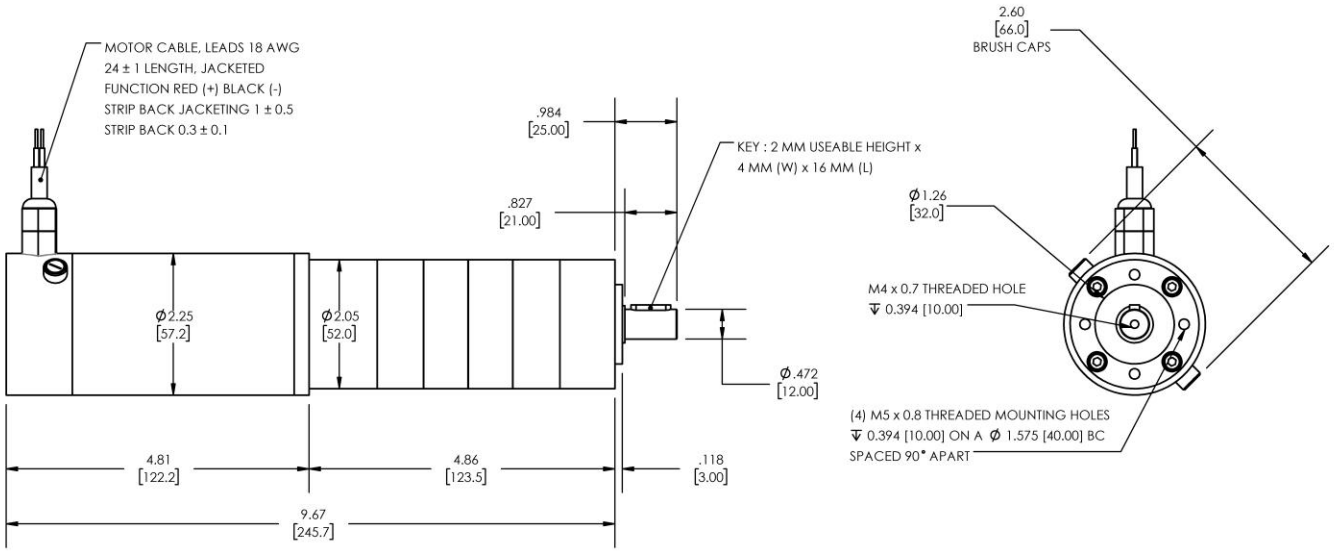
Model Number:

MMP D22-490J-90V GP52-2076



DIMENSIONS ARE INCHES [MM] UNLESS OTHERWISE STATED

PLANETARY GEARMOTOR OUTPUT PARAMETERS:	VALUE	UNITS	TOLERANCE
Gearhead Ratio (exact)	2075.94 : 1		
Gearhead Shaft Output Speed (at full-load)	1.7	RPM	MAX
Gearmotor Rated Continuous Torque	443	In-Lbs	MAX
Gearmotor Rated Peak Torque	443++	In-Lbs	-----
Gearhead Standard Backlash	51	Arc Minutes	MAX
Gearhead Efficiency	65%	-----	-----
Output Shaft Radial Load Capacity	113	Lbs	MAX
Output Shaft Axial Load Capacity	45	Lbs	MAX
Gearmotor Total Weight	5.5	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	90	DC VOLTS	-----
Rated Continuous Current	0.29	AMPERES	-----
No-Load Speed	3614	RPM	MAX
Rated Speed	3427	RPM	+/- 15%
Rated Continuous Power Out	13	WATTS	+/- 15%
Rated Continuous Torque	5.3	OZ-IN	-----
Peak Torque (motor only)	124	OZ-IN	-----
No-Load Current	0.13	AMPERES	MAX
Back EMF Constant (Ke)	24.9	V/KRPM	+/- 10%
Torque Constant (Kt)	33.6	OZ-IN/AMP	+/- 10%
DC Armature Resistance	16.26	OHMS	+/- 15%
Armature Inductance	18.20	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