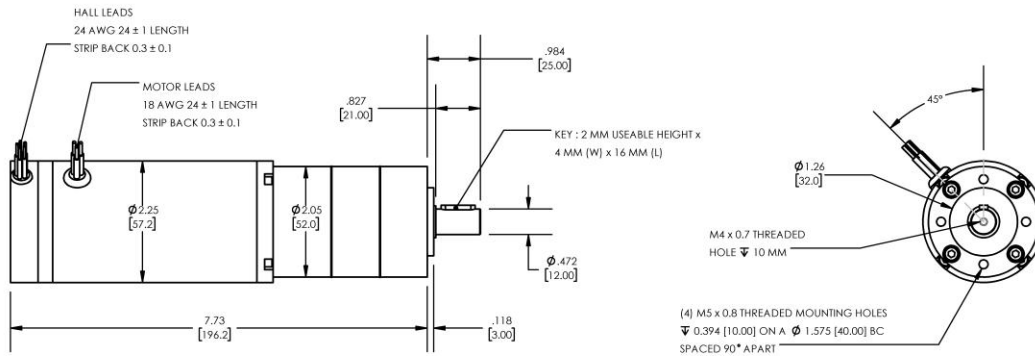


**Model Number:****MMP BL58-487C-24V GP52-03.7**

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)	3.70 : 1		
Gearhead Shaft Output Speed (at full-load)	994	RPM	MAX
Gearmotor Rated Continuous Torque	21	In-Lbs	MAX
Gearmotor Rated Peak Torque	62++	In-Lbs	----
Gearhead Standard Backlash	42	Arc Minutes	MAX
Gearhead Efficiency	80%	----	----
Output Shaft Radial Load Capacity	45	Lbs	MAX
Output Shaft Axial Load Capacity	14	Lbs	MAX
Gearmotor Total Weight	3.8	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	24	DC VOLTS	----
Rated Continuous Current	17.5	AMPERES	----
No-Load Speed	4800	RPM	MAX
Rated Speed	3677	RPM	+/- 15%
Rated Continuous Power Out	307	WATTS	+/- 15%
Rated Continuous Torque	113	OZ-IN	----
Peak Torque (motor only)	337	OZ-IN	----
No-Load Current	0.81	AMPERES	MAX
Back EMF Constant (Ke)	5.0	V/KRPM	+/- 10%
Torque Constant (Kt)	6.8	OZ-IN/AMP	+/- 10%
DC Armature Resistance	0.32	OHMS	+/- 15%
Armature Inductance	0.24	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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