

LINACT-B15 Linear Actuator

- Typical Applications: Solar Tracking, Industrial Equipment, Furniture, Sweepers, Campers, Instrument Aid Setting, Caravan, Louvers, Window Openers, Medical Beds, Etc.
- DC Permanent magnet motor
- Aluminium-Alloy outer tube and inner tube
- High-strength front and back ends
- Low Noise $\pm 48\text{Db}$
- Speeds from 3mm/s up to 26mm/s (full load)



Mechanical Data

- Operating temperature $+5^{\circ}\text{C} \sim +40^{\circ}\text{C}$
- Protection – IP66
- Standard Voltage: 12/24Vdc
- Built in Limit Switches
- CE Certified

Optional

- Hall sensor feedback
- Reed Switch Feedback
- Without Relay System
- Only push no pull function

Force Data

- Max Load – up to 6 000N (600Kg) push & 4 000N (400Kg) Pull
- Duty Cycle: Max 10% or 2 minutes continues use followed by 18 minutes not in use.

Specifications

Speed at No Load (mm/s)	Speed at Full Load (mm/s)	Full Load (A)	Max Load Push (N)	Max Load Pull (N)	Self-Lock (N)
5	3	4.5	6000	4000	6000
6	4	4	4000	4000	4000
10	6	4	3000	3000	3000
13	9	4	2000	2000	2000
20	13	4.5	1500	1500	1500
30	22	4	1000	1000	1000
42	26	4	750	750	750

Comments to table

- The above measures are made in connection with 24V DC stabilized voltage supply.
- LinAct Control Boxes are designed so that they will short-circuit the motor terminals (poles) of the actuator(s) when the actuator(s) are not running. This solution gives the actuator(s) a higher self-locking ability. If the actuator(s) are not connected to a LinAct control box, the terminals of the motor must be short-circuited to achieve the self-locking ability of the actuator.
- When the load in push is above 6000N, the max. stroke length is 400mm;
- When the load in push is above 4000N, the max. stroke length is 500mm;
- When the load in push is above 3000N, the max. stroke length is 600mm;
- When the load in push is above 2000N, the max. stroke length is 650mm;
- When the load in push is above 1500N, the max. stroke length is 650mm;
- When the load in push is above 1000N, the max. stroke length is 650mm.
- When the load in push is above 700N, the max. stroke length is 700mm.

Dimensional Drawing

