

GM9 Plastic Geared Motor

90 degree output shaft

Ratio: 143:1

Dimensions: 70.2 x 30.4 x 22.6mm

Weight: 32.6g



1-866-276-2687

www.solarbotics.com

GM9 with Default RM3 motor

Test Voltage (V)	Unloaded RPM	Unloaded Current (mA)	Stall Current (mA)	Stall Torque	
				(gm*cm)	(oz*in)
3	40	50	400	3200	44.44
6	78	52	700	5500	76.38
9	110	62	1000	5700	79.16
12	135	76	1250	5850	81.24

GM9 with Rev'ed up RM2 motor

Test Voltage (V)	Unloaded RPM	Unloaded Current (mA)	Stall Current (A)	Stall Torque	
				(gm*cm)	(oz*in)
3	145	350	3.2	5575	77.72
6	280	595	4	6000	83.32
9	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended
12	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended

GM9 with optional 12v motor

Test Voltage (V)	Unloaded RPM	Unloaded Current (mA)	Stall Current (mA)	Stall Torque	
				(gm*cm)	(oz*in)
3	20	45	220	1650	22.91
6	47	60	400	4300	59.72
9	70	65	600	5500	76.38
12	100	72	800	6000	83.32