

## 6" / 150mm 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: 6" / 150mm
- Compressed length from center of two mounting holes (shaft retracts completely): 10" / 250mm
- Extended Length from center of two mounting holes (shaft extends completely): 16" / 400mm
- 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: 950g

### Operation:

- Extending or retracting movement
- Moving direction can be changed by switching polarity.

