

SpringRC Small Servo (SM-S3317M)



The 3207 is a nice small RC servo with all metal gears, double ball bearing and produces 2.7 kg-cm of torque at 4.8V. RC servos are hobbyist remote control servos typically used in radio-controlled models, where they provide actuation for various mechanical systems such as the steering of a car, the flaps on a plane, or the rudder of a boat. These servos are not industrial grade and are not recommended for continuous heavy use.

Comes Packaged With



Product Specifications

Motor Properties

Motor Type	Limited Rotation Servo
Range of Rotation	180B°
Maximum Speed at Rated Voltage	375B°/s
Rated Torque	2.4 kgB·cm

Physical Properties

Gear Train Material	Metal
Bearing Type	Dual Ball Bearing
Motor Length	28.6 mm
Motor Width	31.1 mm
Motor Depth	16.5 mm
Wire Length	180 mm
Weight	27 g

Electrical Properties

Rated Voltage	5 V DC
Rated Current (on 1061 controller)	120 mA
Rated Current (on 1066 controller)	130 mA
Stall Current (on 1061 controller)	900 mA

Stall Current (on 1066 controller) 420 mA

Servo Controllers

This servo motor needs to be connected to a servo controller board. If you're looking for higher torque, you should select a servo controller with an external power jack so it doesn't have to rely solely on USB power, which is limited. You can plug this servo directly to any of the boards in the list below by matching the color of the wire with the label on the board. Note that some servos have a white data wire and others have a yellow one- in both cases this wire corresponds to the "W" pin on the servo controllers.