

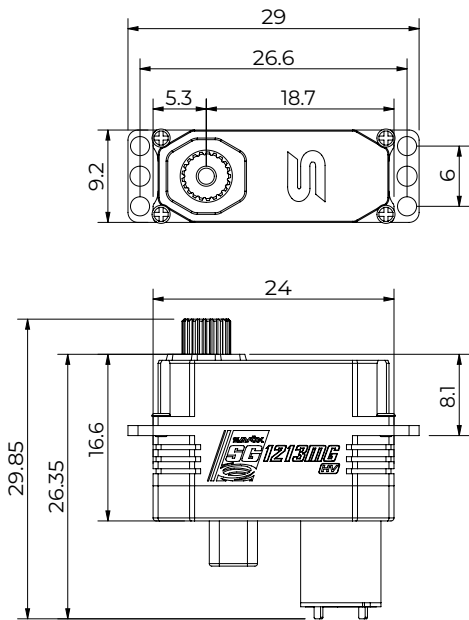


SG-1213MG

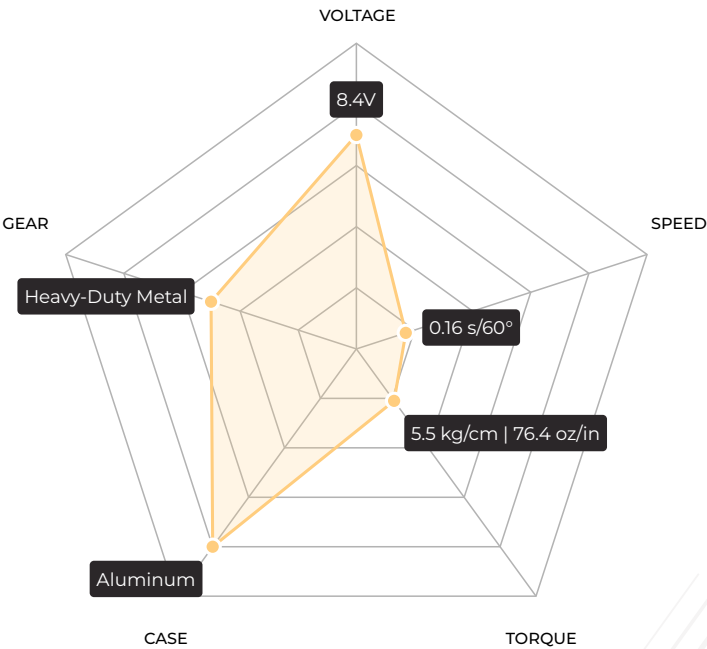


Line	GLIDER EDITION
Application	GLIDER
Servo Size	Micro
Operating Voltage	6.0V-8.4V
Speed	0.16 s/60°
Torque	5.5 kg/cm 76.4 oz/in
Amplifier Type	Digital Controller
Motor Type	Coreless
Case Type	Aluminum
Protection	Dust Resistant
Dimensions (L x W x H)	24 x 9.2 x 26.35 mm
Weight	14 g
Gear Type	Heavy-Duty Metal

DIMENSIONS



PERFORMANCE RADAR



DETAILED SPECIFICATION

Compability	Normal	Potentiometer	VR
Speed @6.0V	0.21 s/60°	Cable	26 AWG 250 ±5 mm
Torque @6.0V	3.5 kg/cm 48.6 oz/in	Connector	JR Connector
Speed @7.4V	0.17 s/60°	Stall Current @6.0V	500 mA
Torque @7.4V	4.5 kg/cm 62.5 oz/in	Operating Current @6.0V	80 mA
Speed @8.4V	0.16 s/60°	Stall Current @7.4V	650 mA
Torque @8.4V	5.5 kg/cm 76.4 oz/in	Operating Current @7.4V	100 mA
PCB Board	10-bit	Stall Current @8.4V	750 mA
Rotating Direction	Clockwise (when 1000+2000 µsec)	Operating Current @8.4V	120 mA
Max Travel	~165° (when 800+2200 µsec)	Idle Current	5 mA
Operating Travel	100° (when 1000+2000 µsec)	Dead Band Width	3-5 µsec
Neutral Position	1500 µsec	Frequency Range	50-360 Hz
Horn Gear Spline	21T(Φ4.8)	Control System	Pulse width modification
Bearing	2x Ball Bearings	Operating Temperature	-10°C to 50°C