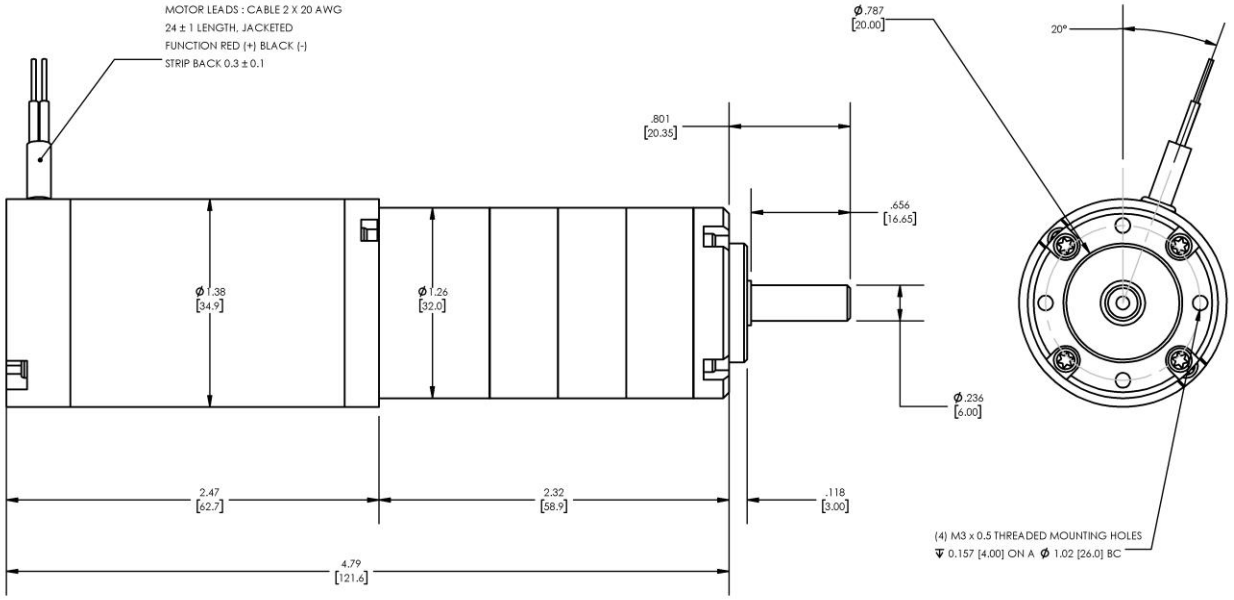
Model Number:

MMP S14-247H-36V GP32-130



DIMENSIONS ARE INCHES [MM] UNLESS OTHERWISE STATED

PLANETARY GEARMOTOR OUTPUT PARAMETERS:	VALUE	UNITS	TOLERANCE
Gearhead Ratio (exact)	129.62 : 1		
Gearhead Shaft Output Speed (at full-load)	40	RPM	MAX
Gearmotor Rated Continuous Torque	30	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	36	DC VOLTS	-----
Rated Continuous Current	1.1	AMPERES	-----
No-Load Speed	6923	RPM	MAX
Rated Speed	5125	RPM	+/- 15%
Rated Continuous Power Out	20	WATTS	+/- 15%
Rated Continuous Torque	5.3	OZ-IN	-----
Peak Torque (motor only)	19	OZ-IN	-----
No-Load Current	0.30	AMPERES	MAX
Back EMF Constant (Ke)	5.2	V/KRPM	+/- 10%
Torque Constant (Kt)	7.0	OZ-IN/AMP	+/- 10%
DC Armature Resistance	8.81	OHMS	+/- 15%
Armature Inductance	1.00	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