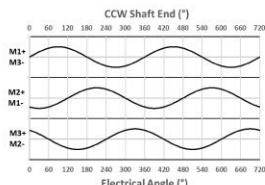
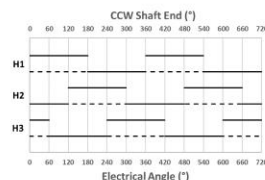




MMP BL58-487F-48V GRA52-04.3



HALL LEADS	
LEAD	COLOR
H1	BLUE
H2	GREY
H3	VIOLET
VCC	RED
GND	BLACK

PIN	FUNCTION	COLOR
1	GROUND	BROWN
2	INDEX	VIOLET
3	A CHANNEL	BLUE
4	+5 VDC POWER	ORANGE
5	B CHANNEL	YELLOW

DIMENSIONS ARE INCHES [MM] UNLESS OTHERWISE STATED

PLANETARY GEARMOTOR OUTPUT PARAMETERS:	VALUE	UNITS	TOLERANCE
Gearhead Ratio (exact)	4.28 : 1		
Gearhead Shaft Output Speed (at full-load)	905	RPM	MAX
Gearmotor Rated Continuous Torque	24	In-Lbs	MAX
Gearmotor Rated Peak Torque	71++	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	5.5	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	8.8	AMPERES	----
No-Load Speed	4800	RPM	MAX
Rated Speed	3873	RPM	+/- 15%
Rated Continuous Power Out	325	WATTS	+/- 15%
Rated Continuous Torque	114	OZ-IN	----
Peak Torque (motor only)	411	OZ-IN	----
No-Load Current	0.41	AMPERES	MAX
Back EMF Constant (Ke)	10.0	V/KRPM	+/- 10%
Torque Constant (Kt)	13.5	OZ-IN/AMP	+/- 10%
DC Armature Resistance	1.05	OHMS	+/- 15%
Armature Inductance	0.93	mH	+/- 15%
Armature temperature	155	DEG. C	MAX

- 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

www.midwestmotion.com

email: sales@midwestmotion.com