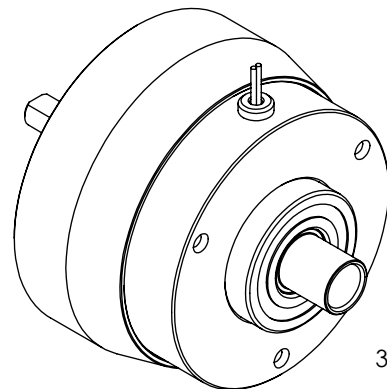
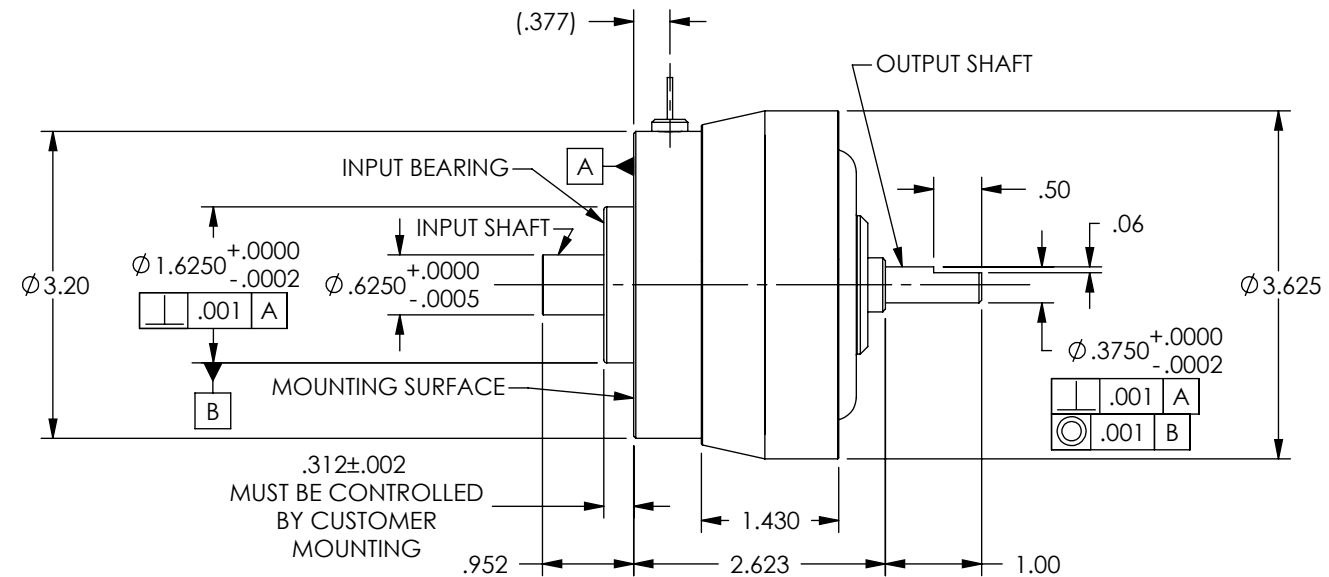
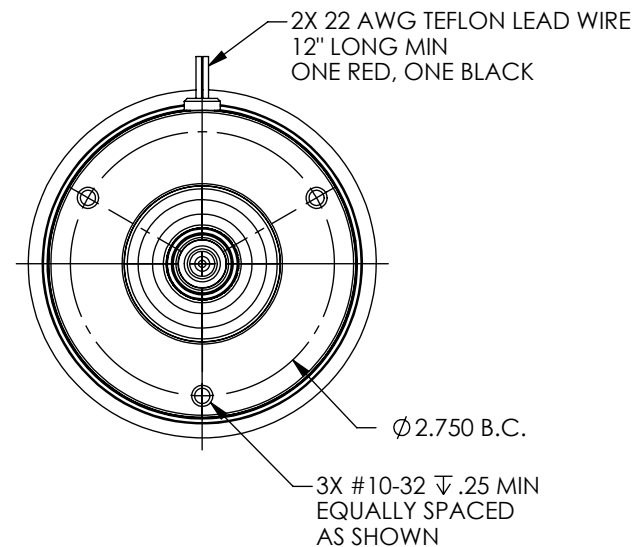


SOLID MODEL AVAILABLE


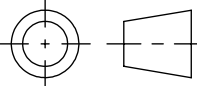
MODEL	COIL NUMBER	STOCK CODE	MINIMUM TORQUE AT RATED CURRENT (oz in)	RATED CURRENT (mA)	RESISTANCE ±10% @ 25°C (ohms)	VOLTAGE (Vdc)	NOMINAL POWER (watts)	MAXIMUM SPEED (RPM)	KINETIC POWER RATINGS		DE-ENERGIZED DRAG TORQUE @ 1000 RPM (oz in)	OUTPUT SHAFT INERTIA (lb in s ²)
									5 MINUTE (watts)	CONTINUOUS (watts)		
HCS-100	-1 (90 Vdc)	-	100	79	1200	95	7.5	3,600	300	75	0.7	9.1 x 10 ⁻⁴
	-2 (24 Vdc)	006353	100	200	120	24	4.8					
	-3 (12 Vdc)	-	100	400	30	12	4.8					

OPTIONAL PILLOW BLOCK ASSY 4755 (000262)



3 DIMENSIONAL VIEW
SCALE 1 : 2

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 506460 BEARING.

MATERIAL: -	DESIGN	-	-		MAGTROL INC.	
	DRAWN	AJC	08/19/03		70 GARDENVILLE PKWY, W. BUFFALO, NEW YORK 14224-1322	
FINISH: -	CHECKED	DTW	09/18/03	TITLE HCS-100 HYSTERESIS CLUTCH		
	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°, ALL INSIDE CORNERS TO BE .02 R MAX. TOLERANCES: .XX ± .01 FRAC. ± 1/64" .XXX ± .005 ANG. ± 1° SURFACE FINISH 125 RMS MAX. U.O.S.		
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SIZE B		SCALE 1:2	SHEET # 2 OF 2			