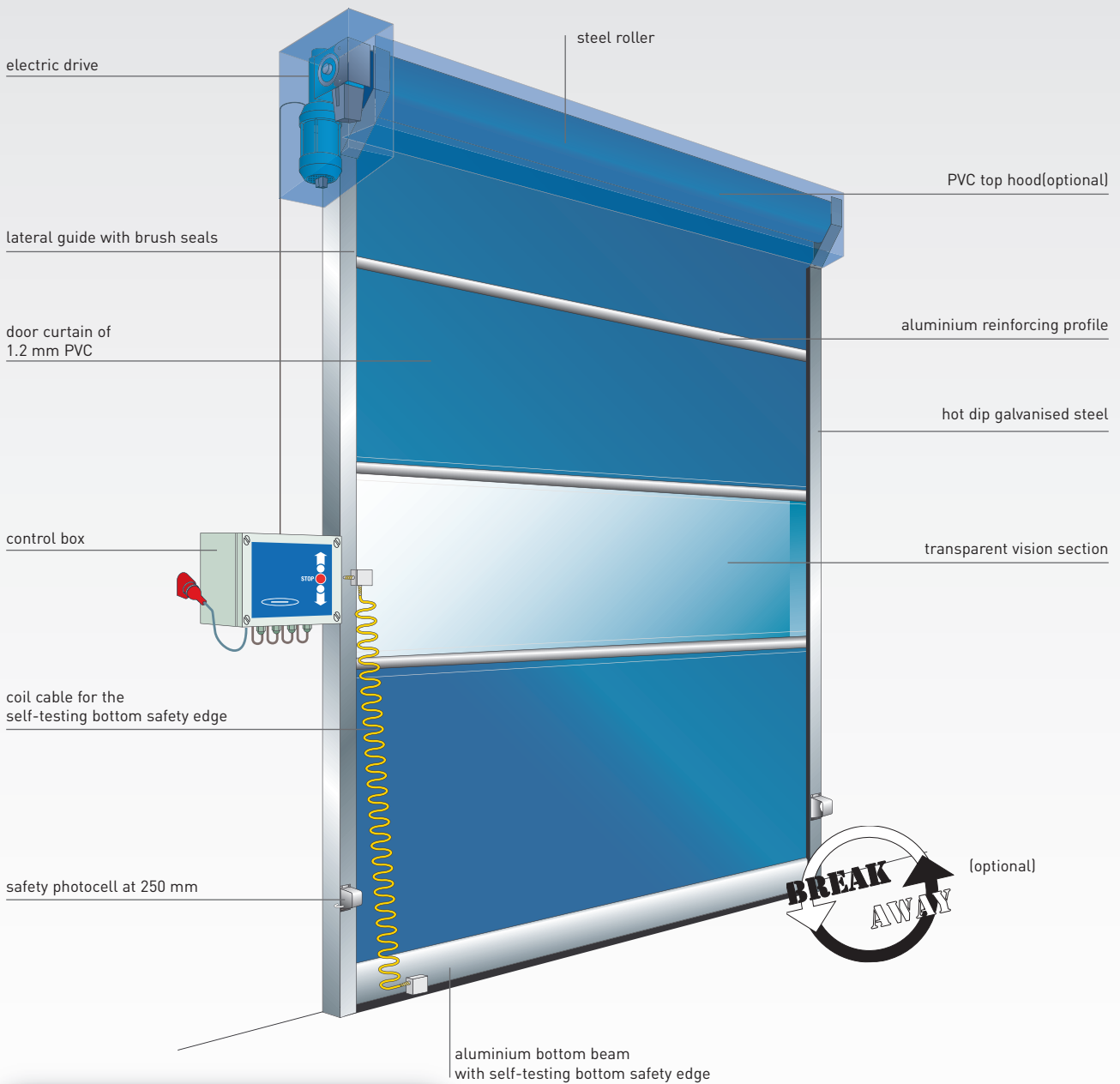


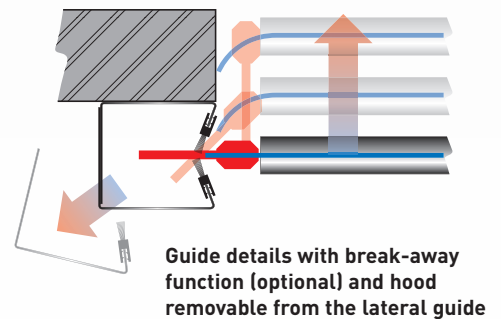
High Speed door Novo Speed Basic

Industrial interior door to 20 m², wind resistant to 5 Beaufort



Properties

- max. surface area (WxH) = 20 m²
- max. W x H = 4000 x 5000 mm
- wind resistant to 5 Beaufort
- opening speed approx. 1 m/s
- closing speed 0.75 m/s
- 1.2 mm thick door curtain in blue (standard), red, grey, orange, yellow, black or white, provided as standard with a vision section.



The Novo Speed Basic is a High Speed door with electric drive. Applications are in industry and public utilities. Functionality includes energy saving, draught exclusion and climate control.

Components and construction

The Novo Speed Basic 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 with height between approx. 1000 and 2000 mm. The bottom of the door curtain has an aluminium bottom beam with rubber sealing profile. A U-shaped profile with brush seals ensures the guidance of the door curtain. The lateral guides form one unit with the bearing plates for fitting the roller and drive.

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 1.2 mm thick PVC with a polyester reinforcement inlay.

Colour

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

Dimensions

- max. width4000 mm
- max. height5000 mm
- max. wind force5 Beaufort
- lateral space not drive side (roller height)160 mm
- lateral space at the drive310 mm
- lateral space at the drive for fittingmin. 550 mm
- lateral space at side guide profiles110 mm
- space above575 mm.

Drive

The drive consists of an electric motor with reduction unit and built-in roll-off safety. The roller is directly driven.

Control and operation

- the door is supplied as standard with a control box with 3 buttons (open-stop-close) and a CEE plug.
- the control system regulates a multitude of functions such as:
 - adjustable open time or so-called 'deadman operation'
 - service and run mode
 - LED indication for control of the various functions
 - choice of permanently open or permanently shut.

Other forms of operation that can be connected to the standard control box are:

- operation by pull switch, key-operated switch, push-button, photocell, radar, induction loop detection or by radio control with transmitter and receiver. Other forms of operation on request.

Protection

- the door can be manually opened in the case of a power loss
- the bottom beam has a self-testing safety edge that stops the door and immediately opens it again if it comes into contact with an obstacle when closing; this protection is insensitive to humidity.
- on the lateral guide profiles a safety photocell and reflector are fitted as standard (250 mm from the floor). The door will not close if the beam is broken
- the drive has built-in roll-off safety.

Performance

The opening and closing speeds are approx. 1.0 m/s.

Structural provisions and connection

- in normal circumstances no special structural provisions are required for the assembly and fitting of a Speedroller
- for the electrical connection there must be a wall socket within 500 mm of where the control box will be positioned (CEE form 3-NPE/400V/50Hz/16A). As standard this is fitted at a height of approx. 1500 mm from the floor on the drive side.
- for a control box with frequency control there must be a wall socket within a radius of 500 mm of where the control box will be positioned (CEE form blue, 1 x 230V fused, slow operation 16 A and fitted with an circuit-breaker of at least 300 mA). As standard this is fitted at a height of approx. 1500 mm from the floor on the drive side.

Technical details electric motor

mains voltage standard.....	3N~400V/50Hz/16A
mains voltage with frequency control	LNPE~230V/50Hz/16AT
degree of protection	IP54
consumed power	max. 2 kW.

Extras

Control and operation

- control by frequency control where:
 - max. opening speed1.5 m/s
 - max. closing speed0.75 m/s
- operation by push-buttons, pull switches, photocell, radar, induction loop or by radio control
- 'half height' setting (for personnel access)
- door interlock control in combination with another door
- other connection values than 3N~400V/50Hz/16A.

Protection

- connection of traffic lights (red/green or red and green).
- aluminium 'Break Away' end pieces in the bottom beam (crash resistant)
- electrical part in IP65.

Construction

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