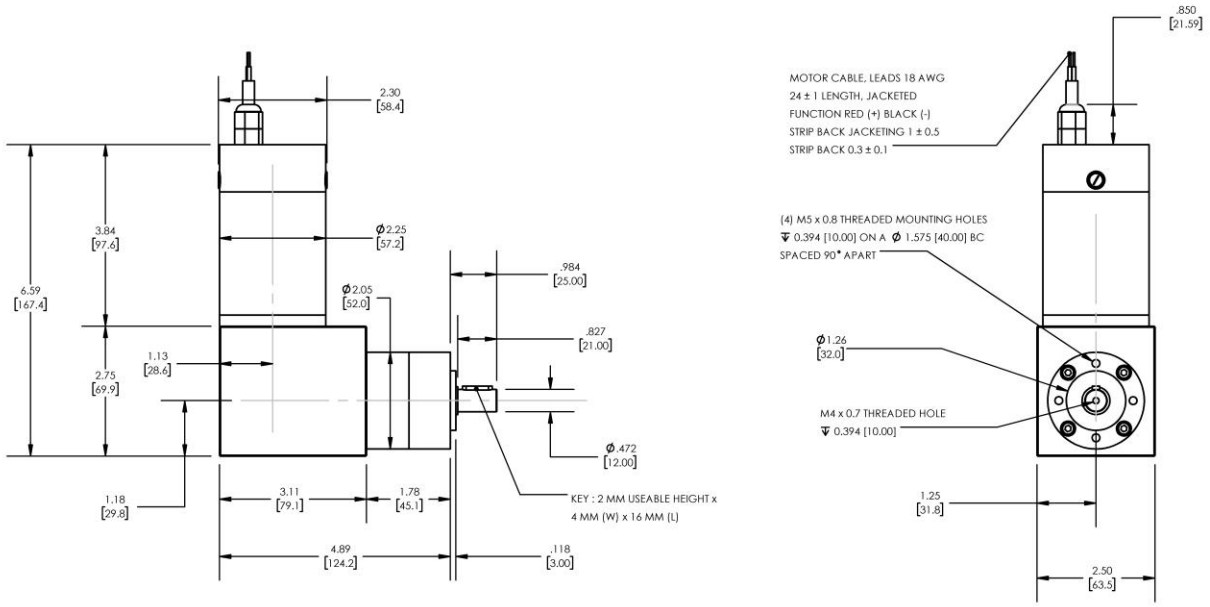
REVERSIBLE BRUSHED DC RIGHT-ANGLED GEARMOTOR

Model Number:

MMP TM57-60-48V GRA52-005



DIMENSIONS ARE INCHES [MM] UNLESS OTHERWISE STATED

PLANETARY GEARMOTOR OUTPUT PARAMETERS:	VALUE	UNITS	TOLERANCE
Gearhead Ratio (exact)	5.18 : 1		
Gearhead Shaft Output Speed (at full-load)	526	RPM	MAX
Gearmotor Rated Continuous Torque	7.8	In-Lbs	MAX
Gearmotor Rated Peak Torque	19++	In-Lbs	-----
Gearhead Standard Backlash	42	Arc Minutes	MAX
Gearhead Efficiency	80%	-----	-----
Output Shaft Radial Load Capacity	45	Lbs	MAX
Output Shaft Axial Load Capacity	14	Lbs	MAX
Gearmotor Total Weight	5.2	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	48	DC VOLTS	-----
Rated Continuous Current	2.1	AMPERES	-----
No-Load Speed	4000	RPM	MAX
Rated Speed	2723	RPM	+/- 15%
Rated Continuous Power Out	61	WATTS	+/- 15%
Rated Continuous Torque	30	OZ-IN	-----
Peak Torque (motor only)	72	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:

- NEMA MOUNTING FLANGE OPTION AVAILABLE – **FOLLOW THIS LINK FOR DETAILS**