

NovoSpeed



FLEX | Flex Edge

If your goods are fragile

Properties

- max. W x H = 3500 x 5000 mm, max. surface area (WxH) = 17.5 m²
- wind load resistance class 0 according to EN 12424, or up to 5 Beaufort (29 - 38 km/h)
- opening speed max. 2 m/s, closing speed 0,5 m/s
- 1.2 mm thick door curtain in blue, red, grey, orange, yellow, black or white, including transparent window section and Flex Edge bottom beam
- self-repairing when the curtain has been pushed out of the guides
- self-supporting lateral guides
- EN13241 compliant



NovoSpeed **Flex** | Flex Edge

The Flex | Flex Edge is an electrically driven High Speed door for inside use in retail, industrial and utility buildings. Designed as a quick and low-noise separation of spaces, the Flex | Flex Edge ensures energy saving, draught exclusion and climate control, even with fragile goods.

Dimensions	
max. width (W)	3500 mm
max. height (H)	5000 mm
max. surface area (W x H)	17.5 m ²
max. wind force	Class 0
lateral space at the guides	160 mm
depth top hood	420 mm
required fitting depth for the top hood	650 mm
required space above	450 mm

Components and construction

The Flex | Flex Edge has a 1.2 mm thick door leaf made of a polyester reinforced PVC with a transparent window section between approx. 1250 and 1850 mm from the floor. The closing side of the door curtain consists of a flexible soft bottom beam (Flex Edge). The extruded aluminium columns ensure the guidance of the door leaf. These form one taut unit with the brackets for the fastening of the roller and protective hood. From 12 m² door balancing is applied as standard.

Materials

The guides and the roller are aluminium. The PVC door curtain has a polyester reinforcement inlay. The protective hood is available in PVC, stainless steel, aluminum or galvanized steel. The Flex Edge bottom beam is only available in PVC. All used PVC parts can be recycled.

Colour

The door curtain is available in the colours blue (standard), orange, yellow, black, grey, red or white and is provided as standard with a window section.

Drive

The drive consists of an industrial tube motor assembled in the roller. As a result the necessary lateral space is minimal. Drive side on the right (standard) or left.

Technical details electric motor

- mains voltage..... 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
- standard protected by an IP67 light screen up to 2500 mm height. If the light curtain is interrupted by an obstacle, the door will automatically fully open until the screen is released again.

Performance

control box **with** frequency control:

max. opening speed	2 m/s
max. closing speed	0,5 m/s

Structural provisions and connection

- a flat mounting floor 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 **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 is usually 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
- continuously variable speed regulation by frequency control for opening and closing the door
- 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 control:

T100R FU

Extras ¹⁾

Control and operation

- additional controls as described above, other forms of operation on request
- 'half height' setting (for personnel access)
- door interlock control in combination with another door
- control box directly wired (control box IP65)
- main switch directly wired on the control box (IP65)

Protection

- mechanical emergency unlocking
- connection of traffic lights (red/green or red and green)
- flashing light (orange or red)

Construction

- guide columns in customer-specified RAL colour (powder coating)

¹⁾ subject to surcharge



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