

## 18" / 450mm Stroke Heavy Duty Linear Actuator 100 Pound / 50KG 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: 18" / 450mm

Compressed length from center of two mounting holes (shaft retracts completely): 22" / 550mm

Extended Length from center of two mounting holes (shaft extends completely): 40" / 1000mm

Speed: 5mm±1mm /second, or 10mm±2mm /second, or 30mm±5mm /second

Max Load capacity: 100 Pound / 50 Kg at 5mm /second, or 60 Pound / 30 Kg at 10mm /second, or 40 Pound / 20 Kg at 30mm /second.

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

Working current: 3A (you should choose a 6A power adapter to power this actuator, like our model 0010127)

Shaft diameter: 20mm

Mounting holes diameter: 6mm

Environment temperature: -26°C to 85°C

Noise level: lower than 42dB

IP rating: IP65

Weight: 1450g

### Operation:

Extending or retracting movement

Moving direction can be changed by switching polarity.

