

# 8160 60KG full metal gear digital servo

## Highlights:

Thick metal gears, wear-resistant and durable, longer lifespan.

Thickened shaft rod, not easy to break under high torque.

Double ball bearings, smooth and wear-resistant, higher precision.

Repairable copper sleeve allows gears to operate at high speed without wobbling.

Aluminum oxide core housing has good heat

dissipation performance, high hardness, and longer service life.

## Product Description:

Product Name: TIANKONGRC 60KG High Torque Servo

Model ID:

Product Size: 65\*30\*48mm

Product Weight: 158g  $\pm$  5%

Operating Voltage: 6-8.4V

No-load Speed: 0.17 sec/60° @ 6V, 0.13 sec/60° @ 8.4V

No-load Current: 400mA @ 6V,

Locking Torque: 58.5Kg. cm @ 6V, V

Blocking current: 8.5A  $\pm$  10% @ 4.8V, 10.4A  $\pm$  10% @ 8.4V

Control signal: Pulse width modification

Pulse width: 500~2500USec

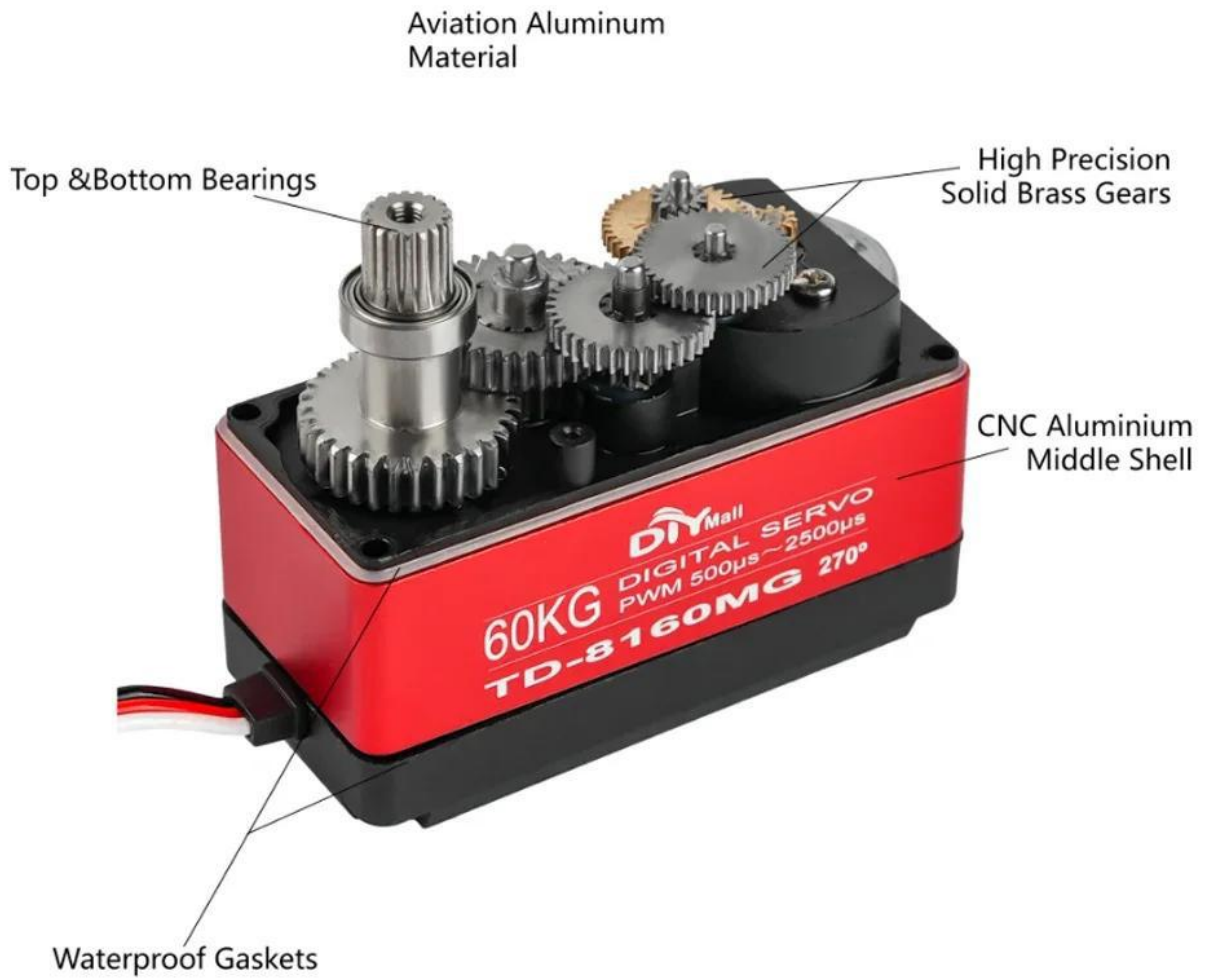
Center position: 1500Usec center error

Rotation angle:  $180^\circ + 3^\circ$  (when 500~2500Usec)

Bandwidth: 5Usec



# Metal Gear

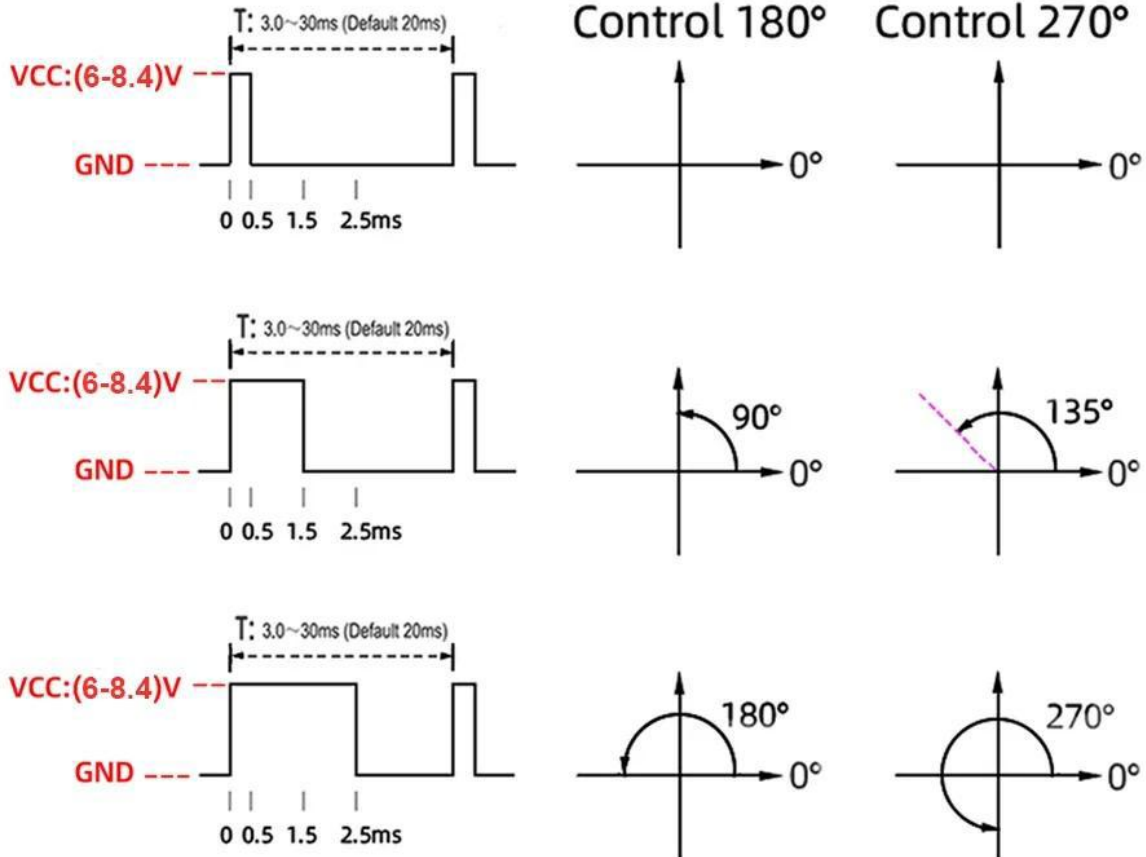


# Control Angle

**4 Type available: 90°/180°/270°/360°**

**Need PWM 500-2500us**

► Communication Interface: PWM



# Dimension

