

MG90D



A small lightweight servo that is an upgraded version of the stalwart Towerpro MG90S digital servo but with more torque and greater speed. This little servo is perfect for aircraft, helicopters, mult-rotors, robots and other applications where you want a small, strong, fast servo. It is fitted with upgraded 6061-T6 aluminum gears and shafts and has a ballraced output.

The middle case is made of alloy which acts as a heatsink for the motor and electronics which enables them to keep cool when being worked hard. Supplied complete with a selection of 3 servo horns and mounting screws.

Features:

- High resolution
- Accurate positioning
- Fast control response
- Constant torque throughout the servo travel range
- Excellent holding power

Specs:

Input Voltage: **4.8~6V**

Operating Torque: **2.1kg@4.8V, 2.4kg@6V**

Operating Speed: **0.10sec/60°@4.8V, 0.08sec/60°@6V**

Normal Servo Travel: **90° (45° each way)**

Case: **Top & bottom plastic, alloy middle**

Bearing: **Double ball bearing**

Gears: **6061-T6 aluminum**

Gear Type: **Digital**

Deadband Width: **1us**

Temperature Range: **0~55°C**

Dimensions: **22.8 x 12.2 x 28.5mm**

Weight: **13g**

Output Splines: **23T (compatible with Futaba)**

Servo Plug: **JR type**

Servo Lead Length: **250mm**

Spline: **23**

Servo Torque(kg)(min. 0.01kg)	2.40	Servo Speed (Sec/60deg)	0.08
Servo A(mm)	33.00	Servo B(mm)	23.00
Servo C(mm)	29.00	Servo D(mm)	12.00
Servo E(mm)	31.00	Servo F(mm)	19.00

