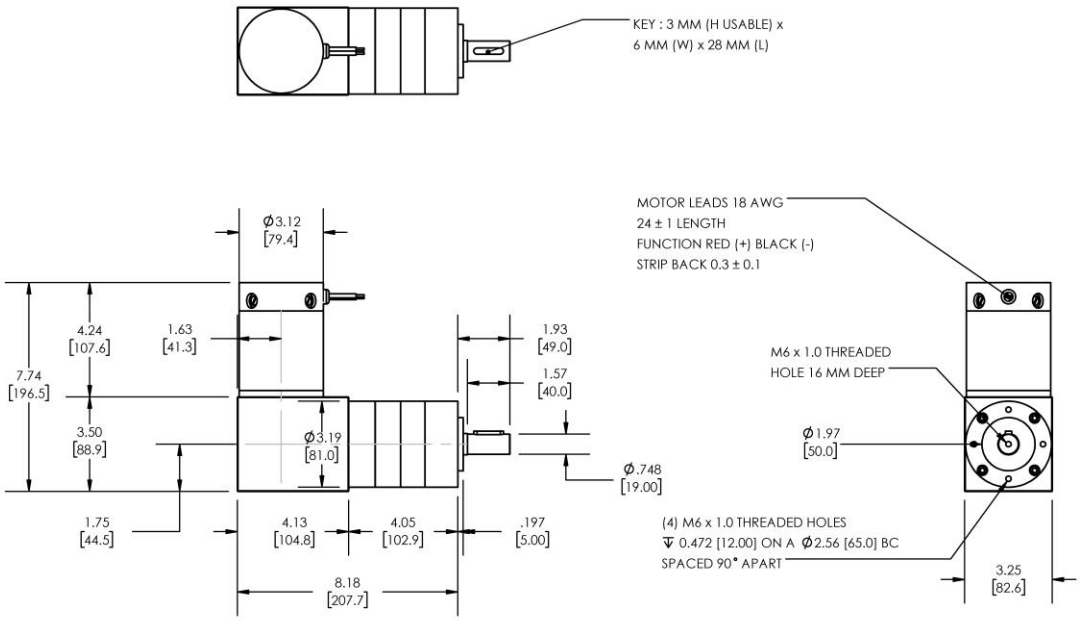
REVERSIBLE BRUSHED DC RIGHT-ANGLED GEARMOTOR

Model Number:

MMP D33-455G-36V GRA81-100



PLANETARY GEARMOTOR OUTPUT PARAMETERS:	VALUE	UNITS	TOLERANCE
Gearhead Ratio (exact)	99.50 : 1		
Gearhead Shaft Output Speed (at full-load)	23	RPM	MAX
Gearmotor Rated Continuous Torque	440	In-Lbs	MAX
Gearmotor Rated Peak Torque	1283++	In-Lbs	-----
Gearhead Standard Backlash	36	Arc Minutes	MAX
Gearhead Efficiency	70%	-----	-----
Output Shaft Radial Load Capacity	225	Lbs	MAX
Output Shaft Axial Load Capacity	45	Lbs	MAX
Gearmotor Total Weight	16	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	7.0	AMPERES	-----
No-Load Speed	3077	RPM	MAX
Rated Speed	2311	RPM	+/- 15%
Rated Continuous Power Out	173	WATTS	+/- 15%
Rated Continuous Torque	101	OZ-IN	-----
Peak Torque (motor only)	295	OZ-IN	-----
No-Load Current	0.56	AMPERES	MAX
Back EMF Constant (Ke)	11.7	V/KRPM	+/- 10%
Torque Constant (Kt)	15.8	OZ-IN/AMP	+/- 10%
DC Armature Resistance	1.29	OHMS	+/- 15%
Armature Inductance	0.90	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