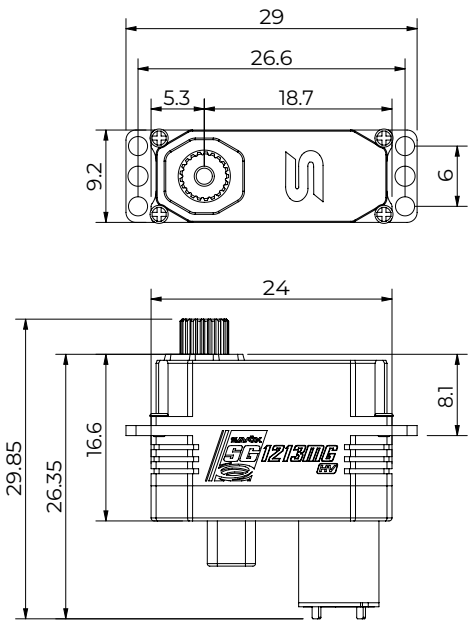
SAVÖX

SG-1213MG

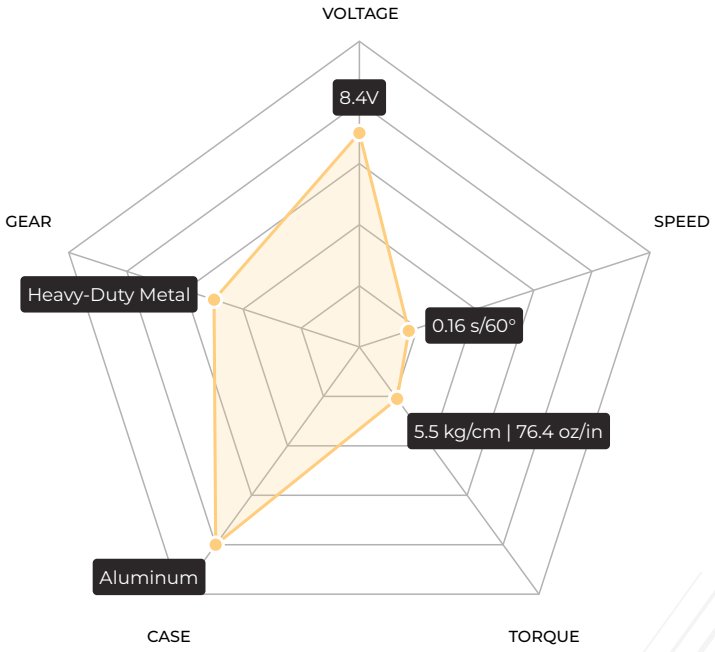


Line	GLIDER EDITION
Application	GLIDER
Servo Size	Micro
Operating Voltage	6.0V-8.4V
Speed	0.16 s/60°
Torque	5.5 kg/cm | 76.4 oz/in
Amplifier Type	Digital Controller
Motor Type	Coreless
Case Type	Aluminum
Protection	Dust Resistant
Dimensions (L x W x H)	24 x 9.2 x 26.35 mm
Weight	14 g
Gear Type	Heavy-Duty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