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RC Servo Specifications and Reviews

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Futaba S3003 - Servo Standard

Basic Information

Modulation:	Analog
Torque:	4.8V: 44.0 oz-in (3.17 kg-cm) 6.0V: 57.0 oz-in (4.10 kg-cm)
Speed:	4.8V: 0.23 sec/60° 6.0V: 0.19 sec/60°
Weight:	1.31 oz (37.0 g)
Dimensions:	Length: 1.57 in (39.9 mm) Width: 0.79 in (20.1 mm) Height: 1.42 in (36.1 mm)
Motor Type:	? (add)
Gear Type:	Plastic
Rotation/Support:	Bushing



Additional Specifications

Rotational Range:	60°
Pulse Cycle:	30 ms
Pulse Width:	500-3000 µs
Connector Type:	J

Brand:	Futaba
Product Number:	FUTM0031
Suggested Retail:	? (add)
Street Price:	11.99 USD
Compare:	add

User Reviews

Number of Reviews:	8
Average Rating:	3.8 / 5.0

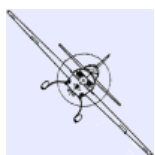
User Reviews of Futaba S3003 (8)


BigWrenn

February 3, 2011

Rating: ★★★★★

Application(s): Steering servo for various 1/10 scale buggies.

Comments: Being that it's a basic servo it's not too bad for general applications. They will strip gears easily and that's the downside to them.

RC plane1

February 4, 2012

Rating: ★★★★★

Application(s): flap servo for .40 size warbird

Comments: Works good for flaps, low power consumption and its pretty light.

Henk

January 28, 2013

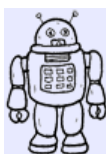
Rating: ★★★★★

Application(s): arduino projects

Comments: When i use it on the arduino, it works very buggy. when i tur it 180 degrees, it then starts to do crazy stuff. it som times gets stuck at one side so it doesnt want to move at all.

**S3003**

June 6, 2013

Rating: ★★★★★**Application(s):** Quadruiped robot**Comments:** For the price,the s3003 is not that bad.The downside to it are the gears.**Geo_gr**

June 15, 2013

Rating: ★★★★★**Application(s):** arduino project**Comments:** This is a decent servo for every hobbyist and electronics student. What people need to know is that this servo has been copied by Chinese manufactures and sold on ebay for a fraction of the cost of the original. Problem is that the fake ones have very erratic behavior and slow response. The originals are quite smooth. If you google "Fake Futaba S3003 Servos" you will find more information.

Beware!

**mayer3d design**

July 15, 2013

Rating: ★★★★★**Application(s):** collective and cyclic 30 size helicopter (century hawk pro)**Comments:** good servo for cars I guess but do not put this servo in the air. I had a major crash of my 30 size heli because of this servo. I do not blame Futaba, it's my fault. (It's expensive to be cheap !) Alot of used 30 size heli on Ebay come with this servo so when you get your heli, put those away and go with better servos, in the end you will be spending more in servos but way less in repairs. believe me I KNOW !**collector1231**

October 20, 2013

Rating: ★★★★★**Application(s):** Losi Strike steering**Comments:** Works great, although a little slow.**nckmat**

December 5, 2013

Rating: ★★★★★**Application(s):** 2WD Stock Buggy**Comments:** Been using one of these in 2wd stock buggy that gets used at least once a week for nearly 3 years, great servo, just make sure you use a servo saver with it. Also use the copies in on-road without any issues but not as reliable as the original.[Submit your review of Futaba S3003 »](#)