

# GARAGE DOORS ROLLMATIC

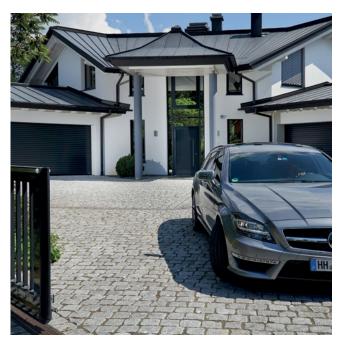
20% higher opening speed and smart operation with the roller garage door operator RollMatic 2











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Good reasons to try Hörmann garage doors.

14

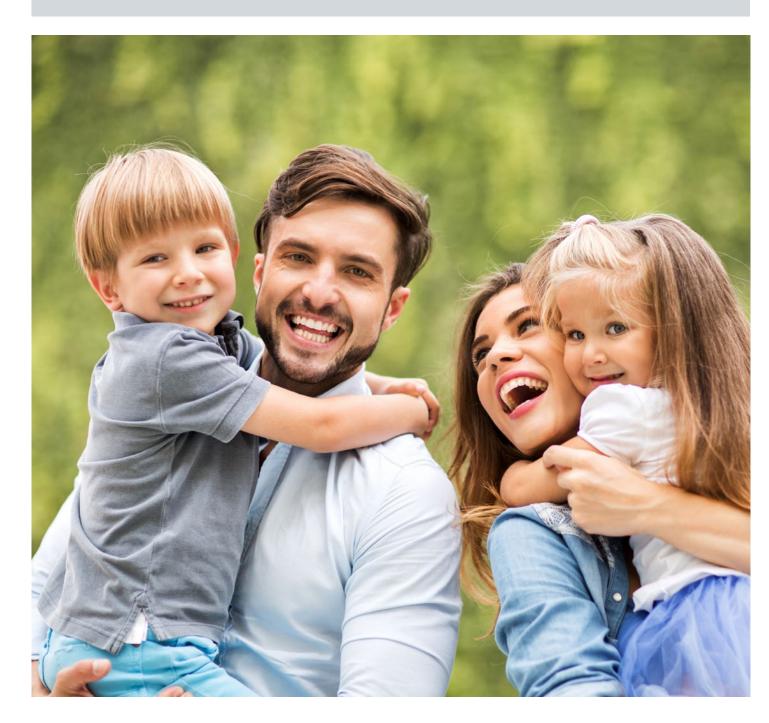
Inspirations.

20

Design. Equipment. Accessories.

# Responsibility for generations

The Hörmann family business has over 85 years of experience as a construction component specialist. This gives us an obligation to both current and future generations. That's why environmental responsibility plays such an important role for us. With this in mind, we develop innovative solutions for sustainable products and intelligent environmental protection.



### "A GOOD REPUTATION MUST BE EARNED."

August Hörmann

In keeping with the tradition started by the company's founder, the Hörmann brand is a true promise of quality and, with sales of over 20 million doors and operators, is one of Europe's most successful suppliers. Due to the comprehensive international sales and service network, Hörmann is your strong partner for high-quality construction components.



**WE THINK AND ACT GREEN.** As a family business, we are very conscious of our responsibility to future generations and offer all products for residential construction  $CO_2$ -neutral as standard. The Hörmann sustainability strategy aims to reduce and avoid emissions. We cover 100% of our electrical power needs at all European production sites\* with genuine green electricity from renewable sources. We also apply many other measures to reduce our consumption and save more than 75000 tonnes of  $CO_2$  each year. We work with ClimatePartner to offset the remaining emissions by supporting certified climate protection projects.

\* Except for Maviflex in France



You can find further information at www.hoermann.com/sustainability



# Brand quality made in Germany

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The family-owned company Hörmann offers all important construction components for building and renovating projects from a single source. We manufacture in highly specialised factories using state-of-the-art production technologies. Our employees work intensively on new products, continual further developments and improvements to details. The results are patents and unique products on the market.





LONG-LASTING. GUARANTEED. All major door and operator components are developed and manufactured by Hörmann. Endurance tests under real conditions ensure mature series products with Hörmann quality. Thanks to this and uncompromising quality assurance, you receive a 10-year warranty on all Hörmann roller garage doors RollMatic, RollMatic T and garage horizontal doors RollMatic OD, as well as a 5-year warranty on all Hörmann operators <sup>1)</sup>.

<sup>1)</sup> The complete warranty conditions can be found at: www.hoermann.com



**RELIABLE COUNTERBALANCE.** The counterbalance system <sup>2)</sup> integrated in the booms supports the operator during the opening and closing of the door and prevents damage to the operator mechanism. The multiple spring assemblies and the double lifting cables prevent the door leaf from crashing in every position. In case of emergency, the door can be easily opened by hand. A crank handle <sup>2)</sup> is not necessary for this purpose for roller garage doors.

<sup>2)</sup> Not with roller garage door RollMatic T



Patented tension spring technology with spring-in-spring system for roller garage door RollMatic

# Universally applicable

Roller garage doors and garage horizontal doors open vertically and offer maximum space inside and in front of the garage. The shape of the garage door opening is not of prime importance when fitting the doors. Whether square, chamfered, with segmental or Norman arch – Hörmann garage doors always fit. The RollMatic is also available as an external roller garage door for fitting in front of the opening for problematic fitting situations with little sideroom.









### ROLLER GARAGE DOOR ROLLMATIC.

The compact roller garage doors are the best choice if the ceiling area of your garage should remain free or if your garages are too small for a garage horizontal door or sectional door. The roller garage door curtain compactly winds up into the lintel of the door opening, thus allowing you to use the ceiling for lamps or as an additional storage space.

→ Further information can be found starting on page 26.

### ROLLER GARAGE DOOR ROLLMATIC T.

The inexpensive roller garage door with powerful tubular operator creates more room in front of and inside the garage. The door curtain is guided via a guide roller and guide channel and ensures smooth door travel.

→ Further information can be found starting on page 30.

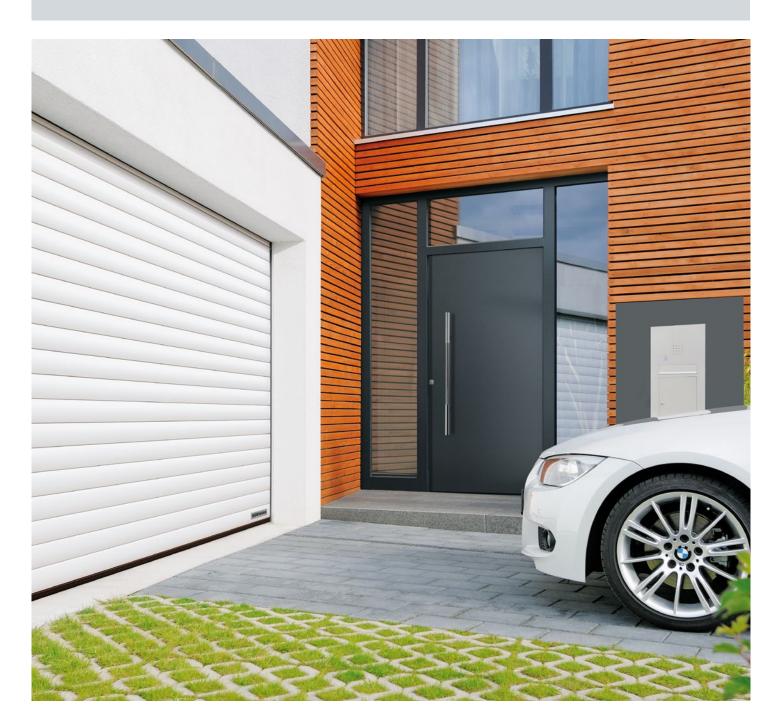
### GARAGE HORIZONTAL DOOR

**ROLLMATIC OD.** For garages with a particularly low headroom, space-saving garage horizontal doors are especially suitable. The door curtain is guided under the ceiling through narrow booms. Thanks to the space-saving, lateral operator fitting, the RollMatic OD has a required headroom of only 60 mm.

 $\rightarrow$  For further information, see from page 32.

# Permanently beautiful door appearance

Regular opening leaves marks on the door curtain due to the design of the roller garage door. In addition to the high-quality surface coating, innovative solutions such as special bearing rings, the position of the roller and the new optional DuraBelt reduce these marks to a minimum. This way you can enjoy your attractive door for a long time.







FEWER MARKS THANKS TO THE STANDARD DESIGN.

The rollers **1** guiding the door curtain above the booms are positioned in such a way that design-related marks can only occur in the less visible area behind the booms. With the roller garage door RollMatic, wear-resistant bearing rings **2** additionally minimise marks on the inside of the top profiles.



ADDITIONAL SURFACE PROTECTION. Dirt can cause small scratch marks on the door curtain when it is rolled up. The DuraBelt I significantly reduces these scratches. When rolling up, several belts are placed between the individual layers of the door curtain, thus reducing the contact with the profiles to a minimum. The optional DuraBelt is available for all internal and external roller garage doors and can also be retrofitted.

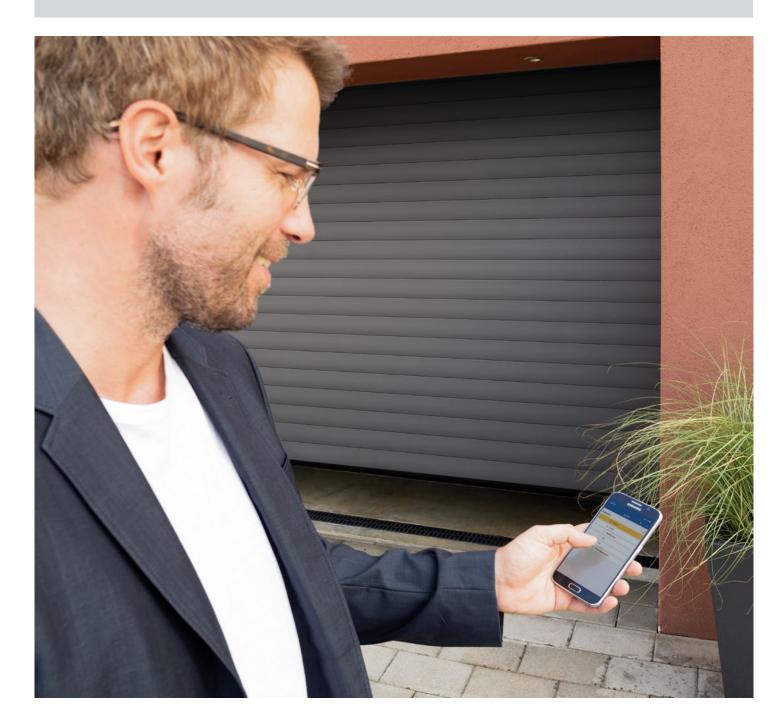
 $\rightarrow$  Further information can be found starting on page 27.



Watch the video on YouTube or at www.hoermann.com/en/media-centre/

# Intelligent operating comfort

Control your garage door and entrance gate operators, door operators, entrance door locks, lights and other devices simply, safely and conveniently via hand transmitter, radio switch or smartphone. All operators, receivers and control elements with BiSecur radio technology are 100% compatible with each other.







**CERTIFIED SECURITY.** The bidirectional radio system BiSecur with particularly secure encryption protocol and stable, interference-free range makes sure that no one can copy your radio signal. This is also confirmed by the security experts of Bochum University and independent test institutes.



Watch the video on YouTube or at www.hoermann.com/en/media-centre

**INTELLIGENT TECHNOLOGY.** Hörmann operators convince with more convenience, smart functions and intelligent technology. Our elegant hand transmitters allow you to open your door from your car. Or you can simply use your smartphone as a door opener with the Hörmann BlueSecur app <sup>1</sup>) or the Hörmann Smart Home control centre homee <sup>2</sup>.



Watch the video on YouTube or at www.hoermann.com/en/media-centre

 $\rightarrow$  Further information can be found starting on page 38.

<sup>1)</sup> For roller garage door RollMatic T optionally in conjunction with the external HET-BLE

<sup>2)</sup> For roller garage door RollMatic and garage horizontal door RollMatic OD



At the press of a button, the colour of the LED on the hand transmitter

HS 5 BS or the internal push button FIT 5 BS indicates the door position <sup>2)</sup>.

With the Smart Home control centre homee, you can control all door functions via your tablet or smartphone <sup>2</sup>.

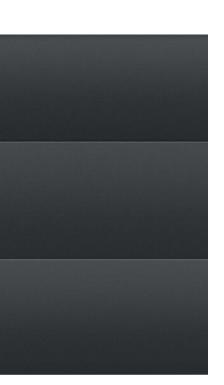


### THE PERFECT MATCH FOR YOUR HOME.

To perfectly match your door to the architectural style of your home, we offer the roller garage doors RollMatic. RollMatic T and the garage horizontal door RollMatic OD in 16 door colours. For an especially elegant door appearance, we recommend the colour Noir 2100 Sablé Anthracite metallic.

 $\rightarrow$  Further information can be found starting on page 24.











TOP. Roller garage door and side door in Moss green RAL 6005

BOTTOM LEFT. Detail of Noir 2100 Sablé

BOTTOM CENTRE. Roller garage door in Noir 2100 Sablé

BOTTOM RIGHT. Roller garage door in Traffic white RAL 9016



**NATURAL DOOR APPEARANCE.** The particularly wear-resistant Decograin surface finish and the inexpensive Decopaint surface finish have a convincing real timber look.

 $\rightarrow$  Further information can be found starting on page 25.



TOP LEFT. Roller garage door in Decograin Rosewood TOP RIGHT. Detail Decograin Golden Oak BOTTOM. Roller garage door in Decograin Golden Oak



### EXTERNAL ROLLER GARAGE

**DOOR.** The RollMatic is also available as an external roller garage door for fitting in front of the opening if your garage has little headroom and / or sideroom. The external roller garage door is supplied as a complete package with a matching operator. The booms and the curtain cover come in the same colour as the door, or in the base colour of the decor for Decopaint, to create a uniform and harmonious appearance.

→ Further information can be found starting on page 27.







TOP LEFT. External roller garage door in Light grey RAL 7035

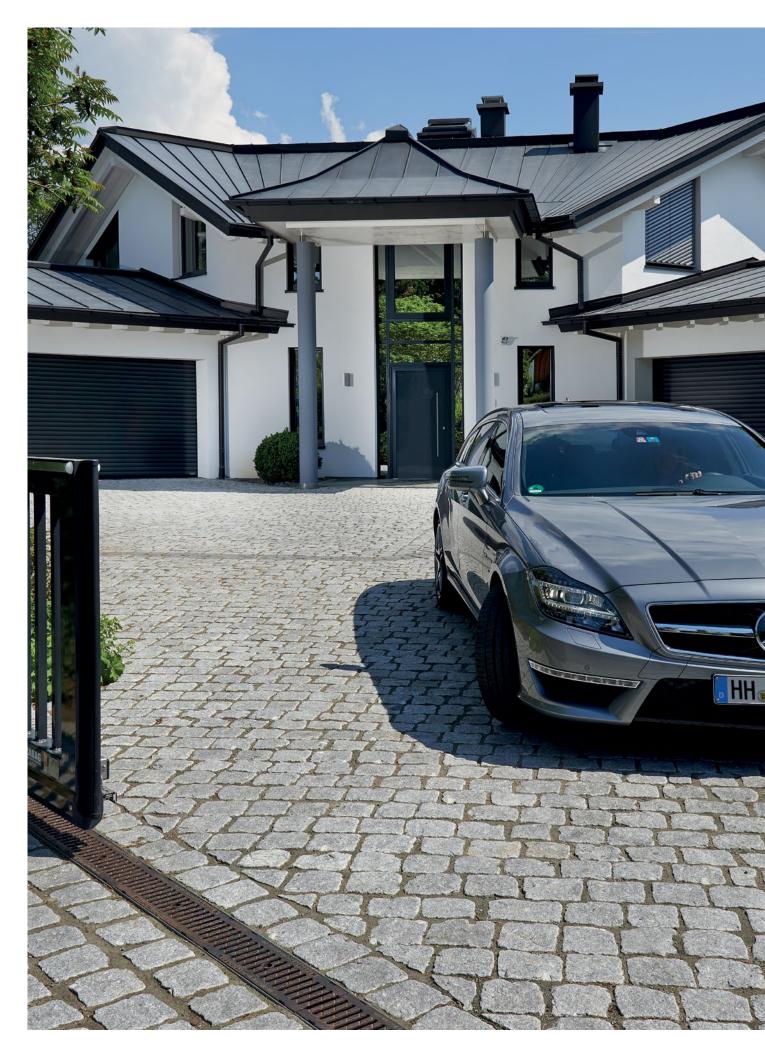
TOP RIGHT. Roller garage door and side door in Traffic white RAL 9016

BOTTOM LEFT. External roller garage door in Light grey RAL 7035



**SIDE DOORS.** At Hörmann, side doors are given just as much consideration, as the overall appearance is only perfect if the side door matches the roller garage door. The side door NT 60 is thus available in all surface finishes and colours. The high-quality 60 mm aluminium frame construction is the ideal frame for the door infill, which is fastened with glazing beads as standard.

 $\rightarrow$  Further information can be found starting on page 37.





# Design. Equipment. Accessories.



ML 75



22	Profile	versions	and	surface	finishes
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### Profile versions and surface finishes

Roller garage doors RollMatic, RollMatic T and garage horizontal door RollMatic OD

#### Elegant aluminium profiles

The smooth surface of the aluminium profiles looks modern and elegant, unlike the ribbed profiles from other suppliers. Furthermore, a high-quality coating on the inside and outside of the door's surface makes it easy to clean. The hollow space of the profile is evenly filled with polyurethane rigid foam for quiet door travel.

### Profile view of internal rolling shutters and garage horizontal doors

- 1 Inside of the door
- 2 Outside of the door

#### Profile view of external roller garage doors

- 1 Outside of the door
- 2 Inside of the door



#### Glazing elements 3

Get more daylight in your garage. The glazing elements with synthetic panes are arranged across the entire profile width. The number of elements depends on the respective door width. A maximum of ten profiles can be fitted with glazings in each door.

### Ventilation grilles

Ventilation of your garage improves the room climate and prevents mould. Ventilation grilles made of long-lasting plastic are arranged across the entire profile width. Each door can be equipped with a maximum of ten profiles.



#### Please note:

With respect to their technical properties and the paint system used, all Hörmann roller garage doors correspond to the current state of the art. Pressure marks and abrasive wear are design-related and cannot be avoided. They do not impair the function and durability of the roller garage door. In order to reduce the design-related wear on the door curtain to a minimum, we recommend using the optional DuraBelt winding unit (further information can be found on pages 26 and 30).

#### Decograin surface finish

A special abrasion-resistant surface protection preserves the UV-resistant plastic film coating on the profiles over a long time.

### Profile view of internal rolling shutters and garage horizontal doors

- 1 Door interior in brown
- 2 Door exterior in Decograin Golden Oak



#### Decopaint surface finish

The interior and exterior of the profiles are painted to look like timber.

### Profile view of internal rolling shutters and garage horizontal doors

3 Door interior in Decopaint Golden Oak

- 4 Door exterior in Decograin Golden Oak

### Profile view of external roller garage doorsDoor exterior in Decopaint Golden Oak

- Bool exterior in Decopaint Colden od
- 4 Door interior in Decopaint Golden Oak



### **Colours and decors**

Roller garage doors RollMatic, RollMatic T and garage horizontal door RollMatic OD

16 colours

16 colours			
1	5	9	13
2	6	10	14
3	7	11	15
4	8	12	16
Equally-priced standard colours1RAL 9016Traffic white2RAL 9007Grey aluminium3RAL 9006White aluminium4RAL 9005Jet black5RAL 9001Cream6RAL 8028Terra brown7RAL 7035Light grey9RAL 7016Anthracita gray	<ul> <li>9 RAL 7015 Slate grey</li> <li>10 RAL 6005 Moss green</li> <li>11 RAL 5011 Steel blue</li> <li>12 RAL 3003 Ruby red</li> <li>13 RAL 3004 Purple red</li> <li>14 RAL 1015 Light ivory</li> <li>15 Chartwell Green</li> </ul>	Special colour 16 Noir 2100 Sablé	Please note: All colours based on RAL. The colours and surface finishes shown are subject to the limitations of the printing process and cannot be regarded as binding. Please consult with your local Hörmann specialised dealer.

8 RAL 7016 Anthracite grey

### Decograin surface finish

### Decopaint surface finish









#### Harmonious overall appearance in 16 colours



At Hörmann, we offer the door curtain, booms, fascia panel and shaft cover in the door colour selected at no surcharge.

### Fitting variants with Decograin surface finish



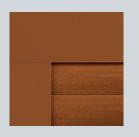
Roller garage door RollMatic Fitting in the opening Profile and booms in Decograin, fascia panel in the base colour of the decor and additional fascia panel in Decograin (see page 37).

Roller garage door RollMatic Fitting behind the opening Profile in Decograin, fascia panel and booms in the base colour of the decor



Garage horizontal door RollMatic OD Fitting in the opening or behind the opening Profile in Decograin, fascia panel and booms in the base colour of the decor

### Fitting variants with Decopaint surface finish



Roller garage door RollMatic / garage horizontal door RollMatic OD Profile in Decopaint, fascia panel and booms in the base colour of the decor

### Decograin Golden Oak Decograin Rosewood



Decopaint Golden Oak
 Decopaint Rosewood

### Roller garage door RollMatic

With patented tension spring technology



### A well-protected barrel

The standard cover **1** of the barrel effectively prevents reaching into the door barrel. In addition, it protects the curtain from damage and soiling when the door is open.

### Reliable counterbalance

The patented tension spring assembly with with spring-in-spring system 2 and the transparent protective cover prevent broken springs from flying out and thus protect from personal injury.

### Secure curtain guide

The standard wind locks **3** in the profile ends keep the door securely in the guide even under high wind loads (up to class 4) and also offer increased burglar protection.

### Fewer design-related marks

The use of wear-resistant materials reduces marks of the bearing rings 4 on the top door curtain profiles.

In addition, the rollers are positioned above the boom, so that the design-related roller marks on the curtain are less visible.

### Additional surface protection

With the optional DuraBelt **5**, your door remains beautiful longer. When rolling up, several belts are placed between the individual layers of the door curtain, thus significantly reducing scratch marks caused by soiling of the door curtain. The DuraBelt can also be retrofitted to all internal and external roller garage doors.

### Easy fitting

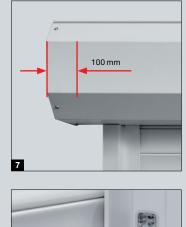
The booms, fascia panel and operator are fitted to the garage walls and lintel. The curtain is then pulled effortlessly onto the barrel by the operator and fixed via belts <sup>6</sup>.

### Size range

Max. width 6000 mm Max. height 3100 mm

#### External roller garage door

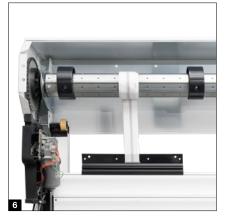
Depending on the fitting situation, operators can either be installed on the left or right. The shaft cover is 100 mm wider in this area and encloses the operator 7, protecting it from adverse weather effects or from unauthorised interference. The vision fields 8 in the spring cover allow you to conveniently check whether the cable guide or springs are still functional. This gives you security even after many years of use.











### Roller garage door RollMatic

Operator and control RollMatic 2

## Standard operator, fitted outside of the cover for trouble-free maintenance

- 20% faster opening speed\* up to 20 cm/s
- Smart operation with the BlueSecur app
- Control with "Open / Close" buttons for inside operation
- Easy-to-use programming thanks to 2 × 7-segment display
- Networked with Smart Home systems via the standard HCP interface
- Bright LED lighting
- Low power consumption in standby below 1 watt
- Electronic end-of-travel position cut-out to protect the curtain surface
- Convenient garage ventilation
- Additional opening height





### 🔄 BiSecur

4-button hand transmitter HSE 4 BS, black textured surface with plastic caps as standard

#### Garage door operators

Bluetooth receiver	Integrated, can be switched on and off	
HCP bus connection	Integrated	
Cycles per day / hour	25/10	
Max. opening speed	20 cm/s	
Lighting	10 LEDs	
Max. door width	6000 mm	
Max. door surface	15 m²	

6040 ar cr D Cerate 4 ar RollMatic 0 Cerate 1 RollMatic 1 Cerate 4 ar Cerate 4 ar RollMatic 1 Cerate 4 ar Cerate



Operation by smartphone using the Hörmann BlueSecur app

### Roller garage door RollMatic

Equipment

#### Closing edge safety device

An optosensor in the bottom seal **1** reliably stops the door in the event of an unexpected obstacle – optional for doors up to 5000 mm wide and standard for doors from 5000 mm.

#### Emergency release from inside

Release the operator conveniently from the inside, e.g. to open the door manually from the inside in the event of a power failure. With internal rolling shutters, the manual is operated directly on the operator. With external roller garage doors, actuation takes place via a release from the inside.

### Emergency release from outside (optional)

For garages without a second entrance, we recommend the secured release in a lockable housing **2**, allowing you to open your garage door from the outside in case of an emergency (e.g. power failure).

#### Emergency power supply (optional)

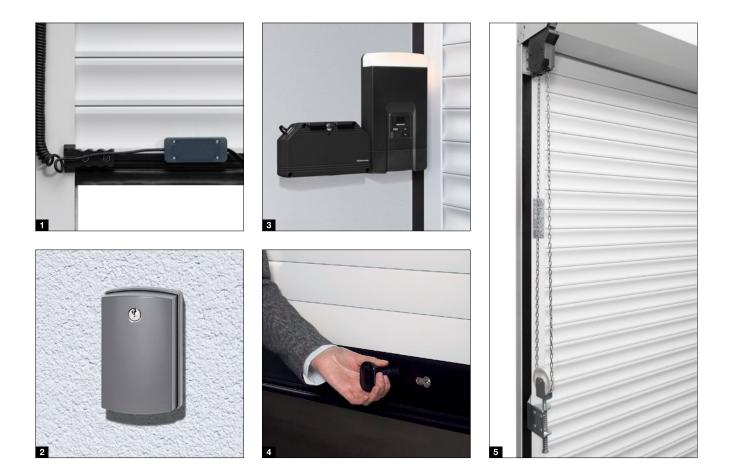
With the emergency battery **3**, you can bridge network power failures for up to 18 hours and max. 5 door cycles. Recharges during normal operation.

#### Acoustic alarm (optional)

The shrill alarm sound with a volume of 110 dB (A) effectively deters burglars.

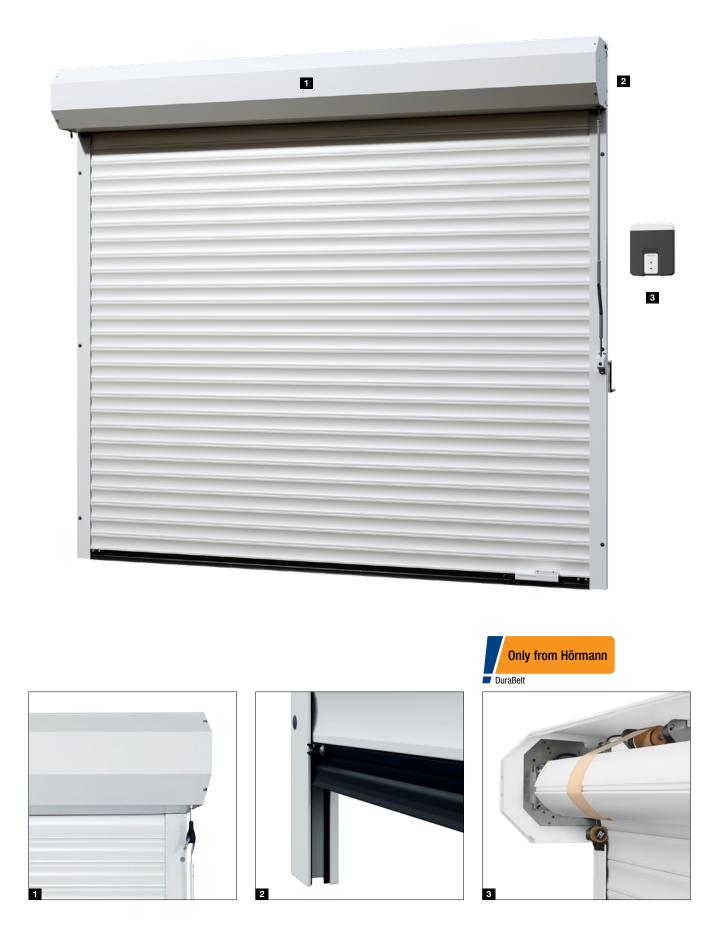
#### Manually operated door with manual door locking

Thanks to the supporting tension spring compensation, Hörmann roller garage doors are easy to manually open and close from the outside of the garage using the handle and from the inside with the chain tensioner **5**. The manually operated roller garage door is mechanically locked using interior and exterior handles and a lock. Solid metal bolts extend on the right and left into the side guides.



### Roller garage door RollMatic T

With space-saving tubular operator



### A well-protected barrel

The standard cover **1** of the barrel effectively prevents reaching into the door barrel. In addition, it protects the curtain from damage and soiling when the door is open.

### Space-saving construction

The compact door construction with tubular operator has a required headroom of only 290 mm and sideroom of only 75 mm (up to 2300 mm door height) or 105 mm (from 3001 mm door width) and is also suitable for particularly narrow fitting situations. The booms 2 ensure smooth door travel and are optimally sealed by the standard brush seals.

### Additional surface protection

With the optional DuraBelt **3**, your door remains beautiful longer. When rolling up, several belts are placed between the individual layers of the door curtain, thus significantly reducing scratch marks caused by soiling of the door curtain. The DuraBelt can also be retrofitted to all internal and external roller garage doors.

### Easy fitting

The pre-assembled barrel incl. cover and the pre-drilled booms with standard backfill are quickly and easily screwed to the garage walls and lintel.

### Emergency operation as standard

Even in the event of a power failure, you can easily open the RollMatic T from the inside using the standard emergency crank handle. With optional external emergency operation 4, a crank handle is inserted into a lockable opening that opens the door from the outside.

### Space-saving tubular operator

The powerful tubular operator is equipped with mechanically adjustable end-of-travel positions. Optionally, the operator is also available with electronic end-of-travel position cut-out. The operator can be controlled from the inside with the stylish control. The integrated LED lighting provides more light in the garage.

### Closing edge safety device as standard

An optosensor in the bottom seal reliably stops the door in the event of an unexpected obstacle. The standard version is available with spiral cable **5** or optionally with radio transmission **6** and without spiral cable.



### 🔄 BiSecur

4-button hand transmitter HSE 4 BS, black textured surface with plastic caps as standard







### Garage horizontal door RollMatic OD

Ideal for modernisation

#### Smooth door travel

Twin rollers evenly and smoothly guide the door curtain under the ceiling. The narrow aluminium booms are connected by stable corner diversions with small radii **1**. Due to this compact design, the garage horizontal door RollMatic OD only requires a lintel of 60 mm.

### Well-sealed

The door is almost completely closed in the lintel area thanks to the specially shaped folding roller bracket **2**. An elastic lip seal in the lintel area and brush seals in the booms protect against driving rain (class 2). The flexible EPDM bottom profile compensates for unevenness in the floor and seals the bottom edge of door.

### Reliable counterbalance

The multiple spring assemblies and integrated catch safety device **3** protect the door from crashing in the event of a possible cable tear.

### Additional emergency release

We recommend using an optional emergency release lock 4 for garages without a second entrance. An inconspicuous round cylinder (cannot be integrated in the master key system) releases your garage door and you can easily open it in case of emergency.

### Variable fitting

6

The vertical booms and the fascia panel are supplied in the colour of the door as standard. Thus the door can also be fitted partially or completely in the opening.

#### Simple modernisation

Using the optional retrofit fascias **5**, the door is fitted in the reveal and at the same time covers unattractive gaps in the lintel and reveal area. Additional brickwork and plastering work are no longer required.

#### Size range

Max. width 3500 mm Max. height 3000 mm







### Space-saving operator fitting\*

The operator booms <sup>6</sup> can either be fitted on the right or the left horizontal boom. This compact design does not require additional headroom.

### Emergency power supply

The emergency battery HNA\* 7 for garage door operators ProMatic and SupraMatic bridges network power failures for up to 18 hours and a maximum of 5 door cycles. Recharges during normal operation.

\* Shown with optional operator SupraMatic







### Garage horizontal door RollMatic OD

ProMatic 4 operator

### Standard operator in premium quality

- 40% faster opening speed\* up to 20 cm/s
- Convenient garage ventilation
- Additional opening height
- Up to 2 times\* brighter LED lighting
- Networked with Smart Home systems via the standard HCP interface
- Low power consumption in standby below 1 watt





### 🚓 BiSecur

4-button hand transmitter HSE 4 BS, black textured surface with plastic caps as standard

Garage door operators	ProMatic 4	ProMatic 4 Akku
Bluetooth receiver	Optional (HET-BLE)	Optional (HET-BLE)
HCP bus connection	Integrated	Integrated
Cycles per day / hour	25/10	5/2
Pull and push force	600 N	500 N
Peak force	750 N	600 N
Max. opening speed	20 cm/s <sup>1)</sup>	16 cm/s <sup>1)</sup>
Lighting	10 LEDs	10 LEDs

\* In comparison with the ProMatic series 3

### ProMatic 4 Akku

For garages without power connection



Akku with solar module

### Garage horizontal door RollMatic OD

SupraMatic 4 operator

### Supra-fast door opening and smart additional functions

- 75% faster opening speed\* up to 25 cm/s
- Smart operation with the BlueSecur app
- Convenient garage ventilation
- Additional opening height
- Up to 3 times (SupraMatic E) or 5 times\* (SupraMatic P) brighter LED lighting
- Easy-to-use programming thanks to 2 × 7-segment display
- High-quality stainless steel operator cover
- Networked with Smart Home systems via the standard HCP interface
- Low power consumption in standby below 1 watt





### 🚓 BiSecur

4-button hand transmitter HSE 4 BS, black textured surface with chrome caps as standard







Operation by smartphone using the Hörmann BlueSecur app

Garage door operator	SupraMatic E		
Bluetooth receiver	Integrated, can be switched on and off		
HCP bus connection	Integrated		
Cycles per day / hour	25/10		
Pull and push force	650 N		
Peak force	800 N		
Max. opening speed	25 cm/s		
Lighting	20 LEDs		

\* In comparison with the ProMatic series 3

### **Optional extras**

Roller garage doors RollMatic and RollMatic T

#### Chamfered bottom profile

(only for RollMatic)

The solution for sloping ground: a chamfered aluminium bottom weather seal compensates for differences in height over the entire door width (max. 300 mm). The profile can be fitted without any difficulty. It is simply screwed onto the inserted curtain.

The bottom profile is delivered powder-coated in Jet black (similar to RAL 9005) as standard. On request, the bottom profile 1 is also available in a colour matching the door colour.

### Additional fascia panel

The additional fascia panel <sup>2</sup> stabilises the fascia panel when fitted in the opening or behind the opening if the fascia panel is visible in the opening. It harmoniously covers the lintel without any unattractive fitting holes. The additional fascia panel is available in the door colour or with Decograin surface finish.

#### Fitting compensation set

With uneven walls, the optional fitting compensation set for flush door fitting can be applied. This is particularly advantageous for modernisations or timber building structures.

For more information, consult the technical manual at www.hoermann.de

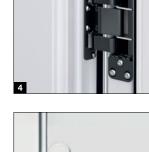












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## Door sizes Width 875 – 1284 mm

• Height 1800-2500 mm

#### Standard equipment

- 60 mm thick weather-resistant aluminium profiles in the colour of the profiles or, in the case of Decopaint, in a colour matching the decor
- Black plastic lever handle set with oval rose escutcheons and profile cylinder lock 2
- 3-way adjustable hinges optionally in black, white or aluminium natural finish

#### **Optional equipment**

- Concealed hinges for an elegant door appearance
- Lever handle or lever / knob handle sets in aluminium natural finish 5, cast aluminium RAL 9016 6, brushed stainless steel 7
- Overhead door closer with slide rail and hold-open device
- 3-point locking (latch, bolt and 2 locking hooks)

## Accessories

Hand transmitter







HS 5 BS 4 button functions, plus query button, high-gloss surface black or white



4 button functions, plus query button, textured surface matt black



HS 4 BS 4 button functions, textured surface matt black



HS 1 BS 1 button function, textured surface matt black



HSE 1 BS 1 button function, including eyelet for key ring, textured surface matt black



HSE 4 BS 4 button functions, incl. eyelet for key ring, textured surface matt black with chrome or plastic caps



HSE 4 BS 4 button functions, incl. eyelet for key ring High-gloss surface with chrome caps, colours (shown from left): White, Anthracite grey, Frozen grey, Classic grey, Carbon, Silver



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



HSZ 1 BS / HSZ 2 BS 1 or 2 button functions, for insertion in vehicle cigarette lighter



HSI 3 BS .NEW To control up to 3 doors, with extra-large buttons, impact-resistant housing, protection category: IP 65



Further information can be found in the "Door operators and Smart Home systems" brochure.





Radio code switch FCT 3 BS 3 functions, with illuminated buttons, recessed or surface-mounted fitting possible, plastic housing in Light grey 7040 (also available with 10 functions and hinged cover, painted in White aluminium RAL 9006)



Radio code switch FCT 10 BS 10 functions, with illuminated buttons and hinged cover, recessed or surface-mounted fitting possible, plastic housing painted in White aluminium RAL 9006



Radio finger-scan FFL 25 BS 2 functions and up to 25 fingerprints, with hinged cover, recessed and surface-mounted fitting possible, plastic housing painted in White aluminium RAL 9006



Radio internal push button FIT 5 BS

4 button functions plus query button, plastic housing in Pure white RAL 9010

#### Button



Radio internal push button FIT 2-1 BS

2 functions, connection option for max. 2 control elements via cable, e.g. key switch, plastic housing in Pure white RAL 9010



Internal push button IT 1b-1 Large, illuminated button for convenient opening of the door, plastic housing in Pure white RAL 9010



Transponder key switch TTR 1000-1 1 function, 1000 teachable keys,

scope of delivery: 1 key and 1 card (more on request), zinc die-cast housing in White aluminium RAL 9006



Code switch CTP 3-1 3 functions, with illuminated lettering and touch-sensitive black surface, zinc die-cast housing in White aluminium RAL 9006



Code switch CTV 3-1 3 functions, particularly robust with metal keypad, zinc die-cast housing in White aluminium RAL 9006 with stainless steel panel



Finger-scan FL 150 2 functions, control via fingerprint, up to 150 savable fingerprints, zinc die-cast housing in White aluminium RAL 9006 with stainless steel panel



Key switch **STUP 50** 2 STAP 50 Recessed version and surface-mounted version, incl. 3 keys, zinc die-cast housing in White aluminium RAL 9006 with stainless steel panel



Internal climate sensor HKSI 3 For monitoring humidity and automatic ventilation of the garage, plastic housing in Pure white RAL 9010

External sensor HKSA 4 For measuring outdoor humidity, plastic housing in Pure white RAL 9010

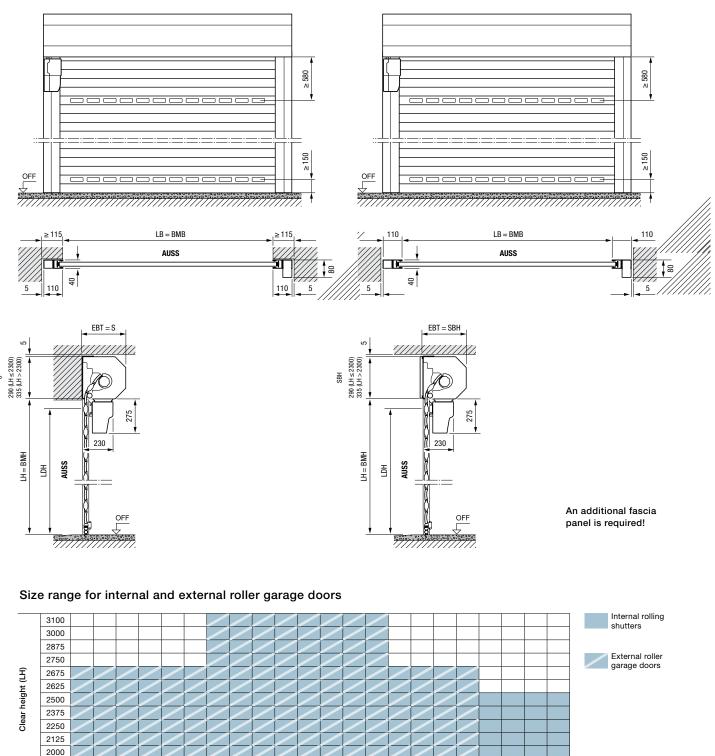
Roller garage door RollMatic

#### Internal rolling shutter

Fitting behind the opening, view of fitting side

#### Internal rolling shutter

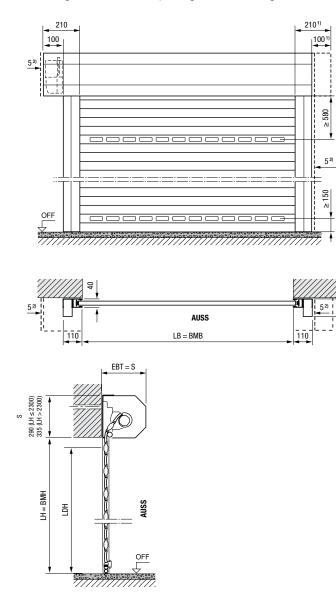
Fitting in the opening, interior view



Clear width (LB) Dimensions in mm

#### External roller garage door

Fitting in front of the opening, view of fitting side



#### Explanations

BMB BMH LB	Ordering size width Ordering size height Clear width			
LH	Clear height			
LDB	Clear passage width			
LDH	Clear passage height			
EBT	Fitting depth			
S	Required headroom			
SBH	Additional fascia panel he	eight		
OFF	Finished floor level			
AUSS	Exterior			
<b>-</b>				
-	<b>depth EBT</b> _H = 2300 mm	290 mm		
	_H = 2300 mm H = 2301 mm	290 mm 335 mm		
FIOID	m = 2301 mm	335 1111		
Required headroom S / additional fascia panel SBH				
Up to LH = 2300 mm		290 mm		
From LH = 2301 mm		335 mm		
Clear	bassage height LDH			
With o	perator	LH – 100 mm		
Manually operated		LH – 125 mm		
Side space requirement 115 mm		115 mm		
	al roller garage	215 mm		
door o	perator side			
Wind I	oad classes			
Up to L	_B = 3000 mm	Class 5		
Up to $LB = 4000 \text{ mm}$		Class 4		
Up to $LB = 4500 \text{ mm}$		Class 3		
	B = 4500 mm	Class 2		
Water tightness under heavy Class 2 rain		Class 2		
<sup>1)</sup> For a visually balanced look the curtain cover can be ordered symmetrically!				

cover can be ordered symmetrically!

<sup>2)</sup> At least 5 mm distance from fascia panel / boom

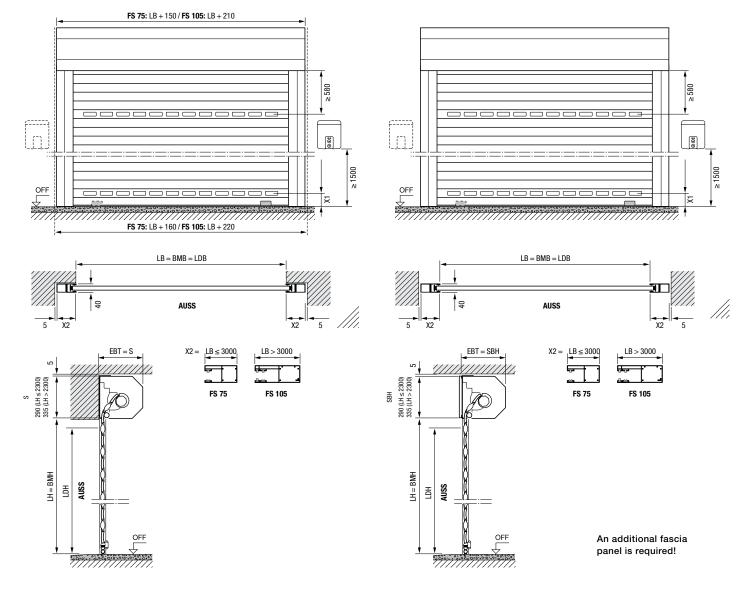
Roller garage door RollMatic T

#### Internal rolling shutter

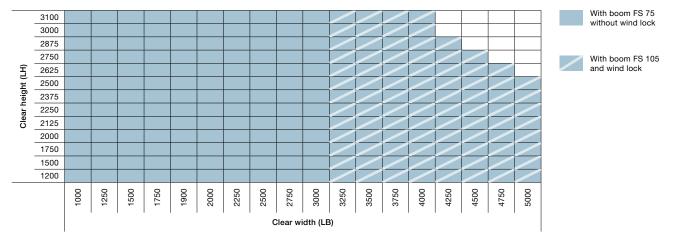
Fitting behind the opening, view of fitting side

#### Internal rolling shutter

Fitting in the opening, interior view



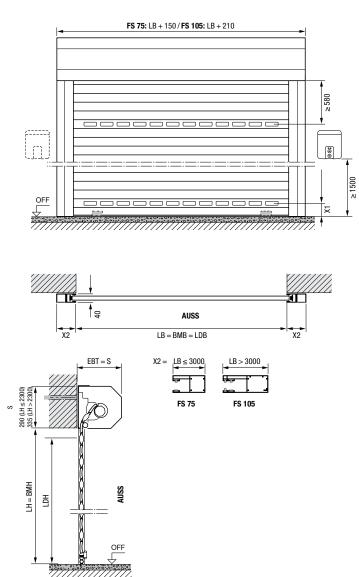
#### Size range for internal and external roller garage doors



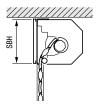
Dimensions in mm

#### External roller garage door

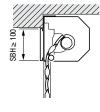
Fitting in front of the opening, view of fitting side



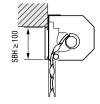
#### Additional fascia panel



Internal rolling shutter Fitting in the opening



Internal rolling shutter Fitting behind the opening, fascia panel protrudes into the opening



External roller garage door Fitting in front of the opening, fascia panel protrudes into the opening

#### Explanations

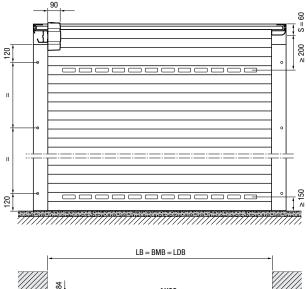
•				
BMB	Ordering size width			
вмн	Ordering size height			
LB	Clear width			
LH	Clear height			
LDB	Clear passage width			
LDH	Clear passage height			
EBT	Fitting depth			
s	Required headroom			
SBH	Additional fascia panel height			
OFF	Finished floor level			
AUSS	Exterior			
X1	Min. 150 mm			
X2	LB ≤ 3000 = 75 mm (FS 75)			
	LB > 3000 = 105 mm (FS	105)		
<b>-</b>				
-	depth EBT	000		
•	_H = 2300 mm	290 mm		
From LH = 2301 mm 335 mm				
Required headroom S / additional fascia panel SBH				
Up to LH = 2300 mm		290 mm		
From L	.H = 2301 mm	335 mm		
	bassage height LDH			
FS 75		LH – 70 mm		
FS 105	)	LH – 110 mm		
Sido e	pace requirement			
	$_B = 3000 \text{ mm}$	80 mm		
From LB = 3001 mm		110 mm		
		1 IO IIIII		
Wind load classes				
Without wind lock				
Up to LB = 3000 mm Class 3				
With w	vind lock			
Up to l	Up to LB = 4000 mm Class 4			
Up to l	Up to LB = 4500 mm Class 3			
Up to l	_B = 5000 mm	Class 2		

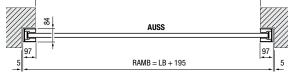
Dimensions in mm

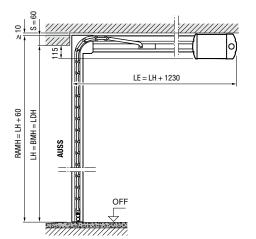
Garage horizontal door RollMatic OD

#### Garage horizontal door

Fitting behind the opening, view of fitting side





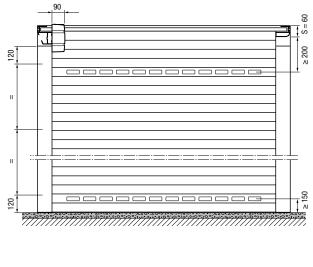


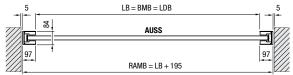
#### Size range for garage horizontal door RollMatic OD\*

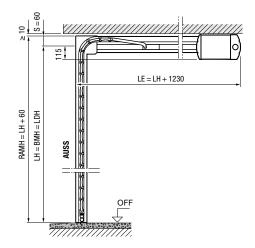
Clear height (LH) Clear width (LB)

#### Garage horizontal door

Fitting in the opening, interior view



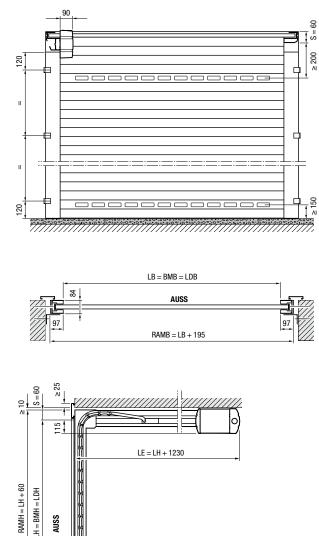




\* Flush-fitting in the opening with panel 95: LB  $\leq$  3150 mm, LH  $\leq$  2700 mm

#### Garage horizontal door

Flush-fitting in the opening with panel 95



#### Explanations

BMB	Ordering size width		
BMH	Ordering size height		
LB	Clear width		
LH	Clear height		
LDB	Clear passage width		
LDH	Clear passage height		
RAMB	Overall frame dimension w	vidth	
RAMH	Overall frame dimension h	neight	
LE	Distance back with opera	tor	
S	Required headroom		
OFF	Finished floor level		
AUSS	Exterior		
Side space requirement 102 mm			
Wind load classes			
Up to LB = 3000 mm Clas		Class 3	
Up to LB = 3500 mm Class		Class 2	
Water tightness under Class 2 heavy rain			

LH = BMH = LDH AUSS

Side doors

#### Side door with block frame

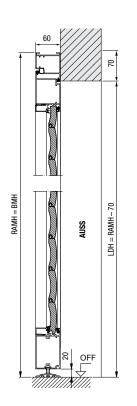
Fitting behind the opening, opening inwards

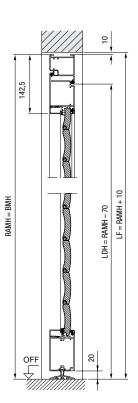
#### Side door with block frame

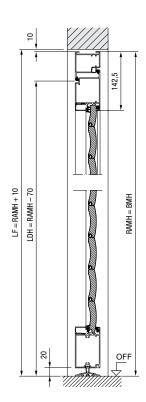
Fitting in the opening, opening inwards

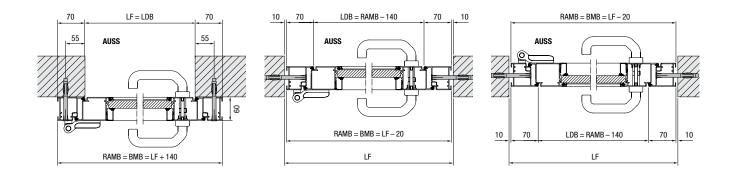
#### Side door with block frame

Fitting in the opening, opening outwards







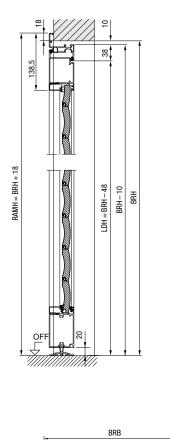


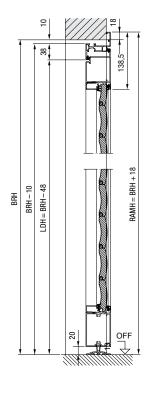
### Side door with corner frame

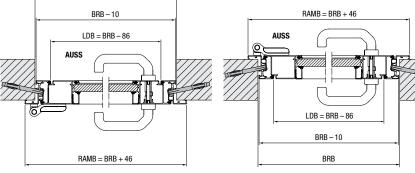
Internal fitting opening inwards

#### Side door with corner frame

External fitting opening outwards







#### Explanations

BRB	Nominal size width
BRH	Nominal size height
BMB	Ordering size width
BMH	Ordering size height
LDB	Clear passage width
LDH	Clear passage height
LF	Structural opening
RAMB	Overall frame dimension width
RAMH	Overall frame dimension height
OFF	Finished floor level
AUSS	Exterior

#### Material

Door leaf frame made of extruded aluminium profiles with roller garage door section infill, position of the sections does not match roller garage door RollMatic, use of glazing and ventilation grille corresponds with roller garage door RollMatic.

Dimensions in mm

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# GARAGE DOORS. GATE AND DOOR OPERATORS. ENTRANCE DOORS. RESIDENTIAL INTERNAL DOORS. STEEL DOORS. FRAMES. STORAGE SPACE SYSTEMS.



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