

TL6

series



Product Segments

- **Ergo Motion**

The TL6 has a three stage telescopic outer tube that is designed for a narrow-top, wide-bottom round appearance, with an inline actuator (TA20) embedded. Without a motor housing design, it is suitable for ergonomic furniture applications. It is the perfect choice for design-oriented lifting furniture in need of a neat structure and space optimization.

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	≤ 2.2	≤ 5.5	42	30

- Retracted length
Standard (compatible with foot): 590 / 560(M) / 520(S)mm
Extended (compatible with shoe): 610 / 580(M) / 540(S)mm
- Stroke
650mm
660mm (M/S)
- Outer profile
Ø70mm round
- Stages
3-stage
- Output signals
Hall sensors
- Voltage
24V DC
- Color³
 RAL9005
  RAL9006
  RAL9016
  RAL9022
- Operational temperature range
+5°C~+45°C
- Product weight
6.5kg /column
- Inline column
- The TL6 can only be used in pairs; single column usage is not recommended

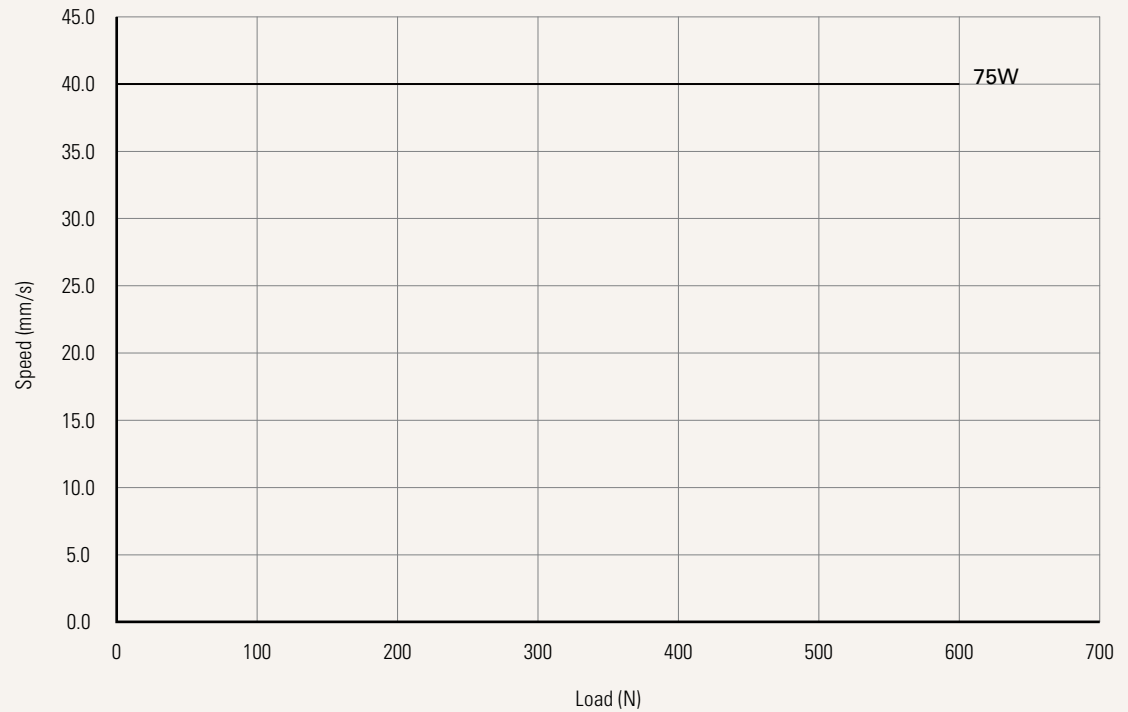
Note

- 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

- TL6, two columns driven by TC11P



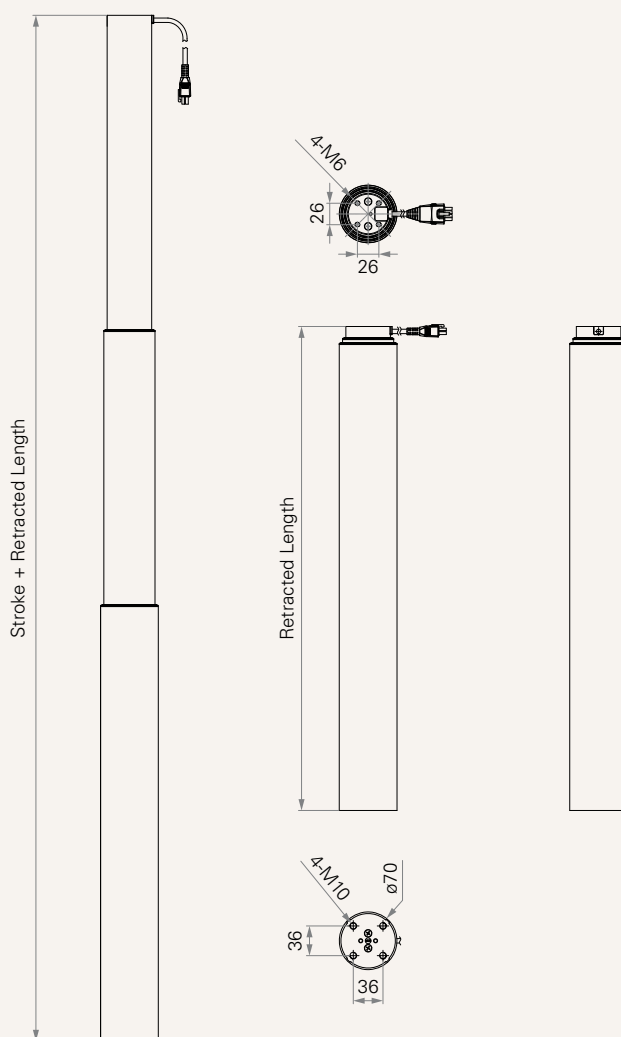
TC11PTC15S Spec	Load (N)	Constant Speed (mm/s) with TC11P
75W	600	40

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	650	590
	M	660	560
	S	660	520
Extended Outer Tube Compatible with Shoe (Excluding Shoe)	Standard	650	610
	M	660	580
	S	660	540

Note

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

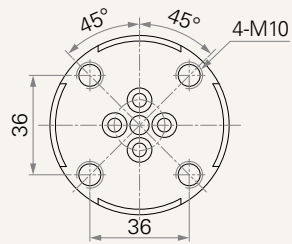
Appearance of Tubes	C = Without wiper fixing holes at sides			
Voltage	2 = 24V DC			
Load and Speed	See page 2			
Stroke & Retracted Length (mm)	650 590 = 650590 See page 4			
Color	1 = Black, RAL 9005	2 = White, RAL 9016	3 = Grey, RAL 9006	4 = Special grey, RAL 9022
Wiper Color	1 = Black	2 = White	3 = Grey	4 = Matte black
Bracket	0 = Without			
Bottom Plate Type See page 6	1 = M10, 36*36, TiMOTION standard		2 = M6, 36*36, TiMOTION standard	
Top Plate Type See page 6	2 = M6, 26*26, TiMOTION standard			
Output Signals	2 = Hall sensor * 2			
Connectort	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	
Extension Cable Length (mm)	0 = Without	1 = Straight, 500	3 = Straight, 1000	4 = Straight, 1500

Note

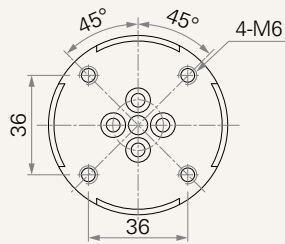
¹ The TL is designed especially for push applications, not suitable for pull applications.

Bottom Plate Type (mm)

1 = M10, 36*36, TiMOTION standard

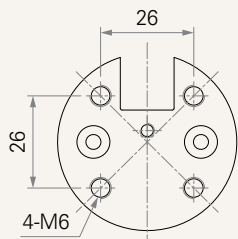


2 = M6, 36*36, TiMOTION standard



Top Plate Type (mm)

2 = M6, 26*26, TiMOTION standard



Terms of Use

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