

Futaba S3004 Standard Ball Bearing Servo

Stock Number	FUTM0004
Manufacturer Number	S3004
Accessories Needed	Parts Listing



Notes from the Tech Department

This is the Futaba S3004 Light Weight, Ball Bearing Servo.
This basic servo is used in cars, boats, or where standard servos are used.
Note: This servo is not designed for use with glow-powered helicopters.
This is a replacement for the following servos.(S15)

This servo can produce high-current draw from your batteries.
If using NiMH or LiPo batteries, make sure they are capable
of delivering sufficient amps.

FEATURES: Single ball bearing on output shaft
Precise tight fit throughout the geartrain
Being standard size and lightweight, it fits many applications.
Three pole motor
Nylon gears
One year warranty

INCLUDES: One S3004 standard servo with preinstalled round servo horn(FSH6W)
Four brass eyelets
Four Black one-piece rectangular rubber grommets (FUTM2348)
Four servo mounting screws
Three servo horns (1 lg. round, 1 lg."X" and 1 sm. "x")


SPECS: Speed: 0.23 sec/60° @ 4.8V
0.19 sec/60° @ 6.0V
Torque: 44 oz-in (3.2 kg-cm) at 4.8V
57 oz-in (4.1 kg-cm) at 6.0V
Dimensions: 1.6 x 0.8 x 1.4" (1-9/16 x 13/16 x 1-7/16")
(40 x 20 x 36mm)
Weight: 1.3 ounce (1-5/16oz) (37 grams)
Connector: "J" type with approx. 5" wire

COMMENTS: inch (millimeters)
1.42 (36) bottom to top of case (not output shaft)
.60 (15) flange to top of shaft
1.0 (25) flange to bottom of servo
1.59 (40.4) case length {holes on-center 1.93 (49)}
.78 (19.8) case width {holes on-center .39 (10)}

sml11/29/00
ir/jl
updt jxs 10/30/03
updt mcw 5/19/04
updt jxs 10/29/04

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