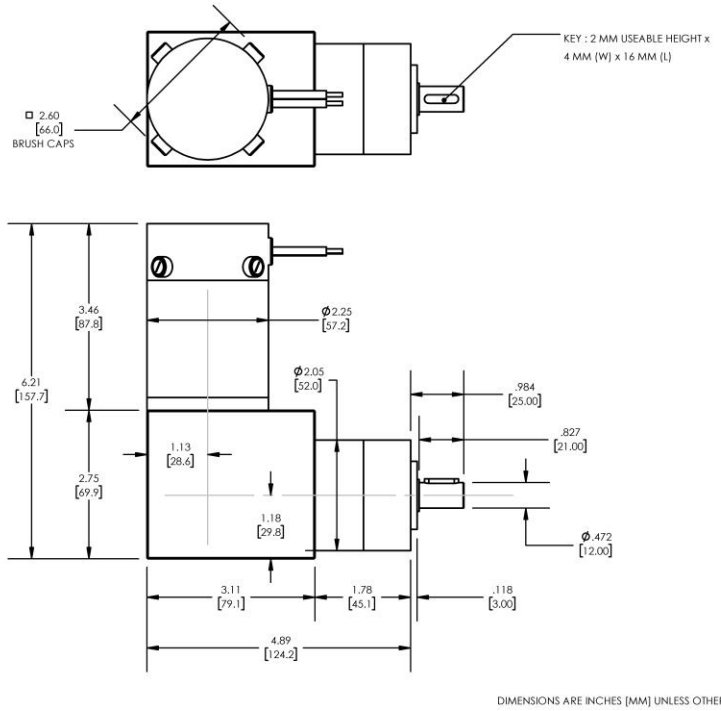
REVERSIBLE BRUSHED DC RIGHT-ANGLED GEARMOTOR

Model Number:

MMP S22-346F-24V GRA52-007



PLANETARY GEARMOTOR OUTPUT PARAMETERS:	VALUE	UNITS	TOLERANCE
Gearhead Ratio (exact)	6.75 : 1		
Gearhead Shaft Output Speed (at full-load)	603	RPM	MAX
Gearmotor Rated Continuous Torque	20	In-Lbs	MAX
Gearmotor Rated Peak Torque	71++	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	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