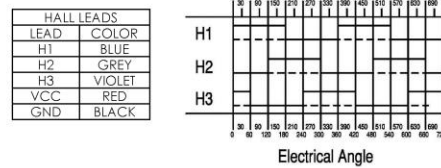
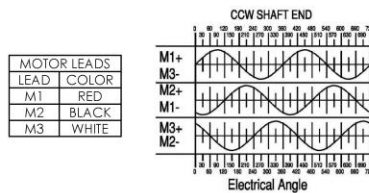
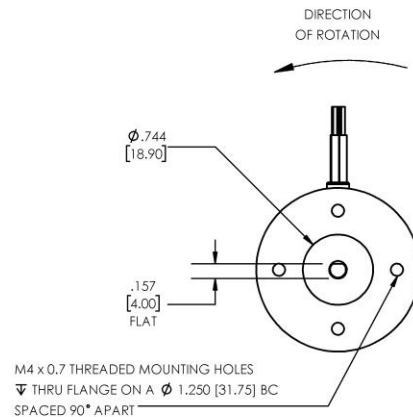
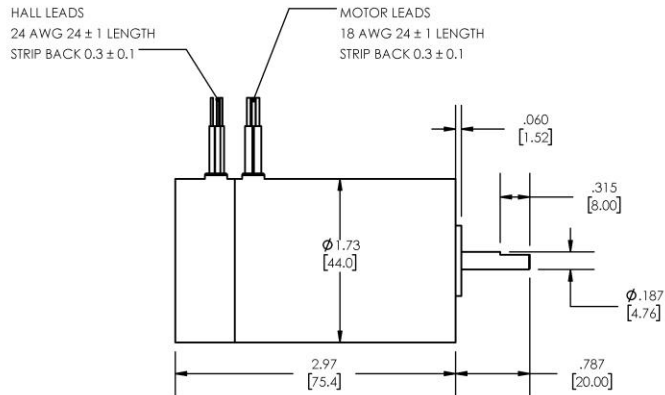




REVERSIBLE BRUSHLESS DC MOTOR

Model Number:

MMP BL44-297K-120V



DIMENSIONS ARE INCHES [MM] UNLESS OTHERWISE STATED

DC MOTOR PERFORMANCE PARAMETERS:	VALUE	UNITS	TOLERANCE
Rated DC Voltage	120	DC VOLTS	----
Rated Continuous Current	0.50	AMPERES	----
No-Load Speed	3777	RPM	+/- 15%
Rated Speed	3091	RPM	+/- 15%
Rated Continuous Power Out	46	WATTS	+/- 15%
Rated Continuous Torque	20	OZ-IN	----
Peak Torque (motor only)	74	OZ-IN	----
No-Load Current	0.03	AMPERES	10%
Back EMF Constant (Ke)	31.4	V/KRPM	+/- 10%
Torque Constant (Kt)	42.5	OZ-IN/AMP	+/- 10%
DC Armature Resistance	45.80	OHMS	+/- 15%
Armature Inductance	40.37	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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