

SG90 9G micro servo motor for remote control helicopters, micro robot, robot arm and boats. Fit for ALL kind of R/C Toys and also make electronics DIY based on compatible for Arduino ,Raspberry Pi

- The SG90 mini servo motor is lightweight, high-quality and lightning-fast.The servo is designed to work with almost all the radio control systems.
- SG90 Micro Servo Motor compatible for Mini Arduino Servo SG90 9g Servo Kit for RC Helicopter Airplane Car Boat Robot Arm/Hand/Walking/Servo Door Lock Control with Cable
- The SG90 has 3 wire interfaces in which the connections should be made as follows: Red wire-5V, Brown Wire-Ground, Yellow wire-digital pin 9.
- Stall Torque (4.8V): 17.5oz /in (1kg/cm); Operating voltage: 3.0V~ 6V; Temperature range: -30 to +60; Dead band width: 7usec.



Description

- This little mini servo motor compatible for Arduino is high in efficiency and power
- Servo motors are small in size, and because they have built-in circuitry to control their movement, they can be connected directly to an compatible for Arduino.
- Micro Robot Servo Motor - SG90 runs on electricity from a battery and spins at high RPM (rotations per minute) and very high torque
- The SG90 mini servo motor is lightweight, high-quality and lightning-fast.The servo is designed to work with almost all the radio control systems.

Specification

1. Weight: 9g
2. Size: 23x12.2x29mm
3. Load-free operation speed: 0.12 seconds/60 degrees (4.8V); 0.10 seconds/60 degrees (6.0V)
4. Torque: 1.6kg/cm (4.8V)
5. Use temperature: - 30 ~+60 degrees Celsius
6. Dead zone setting: 5 microseconds
7. Working voltage: 4.8V~6V
8. Accessories: Three kinds of functional rudder angle, fixed screw, line length 25CM

Operating speed: 0.12second/ 60degree (4.8V no load) ;
 0.10 seconds / 60 degrees (6.0 V)
 Stall Torque (4.8V): 17.5oz /in (1kg/cm)
 Operating voltage: 3.0V~ 6V
 Temperature range: -30 to +60
 Dead band width: 7usec
 No Load Running Speed: 0.09±0.01
 sec/60° at 4.8V Rotary Angle: 120°

