**Futaba S3003 Servo Standard**

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| |  |  | | --- | --- | | Stock Number | FUTM0031 | | Manufacturer Number | S3003 | | |  |  | | --- | --- | | [**Accessories Needed**](http://www.gpdealera.com/cgi-bin/wgaacg100p.pgm?T=1&I=FUTM0031) | [**Parts Listing**](http://www.gpdealera.com/cgi-bin/wgaprt100p.pgm?I=FUTM0031) | | | | Futaba S3003 Servo Standard |

**Notes from the Tech Department**

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| This is the Futaba S3003 Standard Servo.  This basic servo is used in cars, boats, or where standard servos are used.  This is the replacement for the following servos, S138,S148,S22,S38 and S12.  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.  INCLUDES: One S3003 standard servo with preinstalled Xshape servo horn FUTM0031  Four brass eyelets  Four Black rectangular rubber grommets (FUTM2348)  Four servo mount screws  One servo wheel 1-3/8" (35mm) in diameter  One X-shape servo arm 1.5" (38mm) across  One star shaped arm 1-1/4" (32mm) across  Nylon gears  One year warranty  SPECS: Speed: 0.23 sec/60° @ 4.8V  0.19 sec/60° @ 6V  Torque: 44 oz-in (3.2 kg-cm) @ 4.8V  57 oz-in (4.1 kg-cm) @ 6V  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: 1.3oz (1-5/16oz) (37g)  Connector: "J" type with approx. 5" lead  9/20/95  ir/jl  updt jxs 10/29/03  updt jxs 4/13/04  updt mcw 5/19/04  updt jxs 10/29/04  updt JMLM 12/2/10 |