



NORDIC 344-safe

Durable high speed roll door for environments with high demands on personal safety and energy efficiency



Warehousing



Supermarkets







Manufacturing industry

NORDIC 344-safe

Shielding effectively draft, dust, noise – and increases personal safety in all types of busy interior openings.



-  **Compact design and super slim frames**
The door can also be placed in narrow passages.
-  **Rapid and silent function – up to 2,5 m/s**
Advanced vector control with soft start/soft stop for low noise level.
-  **Safe opening/closing**
Safety photocell curtain protects the entire door opening touchless when closing.
-  **Resistant to air pressure**
The door panel is equipped with edge holders that locks it firmly in the frames in premises with pressure differences.

Robust high speed roll door

Door panel – with patented safety

The NORDIC 344-safe door panel is constructed with two layers of mono/multifilament fabric, coated with PVC. The door panel is 2 mm thick and extremely durable. It has a smooth finish, is resistant to most chemicals and even weld sparks. With carbon fibers woven into the fabric, it is also protected from static electricity.

In closed position, the door panel is locked in the frames by a patented folding, which prevents it from being pushed out even if the door is exposed to pressure differences.

The door panel, available in a number of colours, can also be supplied with a with a 2 mm thick seamless welded-in transparent vision panel which is extremely resistant to wear, just like the door panel.

Colour choice (RAL)

Standard: 5007 och 7038.

Option: 1023, 3000, 2004, 7016, 9010 and vision panel.



5007 7038 1023 3000 2004 7016 9010

Operation – fast and reliable

The drive unit, NORDIC DRIVE A4.0, consists of a robust worm gear drive and an advanced vector-inverter control with monitored brake function. The worm gear, which is heavily dimensioned, can handle up to 7 openings per minute and has an integrated absolute encoder.

Opening speed up to 2,5 m/s.

Closing speed up to 1,2 m/s.

The speeds can easily be adjusted from the display.

Automatic closing with adjustable time, is easily programmed from the display.

Frame columns – compact and space saving

Frames, covers and the bottom beam are made of anodized aluminium in a compact design (only 80 mm wide and easily detachable).

The safety photocell curtains are mounted, well protected, inside the frames.





Advanced high speed roll door

Rapid and reliable.

Control – with opportunities

The door has a flexible control, the NORDIC drive A4.0, which can be provided with programs for all kinds of operation features. NORDIC drive A4.0 has a 4.3" full colour touch display for programming and showing operational Information.



Safety – at a high level

The door frames have an integrated safety photocell curtain which monitor the entire opening and makes the door stop contactless if any obstruction occurs in the opening. The curtain function is continuously monitored by a safety module integrated in the control. The door is also available with an automatic emergency opening function as option.



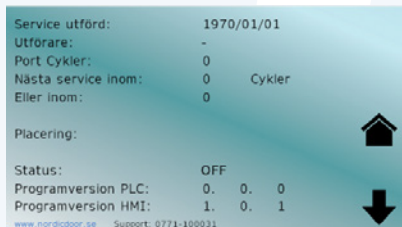
Bottom profile with rounded top for improved safety.



Patented push-out protection, efficiently locking the door into the frames.



Information, settings and error-messages are shown in plain text and images on the graphical 4.3" full colour display.



Advanced door control software provides full information about the door's status via the display and enables easy selection through a large number of pre-programmed functions.



Instructive display images for information and easy activation of pre-programmed functions. With multiple login levels, permissions for settings can be customized.

Options – increases the range of use

NORDIC 344-safe can be equipped with the optional **exit** package, which allows the door to be used for evacuation even in the event of a power failure.

The door can also be delivered in customized version, e.g. with special door panel for high temperatures or in ESD-safe design, etc.

For use in special environments, the door panel bottom can be supplied with a selfmonitoring electric safety edge which immediately reverses the door to open if obstructed.

Alternative actuators like pull cords, radar motion detectors, radio remote control, induction loop detector, etc. for smooth door opening, are available on request.



A reliable partner

NORDIC door is the leading roll door manufacturer in Sweden.

Inhouse design and manufacturing of the doors in the plant in Halmstad ensures that the doors meet high quality- and functional requirements. Thanks to inhouse manufacturing, spare parts are always easily available! The NORDIC doors have a documented life length of more than 30 years.

Swedish manufactured high speed roll doors since 1991

NORDIC 344-safe – technical specification

- Power supply input range 208-240V, single-phase, 10A, as standard.
- Temperature range 0°C to +50°C.
- Standard door dimensions up to 3500 x 3500 mm.
- Control box protection class IP 65, Motor IP 55.
- Fulfills the requirements of EN 13241+A2:2016
- 24V (PELV) with up to 2000 mA for external equipment (e.g. traffic lights).
- Motor cables standard = door height +1 m, other lengths optional (max 15 m).
- Future software updating is simply done by USB or SD-card.
- Choice of display languages.



NORDIC door ab

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