

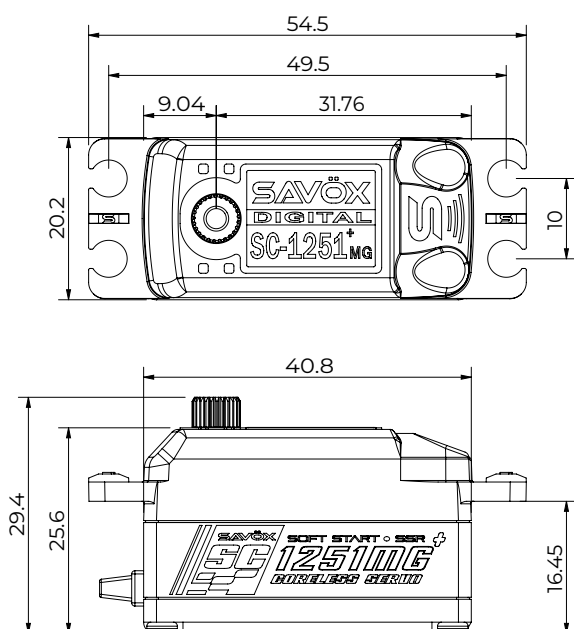


SC-1251MG+

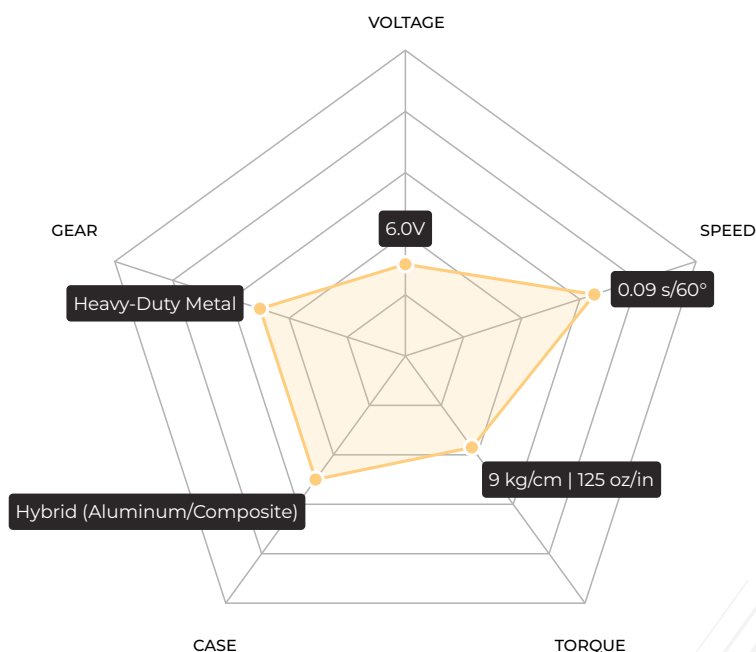


Line	ORIGINAL LINE
Application	CAR
Servo Size	Low Profile
Operating Voltage	4.8V-6.0V
Speed	0.09 s/60°
Torque	9 kg/cm 125 oz/in
Amplifier Type	Digital Controller
Motor Type	Coreless
Case Type	Hybrid (Aluminium/Composite)
Protection	Water Resistant
Dimensions (L x W x H)	40.8 x 20.2 x 25.6 mm
Weight	45 g
Gear Type	Heavy-Duty Metal

DIMENSIONS



PERFORMANCE RADAR



DETAILED SPECIFICATION

Compability	Sanwa SSR	Potentiometer	VR
Speed @4.8V	0.1 s/60°	Cable	22 AWG 300 ±5 mm
Torque @4.8V	7 kg/cm 97.2 oz/in	Connector	JR Connector
Speed @6.0V	0.09 s/60°	Stall Current @4.8V	2000 mA
Torque @6.0V	9 kg/cm 125 oz/in	Operating Current @4.8V	150 mA
PCB Board	12-bit	Stall Current @6.0V	3000 mA
Rotating Direction	Clockwise (when 1500+2000 µsec)	Operating Current @6.0V	180 mA
Max Travel	~160° (when 700+2300 µsec)	Idle Current	5 mA
Operating Travel	90° (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