



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Channel Mount Gearbox Kit - 360° Rotation (3.8:1 Ratio)

ROB-12601



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**Description:** These 360° rotation 3.8:1 gear ratio channel gearbox kits incorporate threaded side mounts to easily attach a standard size servo to numerous Actobotics products including tubing and channel; making it easy to incorporate a servo power gearbox into a custom pan & tilt, mechanical device, or robotic structure. Each gearbox kit includes a hardened 1/2" stainless steel final shaft with dual ABEC-5 precision ball bearings capable of supporting up to 200 pounds of vertical and horizontal loads. Additionally a precision potentiometer mounted inside the underdrive housing attached to the final output shaft provides accurate positioning feedback.

Actobotics is a robotics building system based around extruded aluminum channels, gears, precision shafts, and ball bearings. Thanks to the two standardized hole patterns, nearly all Actobotics components can be intuitively connected together. The wide range of components makes building complex electromechanical prototypes or finished projects a reality.

**Note:** This gearbox kit does NOT include a servo. Check the related items section below for different servo options. Keep in mind that these kits are only intended to use Hitec servos.

### Kit Includes:

- 1x Channel Mount Gear Box - 360° Rotation
- 1x Hub Mount Gear
- 1x 3.8:1 Servo Gear
- 1x 0.77" x 0.77" Servo Hub
- 1x 1/2" Clamp Hub
- 1x 6-32 x 3/8" Set Screw

- 4x 6-32 x 1/2" Socket Head Screw
- 4x 6-32 x 1/4" Phillips Head Screw

**Features:**

- Rated Rotation - 360°
- Maximum Rotation - 400°
- Gear Ratio - 3.8:1
- Servo Size - Standard
- Hub Pattern - 0.77"