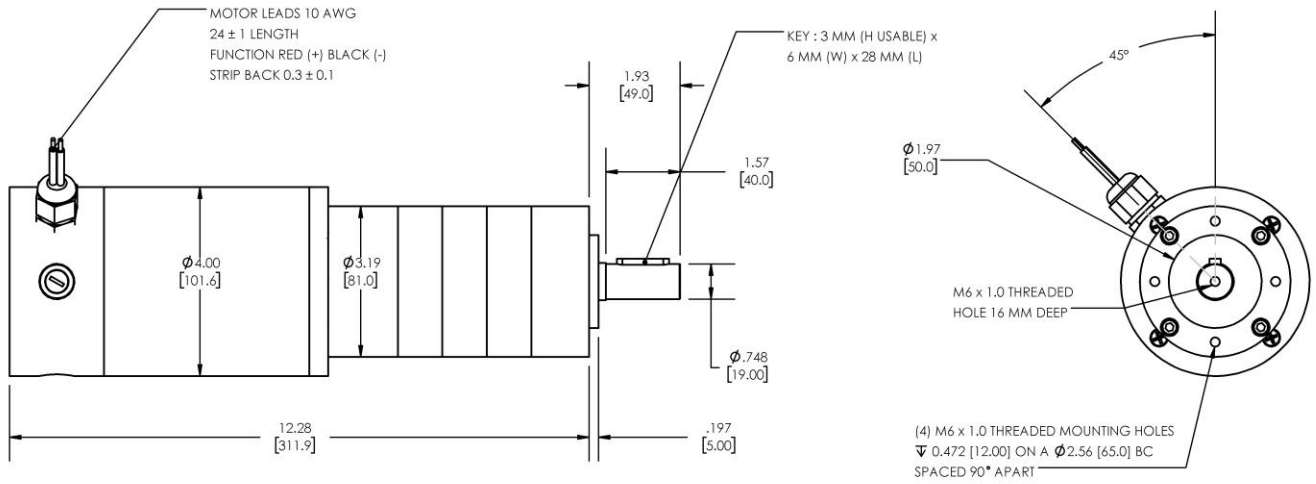
Model Number:

MMP D40-675G-90V GP81-308



DIMENSIONS ARE INCHES [MM] UNLESS OTHERWISE STATED

PLANETARY GEARMOTOR OUTPUT PARAMETERS:	VALUE	UNITS	TOLERANCE
Gearhead Ratio (exact)	307.54 : 1		
Gearhead Shaft Output Speed (at full-load)	12	RPM	MAX
Gearmotor Rated Continuous Torque	2125	In-Lbs	MAX
Gearmotor Rated Peak Torque	2125++	In-Lbs	-----
Gearhead Standard Backlash	36	Arc Minutes	MAX
Gearhead Efficiency	70%	-----	-----
Output Shaft Radial Load Capacity	225	Lbs	MAX
Output Shaft Axial Load Capacity	45	Lbs	MAX
Gearmotor Total Weight	19	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	6.17	AMPERES	-----
No-Load Speed	3982	RPM	MAX
Rated Speed	3789	RPM	+/- 15%
Rated Continuous Power Out	443	WATTS	+/- 15%
Rated Continuous Torque	158	OZ-IN	-----
Peak Torque (motor only)	2596	OZ-IN	-----
No-Load Current	1.01	AMPERES	MAX
Back EMF Constant (Ke)	22.6	V/KRPM	+/- 10%
Torque Constant (Kt)	30.6	OZ-IN/AMP	+/- 10%
DC Armature Resistance	0.71	OHMS	+/- 15%
Armature Inductance	1.11	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