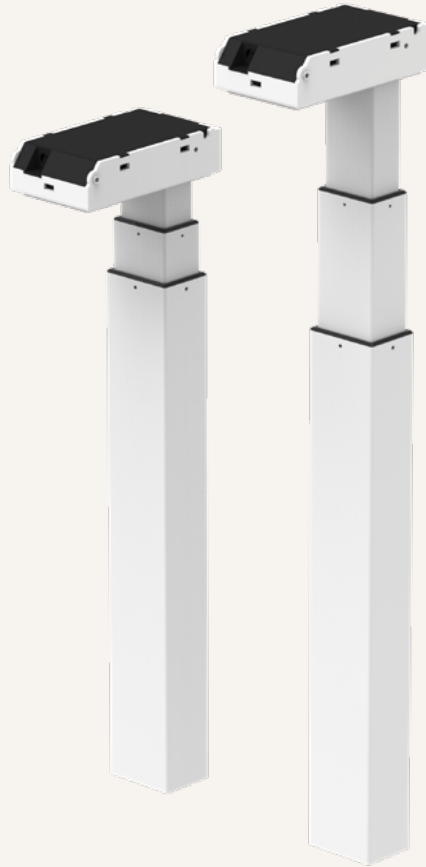


TL10H

series



Product Segments

- **Ergo Motion**

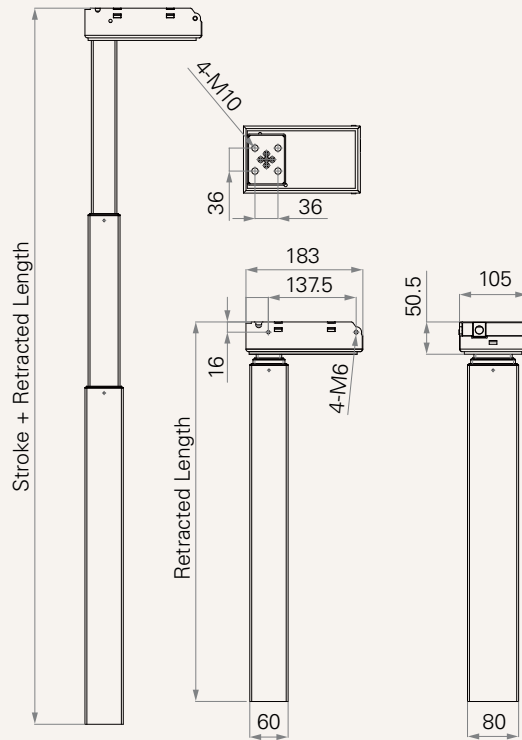
The TL10H is a heavy duty lifting column for Ergo applications with a large capacity (120kg per column). With the same dimensions and fixation methods as TL10, it's compatible with the control box for Ergo Motion and TEK series. This lifting column is suitable for consoles, workbenches, heavy table tops,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

General Features

Maximum load	1200N in push
Maximum speed at full load	15mm/s (with 1200N in a push condition)
Minimum installation dimension	590 /560(M)/ 520 (S)mm
Stroke	650 /660(M/S)mm
Dimension of outer tube (L*W)	80*60mm
Three stage outer tube with rectangular appearance	
With narrow top and wide bottom configuration	

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 24V DC	No Load 29V DC	With Load 24V DC
Motor Speed (5200RPM)						
E	1200	1800	2.8	6.0	23.0	15.0

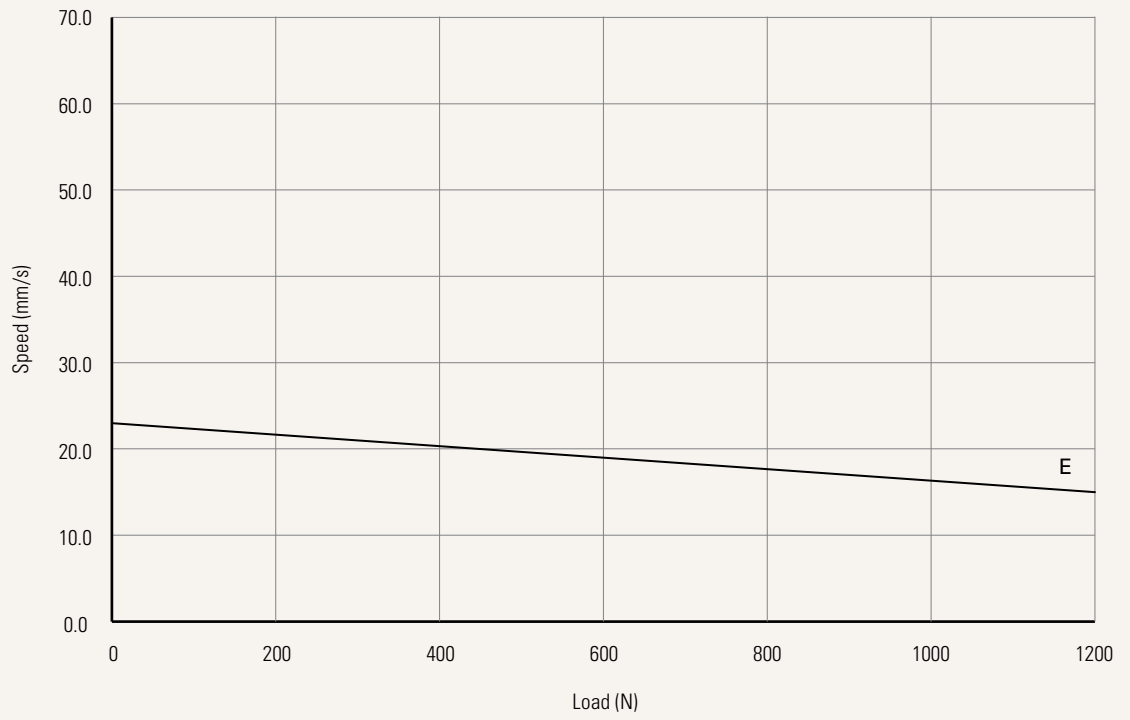
Note

- 1 This self-locking force level is reached only when a short circuit is applied on the terminals of the motor. All the TiMOTION control boxes have this feature built-in.
- 2 Parameters above are from tested average, please refer to approval drawing for final value.

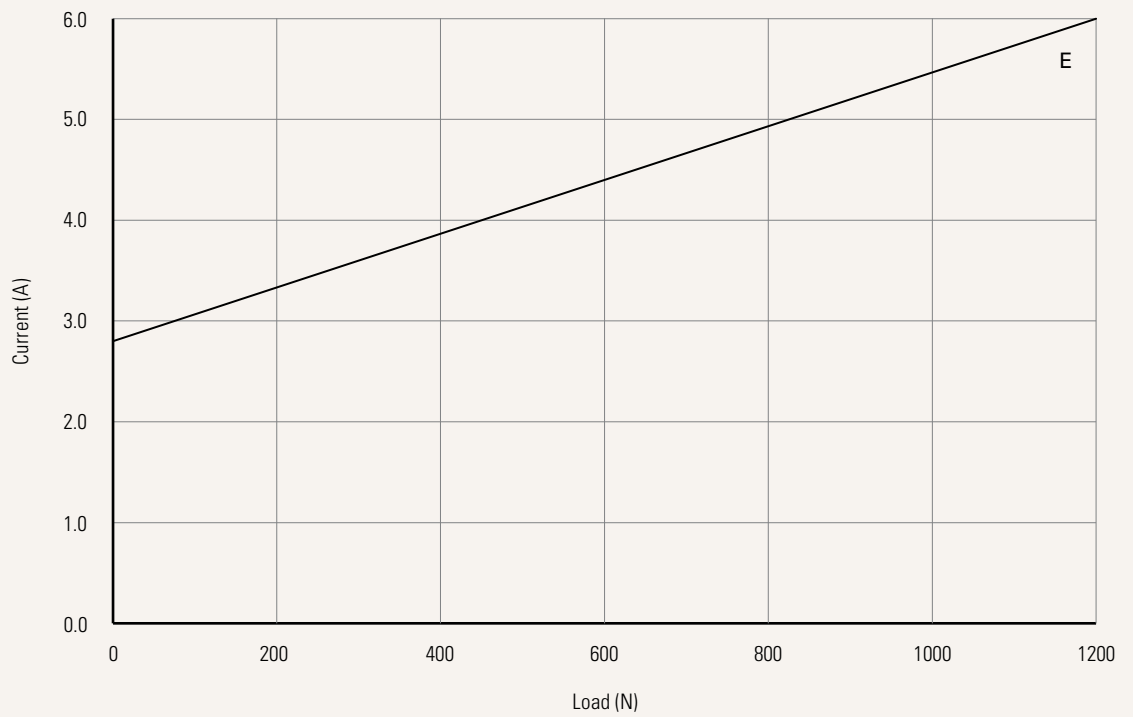
Performance Data (24V DC Motor)

Motor Speed (5200RPM)

Speed vs. Load



Current vs. Load



Appearance of Tube	B = With wiper fixing holes at sides See page 5		
Voltage	2 = 24V DC		
Load and Speed	See page 2		
Stroke & Retracted Length (mm)	See page 5		
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 B = Matte black, RAL 7021, Black wiper C = Graphite grey (RAL7024), Black wiper D = Matte black, RAL 7021, Matte Black wiper	
Motor Housing Step	0 = With	1 = Without	
Output Signals	2 = Hall sensor*2		
Connector	1 = DIN 6P, 90° plug See page 5 E = Molex 8P, plug, standard		
Cable Length (mm)	1 = Straight, 500	4 = Straight, 1500	
Welding Part	0 = Without See page 6 L = Left	R = Right F = Front	B = Back

Note

¹ The TL is designed especially for push applications, not suitable for pull applications.

Stroke & Retracted Length (mm)

A. Stroke & Retracted Length (mm)

Foot Assembly	Stroke & Retracted Length		
	Standard	M	S
Standard	650 / 590	660 / 560	660 / 520
With Shoes	650 / 610	660 / 580	-

Note

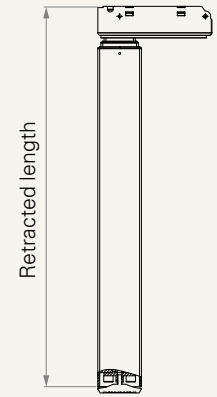
1 Only specific TEK could be with the shoes, please refer to TEK speccode

Foot Assembly

Standard

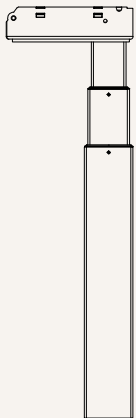


With shoes



Appearance of Tubes

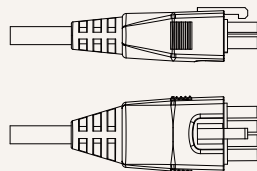
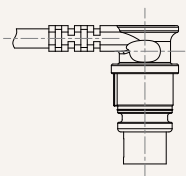
B = With wiper fixing holes at sides



Connector

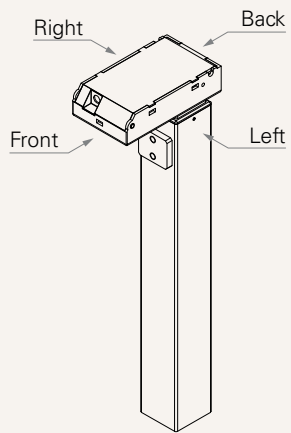
1 = DIN 6P, 90° plug

E = Molex 8P, plug, standard



Welding Part

Direction



Terms of Use

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