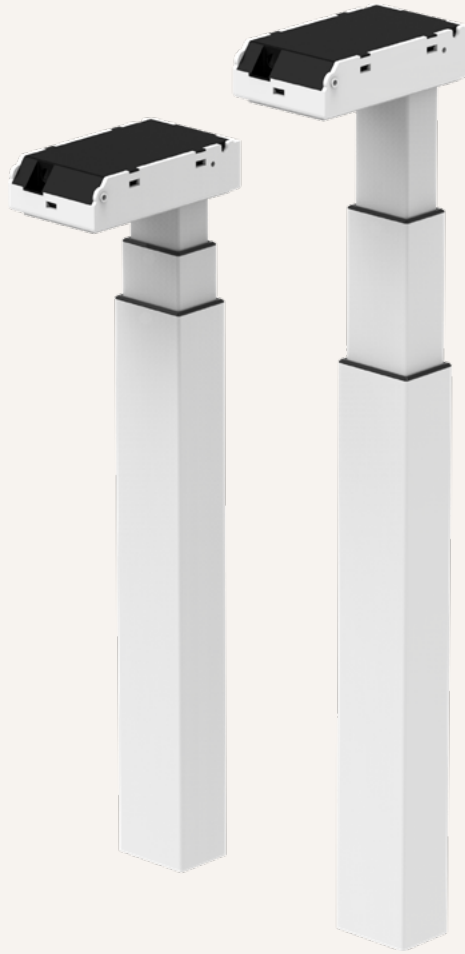


# TL10H

series



## Product Segments

### • Ergo Motion

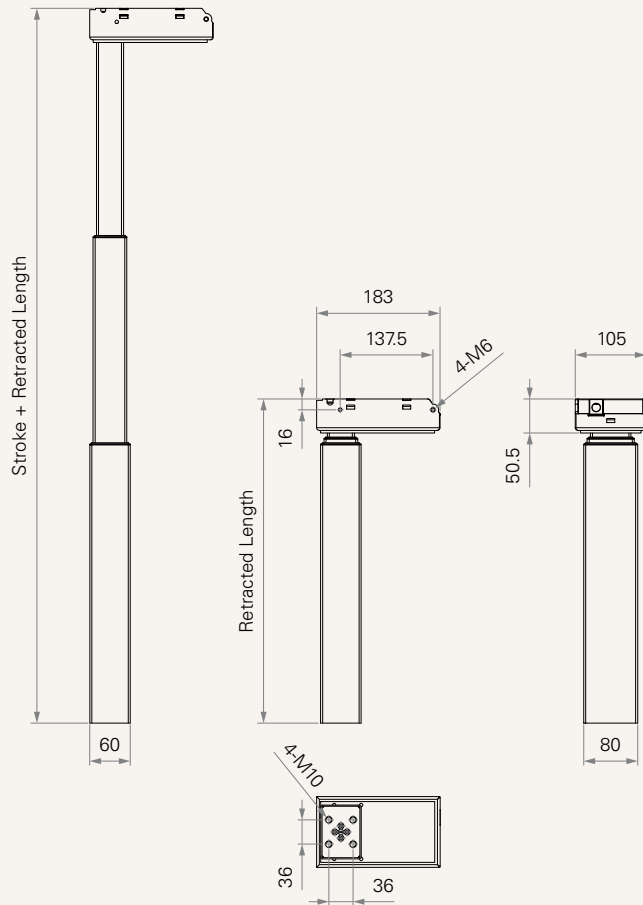
The TL10H is a heavy-duty lifting column for Ergo applications with a large capacity (120kg per column). With the same dimensions and fixation methods as TL10, it's compatible with the control box for Ergo Motion and TEK series. This lifting column is suitable for consoles, workbenches, industrial workstations, heavy tabletops, and other heavy loading applications.

#### General Features

Max. load	1,200N (push)
Self-locking force	1,200N
Max. speed at max. load	19mm/s
Max. speed at no load	23mm/s
Retracted length	Standard (compatible with foot): 590mm Extended (compatible with shoe): 610mm
Dimension of outer tube	80*60mm, rectangular
Stages	3-stage
Stroke	650mm
Output signals	Hall sensors
Voltage	24V DC
Color	Black, white, grey, or special colors
With motor house	

**Drawing**

Standard Dimensions  
(mm)



**Load and Speed**

CODE	Load (N)	Self Locking Force (N)	Typical Current (A)		Typical Speed (mm/s)	
	Push		No Load 29V DC	With Load 29V DC	No Load 29V DC	With Load 29V DC
<b>Motor Speed (5200RPM)</b>						
E	1200	1200	2.8	6.0	23.0	19.0

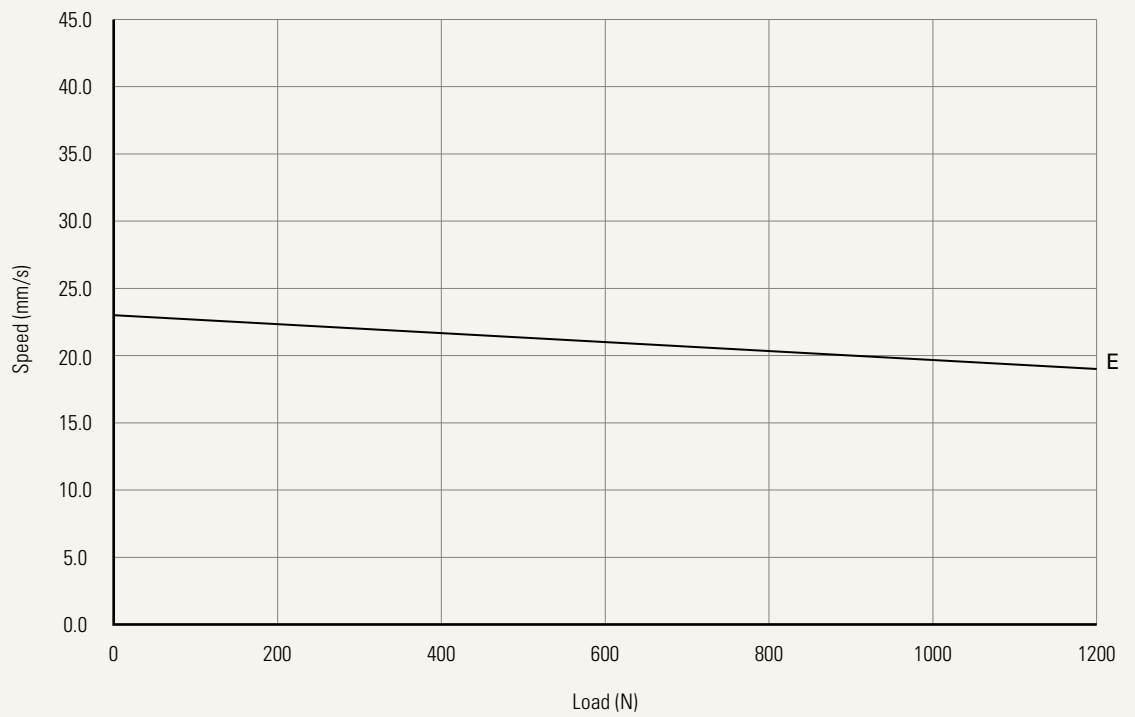
**Note**

- 1 Above self lock, typical current and typical speed performance are tested with Timotion control boxes.
- 2 Parameters above are from tested average, please refer to approval drawing for final value.

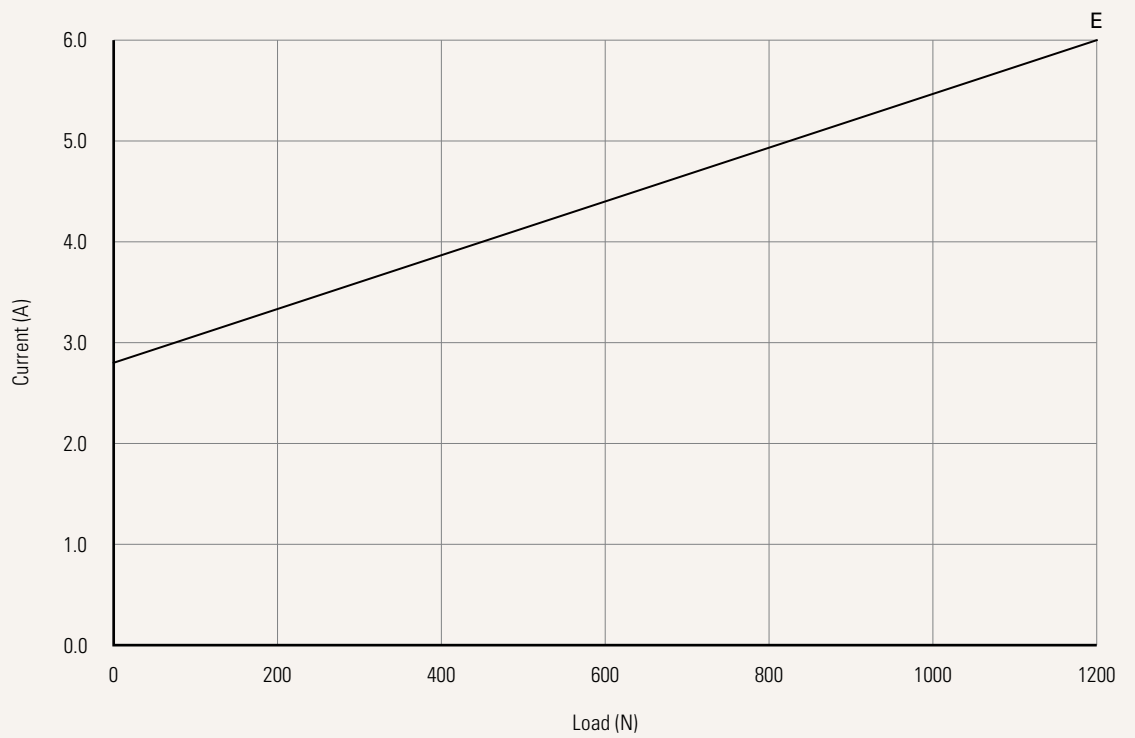
### Performance Data (24V DC Motor)

Motor Speed (5200RPM)

Speed vs. Load



Current vs. Load



<b>Appearance of Motor House</b>	C = TiMOTION standard			
<b>Voltage</b>	2 = 24VDC			
<b>Load and Speed</b>	<a href="#">See page 2</a>			
<b>Stroke &amp; Retracted Length (mm)</b>	<a href="#">See page 5</a>			
<b>Color</b>	1 = Black, RAL 9005	2 = White, RAL 9016	3 = Grey, RAL 9006	4 = Special grey, RAL 9022
<b>Wiper Color</b>	1 = Black	2 = White	3 = Grey	4 = Matte black
<b>Bracket</b> <a href="#">See page 5</a>	0 = Without L = Left, Standard bracket	R = Right, Standard bracket		
<b>Bottom Plate Type</b>	1 = M10			
<b>Bottom Plate Height</b>	1 = Standard			
<b>Output Signals</b>	2 = Hall sensor * 2			
<b>Connector</b>	1 = DIN 6P, 90° plug E = Molex 8P, 180° plug, standard		F = Molex 8P, 90° plug, without anti-clip, for TC22/TC23	
<b>Cable Length (mm)</b>	1 = Straight, 500	3 = Straight, 1000	4 = Straight, 1500	

### Note

<sup>1</sup> The TL is designed especially for push applications, not suitable for pull applications.

## Stroke & Retracted Length (mm)

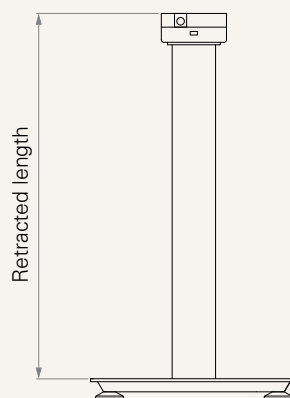
Foot Assembly	Stroke & Retracted Length
	Standard
Standard, for Foot (Excluding Foot)	650 / 590
Extended Outer Tube for Shoe (Excluding Shoe)	650 / 610

### Note

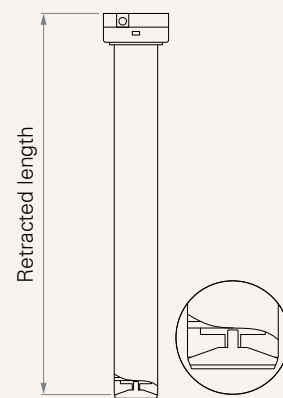
1 Only specific TEK could be with the shoes, please refer to TEK speccode

## Foot Assembly

Standard, for foot (excluding foot)

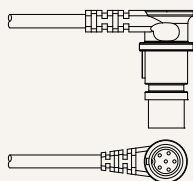


Extended outer tube for shoe (excluding shoe)

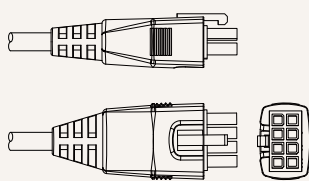


## Connector

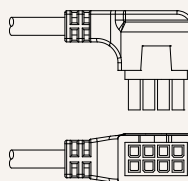
1 = DIN 6P, 90° plug



E = Molex 8P, 180° plug, standard

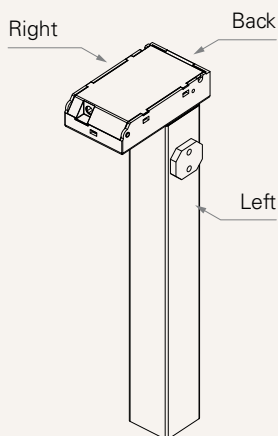


F = Molex 8P, 90° plug, without anti-clip, for TC22/TC23



## Bracket

Standard direction



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