



SPEEDROLLER **STRONG**

APPEARANCE AND PERFORMANCE IN PERFECT HARMONY

PROPERTIES

- max. surface area (WxH) = 25 m²
- max. with (W) = 5,000 mm, max. height (H) = 5,000 mm
- max. wind load resistance class 2 according to EN 12424, or up to 7 Beaufort minimal (50 - 61 km/h)
- opening speed with Frequency Control max. 1.8 m/s*
 closing speed approx. 0.5 m/s
- various window types available as an option

MAX. WIND LOAD RESISTANCE*

Up to 3,000 mm width	Class 2
Up to 4,000 mm width	Class 1
Up to 5,000 mm width	Class 0 (7 Bft)

- 0.7 mm thick door curtain (1.2 mm optional) in blue, black, white, grey, graphite grey, red, orange or yellow
- designed as an inside door for larger doorways with average wind load
- EN13241 compliant



CLIMATE UP
ENERGY DOWN



Intelligent Door Solutions

SPEEDROLLER STRONG

The SpeedRoller STRONG is designed for high speed and intensive use. Ideal for the fast passage of people and goods, also in situations with high wind pressure. Applicable for openings up to 25 m². The reinforcing profiles provide additional stability. The opening speed of 1.8 m/s makes this door practical even for heavy traffic and large passages. Ideal for large production processes that run quickly and where breakdowns are not allowed to occur.

DIMENSIONS	
max. width	5,000 mm
max. height	5,000 mm
max. surface area	25 m ²
required lateral space at the guides	170 mm
required lateral space at slip on drive	300 / 410 mm*
required lateral space at drive for fitting	400 / 460 mm*
lateral space at side guide profiles	145 / 200 mm*
space above	410 / 460 mm*
MAX. WIND LOAD RESISTANCE AT CLEAR WIDTH*	
Up to 3,000 mm	Cl. 2
Up to 4,000 mm	Cl. 1
Up to 5,000 mm	Cl. 0

COMPONENTS AND CONSTRUCTION

The SpeedRoller Strong is a door without balance springs, consisting of an electrically driven door curtain rolled up on a roller above the opening. The door curtain is made of horizontal sections of extremely durable polyester-reinforced PVC. The sections are fitted with aluminium reinforcement profiles with integrated EndLocks, and can be equipped with various types of vision- or insect netting sections between approx. 1,000 and 2,000 mm height. The bottom of the door curtain has a solid HardEdge bottom beam, a flexible FlexEdge bottom beam is available as an option. U-shaped columns with sideseals ensure lateral guidance of the door curtain. The lateral guides are one unit combined with the bearing plates for secure fastening to the roller and drive.

MATERIALS

The door columns are made of two hot dip galvanised steel profiles. The front covers are removable for fast and simple installation and maintenance. The side seals are specifically tailored to your use. The horizontal roller is steel. The HardEdge bottom beam is aluminium, the optional FlexEdge bottom beam is sturdy but flexible and has a soft outer shell. The door curtain is a 0.7 mm thick PVC with a polyester reinforcement inlay. 1.2 mm fabric optionally available¹.

DRIVE

The drive consists of an electric motor with reduction unit. The roller is directly driven. Drive side available left or right (standard).

Technical details electric motor

- mains voltage without frequency control 3N-400V/50Hz/16A
- mains voltage with frequency control LNPE-230V/50Hz/16AT
- degree of protection IP65
- consumed power max. 2 kW

PERFORMANCE	
control box without frequency control (standard):	
max. opening speed	0.7 m/s
max. closing speed	0.5 m/s
control box with frequency control (optional):	
max. opening speed	1.8 m/s*
max. closing speed	0.5 m/s

COLOUR

The door curtain is available in the colours blue, black, white, grey, graphite grey, red, orange or yellow and provided with a vision section.

PROTECTION

- the door can be manually opened in the case of a power loss
- electric motor with reduction unit and built-in roll-off safety
- light curtain up to 2,500 mm high

STRUCTURAL PROVISIONS AND CONNECTION

- a flat mounting frame and the necessary mounting space must be available
- exact installation dimensions in the Technical Datasheet
- within a radius of 500 mm of where the control unit without frequency control will be positioned there must be a wall socket:
 - CEE-form red, 3N-400V/50Hz/16A
- within a radius of 500 mm of where the control unit with frequency control will be positioned there must be a wall socket:
 - CEE-form blue, 1 x 230V fused, slow operation 16 A fitted with a circuit-breaker of at least 300 mA
- the control box usually is fitted on the drive side, at a height of approx. 1,500 mm from the floor
- with standard CEE-plug, the control box is IP54 compliant

CONTROL AND OPERATION

The control unit has 3 buttons (open-stop-close) and a CEE plug, and regulates a multitude of functions such as:

- adjustable open time
- 7-segment display for control of the various functions
- permanently open or permanently shut
- service and run mode

Depending on the size and application of the door you can choose between two types of control:

- Tormatic T100R without frequency control
- Tormatic T100R-FU with frequency control

Additional controls that can be connected to the control box are:

- push-button, pull switch, key-operated switch, photocell, radar, induction loop detection or radio control. Other forms of operation on request



Available controls:

T100R

T100R FU

EXTRAS¹

CONTROL AND OPERATION

- frequency control
- additional controls as described above
- door interlock control in combination with another door

PROTECTION

- connection of traffic lights (red/green or red and green)
- warning light (orange or red)

CONSTRUCTION

- 1.2 mm thick door leaf
- flexible 'FlexEdge' bottom beam
- window sections made of mosquito netting
- stainless steel columns
- PVC, metal or stainless steel hood (drive cover in PVC only)
- metal hood and PVC drive cover in customer-specified RAL colour

* Depending on the configuration ¹ subject to surcharge