

TL4

series



Product Segments

• Ergo Motion

TecHome's TL4 series lifting columns are specifically designed for use in ergonomic desks and work tables. Using multiple TL series lifting columns with compatible TC series Control Boxes and TH/TDH series controls, work surfaces can be controlled quietly and smoothly with synchronous movement. All Ergo Motion TC series control boxes have a less than 0.06W standby power option that reduces power consumption. Our wide range of columns offer customers the solutions they require to satisfy their working environment project requirements. The TL4 has a three part telescopic outer tube that is designed for a narrow-top, wide-bottom square appearance.

General Features

Maximum load	800N in push
Maximum speed at full load	28.0mm/s (with 800N in a push condition)
Minimum installation dimension	590mm (not including base)
Dimension of outer tube (L*W)	70*70mm
Stroke	650mm
Current at rated load	6.0A
Color	Black, white, grey, or special grey
Three part outer tube with square appearance	
With narrow top and wide bottom configuration	

Load and Speed

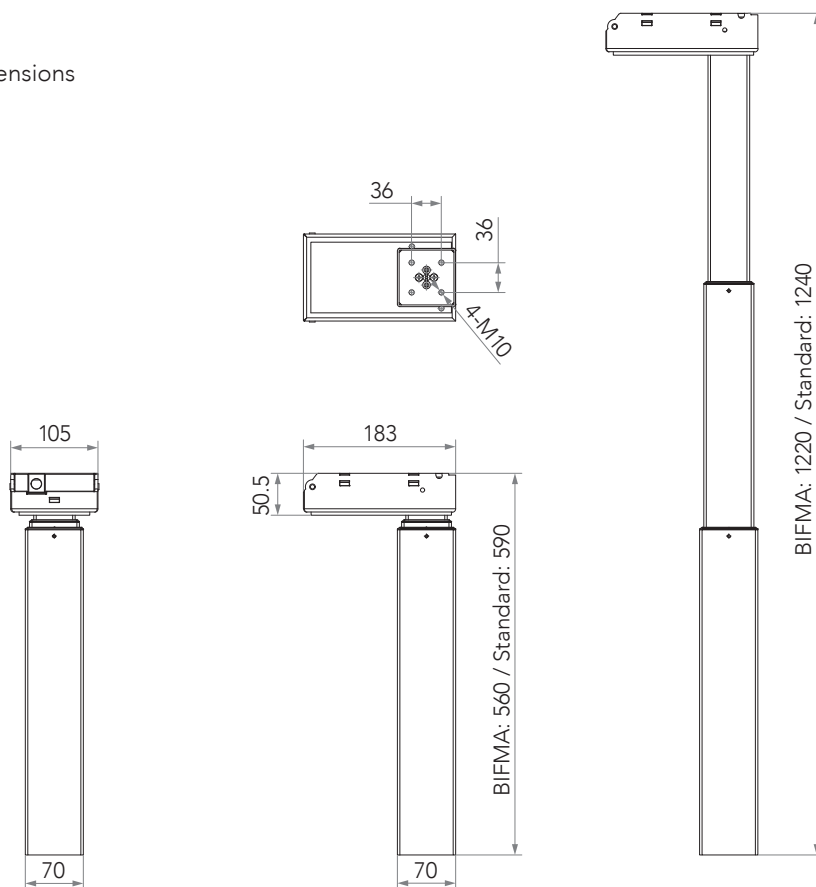
CODE	Load Push (N)	Self locking force Push (N)	Stretch Current (A)	Stretch Speed (mm/s)	
				No Load (32V DC)	With Load (24V DC)
Motor Speed (5200RPM)					
C	800	1200	6.0	58.0	28.0

Note

- 1 Above self lock performance needs working with TecHome control system.
- 2 Parameters above are from tested average, please refer to approval drawing for final value.

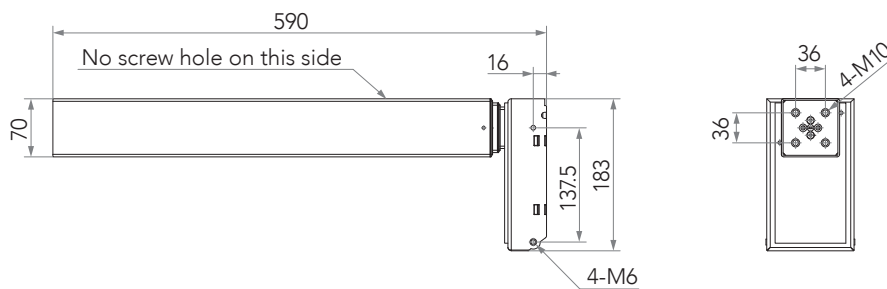
Drawing

Standard Dimensions (mm)



Installation Guide

(mm)



TL4 Ordering Key

TL4

Version: 20160425-F

<input type="checkbox"/>	Voltage	2 = 24V	
<input type="checkbox"/>	Load and Speed	See page 2.	
<input type="checkbox"/>	Stroke (mm)	650mm (Standard)	
<input type="checkbox"/>		660mm (BIFMA)	
<input type="checkbox"/>			
<input type="checkbox"/>	Retracted Length (mm)	590mm (Standard)	
<input type="checkbox"/>		560mm (BIFMA)	
<input type="checkbox"/>			
<input type="checkbox"/>	Color	1 = Black (RAL 9005), black wiper 2 = Grey (RAL 9006), black wiper 3 = White (RAL 9016), black wiper 4 = Special grey (RAL 9022), black wiper	6 = Grey (RAL 9006), grey wiper 7 = White (RAL 9016), white wiper 8 = Special grey (RAL 9022), grey wiper
<input type="checkbox"/>	Installation	0 = Standard (bottom: 36, 36), with Step	1 = Standard (bottom: 36, 36), without Step
<input type="checkbox"/>	Output Signals	2 = Two Hall sensors	
<input type="checkbox"/>	Connector	1 = DIN 6pin, 90° plug	E = Molex 8pin, plug (standard)
<input type="checkbox"/>	Cable Length	1 = Straight, 500mm	4 = Straight, 1500mm

Terms of Use

The user is responsible for determining the suitability of TecHome products for a specific application. TecHome products are subject to change without prior notice.