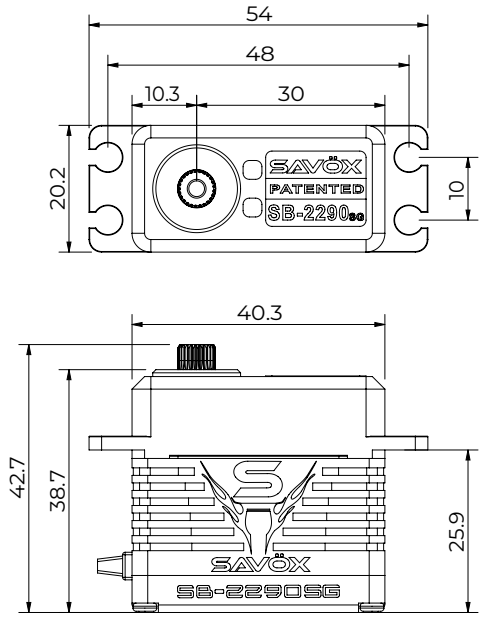
SB-2290SG

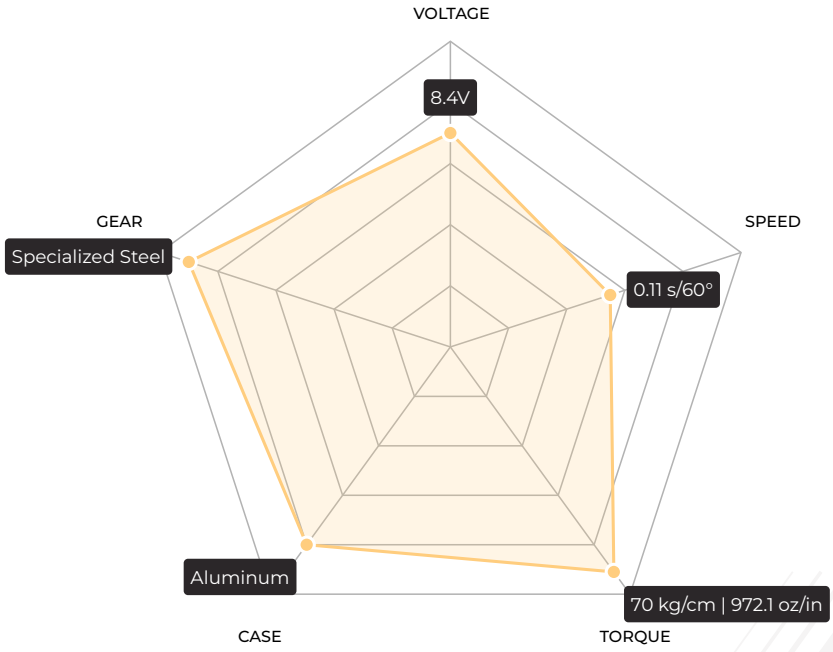


Line	MONSTER LINE
Application	CAR | AIRPLANE
Servo Size	Standard
Operating Voltage	6.0V-8.4V
Speed	0.11 s/60°
Torque	70 kg/cm | 972.1 oz/in
Amplifier Type	Digital Controller
Motor Type	Patented Brushless
Case Type	Aluminum
Protection	Water Resistant
Dimensions (L x W x H)	40.3 x 20.2 x 38.7 mm
Weight	81 g
Gear Type	Specialized Steel

DIMENSIONS



PERFORMANCE RADAR



DETAILED SPECIFICATION

Compability	Normal	**Potentiometer**	VR
Speed @6.0V	0.16 s/60°	**Cable**	22 AWG 300 ±5 mm
Torque @6.0V	45 kg/cm | 624.9 oz/in	**Connector**	JR Connector
Speed @7.4V	0.13 s/60°	**Stall Current @6.0V**	7200 mA
Torque @7.4V	55 kg/cm | 763.8 oz/in	**Operating Current @6.0V**	200 mA
Speed @8.4V	0.11 s/60°	**Stall Current @7.4V**	9200 mA
Torque @8.4V	70 kg/cm | 972.1 oz/in	**Operating Current @7.4V**	220 mA
PCB Board	12-bit	**Stall Current @8.4V**	10500 mA
Rotating Direction	Counterclockwise (when 1000→2000 µsec)	**Operating Current @8.4V**	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	3x Ball Bearings	**Operating Temperature**	-10°C to 50°C