



SPEEDROLLER **STRONG** FullVision

A CLEAR SOLUTION FOR BUSY PASSAGES

PROPERTIES

- max. surface area (WxH) = 25 m²
- max. width (W) = 5,000 mm, max. height (H) = 5,000 mm
- wind load resistance class 1 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

- 0.8 mm thick door curtain
- EN13241 compliant

MAX. WIND LOAD RESISTANCE*	
Up to 3 X 4 m	Class 1
From 3 X 4 m.	Class 0 (7 Bft)



**CLIMATE UP
ENERGY DOWN**



Intelligent Door Solutions

SPEEDROLLER STRONG FullVision

The SpeedRoller Strong-FullVision is the transparent version of the standard rapid roll door for indoors: reliable technology for years of trouble-free operation and a good view. Ideal for passages that are frequently used from several directions. It is immediately obvious when someone is coming from the other side of the door, so accidents caused by poor visibility are prevented.

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 X 4 m.	Class 1	From 3 X 4 m.	Class 0

COMPONENTS AND CONSTRUCTION

The SpeedRoller Strong-FullVision is a door without balance springs, consisting of an electrically driven transparent door curtain rolled up on a roller above the opening. The door curtain is made of horizontal sections of extremely durable PVC. The sections are fitted with aluminium reinforcement profiles. The bottom of the door curtain has a solid HardEdge bottom beam. 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 door curtain is a 0.8 mm thick transparent PVC, the upper section is optionally made of 0.7 mm gray polyester-reinforced PVC.

DRIVE

The drive consists of an electric motor with reduction unit and built-in roll-off safety. 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

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

- higher wind resistance by means of EndLocks
- 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
- Stamoid sound absorbing lining around the roller

* Depending on the configuration ¹ subject to surcharge