

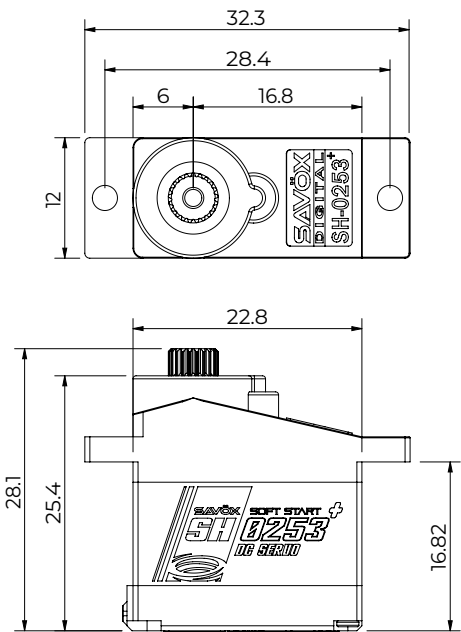


SH-0253+

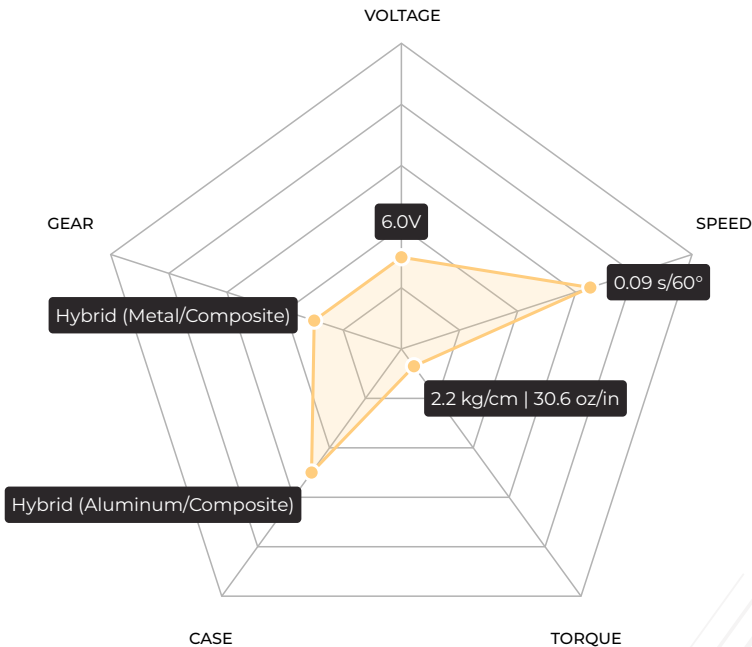


Line	ORIGINAL LINE
Application	CAR HELI AIRPLANE
Servo Size	Micro
Operating Voltage	4.8V-6.0V
Speed	0.09 s/60°
Torque	2.2 kg/cm 30.6 oz/in
Amplifier Type	Digital Controller
Motor Type	DC Motor
Case Type	Hybrid (Aluminium/Composite)
Protection	Dust Resistant
Dimensions (L x W x H)	22.8 x 12 x 25.4 mm
Weight	14 g
Gear Type	Hybrid (Metal/Composite)

DIMENSIONS



PERFORMANCE RADAR



DETAILED SPECIFICATION

Compability	Normal	Potentiometer	VR
Speed @4.8V	0.13 s/60°	Cable	26 AWG 250 ±5 mm
Torque @4.8V	1.8 kg/cm 25 oz/in	Connector	JR Connector
Speed @6.0V	0.09 s/60°	Stall Current @4.8V	1200 mA
Torque @6.0V	2.2 kg/cm 30.6 oz/in	Operating Current @4.8V	150 mA
PCB Board	10-bit	Stall Current @6.0V	1400 mA
Rotating Direction	Clockwise (when 1000+2000 µsec)	Operating Current @6.0V	180 mA
Max Travel	~130° (when 800+2200 µsec)	Idle Current	5 mA
Operating Travel	90° (when 1000+2000 µsec)	Dead Band Width	3-5 µsec
Neutral Position	1500 µsec	Frequency Range	50-360 Hz
Horn Gear Spline	21T(Φ4.8)	Control System	Pulse width modification
Bearing	2x Ball Bearings	Operating Temperature	-10°C to 50°C