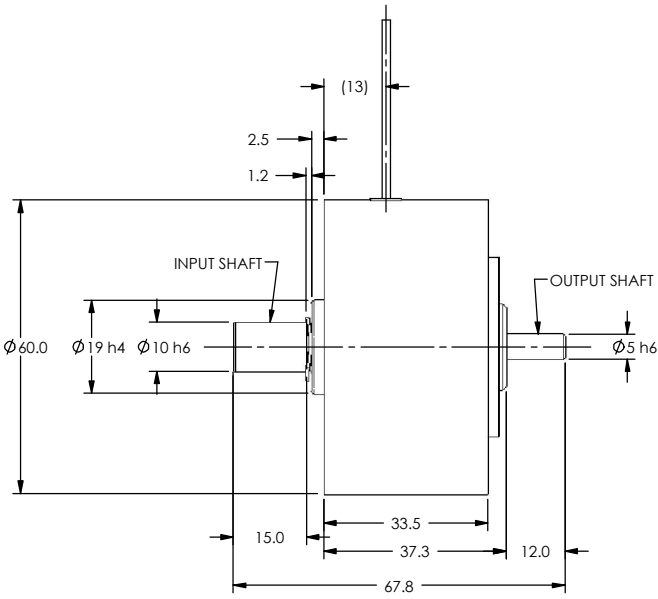
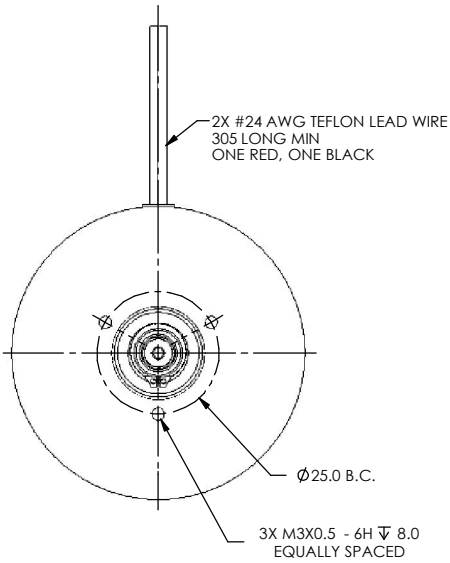

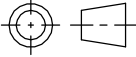


SOLID MODEL AVAILABLE

MODEL	COIL NUMBER	STOCK CODE	MINIMUM TORQUE AT RATED CURRENT (mNm)	RATED CURRENT (mA)	RESISTANCE ±10% @ 25°C (ohms)	VOLTAGE (Vdc)	NOMINAL POWER (watts)	MAXIMUM SPEED (RPM)	KINETIC POWER RATINGS		INPUT SHAFT DE-ENERGIZED DRAG TORQUE @ 1000 RPM (mNm)	OUTPUT SHAFT DE-ENERGIZED DRAG TORQUE @ 1000 RPM (mNm)	INPUT SHAFT INERTIA (kg cm <sup>2</sup> )	OUTPUT SHAFT INERTIA (kg cm <sup>2</sup> )
									5 MINUTE (watts)	CONTINUOUS (watts)				
HCF-16M	-1 (90 Vdc)	-	113	-	-	-	-	3,600	75	20	-	-	.543	.041
	-2 (24 Vdc)	005868	113	270	100	27	7.29							
	-3 (12 Vdc)	-	113	-	-	-	-							



3 DIMENSIONAL VIEW  
SCALE 1 : 2

MATERIAL: -	DESIGN	AJC	10/24/05		<b>MAGTROL INC.</b>	
	DRAWN	AJC	12/12/06		70 GARDENVILLE PKWY, W. BUFFALO, NEW YORK 14224-1322	
FINISH: -	CHECKED	DTW	12/12/06	TITLE		
	THIRD ANGLE PROJECTION 			HCF-16M HYSTERSIS CLUTCH		
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.			DWG. NO.		REV
	HCF-16M			HCF-16M		-
SIZE	SCALE	SHEET #				
B	1:1	3 OF 3				