



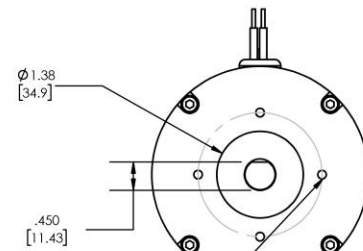
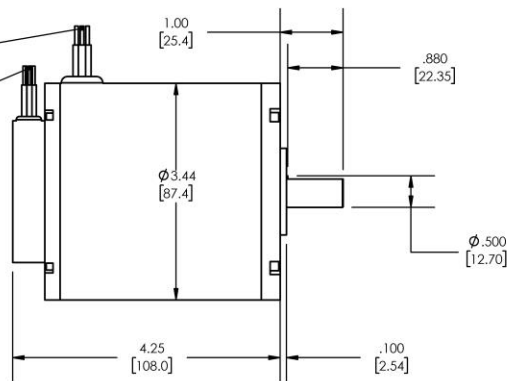
REVERSIBLE BRUSHLESS DC MOTOR

Model Number:

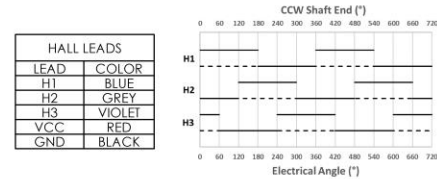
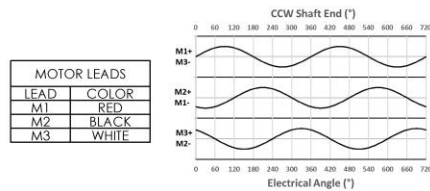
MMP BL86-425D-24V

MOTOR LEADS
14 AWG 24 ± 1 LENGTH
STRIP BACK 0.3 ± 0.1

HALL LEADS
24 AWG 24 ± 1 LENGTH
STRIP BACK 0.3 ± 0.1



(4) #8-32 THREADED MOUNTING HOLES
▽ 0.350 [8.89] ON A Ø 1.970 [50.04] BC
SPACED 90° APART



DIMENSIONS ARE INCHES [MM] UNLESS OTHERWISE STATED

DC MOTOR PERFORMANCE PARAMETERS:	VALUE	UNITS	TOLERANCE
Rated DC Voltage	24	DC VOLTS	----
Rated Continuous Current	20.5	AMPERES	----
No-Load Speed	5000	RPM	MAX
Rated Speed	3595	RPM	+/- 15%
Rated Continuous Power Out	330	WATTS	+/- 15%
Rated Continuous Torque	124	OZ-IN	----
Peak Torque (motor only)	316	OZ-IN	----
No-Load Current	1.39	AMPERES	MAX
Back EMF Constant (Ke)	4.8	V/KRPM	+/- 10%
Torque Constant (Kt)	6.5	OZ-IN/AMP	+/- 10%
DC Armature Resistance	0.33	OHMS	+/- 15%
Armature Inductance	0.27	mH	+/- 15%
Armature temperature	155	DEG. C	MAX

NOTES:

- ENCODER & BRAKE OPTIONS AVAILABLE – [FOLLOW THIS LINK FOR DETAILS](#)
- NEMA MOUNTING FLANGE OPTION AVAILABLE – [FOLLOW THIS LINK FOR DETAILS](#)

MIDWEST MOTION PRODUCTS, INC

DESIGN, MANUFACTURING & DISTRIBUTION - MOTION CONTROL EQUIPMENT

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