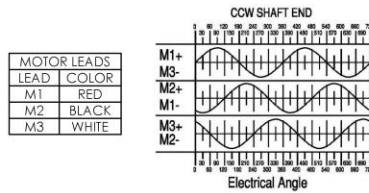
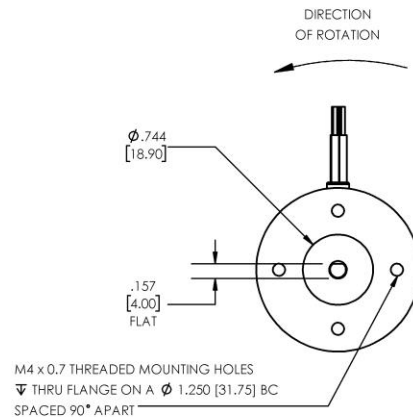
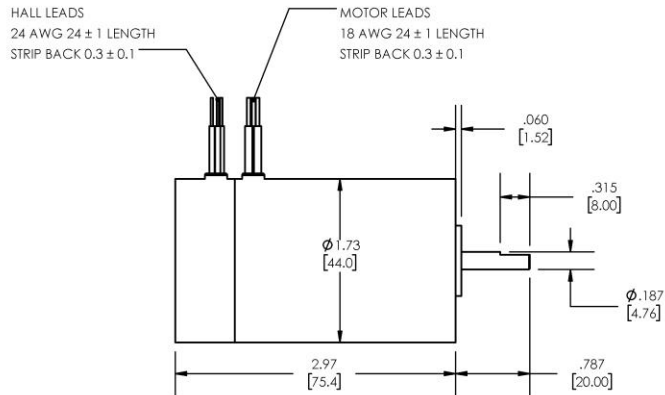




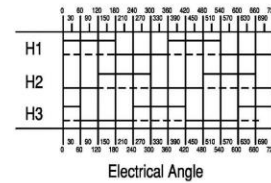
REVERSIBLE BRUSHLESS DC MOTOR

Model Number:

MMP BL44-297I-90V



HALL LEADS	
LEAD	COLOR
H1	BLUE
H2	GREY
H3	VIOLET
VCC	RED
GND	BLACK



DIMENSIONS ARE INCHES [MM] UNLESS OTHERWISE STATED

DC MOTOR PERFORMANCE PARAMETERS:	VALUE	UNITS	TOLERANCE
Rated DC Voltage	90	DC VOLTS	----
Rated Continuous Current	0.74	AMPERES	----
No-Load Speed	4185	RPM	+/- 15%
Rated Speed	3566	RPM	+/- 15%
Rated Continuous Power Out	53	WATTS	+/- 15%
Rated Continuous Torque	20	OZ-IN	----
Peak Torque (motor only)	91	OZ-IN	----
No-Load Current	0.05	AMPERES	10%
Back EMF Constant (Ke)	21.3	V/KRPM	+/- 10%
Torque Constant (Kt)	28.8	OZ-IN/AMP	+/- 10%
DC Armature Resistance	19.00	OHMS	+/- 15%
Armature Inductance	16.17	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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