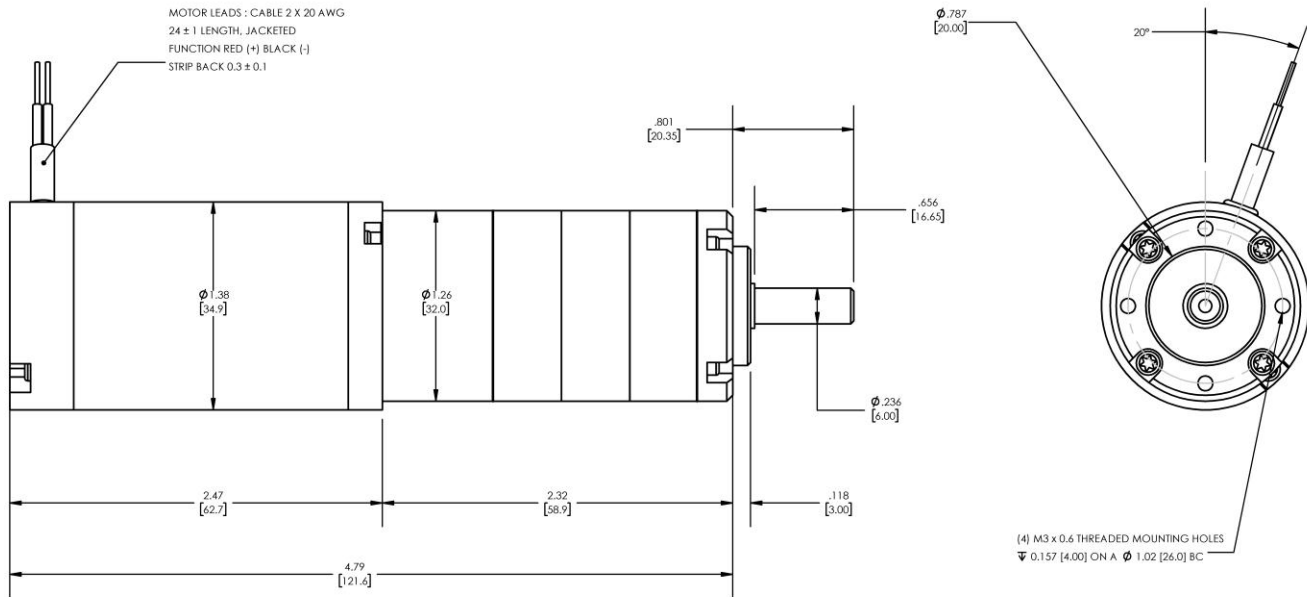


Model Number:
MMP S14-247G-24V GP32-169


DIMENSIONS ARE INCHES [MM] UNLESS OTHERWISE STATED

PLANETARY GEARMOTOR OUTPUT PARAMETERS:	VALUE	UNITS	TOLERANCE
Gearhead Ratio (exact)	168.84 : 1		
Gearhead Shaft Output Speed (at full-load)	24	RPM	MAX
Gearmotor Rated Continuous Torque	52	In-Lbs	MAX
Gearmotor Rated Peak Torque	80++	In-Lbs	----
Gearhead Standard Backlash	96	Arc Minutes	MAX
Gearhead Efficiency	70%	----	----
Output Shaft Radial Load Capacity	23	Lbs	MAX
Output Shaft Axial Load Capacity	7	Lbs	MAX
Gearmotor Total Weight	1.2	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	1.59	AMPERES	----
No-Load Speed	5714	RPM	MAX
Rated Speed	4000	RPM	+/- 15%
Rated Continuous Power Out	21	WATTS	+/- 15%
Rated Continuous Torque	7.0	OZ-IN	----
Peak Torque (motor only)	20	OZ-IN	----
No-Load Current	0.37	AMPERES	MAX
Back EMF Constant (Ke)	4.2	V/KRPM	+/- 10%
Torque Constant (Kt)	5.7	OZ-IN/AMP	+/- 10%
DC Armature Resistance	4.52	OHMS	+/- 15%
Armature Inductance	0.63	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

DESIGN, MANUFACTURING & DISTRIBUTION - MOTION CONTROL EQUIPMENT
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