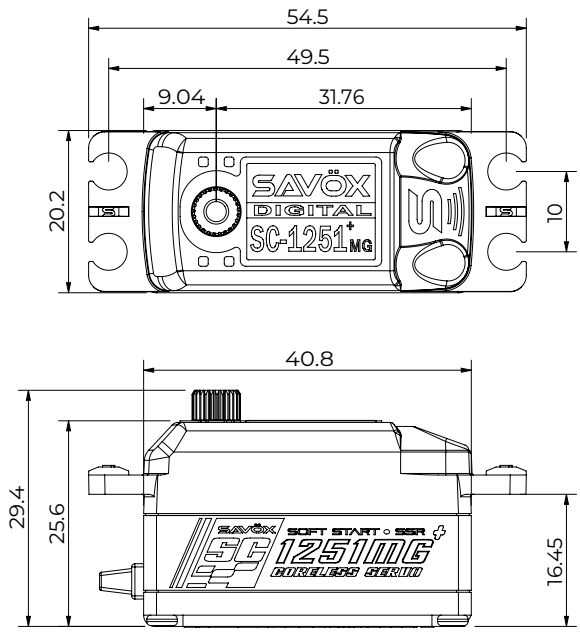
SC-1251MG+

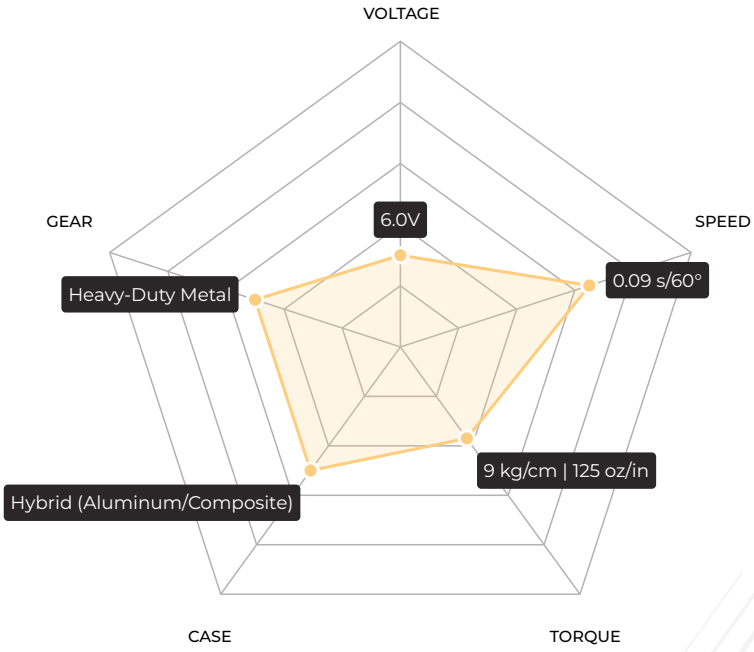


Line	ORIGINAL LINE
Application	CAR
Servo Size	Low Profile
Operating Voltage	4.8V-6.0V
Speed	0.09 s/60°
Torque	9 kg/cm | 125 oz/in
Amplifier Type	Digital Controller
Motor Type	Coreless
Case Type	Hybrid (Aluminium/Composite)
Protection	Water Resistant
Dimensions (L x W x H)	40.8 x 20.2 x 25.6 mm
Weight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