

## 6" / 150mm Stroke Heavy Duty Linear Actuator 400 Pound / 200KG Max Lift 12 Volt or 24 Volt DC

### Application:

Mainly used for cars, lifting platforms, massage couches, electric beds, medical chairs, electric devices, micro-devices and so on. It can push, pull, lift and descend other devices.

### Feature:

- High quality
- Generate linear motion
- DC motor activated
- Heavy duty design
- Low power consumption
- Low noise design
- Wiring included, pre-installed
- Identical extending or retracting
- Built-in clutch prevents over-extending and over-compressing

### Specifications:

Working voltage: DC 12V or DC 24V

Extension: 6" / 150mm

Compressed length from center of two mounting holes (shaft retracts completely): 13" / 325mm

Extended Length from center of two mounting holes (shaft extends completely): 19" / 475mm

Speed:  $5\text{mm}\pm 2\text{mm}/\text{second}$ , or  $10\text{mm}\pm 3\text{mm}/\text{second}$ , or  $30\text{mm}\pm 5\text{mm}/\text{second}$

Max Load capacity: 400 Pound / 200 Kg at 5mm /second, or 200 Pound / 100 Kg at 10mm /second, or 100 Pound / 50 Kg at 30mm /second

The linear actuator can get the maximum load capacity when it operates in the vertical direction.

Working current: 6A (you should choose a 10A power adapter to power this actuator, like our model 0010130)

Shaft diameter: 24mm

Mounting holes diameter: 10mm

Environment temperature:  $-26^{\circ}\text{C}$  to  $85^{\circ}\text{C}$

Noise level: lower than 42dB

IP rating: IP54

Weight: 1900g

### Operation:

Extending or retracting movement

Moving direction can be changed by switching polarity.

