



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# Continuous Rotation Servo – FeeTech FS5103R

PRODUCT ID: 154



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## DESCRIPTION

This servo rotates fully forward or backwards instead of moving to a position. You can use any servo code, hardware or library to control these servos. Good for making simple moving robots. Comes with four different horns, as shown.

To control with an Arduino, we suggest connecting the control wire to pin 9 or 10 and using the Servo library included with the Arduino IDE (see here for an example sketch). Position "90" (1.5ms pulse) is stop, "180" (2ms pulse) is full speed forward, "0" (1ms pulse) is full speed backwards. They may require some simple calibration, simply tell the servo to 'stop' and then gently adjust the potentiometer in the recessed hole with a small screwdriver until the servo stops moving.

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# Technical Details

## Details:

Operating Voltage: 4.8V~6V (5V works best)

Average Speed: ~0.18sec/60°

Stall Torque (4.8V): 3kg.cm/41.74oz.in

Stall Torque (6V): 3.2kg.cm/44.52oz.in

Required Pulse: 500us-2500us

Connector Wire Length: 30cm / 11.8"

Dimensions: 37mm x 54mm x 20mm / 1.5" x 2.1" x 0.8"

Weight (no horns): 40g

Spline Count: 25

## Revision History:

As of Friday, May 8th, 2015 we're selling a revised FeeTech version with additional horns!