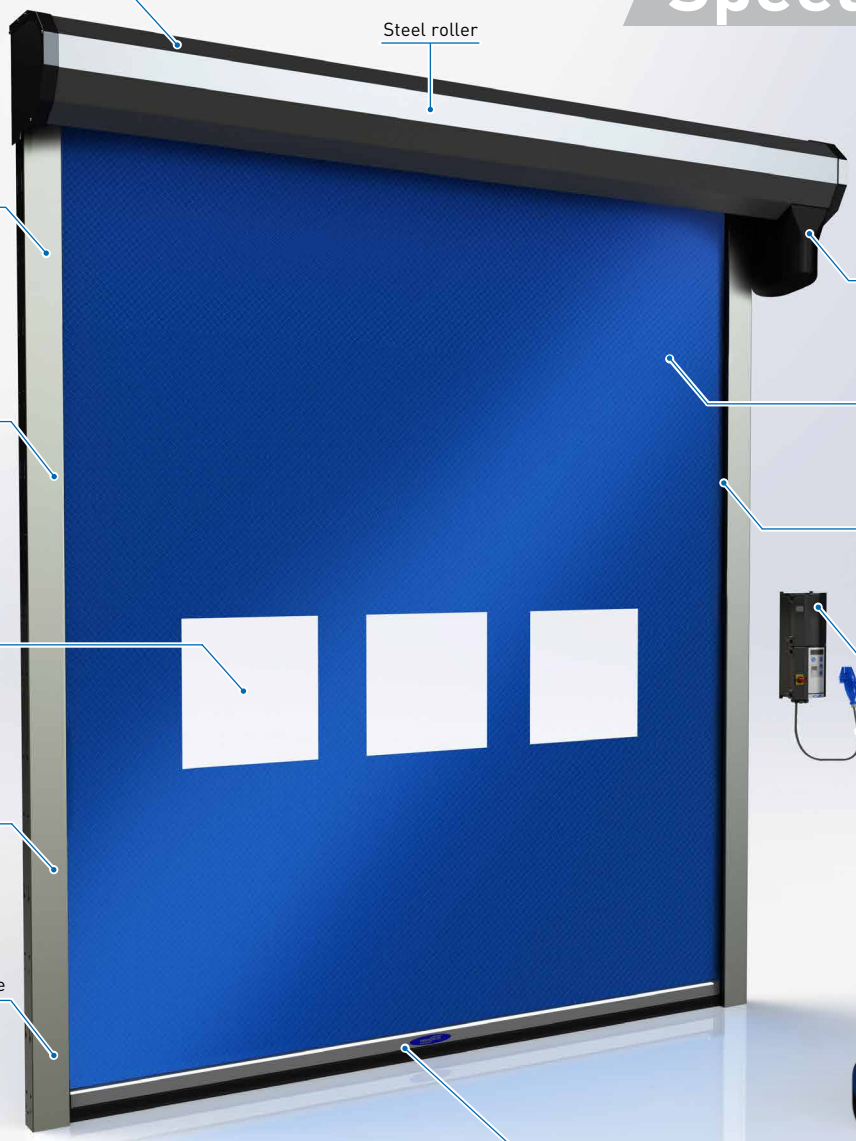
SpeedRoller



Prime

The fast, quiet solution for draught exclusion

Properties

- max. surface area (WxH) = 12,25 m^2
- max. W x H = 3500 x 3500 mm
- wind load resistance class 0 according to EN 12424, or up to 5 Beaufort (29 - 38 km/h)
- opening speed with Frequency Control approx. 1.5 m/s, closing speed approx. 0.5 m/s
- 0.7 mm thick door curtain in blue, grey, graphite gray, orange, black, white, red or yellow
- transparent windows or mosquito nets optionally available
- suitable for smaller interior openings with a low wind load
- EN13241 compliant

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SpeedRoller **PRIME**

The SpeedRoller Prime is an electrically operated rapid roll door for indoor use, that combines good quality with excellent value for money. Developed for draught exclusion, climate control and energy saving in retail, industry and public utility buildings.

Dimensions	
max. width	3500 mm
max. height	3500 mm
max. surface area	12,25 m²
max. wind load resistance class	0 / 29-38 km/h
required lateral space at the guides	175 mm
required lateral space at slip on drive	285 mm
required lateral space at drive for fitting	395 mm
lateral space at side guide profiles	145 mm
space above	350 mm

Components and construction
The SpeedRoller Prime 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 extremely durable polyester-reinforced PVC and can be fitted with aluminium reinforcement profiles. Also transparent or insect netting windows are optionally available. 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 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. 1.2 mm fabric optionally available.

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

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

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. 1,5 kW

Protection
- the door can be manually opened in the case of a power loss
- light curtain up to 2500 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	1,5 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** 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 usualy is fitted on the drive side, at a height of approx. 1500 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 (standard with 1.2 mm door curtain)
- 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
- higher wind resistance by means of 1.2 mm thick door leaf
- flexible rubber 'Flex Edge' bottom beam
- windows made of transparent plastic or mosquito netting
- PVC and metal hood over the roller and the drive
- Metal hood in customer-specified RAL colour
- Stamoid sound absorbing lining around the roller
- Color printing on the door leaf

[1] subject to surcharge

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