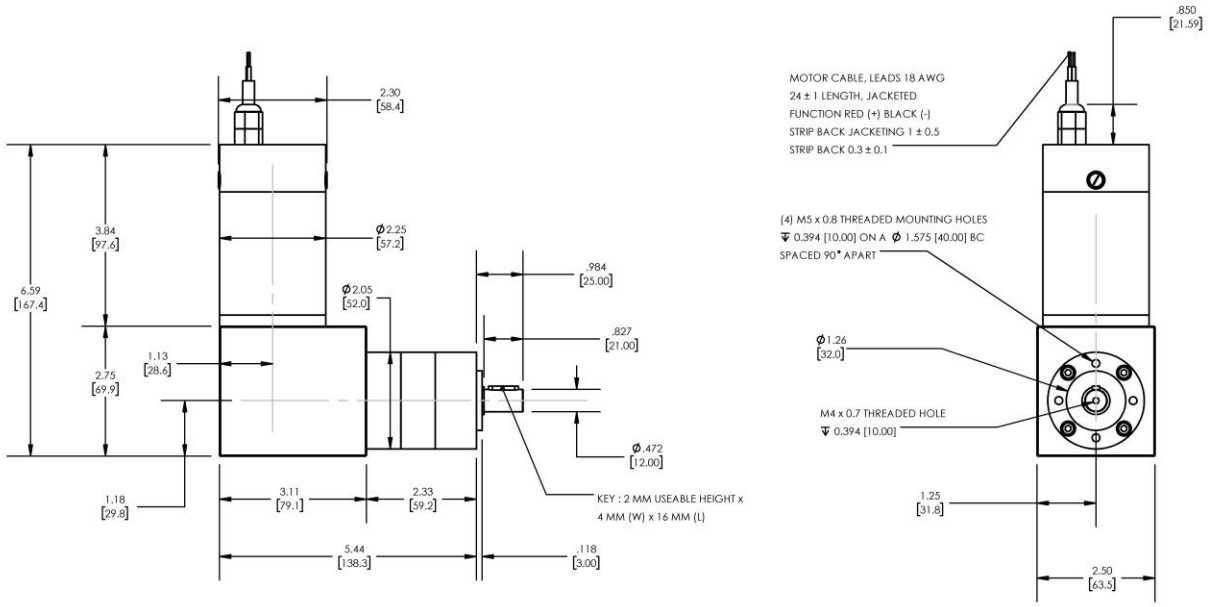
REVERSIBLE BRUSHED DC RIGHT-ANGLED GEARMOTOR

Model Number:

MMP TM57-36V GRA52-019



PLANETARY GEARMOTOR OUTPUT PARAMETERS:	VALUE	UNITS	TOLERANCE
Gearhead Ratio (exact)	19.20 : 1		
Gearhead Shaft Output Speed (at full-load)	168	RPM	MAX
Gearmotor Rated Continuous Torque	28	In-Lbs	MAX
Gearmotor Rated Peak Torque	74++	In-Lbs	-----
Gearhead Standard Backlash	45	Arc Minutes	MAX
Gearhead Efficiency	75%	-----	-----
Output Shaft Radial Load Capacity	72	Lbs	MAX
Output Shaft Axial Load Capacity	23	Lbs	MAX
Gearmotor Total Weight	5.7	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	36	DC VOLTS	-----
Rated Continuous Current	3.2	AMPERES	-----
No-Load Speed	4500	RPM	MAX
Rated Speed	3221	RPM	+/- 15%
Rated Continuous Power Out	74	WATTS	+/- 15%
Rated Continuous Torque	31	OZ-IN	-----
Peak Torque (motor only)	82	OZ-IN	-----
No-Load Current	0.38	AMPERES	MAX
Back EMF Constant (Ke)	8.0	V/KRPM	+/- 10%
Torque Constant (Kt)	10.8	OZ-IN/AMP	+/- 10%
DC Armature Resistance	3.16	OHMS	+/- 15%
Armature Inductance	3.10	mH	+/- 15%
Armature temperature	155	DEG. C	MAX

NOTES:

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