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**EN**

## Instructions for Operating and Maintenance

Sports Hall Door



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Make sure that these instructions remain with the door operator!

**Read and follow these instructions carefully!**

They provide you with important information on the safe fitting and operation, as well as proper care and maintenance of your sports hall door.

Keep these instructions with the declaration of performance in a safe place for later reference.

Enter the serial number (see the data label) here.

Serial no.: .....

**1**  **Safety instructions**




**The manufacturer is not liable for damage resulting from non-compliance with these instructions and the safety instructions.**

**1.1 Qualified persons**

Have a qualified person (competent persons in acc. with EN 12635) fit, start-up, maintain, repair, and disassemble the door following these instructions. The requirements in standards EN 12604 and EN 12635 and the applicable regulations governing occupational safety must be observed.

**1.2 Symbols and signal words**

Special safety instructions are included at various important points. They are identified by the following symbols and signal words.

	The general warning symbol indicates a danger that can lead to <b>injury or death</b> .
 <b>WARNING</b>	
	Indicates a danger that can lead to death or serious injuries.
 <b>CAUTION</b>	
	Indicates a danger that can lead to minor or moderate injuries.
<b>ATTENTION</b>	
	Indicates a danger that can lead to <b>damage or destruction of the product</b> .



Standard tracks



Fitting behind the lintel













Important note for avoiding damage to property



Permissible arrangement or activity

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-  Non-permissible arrangement or activity
-  See illustrated section (e.g. Figure 2)
-  See text section (e.g. section 2.2.3)
-  Move component slowly
-  Move component quickly
-  Inspect
-  Tighten the screws firmly
-  Drilling in steel
-  Drilling in concrete / brickwork
-  Remove and dispose of component or packaging

**1.3 Abbreviations used**

- OFF (FFL)** Finished floor level
- BRB** Nominal size width / ordering width
- BRH** Nominal size height / ordering height

**1.4 Intended use**

- The sports hall door is in line with the accident prevention regulations for “Schulen” (schools) of the statutory accident insurance GUV-V S1 and the requirements in DIN 58125.
- The sports hall door has been tested for bounce-resistance in accordance with DIN 18032-3.
- The sports hall door has been designed for public use, but may only be operated by a limited number of instructed users, e.g. a building supervisor or custodian.
- The sports hall door is only intended for internal use. It swivels inwards and opens vertically towards the top.



- The sports hall door is only designed and intended for manual operation. It may therefore not be used with an operator!

**1.5 General safety guidelines**

- Always keep the swivelling and opening area of the door clear. When operating the door, make sure that neither persons, children in particular, nor objects are located within the door's area of travel.
- Never use the door to lift objects and / or persons.
- Do not alter or remove any components! Otherwise you risk putting important safety components out of action. Only use original components precisely matched to the sports hall door.
- Protect the door from caustic, aggressive substances, e.g. nitrous reactions from stones or mortar, acids, alkali solutions, de-icing salt, aggressive paints or sealants.
- Do not attach any additional components of another make! The counter weights are adjusted to the ordered infill weight.

**2 Fitting and initial start-up**

**2.1 Safety instructions**

<b>⚠ WARNING</b>
<p><b>Danger of injury</b></p> <p>There is a danger of injury during fitting. Note the following instructions:</p> <ul style="list-style-type: none"> <li> ▶ Wear safety glasses and protective gloves.</li> <li> ▶ Check that the fixing materials supplied are suitable for the given structural conditions. Only use suitable fixing material.             <ul style="list-style-type: none"> <li>▶ Secure the door from falling.</li> <li>▶ Support the tracks properly.</li> <li>▶ Secure the door leaf from falling.</li> <li>▶ Fit all delivered fastenings according to the fitting instructions.</li> </ul> </li> </ul>

<b>ATTENTION!</b>
<p><b>Product damage</b></p> <p>Note the following instructions:</p> <ul style="list-style-type: none"> <li>▶ Throughout fitting, protect the components from dirt and damage.</li> </ul>

**2.2 Fitting**

The sports hall door is prepared for on-site infill and is designed as a door for equipment rooms in sports halls and is fitted in the opening.

**Observe the following during fitting:**

- Make sure that the connection to the building structure is sound.
- Always obtain the permission of the structural engineer before fastening the door to supporting structural elements.

All specified dimensions in the illustrated section are in mm.

**2.2.1 Open for infill**

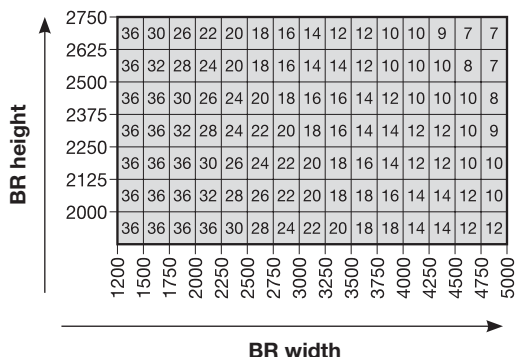
**⚠ CAUTION**

- ▶ Note the maximum permissible infill weight (see table).
- ▶ Max. infill thickness 60 mm
- ▶ First install the infill before adding the counter weights and adjusting them to the weight of the door leaf!

**ATTENTION**

- ▶ The on-site infill must be bounce-resistant in accordance with DIN 18032-3.

Maximum permissible infill weight in kg/m<sup>2</sup>:



**2.2.2 Fitting to ceiling**

**⚠ CAUTION**

**Protruding anchor**  
There is a risk of injury when fitting to the ceiling without sufficient headroom.

- ▶ Shorten the anchor flush with the lower edge of the track.

**2.2.3 Fitting the handle**

- Use the drill stencil at the end of these instructions to determine the drilling position for fastening the folding ring recessed handle. Note the different stencil sections for fitting with and without a profile half cylinder (see Figure 2.2).
- In accordance with the infill thickness, shorten the square pin to 18 mm (see Figure 3).

**2.2.4 Door action check**

Check the door action.

For proper door action, the diagonals **a** and **b** must be identical.

The counter weights must be adjusted to the door leaf weight and be evenly distributed!

**To ensure simple and safe fitting, carefully go through the work steps illustrated in Figures 1 to 12.1!**

**2.3 Initial start-up**

- ▶ Open the door and then close it to any height. The door must be capable of holding every position. Only insert the counter weights when the door is closed.

**⚠ CAUTION**

**Counterbalance**  
Improper use of the counter weights may result in injuries!

**If the door moves substantially downwards:**

- ▶ Fill the counter weight boxes with weights.

**If the door pulls up considerably:**

- ▶ Remove the weights from the weight boxes.

Perform a test run and check the door in accordance with section 4, *Inspection and maintenance*.

When properly fitted and inspected, the sports hall door can be easily moved, is functionally safe and easy to operate.

**3 Operation**

**3.1 Safety instructions**

**⚠ WARNING**

**Danger of injury while opening and closing the door**  
Persons or objects may be trapped while the door is opening or closing.

- ▶ The sports hall door must be operated by instructed persons.
- ▶ When in operation, make sure that neither persons, children in particular, nor objects are located within the door's area of travel.

**Open**

- ▶ Only open the door with the folding ring recessed handle or interior handle.
- ▶ Always slide the door fully into the end-of-travel position and wait until the door has come to a stop.

**Close**

- ▶ Only close the door with the folding ring recessed handle or pull cable.
- ▶ Make sure that the latches engage fully and correctly.

**3.2 Opening the door with the handle**

**Opening from the outside:**

- ▶ Turn the handle a quarter turn to the right.

**Opening from the inside:**

- ▶ Turn the handle a quarter turn to the left.

**3.3 Locking and releasing the lock**

The door is not locked when closed with the grip handle. To lock and unlock the door, you need a profile half cylinder that has been shortened in length to fit the infill thickness.

**Unlocking from the outside:**

- ▶ Turn the key one whole turn to the right and remove the key.

**Locking from the outside:**

- ▶ Turn the key one whole turn to the left and remove the key.

**Unlocking from the outside – self-locking:**

1. Turn the key half a turn to the right and gently open the door.
2. Turn the key back to the original position and remove it.

When the door is closed, the lock is locked again.

**4 Inspection and maintenance**

**4.1 Safety instructions**

- ▶ Have a specialist perform inspection and maintenance work on the door at least once a year in accordance with these instructions.

<b>⚠ WARNING</b>
<p><b>Door travel</b></p> <p>There is a risk of injury in the door's swivelling and opening area.</p> <ul style="list-style-type: none"> <li>▶ When in operation, make sure that neither persons, children in particular, nor objects are located within the door's area of travel.</li> <li>▶ Functional parts, particularly safety components, may only be exchanged by a specialist.</li> </ul>

**4.2 Checking the condition of the door**

- ▶ Visually inspect the general condition of the door, all components and safety devices for completeness, proper condition and effectiveness.
- ▶ Check all fixing points for a secure hold. Tighten the screws if necessary.

**4.3 Check the pulleys and wire cables.**

- ▶ Check the pulleys for wear. Have a specialist replace any damaged or worn-out pulleys.
- ▶ Check the lifting cables for breaks or damage. Have a specialist replace any damaged lifting cables.

**4.4 Checking the track rollers and tracks**

- ▶ Clean the tracks.
- ▶ Clean the rollers.
- ▶ Check the rollers for wear. Have the rollers replaced by a specialist if they are greatly worn or damaged.

**4.5 Wearing parts**

<b>ATTENTION</b>
<p><b>Wearing parts</b></p> <p>Note the following instructions:</p> <ul style="list-style-type: none"> <li>▶ Have the wearing parts (pulleys, wire cables, track rollers and counterbalance devices) replaced by a qualified person after 100,000 door cycles (open / close) or at the latest after 5 years.</li> <li>▶ To ensure a high level of quality, safety, reliability, as well as a long service life, only use original parts intended for this particular sports hall door.</li> </ul>

**4.6 Checking the lock and locking mechanism**

<b>ATTENTION</b>
<p><b>Care products</b></p> <p>Unsuitable care products may cause damage.</p> <ul style="list-style-type: none"> <li>▶ Only use specialised care products for the profile cylinder. Do not use oil or graphite.</li> </ul>

**Check the locking as shown in Figures 5.2a / 5.2b and adjust it if necessary.**

**5 Cleaning and care**

**5.1 Door surfaces made of steel**

- ▶ Clean the door surfaces with clear water and a soft sponge or with conventional paint cleaners.

**5.2 Data label**

- ▶ Clean the data label.
- It must always be easy to read.

**6 Assistance with malfunctions**

**If the door is difficult to move or exhibits other malfunctions:**

- ▶ Check all function-related components. To do this, please follow the instructions in the section 4, *Inspection and maintenance*.
- ▶ In the case of uncertainty, please contact a specialist for assistance.

**7 Dismantling**

Have the door dismantled and disposed of by a specialist.