S3117

Micro Servo for Small Electric Powered Models

*Specifications are subject to change without prior notice.

[RATINGS]

•Operating speed: 0.10 sec/60° at 4.8V

 $0.09 sec/60^{\circ}$ at 6.0 V

•Output torque: 1.5 kg·cm at 4.8V

(20.8 oz.·in. at 4.8V)

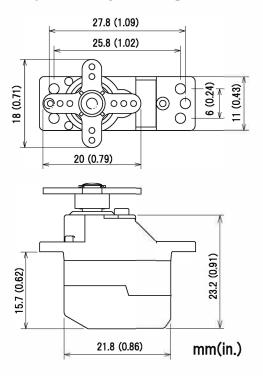
1.7kg·cm at 6.0V

(23.6 oz.·in. at 6.0V)

•Dimensions: $21.8 \times 11 \times 23.2 \text{ mm}$

 $(0.86 \times 0.43 \times 0.91 \text{ in.})$

•Weight: 8.5 g (0.30 oz.)



USAGE PRECAUTIONS

The S3117 servo is a micro servo for small electric powered models. Pay special attention to the following points.

- •Do not use S3117 servos with gas-power engine models, large gliders or other models that require high torque.
- •Using the supply voltage higher than 6.0V or applying high load to the servo will shorten the life.
- •Always use the servo horn specially designed for this micro servo. Do not use conventional servo horns.
- •Excessive force or shock to the servo horn may damage the ultra mini precision gears inside the servo.
- Never connect a battery in reverse. Otherwise, it may cause fire on the servo.
- •To use a BEC battery for multiple servos simultaneously, be sure to select the battery with a sufficient capacity.
- Please do the linkage after confirming the position of the neutral with the receiver and transmitter connected.