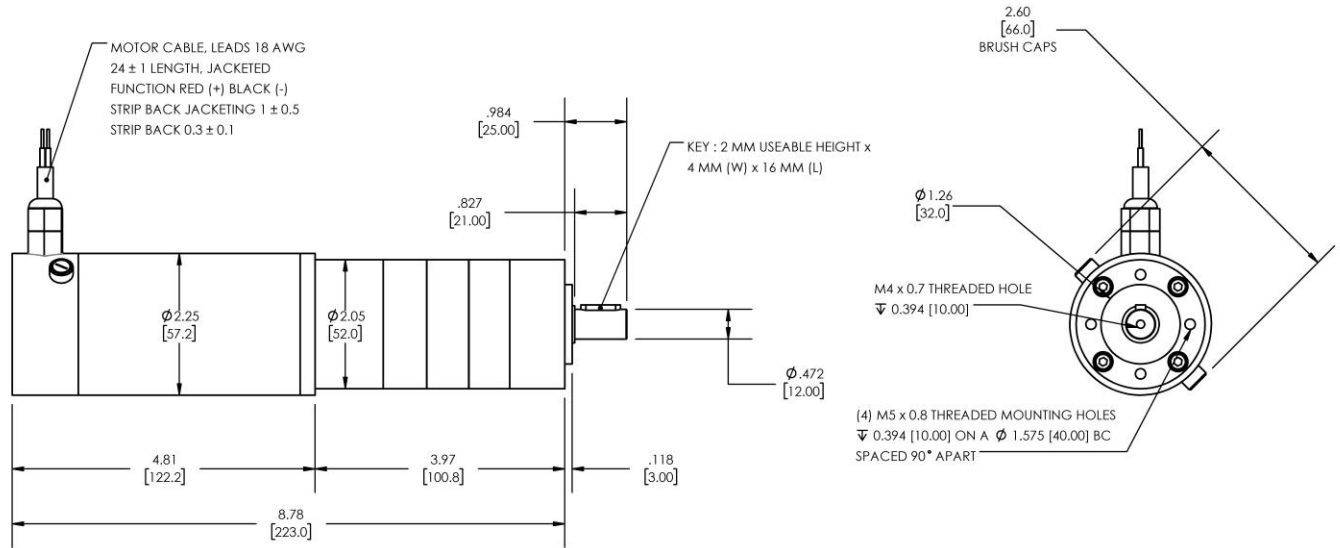


**Model Number:**
**MMP D22-490E-36V GP52-068**


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)	68.06 : 1		
Gearhead Shaft Output Speed (at full-load)	48	RPM	MAX
Gearmotor Rated Continuous Torque	140	In-Lbs	MAX
Gearmotor Rated Peak Torque	<b>438++</b>	In-Lbs	----
Gearhead Standard Backlash	48	Arc Minutes	MAX
Gearhead Efficiency	70%	----	----
Output Shaft Radial Load Capacity	102	Lbs	MAX
Output Shaft Axial Load Capacity	34	Lbs	MAX
Gearmotor Total Weight	5.1	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	36	DC VOLTS	----
Rated Continuous Current	4.57	AMPERES	----
No-Load Speed	4286	RPM	MAX
Rated Speed	3284	RPM	+/- 15%
Rated Continuous Power Out	115	WATTS	+/- 15%
Rated Continuous Torque	47	OZ-IN	----
Peak Torque (motor only)	147	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

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