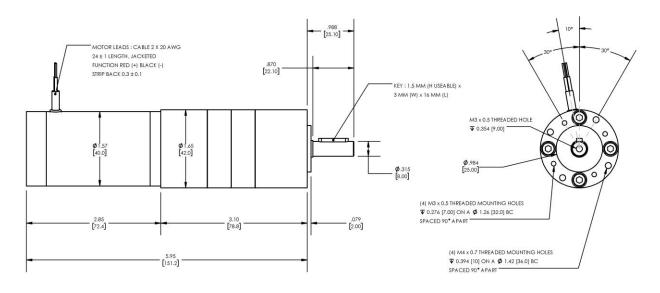


Model Number:

MMP TM40-285F-48V GP42-046



DIMENSIONS ARE INCHES [MM] UNLESS OTHERWISE STATED

PLANETARY GEARMOTOR OUTPUT PARAMETERS:	VALUE	UNITS	TOLERANCE
Gearhead Ratio (exact)	45.56 : 1		
Gearhead Shaft Output Speed (at full-load)	89	RPM	MAX
Gearmotor Rated Continuous Torque	15	In-Lbs	MAX
Gearmotor Rated Peak Torque	36++	In-Lbs	
Gearhead Standard Backlash	57	Arc Minutes	MAX
Gearhead Efficiency	75%		
Output Shaft Radial Load Capacity	52	Lbs	MAX
Output Shaft Axial Load Capacity	18	Lbs	MAX
Gearmotor Total Weight	1.6	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	48	DC VOLTS	
Rated Continuous Current	0.77	AMPERES	
No-Load Speed	6076	RPM	MAX
Rated Speed	4064	RPM	+/- 15%
Rated Continuous Power Out	21	WATTS	+/- 15%
Rated Continuous Torque	7.0	OZ-IN	
Peak Torque (motor only)	17	OZ-IN	
No-Load Current	0.11	AMPERES	MAX
Back EMF Constant (Ke)	7.9	V/KRPM	+/- 10%
Torque Constant (Kt)	10.7	OZ-IN/AMP	+/- 10%
DC Armature Resistance	20.59	OHMS	+/- 15%
Armature Inductance	9.74	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, INC

<u>DESIGN, MANUFACTURING & DISTRIBUTION - MOTION CONTROL EQUIPMENT</u>
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