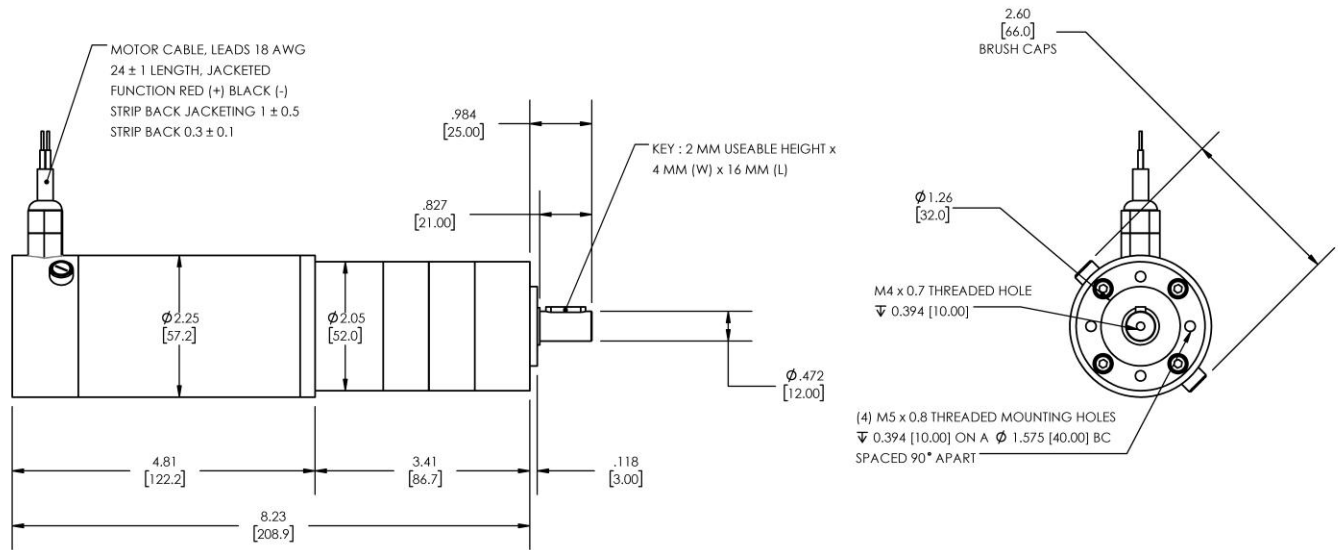


**Model Number:**
**MMP D22-490F-48V GP52-025**


DIMENSIONS ARE INCHES [MM] UNLESS OTHERWISE STATED

<b>PLANETARY GEARMOTOR OUTPUT PARAMETERS:</b>	<b>VALUE</b>	<b>UNITS</b>	<b>TOLERANCE</b>
Gearhead Ratio (exact)	25.01 : 1		
Gearhead Shaft Output Speed (at full-load)	154	RPM	MAX
Gearmotor Rated Continuous Torque	59	In-Lbs	MAX
Gearmotor Rated Peak Torque	<b>213++</b>	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	4.6	Lbs	MAX

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

<b>DC MOTOR PERFORMANCE PARAMETERS:</b>	<b>VALUE</b>	<b>UNITS</b>	<b>TOLERANCE</b>
Rated DC Voltage	48	DC VOLTS	----
Rated Continuous Current	4.05	AMPERES	----
No-Load Speed	4800	RPM	MAX
Rated Speed	3864	RPM	+/- 15%
Rated Continuous Power Out	144	WATTS	+/- 15%
Rated Continuous Torque	50	OZ-IN	----
Peak Torque (motor only)	187	OZ-IN	----
No-Load Current	0.33	AMPERES	MAX
Back EMF Constant (Ke)	10.0	V/KRPM	+/- 10%
Torque Constant (Kt)	13.5	OZ-IN/AMP	+/- 10%
DC Armature Resistance	2.31	OHMS	+/- 15%
Armature Inductance	2.89	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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