MODEL	COIL NUMBER (-X)	STOCK CODE	MIN. 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	EXTERNAL INERTIA	TORQUE TO
									5 MINUTE (watts)	CONTINUOUS (watts)	@ 1000 RPM (oz in)	(lb in s ²)	(rad/s ²)
MHB-250-X	-1 (90 Vdc)	003540	250	89	957	84.9	7.5	10,000	450	110	1.0	2.75 X 10 ⁻³	5,680
	-2 (24 Vdc)	003541		270	96	25.6	7.0						
	-3 (12 Vdc)	003542		533	24	12.8	6.8						

UNLESS OTHERWISE SPECIFIED, BRAKE IS TO BE MATCHED AT RATED TORQUE @ RATED CURRENT 2X .625-2X .062 (.748) → -2X #22 AWG TEFLON LEAD WIRE 18" LONG MIN DETAIL B SCALE 2 : 1 ONE RED, ONE BLACK DETAIL A SCALE 2 : 1 Ø1.1250^{+.0000}_{-.0002} 2X Ø.5000^{+.0000}_{-.0001} Ø4.437 Ø 1.750 B.C. 3X 10-32 UNF ▼ .50 MIN .935 **EQUALLY SPACED AS SHOWN** — 1.98 — ► - 2.53 ----1.06 4.718 **INSTALLATION DRAWING** MATERIAL: DESIGN MAGTROL INC. DRAWN AJC 01/07/11 70 GARDENVILLE PKWY, W. BUFFALO, NEW YORK 14224-1322 FINISH: 01/12/11 CHECKED JEF 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° INSIDE CORNERS TO BE R .02 MAX TOLERANCES: .XX ± .01 X/Y ± 1/64" MHB-250 MATCHED HYSTERESIS BRAKE THIRD **ANGLE** PROJECTION DWG NO: REV 3 DIMENSIONAL VIEW THIS DRAWING AND SPECIFICATION MHB-250 Α CONTAINS PROPRIETARY INFORMATION SCALE 1:2 TO MAGTROL INC. ANY DISCLOSURE OR REPRODUCTION OF THIS DOCUMENT

SOLID MODEL AVAILABLE

SIZE B

SCALE

1:2

WITHOUT WRITTEN AUTHORIZATION FROM

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