

SpeedRoller

Top hood available in PVC, stainless steel, or galvanised steel (optional)

Steel roller

Hot dip galvanised steel columns
Stainless steel columns optional

Protected with integrated light curtain as standard

Various window and insect netting options available as an option

Standard with aluminium reinforcing profiles

Covers of the columns are removable for easy installation and maintenance

Industrial direct mount drive

Door curtain of 0.7 mm reinforced plastic fabric

Draught-free side seals integrated in the columns

Control box with open-stop-close as standard. Frequency Control optional

CEE plug 230V separately fused

Comes standard with **HardEdge** bottom beam
Optionally available with **FlexEdge** bottom beam

STRONG^E

All essential functions in an economy package

Properties

- max. surface area (WxH) = 9 m²
- max. width (W) = 3,000 mm, max. height (H) = 3,500 mm
- wind load resistance class 0 according to EN 12424, or up to 5 Beaufort max. (29 - 38 km/h)
- opening speed with Frequency Control max. 1.8 m/s*, closing speed approx. 0.5 m/s
- 0.7 mm thick door curtain in blue, black, white, grey, graphite grey, red, orange or yellow
- various window types available as an option
- designed as an inside door for larger doorways with average wind load
- EN13241 compliant



Intelligent Door Solutions

SpeedRoller **STRONG^E**

The Strong-E is the economic rapid roll door for interior openings. Proven technology guarantees years of trouble-free operation. All aspects of the door are robustly designed and well-engineered for every day energy saving, draught exclusion and climate control.

Dimensions	
max. width	3,000 mm
max. height	3,500 mm
max. surface area	9 m ²
required lateral space at the guides	175 / 200 mm
required lateral space at slip on drive	300 mm
required lateral space at drive for fitting	410 mm
lateral space at side guide profiles	145 mm
space above	350 mm

Components and construction

The SpeedRoller Strong-E 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 alu-minium reinforcement profiles and can be equipped with various types of vision- or insect netting sections. 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 side-seals 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 made of soft rubber. The door curtain is a 0.7 mm thick PVC with a polyester reinforcement inlay.

Colour

The door curtain is available in the colours blue, black, white, grey, graphite grey, red, orange or yellow.

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

Protection

- the door can be manually opened in the case of a power loss
- safety light curtain up to 2,500 mm high

Performance	
control box without frequency control (standard):	
max. opening speed	1 m/s
max. closing speed	1 m/s
control box with frequency control (optional):	
max. opening speed	1.8 m/s*
max. closing speed	0.5 m/s

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** frequencycontrol 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

Extras ¹⁾

Control and operation

- frequency control
- additional controls as described above
- control box directly wired (control box IP65)
- main switch directly wired on the control box (IP65)
- 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

- flexible rubber 'FlexEdge' bottom beam
- windows sections made of transparent plastic or 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



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