



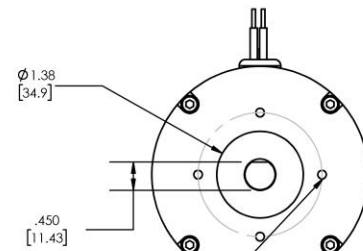
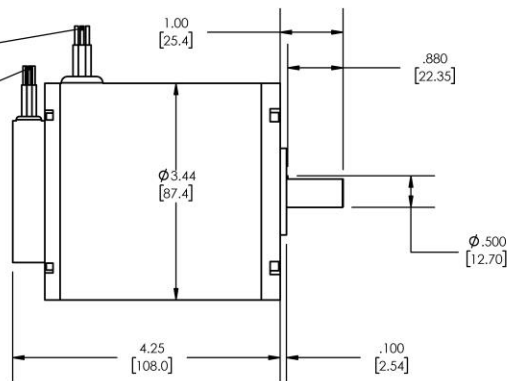
REVERSIBLE BRUSHLESS DC MOTOR

Model Number:

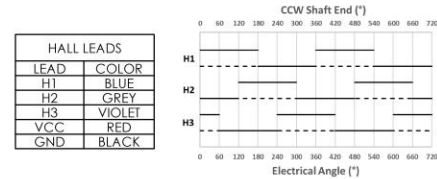
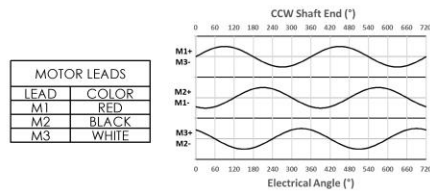
MMP BL86-425E-36V

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	36	DC VOLTS	----
Rated Continuous Current	19.4	AMPERES	----
No-Load Speed	5902	RPM	MAX
Rated Speed	4385	RPM	+/- 15%
Rated Continuous Power Out	490	WATTS	+/- 15%
Rated Continuous Torque	151	OZ-IN	----
Peak Torque (motor only)	416	OZ-IN	----
No-Load Current	1.09	AMPERES	MAX
Back EMF Constant (Ke)	6.1	V/KRPM	+/- 10%
Torque Constant (Kt)	8.2	OZ-IN/AMP	+/- 10%
DC Armature Resistance	0.48	OHMS	+/- 15%
Armature Inductance	0.43	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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