

STANDARD PRODUCT

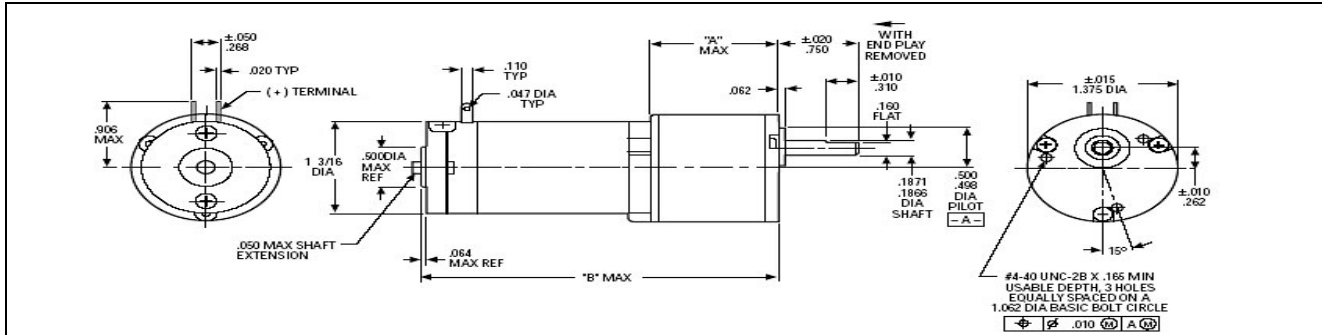


Date: 08/06/2008

Prepared for: Production

Planetary Gearmotor

Model Number: MMP G13-12V GS-60.5



DC MOTOR PERFORMANCE PARAMETERS	Value	Units	Tolerance
RATED VOLTAGE D.C.	@12.0	VOLTS	----
RATED CONTINUOUS CURRENT	0.80	AMPERE	----
RATED CONTINUOUS TORQUE	1.5	OZ - IN	----
RATED SPEED	5200	RPM	+/- 15%
RATED CONTINUOUS POWER OUT	6	WATTS	+/- 15%
NO LOAD SPEED	6000	RPM	MAX
NO LOAD CURRENT	0.20	AMPS	MAX
BACK EMF CONSTANT (Ke)	2.0	V/KRPM	+/- 10%
TORQUE CONSTANT (Kt)	2.7	OZ - IN / A	+/- 10%
DC ARMATURE RESISTANCE AT 1.5 AMPS	7.3	OHMS	+/- 15%
ARMATURE TEMP	130	DEGR. C	MAX
PEAK TORQUE (motor-only)	34	OZ - IN	----
PLANETARY GEARMOTOR OUTPUT PARAMETERS:			
GEARHEAD RATIO	60.5 : 1		
GEAR MOTOR RATED CONTINUOUS TORQUE	66	OZ-IN.	MAX
GEAR MOTOR RATED PEAK TORQUE	100++	OZ-IN.	MAX
GEARHEAD SHAFT OUTPUT SPEED (@ F.L.)	86	RPM	----
GEARMOTOR TOTAL LENGTH ("B" DIMENSION)	2.794	INCH	MAX
GEARHEAD EFFICIENCY	72%		
GEARMOTOR TOTAL WEIGHT	10	OUNCES	MAX

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

MIDWEST MOTION PRODUCTS

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