## S3156

## Ball Bearing / Metal Gears Micro Servo for Small Electric Powered Models

\*Specifications are subject to change without prior notice.

## [RATINGS]

•Operating speed: 0.13 sec/60° at 4.8V

 $0.11 \text{sec}/60^{\circ} \text{ at } 6.0 \text{V}$ 

•Output torque: 2.0 kg·cm at 4.8V

(27.8 oz.·in. at 4.8V)

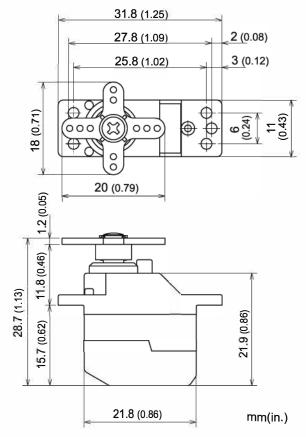
2.4kg·cm at 6.0V

(33.3 oz.·in. at 6.0V)

•Dimensions:  $21.8 \times 11 \times 21.9 \text{ mm}$ 

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

•Weight: 9.3 g (0.3 oz.)



## **USAGE PRECAUTIONS**

The S3156 servo is a micro servo for small electric powered models. Pay special attention to the following points.

- Do not use S3156 servos with gas-power engine models, large 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.