

# MANAK-LAB25D

## Introduction of electric linear actuator

This type of compact and lightweight electric linear actuator, made of aluminium, could stop itself by taking dc motor reduction gear ratio. Its adjustable stroke makes it easy to install and operate.

This type of electric linear actuator has external magnetic switch that only feedbacks signals, if wanting to change it into electric signals to stop electric linear actuator, you should connect it to PCB. PCB is optional accessory.

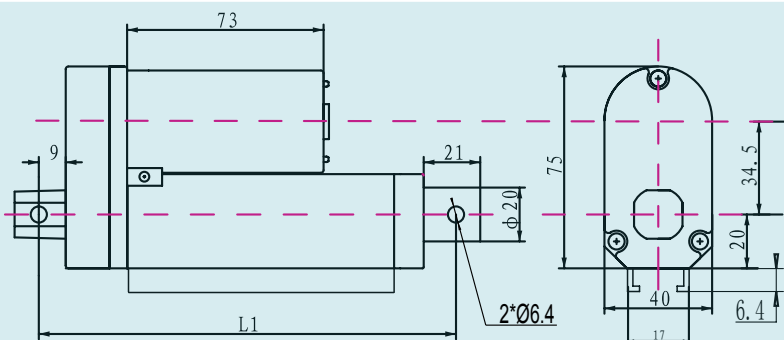
## Machine characters

- Ambient temperature: -20°C~+65°C
- Material: Aluminium alloy outer tube and pushrod
- IP Grade: IP54 or IP65
- Input voltage: 12, 24, 36, 48VDC
- external magnet switch, adjusted stroke
- Powder metallurgy gear

## FORCE DATA

- Max load: 900N
- Duty cycle: 20% (high-speed condition 10%)
- Max static load: 2300N
- working life: 50000 complete cycles

## DIMENSIONAL DRAWING

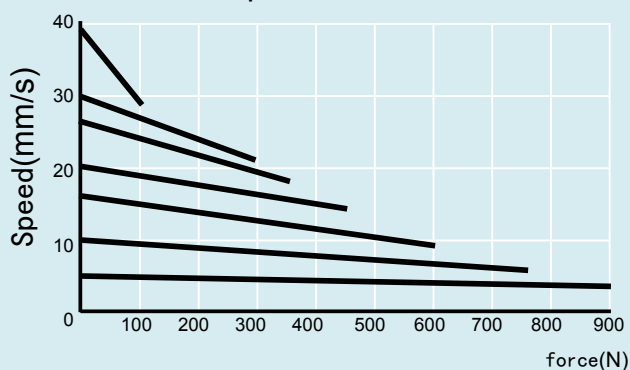


L1=Installation size

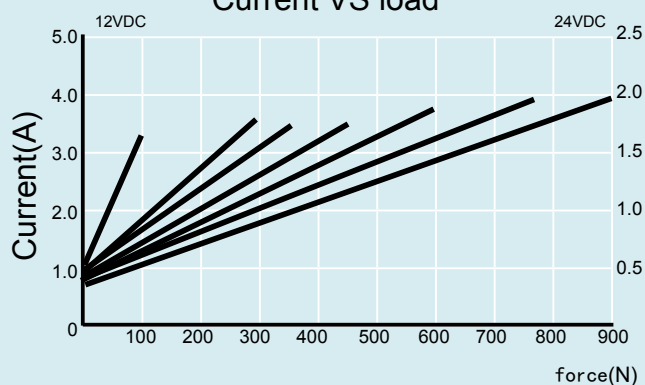
Stroke(±2 mm)	50	100	150	200	250	300
Retracted length (L1)(±2 mm)	170	220	270	320	370	420
Weight(kg)	0.7	0.82	0.9	1.0	1.1	1.23

## PERFORMANCE DIAGRAMS

Speed VS load



Current VS load



## HOW TO ORDER

MANAK	-	LAB25D	-	10	.	5	.	100	-	24	-	MR
Company		Type		Stroke(cm) 5...30cm		Speed(mm/s) 5...40mm/s		Load(Kgf) 10...100Kgf		Voltage(V DC) 12...48V DC		Special requirements M: Internal micro switch R: Anti-rotation