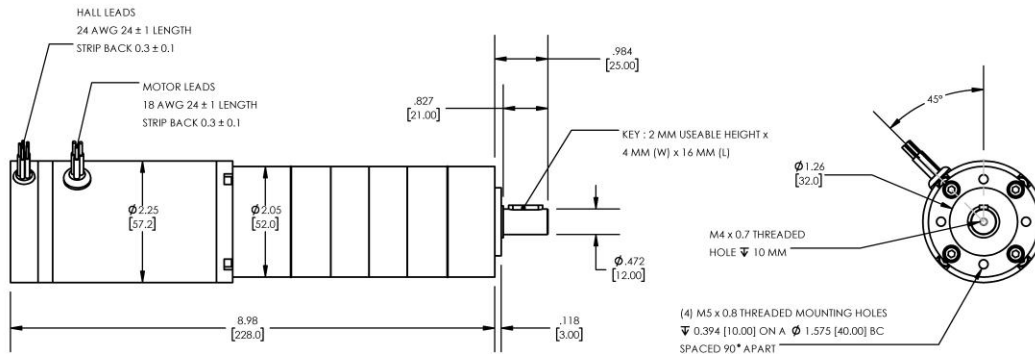
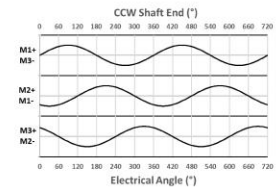
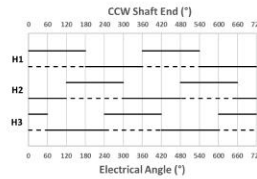


**Model Number:**
**MMP BL58-412F-48V GP52-1594**

MOTOR LEADS	
LEAD	COLOR
M1	RED
M2	BLACK
M3	WHITE

HALL LEADS	
LEAD	COLOR
H1	BLUE
H2	GREY
H3	VIOLET
VCC	RED
GND	BLACK



DIMENSIONS ARE INCHES [MM] UNLESS OTHERWISE STATED

<b>PLANETARY GEARMOTOR OUTPUT PARAMETERS:</b>	<b>VALUE</b>	<b>UNITS</b>	<b>TOLERANCE</b>
Gearhead Ratio (exact)	1593.65 : 1		
Gearhead Shaft Output Speed (at full-load)	3.8	RPM	MAX
Gearmotor Rated Continuous Torque	440	In-Lbs	MAX
Gearmotor Rated Peak Torque	<b>443++</b>	In-Lbs	----
Gearhead Standard Backlash	51	Arc Minutes	MAX
Gearhead Efficiency	65%	----	----
Output Shaft Radial Load Capacity	113	Lbs	MAX
Output Shaft Axial Load Capacity	45	Lbs	MAX
Gearmotor Total Weight	4.3	Lbs	MAX

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

<b>DC MOTOR PERFORMANCE PARAMETERS:</b>	<b>VALUE</b>	<b>UNITS</b>	<b>TOLERANCE</b>
Rated DC Voltage	48	DC VOLTS	----
Rated Continuous Current	1.10	AMPERES	----
No-Load Speed	6234	RPM	MAX
Rated Speed	6045	RPM	+/- 15%
Rated Continuous Power Out	31	WATTS	+/- 15%
Rated Continuous Torque	6.8	OZ-IN	----
Peak Torque (motor only)	253	OZ-IN	----
No-Load Current	0.45	AMPERES	MAX
Back EMF Constant (Ke)	7.7	V/KRPM	+/- 10%
Torque Constant (Kt)	10.4	OZ-IN/AMP	+/- 10%
DC Armature Resistance	1.32	OHMS	+/- 15%
Armature Inductance	0.93	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](#)

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