



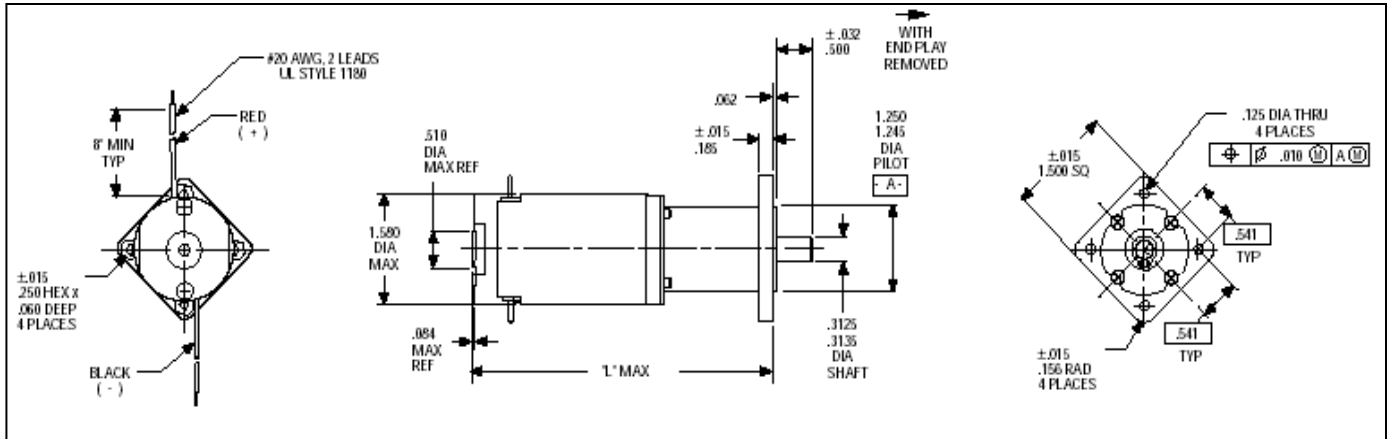
STANDARD PRODUCT

Date: 08/13/2008

Prepared for: Production

Planetary Gearmotor

Model Number: MMP G15-24V GT-180



DC MOTOR PERFORMANCE PARAMETERS	Value	Units	Tolerance
RATED VOLTAGE D.C.	24.0	VOLTS	----
RATED CONTINUOUS CURRENT	0.80	AMPERE	----
RATED CONTINUOUS TORQUE	6.0	OZ - IN	----
RATED SPEED	5000	RPM	+/- 15%
RATED CONTINUOUS POWER OUT	17	WATTS	+/- 15%
NO LOAD SPEED	5300	RPM	MAX
NO LOAD CURRENT	0.17	AMPS	MAX
BACK EMF CONSTANT (Ke)	4.5	V/KRPM	+/- 10%
TORQUE CONSTANT (Kt)	6.1	OZ -IN / A	+/- 10%
DC ARMATURE RESISTANCE AT 1.5 AMPS	6.6	OHMS	+/- 15%
ARMATURE TEMP	155	DEGR. C	MAX
PEAK TORQUE (motor)	30	OZ - IN	----
PLANETARY GEARMOTOR OUTPUT PARAMETERS:			
PLANETARY GEARHEAD RATIO	180:1		
GEARHEAD RATED CONTINUOUS TORQUE	35.0	LB - IN	MAX
GEARHEAD RATED PEAK TORQUE	78.0	LB - IN	MAX
GEARHEAD SHAFT OUTPUT SPEED (@ F.L.)	28	RPM	----
GEARMOTOR TOTAL LENGTH ("L" DIMENSION)	4.4	INCHES	MAX
GEARHEAD EFFICIENCY	52	%	
GEARMOTOR TOTAL WEIGHT	16	OUNCES	MAX

MIDWEST MOTION PRODUCTS

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