

## Introduction

Be made of aluminum material, the construction of this actuator is designed with compact structure. The actuator is very light and it uses DC motor gear to slow speed. There is a microswitch inside it to make it stops automatically when reaches the end. The stroke can be customized and the application is easy and friendly use. It can replace traditional mechanical push-pull products like hydraulic pressure, barometric pressure and so on. The actuator is also environmental protection and can be widely applied to the backrest lifts of planes, ships, executive cars and massage armchairs and beds and also fire equipments, medical equipments, furnitures etc. This kind of actuator has potentiometer in it and can control stroke.

## Features

- Temperature: Range:  $-26^{\circ}\text{C}$  to  $+65^{\circ}\text{C}$
- Aluminum crust and extension tubes
- IP54 protection class
- 12VDC
- Microswitch inside it
- Mental rolling steel gear

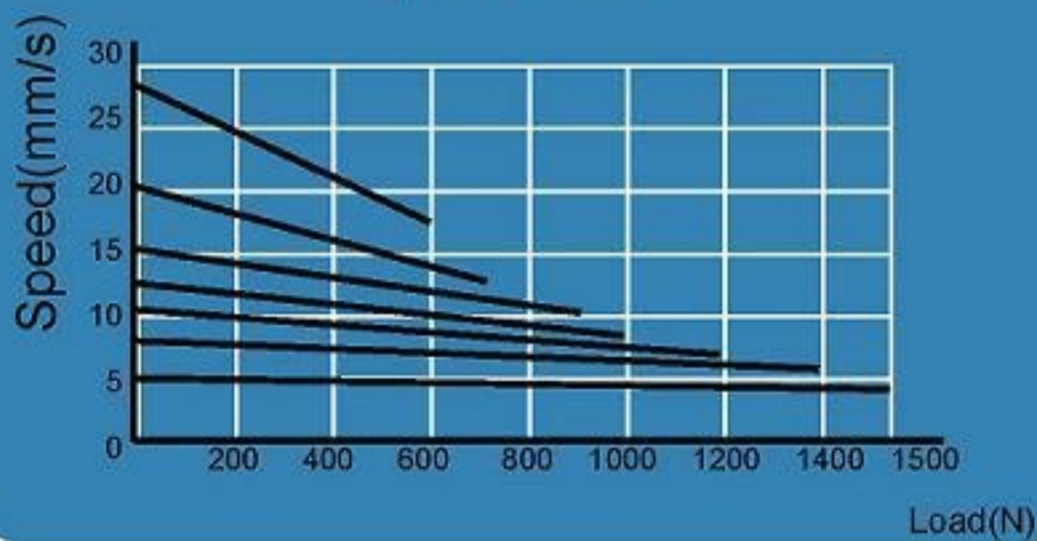
## Force data

- Max load: 500N
- Work frequency: 20% (high-speed actuator: 10%)
- Max self-locking force: 3000N
- Max lifetime: 50,000 times



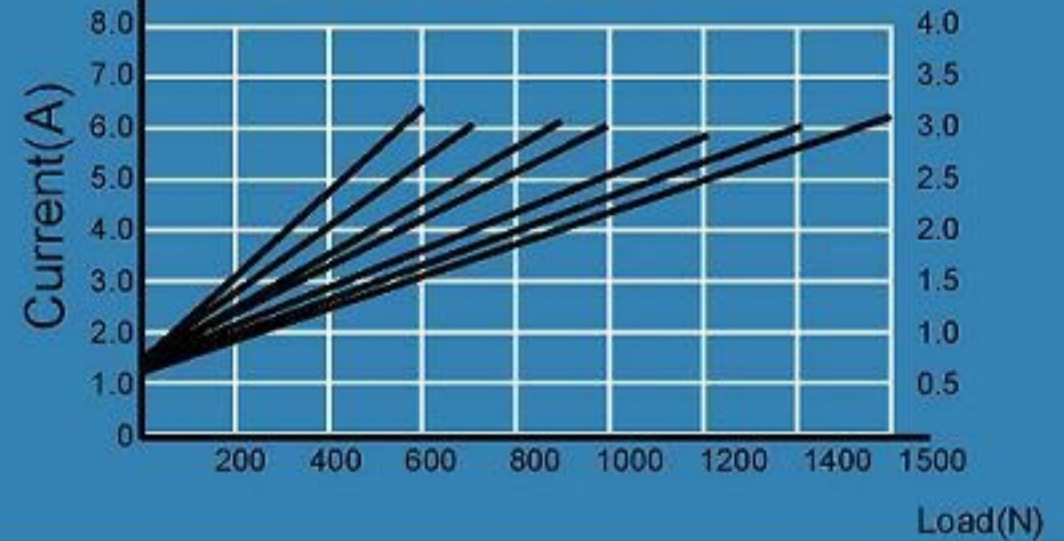
## Product test pictures

### Speed-Load



12VDC

### Current-Load



24VDC

