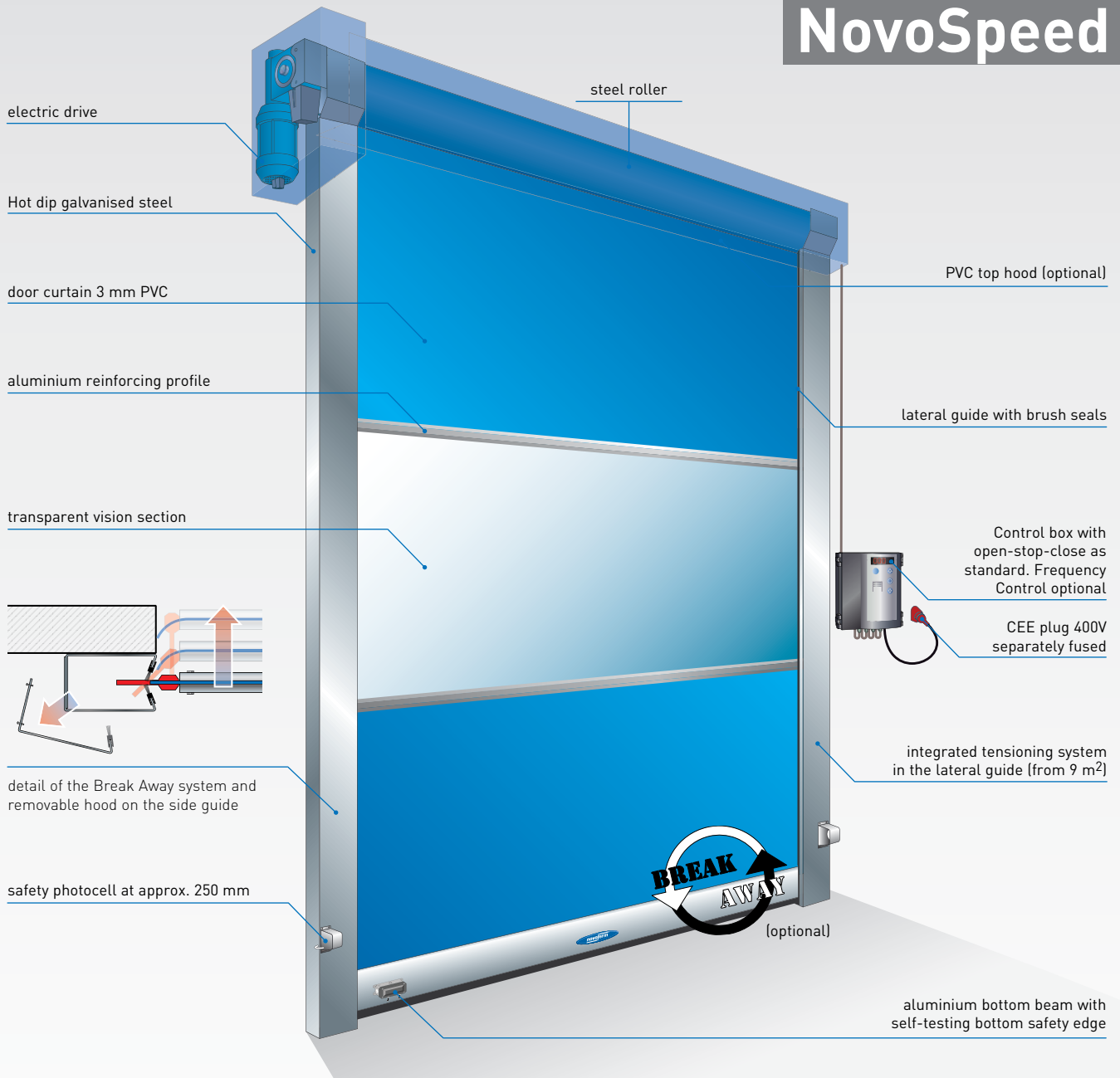


NovoSpeed



HEAVY

Heavy Duty door for large, frequently used passageways

Properties

- max. W x H = 6000 x 6000 mm, surface area (WxH) = 36 m²
- 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
- 3 mm thick door curtain in blue, yellow, black, orange, grey, red or white, including transparent vision section
- heavy duty door for larger interior openings
- EN13241-1 compliant



NovoSpeed **HEAVY**

The NovoSpeed Heavy is a rapid roll door for large, frequently used passageways. Proven technology guarantees years of trouble-free operation. All aspects of the door are robustly designed and well-engineered in order to stand up to the rigours of intensive use. Functionality includes energy saving, draught exclusion and climate control.

Dimensions	
max. width (W)	6000 mm
max. height (H)	6000 mm
max. surface area (W x H)	36 m ²
max. wind load	klasse 0 / 8 Bft
required lateral space top, non-drive side	275 mm
required lateral space at slip on drive	470 mm
required lateral space at drive for fitting	750 mm
required space at lateral guide profiles	225 mm
required space above opening height	700 mm

Components and construction

The NovoSpeed Heavy 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 polyester-reinforced PVC. The sections are fitted with aluminium reinforcement profiles. The door curtain has a transparent PVC vision section between approx. 1200 and 2200 mm height. The bottom of the door curtain has an aluminium bottom beam with soft rubber sealing profile. A U-shaped profile with brush seals ensures lateral guidance of the door curtain. The lateral guides are one unit combined with the bearing plates for the fastening to the roller and drive. A curtain tensioning system is provided for doors starting at 9 m².

Materials

The lateral guide is made of 2 hot dip galvanised steel profiles with brush seals, removable for installation and maintenance. The horizontal roller is steel. The bottom beam is aluminium. The door curtain is 3 mm thick PVC with a polyester reinforcement inlay.

Colours

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

Drive

The drive consists of an electric motor with reduction unit and built in roll-off safety. The roller is directly driven. Drive side available left or right (standard).

Technical details electric motor

- mains voltage..... 3N~400V/50Hz/16A
- degree of protection IP65
- consumed power max. 3 kW

Protection

- the door can be manually opened in the case of a power loss
- the self-testing safety edge stops the door and opens it again
- safety photocell at 250 mm off the floor
- electric motor with reduction unit and built-in roll-off safety

Performance	
Control box without frequency control (standard):	
max. opening speed	1 m/s
max. closing speed	1 m/s
Control box with frequency control (option):	
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 will be positioned there must be a wall socket: aangelegd door derden (CEE-form red, 3 x 400V fused, N, PE, 50Hz/16A)
- a control unit with frequency control must be 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. 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 time¹
- LED-indicatie voor controle van de diverse functies
- 'half height' setting (for personnel access)
- 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 3 kW

Options¹

Control and operation

- frequency control with variable speed for opening and closing
- additional controls as described above available at surcharge
- 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)
- waarschuwingslicht (oranje of rood)
- up to 4500 mm wide available with aluminium 'Break Away' end pieces in the bottom beam (crash resistant, with emergency stop function) Wind load resistance will be reduced to 5 Beaufort.

Construction

- PVC hood over roller and/or drive
- lateral guide profiles and hood in customer-specified RAL colour

¹) subject to surcharge



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