

Prido



Prido



Revolid[®]

HIGH-SPEED DOORS

 A high-quality Swedish door from Tråvad



In a highly automated and state-of-the-art facility, situated in the middle of the Swedish province of Västergötland, we produce more than 11,500 high-quality industrial doors every year, making us one of Europe's largest folding door manufacturers.

Thanks to our 45 years of experience, we can offer you an industrial door solution that not only provides a high level of functionality, but also contributes to an attractive and well-considered environment throughout your premises. Our highly automated production facilities, combined with our focus on efficiency and quality, means that we can offer competitively priced doors that will ensure low costs for our customers far into the future.

Our long experience has taught us that development and manufacturing must go hand in hand. To maintain full control, we strive to do everything in our own factory.

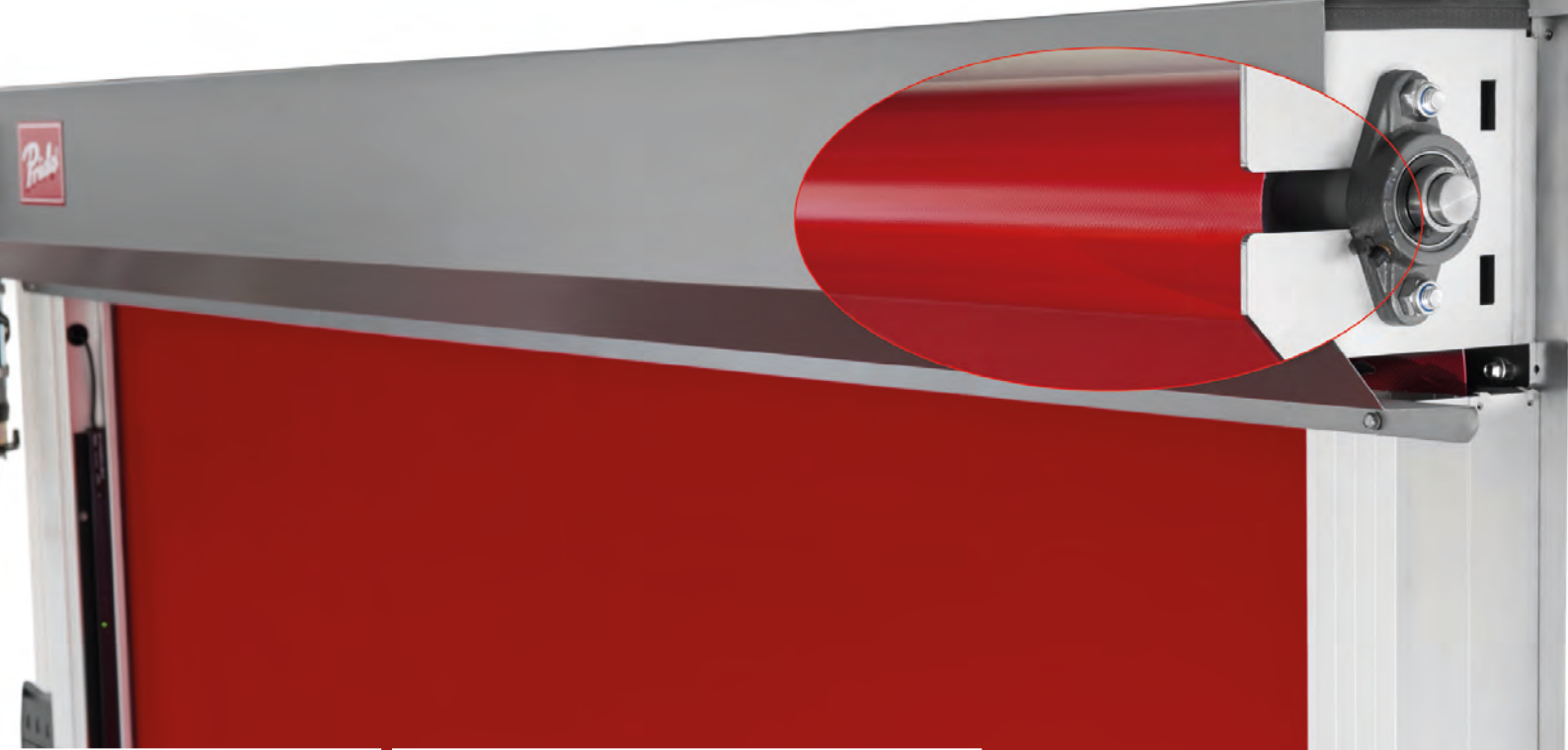
By listening to the needs of clients and users, we have learnt that no single product suits everyone, and that the design has great significance for the whole. The doors must be custom-built according to the opening, and they must be simple to install and maintain.

Quality pays off. That's why our products come with a 7-year warranty as standard, and have the fewest maintenance requirements on the market. It costs to maintain high quality, while the right sales price is also important. Automated production and organizational efficiency are therefore our highest priorities.

It is not only the product that constitutes the whole, all the encompassing services are often just as important. Let our Technical Support department assist you while our installation team ensures that your Prido door is installed the way you expect it to be.

Short delivery times and high delivery reliability are our defining characteristics – get in touch with us to see what we can offer you.





Revalid – Fast, simple and reliable

Inside buildings, between different departments, for example, there is sometimes a need for high-speed doors in order to maintain privacy, provide access for forklifts, etc. without the various work environments affecting each other. In these cases, our Revolid high-speed door is an excellent option. It has an opening speed of 1.8 m/s and its simple, reliable design makes it very affordable.

Why you should buy the Revolid door

- Endurance tested for 750,000 opening cycles
- 7-year warranty
- 2-year warranty on electronics
- 1.8 m/s opening speed
- Few parts and screw-on components make it quick and easy to install
- Requires minimal side and overhead space, 100 mm and 500 mm respectively.
- Motors and control units from Europe's largest manufacturer, German GFA
- Entirely made to measure in sizes up to 3500x3500 mm
- Light curtain in the opening for optimum safety and to reduce the risk of collisions
- Low maintenance costs
- Developed and manufactured in Sweden
- CE-certified according to European standard on doors EN13241
- Short delivery times and high delivery reliability

Motors and control units

Motors and control units for the Revolid door made by the German company GFA, Europe's largest and leading manufacturer of door control equipment. The solution includes a range of possibilities, which are all characterized by operational reliability and ease of use.

The following functions are included as standard

- Frequency-controlled motor with 1.8 m/s opening speed
- Complete plug-in cabling between the motor and the control unit
- 4-pin 1x230 V CEE plug for mains connection, with plug-in connection in the control cabinet
- GFA TS971 control cabinet, rated IP65
- Integrated 3-key pad, open, stop, close
- Digital limit switch settings
- Digital adjustment of the direction of rotation (used when changing phase)
- Integrated radio receiver (only remote controllers required for radio control)
- 2 potential-free relay connectors
- Semi-opening function
- Automatic timed closing
- Power monitoring (prevents a person from being lifted up by the door)
- Programmable maintenance cycle counter (including countdown, warning, and stop function)
- Cycle counter for the total number of door openings
- Error memory and memory for programming changes
- Light curtain for personal safety that shields the door opening up to a height of 2.5 m
- UPS available as an optional battery backup

In addition to these functions, the control unit is also equipped for the following connections

- Active safety rail (not required if door is equipped with light curtain)
- Extra emergency stop
- Extra pushbutton keypad or key switch
- Extra photocell
- External radio receiver
- Pull cord contact
- Code lock
- Radar



Motor



Control cabinet TS971

Accessories



Radar



Pushbutton keypad



Remote controls



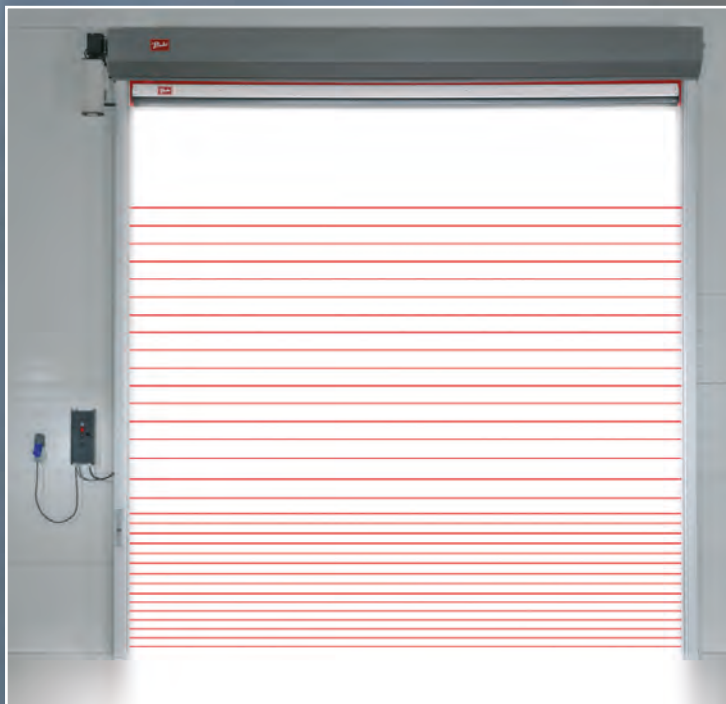
Coded locking and card reader



Pull cord contact

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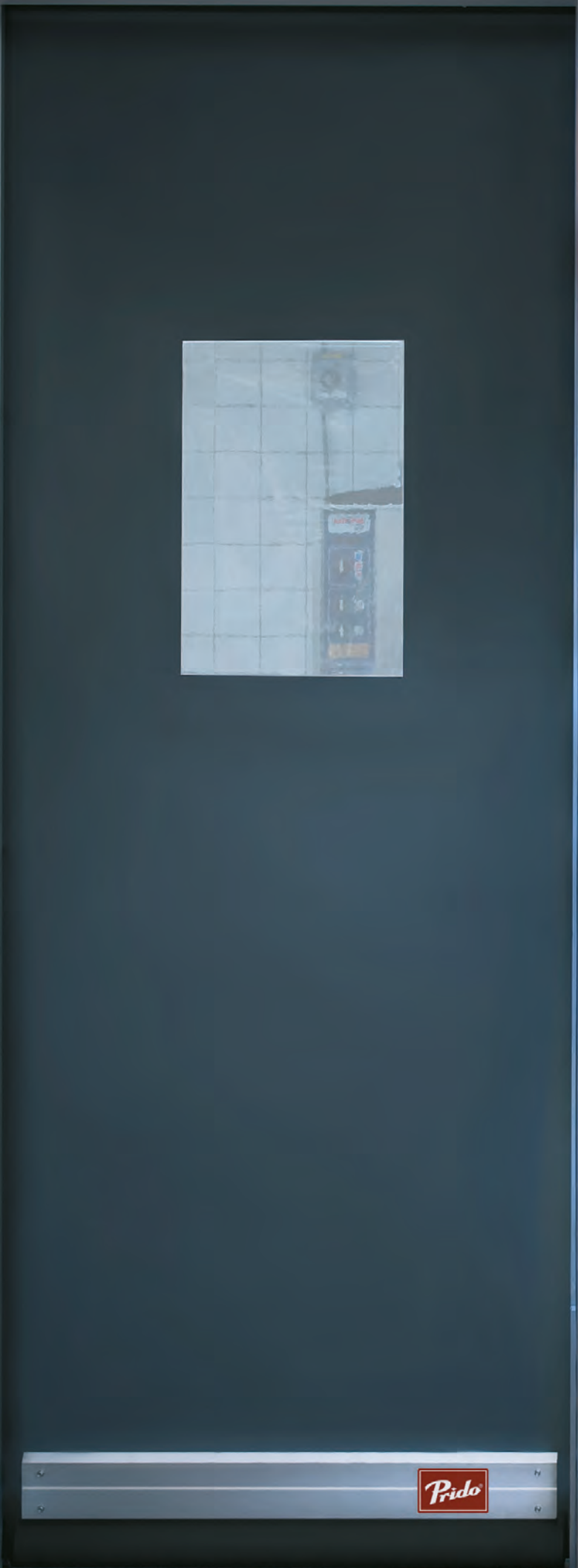


Safety

Safety was an important consideration during the development process, and the doors are designed and CE-marked in accordance with the applicable standard for doors EN13241. The doors are equipped with a light curtain in the opening. When closing, it prevents contact with the door leaf and, at the same time, reduces the risk of collision damage.

The door reverses to its fully open position as soon as anything breaches the light curtain zone.

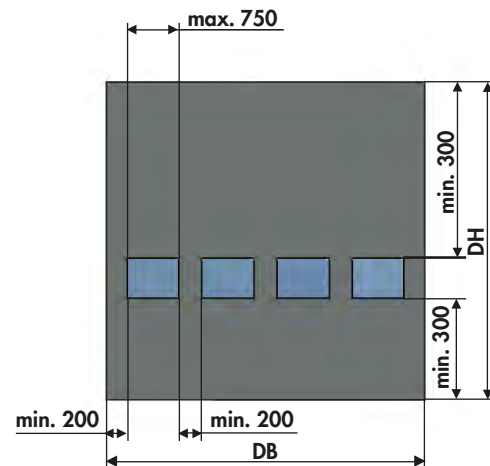
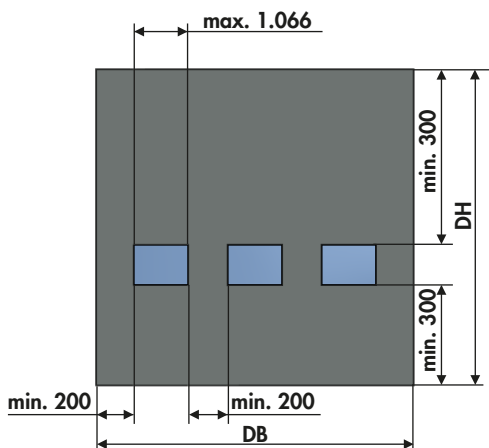
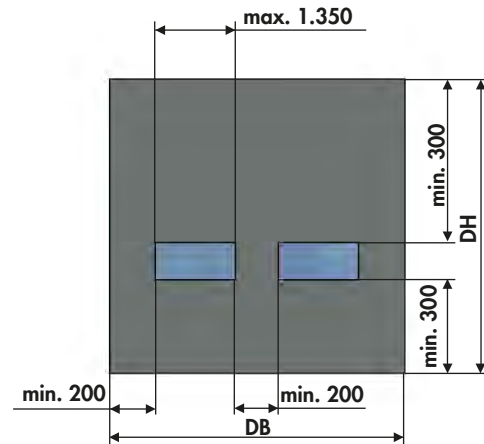
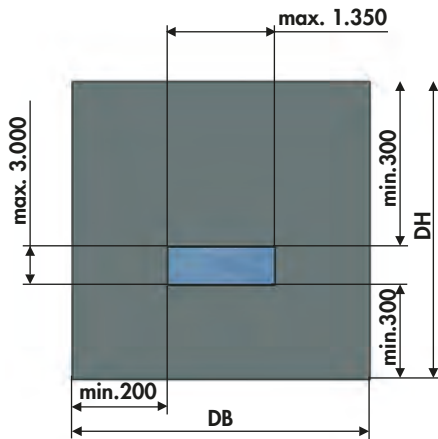




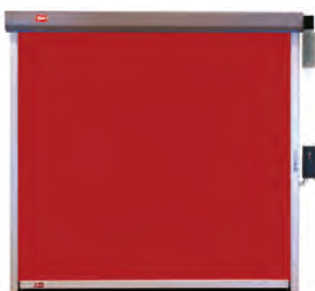
Project planning guide

Window option

1.0 mm clear PVC HF-welded into the door canvas.



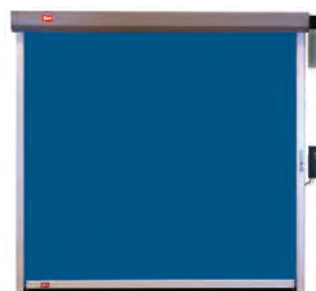
Colors



RAL 3002



RAL 9016

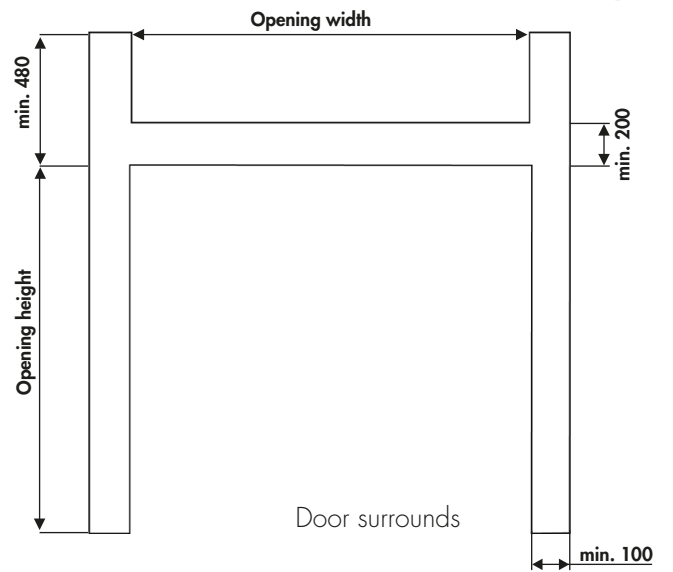
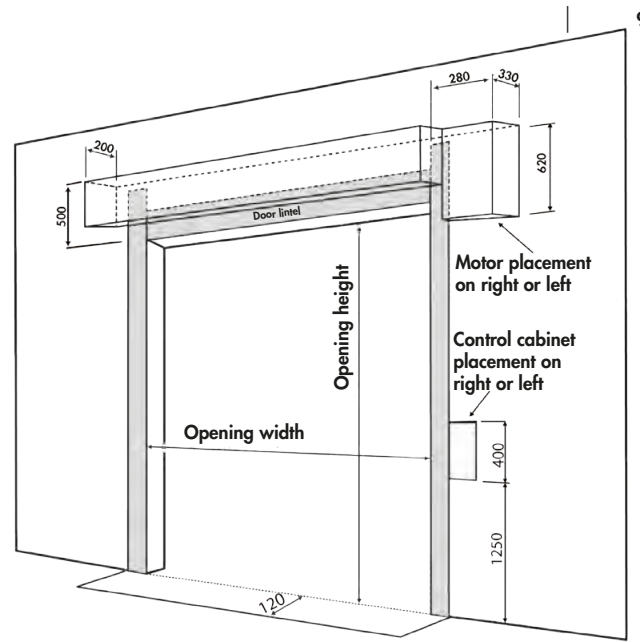


RAL 5010



RAL 7037







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REVOLID

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Technical Details

CE Marking

All Revolid doors are CE marked in conformity with the Construction Products Regulation, the Machinery Directive, the Low Voltage Directive and the EMC Directive according to the relevant standard EN13241.

Insulation value

NPD (no performance determined, designed for indoor installation).

Airtightness

NPD, in accordance with EN12426.

Mechanical durability

Dimensioned and tested for 1.000.000 opening cycles according to EN12605.

Water tightness

Class 0, in accordance with EN12425.

Wind load capacity

Class 2, in accordance with EN12444 and EN12424.

(This door is intended for indoor installation only)

7-year warranty

Refer to separate document detailing our warranty conditions. (2 year warranty on electronics)

Maintenance, service

Lowest service requirements on the market. Once/18 months or max. 50,000 openings.

Door leaf:

Scratch-resistant, fabric-reinforced PVC canvas, 900 g/m², approx. 0.9 mm thick. Available in 4 standard colors. HF-welded Keder rails welded into place on the sides of the door canvas.

Window:

1.0 mm clear PVC HF-welded into the door canvas.

Base bar:

2-piece aluminum bar designed to permit small collisions without causing damage. The base bar also contains the weights that give the door canvas an extended shape in the closed position.

Base skirt:

The 70 mm-high bottom seal made from EPDM rubber ensures a good seal against the floor. The design of the base seal, base bar and door canvas also provides a solution that seals all the way out to the corners of the door (which is otherwise a common source of issues with high-speed doors), and neither are there any expensive components that might be easily damaged upon impact. Personal safety is ensured via the light curtain in the sides of the door.

Side profiles:

Heavy-duty extruded aluminum profiles in a 2-piece design that automatically create cable ducts for various door control units and motor connections, while at the same time acting as guides for the door leaf.

Seals

The canvas is sealed in narrow grooves in the side profiles. Alumi-

num profile to reduce the opening between the canvas and the wall above the door.

Door surrounds

Made from steel with a minimum thickness of 4 mm, or from wood with a minimum thickness of 75 mm.

Wall brackets and bearings

Heavy-duty, zinc-plated, 5 mm-thick and laser-cut plates with elongated holes for easy installation and adjustment. Heavy-duty ball bearings bolted to the bearing brackets.

Motor

Frequency-controlled motor GFA FI 4.250, 1-phase 230V, enclosure class IP65. Built-in brake/catching device for fall protection. Temperature range -5 to +40 °C.

Control unit

GFA TS971, frequency 50/60 Hz, operating voltage 1-phase 230 V, fuse 10-16A, enclosure class IP65, humidity up to 93%, non-condensing. Temperature range -5 to +40 °C.

Light curtain

Encased in aluminum and bolted to side profile. 15 m cabling on both transmitter and receiver, LED-type status display.

Canvas drum

Made of steel, diameter 133 mm, with welded end caps and shafts.

UPS (optional extra)

Battery backup in the event of power outage. Can perform at least 1 opening after 4 hours of power outage.





Professional Industrial Doors

Prido has over 45 years of solid experience and is one of the leading companies in its industry.

The company designs, develops, manufactures, and markets professional door solutions for industry and other door users across northern Europe. Our aim is to offer customers the most attractive range of market-suitable products in the industry.

www.prido.com

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