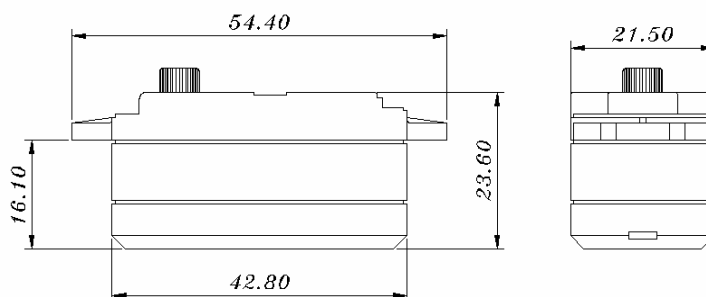


## Particular Specification

Item No:	BMS-136MG
Weight:	34 grams / 1.19oz.
Size:	42 x 21.5 x 22 mm / 1.65 x 0.85 x 0.87 in.
Torque At 4.8V:	6.1kg-cm , 85 oz-in
Torque At 6.0V:	7.8kg-cm , 108 oz-in
Speed At 4.8V:	0.31 sec / 60 deg at no load
Speed At 6.0V:	0.24 sec / 60 deg at no load
Ball Bearing:	Dual / M9x7
Metal Gears:	YES, 3 gears of aluminum, 3 gear of copper, 1 nylon gear
Motor Type:	3 Pole magnetic motor
Operating Voltage Range	4.8V~6.0V
Operating Temperature Range	-20°C to +60°C
Idle Current	2mA at Stopped
Running Current	180mA
Stall Current	500mA
Dead Bend Width	10 usec
Operating Angle	190 deg / One side pulse 200 usec
Direction	Re-clock wise / pulse traveling 1200 to 1400 usec
Horn Gear Spline	25 Segments / (Same as Futaba)
Connector Wire Length	300mm (11.81in)
Connector Horsing	Universal connector
Wire Info	Brown Wire = Battery Negative Red Wire = Battery Positive Orange Wire = Signal



**Unit: mm**