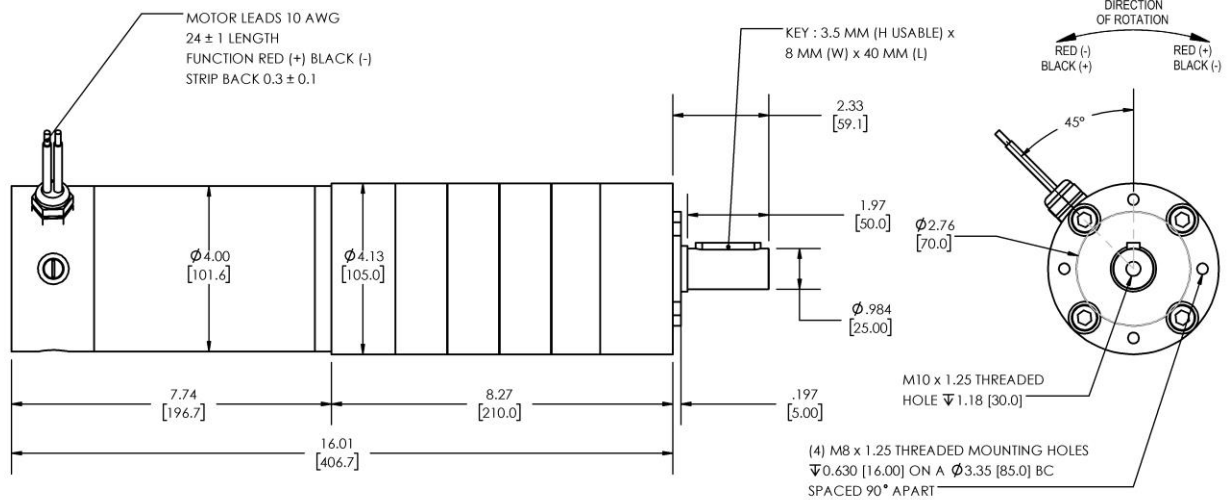


**Model Number:**  
**MMP S40-775F-60V GP105-1140**



DIMENSIONS ARE INCHES [MM] UNLESS OTHERWISE STATED

PLANETARY GEARMOTOR OUTPUT PARAMETERS:	VALUE	UNITS	TOLERANCE
Gearhead Ratio (exact)	1139.73 : 1		
Gearmotor Output Speed (at Cont. Torque)	3.3	RPM	+/- 15%
Gearmotor Rated Continuous Torque	3452	In-Lbs	MAX
Gearmotor Peak Torque Capacity	<b>3452++</b>	In-Lbs	MAX
Gearhead Standard Backlash	39	Arc Minutes	MAX
Gearhead Efficiency	65%	----	----
Output Shaft Radial Load Capacity	338	Lbs	MAX
Output Shaft Axial Load Capacity	68	Lbs	MAX
Gearmotor Total Weight	14.5	Lbs	MAX

**++ All Peak Torque values are dependent upon duty. Contact our sales office for details.**

DC MOTOR PERFORMANCE PARAMETERS:	VALUE	UNITS	TOLERANCE
Input DC Voltage	60	DC VOLTS	----
No-Load Current	1.66	AMPERES	MAX
No-Load Speed	3829	RPM	+/- 15%
Rated Continuous Torque	75	OZ-IN	MAX
Rated Continuous Current	5.2	AMPERES	MAX
Rated Speed (at Cont. Torque)	3810	RPM	+/- 15%
Rated Continuous Power Out	210	WATTS	+/- 15%
Peak Motor Torque	75	OZ-IN	MAX
Peak Motor Current	5.2	AMPERES	MAX
Back EMF Constant (Ke)	15.6	V/KRPM	+/- 10%
Torque Constant (Kt)	21.1	OZ-IN/AMP	+/- 10%
DC Armature Resistance	0.16	OHMS	+/- 15%
Armature Inductance	0.24	mH	+/- 15%
Number of Motor Poles	4	(-)	----
Armature temperature	155	DEG. C	MAX

NOTES:

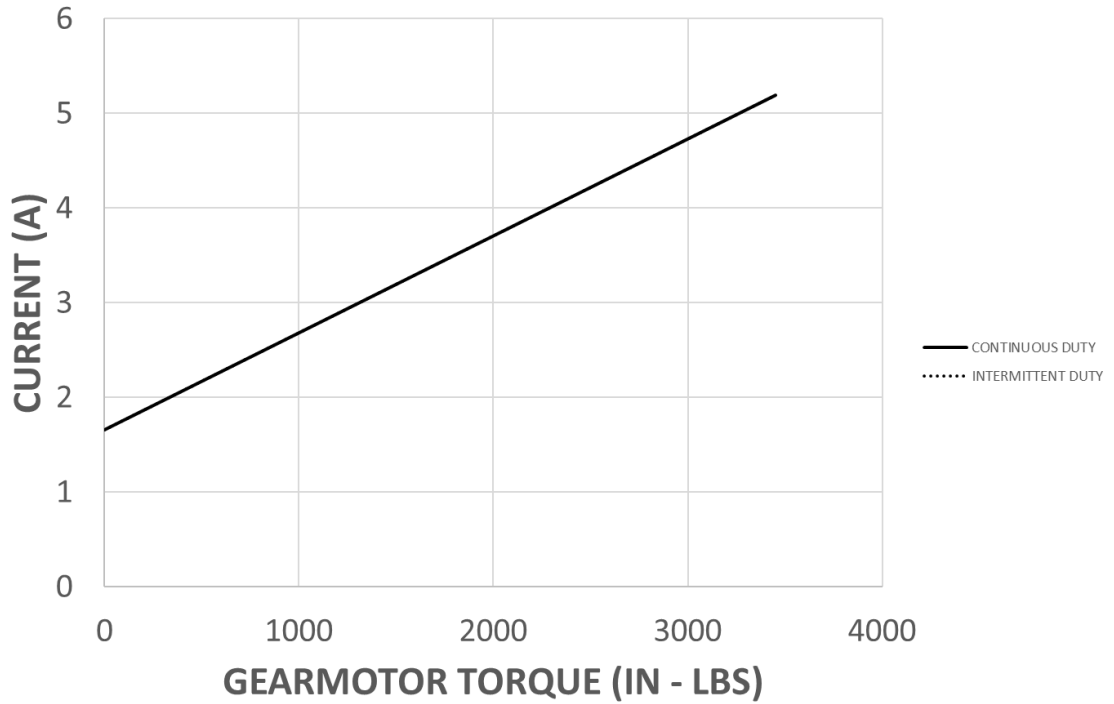
1. Rated speeds may drop as the motor temperature increases. Values are stated with the motor at 25 °C.
2. All Peak Torque values are dependent upon duty. Contact our sales office for details.

ENCODER & BRAKE OPTIONS AVAILABLE – [FOLLOW THIS LINK FOR DETAILS](#)

NEMA MOUNTING FLANGE OPTION AVAILABLE – [FOLLOW THIS LINK FOR DETAILS](#)

### GEARMOTOR CURRENT-TORQUE

MMP S40-775F-60V GP105-1140



### GEARMOTOR SPEED-TORQUE

MMP S40-775F-60V GP105-1140

