

HIGH-SPEED DOOR HSC801AP

BREAK-AWAY AND AUTOMATIC RESET SYSTEM

If a door is hit by a vehicle during operation, the resistant door curtain absorbs the impact and releases itself from its side guides, minimizing damage. The door reinserts itself automatically within the next open and close cycle. This unique feature makes the door crash-resistant, reducing damage, production downtime and repair costs.

WINDOWS, VISION PANELS AND INSECT SCREENS

To increase the admission of daylight or to improve the visibility or airflow, the door curtain can be equipped with windows, vision panels or insect screens. Windows and insect screens have fixed sizes and are located on a pre-defined grid. A vision or insect screen panel is always located on the full width of the door curtain.

SOFT BOTTOM BEAM

The soft bottom beam is a flexible floor sealing that contains a wireless detection device. When the door is hit by a vehicle, the curtain dislocates from the side column and automatically resets itself immediately during movement or during the next opening cycle.

DOOR CURTAIN

The door curtain is constructed from one single piece of PVC fabric. The door curtain rolls up above the door opening and requires little space.



Normstahl high-speed door HSC801AP

MAIN FEATURES

- Medium-sized, max. 5,500 x 5,500 mm
- Heavy-duty operations
- Outside usage
- Galvanised steel construction
- Unique direct door drive system
- Opening speed up to 2,4 m/s, closing 1,2 m/s

TECHNICAL DATA

Min size (W x H)	1,000 x 2,000 mm
Max size (W x H)¹⁾	5,500 x 5,500 mm
Operating speed²⁾	Opening: up to 2,4 m/s Closing: 1,2 m/s
Wind load resistance, EN 12424³⁾	Class 3 (700 N/m ²) Class 4 (1,000 N/m ²) for doors up to 4,000 x 5,500 mm
Water penetration, EN 12425³⁾	Class 2 (50 N/m ²)
Air permeability, EN 12426³⁾	Class 1 (24 m ³ /m ² /h at 50 Pa)
Thermal transmittance	6,02 W/(m ² K)
Performance Test	1,000,000 cycles

1) Other sizes available on request 2) Depending on door size
3) Not applicable for insect screens

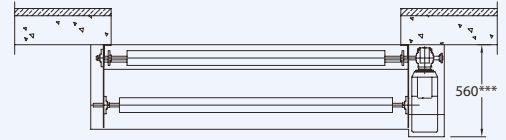
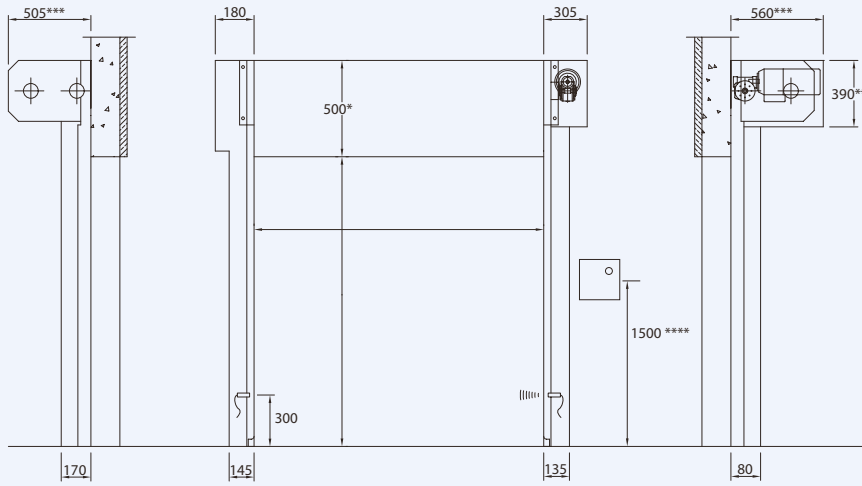
MEDIUM-SIZED HIGH SPEED DOOR FOR OUTSIDE APPLICATIONS

The fast opening and closing speed improves your traffic flow, provides employee comfort, and saves energy.

The unique dual barrel power drive system eliminates the need for weighted bottom bars or tension systems by actively driving the door curtain. The direct drive also ensures excellent opening and closing during heavy winds. Exceptional reliability and smooth operation is ensured by a frequency converter driven motor for a soft start and stop.

The reliable and versatile control unit ensures precise door set up and diagnostics and is enclosed in a robust steel control box. The clear display is customer friendly giving a wide range of information like an easy to read cycle counter.

DIMENSIONAL SPECIFICATION



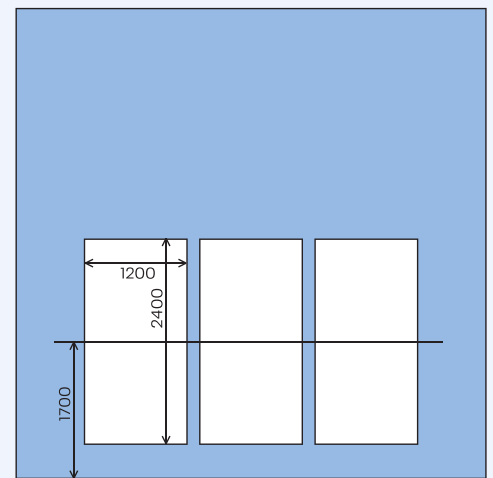
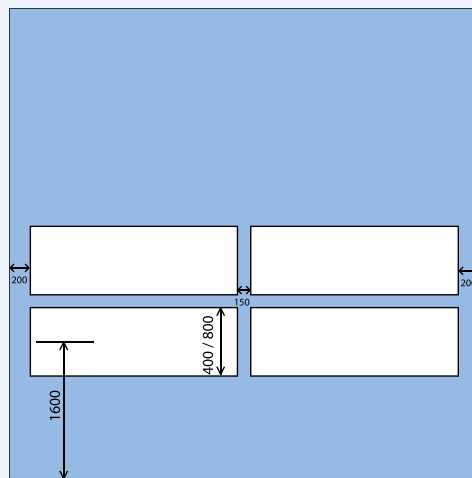
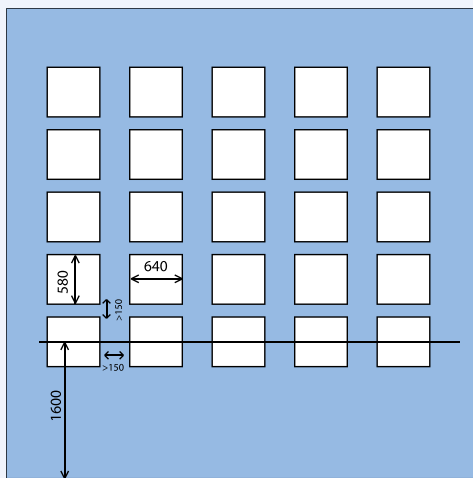
* If drum cover and H > 4000 mm or if drum cover and H > 2000 mm and insulated curtain = 650 mm

** If drum cover and H > 4000 mm = 630 mm

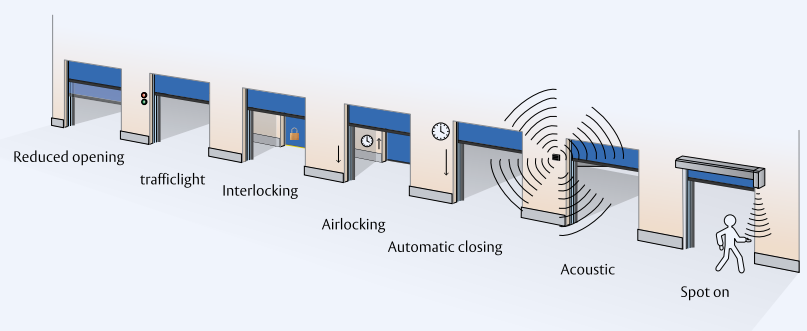
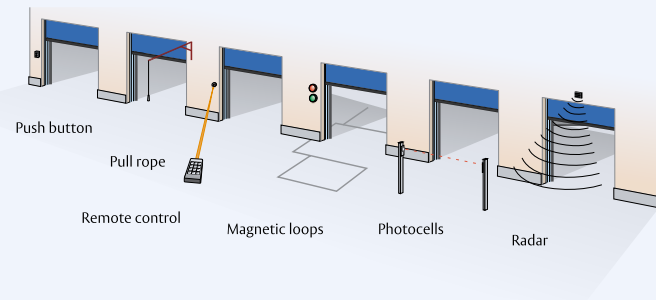
*** If drum cover and H > 4000 mm = 650 mm

**** Recommended installation position

WINDOWS, VISION PANELS AND INSECT SCREENS



OPTIONS ACCESS AND AUTOMATION



AVAILABLE STANDARD COLOURS

