

LINACT-B2 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)
- Standard Stroke length: 50 - 650mm

Mechanical Data

- Operating temperature $+5^{\circ}\text{C}\sim+40^{\circ}\text{C}$
- Protection – IP54
- Standard Voltage: 12/24Vdc
- Built in Limit Switches
- Hall feedback Optional
- Reed Switch Feedback Optional
- Without Relay System Optional
- Only push no pull function Optional
- CE Certified



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

Full Load Speed	No Load Speed	Max Load Push (N)	Max Load Pull (N)	Self-Lock (N)	Full Load (A)
3	4.5	6000	4000	6000	4
4	6	4000	4000	4000	3.3
6	9	3000	3000	3000	3.3
9	13	2000	2000	2000	4
13	20	1500	1500	1500	4
21	30	1000	1000	1000	3.8
26	42	750	750	750	4.5

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 750N, the max. stroke length is 700mm;

Dimensional Drawing

