



SPEEDROLLER PRIME XF ISO

THE FAST, INSULATED SOLUTION AGAINST DRAUGHTS

PROPERTIES

- max. surface area (WxH) = 12.25 m²
- max. width (W) = 3,500 mm, max. height (H) = 3,500 mm
- wind load resistance class 1 according to EN 12424
- opening speed with Frequency Control approx. 2.2 m/s*
closing speed approx. 0.5 m/s
- 8 mm thick insulated door curtain in blue, black, white, grey, red, orange or yellow
- 1-4 rows of transparent windows optionally available
- developed as a fast, insulated SpeedRoller door for smaller interior openings with a low wind load
- EN13241 compliant



CLIMATE UP
ENERGY DOWN



Intelligent Door Solutions

SPEEDROLLER PRIME XF ISO

SpeedRoller **PRIME-XF ISO** is a good solution for medium-sized openings up to 12,25 m² where temperature control is crucial. Ideal for the daily passage of people and light goods in refrigerated or temperature-controlled areas. The door curtain consists of two layers of highly abrasion-resistant fabric with a liner in between that has a very high insulating value. The Prime-XF ISO combines optimum ease of use with temperature control

DIMENSIONS	
max. width	3,500 mm
max. height	3,500 mm
max. surface area	12.25 m ²
required lateral space at the guides	170 mm
required lateral space at slip on drive	360 mm
required lateral space at drive for fitting	410 mm
lateral space at side guide profiles	145 mm
space above	460 mm
WIND LOAD RESISTANCE*	
Class 1	

COMPONENTS AND CONSTRUCTION

The Prime-XF ISO is a SpeedRoller door, consisting of an electrically driven door curtain rolled up on a roller above the opening. The door leaf is made of two layers of highly wear-resistant synthetic fabric with high-efficiency insulation material in between. Also transparent 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 HardEdge bottom beam is aluminium, the optional FlexEdge bottom beam is sturdy but flexible and has a soft outer shell. The door leaf consists of two layers of 0.9 mm thick synthetic fabric with a polyester reinforcement insert, with high-efficiency insulation material in between.

COLOUR

The door curtain is available in the colours blue, black, white, 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 **1.5 kW** with frequency control... LNPE~230V/50Hz/16AT
- mains voltage **3.0 kW** with frequency control 3N~400V/50Hz/16AT
- degree of protectionIP65
- consumed powermax. 1.5 kW

PROTECTION

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

PERFORMANCE	
control box with frequency control:	
max. opening speed	2.2 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 will be positioned there must be a wall socket:
 - CEE-form blue, 1 x 230V fused, slow operation 16 A
 - CEE-form red, 3N~400V / 50Hz / slow operation 16A 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-FU **1.5 kW** with frequency control
- Tormatic T100R-FU **3.0 kW** 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-FU 1.5 kW T100R FU 3.0 kW

EXTRAS¹

CONTROL AND OPERATION

- additional controls as described above
- stainless steel IP65 control box with separate power plug
- 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 'FlexEdge' bottom beam
- 1-4 rows of windows made of transparent plastic (350 x 200 mm)
- stainless steel columns
- stainless steel hood
- metal hood and drive cover in customer-specified RAL colour

* Depending on the configuration ¹ subject to surcharge