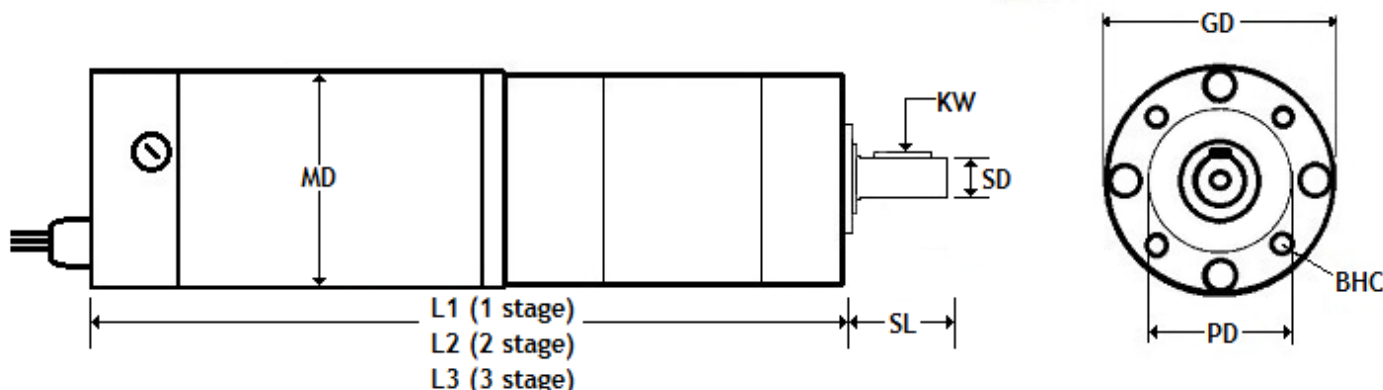**MMP**

Model Number: MMP TM57-48V GP52-029
Date: 20, July 2010 Prepared for: Production

Note: Shielded, Jacketed Leadwires, 12" Long, exit the Rear End Cap through a "Seal-Tight" Connector

DIMENSIONS: (Note: Center of output shaft contains an M-4 threaded hole)

MD = 2.25" (57mm)	SL = 25mm (usable shaft length = 21mm)
L2 = 7.23" (184mm)	GD = 2.047 (52mm)
KW = 2H x 4W x 16 mm long	PD = 32mm, pilot length = 3mm
SD = 12mm	BHC (dia) = M5 x 10mm deep (4 ea) on a 40mmØ BC

DC MOTOR PERFORMANCE PARAMETERS:	VALUE	UNITS	TOLERANCE
Rated DC Voltage	48.0	DC VOLTS	-----
Rated Continuous Current	1.9	AMPERES	-----
No-Load Speed	5000	RPM	MAX
Rated Speed	4400	RPM	+/- 15%
Rated Continuous Power out	81	WATTS	+/- 15%
Rated Continuous Torque	25.0	OZ-IN	-----
Peak Torque (motor only)	130	OZ-IN	-----
No-Load Current	0.31	AMPERES	MAX
Back EMF Constant (Ke)	9.6	V/KRPM	+/- 10%
Torque Constant (Kt)	13	OZ-IN/AMP	+/- 10%
DC Armature Resistance (@1.5 amps)	2.7	OHMS	+/- 15%
Armature temperature	155	DEG. C	MAX
PLANETARY GEARMOTOR OUTPUT PARAMETERS:	VALUE	UNITS	TOLERANCE
Gearhead Ratio (exact)	28.93 : 1		
Gearmotor Rated Continuous Torque	34	IN-LBS	MAX
Gearmotor Rated Peak Torque	212++	IN-LBS	MAX
Gearhead Shaft Output Speed (at full-load)	152	RPM	-----
Gearhead Standard Backlash	45	ARC MINUTES	MAX
Gearhead Efficiency	75%	-----	-----
Gearmotor Total Weight	64.7	OZ	MAX

++ All Peak Torque Values are dependent upon duty. Kindly consult our Sales Offices for details.

THIS ROBUST, TENV DESIGN WITH 'TRUE PLANETARY GEARING' IS OFFERED BY:

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