



## Description

The SL-LA-52 linear actuator is engineered for the toughest industrial applications, delivering powerful, reliable motion with a robust 52mm diameter design. With a maximum thrust of 6500N, this actuator is ideal for heavy-duty tasks that require strength and durability. Equipped with a high-reliability motor, the SL-LA-52 ensures consistent performance over prolonged periods, even in demanding outdoor environments, thanks to its IP67 waterproof rating. A built-in limit switch safeguards the motor against overload, enhancing its lifespan and reducing maintenance needs. The SL-LA-52 is an exceptional solution for heavy-duty automation in outdoor and industrial settings.

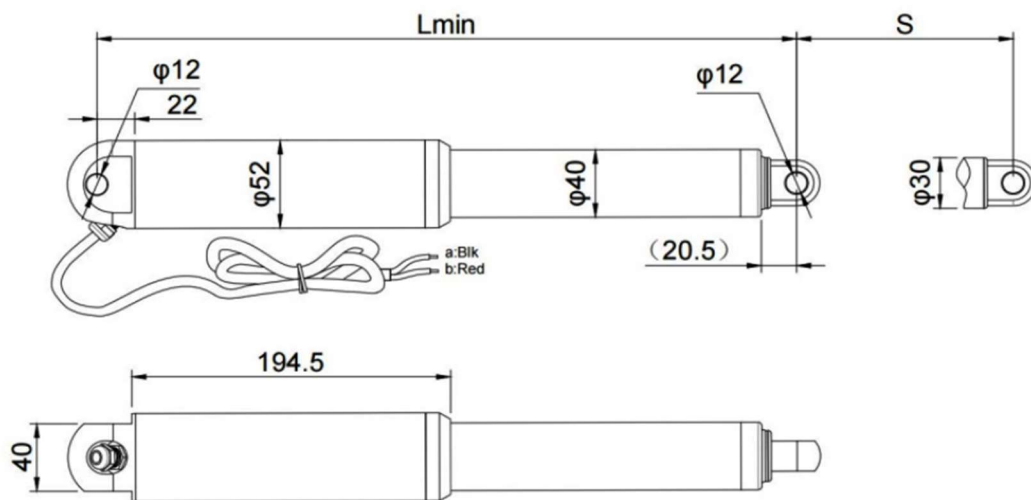
## Features

- DC 12/24V
- ∅ 52mm outer diameter
- Stainless steel inner tube (∅ 30MM)
- Maximum stroke: 1000mm
- Built-in mechanical limit
- Working environment temperature: -25°C to + 65°C
- Noise < 60db
- Waterproof level: IP67
- Options:
  - Color: black, silver optional
  - Signal feedback: Hall sensor

## Specifications

Model	Rated Load (N)	Speed(mm/s) ±10%		Current (A)				IP Rating	Material
				12V		24V			
		No-load	Load	No-load	Load	No-load	Load		
SL-LA-52-A	6500	5.0	3.8	2.5	13.0	1.5	9.0	IP67	Aluminum Alloy/ Stainless Steel
SL-LA-52-B	3000	10.0	7.5	2.5	13.0	1.5	9.0		

## Dimension



S(Stroke)	$50 \leq S < 400$	$400 \leq S \leq 700$	$700 < S \leq 1000$
Lmin	S+315	S+365	S+415

Stroke	Close Length	Open Length
50mm	365mm	415mm
100mm	415mm	515mm
150mm	465mm	615mm
200mm	515mm	715mm
250mm	565mm	815mm
300mm	615mm	915mm
350mm	665mm	1015mm
400mm	765mm	1165mm
450mm	815mm	1265mm

## Support

Email: [sales@fandeei.com](mailto:sales@fandeei.com)

T/WhatsApp: +8615902990387