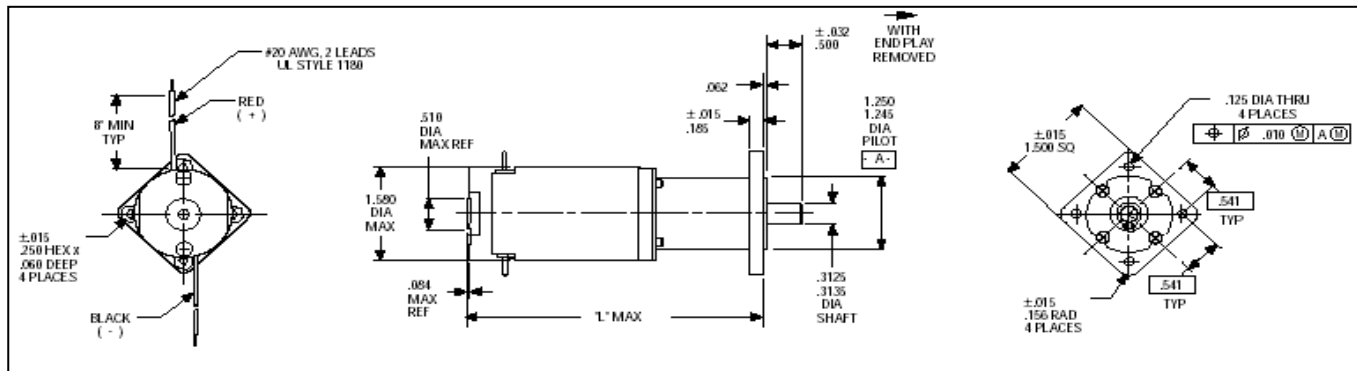


Date: 08/06/2008

Prepared for: Production

Planetary Gearmotor

Model Number: MMP G15-12V GT-100



DC MOTOR PERFORMANCE PARAMETERS	Value	Units	Tolerance
RATED VOLTAGE D.C.	12.0	VOLTS	----
RATED CONTINUOUS CURRENT	1.36	AMPERE	----
RATED CONTINUOUS TORQUE	4.0	OZ - IN	----
RATED SPEED	4500	RPM	+/- 15%
RATED CONTINUOUS POWER OUT	22	WATTS	+/- 15%
NO LOAD SPEED	5400	RPM	MAX
NO LOAD CURRENT	0.35	AMPS	MAX
BACK EMF CONSTANT (Ke)	2.19	V/KRPM	+/- 10%
TORQUE CONSTANT (Kt)	2.95	OZ - IN / A	+/- 10%
DC ARMATURE RESISTANCE AT 1.5 AMPS	2.00	OHMS	+/- 15%
ARMATURE TEMP	155	DEGR. C	MAX
PEAK TORQUE (motor)	30	OZ - IN	----
PLANETARY GEARMOTOR OUTPUT PARAMETERS:			
PLANETARY GEARHEAD RATIO	100:1		
GEARHEAD RATED CONTINUOUS TORQUE	22.0	IN-LBS	MAX
GEARHEAD RATED PEAK TORQUE	78.0	IN-LBS	MAX
GEARHEAD SHAFT NL OUTPUT SPEED	48	RPM	----
GEARMOTOR TOTAL LENGTH ("L" DIMENSION)	4.468	INCHES	MAX
GEARHEAD EFFICIENCY	69	%	
GEARMOTOR TOTAL WEIGHT	16	OUNCES	MAX

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

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