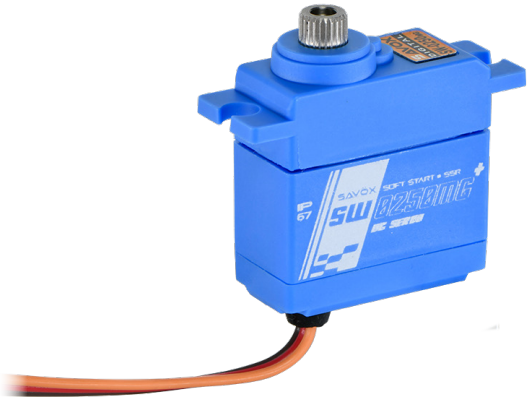
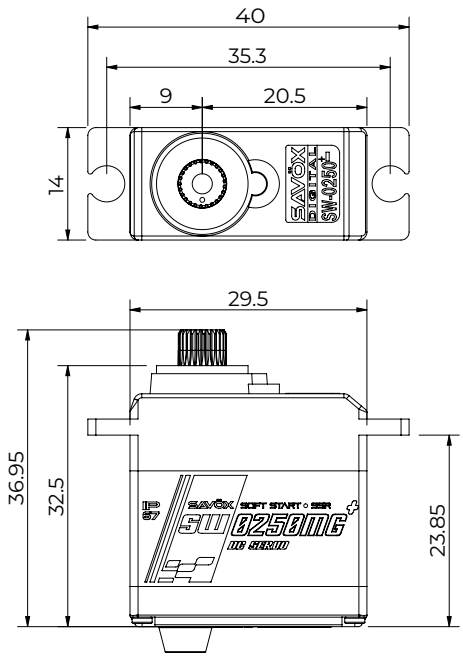
# SW-0250MG+

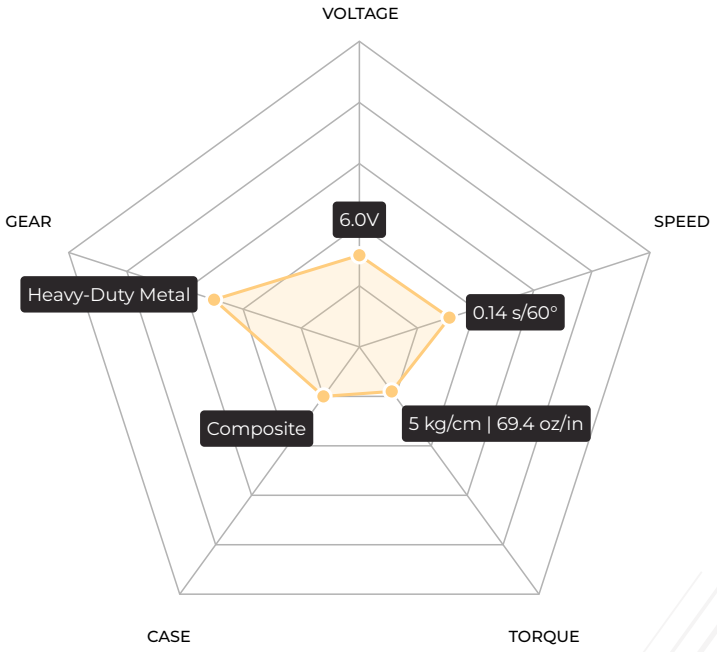


| | |
|---|---|
| **Line** | BLUE LINE |
| **Application** | CAR \| BOAT |
| **Servo Size** | Micro |
| **Operating Voltage** | 4.8V-6.0V |
| **Speed** | 0.14 s/60° |
| **Torque** | 5 kg/cm \| 69.4 oz/in |
| **Amplifier Type** | Digital Controller |
| **Motor Type** | DC Motor |
| **Case Type** | Composite |
| **Protection** | Waterproof (IP67) |
| **Dimensions (L x W x H)** | 29.5 x 14 x 32.5 mm |
| **Weight** | 28 g |
| **Gear Type** | Heavy-Duty Metal |

## DIMENSIONS




## PERFORMANCE RADAR




## DETAILED SPECIFICATION

| | | | |
|---|---|---|---|
| **Compability** | Sanwa SSR | **Potentiometer** | VR |
| **Speed @4.8V** | 0.17 s/60° | **Cable** | 24 AWG 450 ±5 mm |
| **Torque @4.8V** | 3.5 kg/cm \| 48.6 oz/in | **Connector** | JR Connector |
| **Speed @6.0V** | 0.14 s/60° | **Stall Current @4.8V** | 1000 mA |
| **Torque @6.0V** | 5 kg/cm \| 69.4 oz/in | **Operating Current @4.8V** | 80 mA |
| **PCB Board** | 10-bit | **Stall Current @6.0V** | 1250 mA |
| **Rotating Direction** | Counterclockwise (when 1000→2000 µsec) | **Operating Current @6.0V** | 100 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** | 1x Ball Bearing | **Operating Temperature** | -10°C to 50°C |