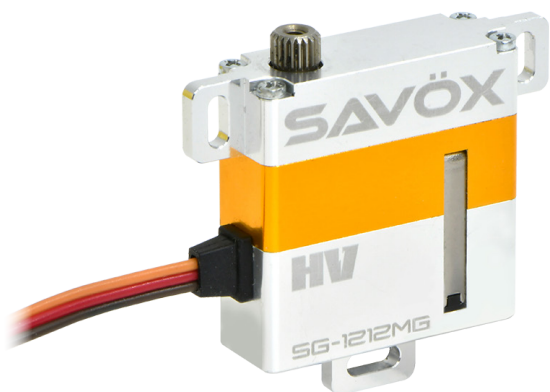


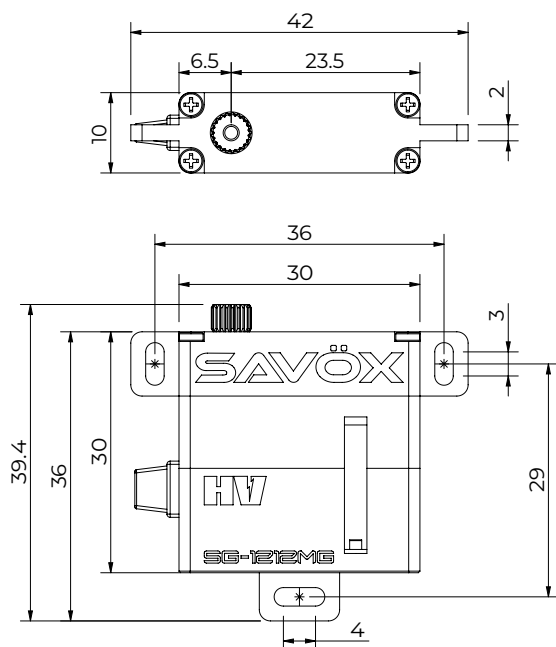


SG-1212MG

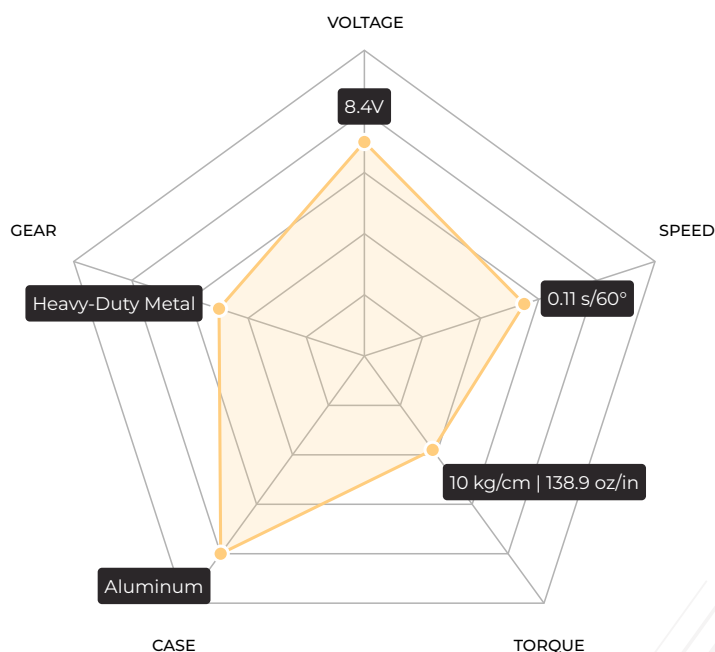


Line	GLIDER EDITION
Application	GLIDER
Servo Size	Micro
Operating Voltage	6.0V-8.4V
Speed	0.11 s/60°
Torque	10 kg/cm 138.9 oz/in
Amplifier Type	Digital Controller
Motor Type	Coreless
Case Type	Aluminum
Protection	Dust Resistant
Dimensions (L x W x H)	30 x 10 x 30 mm
Weight	27 g
Gear Type	Heavy-Duty Metal

DIMENSIONS



PERFORMANCE RADAR



DETAILED SPECIFICATION

Compability	Normal	Potentiometer	VR
Speed @6.0V	0.15 s/60°	Cable	26 AWG 250 ±5 mm
Torque @6.0V	6 kg/cm 83.3 oz/in	Connector	JR Connector
Speed @7.4V	0.12 s/60°	Stall Current @6.0V	1500 mA
Torque @7.4V	8 kg/cm 111.1 oz/in	Operating Current @6.0V	100 mA
Speed @8.4V	0.11 s/60°	Stall Current @7.4V	1900 mA
Torque @8.4V	10 kg/cm 138.9 oz/in	Operating Current @7.4V	120 mA
PCB Board	10-bit	Stall Current @8.4V	2200 mA
Rotating Direction	Clockwise (when 1000+2000 µsec)	Operating Current @8.4V	180 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