

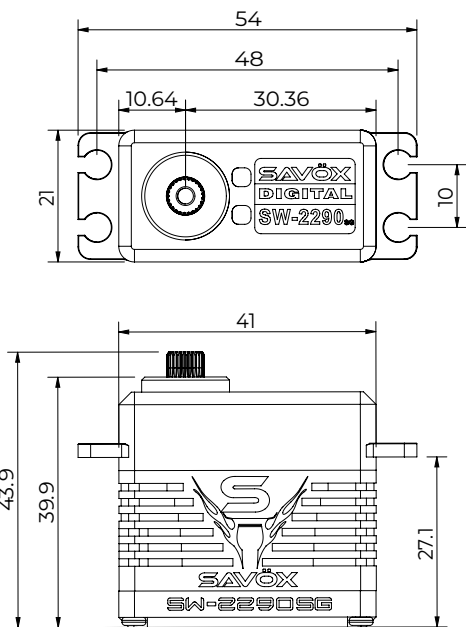


SW-2290SG

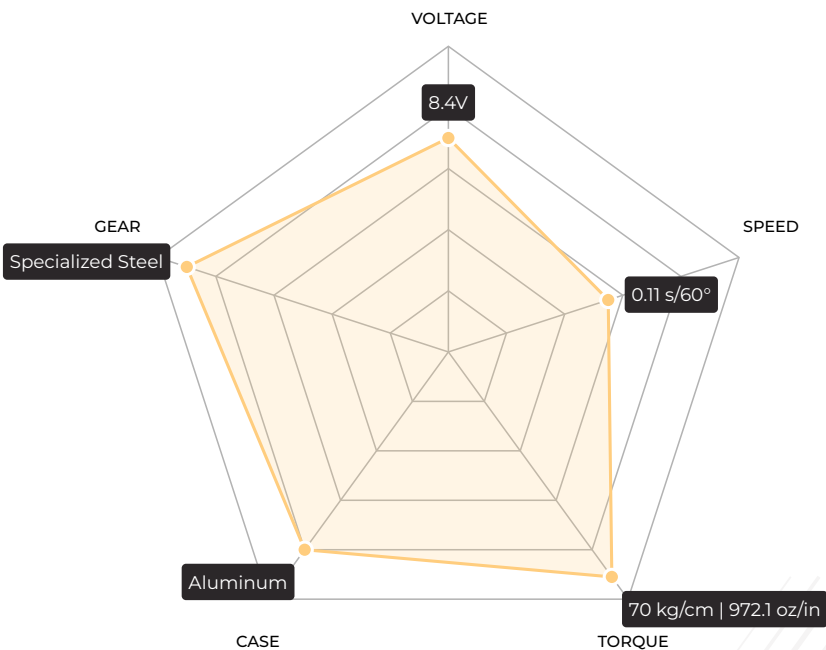


Line	BLUE LINE
Application	CAR BOAT
Servo Size	Standard
Operating Voltage	6.0V-8.4V
Speed	0.11 s/60°
Torque	70 kg/cm 972.1 oz/in
Amplifier Type	Digital Controller
Motor Type	Patented Lightweight Brushless
Case Type	Aluminum
Protection	Waterproof (IP67)
Dimensions (L x W x H)	41 x 21 x 39.9 mm
Weight	88 g
Gear Type	Specialized Steel

DIMENSIONS



PERFORMANCE RADAR



DETAILED SPECIFICATION

Compability	Normal	Potentiometer	VR
Speed @6.0V	0.16 s/60°	Cable	22 AWG 450 ±5 mm
Torque @6.0V	45 kg/cm 624.9 oz/in	Connector	JR Connector
Speed @7.4V	0.13 s/60°	Stall Current @6.0V	7200 mA
Torque @7.4V	55 kg/cm 763.8 oz/in	Operating Current @6.0V	200 mA
Speed @8.4V	0.11 s/60°	Stall Current @7.4V	9200 mA
Torque @8.4V	70 kg/cm 972.1 oz/in	Operating Current @7.4V	220 mA
PCB Board	12bit 4096, Softstart, Lock protection	Stall Current @8.4V	10500 mA
Rotating Direction	Counterclockwise (when 1000+2000 µsec)	Operating Current @8.4V	250 mA
Max Travel	~130° (when 900+2100 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	3x Ball Bearings	Operating Temperature	-10°C to 50°C