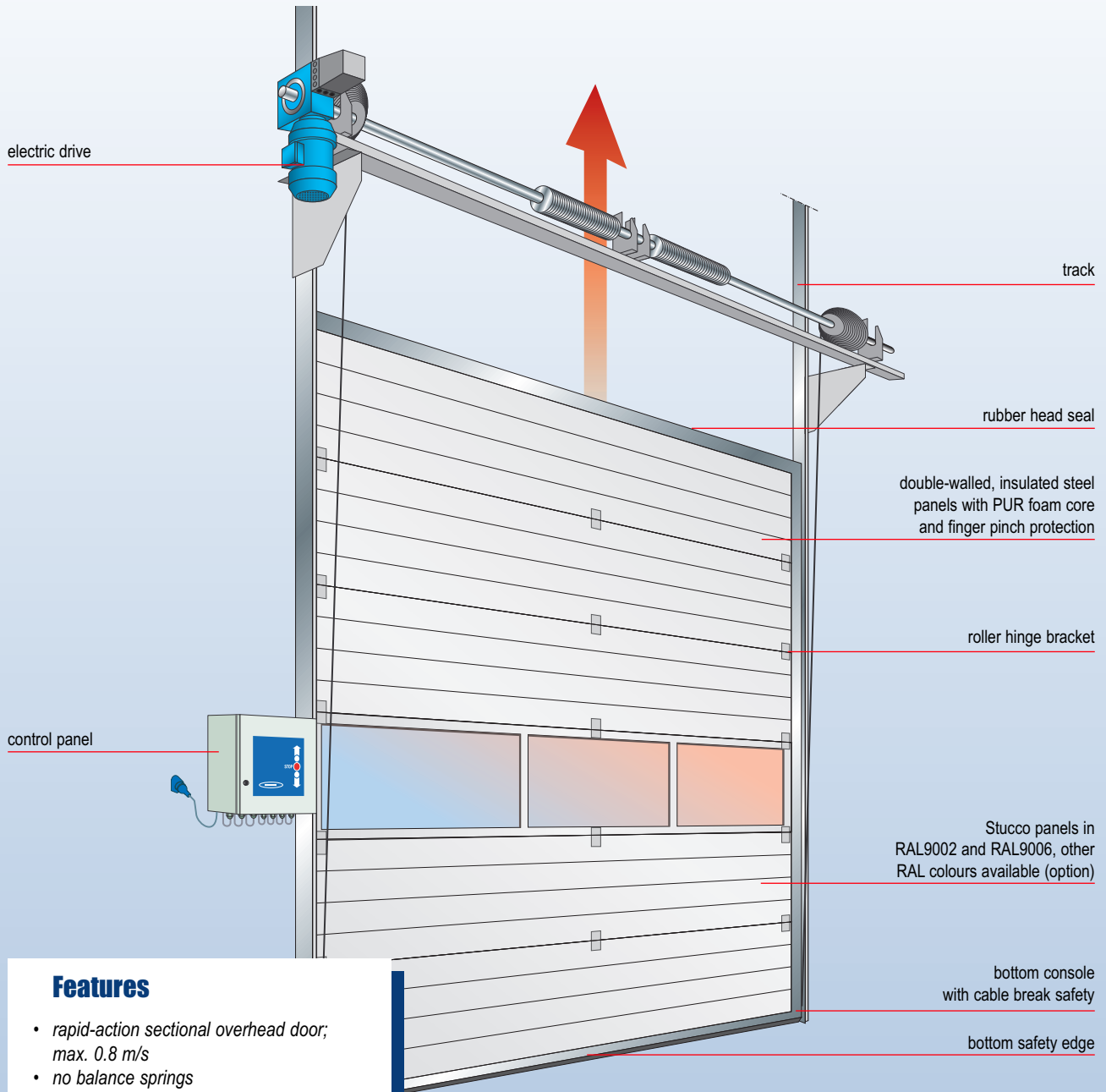


# Sectional overhead door

# ISO Highspeed+

Rapid-action exterior industrial door with balance springs



## Features

- rapid-action sectional overhead door; max. 0.8 m/s
- no balance springs
- powerful electric drive
- frequency inverter
- wide choice of operators
- bottom safety edge
- good insulation
- available in a wide choice of (RAL) colours
- superior quality door hardware
- optimum safety
- draught-proof seals around the door periphery
- different windows possible.

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*Novoferm's ISO Highspeed+ is a rapid-action, highly functional and reliable sectional overhead door. This product is characterised by the combination of the Novoferm drive system with balance springs. These doors are used in industrial buildings and public utilities. Due to its high opening speed, this design can often replace the combination of a sectional door and fast roller door; marrying two functions in a single door!*

## Components and construction, materials and finish

The design of the door panel and hardware is identical to that of the standard sectional overhead door. Refer also to the data sheets for the sectional overhead door types Thermo 45, PRISMA 45 and the PRISMA 45 ISO.

## Dimensions

- maximum door width.....4000 mm
- maximum door height .....4000 mm
- maximum door surface area .....16 m<sup>2</sup>
- the integral wicket door and low headroom track system options are not available for this design
- other dimensions on an individual enquiry basis

## Drive

Novoferm's ISO Highspeed+ uses a direct drive unit with frequency inverter control in combination with balance springs. This system guarantees smooth speed transitions during opening and closing, thus avoiding high mechanical and electrical loads.

## Control system

Novoferm's unique control system offers many functions, including:

- traffic light control (red/green)
- timer-controlled opening time duration or 'press once to open/press again to close'
- the free passage height can be set differently depending on the operator used (useful if the door is also used for pedestrian traffic)
- 'service mode' for maintenance and repair
- LED indicator lights for quick and easy fault-finding
- door interlocking in combination with another door
- choice between permanently open (summer setting), or permanently closed.

## Operators

As standard, the control panel features 2 push-buttons ('open - close'), an emergency stop and a four pole isolator switch. Remote operation is possible using pull switches, key switches, push-buttons, photocells, radar, induction loop detection or a radio control transmitter and receiver system.

## Performance

- maximum opening speed\* ..... 0,8 m/s
- maximum closing speed .....0,4 m/s

\* dependent on the type of track system.

## Safety features

The door is fitted with the following safety features as standard:

- spring break safety
- slack cable safety
- electrical bottom safety edge
- manual opening in the event of power failure.

## Technical details

- mains supply.....1N~230V/ 50Hz / 16A
- IP rating .....IP 54
- power requirement.....max. 1,1 kW

## Auxiliary components/ options/ accessories

- IP65 rating
- safety photocell
- other operation configurations are possible
- integral wicket door (only in combination with a vertical lift track system).

## Installation space requirement and electrical connection

- an isolator switch must be installed within 1 m of the position where the control panel will be located
- the installation space requirement for a vertical lift track system is shown in the illustration below. Details for other track systems are available on request.