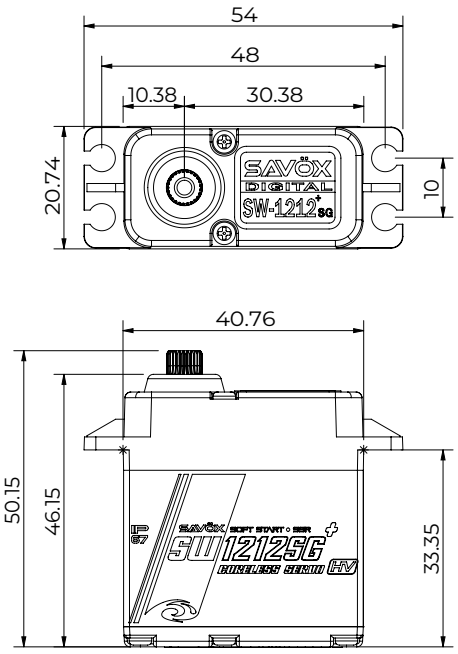
SW-1212SG+ BE

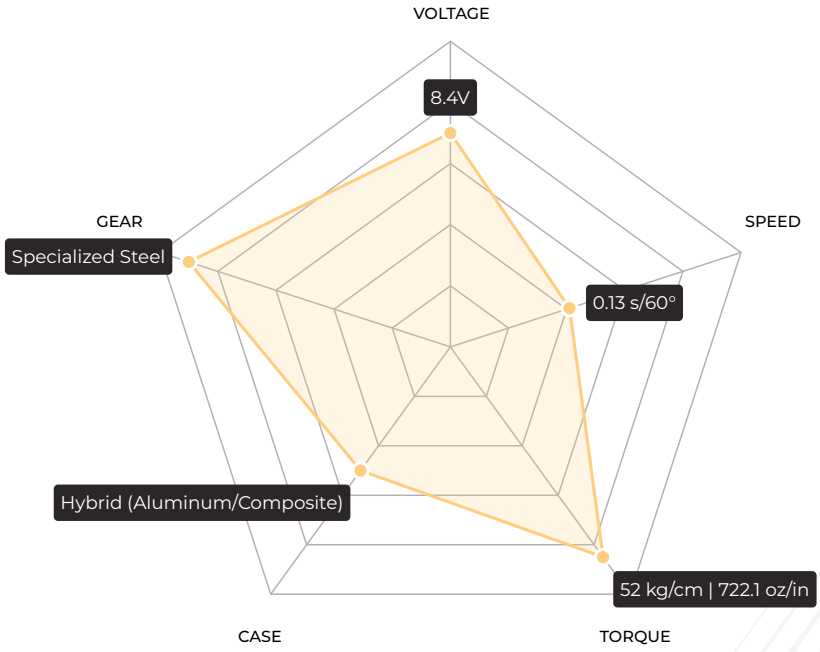


Line	BLACK EDITION
Application	CAR | BOAT
Servo Size	Standard
Operating Voltage	6.0V-8.4V
Speed	0.13 s/60°
Torque	52 kg/cm | 722.1 oz/in
Amplifier Type	Digital Controller
Motor Type	Coreless
Case Type	Hybrid (Aluminium/Composite)
Protection	Waterproof (IP67)
Dimensions (L x W x H)	40.76 x 20.74 x 46.15 mm
Weight	83 g
Gear Type	Specialized Steel

DIMENSIONS



PERFORMANCE RADAR



DETAILED SPECIFICATION

Compability	Sanwa SSR	**Potentiometer**	VR
Speed @6.0V	0.17 s/60°	**Cable**	22 AWG 450 ±5 mm
Torque @6.0V	36 kg/cm | 499.9 oz/in	**Connector**	JR Connector
Speed @7.4V	0.14 s/60°	**Stall Current @6.0V**	6000 mA
Torque @7.4V	46 kg/cm | 638.8 oz/in	**Operating Current @6.0V**	130 mA
Speed @8.4V	0.13 s/60°	**Stall Current @7.4V**	8600 mA
Torque @8.4V	52 kg/cm | 722.1 oz/in	**Operating Current @7.4V**	150 mA
PCB Board	12-bit	**Stall Current @8.4V**	9700 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