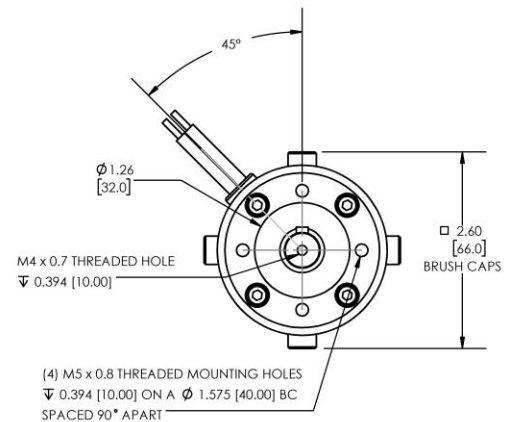




# MMP S22-346K-48V GP52-04.3



| PLANETARY GEARMOTOR OUTPUT PARAMETERS:     | VALUE    | UNITS       | TOLERANCE |
|--------------------------------------------|----------|-------------|-----------|
| Gearhead Ratio (exact)                     | 4.28 : 1 |             |           |
| Gearhead Shaft Output Speed (at full-load) | 526      | RPM         | MAX       |
| Gearmotor Rated Continuous Torque          | 13       | In-Lbs      | MAX       |
| Gearmotor Rated Peak Torque                | 33++     | In-Lbs      | ----      |
| Gearhead Standard Backlash                 | 42       | Arc Minutes | MAX       |
| Gearhead Efficiency                        | 80%      | ----        | ----      |
| Output Shaft Radial Load Capacity          | 45       | Lbs         | MAX       |
| Output Shaft Axial Load Capacity           | 14       | Lbs         | MAX       |
| Gearmotor Total Weight                     | 3.5      | Lbs         | MAX       |

| DC MOTOR PERFORMANCE PARAMETERS:    | VALUE | UNITS     | TOLERANCE |
|-------------------------------------|-------|-----------|-----------|
| Rated DC Voltage                    | 48    | DC VOLTS  | ----      |
| Rated Continuous Current            | 3.43  | AMPERES   | ----      |
| No-Load Speed                       | 3221  | RPM       | MAX       |
| Rated Speed                         | 2253  | RPM       | +/- 15%   |
| Rated Continuous Power Out          | 101   | WATTS     | +/- 15%   |
| Rated Continuous Torque             | 60    | OZ-IN     | ----      |
| Peak Torque (motor only)            | 153   | OZ-IN     | ----      |
| No-Load Current                     | 0.42  | AMPERES   | MAX       |
| Back EMF Constant (K <sub>e</sub> ) | 14.9  | V/KRPM    | +/- 10%   |
| Torque Constant (K <sub>t</sub> )   | 20.1  | OZ-IN/AMP | +/- 10%   |
| DC Armature Resistance              | 4.21  | OHMS      | +/- 15%   |
| Armature Inductance                 | 1.38  | mH        | +/- 15%   |
| Armature temperature                | 155   | DEG. C    | MAX       |

- ENCODER & BRAKE OPTIONS AVAILABLE – [FOLLOW THIS LINK FOR DETAILS](#)
- NEMA MOUNTING FLANGE OPTION AVAILABLE – [FOLLOW THIS LINK FOR DETAILS](#)

## DESIGN, MANUFACTURING & DISTRIBUTION - MOTION CONTROL EQUIPMENT

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