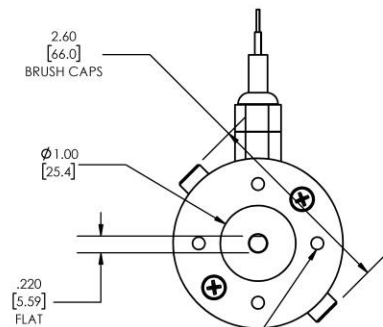
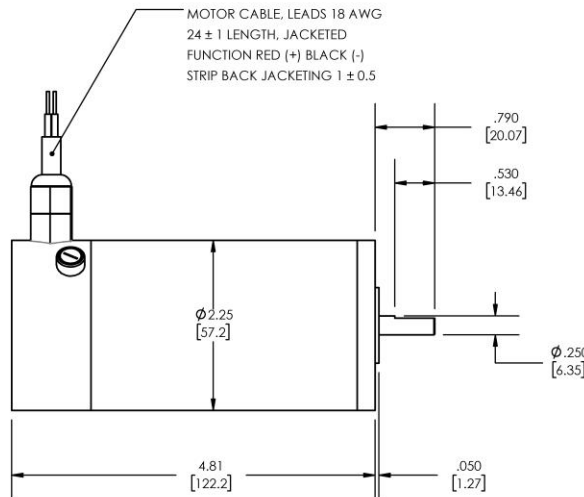




# REVERSIBLE BRUSHED DC MOTOR

**Model Number:**

**MMP D22-490E-48V**



(4) M5 x 0.8 THREADED MOUNTING HOLES  
▽ 0.350 [8.89] ON A Ø 1.570 [39.88] BC  
SPACED 90° APART

DIMENSIONS ARE INCHES [MM] UNLESS OTHERWISE STATED

| DC MOTOR PERFORMANCE PARAMETERS: | VALUE | UNITS     | TOLERANCE |
|----------------------------------|-------|-----------|-----------|
| Rated DC Voltage                 | 48    | DC VOLTS  | ----      |
| Rated Continuous Current         | 4.6   | AMPERES   | ----      |
| No-Load Speed                    | 5714  | RPM       | MAX       |
| Rated Speed                      | 4712  | RPM       | +/- 15%   |
| Rated Continuous Power Out       | 164   | WATTS     | +/- 15%   |
| Rated Continuous Torque          | 47    | OZ-IN     | ----      |
| Peak Torque (motor only)         | 196   | OZ-IN     | ----      |
| No-Load Current                  | 0.39  | AMPERES   | MAX       |
| Back EMF Constant (Ke)           | 8.4   | V/KRPM    | +/- 10%   |
| Torque Constant (Kt)             | 11.3  | OZ-IN/AMP | +/- 10%   |
| DC Armature Resistance           | 1.84  | OHMS      | +/- 15%   |
| Armature Inductance              | 2.30  | 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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