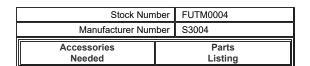
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Futaba S3004 Standard Ball Bearing Servo





Notes from the Tech Department

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

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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 \times 0.8 \times 1.4" (1-9/16 \times 13/16 \times 1-7/16") (40 \times 20 \times 36mm)  
Weight: 1.3 ounce (1-5/16oz) (37 grams)  
Connector: "J" type with approx. 5" wire
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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)}
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