

# ***Micro 360 Degree Continuous Rotation Servo***

## ***Model:FS90R***



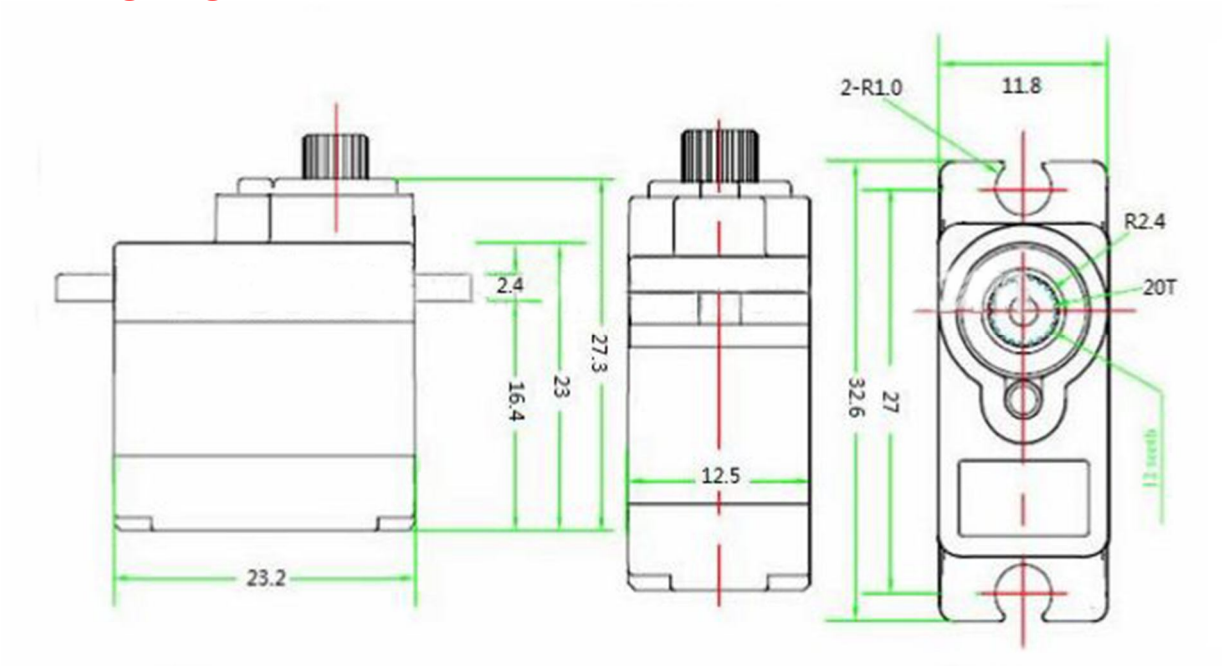
### **Description:**

The FS90R is a micro-sized servo specifically for continuous rotation. At 6V, it has a maximum rotation speed of around 130 RPM (no-load) and can produce up to 1.5 kg-cm of torque. The servo can be controlled using a direct connection to a single microcontroller I/O line without any additional electronics, which makes it a great miniature actuator for beginner robotics projects.

### **Specifications:**

- Operating Speed: 110RPM (4.8V) , 130RPM (6V)
- Stall Torque: 1.3kg.cm/18.09oz.in(4.8V) , 1.5kg.cm/20.86oz.in(6V)
- Operating Voltage: 4.8V~6V
- Control System: Analog
- Direction: CCW
- Operating Angle: 360degree
- Required Pulse: 900us-2100us
- Bearing Type: None
- Gear Type: Plastic
- Motor Type: Metal
- Connector Wire Length: 20cm
- Dimensions: 23.2×12.5×22mm
- Weight: 9g

**Drawing Diagram:**



*Made in China*