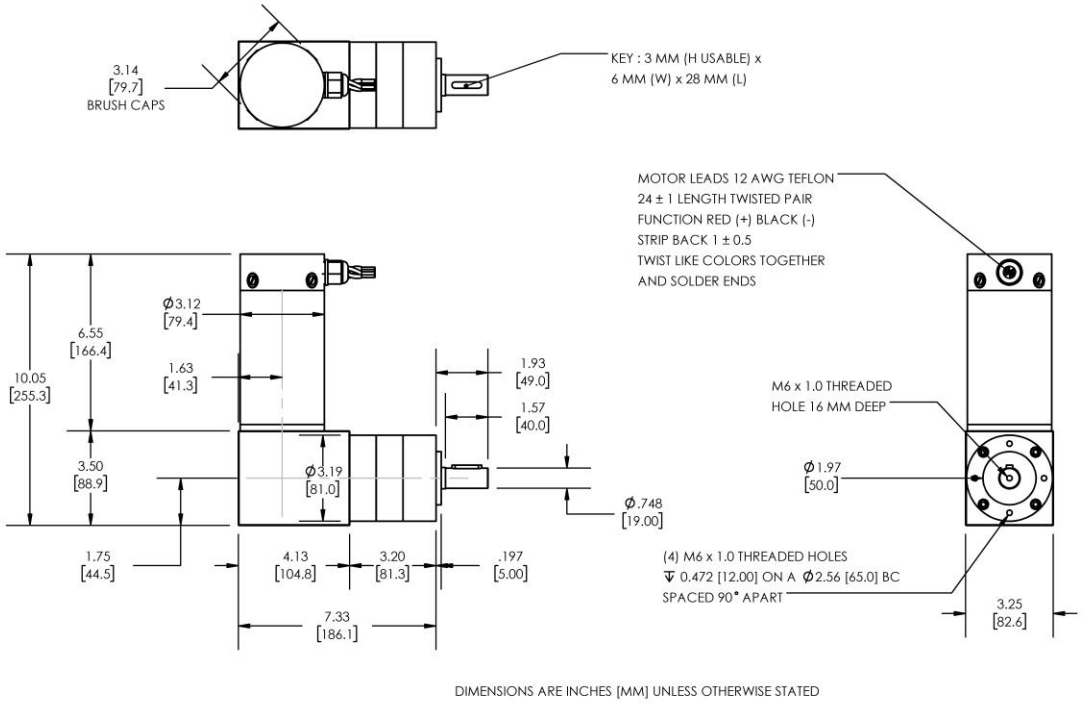
REVERSIBLE BRUSHED DC RIGHT-ANGLED GEARMOTOR

Model Number:

MMP D33-655E-36V GRA81-014



PLANETARY GEARMOTOR OUTPUT PARAMETERS:	VALUE	UNITS	TOLERANCE
Gearhead Ratio (exact)	13.73 : 1		
Gearhead Shaft Output Speed (at full-load)	220	RPM	MAX
Gearmotor Rated Continuous Torque	77	In-Lbs	MAX
Gearmotor Rated Peak Torque	508++	In-Lbs	-----
Gearhead Standard Backlash	33	Arc Minutes	MAX
Gearhead Efficiency	75%	-----	-----
Output Shaft Radial Load Capacity	135	Lbs	MAX
Output Shaft Axial Load Capacity	27	Lbs	MAX
Gearmotor Total Weight	17	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	9.1	AMPERES	-----
No-Load Speed	3396	RPM	MAX
Rated Speed	3020	RPM	+/- 15%
Rated Continuous Power Out	268	WATTS	+/- 15%
Rated Continuous Torque	120	OZ-IN	-----
Peak Torque (motor only)	789	OZ-IN	-----
No-Load Current	0.75	AMPERES	MAX
Back EMF Constant (Ke)	10.6	V/KRPM	+/- 10%
Torque Constant (Kt)	14.3	OZ-IN/AMP	+/- 10%
DC Armature Resistance	0.44	OHMS	+/- 15%
Armature Inductance	0.34	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