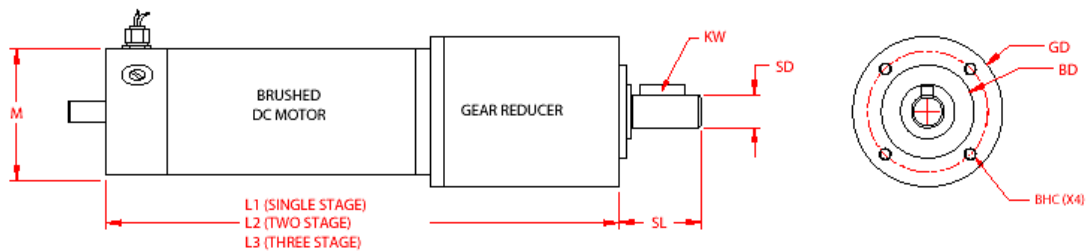


Date: 10/18/2005

Prepared for: Production

Customer: TBD

Model Number: MMP S28-150C-24V GP81-035



NOTE: THE REAR SHAFT EXTENSION PICTURED IS INCLUDED
(Dimensions; 3/8" Dia by 0.700 Long) Encoders Available from Stock

Dimensions:

M= 2.75" (70mm)
L (2) =8.5" (216mm)
KW= 6x6x28 mm
SD= 0.748" (19mm)

SL= 1.575" (40mm)
GD= 3.2" (81mm)
BD= 1.97" (50mm)
BHC (dia.)=M6x12mm dp (4ea) on a 65mm BCD

MOTOR PERFORMANCE PARAMETERS	Value	Units	Tolerance
RATED VOLTAGE D.C.	24.0	VOLTS	----
RATED CONTINUOUS CURRENT	13.4	AMPERE	----
RATED CONTINUOUS TORQUE	110	OZ - IN	----
RATED SPEED	3500	RPM	+/- 15%
RATED CONTINUOUS POWER OUT	285	WATTS	+/- 15%
NO LOAD SPEED	3800	RPM	MAX
NO LOAD CURRENT	0.79	AMPS	MAX
BACK EMF CONSTANT	6.1	V/KRPM	+/- 10%
TORQUE CONSTANT	8.2	OZ -IN / A	+/- 10%
DC ARMATURE RESISTANCE AT 1.5 AMPS	0.3	OHMS	+/- 15%
ARMATURE TEMP	155	DEGR. C	MAX
PEAK TORQUE (motor-only)	1100	OZ - IN	----
GEARMOTOR OUPUT PARAMETERS:			
PLANETARY GEARBOX RATIO	35:1		
GEAR MOTOR RATED CONTINUOUS TORQUE	180	LB-IN	MAX
GEAR BOX PEAK TORQUE CAPACITY	800	LB-IN	MAX
GEARBOX SHAFT OUTPUT SPEED (@ F.L.)	100	RPM	----
GEARBOX STANDARD BACKLASH	30	ARC MIN.	MAX
GEARBOX EFFICIENCY	75%		
GEARMOTOR TOTAL WEIGHT	9.0	POUNDS	MAX

- THE MOTOR IS A 4 POLE DESIGN, WITH NEO-DYMIUM IRON-BORON MAGNETS FOR HIGH OUTPUT TORQUE
- THE GEARBOX IS A TRUE PLANETARY DESIGN - Totally Enclosed, Non Ventilated (TENV) Gearmotor, Meets IP 54 Std

Design, Manufacturing & Distribution — Motion Control Equipment

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