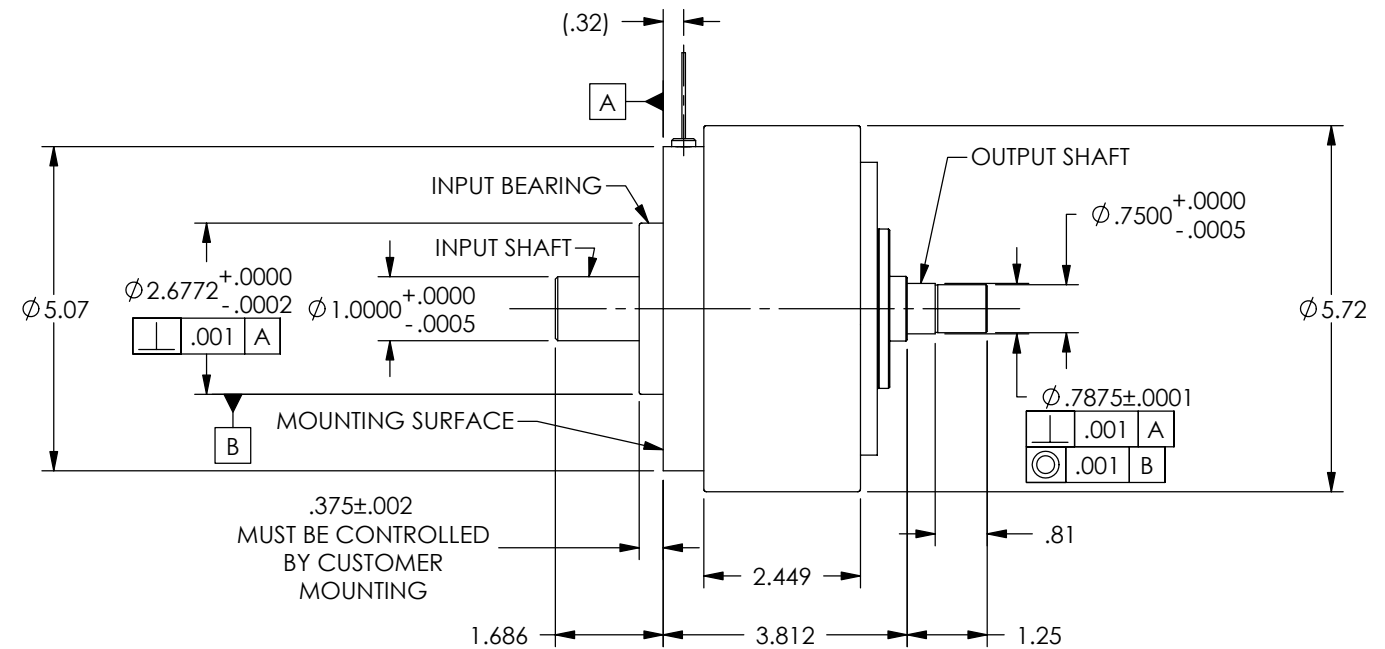
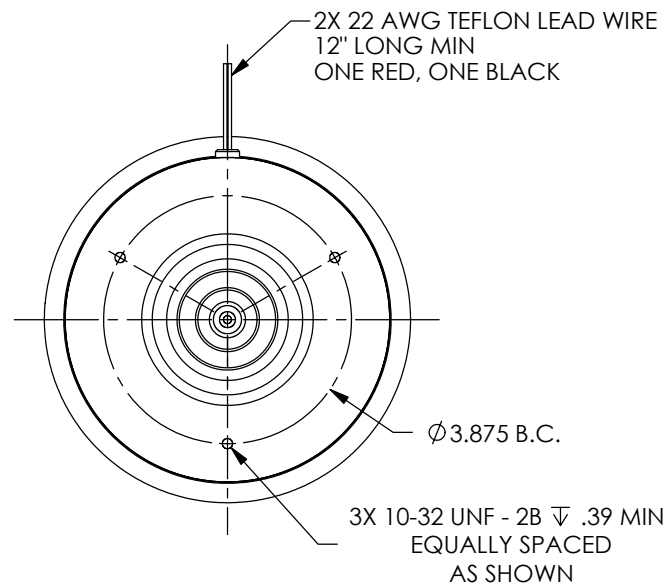
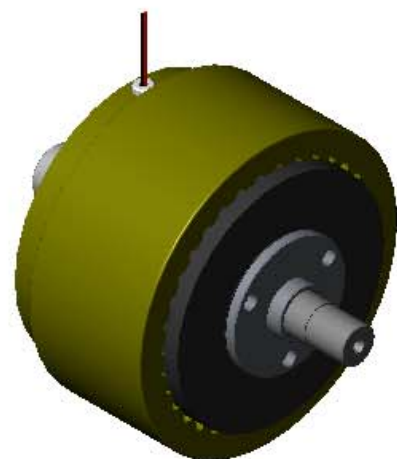


OPTIONAL PILLOW BLOCK ASSY 4759 (003381)
SOLID MODEL AVAILABLE

MODEL	COIL NUMBER	STOCK CODE NUMBER	MINIMUM 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 (Watts)		DE-ENERGIZED DRAG TORQUE @ 1000 rpm (oz in)	EXTERNAL INERTIA (lb in s ²)	ANGULAR ACCELERATION (rad/s ²)
									5 MINUTE (watts)	CONTINUOUS (watts)			
HCS-420	-1 (90 Vdc)	003563	420	162	517	83.8	13.6	3,600	670	160	2	6.55 X 10 ⁻³	4,010
	-2 (24 Vdc)	003564	420	461	52	24	11						
	-3 (12 Vdc)	003565	420	914	12.9	11.8	10.8						



IF MAGTROL PILLOW BLOCK ASSY IS NOT USED, THE CLUTCH MUST BE PILOTTED AND ADEQUATELY SUPPORTED ON THE INPUT BEARING. THE MOUNTING FACE MUST BE PERPENDICULAR TO THE CENTERLINE OF THE INPUT AND OUTPUT SHAFTS WITHIN .001" AND THE OUTPUT SHAFT MUST BE SUPPORTED USING MAGTROL PART NUMBER 506432 BEARING.



3 DIMENSIONAL VIEW
SCALE 1 : 3

MATERIAL CODE	MATERIAL TYPE	MATERIAL SIZE		
FINISH:	DESIGN	-	-	
	DRAWN	AJC	06/30/04	
	CHECKED	DTW	06/30/04	
	PROCESS CHK	-	-	
THIRD ANGLE PROJECTION	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES, DIAMETERS CONCENTRIC-.003 TIR, FACES PERPENDICULAR-.003 INTERPRETATION PER ASME Y14.5M-1994			<p>MAGTROL INC. 70 GARDENVILLE PKWY, W. BUFFALO, NEW YORK 14224-1322</p>
	REMOVE ALL BURRS AND BREAK SHARP EDGES .005/.010 X 45°. ALL INSIDE CORNERS TO BE .02 R MAX. TOLERANCES .XX ±.010 FRAC. ±1/64" .XXX ±.005 ANG. ±1° SURFACE FINISH 125 RMS MAX. U.O.S.			
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				<p>TITLE</p> <p>HCS-420 HYSTERESIS CLUTCH</p> <p>USED ON: - SIMILAR TO: - DWG. NO.</p> <p>HCS-420</p> <p>REV</p> <p>-</p>
	SIZE	SCALE	SHEET #	
	B	1 : 3	2 OF 2	