SpeedRoller

Insulated and yet very fast

PRIME

XF ISO

Appearance and performance in perfect harmony

Properties

- max. surface area (WxH) =12.25 m², max. with (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
- transparent windows optionally available
- developed as a fast, insulated SpeedRoller door for interior openings with a low wind load
- EN13241 compliant

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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 m²
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. 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

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 (optional):	
max. opening speed	2.2 m/s*
max. closing speed	0.5 m/s

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 1.5 kW ..... LNPE~230V/50Hz/16AT
- mains voltage 3.0 kW ..... 3N~400V/50Hz/16AT
- degree of protection IP65
- consumed power ..... max. 3.0 kW

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 500mm 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
  – CEE–form red, 3N~400V / 50Hz / slow operation 16A 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. 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
- service and run mode
- 7–segment display for control of the various functions
- permanently open or permanently shut

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:	TS971, TS981

Extras[1]
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
- extra–strong door curtain made of 0.9 mm plastic fabric
- flexible 'FlexEdge' bottom beam
- windows made of transparent plastic
- stainless steel columns
- metal or stainless steel hood
- metal hood and PVC drive cover in customer–specified RAL colour

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* Depending on the configuration [1] subject to surcharge