

## 20" / 500mm Stroke Heavy Duty Linear Actuator Max Lift 6000N / 600KG / 1300 Pound

### Application:

Mainly used for cars, trucks, lifting platforms, automatic lifting vehicles, harvesters, sanitation trucks, electric beds, medical chairs, electric devices, automatic lifting machinery and so on. It can push, pull, lift and descend other devices.

### Feature:

- High quality
- Generating linear motion
- Start with DC motor
- Heavy duty design
- Low power consumption
- Low noise design
- Including wiring, pre-installed
- Identical extending or retracting
- Two built-in limit switches to prevent over-extension and over-compression
- After off or stop, it can automatically lock
- All-metal housing and high strength wear-resistant gear
- Waterproof

### Technical Parameters:

Model No.: 0041545(6000-12/24/36/48-500MM)

Working voltage: DC12V / 24V / 36V / 48V

Elongation: 20" / 500mm

Compressed length from center of two mounting holes (shaft retracts completely): 30" / 757mm

Extended Length from center of two mounting holes (shaft extends completely): 49" / 1257mm

Speed: 5mm±1mm/second, or 10mm±2mm/second, or 15mm±3mm/second, or 20mm±4mm/second, or 30mm±6mm/second

Motor power: 150W

Power supply: you should choose a 200W power adapter to power this actuator, like our model 0010128

Shaft diameter: 28mm

Mounting holes diameter: 13mm

Environment temperature: -26°C to 85°C

Noise level: less than 42 db

IP rating: IP65

Weight: 7.5kg

### Max Load capacity: (Shown as following chart)

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

Speed	5mm±1mm/s	10mm±2mm/s	15mm±3mm/s	20mm±4mm/s	30mm±6mm/s
Max Load capacity	6000N / 600KG / 1300 Pound	5000N / 500KG / 1100 Pound	4000N / 400KG / 900 Pound	3000N / 300KG / 600 Pound	2000N / 200KG / 400 Pound

### Operation:

Extending or retracting movement

Moving direction can be changed by switching polarity.

Notice: No continuous work, work every 2 minutes to rest for 20 minutes.

