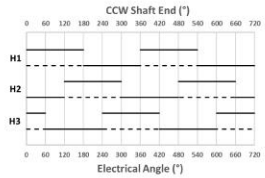
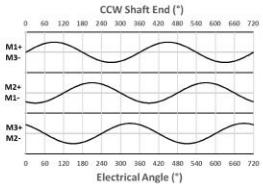
Model Number:

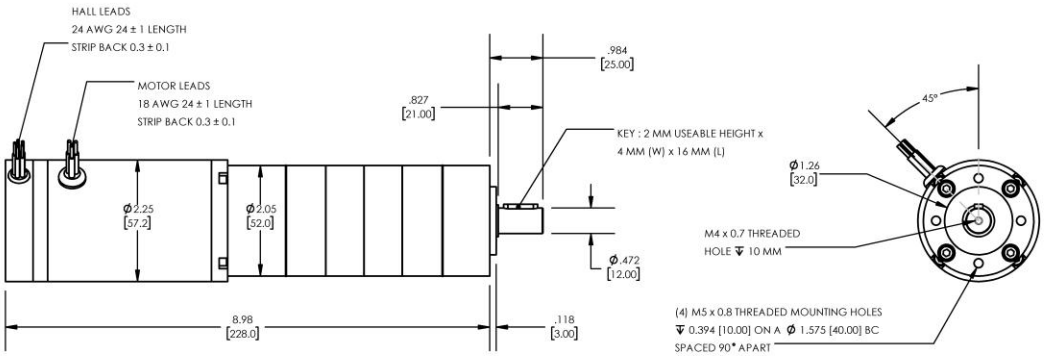
MMP BL58-412E-36V GP52-777

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

PLANETARY GEARMOTOR OUTPUT PARAMETERS:	VALUE	UNITS	TOLERANCE
Gearhead Ratio (exact)	776.76 : 1		
Gearhead Shaft Output Speed (at full-load)	6.9	RPM	MAX
Gearmotor Rated Continuous Torque	442	In-Lbs	MAX
Gearmotor Rated Peak Torque	443++	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.

DC MOTOR PERFORMANCE PARAMETERS:	VALUE	UNITS	TOLERANCE
Rated DC Voltage	36	DC VOLTS	-----
Rated Continuous Current	2.16	AMPERES	-----
No-Load Speed	5625	RPM	MAX
Rated Speed	5342	RPM	+/- 15%
Rated Continuous Power Out	55	WATTS	+/- 15%
Rated Continuous Torque	14	OZ-IN	-----
Peak Torque (motor only)	248	OZ-IN	-----
No-Load Current	0.54	AMPERES	MAX
Back EMF Constant (Ke)	6.4	V/KRPM	+/- 10%
Torque Constant (Kt)	8.7	OZ-IN/AMP	+/- 10%
DC Armature Resistance	0.84	OHMS	+/- 15%
Armature Inductance	0.67	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