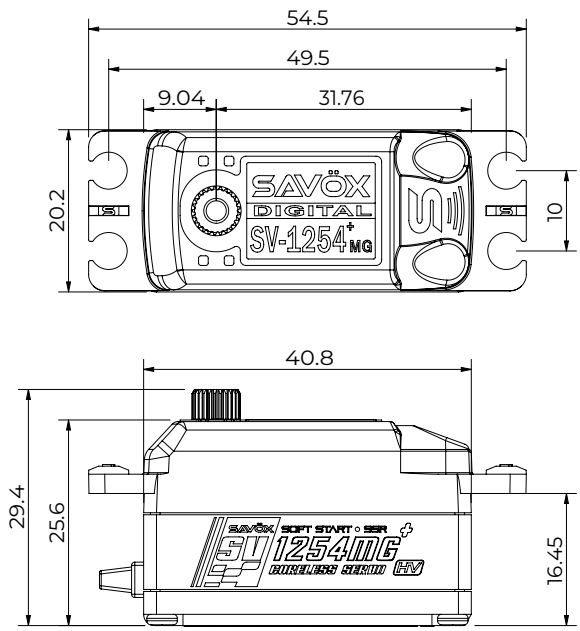
SV-1254MG+

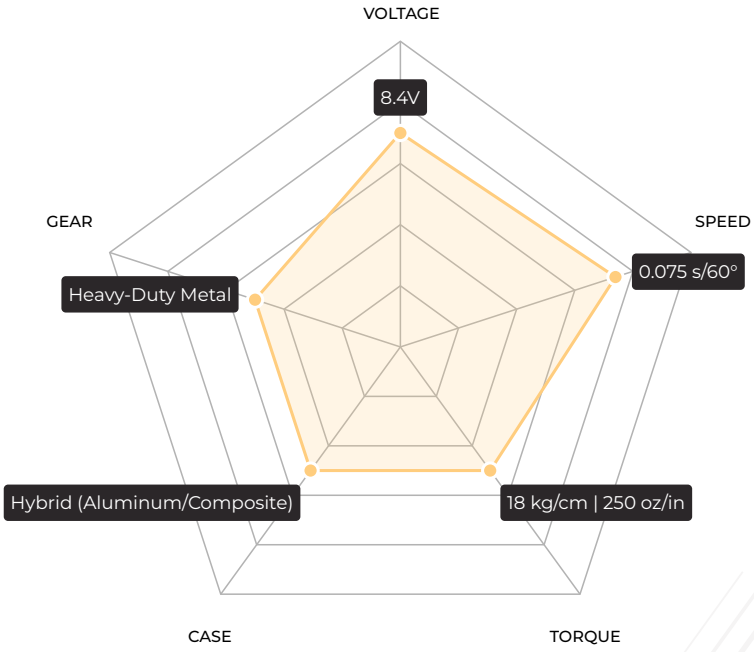


Line	ORIGINAL LINE
Application	CAR | AIRPLANE
Servo Size	Low Profile
Operating Voltage	6.0V-8.4V
Speed	0.075 s/60°
Torque	18 kg/cm | 250 oz/in
Amplifier Type	Digital Controller
Motor Type	Coreless
Case Type	Hybrid (Aluminium/Composite)
Protection	Water Resistant
Dimensions (L x W x H)	40.8 x 20.2 x 25.6 mm
Weight	46 g
Gear Type	Heavy-Duty Metal

DIMENSIONS



PERFORMANCE RADAR



DETAILED SPECIFICATION

Compability	Sanwa SSR	**Potentiometer**	VR
Speed @6.0V	0.1 s/60°	**Cable**	22 AWG 300 ±5 mm
Torque @6.0V	12 kg/cm | 166.6 oz/in	**Connector**	JR Connector
Speed @7.4V	0.085 s/60°	**Stall Current @6.0V**	5300 mA
Torque @7.4V	15 kg/cm | 208.3 oz/in	**Operating Current @6.0V**	130 mA
Speed @8.4V	0.075 s/60°	**Stall Current @7.4V**	6400 mA
Torque @8.4V	18 kg/cm | 250 oz/in	**Operating Current @7.4V**	150 mA
PCB Board	12-bit	**Stall Current @8.4V**	7300 mA
Rotating Direction	Counterclockwise (when 1000→2000 µsec)	**Operating Current @8.4V**	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