

TL37S

series



Product Segments

- **Ergo Motion**

TiMOTION's TL37S is a two-stage, inline lifting column with a rectangular-profile featuring a slim appearance all while maintaining a high degree of stability. Without any protruding motor housing, it is ideally suited for ergonomic monitor stands, desk applications, or design-oriented motion furniture that require a clean, elegant appearance.

Features

- Load and speed per column¹²

Code	Load (N)	Self Locking Force (N)	Current (A) with 24V DC		Speed (mm/s) with 24V DC	
	Push		No Load	With Load	No Load	With Load
C	700	700	≤2.0	≤5.0	42±6	32±5

- Retracted length
Standard outer tube: 645mm
Extended outer tube: 665mm
- Stroke
430mm
- Outer profile
90*60mm rectangular
- Stages
2-stage
- Output signals
Hall sensor * 2
- Voltage
24V DC
- Color³
 RAL9005
  RAL9006
  RAL9016
  RAL9022
- Product weight
5.9Kg /column

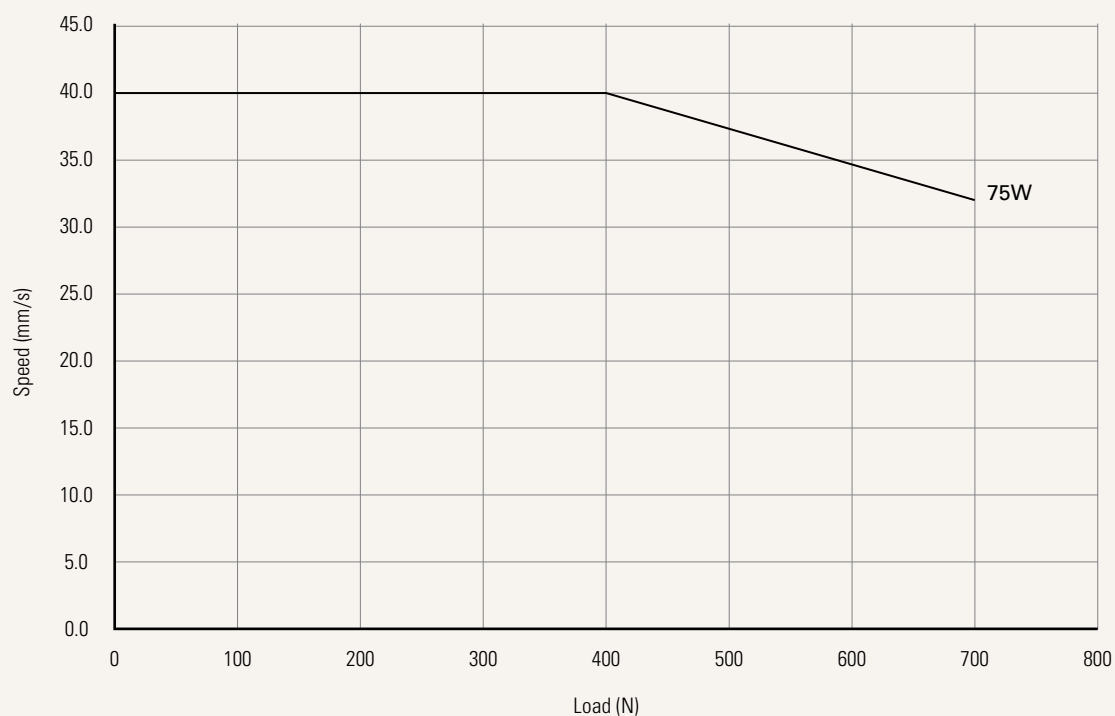
Note

- ¹ The self locking force, current, and speed performance are tested with TiMOTION control boxes.
- ² The parameters are based on average test values; final specifications are subject to the approval drawings.
- ³ For more color options, please consult your sales representative.

Performance Data with Control Box

The following is the performance data of one column driven by an Ergo Motion control box TC11P. The load is evenly distributed on the work surface.⁴

- TL37S, two columns driven by TC11P



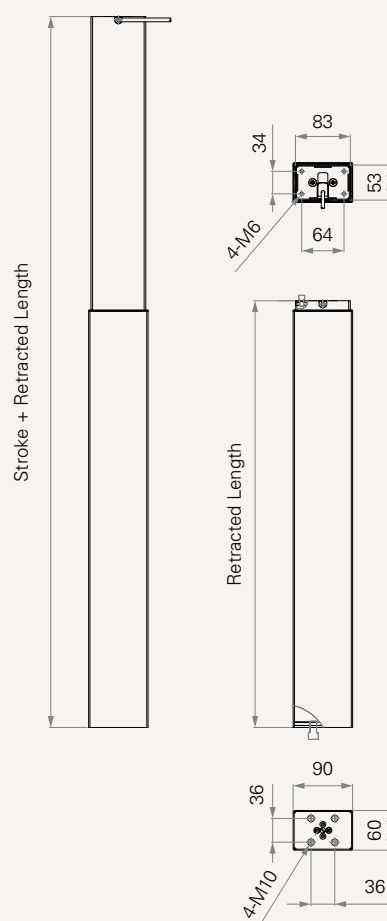
TC11P Spec	Load (N)	Constant Speed (mm/s) with TC11P
75W	700	40

Note

⁴ The corresponding control box software is required.

Drawing

Standard Dimensions
(mm)



Stroke & Retracted Length			
	Options	Stroke (mm)	Retracted Length (mm)
Standard Outer Tube Compatible with Foot (Excluding Foot)	Standard	430	645
Extended Outer Tube Compatible with Shoe (Excluding Shoe)	Standard	430	665

Note

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

TL37S Ordering Key

TL37S

Version: 20260504-E

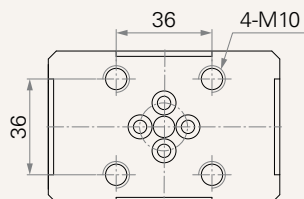
	Appearance of Tubes	C = Without wiper fixing holes at sides			
	Voltage	2 = 24V DC			
	Load and Speed	See page 2			
	Stroke & Retracted Length (mm)	430 645 = 430645			
		See page 4			
	Color	1 = Black, RAL 9005	2 = White, RAL 9016	3 = Grey, RAL 9006	4 = Special grey, RAL 9022
	Wiper Color	1 = Black	2 = White	3 = Grey	4 = Matte black
	Bracket	0 = Without			
	Bottom Plate Type (mm)	1 = M10, 36*36, TiMOTION standard			
		See page 6			
	Top Plate Type (mm)	2 = M6, 34*64, TiMOTION standard			
		See page 6			
	Output Signals	2 = Hall sensor * 2			
	Connector	G = Molex 6P, plug, standard		H = Molex 6P, socket	
	Cable Length (mm)	1 = Straight, 200, standard			
	Extension Cable Connector	0 = Without 1 = Molex 6 pin (plug) to Molex 8 pin (plug), 180° plug 2 = Molex 6 pin (plug) to Din 6 pin (plug) 3 = Molex 6 pin (plug) to Molex 8 pin (plug), 90° plug, without anti-clip 4 = Molex 6 pin (socket) to Molex 8 pin (plug), 180° plug, standard 5 = Molex 6 pin (socket) to Molex 6 pin (plug), 180° plug, standard			
	Extension Cable Length (mm)	1 = Straight, 500	3 = Straight, 1000	4 = Straight, 1500	

Note

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

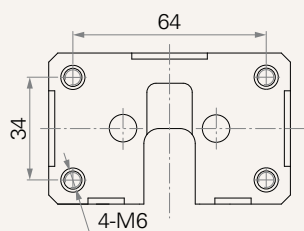
Bottom Plate Type (mm)

1 = M10, 36*36, TiMOTION standard



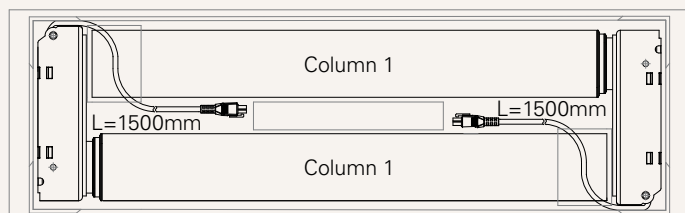
Top Plate Type (mm)

2 = M6, 34*64, TiMOTION standard



Package

Package of one TL part number

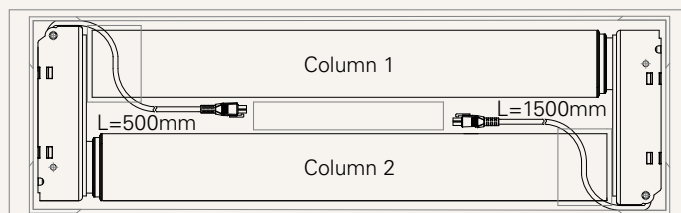


Column: 2pcs TL/box (Same PN& cable length)

Electronic control system: Without

Weight with package: 12KG

Package of two TL part numbers in pairs

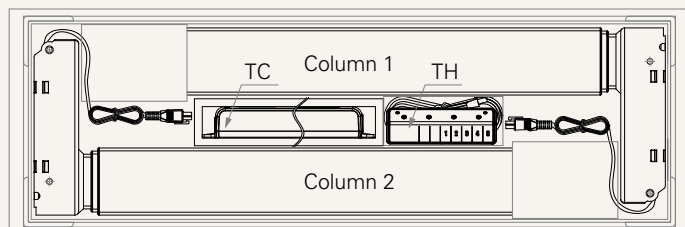


Column: 2pcs TL/box (Different PN, cable length, for pair use)

Electronic control system: Without

Weight with package: 12KG

Package of MP part number set-TL in pairs + electronic control system



Column: 2pcs TL/box (Different PN, cable length, for pair use)

Electronic control system: TC + TH

Weight with package: 13KG

Terms of Use

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