GM3 Plastic Geared Motor

90 degree output shaft

Ratio: 224:1

Dimensions: 70.1 x 37.7 x 22.3mm

Weight: 30.5g



1-866-276-2687

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GM3 with default RM3 motor

Test Voltage	Unloaded RPM	Unloaded Current	Stall Current	Stall Torque	
(V)		(mA)	(mA)	(gm*cm)	(oz*in)
3	24	40	400	3500	48.61
6	46	50	*	4100	56.94
9	65	60	*	4100	56.94
12	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended

GM3 with rev'ed up RM2 motor

Test Voltage	Unloaded RPM	Unloaded Current	Stall Current	Stall Torque	
(V)		(mA)	(mA)	(gm*cm)	(oz*in)
3	83	350	*	4100	56.94
6	155	600	*	4100	56.94
9	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended
12	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended

GM3 with optional 12v motor

Test Voltage	Unloaded RPM	Unloaded Current	Stall Current	Stall Torque	
(V)		(mA)	(mA)	(gm*cm)	(oz*in)
3	12	38	250	2550	35.41
6	25	45	300	4100	56.94
9	40	50	*	4100	56.94
12	50	60	*	4100	56.94

^{*} Internal clutch kicks in and therefore stall torque and current cannot be measured