

LINACT-TR-29 Track Actuator

- Typical Applications: Indoor applications, TV Lift, Drop Down Video Camera, Drop Down Projector, Home Automation, Kitchen Automation, sliding doors, sliding whiteboards & chalkboards, Custom cabinetry, TV Lift and many more.
- Stroke Length: Custom Lengths up to 1200mm

Mechanical Data

- Operating temperature +5°C~+40°C
- Standard Voltage: 12Vdc & 24Vdc
- Built in Limit Switches
- Noise Level ± 45 dB
- Standard Protection Class: IP20
- CE Certified
- *Hall Sensor Feedback: Optional*
- *Without Relay System: Optional*
- *Matching Control Box: Optional*



Force Data

- Max Load –4000N (400Kg) Push & 3000N (300Kg) Pull
- 10% Duty Cycle. (2 minutes Continues followed by 18 minutes not in use)

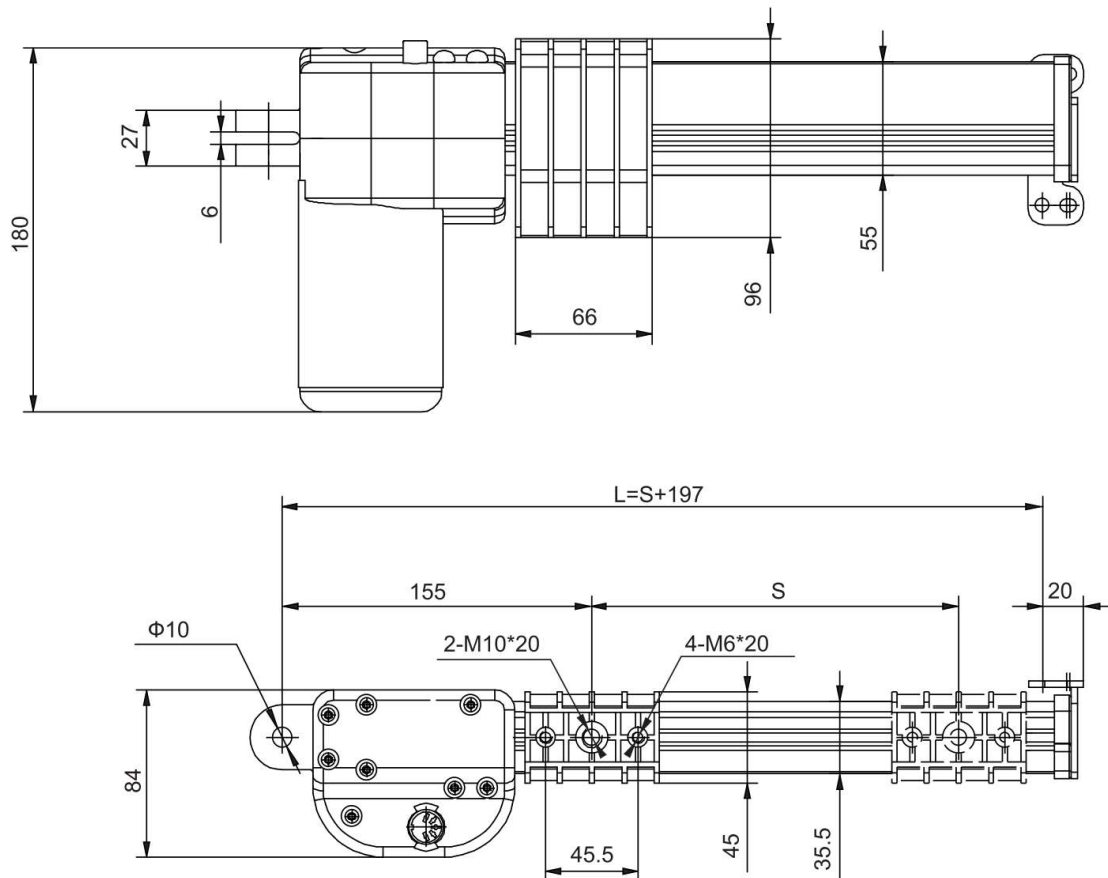
Specifications

Spindle pitch mm	Max. load push (N)	Max. load pull (N)	Self-lock (N)	Typical speed Unloaded (mm)	Typical speed full load (mm)	Typical Amp full load (A)
5	4000	3000	4000	6	4	4
7.5	3000	2000	3000	9.5	6	4
5	2000	1500	2000	13	9	4
7.5	1500	1000	1500	20	13	4.5
12	1000	750	1000	30	21	4
16	750	500	750	42	22	4

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 4000N, the max. stroke length is 400mm;
- When the load in push is above 3000N, the max. stroke length is 500mm;
- When the load in push is above 2000N, the max. stroke length is 600mm;
- 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.

Dimensions:



Installation Dimensions: $L = S + 197$