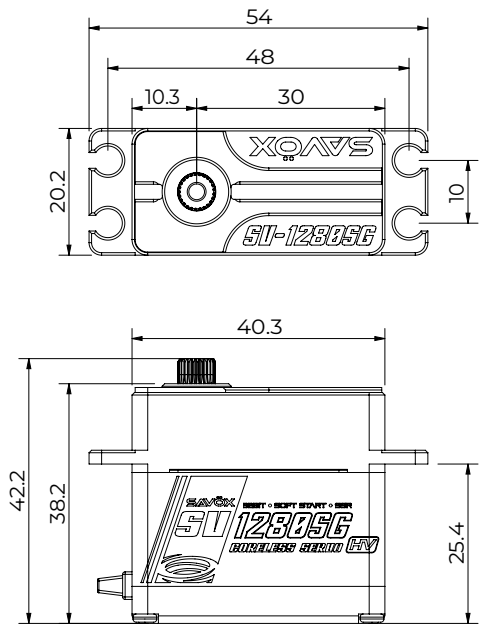
SAVÖX

# SV-1280SG

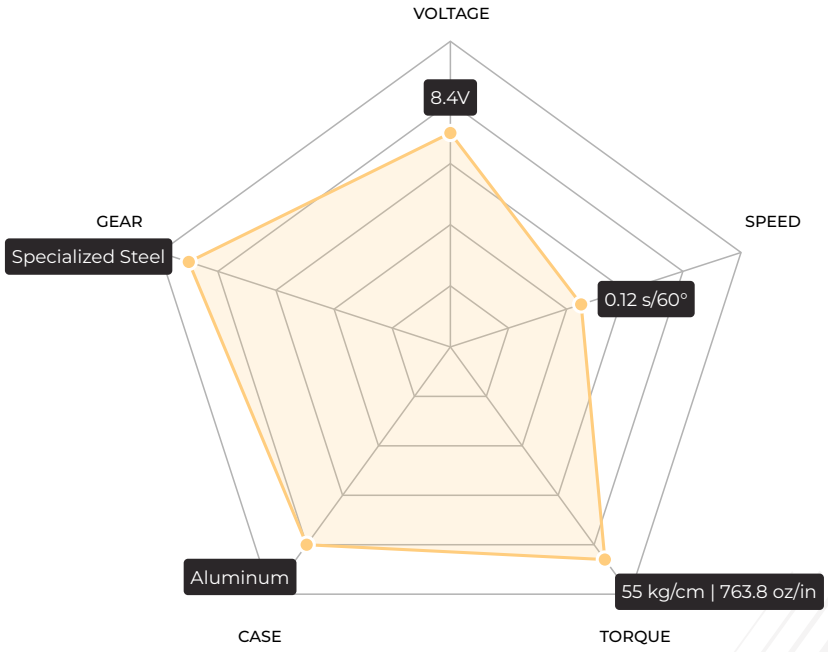



| | |
|---|---|
| **Line** | MONSTER LINE |
| **Application** | CAR \| AIRPLANE |
| **Servo Size** | Standard |
| **Operating Voltage** | 6.0V-8.4V |
| **Speed** | 0.12 s/60° |
| **Torque** | 55 kg/cm \| 763.8 oz/in |
| **Amplifier Type** | Digital Controller |
| **Motor Type** | Coreless |
| **Case Type** | Aluminum |
| **Protection** | Water Resistant |
| **Dimensions (L x W x H)** | 40.3 x 20.2 x 38.2 mm |
| **Weight** | 76 g |
| **Gear Type** | Specialized Steel |

## DIMENSIONS




## PERFORMANCE RADAR




## DETAILED SPECIFICATION

| | | | |
|---|---|---|---|
| **Compability** | Sanwa SUR, SSR | **Potentiometer** | VR |
| **Speed @6.0V** | 0.17 s/60° | **Cable** | 22 AWG 300 ±5 mm |
| **Torque @6.0V** | 38 kg/cm \| 527.7 oz/in | **Connector** | JR Connector |
| **Speed @7.4V** | 0.14 s/60° | **Stall Current @6.0V** | 5400 mA |
| **Torque @7.4V** | 45 kg/cm \| 624.9 oz/in | **Operating Current @6.0V** | 180 mA |
| **Speed @8.4V** | 0.12 s/60° | **Stall Current @7.4V** | 6800 mA |
| **Torque @8.4V** | 55 kg/cm \| 763.8 oz/in | **Operating Current @7.4V** | 200 mA |
| **PCB Board** | 32-bit | **Stall Current @8.4V** | 7500 mA |
| **Rotating Direction** | Counterclockwise (when 1000→2000 µsec) | **Operating Current @8.4V** | 220 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** | 3x Ball Bearings | **Operating Temperature** | -10°C to 50°C |