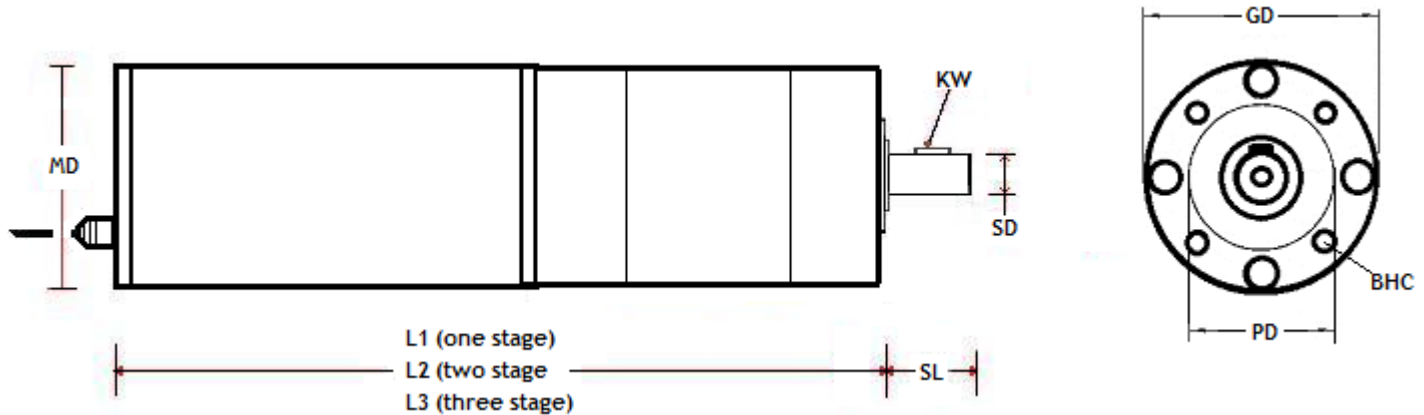




Date: 03 Dec, 2009 Prepared for: Production
 Model Number: MMP TM55-12V GPK52-046-LS



DIMENSIONS:

MD=2.17" (55mm)
 L2 = 7.20" (183mm)
 KW = 1/8" x 1/8" x 0.810" long
 SD = 0.500"; +0, -0.0005"

(Note: Center of output shaft contains an M-4 threaded hole)
 SL= 1.5"
 GD = 2.047 (52mm)
 PD = 32mm, pilot length = 3mm
 BHC (dia.) = M5 x 10mm deep (4 ea.) on a 40mm BCD

DC MOTOR PERFORMANCE PARAMETERS:	VALUE	UNITS	TOLERANCE
Rated DC Voltage	12.0	DC VOLTS	-----
Rated Continuous Current	7.5	AMPERES	-----
No-Load Speed	5000	RPM	MAX
Rated Speed	4600	RPM	+/- 15%
Rated Continuous Power Out	78	WATTS	+/- 15%
Rated Continuous Torque	23.0	OZ-IN	-----
Peak Torque (motor only)	120	OZ-IN	-----
No-Load Current	1.25	AMPERES	MAX
Back EMF Constant (Ke)	2.4	V/KRPM	+/- 10%
Torque Constant (Kt)	3.2	OZ-IN/AMP	+/- 10%
DC Armature Resistance (@1.5 amps)	0.43	OHMS	+/- 15%
Armature temperature	155	DEG. C	MAX
PLANETARY GEARMOTOR OUTPUT PARAMETERS:	VALUE	UNITS	TOLERANCE
Gearhead Ratio	46 : 1		
Gearmotor Rated Continuous Torque	46	IN-LBS	MAX
Gearmotor Rated Peak Torque	89++	IN-LBS	MAX
Gearhead Shaft Output Speed (at full-load)	100	RPM	-----
Gearhead Standard Backlash	69	ARC MINUTES	MAX
Gearhead Efficiency	70%	-----	-----
Gearmotor Total Weight	48	OZ	MAX

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



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