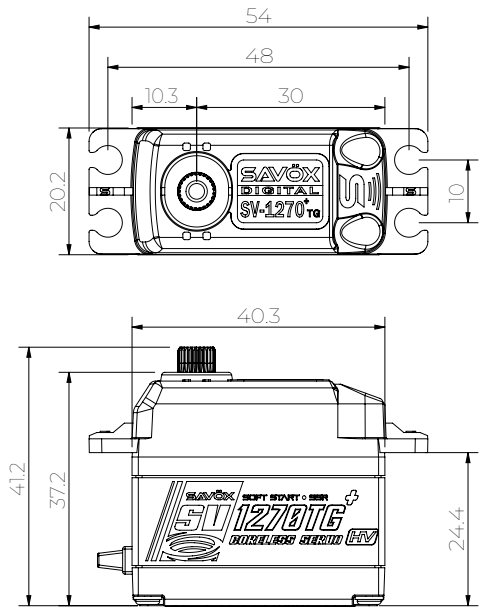
SV-1270TG+

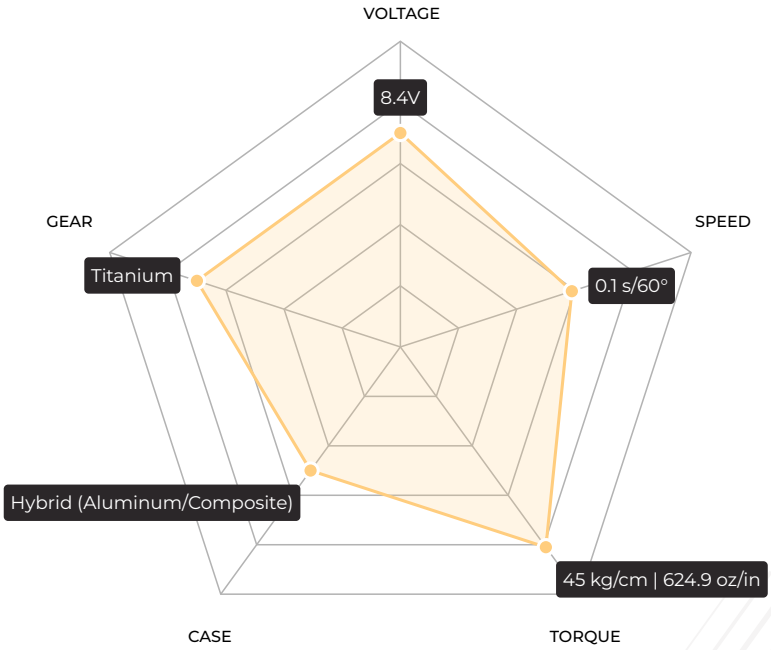


Line	ORIGINAL LINE
Application	CAR | AIRPLANE
Servo Size	Standard
Operating Voltage	6.0V-8.4V
Speed	0.1 s/60°
Torque	45 kg/cm | 624.9 oz/in
Amplifier Type	Digital Controller
Motor Type	Coreless
Case Type	Hybrid (Aluminium/Composite)
Protection	Water Resistant
Dimensions (L x W x H)	40.3 x 20.2 x 37.2 mm
Weight	64 g
Gear Type	Titanium

DIMENSIONS



PERFORMANCE RADAR



DETAILED SPECIFICATION

Compability	Sanwa SSR	**Potentiometer**	VR
Speed @6.0V	0.14 s/60°	**Cable**	22 AWG 300 ±5 mm
Torque @6.0V	30 kg/cm | 416.6 oz/in	**Connector**	JR Connector
Speed @7.4V	0.11 s/60°	**Stall Current @6.0V**	5400 mA
Torque @7.4V	40 kg/cm | 555.5 oz/in	**Operating Current @6.0V**	230 mA
Speed @8.4V	0.1 s/60°	**Stall Current @7.4V**	6800 mA
Torque @8.4V	45 kg/cm | 624.9 oz/in	**Operating Current @7.4V**	250 mA
PCB Board	12-bit	**Stall Current @8.4V**	8000 mA
Rotating Direction	Counterclockwise (when 1000→2000 µsec)	**Operating Current @8.4V**	280 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