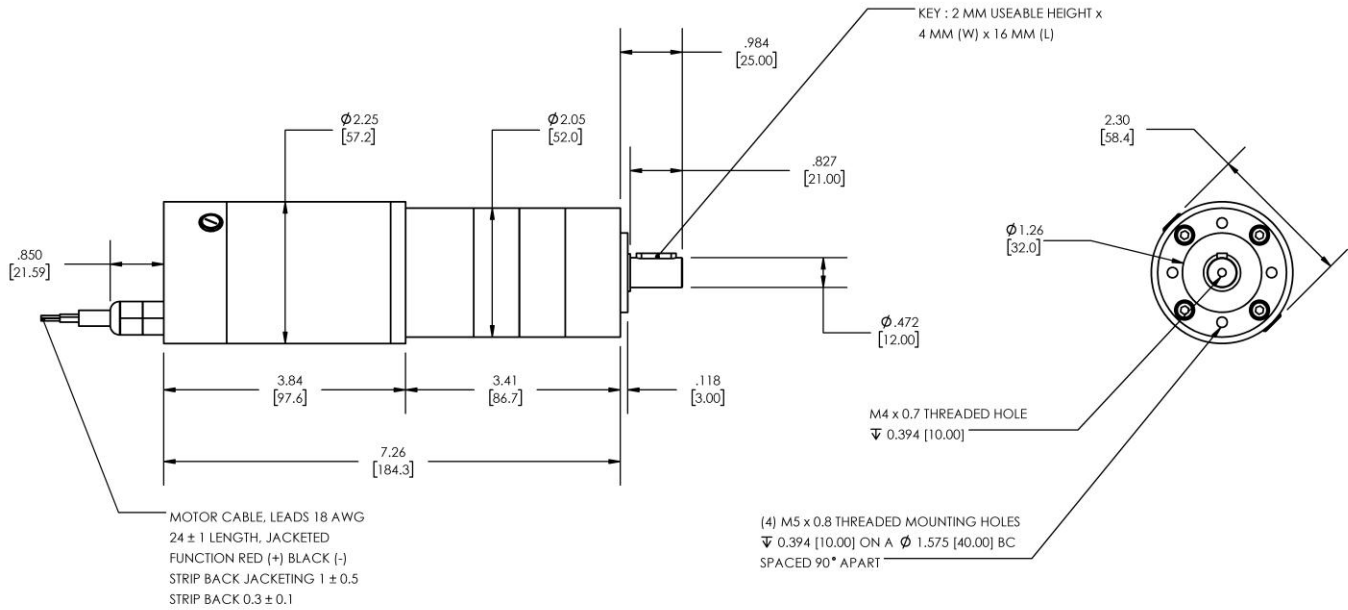


Model Number:
MMP TM57-48V GP52-029


DIMENSIONS ARE INCHES [MM] UNLESS OTHERWISE STATED

| PLANETARY GEARMOTOR OUTPUT PARAMETERS: | VALUE | UNITS | TOLERANCE |
|--|--------------|-------------|-----------|
| Gearhead Ratio (exact) | 28.93 : 1 | | |
| Gearhead Shaft Output Speed (at full-load) | 128 | RPM | MAX |
| Gearmotor Rated Continuous Torque | 42 | In-Lbs | MAX |
| Gearmotor Rated Peak Torque | 120++ | In-Lbs | ---- |
| Gearhead Standard Backlash | 45 | Arc Minutes | MAX |
| Gearhead Efficiency | 75% | ---- | ---- |
| Output Shaft Radial Load Capacity | 72 | Lbs | MAX |
| Output Shaft Axial Load Capacity | 23 | Lbs | MAX |
| Gearmotor Total Weight | 3.8 | Lbs | MAX |

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

| DC MOTOR PERFORMANCE PARAMETERS: | VALUE | UNITS | TOLERANCE |
|----------------------------------|-------|-----------|-----------|
| Rated DC Voltage | 48 | DC VOLTS | ---- |
| Rated Continuous Current | 2.68 | AMPERES | ---- |
| No-Load Speed | 5000 | RPM | MAX |
| Rated Speed | 3693 | RPM | +/- 15% |
| Rated Continuous Power Out | 84 | WATTS | +/- 15% |
| Rated Continuous Torque | 31 | OZ-IN | ---- |
| Peak Torque (motor only) | 89 | OZ-IN | ---- |
| No-Load Current | 0.32 | AMPERES | MAX |
| Back EMF Constant (Ke) | 9.6 | V/KRPM | +/- 10% |
| Torque Constant (Kt) | 13.0 | OZ-IN/AMP | +/- 10% |
| DC Armature Resistance | 4.68 | OHMS | +/- 15% |
| Armature Inductance | 6.57 | 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](#)

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