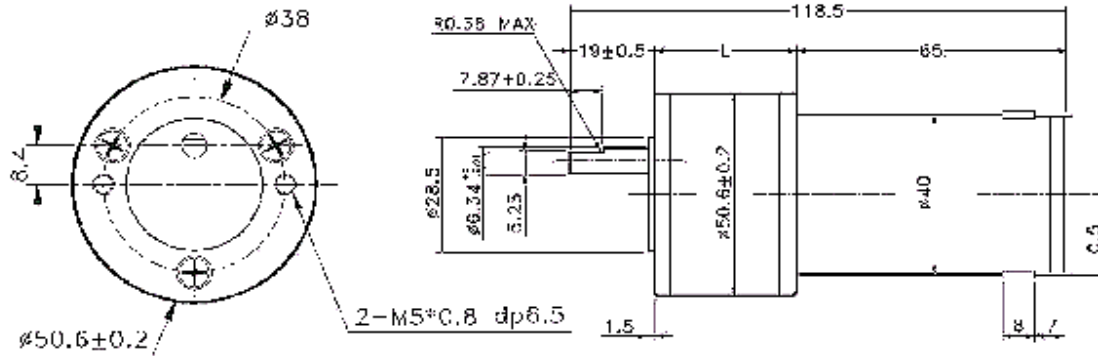




STANDARD PRODUCT

Date: 11/02/2005 **Prepared for:** PRODUCTION
Customer: TBD **Model Number:** MMP-PDSG35-12V.GS-400.1



DC Motor Performance Parameters	Value	Units	Tolerance
RATED VOLTAGE D.C.	@12	VOLTS	----
RATED CONTINUOUS CURRENT	0.15	AMPERE	----
RATED CONTINUOUS TORQUE	0.4	OZ - IN	----
RATED SPEED *	3400	RPM	+/- 15%
RATED CONTINUOUS POWER OUT	1.0	WATTS	+/- 15%
NO LOAD SPEED	5000	RPM	MAX
NO LOAD CURRENT	0.03	AMPS	MAX
BACK EMF CONSTANT	2.4	V/KRPM	+/- 10%
TORQUE CONSTANT	3.24	OZ -IN / A	+/- 10%
DC ARMATURE RESISTANCE AT 1.5 AMPS	80	OHMS	+/- 15%
ARMATURE TEMP	155	DEGR. C	MAX
PEAK TORQUE	TBD	OZ - IN	----
GEARMOTOR OUPUT PARAMETERS:			
GEARBOX RATIO	400:1		
GEARBOX RATED CONTINUOUS TORQUE	94	OZ - IN	MAX
GEARBOX RATED PEAK TORQUE	TBD	OZ - IN	MAX
GEARBOX SHAFT OUTPUT SPEED	8.5	RPM	----
GEARBOX EFFICIENCY	59	%	
"L" Dimension—Gearbox Length	1.16	INCHES	MAX.
GEARMOTOR TOTAL WEIGHT	-14	OUNCES	MAX

MMP PDSG35-12V.GS-400: 1 Note: Overall Gearmotor Length = 2.3 Inches

~ MIDWEST MOTION PRODUCTS ~
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