

Actuator

LD60



Features

- ◆ LD60 is a robust linear actuator designed for furniture and homecare application. Both of the gearbox and rear connector are made of aluminum alloy. It can be without inner/outer tubes, and use the bare screw nut as front connector, which allows bigger stroke in confined spaces.
- ◆ Main applications : furniture, homecare
- ◆ Input voltage : 24V DC
- ◆ Max. load : 6000N (push) / 6000N (pull)
- ◆ Max. speed at no load : 8.4 mm/sec (fast version)
- ◆ Max. speed at full load : 4.9 mm/sec @ 6,000N (fast version)
- ◆ Max. current : 7.0A @ 24V DC (fast version)
- ◆ Stroke : 100~400mm
- ◆ Duty cycle : 10% (max. 2 min. continuous operation)
- ◆ Aluminum alloy gearbox
- ◆ Preset cam type limit switches
- ◆ Certified : Conforming to EN 60601-1-2
- ◆ Noise level : ≤ 52 dB
- ◆ Working environment temperature : -10 ~ 60 °C

Options

- ◆ Standard / fast version
- ◆ Without inner and outer tubes
- ◆ Rear connector turns 90° in pivot orientation

Compatibility

1. Control box

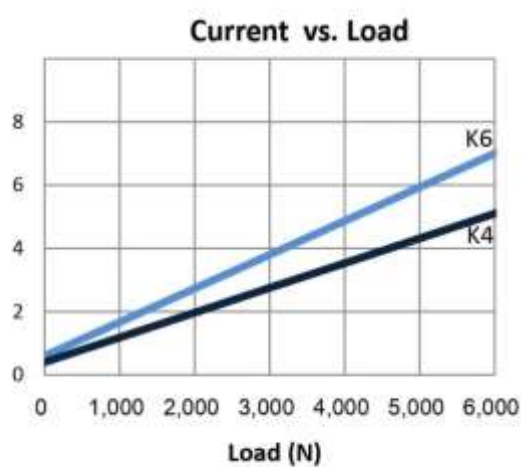
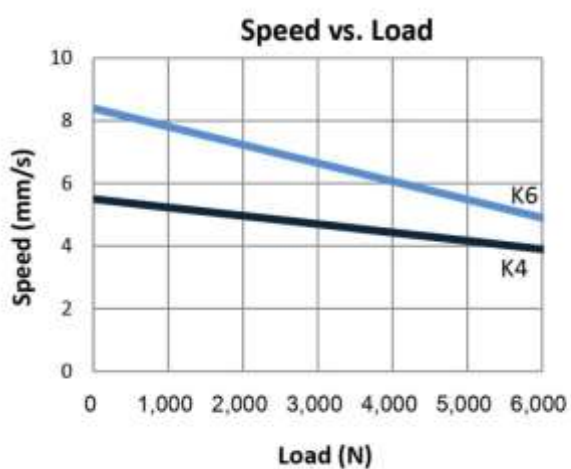
MD6C, CB4P-HP

2. Accessory

None

Performance Data

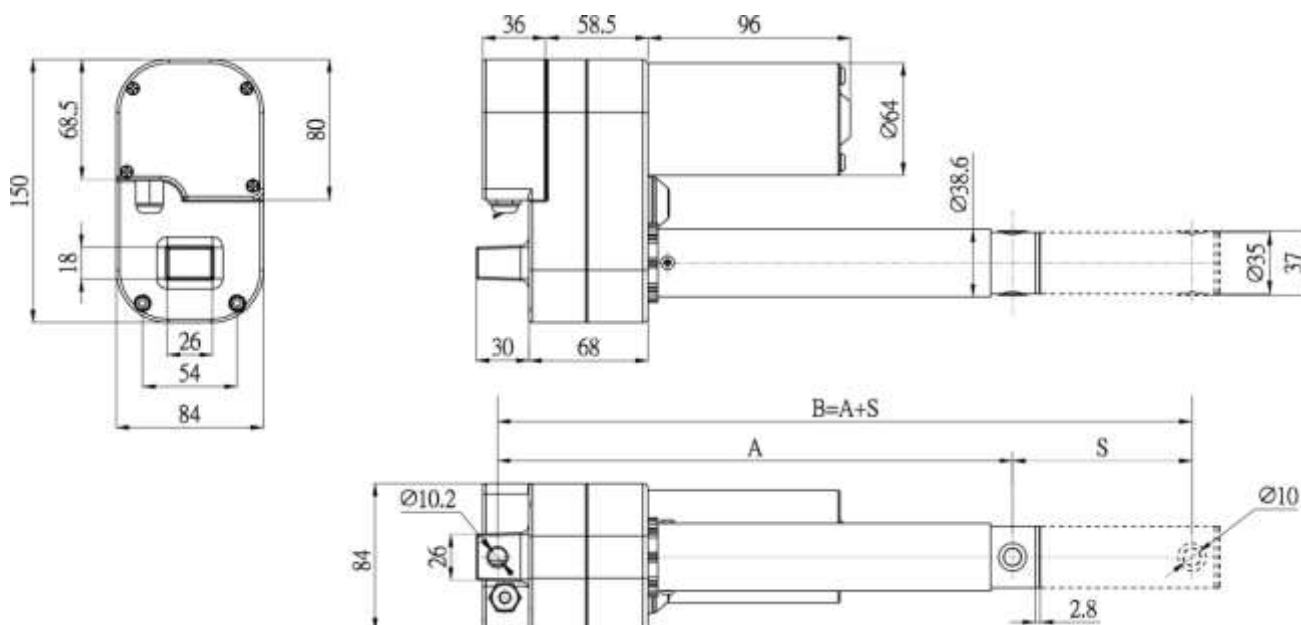
Model No.	Max. Push Load (N)	Max. Pull Load (N)	Typical Speed (mm/s)		Typical Current (A) @ 24V	
			No load	Full load	No load	Full load
LD60-24K4-XXX.XXX-XX000X	6,000	6,000	5.5	3.9	0.4	5.1
LD60-24K6-XXX.XXX-XX000X	6,000	6,000	8.4	4.9	0.6	7.0



Dimensions

1. Standard Type

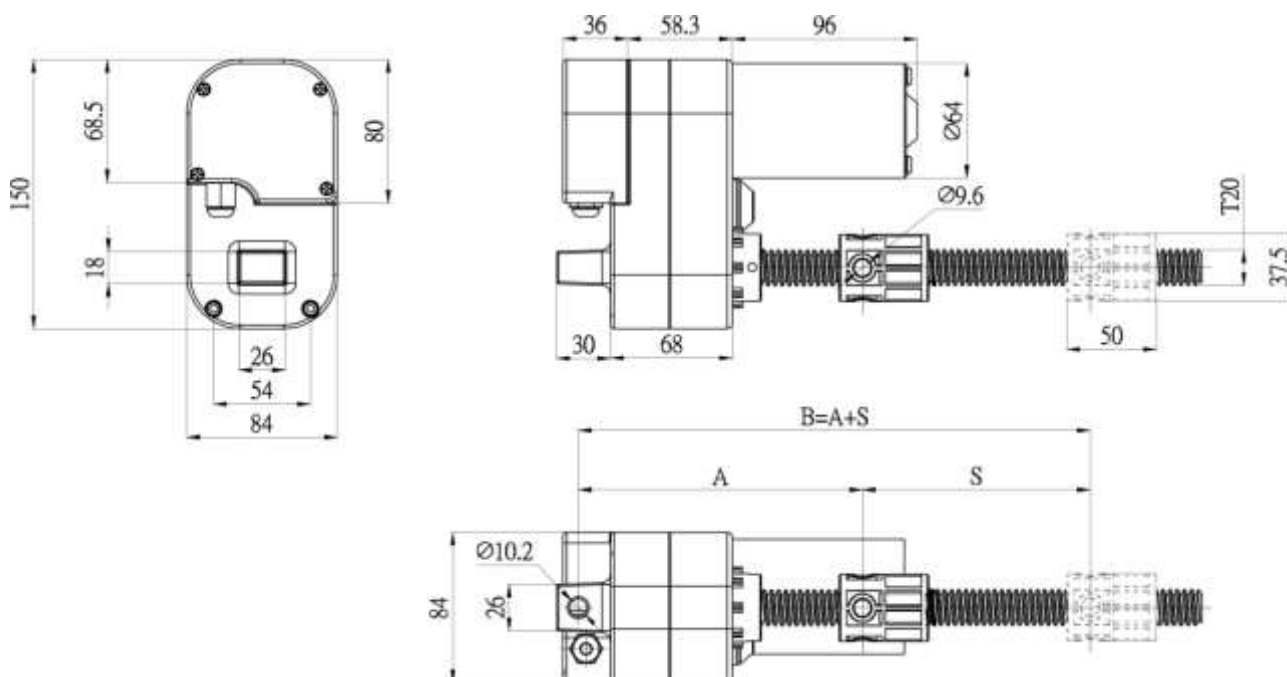
- ◆ Stroke (S) = 100 ~ 400 mm
- ◆ Retracted Length (A) \geq S+190 mm



Unit: mm

2. Without inner and outer tubes

- ◆ Stroke (S) = 50 ~ 400 mm
- ◆ Retracted Length (A) \geq 190 mm



Unit: mm

Cable Plug

1. DIN plug with Moteck F type, V type or H type shape



F type

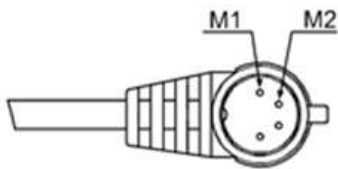


V type



H type

Pin Assignment



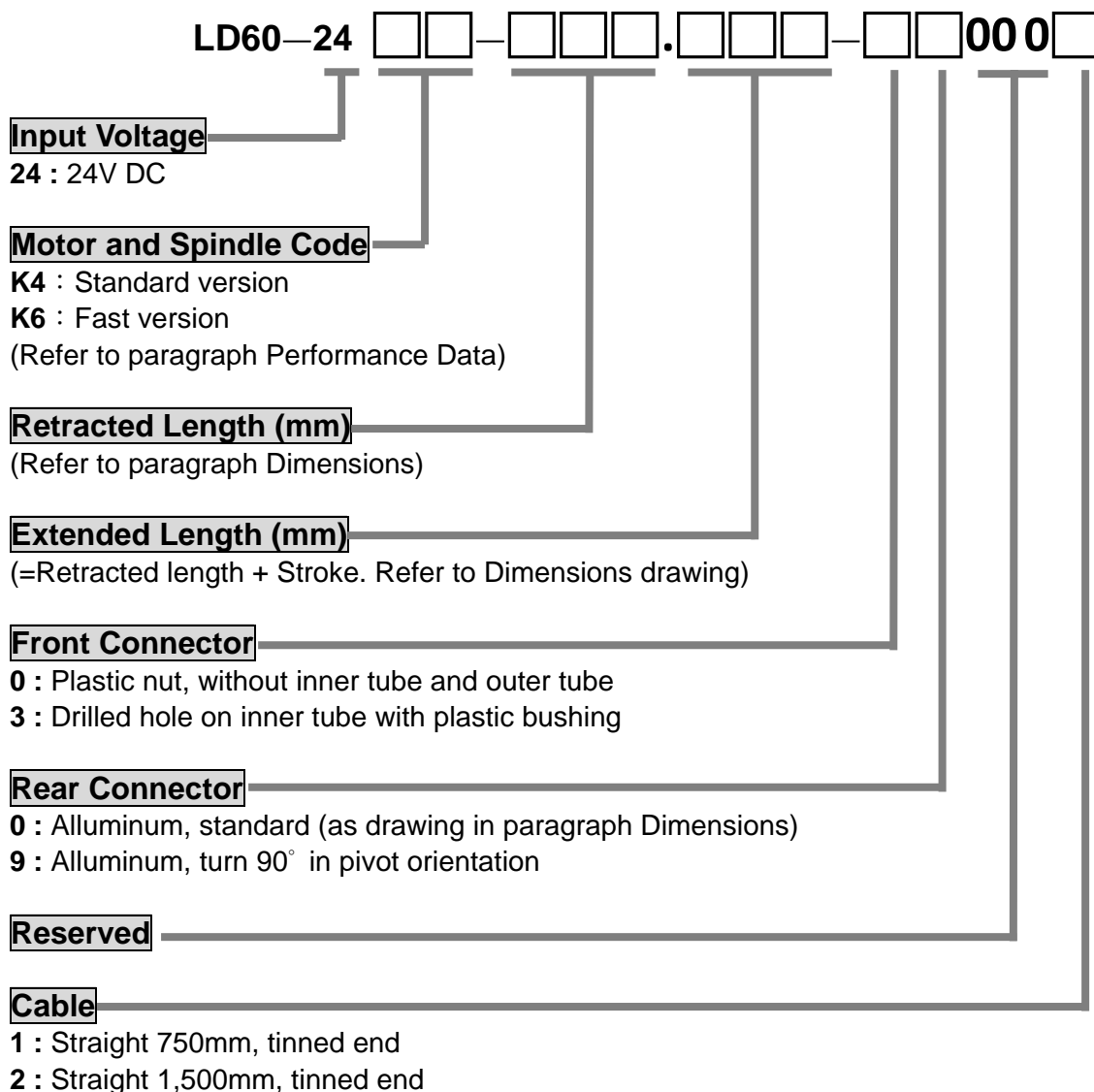
M1(+) & M2(-) : Extends

2. Phone jack ($\Phi 6.35$) with Moteck J2 type shape



J2 type ($\Phi 16.7$)

Ordering Key



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