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## Addicore Micro SG90 9G Mini Servo with Accessories

Price: \$2.90

Quantity in Stock:31

**Availability:** Ships same day\*

Product Code: 113

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Alternative Views:



## Info

The Addicore SG90 mini servo is a lightweight servo ideal for small R/C helicopter, plane, and car use, as well as other circuit-board projects using microcontrollers like Arduino and Raspberry Pi.

### PRODUCT CONTENTS:

- 1 piece - Addicore SG90 Servo
- 1 piece - straight single ended servo horn
- 1 piece - straight double ended servo horn
- 1 piece - winged straight double ended servo horn
- 1 piece - servo horn screw
- 2 pieces - SG90 servo mounting screws

### SPECIFICATIONS:

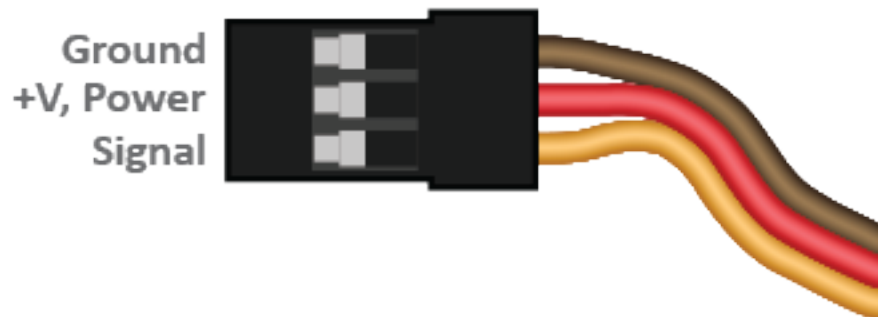
<b>Torque</b>	25.0 oz-in (1.80 kg-cm) at 4.8V
<b>Speed</b>	0.1sec/60° (4.8V)
<b>Voltage</b>	4.0V to 7.2V, 4.6V - 5.2V nominal
<b>Running current with 5V supply (no mechanical load)</b>	220 ±50mA

<b>Stall current with 5V supply (horn locked)</b>	650 ±80mA
<b>Idle current with 5V supply</b>	6 ±10mA
<b>Dimensions</b>	0.91in x 0.48in x 1.14in (23mm x 12.2mm x 29mm)
<b>Weight</b>	0.32oz (9g)
<b>Dead band width</b>	10µs
<b>Operating Temperature range</b>	-22°F to 140°F (-30°C to 60°C)
Universal "S" type connector fits most receivers	

## RESOURCES

- [Arduino "Knob" Tutorial](#): control the shaft of a servo motor by turning a potentiometer
- [Arduino "Sweep" Tutorial](#): sweeps the shaft of a servo motor back and forth
- [3D printable linear movement servo mod](#)

## CONNECTOR PINOUT:



## DIMENSIONS:

- [SG90 Servo Dimensions Diagram \(Mechanical Drawing\)](#)

## DIMENSIONS:

## RELATED ITEMS

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MG90S METAL GEARED  
MICRO SERVO

\$5.85



## CUSTOMER REVIEWS

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Average Rating: ★★★★★ 5 of 5 Total Reviews: 7

[WRITE A REVIEW](#)

0 of 0 people found the following review helpful:

★★★★★ Sweet

March 10, 2016

By: Peter Woglom from Colerain, NC United States

These are nice little servos that do the job at a great price.

Was this review helpful?

0 of 0 people found the following review helpful:

★★★★★ **Mini servos**

November 1, 2015

By: Craig Phenex from Danville, KY United States

The mini servos were perfect for constructing a mini robotic arm.

Was this review helpful?

0 of 0 people found the following review helpful:

★★★★★ **First time buyer.**

July 9, 2015

By: W T Richards from Sebastian, FL United States

I didn't have a specific project in mind when I bought these items - you might say I am accumulating stuff that might be useful for future projects.

The service was great, prices excellent, and putting the spec sheets along with the items is a definite plus. First time buyer.

I would/will recommend Addicore whenever I can. Thanks!

Was this review helpful?

0 of 0 people found the following review helpful:

★★★★★ **worked great - tested**

June 18, 2015

By: Kevin H from Castle Rock, CO United States

Tested - worked good

Was this review helpful?

0 of 0 people found the following review helpful:

★★★★★ Nice servos

June 16, 2015

By: Frank Milburn from Seattle, WA United States

I've replaced some cheaper servos I had in a small pan tilt mechanism with these. The old ones stripped gears easily. So far, so good with these. They seem to have heavier gauge wire and be built better in general.

Was this review helpful?

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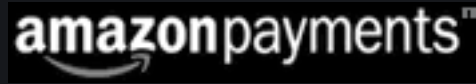
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