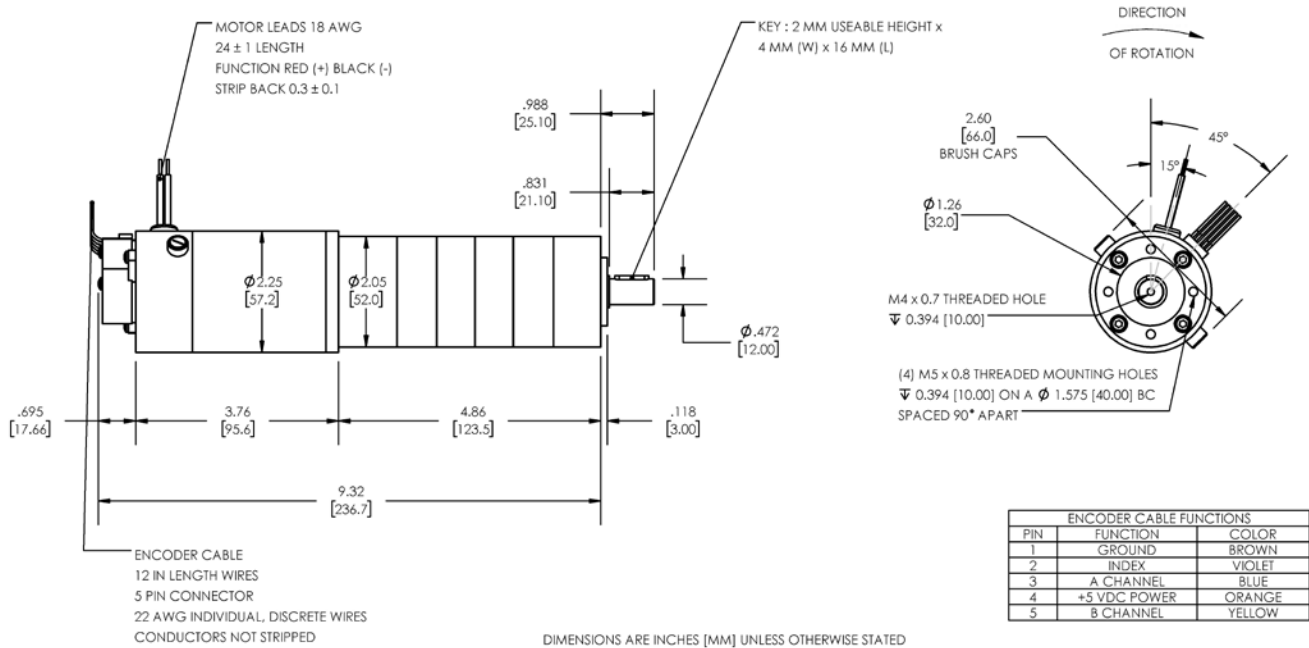


Model Number:

MMP D22-376B-12V GP52-408 EU-1024



PLANETARY GEARMOTOR OUTPUT PARAMETERS:	VALUE	UNITS	TOLERANCE
Gearhead Ratio (exact)	407.89 : 1		
Gearhead Shaft Output Speed (at full-load)	6.9	RPM	MAX
Gearmotor Rated Continuous Torque	402	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	4.95	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	12	DC VOLTS	----
Rated Continuous Current	7.9	AMPERES	----
No-Load Speed	4211	RPM	+/- 15%
Rated Speed	2832	RPM	+/- 15%
Rated Continuous Power Out	51	WATTS	+/- 15%
Rated Continuous Torque	24	OZ-IN	----
Peak Torque (motor only)	52	OZ-IN	----
No-Load Current	1.14	AMPERES	10%
Back EMF Constant (Ke)	2.7	V/KRPM	+/- 10%
Torque Constant (Kt)	3.6	OZ-IN/AMP	+/- 10%
DC Armature Resistance	0.55	OHMS	+/- 15%
Armature Inductance	0.34	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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