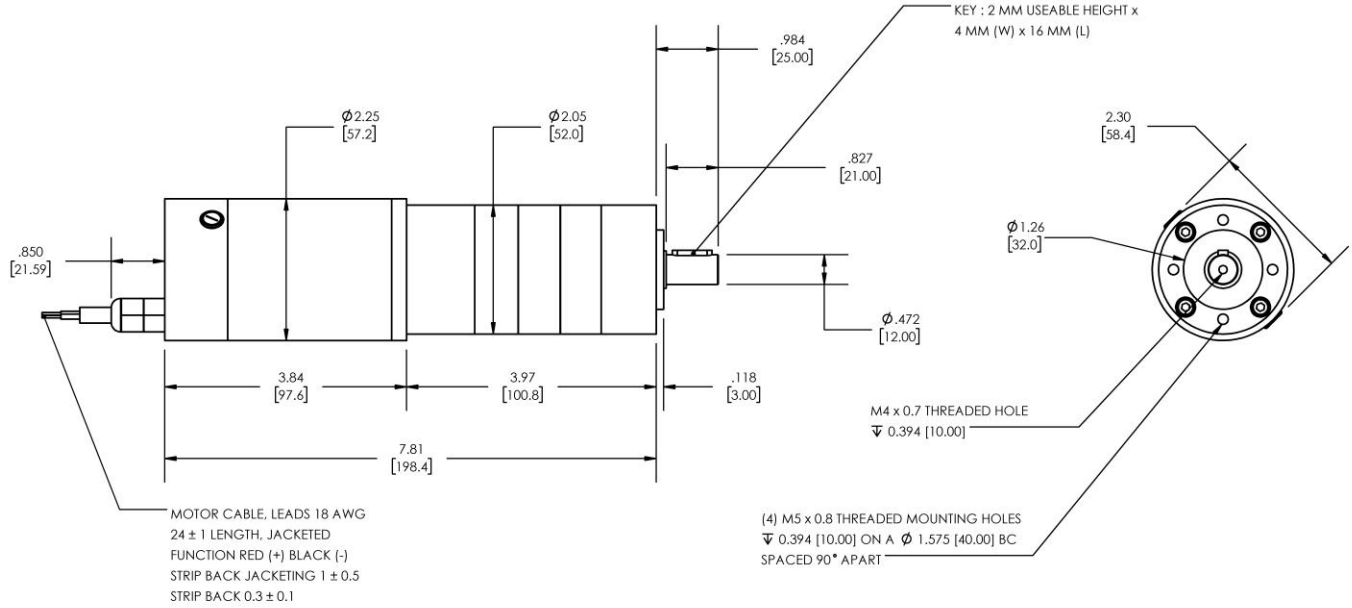
Model Number:

MMP TM57-60V GP52-059



DIMENSIONS ARE INCHES [MM] UNLESS OTHERWISE STATED

PLANETARY GEARMOTOR OUTPUT PARAMETERS:	VALUE	UNITS	TOLERANCE
Gearhead Ratio (exact)	58.85 : 1		
Gearhead Shaft Output Speed (at full-load)	63	RPM	MAX
Gearmotor Rated Continuous Torque	77	In-Lbs	MAX
Gearmotor Rated Peak Torque	232++	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	4.3	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	60	DC VOLTS	-----
Rated Continuous Current	2.13	AMPERES	-----
No-Load Speed	5000	RPM	MAX
Rated Speed	3723	RPM	+/- 15%
Rated Continuous Power Out	84	WATTS	+/- 15%
Rated Continuous Torque	30	OZ-IN	-----
Peak Torque (motor only)	90	OZ-IN	-----
No-Load Current	0.25	AMPERES	MAX
Back EMF Constant (Ke)	12.0	V/KRPM	+/- 10%
Torque Constant (Kt)	16.2	OZ-IN/AMP	+/- 10%
DC Armature Resistance	7.21	OHMS	+/- 15%
Armature Inductance	10.26	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