

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

Hot dip galvanised
steel columns

Stainless steel
columns optional

Protected with integrated
light curtain as standard

Transparent vision
section as standard,
insect netting options
available as an option

Standard with aluminium
reinforcing profiles

Covers of the columns
are removable for easy
installation and maintenance

Steel roller

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



SPEEDROLLER **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



CLIMATE UP
ENERGY DOWN



Intelligent Door Solutions

SPEEDROLLER STRONG^E

The SpeedRoller Strong-E is a good solution for openings up to 9 m² with moderate wind pressure. Ideal for the daily passage of people and light goods. The reinforcement profiles provide additional stability. The opening speed of 1.8 m/s makes this door practical even in heavy traffic. Useful for production processes that run quickly and where downtimes are not tolerated. This innovative door has a very wide range of use.

DIMENSIONS	
max. width	3,000 mm
max. height	3,500 mm
max. surface area	9 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*

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 sturdy but flexible and has a soft outer shell. 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 and provided with a vision section.

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 controlLNPE~230V/50Hz/16AT
- degree of protectionIP65
- consumed powermax. 2 kW

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

PROTECTION

- the door can be manually opened in the case of a power loss
- 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 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

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