

TA21

Series



Product Segments

Care Motion
Ergo Motion
Industrial Motion

TA21 Series

TecHome's TA21 electric linear actuator was designed for use in height adjustable medical and industrial workstations. Customers have a high degree of design flexibility with this actuator as it does not include a standard outer tube. This allows manufacturers to decide on the exact aesthetic and ingress specifications for their electric lifting column and overall application.

General Features

Voltage of motor	24V DC
Maximum load	10,000N in push
Maximum load	6,000N in pull
Maximum speed at full load	16.2mm/s (with 4000N in a push or pull condition)
Color	Black or grey

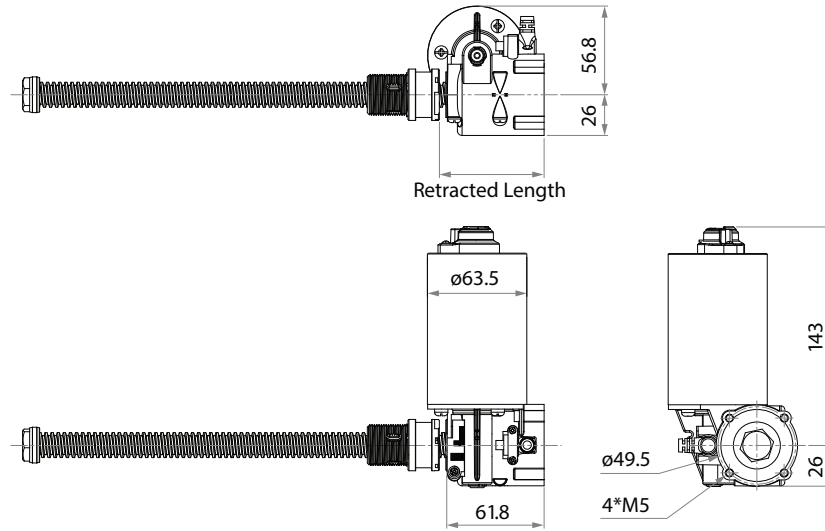


MOTION AND AUTOMATION

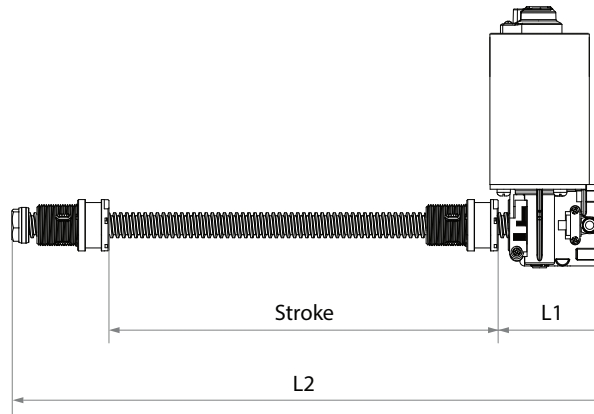
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Drawing

Standard Dimensions
(mm)



Retracted length L1, Min ≥ 67 mm (need NOT add stroke length)



Load and Speed

CODE	Load (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	10000	6000	2.0	15.0	16.1	6.3
C	7000	6000	2.0	9.0	16.4	8.3
D	4000	4000	2.0	9.5	32.9	16.2

Note

- 1 Self locking force: Tested average value when working with TecHome control system