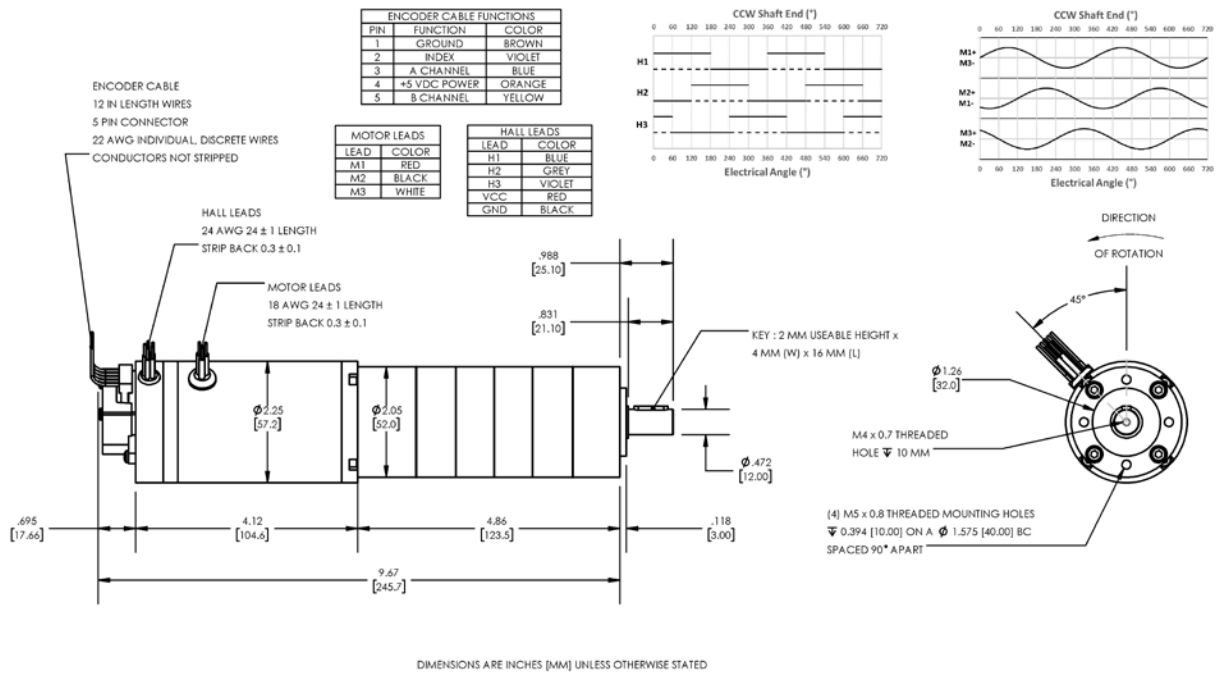


Model Number:

MMP BL58-412F-48V GP52-408 EU-1024



PLANETARY GEARMOTOR OUTPUT PARAMETERS:	VALUE	UNITS	TOLERANCE
Gearhead Ratio (exact)	407.89 : 1		
Gearhead Shaft Output Speed (at full-load)	14	RPM	MAX
Gearmotor Rated Continuous Torque	443	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	4.55	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	48	DC VOLTS	-----
Rated Continuous Current	3.0	AMPERES	-----
No-Load Speed	6157	RPM	+/- 15%
Rated Speed	5714	RPM	+/- 15%
Rated Continuous Power Out	113	WATTS	+/- 15%
Rated Continuous Torque	27	OZ-IN	-----
Peak Torque (motor only)	253	OZ-IN	-----
No-Load Current	0.45	AMPERES	10%
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](#)

MIDWEST MOTION PRODUCTS, INC

DESIGN, MANUFACTURING & DISTRIBUTION - MOTION CONTROL EQUIPMENT

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