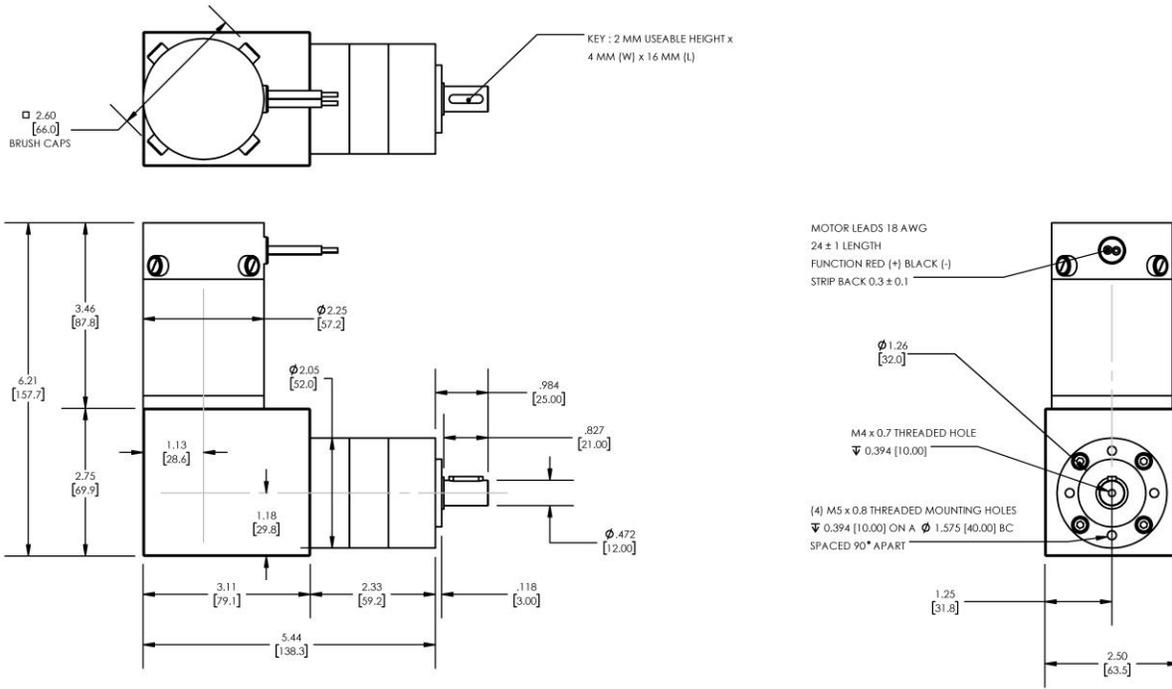




# REVERSIBLE BRUSHED DC RIGHT-ANGLED GEARMOTOR

**Model Number:**

**MMP S22-346F-24V GRA52-022**



PLANETARY GEARMOTOR OUTPUT PARAMETERS:	VALUE	UNITS	TOLERANCE
Gearhead Ratio (exact)	22.20 : 1		
Gearhead Shaft Output Speed (at full-load)	183	RPM	MAX
Gearmotor Rated Continuous Torque	61	In-Lbs	MAX
Gearmotor Rated Peak Torque	<b>212++</b>	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	24	DC VOLTS	----
Rated Continuous Current	10.7	AMPERES	----
No-Load Speed	5106	RPM	MAX
Rated Speed	4069	RPM	+/- 15%
Rated Continuous Power Out	177	WATTS	+/- 15%
Rated Continuous Torque	59	OZ-IN	----
Peak Torque (motor only)	221	OZ-IN	----
No-Load Current	1.35	AMPERES	MAX
Back EMF Constant (Ke)	4.7	V/KRPM	+/- 10%
Torque Constant (Kt)	6.3	OZ-IN/AMP	+/- 10%
DC Armature Resistance	0.46	OHMS	+/- 15%
Armature Inductance	0.22	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](#)

**MIDWEST MOTION PRODUCTS, INC**

**DESIGN, MANUFACTURING & DISTRIBUTION - MOTION CONTROL EQUIPMENT**

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