

**STANDARD PRODUCT**

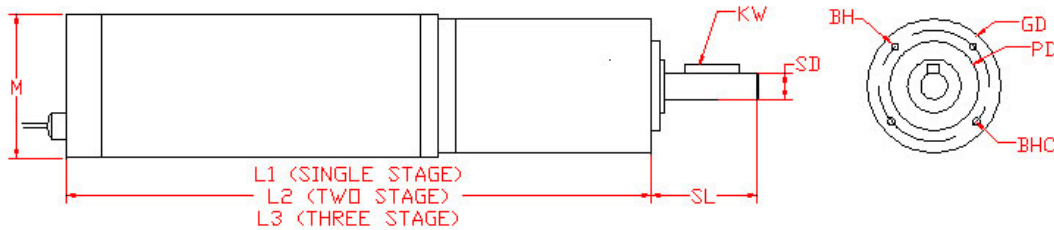


**Date:** 07/19/2007

**Prepared for:** Production

**Customer:** TBD

**Model Number:** MMP TM55-24 GP52-124



**TWIN JACKETED LEADWIRES, 11" LONG, EXIT THE REAR END CAP THROUGH A "SEAL TITE" CONNECTOR**

**Dimensions:**

Note: The Center of the Output Shaft contains an M-4 Threaded Hole, 20mm deep

**M= 2.13" (54mm)**  
**L (3) =7.75" (197mm)**  
**KW= 4x4x16 mm**  
**SD= 12 mm**

**SL= 25mm**  
**GD= 2.047" (52mm)**  
**BD= 32mm, Pilot Length = 3mm**  
**BHC(dia.)=M5x10mm dp(4ea) 40mm BCD**

<b>DC MOTOR PERFORMANCE PARAMETERS</b>	<b>Value</b>	<b>Units</b>	<b>Tolerance</b>
RATED VOLTAGE D.C.	24.0	VOLTS	----
RATED CONTINUOUS CURRENT	3.8	AMPERE	----
RATED CONTINUOUS TORQUE	23.0	OZ - IN	----
RATED SPEED	4600	RPM	+/- 15%
RATED CONTINUOUS POWER OUT	78	WATTS	+/- 15%
NO LOAD SPEED	5000	RPM	MAX
NO LOAD CURRENT	0.62	AMPS	MAX
BACK EMF CONSTANT	4.8	V/KRPM	+/- 10%
TORQUE CONSTANT	6.5	OZ -IN / A	+/- 10%
DC ARMATURE RESISTANCE AT 1.5 AMPS	0.90	OHMS	+/- 15%
ARMATURE TEMP	155	DEGR. C	MAX
PEAK TORQUE (motor-only)	120	OZ - IN	----
<b>GEARMOTOR OUTPUT PARAMETERS:</b>			
GEARBOX RATIO	124:1		
GEAR MOTOR RATED CONTINUOUS TORQUE	125.0	LB-IN.	MAX
GEAR MOTOR RATED PEAK TORQUE	444 ++	LB-IN.	MAX
GEARBOX SHAFT OUTPUT SPEED (@ F.L.)	37	RPM	----
GEARBOX STANDARD BACKLASH	48	Arc Min.	MAX
GEARBOX EFFICIENCY	70%		
GEARMOTOR TOTAL WEIGHT	48	OUNCES	MAX

**NOTE: TENV DESIGN; MEETS IP-54 STANDARD ~ TRUE PLANETARY GEARING ~ BALL BEARINGS**

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

**MIDWEST MOTION PRODUCTS**

**Design, Manufacturing & Distribution – Motion Control Equipment**

10761 Ahern Avenue S. E. Watertown, MN. 55388

Phone: 952-955-2626 Fax: 480-247-4096

www.midwestmotion.com

email: randy@midwestmotion.com