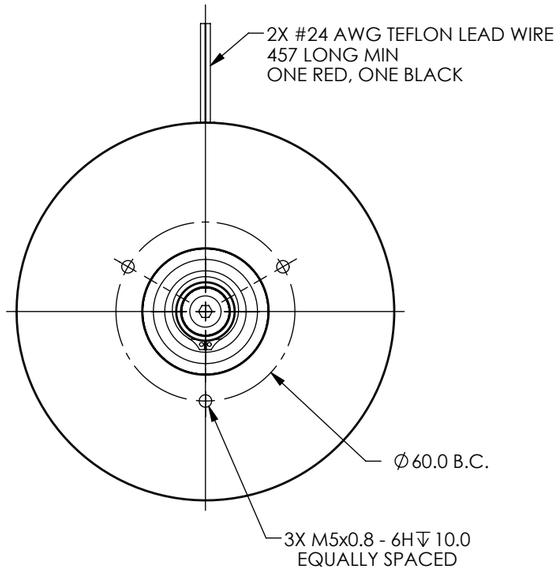
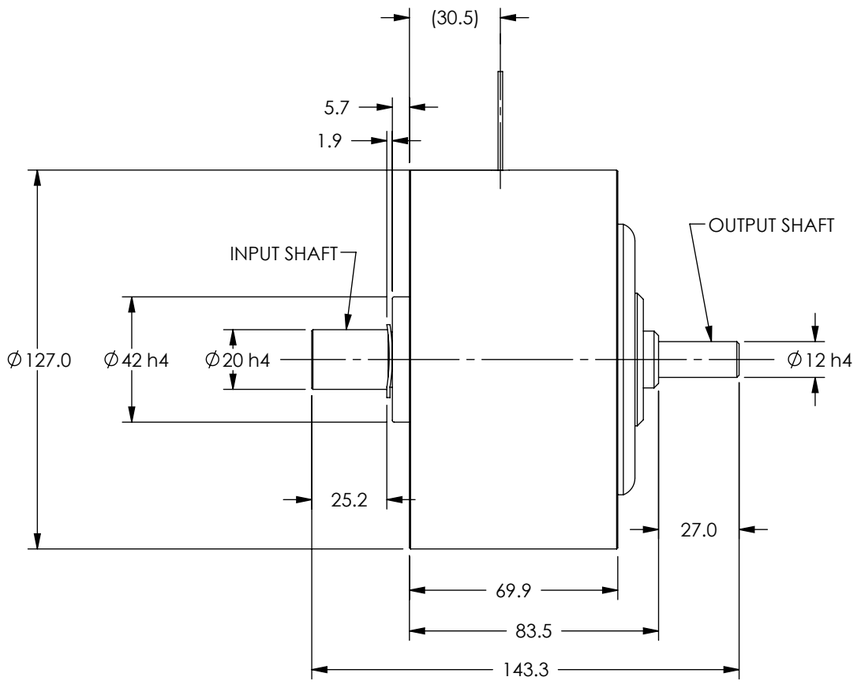
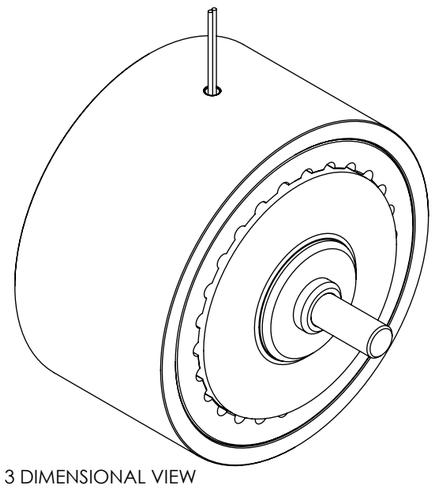
MODEL	COIL NUMBER	STOCK CODE	MINIMUM TORQUE AT RATED CURRENT (Nm)	RATED CURRENT (mA)	RESISTANCE ±10% @ 25°C (ohms)	VOLTAGE (Vdc)	NOMINAL POWER (watts)	MAXIMUM SPEED (RPM)	KINETIC POWER RATINGS		INPUT SHAFT DE-ENERGIZED DRAG TORQUE @ 1000 RPM (mNm)	OUTPUT SHAFT DE-ENERGIZED DRAG TORQUE @ 1000 RPM (mNm)	INPUT SHAFT INERTIA (kg cm^2)	OUTPUT SHAFT INERTIA (kg cm^2)
									5 MINUTE (watts)	CONTINUOUS (watts)				
HCF-250M	-1 (90 Vdc)	-	1.8	-	-	-	-	3,600	450	110	-		25.56	2.76
	-2 (24 Vdc)	005570	1.8	415	60	24.9	10.3							
	-3 (12 Vdc)	-	1.8	-	-	-	-							

SOLID MODEL AVAILABLE







3 DIMENSIONAL VIEW
SCALE 1 : 2

MATERIAL:

FINISH:
-

THIRD ANGLE PROJECTION

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DESIGN	AJC	02/14/05
DRAWN	AJC	02/14/05
CHECKED	DTW	02/14/05

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.

MAGTROL INC.
70 GARDENVILLE PKWY, W.
BUFFALO, NEW YORK 14224-1322

TITLE
HCF-250M
HYSTERESIS CLUTCH

USED ON: -
SIMILAR TO: -

DWG. NO. HCF-250M
REV B

SIZE B | SCALE 1:2 | SHEET # 3 OF 3