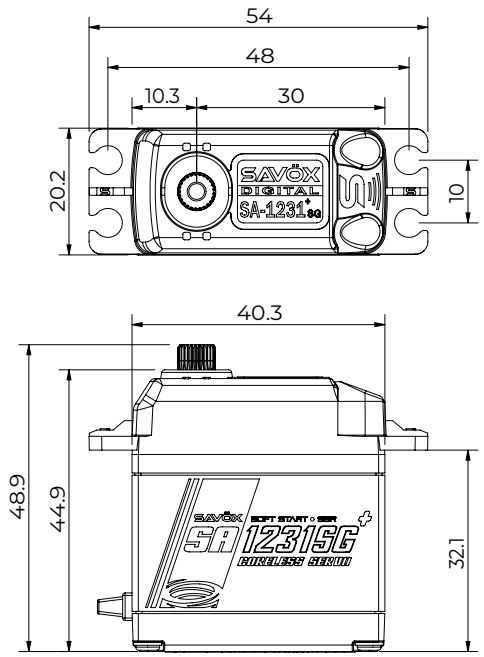
SA-1231SG+

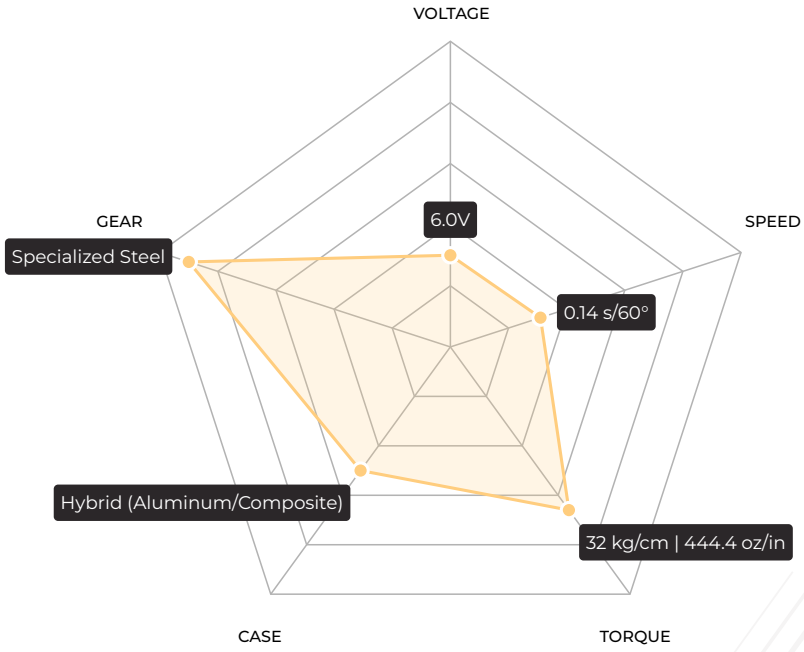


Line	ORIGINAL LINE
Application	AIRPLANE
Servo Size	Standard
Operating Voltage	4.8V-6.0V
Speed	0.14 s/60°
Torque	32 kg/cm | 444.4 oz/in
Amplifier Type	Digital Controller
Motor Type	Coreless
Case Type	Hybrid (Aluminium/Composite)
Protection	Water Resistant
Dimensions (L x W x H)	40.3 x 20.2 x 44.9 mm
Weight	79 g
Gear Type	Specialized Steel

DIMENSIONS



PERFORMANCE RADAR



DETAILED SPECIFICATION

Compability	Sanwa SSR	**Potentiometer**	VR
Speed @4.8V	0.18 s/60°	**Cable**	22 AWG 200 ±5 mm
Torque @4.8V	28 kg/cm | 388.8 oz/in	**Connector**	JR Connector
Speed @6.0V	0.14 s/60°	**Stall Current @4.8V**	4200 mA
Torque @6.0V	32 kg/cm | 444.4 oz/in	**Operating Current @4.8V**	220 mA
PCB Board	12-bit	**Stall Current @6.0V**	5300 mA
Rotating Direction	Counterclockwise (when 1000→2000 µsec)	**Operating Current @6.0V**	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	2x Ball Bearings	**Operating Temperature**	-10°C to 50°C