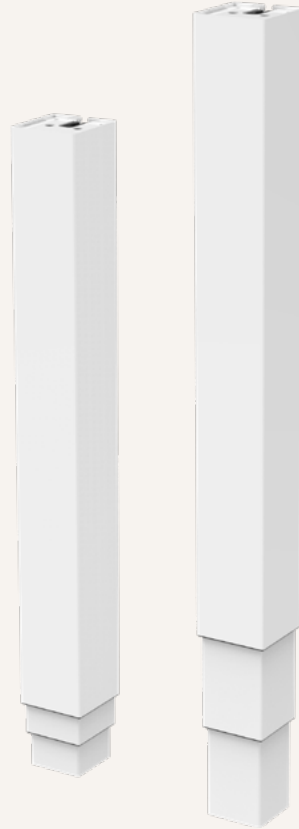


TL20SR

series



Product Segments

- **Ergo Motion**

The TL20SR has a three-stage telescopic outer tube design that has a wide top, narrow bottom square appearance, with an embedded inline actuator (TA20). The TL20SR is ideally suited for ergonomic furniture applications as it comes without a motor housing. It is the perfect choice for design-oriented lifting furniture that needs a clean appearance while simultaneously optimizing space.

Features

- Load and speed per column¹²

Code	Load (N)	Self Locking Force (N)	Current (A) with 29V DC		Speed (mm/s) with 29V DC	
	Push		No Load	With Load	No Load	With Load
C	700	700	≤ 2.2	≤ 5.5	42.0	30.0

- Retracted length 590mm
- Stroke 650mm
- Outer profile 70*70mm square
- Stages 3-stage, upside down
- Output signals Hall sensors
- Voltage 24V DC
- Color³

 RAL9005
  RAL9006
  RAL9016
  RAL9022
- Operational temperature range +5°C~+45°C
- Product Weight 6.5kg / column

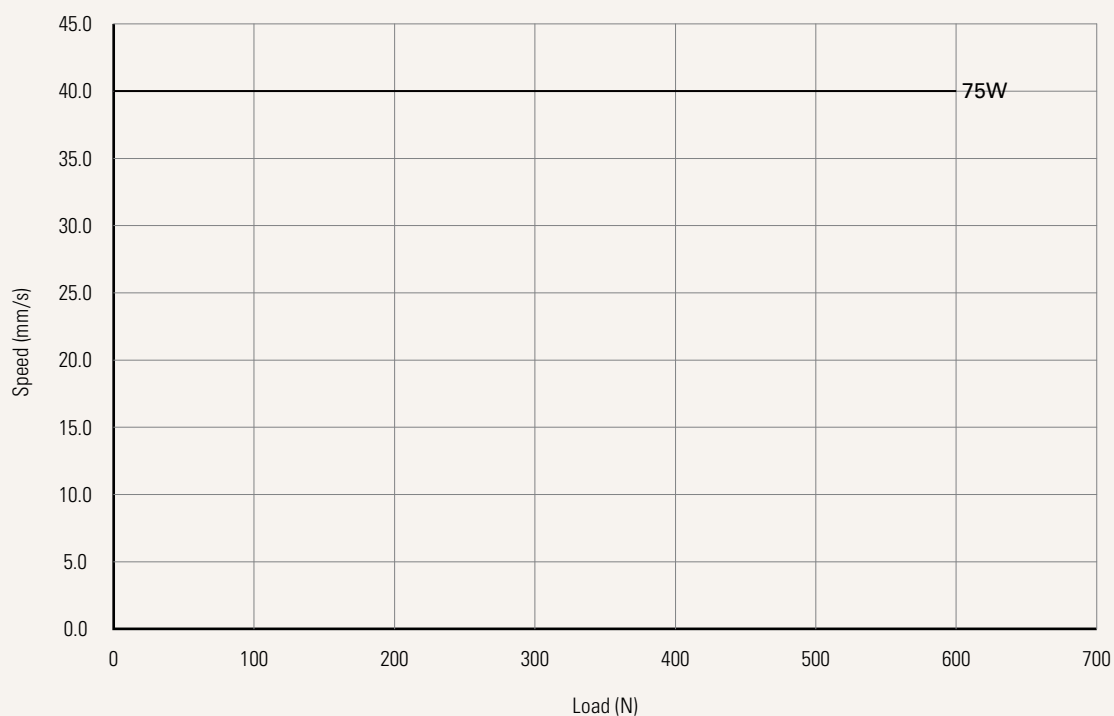
Note

- 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

- TL20SR, two columns driven by TC11P



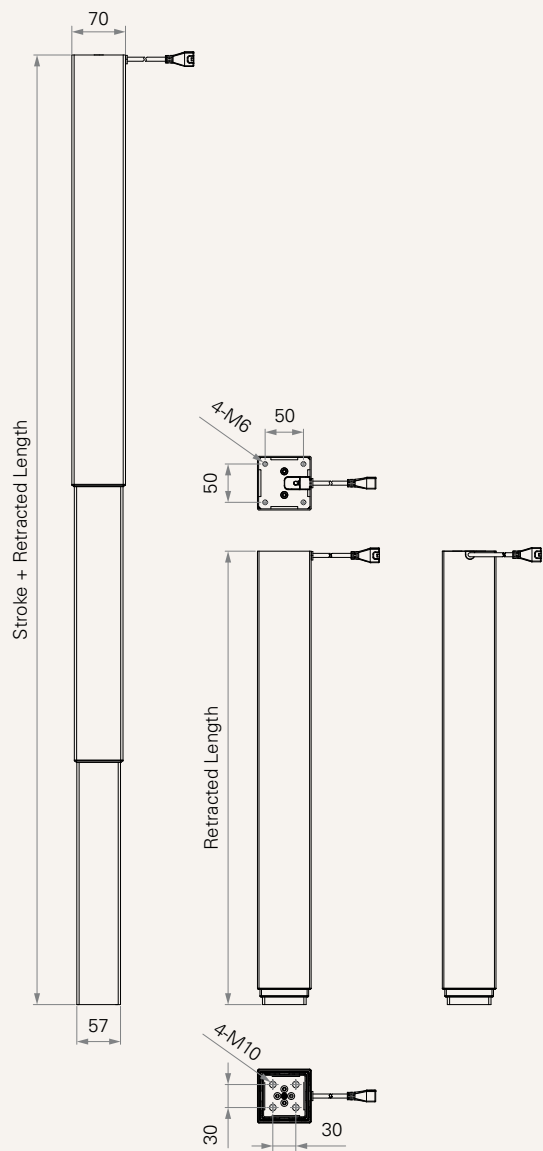
TC11P Spec	Load (N)	Constant Speed (mm/s) with TC11P
75W	600	40

Note

- ⁴ The corresponding control box software is required.

Drawing

Standard Dimensions
(mm)



Stroke & Retracted Length

Options	Stroke (mm)	Retracted Length (mm)
Standard	650	590

TL20SR Ordering Key

TL20SR

Version: 20260109-K

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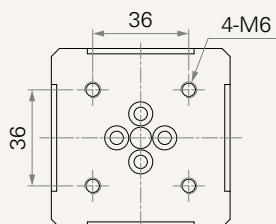
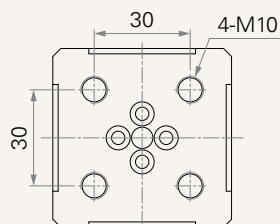
Note

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

Bottom Plate Type (mm)

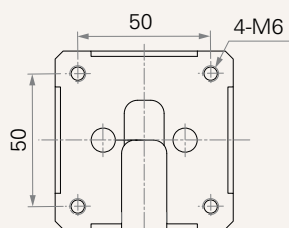
1 = M10, 30*30, TiMOTION standard

3 = M6, 36*36, TiMOTION standard



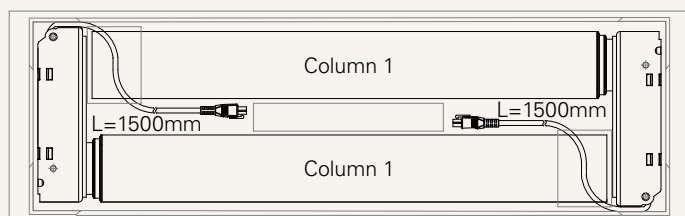
Top Plate Type (mm)

2 = M6, 50*50, TiMOTION standard



Package

Package of one TL part number

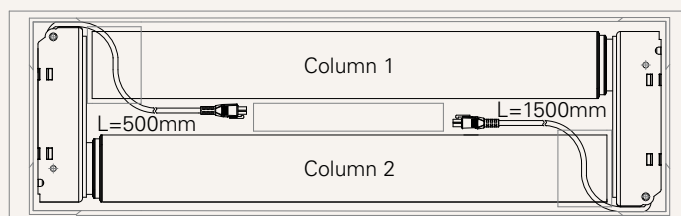


Column: 2pcs TL/box (Same PN& cable length)

Electronic control system: Without

Weight with package: 14KG

Package of two TL part numbers in pairs

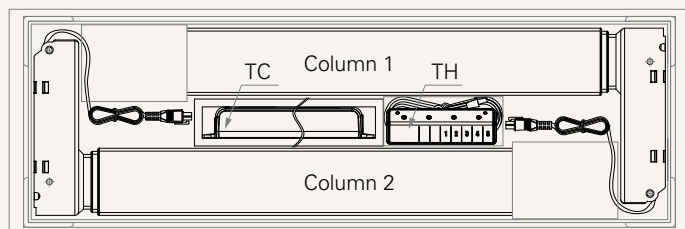


Column: 2pcs TL/box (Different PN, cable length, for pair use)

Electronic control system: Without

Weight with package: 14KG

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: 15KG

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.