

## Side sliding sectional doors

NEW: High water tightness and low air permeability through the floor rail with continuous seal

**HÖRMANN**

# Discover the space you could save

Hörmann side sliding sectional doors are the ideal solution for special fitting situations:

In contrast to up-and-over doors, sectional doors and roller garage doors, this type of door opens to the side instead of upwards. This is particularly advantageous if, for example, the garage ceiling has to remain free to store items (such as surfboards), or the door leaf cannot be stowed underneath or fitted to the ceiling due to construction reasons (a sloped roof, low lintel, obstructive drainpipes).







“A good reputation must be earned.”

August Hörmann

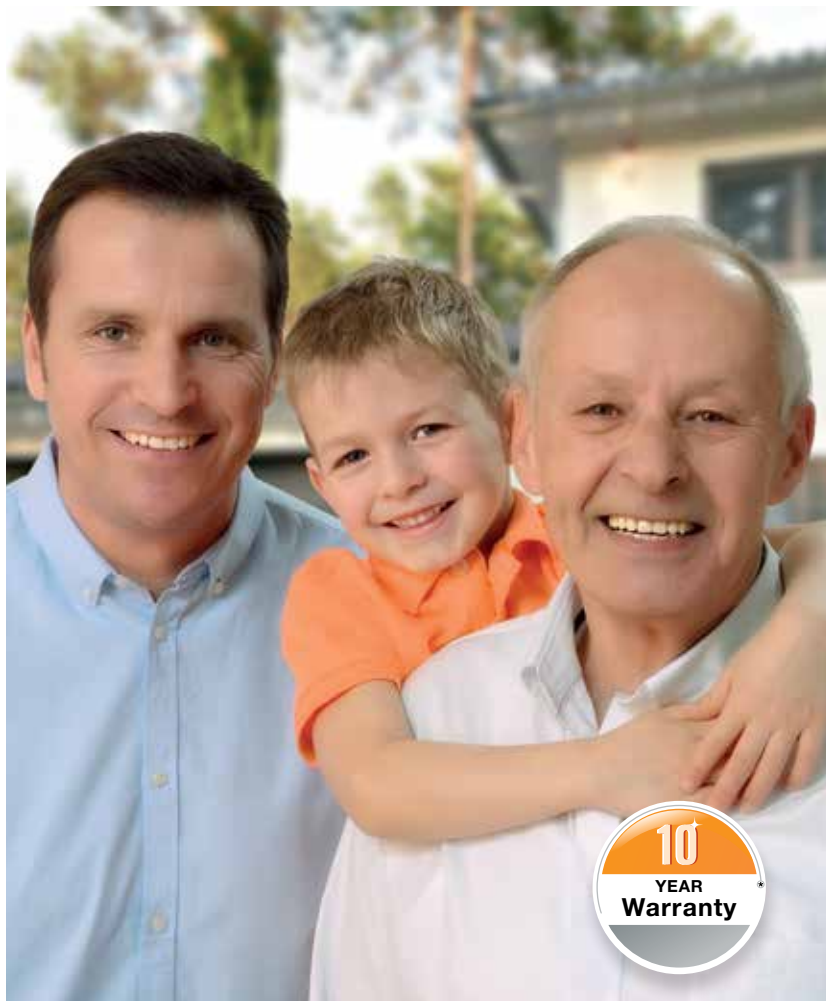
In keeping with the tradition started by the company's founder, the Hörmann brand today is a true promise of quality. The family-owned company has over 80 years of experience in door and operator construction and, with sales of over 20 million doors, is no. 1 in Europe. This makes a Hörmann side sliding sectional door a reassuring purchase.



## 1 Brand quality “Made in Germany”

All doors and operator components are developed and manufactured by Hörmann, **perfectly matched to each other** and **tested and certified** by independent, recognised institutes to ensure your safety. They are manufactured in Germany according to the DIN ISO 9001 quality management system and meet the requirements of European standard 13241-1. Furthermore, our highly qualified employees work intensively on new products, continual further developments and improvements to details. The results are patents and unique products on the market.





## 2 Garage doors for generations

Endurance tests under real conditions ensure mature series products with Hörmann quality. Thanks to this, as well as excellent technical solutions and uncompromising quality assurance, you receive a **10-year warranty on all Hörmann side sliding sectional doors and a 5-year warranty on Hörmann operators.**\*

\* The complete warranty conditions can be found at:  
[www.hormann.co.uk](http://www.hormann.co.uk)

## 3 An eye on the future

Hörmann is setting a good example. This is why the company obtains **100% of its energy consumption from green sources**. Together with an intelligent and certified energy management system, CO<sub>2</sub>-neutral mailing and the recycling of valuable materials, more than **40000 tons of CO<sub>2</sub> are saved each year**. And last but not least, Hörmann also offers products for sustainable construction.



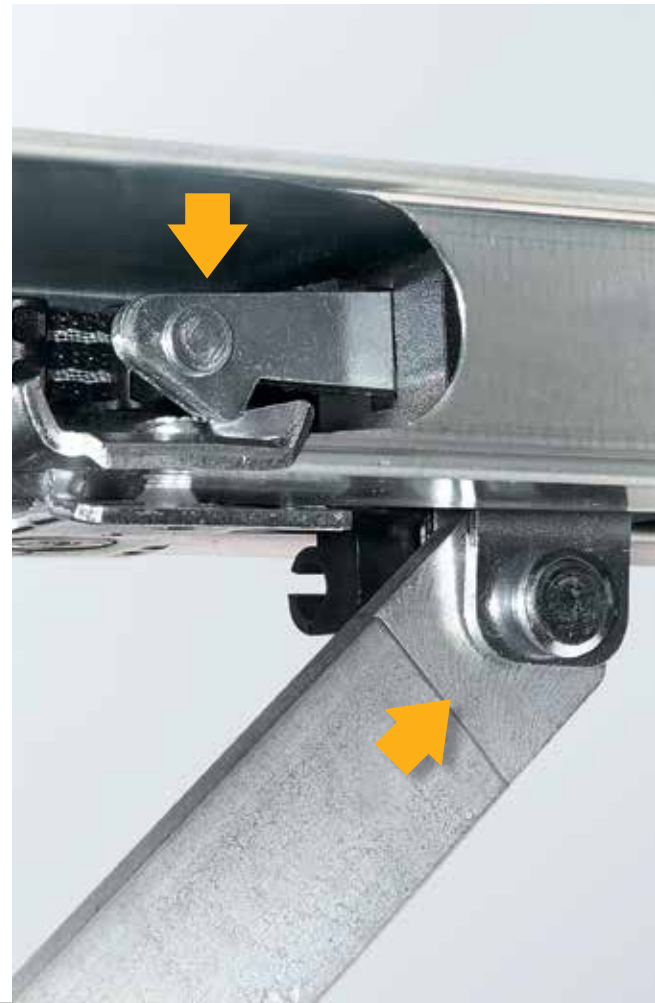
## 4 Light, quiet, precise

42-mm-thick panels with PU foam infill are guided safely and precisely at the top by **stable twin rollers** and at the bottom in a rounded floor rail. The floor rail is open on both ends, making it easy to clean.

## 5 Reliable

Optimally shaped door section transitions and hinges **prevent fingers from being accidentally trapped**.

The **reliable automatic safety cut-out** is active **during both the opening and closing cycle of the door**. The door stops immediately if there is an obstacle in the opening zone or in the wall guide. This prevents injuries and damage to vehicles or property.



## 6 Convenient

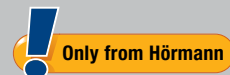
**Side sliding sectional doors can also be opened partially to allow pedestrians to pass.** This way you can get into your garage faster, for example if you want to get your bicycle out.



**The passage width can be individually set in doors with an operator.** The door is operated via the hand transmitter or the optional door handle with radio module.

For further information, please see page 18.

## 7 Secure



**Mechanical anti-lift kit in the operator boom**

Uninvited guests barely stand a chance with Hörmann's automatic sectional doors. When the garage door is closed, the **anti-lift kit** automatically engages in the stop of the operator boom, then **locks immediately and is secured against forced opening**. This patented door locking functions purely mechanically and, in contrast to competitor operators, continues to secure the door even when the power fails. Additionally, two hooks on the side of the door connect the end of the door leaf firmly with the side frame.



Watch the video at:  
[www.hormann.co.uk/videos](http://www.hormann.co.uk/videos)





## 8 BiSecur radio system with certified security



Only from Hörmann

The bi-directional BiSecur radio system is based on **future-oriented technology** for the convenient and secure operation of garage and entrance gate operators, door operators, lights and more. This extremely secure BiSecur encryption protocol, developed by Hörmann, with a stable, interference-free range makes sure that no one can copy your radio signal. It was tested and certified by security experts at Bochum University.



Watch the video at:  
[www.hormann.co.uk/videos](http://www.hormann.co.uk/videos)

## 9 Perfectly matched and 100% compatible

**All BiSecur operators, receivers and control elements are 100% compatible.** Using a hand transmitter or radio code switch, for example, you can conveniently operate your garage door as well as an entrance gate equipped with a Hörmann operator, your door operators or other devices with BiSecur receivers.

With the new **Hörmann BlueSecur app**, you can conveniently use your smartphone to operate your garage door or entrance gate via Bluetooth\*. In addition, other user permissions\*\* can be permanently or temporarily transferred to other smartphones, so that every family member always has their "gate and door opener" with them.

\* In conjunction with an external Hörmann Bluetooth receiver

\*\* In-app purchases may be required



## 10 Convenient querying of the door position

**You no longer have to go out in any wind and weather** to check if your door is closed. At the press of a button, the colour of the LED on the hand transmitter HS 5 BS indicates the position of the door. If required, another push of a button\*\*\* closes the door. It is the most convenient and secure way to control your door.

\*\*\* An additional photocell is required for operation without visual contact to the door.

## 11 Award-winning design

In addition to a black or white design, **BiSecur hand transmitters** are characterised by an elegant shape that fits easily in the palm of your hand.

Hörmann's BiSecur hand transmitters with an optional high-gloss surface in a piano lacquer look have received the reddot design award for their exclusive design.



Watch the video at:  
[www.hormann.co.uk/videos](http://www.hormann.co.uk/videos)

Figure above: Hand transmitter HS 5 BS with hand transmitter station (optional).

## Side sliding sectional doors HST

The 42-mm-thick, PU-foamed sandwich panels are characterised by excellent acoustic and thermal insulation, in addition to good door leaf stability and quiet operation.



M-ribbed, Traffic white, RAL 9016



L-ribbed, Traffic white RAL 9016



L-ribbed, Traffic white RAL 9016  
Style 451 without glazing (not shown)



L-ribbed, Traffic white RAL 9016  
Style 461 with glazing





#### M-ribbed

#### L-ribbed

|             |                                                                                        |                                                                                        |
|-------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Woodgrain   | Traffic white RAL 9016<br>15 preferred colours<br>RAL to choose                        | Traffic white RAL 9016<br>15 preferred colours<br>RAL to choose                        |
| Sandgrain   | Traffic white RAL 9016<br>3 preferred colours                                          | Traffic white RAL 9016<br>3 preferred colours                                          |
| Silkgrain   | Traffic white RAL 9016<br>15 preferred colours<br>RAL to choose                        | Traffic white RAL 9016<br>15 preferred colours<br>RAL to choose                        |
| Decograin   | Golden Oak, Dark Oak, Night Oak,<br>Rosewood, Winchester Oak,<br>Titan Metallic CH 703 | Golden Oak, Dark Oak, Night Oak,<br>Rosewood, Winchester Oak,<br>Titan Metallic CH 703 |
| Max. width  | 6500 mm                                                                                | 6500 mm                                                                                |
| Max. height | 3000 mm                                                                                | 3000 mm                                                                                |

### Performance characteristics according to European standard 13241-1

#### Thermal insulation

|              |                                                 |
|--------------|-------------------------------------------------|
| Section      | $U = 0.5 \text{ W}/(\text{m}^2 \cdot \text{K})$ |
| Fitted door* | $U = 1.9 \text{ W}/(\text{m}^2 \cdot \text{K})$ |

#### Sealing

|       |                      |
|-------|----------------------|
| Air   | Class 2 ■ <b>NEW</b> |
| Water | Class 2 ■ <b>NEW</b> |

|           |         |
|-----------|---------|
| Wind load | Class 3 |
|-----------|---------|

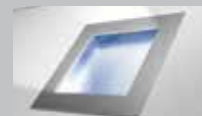
\* The U-value applies to fitted doors without glazing with the dimensions: 5000 x 2125 mm

### Individual design styles

You can individually position and combine the design elements on your door, as shown in the door views. You can design your own door style. Doors with wicket door are also available with design elements. Your Hörmann partner would be pleased to advise you.



Design element with optional real glass\* for design styles 461 and 481 ■ **NEW**



Design element with stainless steel and synthetic glazing



Style 451



Style 461



Style 452



Style 462



Style 471



Style 481



Style 459



Style 469



Style 453



Style 463



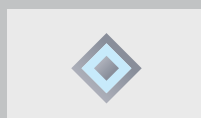
Style 455



Style 460



Style 472



Style 482



Style 473



Style 483



Style 474



Style 475



Style 456

The example styles show doors with the dimensions 2500 x 2125 mm.

The following pages illustrate all of the colours, technical data can be found from page 30 onwards.

## It's your choice

Design your garage door to exactly fit your needs. You can choose from up to 4 surfaces that you can adapt to match the architecture of your home. Additionally, you can choose from 15 equally-priced preferred colours, approx. 200 RAL colours and 6 Decograin decors. The door surfaces are optimally protected against rust, allowing you to enjoy your new door for a long time. Rain runs off without leaving any streaky marks thanks to the use of hot-galvanized material and a high-quality polyester-primer coating on both sides.

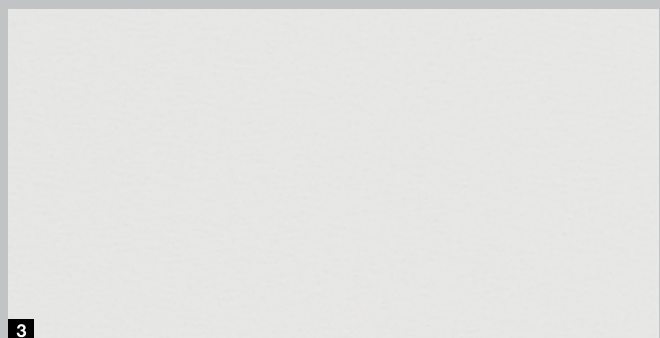
### Steel surface finishes



1



2



3



4

#### Please note:

Side sliding sectional doors are generally supplied in Grey white, RAL 9002, on the inside of the door.

Dark colours should not be used for double-skinned steel doors that are exposed to the sun, as possible section deflection may restrict the door's function.

All colours are based on RAL. The colours and surfaces shown are subject to the limitations of the printing process and cannot be regarded as binding. Please consult with your Hörmann partner.

## 1 Woodgrain

On this inexpensive, robust Woodgrain surface with an authentic sawn timber look, minor scratches can be easily repaired by working with the texture.

## 2 Sandgrain

The finely structured surface is an ideal choice for price-conscious owners and is particularly suited for modern homes.

## 3 Silkgrain

Thanks to its elegant door appearance, the silky smooth Silkgrain surface is the first choice for modern architecture.

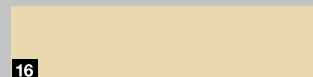
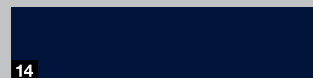
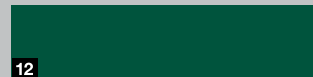
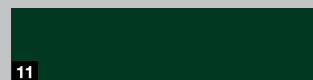
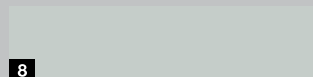
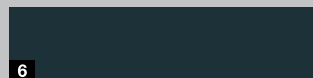
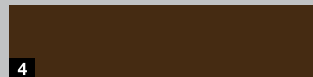
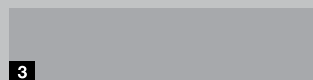
## 4 Decograin

The Decograin surface gives your sectional door a striking and authentic timber look or an elegant metallic appearance in Anthracite.

### Standard colour



### 15 preferred colours



### 6 Decograin decors



|    |          |                   |
|----|----------|-------------------|
| 1  | RAL 9016 | Traffic white     |
| 2  | RAL 9007 | Grey aluminium    |
| 3  | RAL 9006 | White aluminium * |
| 4  | RAL 8028 | Terra brown *     |
| 5  | RAL 8003 | Clay brown        |
| 6  | RAL 8001 | Ochre brown       |
| 7  | RAL 7040 | Window grey       |
| 8  | RAL 7035 | Light grey        |
| 9  | RAL 7030 | Stone grey        |
| 10 | RAL 7016 | Anthracite grey * |
| 11 | RAL 6009 | Fir green         |
| 12 | RAL 6005 | Moss green        |
| 13 | RAL 5014 | Pigeon blue       |
| 14 | RAL 5011 | Steel blue        |
| 15 | RAL 3003 | Ruby red          |
| 16 | RAL 1015 | Light ivory       |

|   |                                                              |
|---|--------------------------------------------------------------|
| 1 | Decograin Golden Oak: medium brown, golden yellow oak design |
| 2 | Decograin Dark Oak: walnut-coloured oak decor                |
| 3 | Decograin Night Oak: dark, intense oak design                |
| 4 | Decograin Rosewood: mahogany-coloured timber design          |
| 5 | Decograin Winchester Oak: natural-coloured knotty oak design |
| 6 | Titan Metallic CH 703: Anthracite with a metallic effect     |

\* Preferred colours for Sandgrain surface finish

# The elegance of side sliding sectional doors

Create your dream door choosing from seven door styles, ranging from the elegant M- and L-ribbings to exclusive designs with glazings and stainless steel embellishments. Thanks to the wide range of surfaces, colours, and decors, you can perfectly match your side sliding sectional door to the architectural style of your home.







## THE ELEGANCE OF SIDE SLIDING SECTIONAL DOORS



▲ L-ribbed, style 461, Hörmann colour CH 703

► L-ribbed, Traffic white RAL 9016







◀ M-ribbed, Decograin Golden Oak





## Automatic wicket door function for doors with operators

Using a hand transmitter or the handle on the door, you can partially open your side sliding sectional door to allow pedestrians to pass. A brief actuation of the handle and the door automatically moves into the set position. Actuating the handle again closes the door. You can easily adjust the clear passage width with the operator. For example, a narrow passage for persons or a wider passage for bikes, motorcycles or wheelbarrows.



### Integrated lockable handle with full radio internal push button functions

Two buttons and a sliding switch on the interior side of the handle allow you to:

- 1 Completely open and close the door
- 2 Operate the wicket door function
- 3 Switch off the radio signal (away setting)





White aluminium RAL 9006



Traffic white RAL 9016



Brown



Brushed stainless steel



Standard door handle position for M- and L-ribbing



Door handle position for intermediate widths for M- and L-ribbing

## 4 handle colours

Manually operated doors are supplied as standard with a handle in White aluminium. Three additional colours are optionally available.

The same versions are also available for automatic doors with automatic wicket door function.



Glazing S0



Glazing S1



Glazing S2

## 3 glazings

The glazings for the top door area are available with a synthetic double pane, either clear or crystal structure. The frames are white as standard and can optionally be delivered in the colour of the door or in RAL to choose.



Ventilation grilles  
Ventilation cross section  
40 cm<sup>2</sup> / grille

## Ventilation grilles

The ventilation grilles in the bottom part of the door are available in black as standard, and optionally in the colour of the door or in RAL to choose.

# Reliable, secure, 100% compatible

Hörmann garage door operators are perfectly matched to your Hörmann side sliding sectional door. The result: simple operation, maximum convenience and the greatest operational safety.

Using our elegant hand transmitters you can conveniently and safely operate your garage door as well as an entrance gate equipped with a fully compatible Hörmann operator or other devices, such as lamps. It goes without saying that our extensive Hörmann programme offers the right operator and accessories for your wishes and needs.



Garage Door  
and Entrance Gate Operators  
with remote control and safety for your property, light and more

More information can be found in the "Garage door and entrance gate operators" brochure.











# SupraMatic

The supra-fast operator with many additional functions

- As standard with 5-button hand transmitter HS 5 BS and a HSE 4 BS
- Query of the door position
- Low power consumption
- Easy to program
- 2x 7-segment display
- Separately switchable LED illumination with energy efficiency class A++
- Adjustable partial opening
- Operator cover made of brushed aluminium
- Automatic door locking
- Double automatic safety cut-out in the Open and Close directions



HS 5 BS  
textured  
black with  
chrome caps



HSE 4 BS  
textured black  
with plastic caps

|                       | SupraMatic E      |
|-----------------------|-------------------|
| Cycles per day / hour | 25 / 10           |
| Pull and push force   | 650 N             |
| Peak force            | 800 N             |
| Max. opening speed    | 12 – 18 cm/s      |
| Max. door width       | 6500 mm           |
| Max. door surface     | 15 m <sup>2</sup> |



## ProMatic – the good-value starter model as an introduction to Hörmann's premium quality

- As standard with two 4-button hand transmitter HSE 4 BS
- Adjustable partial opening
- Automatic door locking
- Double automatic safety cut-out in the Open and Close directions
- LED illumination with energy efficiency class A++



HSE 4 BS textured black with plastic caps

|                       | ProMatic         |
|-----------------------|------------------|
| Cycles per day / hour | 12 / 5           |
| Pull and push force   | 600 N            |
| Peak force            | 750 N            |
| Max. opening speed    | 8 – 10 cm/s      |
| Max. door width       | 3000 mm          |
| Max. door surface     | 9 m <sup>2</sup> |



## Hand transmitter HS 5 BS

4 button functions, plus query button,

1 High-gloss surface black or white

2 Textured surface black



## Hand transmitter HS 4 BS

4 button functions,

3 Textured surface black

## Hand transmitter HS 1 BS

1 button function,

4 Textured surface black

## Hand transmitter HSE 1 BS

1 button function, including eyelet for key ring

5 Textured surface black



## Hand transmitter HSE 4 BS

4 button functions, including eyelet for key ring

6 Textured surface black with chrome or plastic caps

## Hand transmitter HSE 2 BS

2 button functions, including eyelet for key ring

7 High-gloss surface black or white

8 High-gloss surface green, purple, yellow, red, orange

9 Decor in silver, carbon, dark rootwood



(Shown from left)





**10 Hand transmitter**

**HSD 2-A BS**

Aluminium look, 2 button functions, can also be used as a key ring

**11 Hand transmitter**

**HSD 2-C BS**

High-gloss chrome, 2 button functions, can also be used as a key ring



**12 Hand transmitter**

**HSP 4 BS**

4 button functions, with button lock-out incl. key ring



**13 Hand transmitter**

**HSZ 1 BS**

1 button function, for insertion in vehicle cigarette lighter

**14 Hand transmitter**

**HSZ 2 BS**

2 button functions, for insertion in vehicle cigarette lighter



**16 Radio code switch**

**FCT 3 BS**

For 3 functions, with illuminated buttons



**17 Radio code switch**

**FCT 10 BS**

For 10 functions, with illuminated buttons and protective cover



**18 Radio finger-scan**

**FFL 12 BS**

For 2 functions and up to 12 fingerprints



**15 Radio internal push button FIT 2-1 BS**

For 2 functions, connection option for max. 2 control elements via cable, e.g. key switch



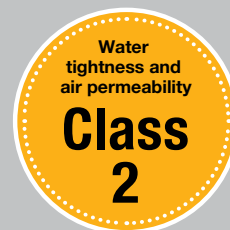
**Key switch**

**19 STAP 50**

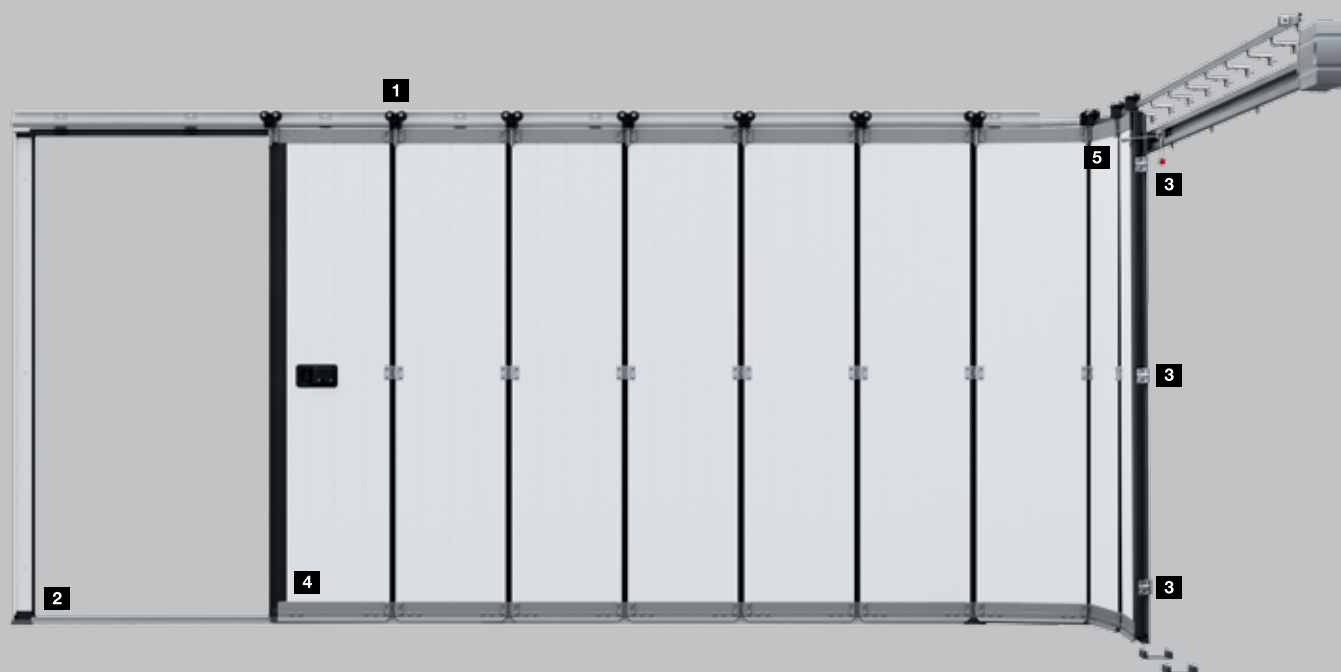
**20 STUP 50**

In a recessed version and surface-mounted version, including 3 keys

## Details perfectly matched to each other



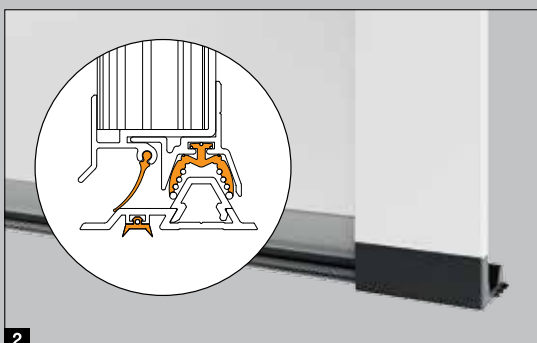
The Hörmann side sliding sectional door combines several innovative details – starting with the precise door travel and the secure locking to the special design of the floor rail. Hence this door solution offers you more convenience and security every day.





### Precise door travel

Twin rollers **1** made of wear-resistant plastic move reliably and precisely on the aluminium rail and prevent the door sections from jumping out. Additionally, they ensure smooth and easy door travel, making it easy to manually open the door. Stable connecting hinges on the rollers and between the PU-foamed 42-mm-thick sections ensure high door leaf stability.



### Well-sealed

Thanks to the new floor rail with continuous floor seal **2** the side sliding sectional door impresses with class 2 water tightness and air permeability. This makes the door well sealed against rainwater penetration and leaves. This keeps the garage cleaner for longer and means it must be cleaned less often. In addition, the risk of accidents by slipping is reduced.



### Securely locked

The bottom and top door guides close the door precisely. Two additional hooks **3** on the sides of the door connect the end of the door leaf tightly with the side frame. In addition, this mechanical lock prevents the door from being forced open.

To improve break-in resistance, manually operated doors can be optionally equipped with 3-point locking at the closing edge.



### Well-guided

The bottom aluminium floor rail **4** reliably guides the door sections and prevents the sections from swivelling out. The flat design allows barrier-free access.



### Easy fitting

The frame of the side sliding sectional door can be easily screwed together and can subsequently be fastened completely to the garage wall. Fitting in tight spaces with a sideroom of only 140 to 450 mm is made possible with track application DS **5** with double side guides.



Garage side doors NT 60

The doors are supplied ready-to-fit with profile cylinder mortise lock, round handle / lever handle set with oval rose escutcheons and with 3-way adjustable hinges. Door leaf frames are made of weather-proof aluminium extrusions (depth 60 mm) with all-round seals. Double-leaf side doors are also available with asymmetrical division, i.e. with uneven door leaf widths.

| Garage side door NT 60 | Single-leaf      | Double-leaf      |
|------------------------|------------------|------------------|
| Aluminium block frame  | ●                | ●                |
| Aluminium corner frame | ●                | –                |
| Wide leaf frame        | ●                | ●                |
| Thermal insulation     | U = 2.7 W/(m²·K) | U = 2.9 W/(m²·K) |

For further information, see page 33 or contact your Hörmann partner.



Single-leaf NT 60 with L-ribbing and wide leaf frame



Double-leaf NT 60 with M-ribbing and wide leaf frame

Insulated version NT80

The garage side doors TopComfort NT80 impress with an aluminium profile system with thermal break, frame and threshold rail, as well as a depth of 80 mm.



Garage side doors with thermal break TopComfort NT80



1

### 1 Lever handle set

Choose between the standard lever handle or many optional lever handle or lever / knob handle sets (Fig: stainless steel lever handle set). Your Hörmann partner would be pleased to advise you.



2

### 2 Concealed hinges ■ NEW

For an elegant door view of the single-leaf side doors with aluminium block frame optional concealed hinges are available (from autumn 2019).



3

### 3 Fixed bolt

The fixed leaf on double-leaf side doors can be individually locked.

### 4 Matching

Side doors Decograin come with identical surface finishing for the frame, subframe and door to create a matching appearance. The inside of the sections is Grey white, RAL 9002, as standard.



4

### 5 Break-in-resistant

You can also optionally equip side doors NT 60 with RC 2 security equipment. The 3-point locking equipped with a latch, bolt, 2 locking hooks and security rose escutcheon is available for profile type 2.



5



## Multi-purpose door MZ Thermo

If you value good thermal insulation and also want to reduce the risk of condensation forming on the inside, an MZ Thermo external door with thermal break is the best choice for you.

It has an excellent thermal insulation value of  $1.2 \text{ W}/(\text{m}^2 \cdot \text{K})$ . An RC 2 version is optionally available (KSI Thermo).



For further information, see the "Steel doors" brochure.

## Size range (max.)

Intermediate widths are also available for M-ribbed and L-ribbed doors

Sandgrain, Silkgrain, Decograin surface finishes:  
Not available for widths 2625, 2875, 5250, 6300

Technical drawing of a window frame assembly showing dimensions and formulas:

- Overall width:  $W \geq LZ + 1100$
- Overall height:  $ET = LZ + 500 - AKS$
- Vertical dimensions on the left: 95, 74, 100, 20.
- Horizontal dimensions at the bottom: 150, 300.
- Formulas on the left:  $RM$ ,  $LDH = RM - 20$ .
- Internal frame components are labeled with numbers 1 through 8.

Technical drawing of a corner joint assembly. The main drawing shows a plan view of a corner with dimensions: ASS ≥ 95, LDB = LZ, AKS (451-700"), 500, 150, 86, 500, ET, and W. An inset drawing shows a side view of the corner joint with dimensions: AKS, 150, 72, and an angle 'a'.

Technical drawing of a window frame cross-section. The drawing shows a vertical frame profile with a horizontal sash or pane. Key dimensions and labels include:

- ET = LZ + 500 - AKS**: A dimension line at the top indicating a total length or offset.
- 135**: A horizontal dimension from the left edge to the start of the main frame profile.
- 155**: A vertical dimension from the bottom edge to the top of the main frame profile.
- 74**: A vertical dimension from the bottom edge to the top of the inner frame profile.
- RM**: A label for the main frame profile.
- LDH = RM - 20**: A label for the inner frame profile, indicating it is 20 units smaller than the main frame.
- 240**: A horizontal dimension from the left edge to the center of the main frame profile.
- 100**: A horizontal dimension between the first and last of five small rectangular components.
- 10**: A horizontal dimension for each of the five small rectangular components.
- 20**: A vertical dimension at the bottom left corner.

Technical drawing of a window frame assembly. The drawing includes the following dimensions and labels:

- ASS > 700**: Dimension for the left side of the frame.
- LDB = LZ**: Dimension for the central part of the frame.
- AKS (451-700\*)**: Dimension for the right side of the frame.
- 500**: Dimension for the right side of the frame, repeated.
- 240**: Dimension for the left side of the frame, repeated.
- 86**: Dimension for the left side of the frame, repeated.
- W ≥ LZ + 1100**: Dimension for the width of the frame.
- AKS**: Dimension for the right side of the frame, repeated.
- 150**: Dimension for the right side of the frame, repeated.
- 72**: Dimension for the right side of the frame, repeated.
- 90° ≤ α ≤ 135°**: Angle dimension for the right side of the frame.



## Determination of operator boom (track application ES and DS)

| Door width (LZ) | Operator boom | Distance back (overall length of operator SupraMatic / ProMatic) |
|-----------------|---------------|------------------------------------------------------------------|
| ≤ 2205          | K             | 3200                                                             |
| ≤ 2375          | M             | 3450                                                             |
| ≤ 3000          | L             | 4125                                                             |
| ≤ 3275          | XL            | 4375                                                             |
| ≤ 4750          | 5500          | 5725                                                             |
| ≤ 6500          | 7000          | 7225                                                             |

The distance back (overall length of operator) can be shortened on-site up to  $LZ + 1100$  mm.

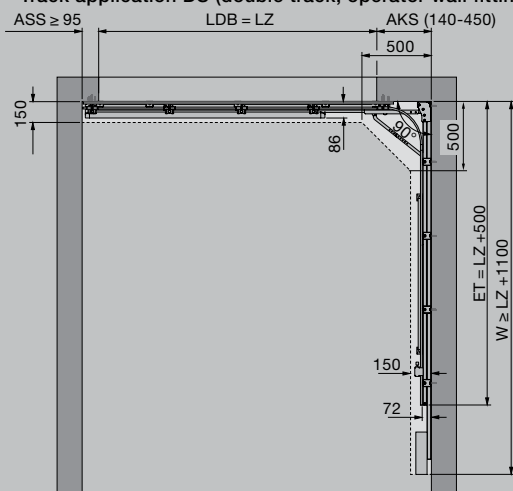
The side guide can be set back up to 125 mm if the distance back (overall length of operator) is smaller than  $LZ + 1100$  mm.

## Explanations

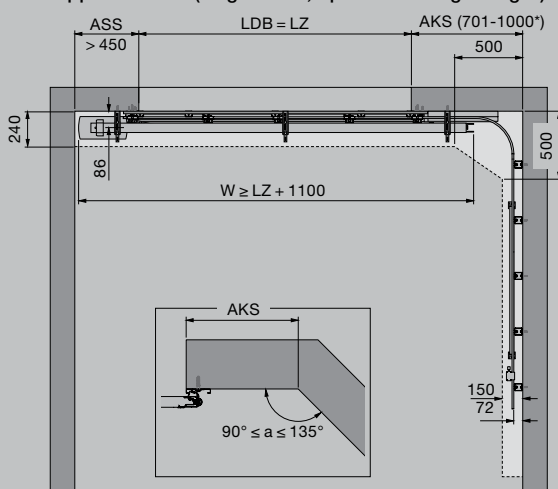
|     |                                              |
|-----|----------------------------------------------|
| RM  | Grid height (ordering size)                  |
| LZ  | Clear frame dimensions (ordering size)       |
| LDH | Clear passage height                         |
| LDB | Clear passage width                          |
| ET  | Distance back (overall length with operator) |
| OFF | Finished floor level                         |
| ASS | Closing side sideroom                        |
| AKS | Curve side sideroom                          |

For more detailed information, please see the technical manual or contact your Hörmann partner.

### Track application DS (double track, operator wall fitting)

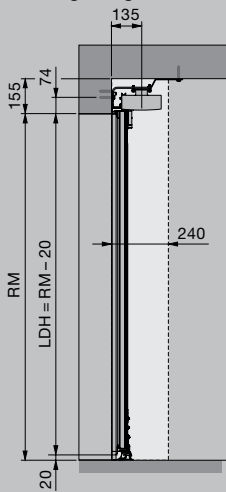


### Track application ES (single track, operator ceiling fitting B)

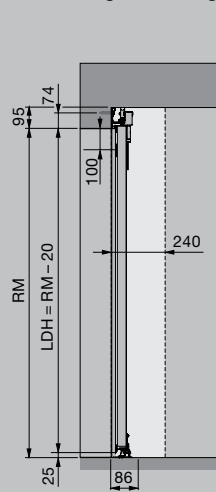


## Vertical views

### Ceiling fitting B as a sliding door

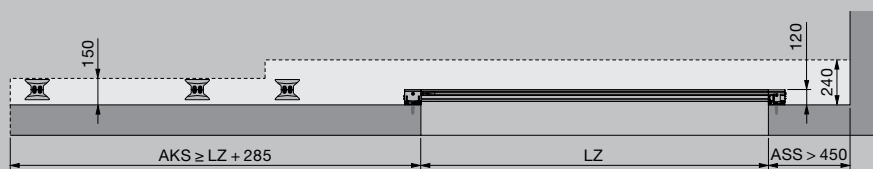


### Wall fitting as a sliding door

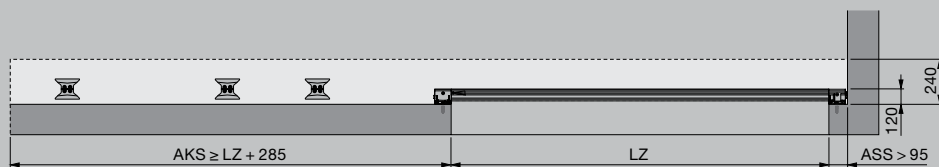


## Horizontal views

Ceiling fitting B as a sliding door (floor rail view)



### Wall fitting as a sliding door (floor rail view)



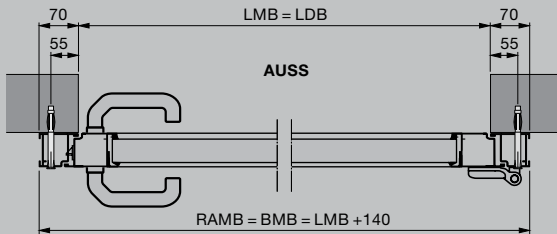
## Explanations

|     |                                                 |
|-----|-------------------------------------------------|
| RM  | Grid height (ordering size)                     |
| LZ  | Clear frame dimensions<br>(ordering size)       |
| LDH | Clear passage height                            |
| LDB | Clear passage width                             |
| ET  | Distance back (overall length<br>with operator) |
| OFF | Finished floor level                            |
| ASS | Closing side sideroom                           |
| AKS | Curve side sideroom                             |

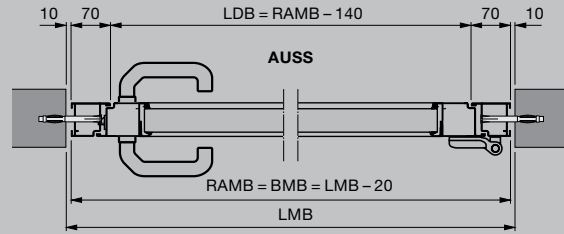
For more detailed information, please see the technical manual or contact your Hörmann partner.

## SIZES AND FITTING DATA FOR SIDE DOORS

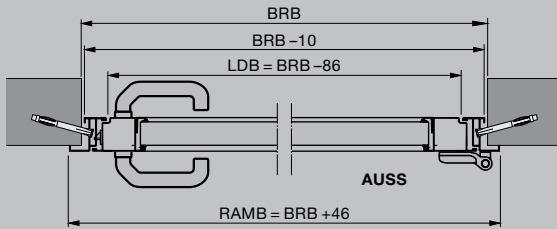
### Horizontal views



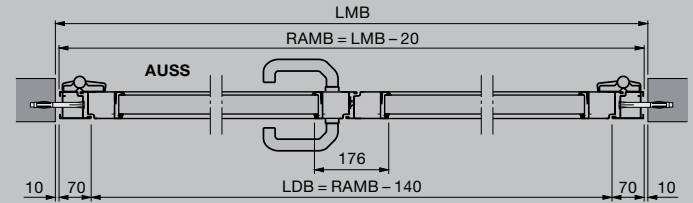
Side door with aluminium block frame  
Fitting behind the opening



Side door with aluminium block frame  
Fitting in the opening

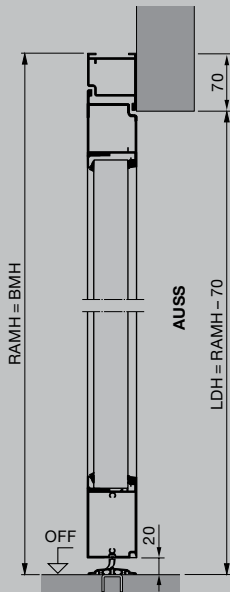


Side door with corner frame  
Fitting in front of the opening

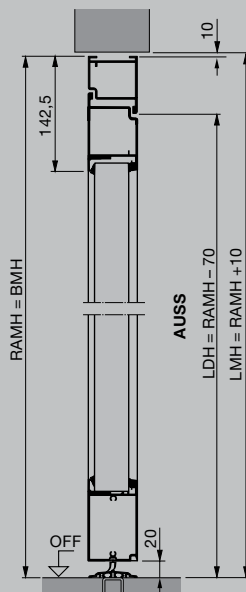


Double-leaf side door with aluminium block frame  
Fitting in the opening

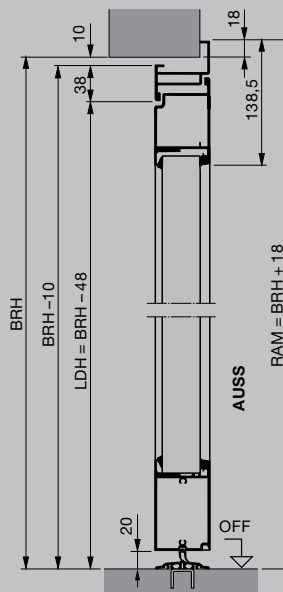
### Vertical views



Side door with aluminium block frame  
Fitting behind the opening



Side door with aluminium block frame  
Fitting in the opening



Side door with aluminium corner frame  
External fitting

| Ordering size = RAM               | Lever height DrH | Min. BRB window type S |
|-----------------------------------|------------------|------------------------|
| <b>Corner frame</b>               |                  |                        |
| Internal fitting opening inwards  |                  |                        |
| 928 - 1284 x 1800 - 2500          | 1050             | 525                    |
| External fitting opening outwards |                  |                        |
| 928 - 1284 x 1800 - 2500          | 1050             | 525                    |
| <b>Block frame</b>                |                  |                        |
| 936 - 1330 x 1800 - 2500          | 1050             | 525                    |

- Double-leaf side door with asymmetrical division
- Double-leaf side door opening inwards and outwards





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