

# NORDIC<sup>®</sup> door ab High Speed Roll Doors

## 360 exit – for interior openings where manual/automatic emergency opening is required.

The NORDIC 360 exit door with its simple design is a reliable safe, fast, robust door for all types of internal situations where emergency opening is required even in case of power failure. The spring system, opening up the door if the drive is released, is designed for a minimum of 500,000 operations and with very few moving parts the door requires

little maintenance. In the event of impact the door panel and bottom beam will release from the guides reducing damage and can be easily reset.

Width: max 3500mm  
Height: max 3000mm

### 1. The door panel

The NORDIClean door panel is 2mm PVC coated double reinforced woven fabric, which is extremely tough and rigid horizontally. Its smooth easy clean finish is approved for use in both food/ pharmaceutical facilities and available in a choice of standard colours blue or grey. Optional colours are yellow, orange and red. It gives good sound reduction, is resistant to most chemicals and the carbon fibres woven into the fabric reduce static electricity and dirt collection. An optional full width transparent vision strip with a seamless flush joint can be incorporated into the panel.

### 2. Side guides

The side guides are made from two heavy gauge anodised aluminium profiles which are resistant to most cleaning materials and incorporate seals which fit tightly against the door panel. They can be easily assembled and mounted 5-10mm above the finished floor to facilitate easy cleaning.

### 3. Drive unit

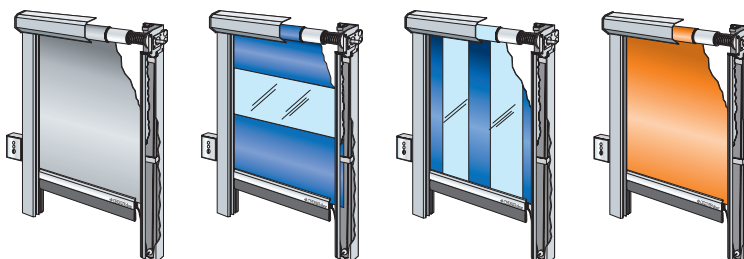
#### – fast and smooth Vector-drive

The drive unit - NORDIC DRIVE A-2 has a robust worm gear with a 0,75 kW AC-motor controlled by a PCL and an advanced Vector-inverter. The drive unit is designed to operate the door up to 6 operations per minute and has a pulse coder built into a roller bearing in the gear. Soft start/soft stop is standard and the opening speed can be set up to 2,5m/s.

### 4. Controls

#### – with flexibility

NORDIC 360 exit has a flexible control system that can be programmed for all possible control functions.



The NORDIC DRIVE A-2 has a text display that is used for programming the control and to provide status-information.

Alternative activation is available e.g. radio control, infra red, induction floor loops etc.

### 5. Safety

The bottom of the door panel is provided with a self monitoring pneumatic safety edge which immediately reverses the door if in contact with a person or obstruction. To comply with legislation and for optimum safety the sensitive edge is located in a deep profile requiring minimum contact for activation. A photo cell positioned in line with the opening prevents the door from closing or reverses it if the beam is obstructed.

### 6. Seals

The vertical side guides incorporate double brush seals and the head a single brush seal which all fit tightly against the

door panel. The bottom safety edge profile is enclosed in a hard wearing PVC skirt which seals against the floor and extends into the side guides leaving no "mouse holes" in the bottom corners.

The result is an extremely air tight and draught resistant door.

### 7. BRX-breakout System

The door can be supplied with the NORDIC BRX-breakout system, which in the event of an impact allows the door panel to be released from the side guides. This can be easily reset and reduces the risk of damage to the door panel/bottom beam.

### Options

The doors can be customised to suit special requirements e.g. fully automatic opening in case of power failure or fire alarm, transparent door panels, side and top covers in stainless steel, 400V three-phase motors, etc.



# NORDIC<sup>®</sup> 360 exit