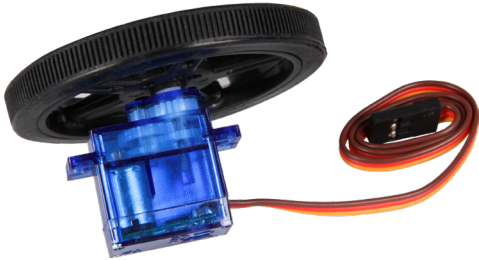


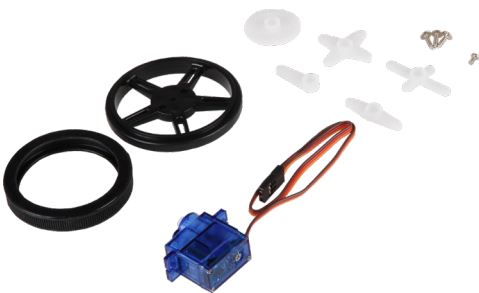
COM-MOTOR05

Continuous Servomotor FS90R with wheel



This small and light servo motor is ideal for controlling or regulating small loads. Operated with 5V, this small servo has a maximum torque of up to 1.5 kg/cm.

Please note: This is a continuous servo motor. Unlike a conventional servo motor, this one uses a PWM signal to set the speed and direction of rotation instead of the position.



MAIN FEATURES

| | |
|--------------------------|---|
| Dimension (Motor) | 32.6 x 32 x 12.5mm |
| Wheel diameter | 60mm |
| Wheel Width | 8mm |
| Weight (Motor) | 9g |
| Peak Torque | 1.5 kg/cm |
| Rotations (without load) | 110 - 130RPM |
| Scope of delivery | Motor, Wheel, Adapterset |
| Compatible to | Raspberry Pi, Arduino, BBC micro:bit, Raspberry Pi Pico |

MOTOR FEATURES

| | |
|--------------------------|-------------------------|
| Operating Voltage | 4.6 - 6V DC |
| Operating Current | 100 - 120mA |
| Idle Current | 5 - 6mA |
| Stall Current | 550 - 650mA |
| Gear Type | Plastic (Nylon und POM) |
| Horn Gear Spline | 20T (4.8mm) |
| Connection Wire Length | 200mm |
| Command Signal | Pulse Width Modulation |
| Pulse Width Range | 700 - 2300µsec |
| Dead Band Width | 90 µsec |
| Default Stop Position | 1500 (± 45)µsec |
| Rotating Direction (CW) | bei 1500 - 700µsec |
| Rotating Direction (CCW) | bei 1500 - 2300µsec |

ADDITIONAL INFORMATION

| | |
|-----------------------|---------------|
| Operating Temperature | -15 - 70°C |
| Article No. | COM-Motor05 |
| EAN | 4250236818658 |
| Duty No. | 8501109990 |