

TA26

Series



Product Segments

Comfort Motion

Model Series

TecHome's TA26 series electric linear actuator is designed for furniture applications such as recliners or lift chairs. This linear actuator is designed to function as a direct cut system, eliminating the need for a control box, offering a straightforward and cost effective alternative to complex electric actuation systems.

General Features

Voltage of motor	12V DC or 24V DC
Maximum load	4,000N in push
Maximum load	2,000N in pull
Maximum speed at full load	12.8mm/s (with 2,000N in a push condition)
Minimum installation dimension	Stroke+120mm
Color	Black
Operational temperature range	+5°C~+45°C
Option	Hall sensor(s)

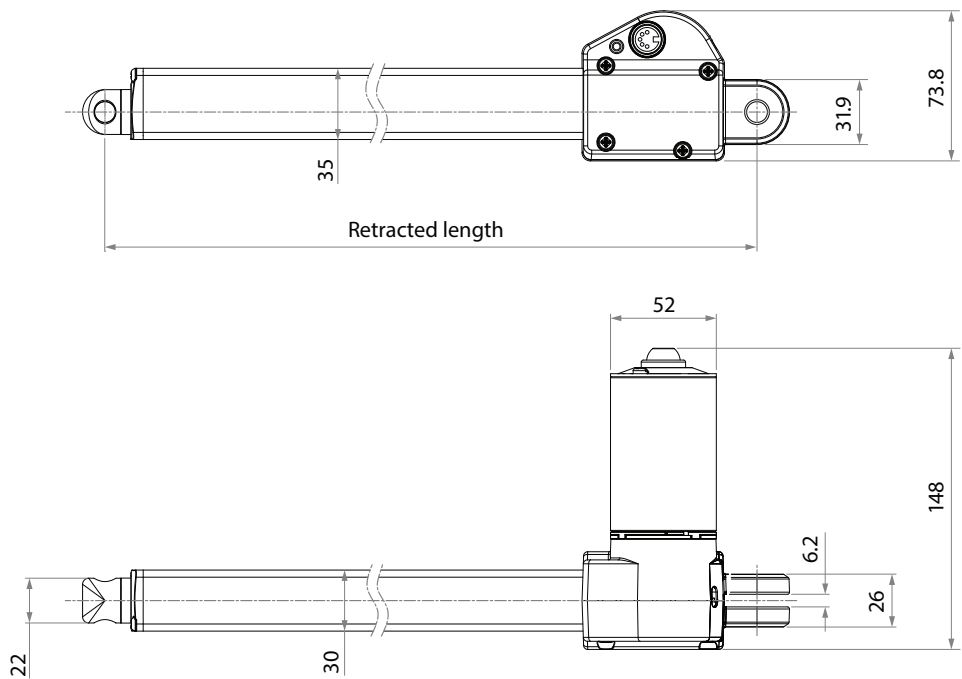


MOTION AND AUTOMATION

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Drawing

Standard Dimensions
(mm)



Load and Speed

CODE	Load (N)		Self locking force (N)	Typical Current (A)		Typical Speed (mm/s)	
	Push	Pull		No Load 32V DC	With Load 24V DC	No Load 32V DC	With Load 24V DC
Motor Speed (3800RPM, Duty Cycle 10%)							
A	4000	2000	3000	1.0	5.0	12.0	6.1
B	3000	2000	500	1.0	5.0	18.0	7.5
C	2000	2000	350	1.0	4.5	24.0	12.8

Note

- 1 With a 12V motor, the current is approximately twice the current measured in 24V; speed will be similar for both voltages.
- 2 Above self lock performance needs working with TecHome control system.
- 3 Speed and current are measured when pushing.