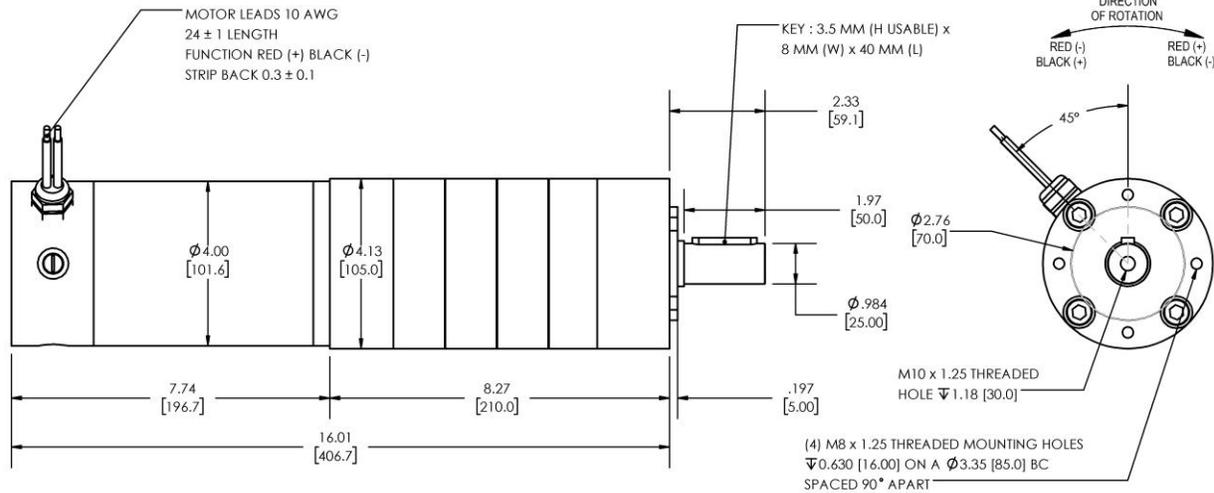


Model Number:
MMP S40-775F-48V GP105-1140



DIMENSIONS ARE INCHES [MM] UNLESS OTHERWISE STATED

| PLANETARY GEARMOTOR OUTPUT PARAMETERS: | VALUE | UNITS | TOLERANCE |
|--|---------------|-------------|-----------|
| Gearhead Ratio (exact) | 1139.73 : 1 | | |
| Gearmotor Output Speed (at Cont. Torque) | 2.7 | RPM | +/- 15% |
| Gearmotor Rated Continuous Torque | 3452 | In-Lbs | MAX |
| Gearmotor Peak Torque Capacity | 3452++ | In-Lbs | MAX |
| Gearhead Standard Backlash | 39 | Arc Minutes | MAX |
| Gearhead Efficiency | 65% | ---- | ---- |
| Output Shaft Radial Load Capacity | 338 | Lbs | MAX |
| Output Shaft Axial Load Capacity | 68 | Lbs | MAX |
| Gearmotor Total Weight | 14.5 | Lbs | MAX |

++ All Peak Torque values are dependent upon duty. Contact our sales office for details.

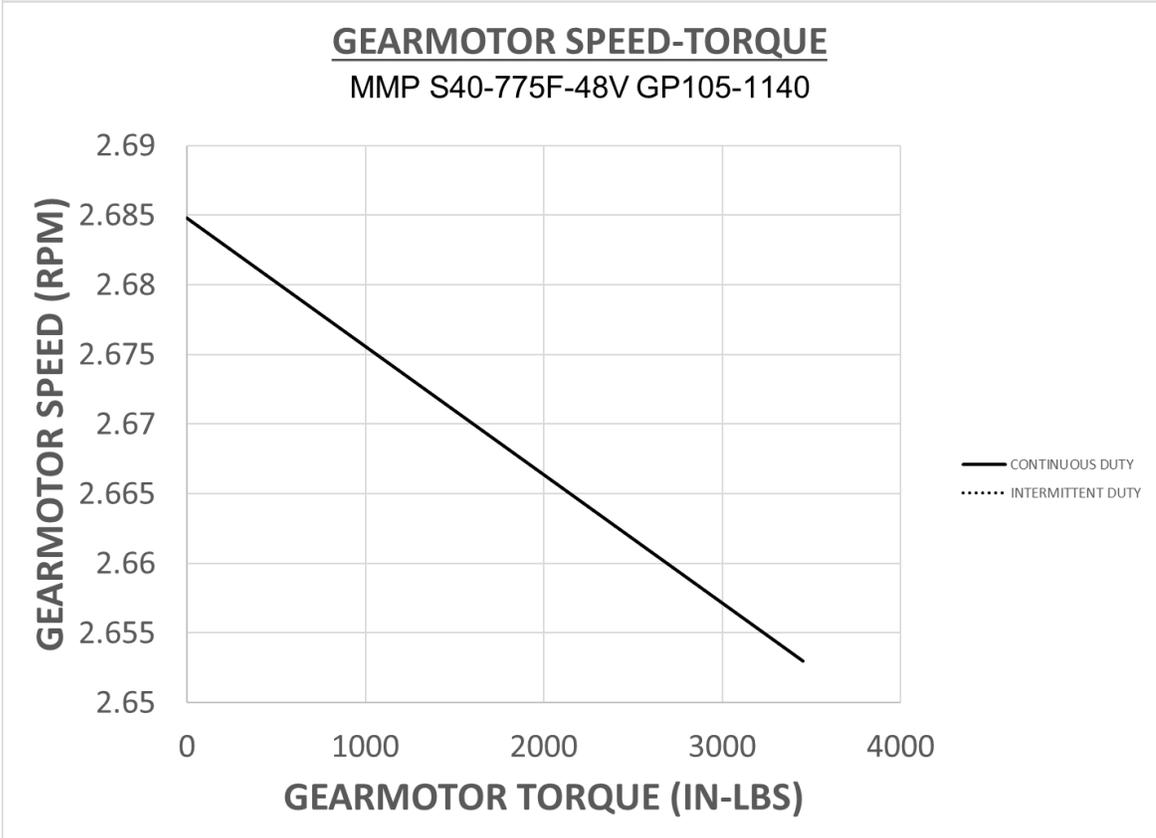
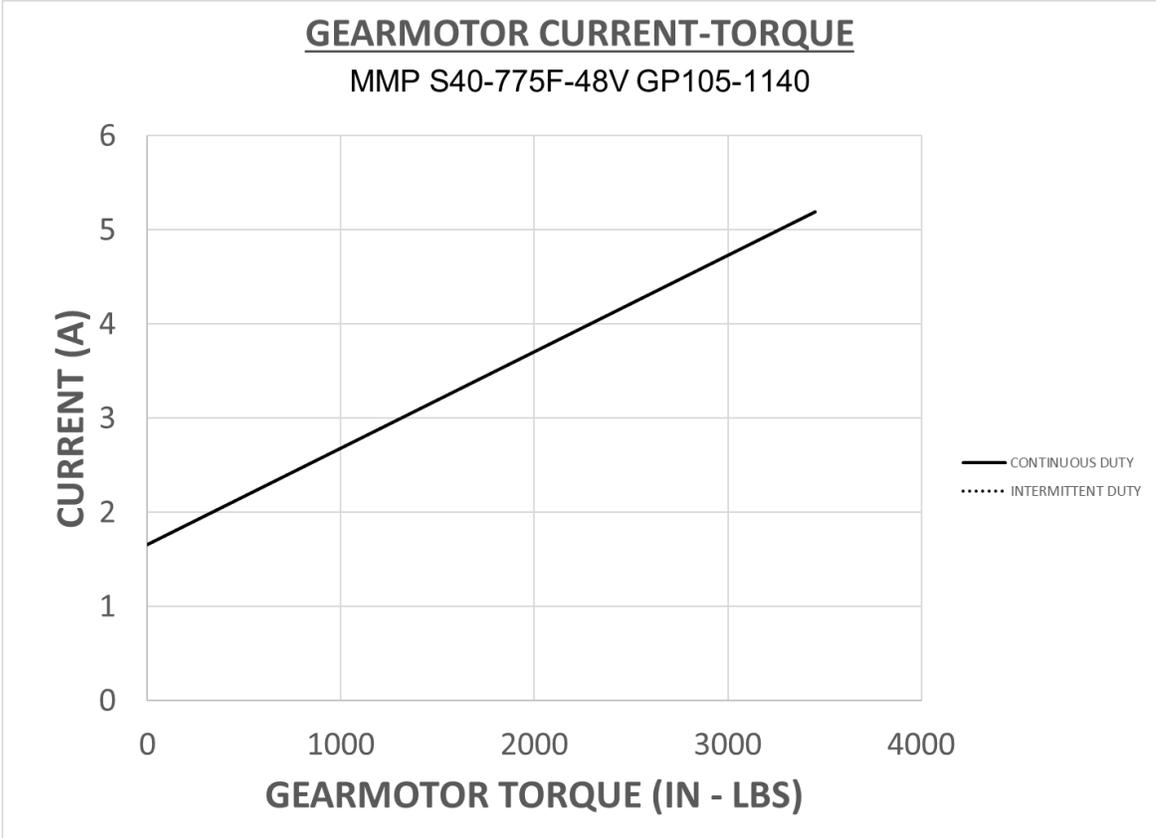
| DC MOTOR PERFORMANCE PARAMETERS: | VALUE | UNITS | TOLERANCE |
|----------------------------------|-------|-----------|-----------|
| Input DC Voltage | 48 | DC VOLTS | ---- |
| No-Load Current | 1.66 | AMPERES | MAX |
| No-Load Speed | 3060 | RPM | +/- 15% |
| Rated Continuous Torque | 75 | OZ-IN | MAX |
| Rated Continuous Current | 5.2 | AMPERES | MAX |
| Rated Speed (at Cont. Torque) | 3041 | RPM | +/- 15% |
| Rated Continuous Power Out | 168 | WATTS | +/- 15% |
| Peak Motor Torque | 75 | OZ-IN | MAX |
| Peak Motor Current | 5.2 | AMPERES | MAX |
| Back EMF Constant (Ke) | 15.6 | V/KRPM | +/- 10% |
| Torque Constant (Kt) | 21.1 | OZ-IN/AMP | +/- 10% |
| DC Armature Resistance | 0.16 | OHMS | +/- 15% |
| Armature Inductance | 0.24 | mH | +/- 15% |
| Number of Motor Poles | 4 | (-) | ---- |
| Armature temperature | 155 | DEG. C | MAX |

NOTES:

1. Rated speeds may drop as the motor temperature increases. Values are stated with the motor at 25 °C.
2. All Peak Torque values are dependent upon duty. Contact our sales office for details.

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NEMA MOUNTING FLANGE OPTION AVAILABLE – [FOLLOW THIS LINK FOR DETAILS](#)



MIDWEST MOTION PRODUCTS, INC

DESIGN, MANUFACTURING & DISTRIBUTION - MOTION CONTROL EQUIPMENT

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