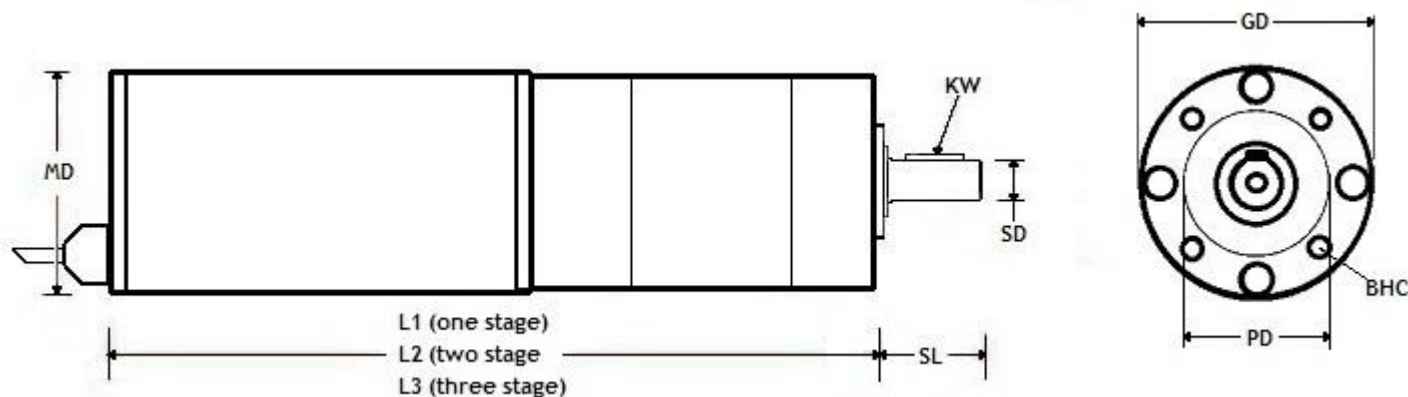




Date: 05 Jan, 2010 Prepared for: Production
Model Number: **MMP TM55-48V GP52-124**



Note: Twin Jacketed Leadwires, 11" Long, exit the Rear End Cap through a "Seal-Tight" Connector

DIMENSIONS:

MD=2.17" (55mm)

L3 = 7.75" (197mm)

KW = 2H x 4W x 16 mm long

SD = 12mm

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

SL= 25mm (usable shaft length = 21mm)

GD = 2.047 (52mm)

PD = 32mm, pilot length = 3mm

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	1.8	AMPERES	-----
No-Load Speed	5000	RPM	MAX
Rated Speed	4400	RPM	+/- 15%
Rated Continuous Power out	75	WATTS	+/- 15%
Rated Continuous Torque	23.0	OZ-IN	-----
Peak Torque (motor only)	120	OZ-IN	-----
No-Load Current	0.30	AMPERES	MAX
Back EMF Constant (Ke)	9.6	V/KRPM	+/- 10%
Torque Constant (Kt)	13.0	OZ-IN/AMP	+/- 10%
DC Armature Resistance (@1.5 amps)	2.80	OHMS	+/- 15%
Armature temperature	155	DEG. C	MAX

PLANETARY GEARMOTOR OUTPUT PARAMETERS:

	VALUE	UNITS	TOLERANCE
Gearhead Ratio	124 : 1		
Gearmotor Rated Continuous Torque	125	IN-LBS	MAX
Gearmotor Rated Peak Torque	443++	IN-LBS	MAX
Gearhead Shaft Output Speed (at full-load)	35	RPM	-----
Gearhead Standard Backlash	48	ARC MINUTES	MAX
Gearhead Efficiency	70%	-----	-----
Gearmotor Total Weight	54	OZ	MAX

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

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