

Good reasons to try Hörmann

Quality features of the flexible high-speed doors



1 Safety as standard

Non-contact safety

The standard safety light grille monitors the closing zone of the door up to a height of 2500 mm. A closing edge safety device is not required. Fitting in the frame also reduces the risk of collision damage. These advantages are what makes Hörmann high-speed doors especially easy to service and fit.

2 Optimised operations

Impulses for a longer service life and increased efficiency

At Hörmann, you receive all high-speed doors with a frequency converter control (FU) as standard – for fast, safe and low-wear door travel. High opening and closing speeds help you to optimise your operations and reduce heat losses and draughts at the workplace. In addition, they relieve the entire door mechanism through the smooth starting and braking action which considerably extends the service life of the door.

Innovative door technology
Particularly easy to fit
and service as standard



3

Practical solutions

No downtimes resulting from a crash thanks to the SoftEdge bottom profile
The innovative SoftEdge door technology prevents damage and resulting downtimes of the door system. Extensive repairs, such as those with rigid bottom profiles, do not become necessary. SoftEdge ensures trouble-free operation and production processes.

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Innovative details

Radio crash switch
The radio crash switch is concealed in the SoftEdge bottom profile. If the bottom profile is pushed out of the side guides by a crash, the radio crash switch transmits a signal to the control and the **door is stopped immediately**, fulfilling the requirements of DIN EN 13241-1.

Flexible high-speed doors

To improve indoor climate
and optimise the flow of traffic



Flexible high-speed doors from Hörmann have been designed for safe, efficient and lasting operation. A standard light grille does away with the need for additional installations, such as a closing edge safety device, making the doors particularly easy to fit and service.

V 4015 SEL R

Internal door with SoftEdge and tubular drive



For logistics areas and supermarkets

Storage shelves often do not permit a gearbox that protrudes on the side. Here, the high-speed door V 4015 SEL R with the tubular drive integrated in the door shaft is an optimum solution.

Fully equipped

The standard frequency converter control (FU) guarantees fast and quiet door travel. In addition, the door is equipped with a safety light grille and SoftEdge bottom profile with manual insertion for increased personal safety.

The shaft cover that is limited to the construction width is available in a galvanized version and, on request, in a powder-coated version based on RAL.

Fitted quickly and simply

To enable a quick fitting, the door shaft is already assembled with the tubular drive at the factory.



Standard shaft cover with standard emergency crank handle.

Internal door	V 4015 SEL R
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Size range

Max. width (LDB)	4000 mm
Max. height (LDH)	4000 mm

Speed

With standard FU control BK 150 FU E H	
Max. opening speed	1.5 m/s
Max. closing speed	0.8 m/s

Curtain

Spring steel in curtain pockets	
Or aluminium profile (from 2500 mm door width)	
Fabric thickness	1.5 mm
Vision panel thickness	2.0 mm

Curtain colours

RAL 1018 Zinc yellow
RAL 2004 Pure orange
RAL 3002 Carmine red
RAL 5010 Gentian blue
RAL 7038 Agate grey

Emergency opening

Emergency crank handle
Optional: Automatic door opening via UPS in case of power failure (BK 150 FU E H UPS, 230 V)

V 5015 SEL

Internal door with SoftEdge and anti-crash



Especially economical

The inexpensive high-speed door for inside, with SoftEdge bottom profile and standard FU control for safe and gentle continual operation.

The curtain stability of the door type V 5015 SEL is achieved through proven aluminium profiles and a horizontally stable SoftEdge bottom profile at the lower edge.

Aluminium profiles

In case of repair, the inexpensive curtain stabilization allows the curtain segments to be replaced quickly and easily.



Curtain stability with aluminium profiles



Optional fly-protection curtain in place of the vision panel

Internal door	V 5015 SEL
Size range	
Max. width (LDB)	5000 mm
Max. height (LDH)	5000 mm
Speed	
With standard FU control BK 150 FU E H	
Max. opening speed	1.5 m/s
Max. closing speed	0.8 m/s
Curtain	
With aluminium profile	
Fabric thickness	1.5 mm
Vision panel thickness	2.0 mm
Curtain colours	
RAL 1018 Zinc yellow	
RAL 2004 Pure orange	
RAL 3002 Carmine red	
RAL 5010 Gentian blue	
RAL 7038 Agate grey	
Emergency opening	
Emergency crank handle	
Optional: Automatic door opening via UPS in case of power failure	

V 5030 SEL

Internal door with SoftEdge and anti-crash



Quiet and fast

In areas with a low noise level, a door should cause little noise, too, and work quickly and reliably even with strong draughts.

This is why the V 5030 SEL is equipped with spring steel wind locks, that provide the door with the curtain stability it needs.

Spring steel wind locks

Integrated in a curtain pocket, with lateral twin rollers, they ensure quiet door travel and allow for higher wind loads.

You can also optionally obtain the V 5030 SEL with aluminium bottom profile for wind class 1 (DIN EN 12424).



Spring steel wind lock

Internal door	V 5030 SEL
Size range	
Max. width (LDB)	5000 mm
Max. height (LDH)	5000 mm
Speed	
With standard FU control BK 150 FU E H	
Max. opening speed	2.0 m/s
Max. closing speed	0.8 m/s
Optional control AS 500 FU E	
Resistance to wind load (EN 12424)	
With aluminium bottom profile	Class 1, max. 88 km/h
Curtain	
Spring steel wind lock with lateral twin rollers	
Fabric thickness	1.5 mm
Vision panel thickness	2.0 mm
Curtain colours	
RAL 1018 Zinc yellow	
RAL 2004 Pure orange	
RAL 3002 Carmine red	
RAL 5010 Gentian blue	
RAL 7038 Agate grey	
Emergency opening	
Emergency crank handle	
Optional: Automatic door opening via UPS in case of power failure	

V 6030 SEL

Internal and external door with SoftEdge and anti-crash



For highly-frequented transport routes, with crash-protection

External doors are driven into, e.g. by forklifts, more frequently than internal doors. This is where crash-protection pays off because it significantly reduces downtimes and repair costs.

And the high speeds at which the door opens and closes also save on energy costs.

Spring steel wind lock in curtain pocket

The lateral twin rollers ensure quiet and secure door travel. Even wind loads of up to 100 km/h do not pose problems thanks to the spring steel wind protectors.

You can also optionally obtain the V 6030 SEL with aluminium bottom profile.



Spring steel wind lock



The tensioning system tensions the door curtain for reliable door travel.

Internal door / external door	V 6030 SEL
Size range	
Max. width (LDB)	5000 mm
Max. height (LDH)	6000 mm
Speed	
With standard FU control BK 150 FU E H	
Max. opening speed	2.0 m/s
Max. closing speed	0.8 m/s
Optional control AS 500 FU E	
Resistance to wind load (EN 12424)	
Class 2, max. 100 km/h	
Curtain	
Spring steel wind lock with lateral twin rollers and tensioning system	
Fabric thickness	1.5 mm
Vision panel thickness	2.0 mm
Curtain colours	
RAL 1018 Zinc yellow	
RAL 2004 Pure orange	
RAL 3002 Carmine red	
RAL 5010 Gentian blue	
RAL 7038 Agate grey	
Emergency opening	
Emergency crank handle	
Optional: Automatic door opening via UPS in case of power failure	

V 6020 TRL

Internal and external doors with transparent curtain



Fully transparent for more light

The fully transparent high-speed door V 6020 TRL is suitable for high ingress of light as an external door but also for an improved view in internal areas.

The 4-mm-thick transparent curtain lets light into the room resulting in a pleasantly bright workplace.

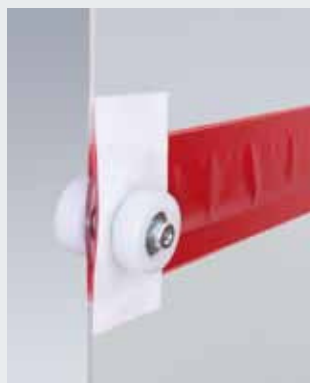
If used as an external door, we recommend the heavy, partially transparent version.

See what's coming at you

Transport routes become safer through unimpeded visual contact. Fully transparent curtains are available in sizes up to 25 m²; from 25 m² only fabric curtains with an optional vision field.

Wind lock

In addition to the standard tensioning system, the spring steel wind locks ensure the required curtain stability.



Transparent for more light and an unimpeded view



Aluminium bottom profile for more stability

Internal door / external door	V 6020 TRL
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Size range

Max. width (LDB)	6000 mm
Max. height (LDH)	7000 mm

Speed

With standard FU control BK 150 FU E H (up to 95 kg), FU control AS 500 FU E (from 95 kg)	
Max. opening speed	2,0 m/s
Max. closing speed	0,5 m/s

Resistance to wind load (EN 12424)

Class 3, max. 115 km/h

Curtain

Spring steel wind lock with lateral twin rollers and tensioning system	
Fully transparent curtain thickness	4,0 mm
Fabric thickness	2,4 mm (from 25 m ² door size)

Wind lock strip colours

RAL 1018 Zinc yellow
RAL 2004 Pure orange (optional fabric colour)
RAL 3002 Carmine red
RAL 5010 Gentian blue (optional fabric colour)
RAL 7038 Agate grey (optional fabric colour)

Emergency opening

Emergency crank handle
Optional: Automatic door opening via UPS in case of power failure (BK 150 FU E H UPS, 230 V) (up to approx. 12,25 m ² door size)