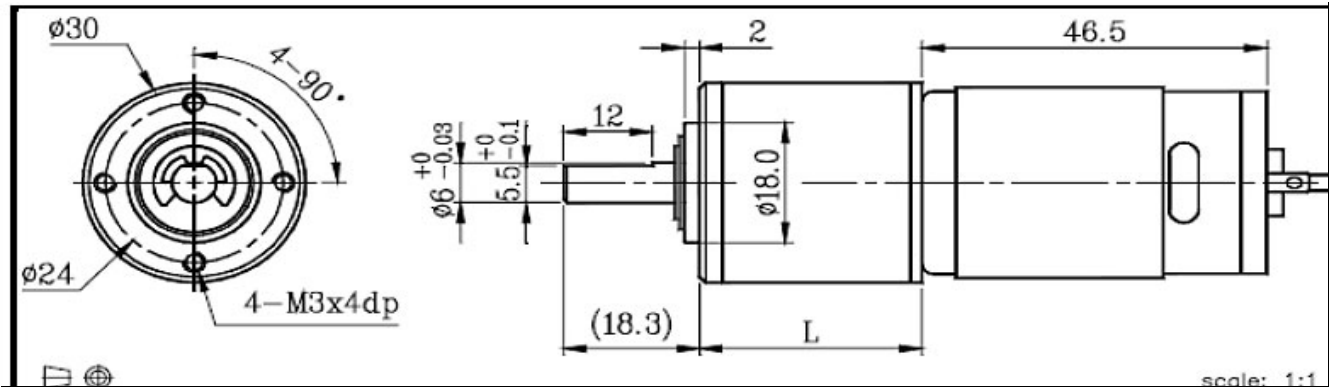




Date: 08/04/2008 **Prepared for:** Production
Planetary Gearmotor **Model Number:** MMP TM30-12V GP-051



DC MOTOR PERFORMANCE PARAMETERS:	Value	Units	Tolerance
RATED VOLTAGE D.C.	12.0	VOLTS	----
RATED CONTINUOUS CURRENT	0.90	AMPERE	----
RATED CONTINUOUS MOTOR TORQUE	2.0	OZ IN.	----
RATED SPEED	6000	RPM	+/- 15%
RATED CONTINUOUS POWER OUT	9.0	WATTS	+/- 15%
NO LOAD SPEED	7300	RPM	MAX
NO LOAD CURRENT	0.100	AMPS	MAX
BACK EMF CONSTANT (Ke)	1.6	V/KRPM	+/- 10%
TORQUE CONSTANT (Kt)	2.2	OZ -IN / A	+/- 10%
DC ARMATURE RESISTANCE	TBD	OHMS	+/- 15%
ARMATURE TEMP	85	DEGR. C	MAX
PEAK MOTOR TORQUE	4.0	OZ - IN	----
PLANETARY GEARMOTOR OUTPUT PARAMETERS:			
PLANETARY GEARHEAD RATIO	51:1		
GEARMOTOR RATED CONTINUOUS TORQUE	3.4 / 48	Kg-Cm / OZ IN	MAX
GEARMOTOR RATED PEAK TORQUE	6.8 / 96	Kg-Cm / OZ IN	MAX
GEARHEAD SHAFT OUTPUT SPEED (@ F.L.)	118	RPM	----
GEARHEAD STANDARD BACKLASH	N/A	ARC MIN.	MAX
GEARHEAD EFFICIENCY	69%		
TOTAL GEARMOTOR WEIGHT	7.6	OUNCES	MAX
DIMENSION "L"	36.4	mm	MAX

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