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Mini Linear Actuators

LES Model Overview



For typical applications where a **Push and Pull, Lift and Lower, Open and Close** or **Tilt and Pivot** linear movement required.

Some applications include:

- ✓ Automated Locks,
- ✓ Valves,
- ✓ Medical Beds,
- ✓ Furniture,
- ✓ Windows,
- ✓ Blinds,
- ✓ Louvres,
- ✓ Solar Tracking,
- ✓ Agricultural Equipment,
- ✓ Laboratory Equipment,
- ✓ Robotics,
- ✓ Campers,
- ✓ Caravans,
- ✓ 4x4's,
- ✓ Accelerators / Throttles, Boating,
- ✓ Truck Enclosures
- ✓ and many more!

Features

- ✓ DC mini permanent magnet motor.
- ✓ **Speed** up to 27mm/s.
- ✓ Maximum **load** of 3000 N.
- ✓ Operating Temperature – 26°C ~ 65°C.
- ✓ Duty Cycle: 20 % with full load.
- ✓ **Optional:** Potentiometer
- ✓ Built in Limit Switch
- ✓ IP Grade: IP65

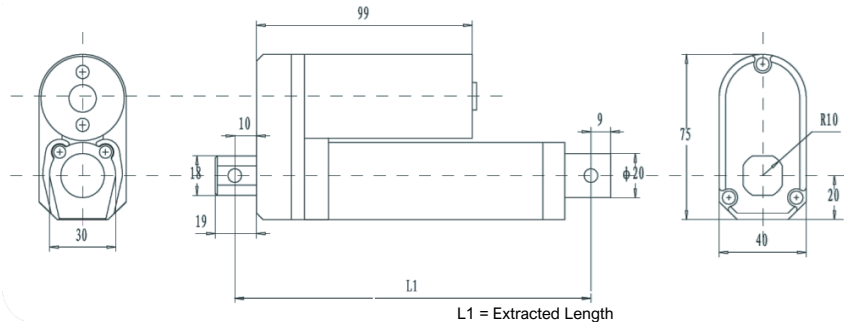
Accessories



Controller:
220 Vac Supply
12 / 24 Vdc Output

Mounting Bracket

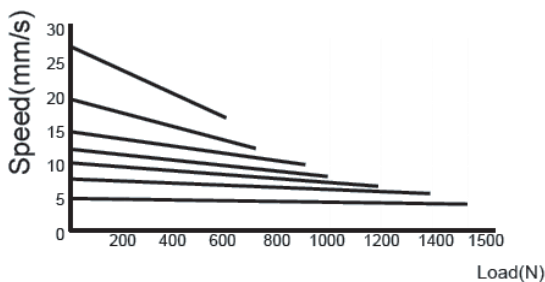
Dimensional Drawing:



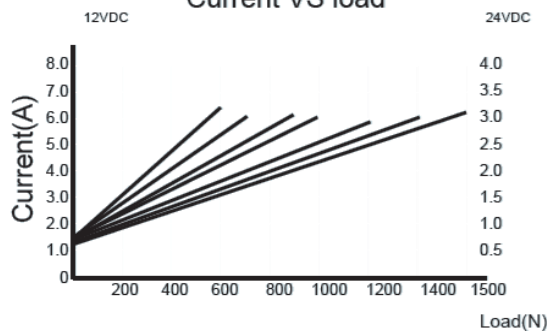
| Stroke (± 2mm) | Retracted length (L1) (± 2 mm) | Weight (KG) |
|----------------|--------------------------------|-------------|
| 50 | 155 | 0.9 |
| 100 | 205 | 1.0 |
| 150 | 255 | 1.1 |
| 200 | 305 | 1.2 |
| 250 | 355 | 1.3 |
| 300 | 405 | 1.4 |
| 500 | 605 | 1.6 |

Performance:

Speed VS load



Current VS load



Please **ensure** that when installing Linear Actuators that there is a **support system in place**. Linear Actuators are meant to **Push and Pull, Lift and Lower, Open and Close** or **Tilt and Pivot only**. **Failure** to provide a support system will cause **damage and/or failure** to the unit.

GUIDELINE DIMENSIONS ONLY

Address: 320 B Percheron Road, Kyalami, Midrand, 1684

GPS Coordinates: S 25.98115° / E 028.06869°

Information supplied here within is as per the latest documentation received from our partners. Our Partners reserve the right to make modifications without notice. Please speak to the **BirCraft** team for the most updated information.