



SPORTS HALL DOORS

More security for sports and games

HÖRMANN

Brand quality made in Germany

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.





WE THINK AND ACT GREEN. As a family business, we are very conscious of our responsibility to future generations. The Hörmann climate protection strategy aims to reduce and avoid CO₂ emissions. We cover 100% of our electrical power needs at all European production locations with purchased green electricity. We are also investing in a clean future with other measures such as the use of recycled paper, CO₂-neutral postal shipping and the recycling of transport packaging to save more than 75,000 tons of CO₂ every year. We work with ClimatePartner to offset the emissions that we do generate by supporting certified climate protection projects. In particular, we offset all CO₂ emissions produced in manufacture of products for residential construction as standard. Products for construction projects are also available as CO₂-neutral versions upon customer request.



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



ClimatePartner
certified product
climate-id.com/FYZNUF



CO₂
measure
reduce
contribute

Sustainable planning for trend-setting construction

Experienced specialists within our customer-oriented sales organisation accompany you from the planning stage, through technical clarification up to the final building inspection. Complete working documentation, such as technical manuals, is also always accessible and up-to-date at www.hoermann.com





SUSTAINABILITY DOCUMENTED. Hörmann has already received confirmation of sustainability through an Environmental Product Declaration (EPD) in accordance with ISO 14025 from the Institut für Fenstertechnik (ift – Institute of window technology) in Rosenheim, Germany. This EPD was created based on EN ISO 14025:2011 and EN 15804:2012. In addition, the general guidelines for the preparation of type III Environmental Product Declaration apply. The declaration is based on the PCR document “Doors” PCRTT-1.1:2011.



PRODUCT PORTAL FOR ARCHITECTS AND PLANNERS.

Clearly structured navigation and a search function provide faster access to texts for invitations to tender, technical data, certificates, CAD drawings and much more. In addition, BIM data can be provided for many products for the Building Information Modelling process, enabling efficient planning, drafting, construction and management of buildings. Photos and photo-realistic presentations provide additional information on many products.



We are a member of the professional association for digital building products in the Federal Association of Building Systems e.V.



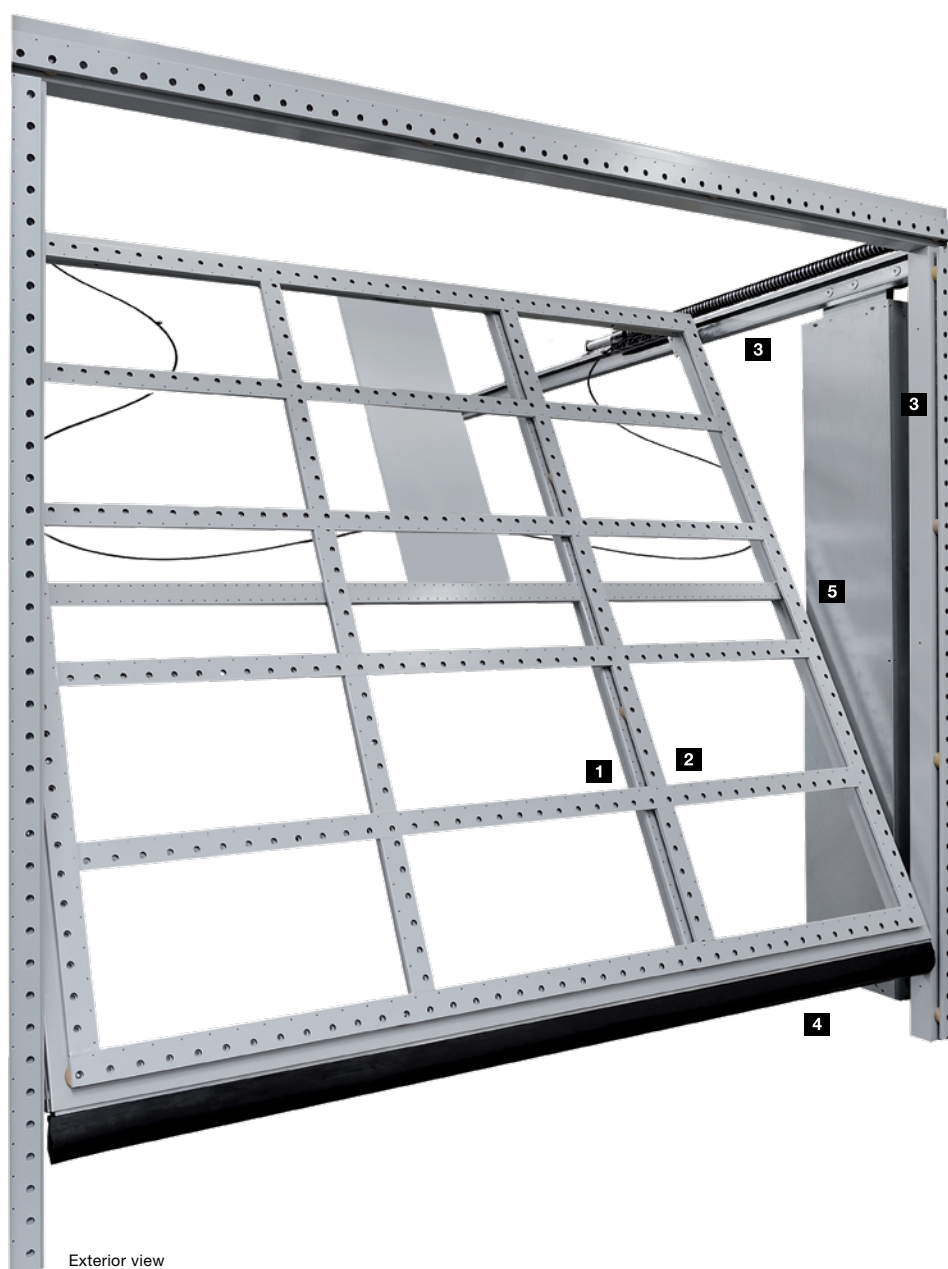
You can find further information at <https://hbp.hoermann.com/uk/portal>



Sports hall door SP 500

Technology for maximum security and a longer service life

Sports hall doors form the division between halls and equipment rooms in sports and multi-purpose halls. As Europe's leading manufacturer of doors, frames and operators, we are committed to high product and service quality. This is how we set standards on an international scale.



Long-lasting design

The stable box sections **1** with horizontal reinforcement struts **2** offer long functional safety as well as extremely smooth running.

Safe and space-saving door travel

Vertical and horizontal booms **3** ensure safe door guidance and buffer stops slow the door down gently when opening and closing. The door does not swing out when opening, nor does it protrude into the hall when it is opened.

Elastic foot trap protection

In order to reduce the risk of foot injuries, the bottom edge of the door has been equipped with an elastic trap protection **4** over the entire door width.

Completely encased counter weights

Protective boxes **5** completely safeguard the counter weights on both sides against reaching in. The door opens and closes effortlessly with the two counter weights.

The door is also gently “slowed down” thanks to buffer stops. Double pull cords protect the door leaf from falling.

Secure track ends

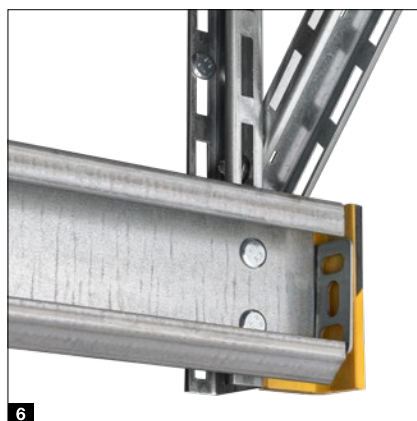
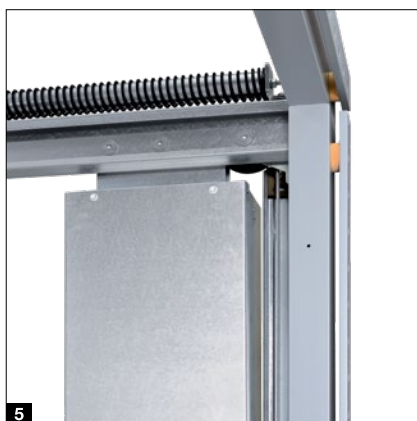
Adjustable plastic rollers on ball-bearings reduce the wear and ensure longer periods of use. The track ends **6** have shock-resistant cladding.

Colours and surface finishes

The galvanized frame profiles feature a powder-coated primer in White aluminium based on RAL 9006 as standard. On request, all other RAL colours are also available.

Maximum security for any indoor sport

The Hörmann sports hall door complies with the accident prevention regulations for “Schools” of the German statutory accident insurance GUV-V S1. The door leaf has been tested as bounce-resistant according to DIN 18032-3 **7**.



Sports hall door SP 500

Technology for maximum security and a longer service life

Secure locking

The rotary catch lock **1** of the sports hall doors firmly fixes the corners of the door leaf to the frame, locking it much more securely than a common bolt lock.

Ergonomic interior handle

The radial door handle that fits optimally in the palm of the hand is found on the equipment room side **2**.

Injury-proof exterior handle

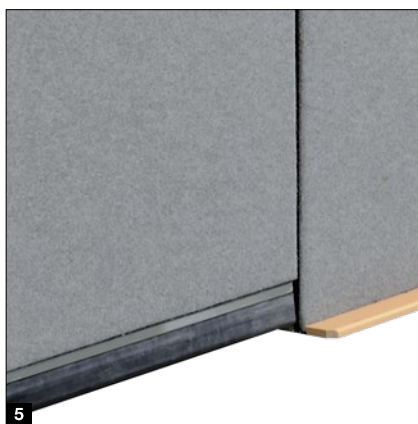
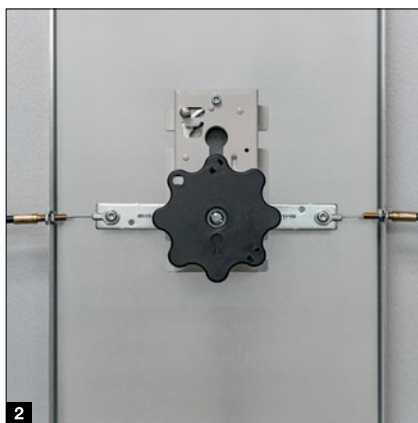
The recessed handle **3** in anodised aluminium, optionally also in anodised stainless steel, is embedded flush-fitting into the door leaf on the exterior. This practically eliminates the possibility of sustaining injuries.

Ready-to-fit for on-site infill

The sports hall door SP 500 is optimally prepared for on-site infill **4**. Refer to the tables on page 9 for the maximum infill weight. This allows the door to be integrated almost invisibly into the wall **5**.

Elastic impact surface

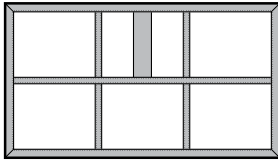
The optional base construction for an elastic impact surface **6** reduces impact forces by over 60%.



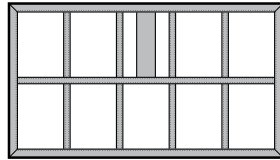
Sports hall door SP 500

Dimensions and technical manual

For surface-mounted, on-site infill



BRB 1500 mm – 4000 mm



BRB ≥ 4005 mm

BRH up to 2595 mm:
BRH from 2600 up to 2750 mm:
BRB up to 1495 mm:
BRB from 1500 up to 4000 mm:
BRB from 4005 up to 5000 mm:
BRB from 4000 mm:

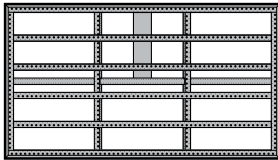
1 horizontal strut
2 horizontal struts
No vertical struts
2 vertical struts
4 vertical struts
Bottom profile reinforcement 60 × 40 mm

Note:

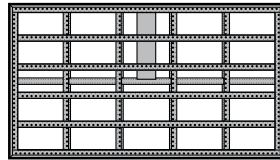
For doors with an ordering size BRH less than 2300 mm, the min. clear passage height of 2200 mm required according to DIN 18032 cannot be maintained.

		Maximum infill weights in kg/m ²															
BRH nominal height	2750	36	30	26	22	20	18	16	14	12	12	10	8	7	6	6	
	2625	36	32	28	24	20	18	16	14	14	12	10	8	8	7	6	
	2500	36	36	30	26	24	20	18	16	16	14	12	10	10	8	7	
	2375	36	36	32	28	24	22	20	18	16	14	14	12	10	9	8	
	2250	36	36	36	30	26	24	22	20	18	16	14	12	12	10	8	
	2125	36	36	36	32	28	26	22	20	18	16	16	14	12	10	8	
	2000	36	36	36	36	30	28	24	22	20	18	18	14	14	12	10	
			1200	1500	1750	2000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750
		BRB nominal size width															

For surface-mounted, on-site infill with base construction for an elastic impact surface



BRB 1500 – 4000 mm



BRB ≥ 4005 mm

BRH up to 2595 mm:
BRH from 2600 up to 2750 mm:
BRB up to 1495 mm:
BRB from 1500 up to 4000 mm:
BRB from 4005 up to 5000 mm:
BRB from 4000 mm:

1 horizontal strut
2 horizontal struts
No vertical struts
2 vertical struts
4 vertical struts
Bottom profile reinforcement 60 × 40 mm

Note:

For doors with an ordering size BRH less than 2300 mm, the min. clear passage height of 2200 mm required according to DIN 18032 cannot be maintained.

		Maximum infill weights in kg/m ²															
BRH nominal height	2750	32	26	20	18	16	14	12	10	8	8	6					
	2625	34	28	22	18	16	14	12	10	10	8	8					
	2500	36	30	26	22	18	16	14	12	10	10	8	6	6			
	2375	36	32	26	24	20	18	16	14	12	10	10	8	6			
	2250	36	34	30	26	22	18	16	14	12	12	10	8	8	6	6	
	2125	36	36	32	28	24	20	18	16	14	12	12	8	8	6	6	
	2000	36	36	34	30	26	22	20	18	16	14	12	10	10	8	6	
			1200	1500	1750	2000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750
		BRB nominal size width															

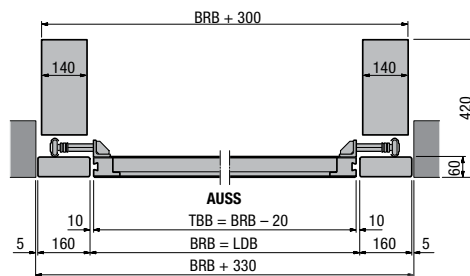
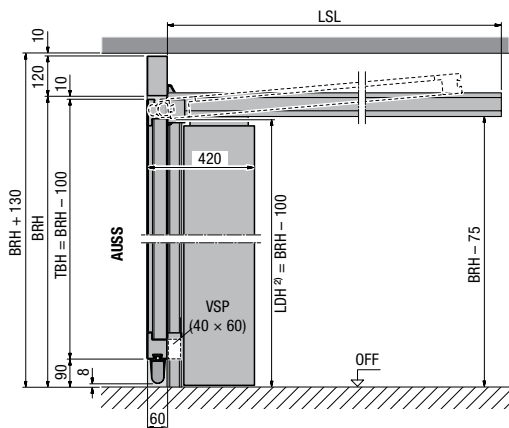
Please note:

The design of the impact surface base construction depends on the infill and must be technically clarified before order processing.

Sports hall door SP 500

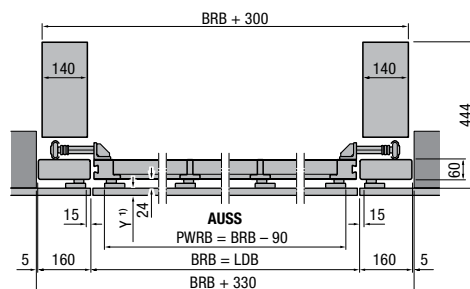
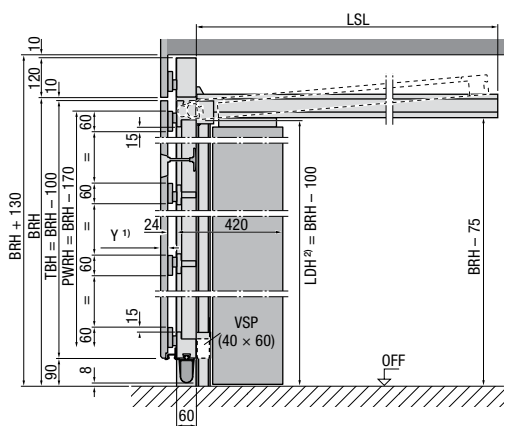
Dimensions and technical manual

Fitting in the opening (standard)



BRH	LSL
≤ 2250	2250
2255 - 2500	2500
2505 - 2750	2750

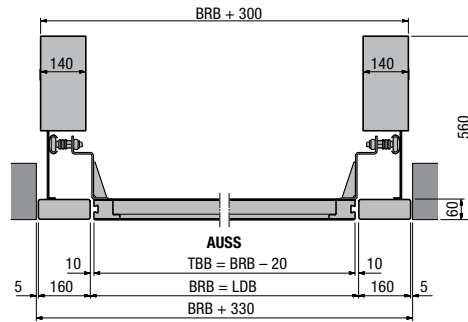
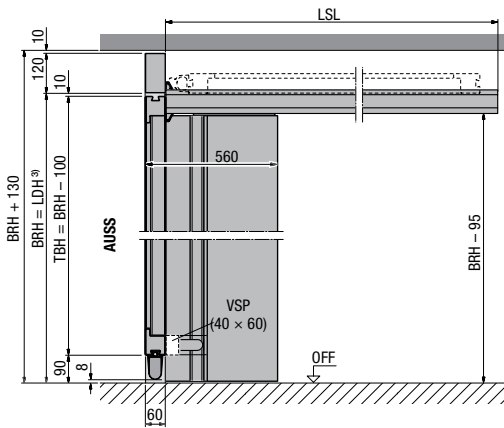
Fitting in the opening with base construction for elastic impact surface



BRH	LSL
≤ 2250	2250
2255 - 2500	2500
2505 - 2750	2750

Dimensions in mm

Fitting in the opening with track application behind the lintel



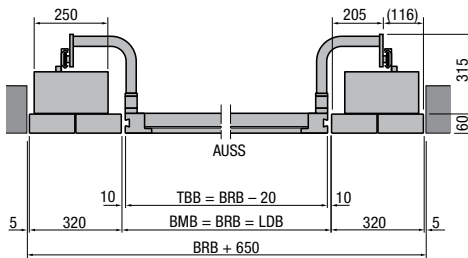
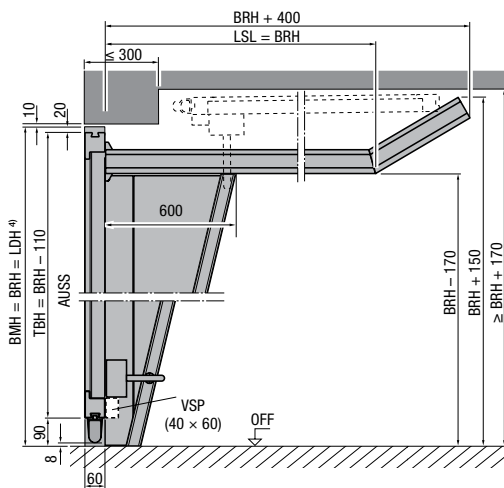
BRH	LSL
≤ 2250	2350
2255 - 2500	2600
2505 - 2750	2850

Explanations

- BMB Ordering size width
- BMH Ordering size height
- BRB Nominal size width
- BRH Nominal height
- TBB Door leaf width
- TBH Door leaf height
- LDB Clear passage width
- LDH Clear passage height
- LSL Track length
- PWRB Impact surface frame width
- PWRH Impact surface frame height
- OFF Finished floor level
- AUSS Exterior
- VSP Reinforcement profile from BRB ≥ 4500
- Y Thickness of surface-mounted infill

¹⁾ Y = 12 - 36
²⁾ LDH with VSP = BRH - 140
³⁾ LDH with VSP = BRH - 40
⁴⁾ LDH with VSP = BRH - 20 (BRH ≤ 2375)

Fitting in the opening with track application MD



BRH	LSL
≤ 2250	≤ 2250
2255 - 2500	2255 - 2500
2505 - 2750	2505 - 2750

Note:
BRH ≤ 2375 mm

For further information, please see the technical manual or contact your Hörmann sales partner.

Dimensions in mm

Everything from a single source for construction and industry

Our large product range offers the right solution for any requirement. All products are optimally adjusted to work together, ensuring high functional safety. This makes us a strong, future-oriented partner for industrial and public construction projects.

**INDUSTRIAL DOORS. LOADING TECHNOLOGY. SLIDING DOORS.
CONSTRUCTION PROJECT DOORS. PERIMETER PROTECTION SYSTEMS.**



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