

NovoSpeed

NEW!



NovoSpeed Thermo S600

The high speed, space-saving industrial door

Properties

- max. W x H = 5000 x 5000 mm, max. surface area (WxH) = 25 m²
- U-value at 5000x5000 mm ISO panels: 1,77 W/m²K
- high opening speed up to 1,1 m/s
- wind load resistance class 2- 3 according to EN 12424, or up to 10 - 12 Beaufort (89 - 133 km/h)
- low maintenance (200.000 cycles) springless system
- quick and simple installation because of pre-assembled track and drive-system
- EN13241-1 compliant



NovoSpeed Thermo S600

Our research & development department has succeeded in developing an unprecedentedly fast sectional door with exceptional insulation values. A standard rail system with specially designed rollers has an uninterrupted chain-/steel-cable system with direct drive. This patented system also contributes to the sleek design of the NovoSpeed Thermo S600. The powerful electric drive has a frequency converter. There is a choice of finishes and controls.

Dimensions	
max. width (W)	5000 mm
max. height (H)	5000 mm
max. surface area	25 m ² (350 kg)
openingspeed	1,1 m/s
closingspeed	0,5 m/s
section thickness	40 mm
section joint	Finger-pinch-protection
NovoLux-sections possible	yes
µ value at 5.000 x 5.000 mm	1,77 W/m ² K (complete ISO)

Components and construction

The NovoSpeed Thermo S600 is a high speed sectional door which consists of Microline sections with a working height of 366 mm. During the opening of the door the sections roll on a rail system under the ceiling. A powerful drive allows the door to quickly and silently run along the rail system.

Materials

- horizontal sandwich-sections consisting of an outer and inner shell of galvanized steel with a CFC-free polyurethane (PUR) core with finger-pinch-protection
- standard section height 366 mm
- panel thickness 40 mm
- rails made of sendzimir galvanized steel
- vibration-free rollers with ball bearings
- middle hinges in galvanized version
- mounting of door fittings with electrolytically galvanized parkers with serrated fixed ring
- specially developed top and bottom sealing
- unique side seal
- seal between the panels of insulating material

Surface treatment

- the outside of the sections has a polyester-coating in RAL9002 (Off-white) or RAL9006 (aluminium silver)
- the inside of the sections has a polyester-coating in RAL9002 (Off-white)

Window options

The NovoSpeed Thermo S600 is also available with one or more sections made of thermally insulated anodized aluminum profiles, with insulating double glazing.

Drive

The door is powered by an electric motor with gear unit. Drive side on the right or left.

Technical details electric drive

- power.....3x400V N,PE/50Hz/16A
- degree of protection.....IP 65

Protection

- EN13241-1 compliant
- safety light curtain (IP65 and to max. height 2500 mm)
- the door can be manually opened in the case of a power loss
- finger-pinch-protection

Structural provisions and connection (by others)

- separate technical data sheets detailing dimensional and structural requirements are available on request
- for both the electric drive and control box a wall socket must be present, within 0.5 m at 1500 mm height to the left or right next to the door (400V 3 ph / N + PE / 50Hz / 16A)
- the control box is usually 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 system has 3 buttons (open-stop-close) and regulates a multitude of functions such as:

- adjustable open time
- service and run mode
- 7-segment display for controlling the various functions
- choice of permanently open or permanently shut

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

- push-button, electronic keypad, pull switch, key-operated switch, photocell, radar, induction loop detection or remote control



Available controls:

TS971, TS981

Options / accessories ¹⁾

Control and operation

- additional controls as described above
- control box directly wired (control box IP65)
- main switch directly wired on the control box (IP65)

Protection

- leading photocell instead of a lightcurtain ²⁾ (no wiring on the door leaf)
- connection of traffic lights (red/green or red and green)
- warning flash light (orange or red)

Construction

- customer-specified RAL coating on inside and/or outside of the sections (with the exception of fluorescent and traffic colours)
- separate 'wicket door', next to the NovoSpeed Thermo S600 door (custom made, with fixed panels above or next to the NovoSpeed Thermo S600 door)

¹⁾ subject to surcharge

²⁾ subject to price reduction



www.novoferm.com

For more information:

Novoferm Nederland BV

Tel.: +31 (0)475 346 162

E-Mail: industrie@novoferm.nl

Internet: www.novoferm.com

