

SG90 9G Micro Servo Motor



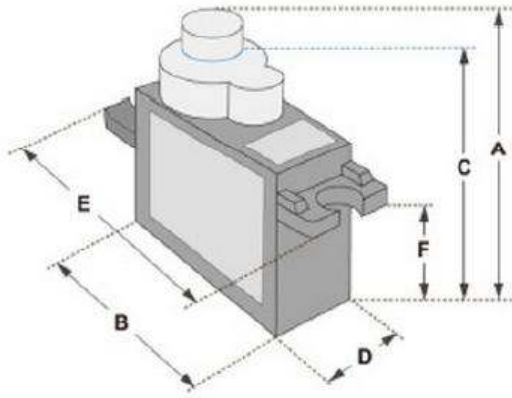
Description

The SG90 mini servo is lightweight, high-quality and lightning-fast. The servo is designed to work with almost all the radio control systems. It is with excellent performance and high torque of 1.5kg cm gives you the freedom to use it for a variety of projects. The SG90 mini servo with accessories is perfect for R/C helicopter, plane, car, boat and truck use.

Specifications:

- Dimensions: 22 x 11.5 x 27mm
- Operating Speed (4.8V no load): 0.12sec/60 degrees
- Stall Torque: 1.2kg / 42.3oz(4.8V); 1.6 kg / 56.4oz (6.0V)
- Temperature Range: -30 to +60 Degree C
- Dead Band Width: 7usec
- Operating Voltage:3.0-7.2 Volts
- SG90 Micro Servo
- All Nylon Gear
- Connector Wire Length 150mm
- Weight: 0.015 kg

Dimensions:



Dimensions & Specifications	
A (mm) :	32
B (mm) :	23
C (mm) :	28.5
D (mm) :	12
E (mm) :	32
F (mm) :	19.5
Speed (sec) :	0.1
Torque (kg-cm) :	2.5
Weight (g) :	14.7
Voltage :	4.8 - 6

Hardware and Software Required

- SG90 Micro Servo motor
- Arudino Uno
- Arduino IDE(1.0.6V)

Hardware connections

The SG90 micro servo motor has 3 wire interface in which the connections should made as follows:

- Red wire-5V
- Brown wire-Ground
- Yellow wire-digital pin 9