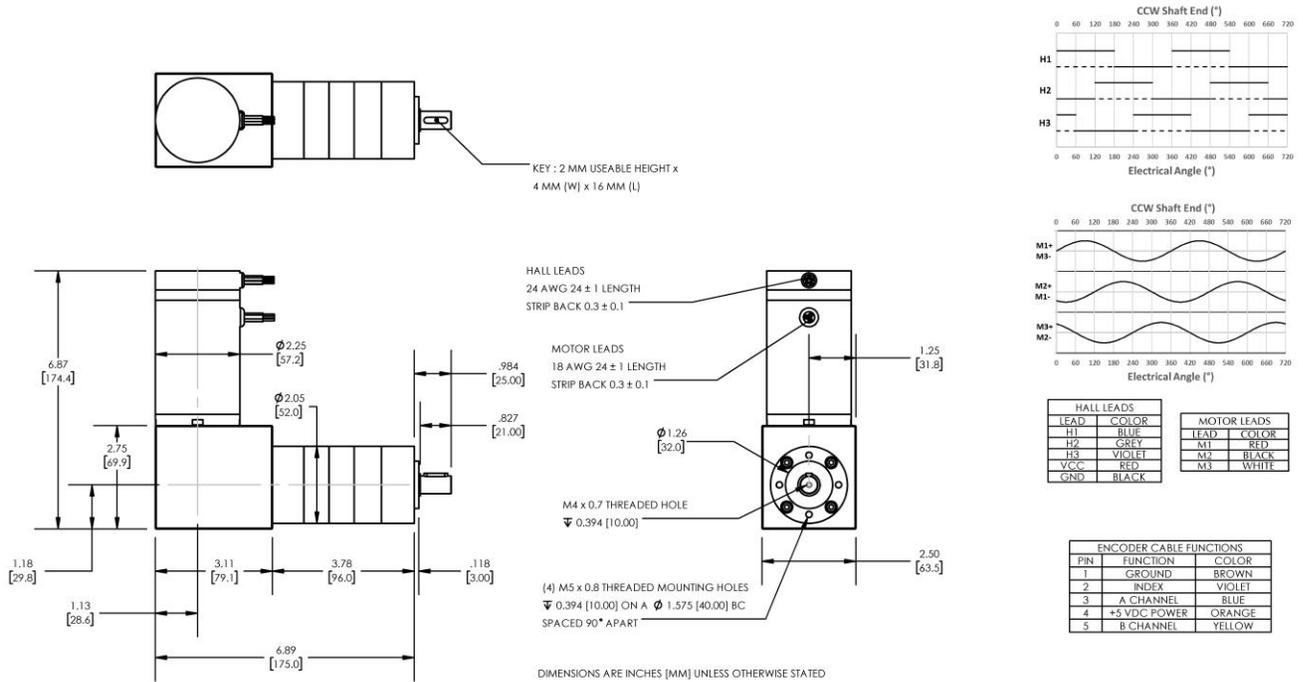


**Model Number:**

## MMP BL58-412K-90V GRA52-777



### PLANETARY GEARMOTOR OUTPUT PARAMETERS:

	VALUE	UNITS	TOLERANCE
Gearhead Ratio (exact)	776.76 : 1		
Gearhead Shaft Output Speed (at full-load)	5.3	RPM	MAX
Gearmotor Rated Continuous Torque	442	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	6.1	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	90	DC VOLTS	----
Rated Continuous Current	0.69	AMPERES	----
No-Load Speed	4478	RPM	MAX
Rated Speed	4129	RPM	+/- 15%
Rated Continuous Power Out	43	WATTS	+/- 15%
Rated Continuous Torque	14	OZ-IN	----
Peak Torque (motor only)	160	OZ-IN	----
No-Load Current	0.17	AMPERES	MAX
Back EMF Constant (Ke)	20.1	V/KRPM	+/- 10%
Torque Constant (Kt)	27.2	OZ-IN/AMP	+/- 10%
DC Armature Resistance	10.22	OHMS	+/- 15%
Armature Inductance	6.32	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](#)