

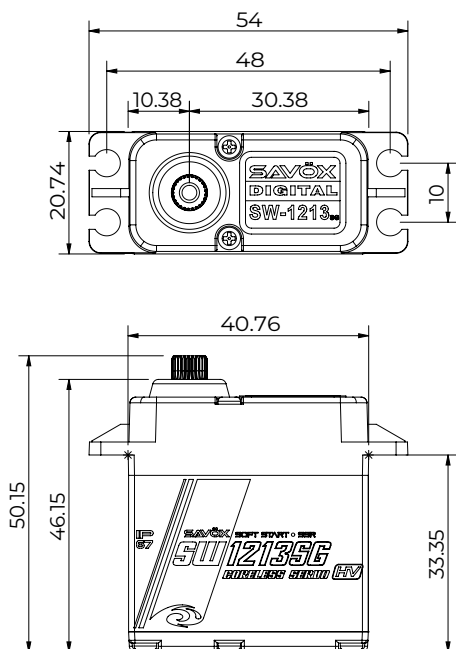


SW-1213SG

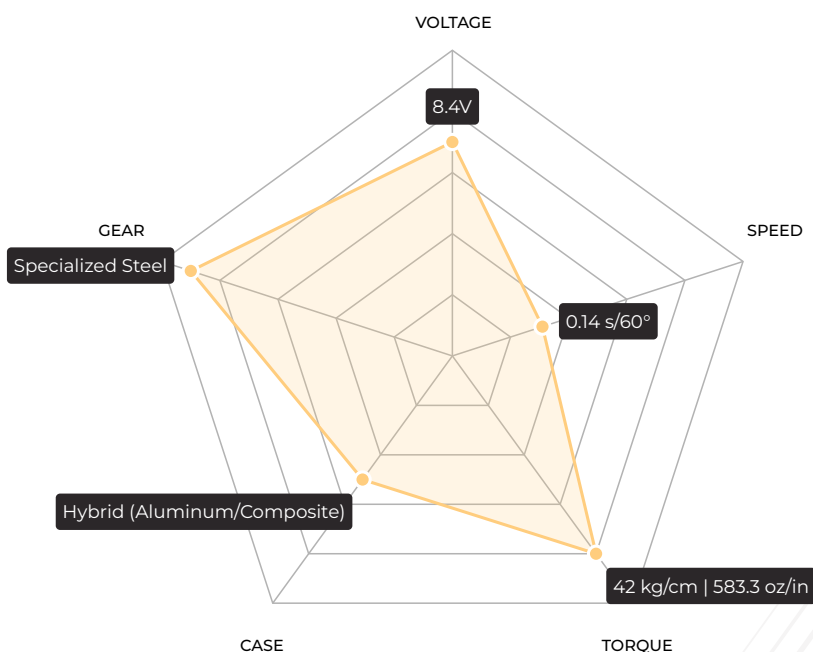


Line	BLUE LINE
Application	CAR BOAT
Servo Size	Standard
Operating Voltage	6.0V-8.4V
Speed	0.14 s/60°
Torque	42 kg/cm 583.3 oz/in
Amplifier Type	Digital Controller
Motor Type	Coreless
Case Type	Hybrid (Aluminium/Composite)
Protection	Waterproof (IP67)
Dimensions (L x W x H)	40.76 x 20.74 x 46.15 mm
Weight	83 g
Gear Type	Specialized Steel

DIMENSIONS



PERFORMANCE RADAR



DETAILED SPECIFICATION

Compability	Sanwa SSR	Potentiometer	VR
Speed @6.0V	0.19 s/60°	Cable	22 AWG 450 ±5 mm
Torque @6.0V	32 kg/cm 444.4 oz/in	Connector	JR Connector
Speed @7.4V	0.16 s/60°	Stall Current @6.0V	4200 mA
Torque @7.4V	38 kg/cm 527.7 oz/in	Operating Current @6.0V	130 mA
Speed @8.4V	0.14 s/60°	Stall Current @7.4V	5200 mA
Torque @8.4V	42 kg/cm 583.3 oz/in	Operating Current @7.4V	150 mA
PCB Board	12-bit	Stall Current @8.4V	6000 mA
Rotating Direction	Counterclockwise (when 1000+2000 µsec)	Operating Current @8.4V	180 mA
Max Travel	~130° (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	25T(Φ6)	Control System	Pulse width modification
Bearing	2x Ball Bearings	Operating Temperature	-10°C to 50°C