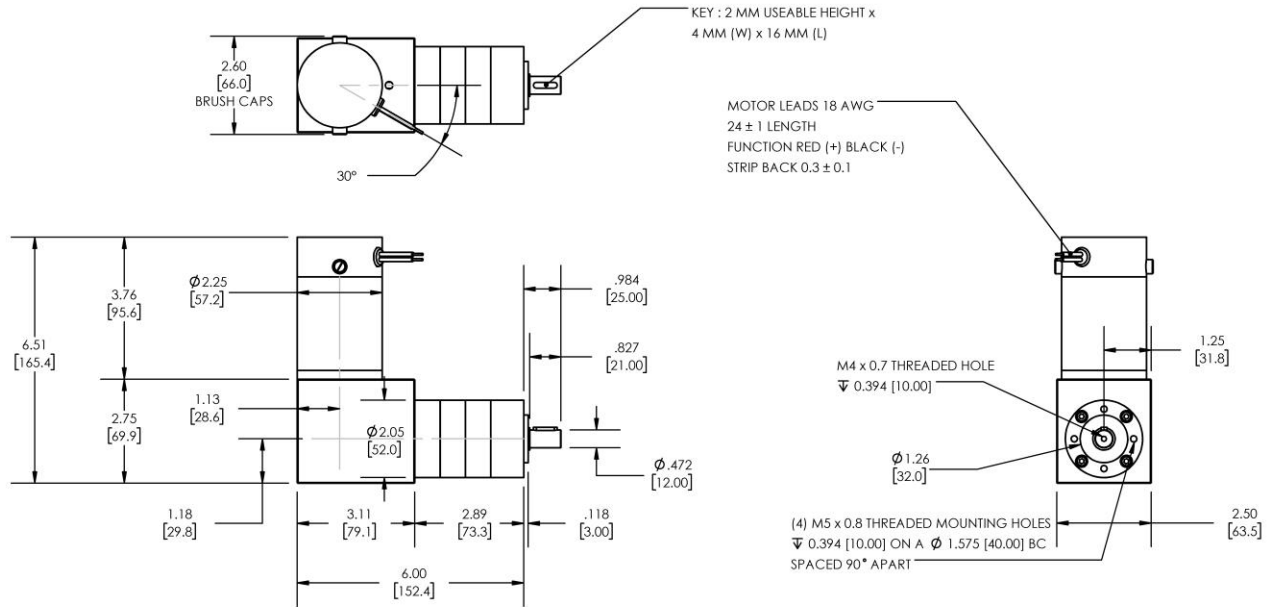


**Model Number:**

**MMP D22-376E-36V GRA52-115**



DIMENSIONS ARE INCHES [MM] UNLESS OTHERWISE STATED

PLANETARY GERMOTOR OUTPUT PARAMETERS:	VALUE	UNITS	TOLERA
Gearhead Ratio (exact)	115.07 : 1		
Gearhead Shaft Output Speed (at full-load)	43	RPM	MAX
Germotor Rated Continuous Torque	176	In-Lbs	MAX
Germotor Rated Peak Torque	<b>443++</b>	In-Lbs	----
Gearhead Standard Backlash	48	Arc Minutes	MAX
Gearhead Efficiency	70%	----	----
Output Shaft Radial Load Capacity	102	Lbs	MAX
Output Shaft Axial Load Capacity	34	Lbs	MAX
Germotor 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	TOLERA
Rated DC Voltage	36	DC VOLTS	----
Rated Continuous Current	5.3	AMPERES	----
No-Load Speed	6378	RPM	MAX
Rated Speed	4935	RPM	+/- 15'
Rated Continuous Power Out	129	WATTS	+/- 15'
Rated Continuous Torque	35	OZ-IN	----
Peak Torque (motor only)	107	OZ-IN	----
No-Load Current	0.55	AMPERES	MAX
Back EMF Constant (Ke)	5.5	V/KRPM	+/- 10'
Torque Constant (Kt)	7.4	OZ-IN/AMP	+/- 10'
DC Armature Resistance	1.66	OHMS	+/- 15'
Armature Inductance	1.34	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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