



**Operating / Assembly Instructions
& Installation Data**

dw 40-1/-2 E Steel Sliding Door

These assembly instructions are valid for the dw 40-1/-2 E steel sliding door.

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Last Update: 15.03.05

1. General Information

- These installation instructions provide an overview of the current state of development.
- The utmost care has been taken to ensure that these instructions are error free. However, we shall not be liable for any possible printing errors or missing data.
- We reserve the right to make technical changes.
- In order to guarantee correct functioning and safe operation of the door only use original parts as accessories, e.g. fittings, door latches, locks, locking mechanisms. Always observe the respective assembly instructions. Spare parts and accessories can be purchased from an authorised distributor and Tekla-Technik, Tor + Tür GmbH & Co. KG.

Important:

- In the interest of safety, only use the anchors, plugs and bolts supplied with the door for installation. The following plugs and anchors are used: For masonry Fischer FUR and for concrete Fischer FAZ or FH-S. Fixings not specified in the installation instructions require prior release by Tekla-Technik, Tor + Tür GmbH & Co. KG.
- **These instructions have been created for authorised technicians in accordance with EN 12635 requirements. Door assembly should only be carried out by technicians who fulfil these requirements.**
- Welding at the suspension should only be carried out by qualified welders (DIN EN 287-1 (Qualification test of welders - Fusion welding)).

1.1 Types of Walls

The static stability of the frame and runner rail installation has to be designed for the actual weight of the door! Static inspection/documentation has to be provided by the customer!

The sliding door can be mounted to the following walls:

- **Masonry** in accordance with DIN 1053-1, min. masonry strength class 12, min. masonry mortar group IIa, **wall thickness ≥ 240 mm** or
- **Concrete** in accordance with DIN 1045, min. strength class B15, **wall thickness ≥ 140 mm.**
- **Autoclaved aerated concrete blocks and high precision units** – in accordance with DIN 4165, min. masonry strength class 4
- **Steel constructions** with static documentation

2. Assembly

2.1 Preparation

- Ensure that the wall is plumb and level prior to assembly.
- Carry out plastering and painting work after assembling the door.
- Precisely even out any unevenness, etc. on the wall using pressure-resistant bases.

- Fix the sliding door to the adjacent constructional elements tightly enough to ensure that the static loads of the closed and open door as well as the dynamic load of the opening and closing door are permanently borne. These forces should not affect the stability of the adjacent wall.
- Ensure that the door is covered before plastering or painting work is carried out, since spots of mortar, cement, plaster or paint can damage the surface.
- Make sure that the door does not come into contact with corrosive and caustic agents such as saltpetre reactions from bricks or mortar, acids, alkalis, road salt, chlorine, corrosive paints or sealing compounds.
- Always observe and adhere to local regulations if the door is installed in explosive areas. The owner has to inform the company commissioned to install the door of these regulations.
Earthing measures should only be carried out by qualified electricians



2.2 Maintenance/Inspections/Repairs

The owner or a person authorised by the owner has to visually inspect the functionality of the door system regularly and to check for any external damages in accordance with chapter 1 of the maintenance information (see 1, Check List Power Operated Doors - Systems). Repair work should only be carried out by qualified technicians or Tekla-Technik, Tor + Tür GmbH & Co. KG. Immediately ensure that an unsafe door cannot be operated until it has been repaired correctly by a qualified technician or the door manufacturer. Always observe the corresponding regulations for the maintenance and inspection of power operated doors and create an inspection book. Record all carried out inspections. (see Appendix for Inspection Book)
Only replace defective parts with original ones. Please contact Tekla-Technik, Tor + Tür GmbH & Co. KG for more information.

2.3 Operation/Utilisation

- The ready to use door has to comply with EN 12604 and EN 12453 requirements.
- Never place objects within the movement range of the door.
- Ensure sure that nobody can be trapped or injured between objects or the wall and the opening and closing door.
- Ensure that no unauthorised people are in the opening and closing zone.



3. Warranty

Warranty with regard to function and safety can only be guaranteed if:

- Assembly is carried out correctly in accordance with the instructions,
- Only original parts are used,
- No additional objects are attached to the door,
- Regular maintenance of the door and its accessories is carried out,
- There is no damage caused by improper use or external influences.
- Warranty does not cover glazing elements not installed by the manufacturer. (See 12)

4. Outside Doors

- Check whether the intended type of mounting is correct for the planned application. For outside doors, the door should preferably be mounted on the inside and open inwards.
- Doors mounted on the outside have to be equipped with a rain guard above the roller track.
- Ensure sufficient drainage in the area in front of the door. If necessary, plan a sloping surface or a drain gutter in front of the door. Avoid a build up of water underneath the door.
- Make sure that the building is dry and sufficiently ventilated.

These planning, installation, maintenance and operating instructions provide an overview of the current state of development. Subject to technical changes.

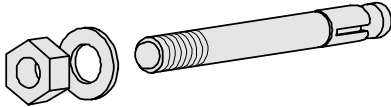
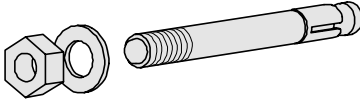
5. Assembly Preparation

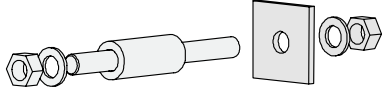
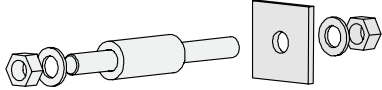
Check the completeness and correctness of the delivery including the individual parts and accessories.

6. Assembly Process

1. Check and compare the dimensions of the wall opening with the specifications in the order confirmation.
2. Determine the height and lateral distances of the wall seal and mounting rail
3. Assemble wall seal and mounting rail. Assemble the run-in bracket
4. Assemble runner rails, align, clean and coat running surfaces with a resin-free oil
5. Hang the door leaves and roller mechanism.
6. Position guide rollers
7. Assemble accessories (e.g. recessed handles, wicket door, etc.).
8. Assemble rain guard for outside doors
9. Insert door

7. Overview of Fixing Equipment

 <p>Using FAZ 12/10 stay bolts Drill bit: Ø16mm Drilling depth: Min. 115mm</p>	 <p>Using FAN 12/30 stay bolts Drill bit: Ø12mm Drilling depth: Min. 100mm</p>
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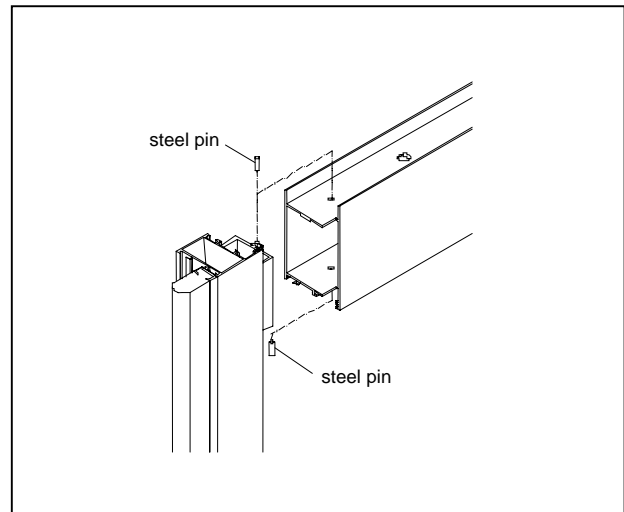
 <p>Using M12 through bolt Drilling depth: Through bore Drill bit: Ø12mm Drill bit for sleeve: Ø30mm Drilling depth for sleeve: Min. Ø80mm</p>	 <p>Using M16 through bolt Drill bit: Ø16mm Drill bit for sleeve: Ø30mm Drilling depth for sleeve: Min. Ø80mm</p>
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7.1

Use the enclosed packing list to check the completeness of the delivery prior to assembly. Check wall opening dimensions.

7.2

Connect and align frame pieces. Drive steel pins into the provided bore holes.



7.3

Insert the panels and clip on the clamping strips. Insert the seal between the panel and the clamping strips.

7.4

Fix run-in plate to the wall
 Fix u-shaped bracket to the wall
 (10x60mm bolt with washer)

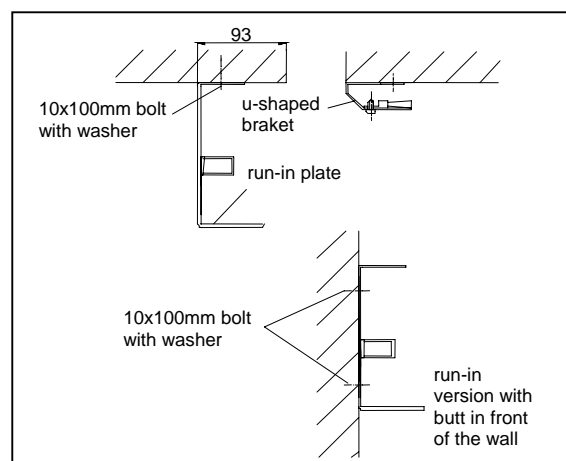
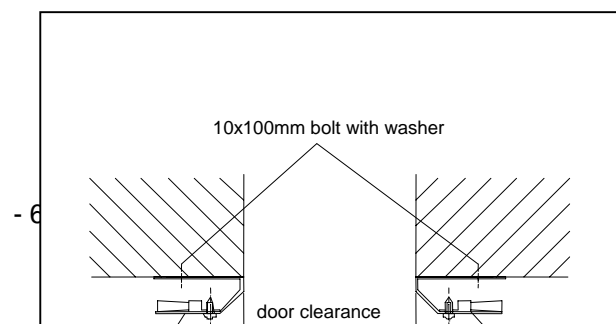


Figure displays 2 leaf door

Fix u-shaped bracket to the wall
 (10x60mm bolt with washer)



7.4.1 Counterweight Closing Side

Fix run-in plate and weight box to the wall.

(10x60mm bolt with washer)

7.4.2

Fix u-shaped bracket to the wall

(10x60mm bolt with washer)

7.5 Lintel Mounting

Bolt on the mounting rail (FAZ 12-10 stay bolt).

Caution: The fixing holes are pre-cut in the mounting rail. If any of the fixing holes cannot be used, e.g. due to reinforcing iron, etc., drill replacement holes as close to the provided fixing holes as possible.

7.6

Fix the runner rail underneath the mounting rail.

(M8x20mm countersunk bolt with nut)

Caution: The fixing holes have also been pre-cut here.

Please use all the holes.

7.7 Ceiling Mounting

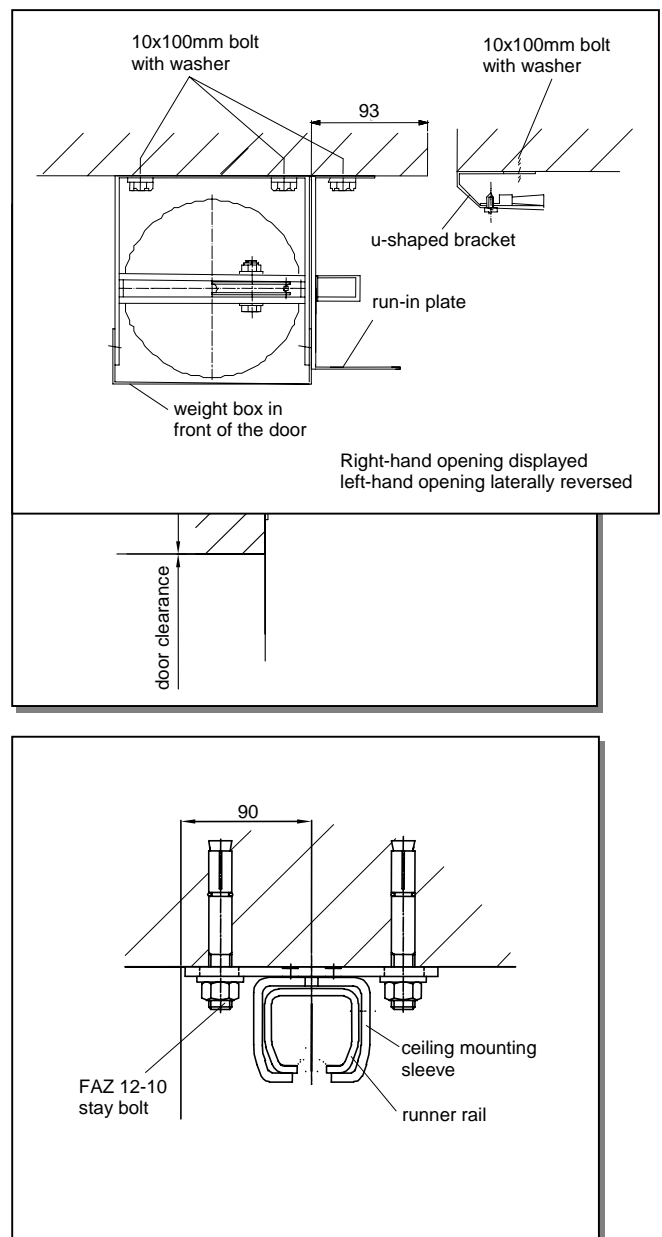
Attach the ceiling mounting sleeves.

(Distance $\leq 1,000$ mm; FAZ 12-10 stay bolt)

Insert the runner rail into the ceiling mounting sleeve

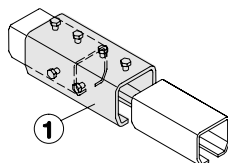
Attach the runner rail and the ceiling sleeves

at the same time if there is a



shortage of space.

Use a connection sleeve (1) to interconnect several runner rails



Fixing the ceiling sleeves

Check height over the entire width (observe unevenness of the floor!)

Measure the distance from the lower edge of the ceiling to the highest point of the floor. Subsequently fix the ceiling mounting sleeve to the lowest point. Mark further divisions using a tube level or surveyor's level.

Brackets for ceiling mounting

	<p>Using FAZ 12/10 stay bolts Drill bit: Ø12mm Drilling depth: Min. 90mm Distance: 94mm Dimension "X": 51mm</p>	<p>Using FAN 16/25 stay bolts Drill bit: Ø16mm Drilling depth: Min. 115mm Distance: 124mm Dimension "X": 36mm</p>
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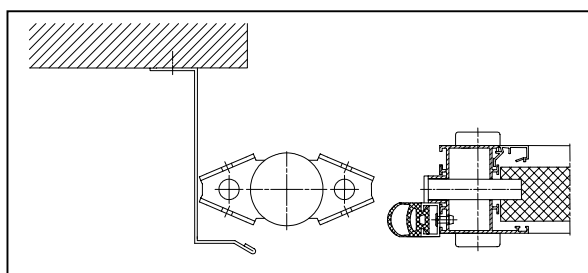
Alternative bracket fixing by welding onto a bracket preset in concrete

<p>Lintel mounting</p>	<p>Ceiling mounting</p>	<p>Set the bracket plate in concrete while constructing the lintel or ceiling. Weld the angle brackets or ceiling brackets to the bracket plates. (See 1 "General Instructions – bullet 7!")</p>
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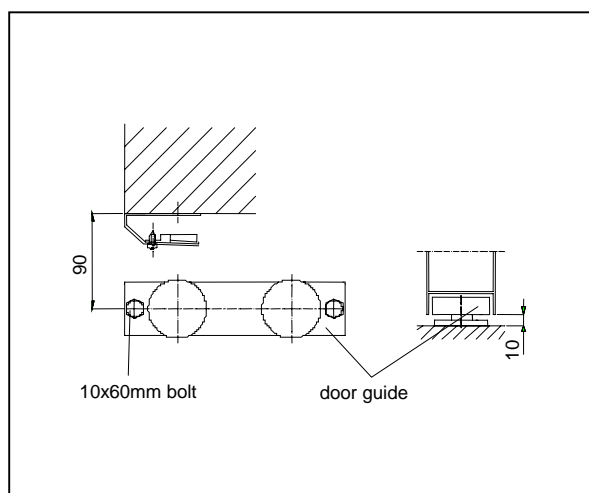
7.8

Fix the door guides to the floor (10x60mm bolts)

Door run-in



Area in front of the wall



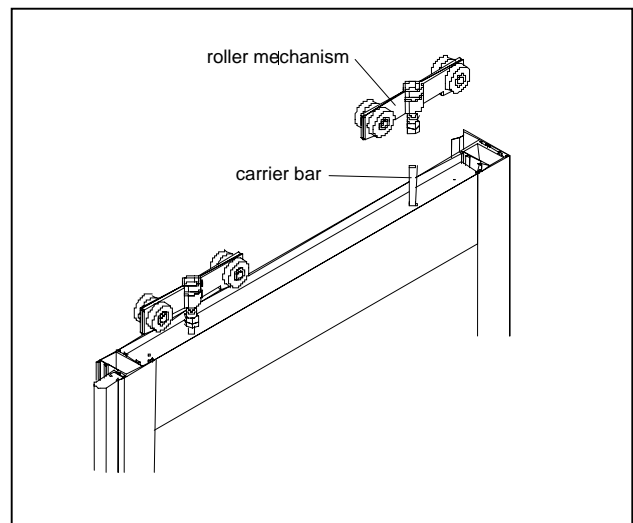
7.9

Insert the roller mechanisms into the runner rail

Screw the set screws (carrier bar) into the bore holes in the upper door frame.

Position the door leaf in the area underneath the runner rail and screw it tightly to the roller mechanisms.

Ensure that the space between the leaf and the floor is approx. 10mm.

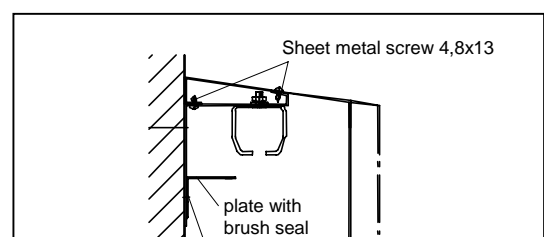
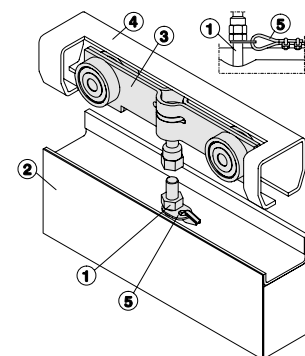


7.10 Hanging the Door Leaves and Roller Mechanisms

- Screw the carrier bar into the bore hole in the door leaf
- Insert the roller mechanism into the runner rail
- Place the door leaf underneath the roller mechanism
- Screw together the roller mechanism and the carrier bar.

Adjust to the correct height to ensure precise running of the roller mechanism by screwing the carrier bar in the door leaf clockwise or anti-clockwise (minimum screw-in depth of the carrier bar = 25mm).

The roller mechanism can be completely screwed into the door leaf for larger spaces. Subsequently insert the door leaf together with the roller mechanism into the runner rail from the rear. For doors with counterweight balance at the first roller mechanism (as viewed from the closing side), attach the metal clip for the traction rope complete with rope when screwing in the carrier bar.



7.11 Fixing the Rain Guard (outside doors)

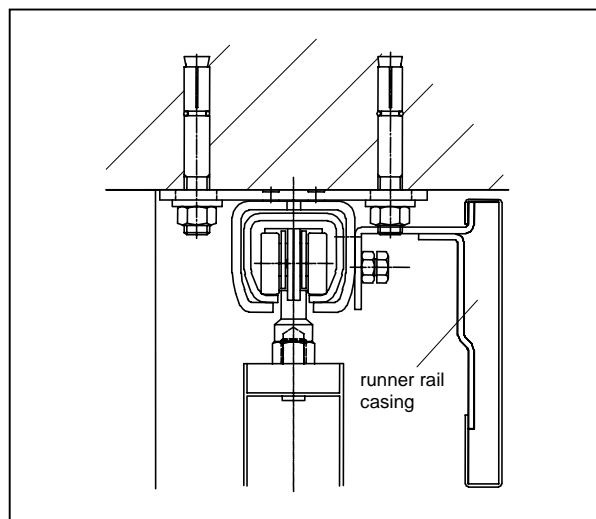
Attach the rain guard to the mounting rail
(4.8x13mm screw)

7.12

Fix the plate with brush seal to the mounting rail
(M5 hexagon nut)

7.13 Fixing the Casing Bracket

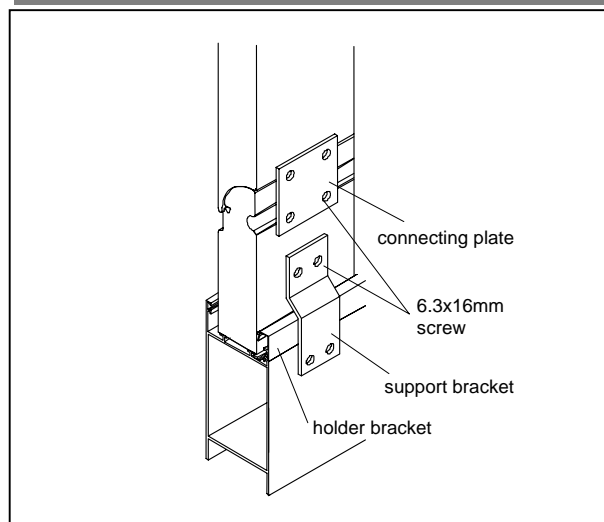
Fix the casing bracket to the ceiling sleeves.
Hang the runner rail casing in the bracket.



7.14

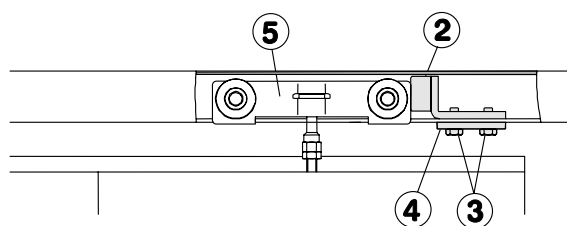
Fix the connecting plates to the inside of the door (6.3x16mm bolts); (pre-drilled).

For version with wicket door: Attach additional support brackets (pre-drilled). Assemble handles inside and outside (pre-drilled), install mortise handle with circular deadbolt. Attach runner rail stopper to the end of the runner rail.

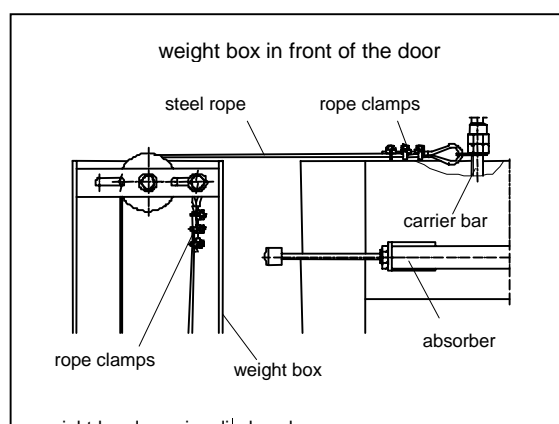


7.15

Use the hexagon bolts (3) and clamp (4) to fix the end stoppers. Attach the end stoppers when the door is open.

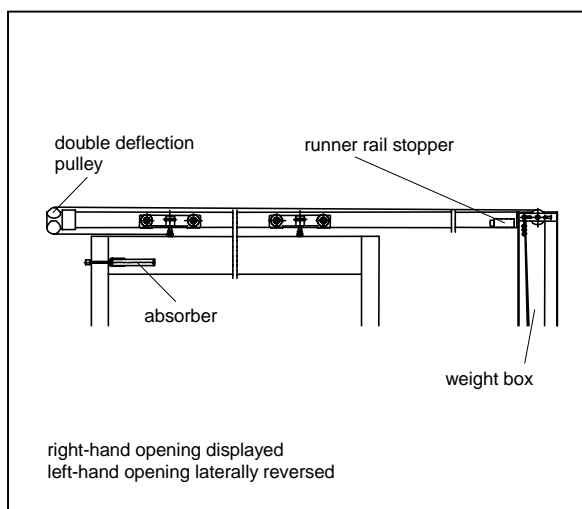


7.16 Version with Weight Box



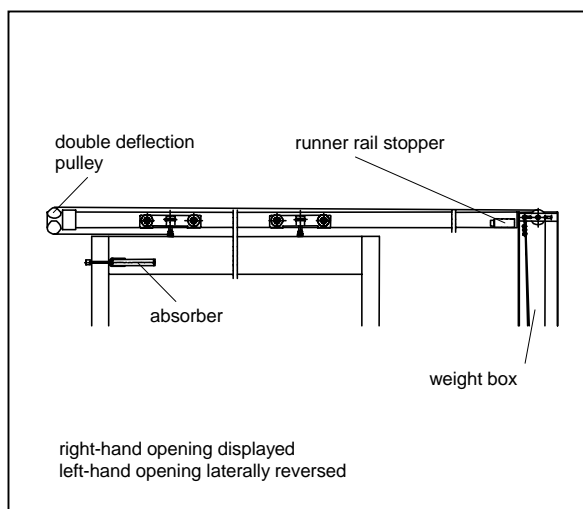
In front of the Door

Fix the clip (see 10) with the steel rope to the first carrier bar (closing side)
 Feed the other end of the rope downwards over the weight box roller and around the weight suspension roller. Use three rope clamps to fix the rope at the top of the weight box.



Version with weight box behind the open door

Attach the double deflection pulley to the front of the runner rail. Fix the weight box to the wall behind the open door (10x100mm bolt with washer). Fix the clip with the steel rope to the first carrier bar.
 Feed the other end of the rope downwards over the double deflection pulley and the weight box roller and around the weight suspension roller.
 Use three rope clamps to fix the rope at the top of the weight box.



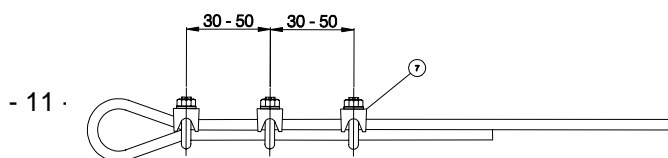
Version with weight box behind the open door (2 leaves)

Attach the double deflection pulley to the front of the runner rail. Fix the weight boxes to the wall behind the open door.
 Fix the clips with the steel ropes to the first carrier bar (closing side).
 Feed the end of the ropes downwards over the double deflection pulley and the weight box rollers and around the weight suspension rollers.
 Use three rope clamps to fix the rope at the top of the weight box.

Fixing equipment for counterweight box

- For concrete:
 - Use Ø12mm expansion anchor; (Ø12mm drill bit, min. drilling depth 50mm)
 - Use M10 heavy duty anchor; (Ø10mm drill bit, min. drilling depth 80mm)
- For masonry:
 - Use Ø12mm synthetic plug; 135mm long; (Ø12mm drill bit, min. drilling depth 150mm)
- For autoclaved aerated concrete: - Use M12 through bolts

Rope fixing



Assemble the weight box.

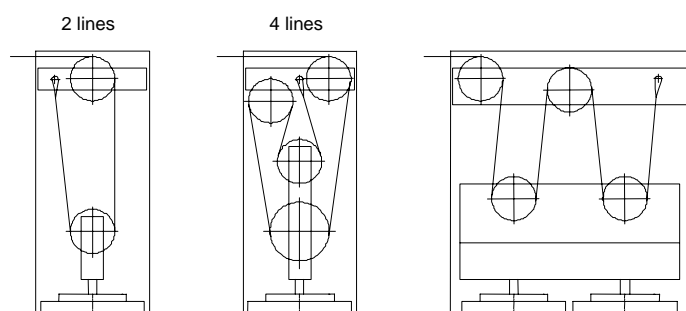
Fix the rope to the roller mechanism and the weight suspension; use 3 rope clamps (7).

Hang and counterbalance the weights.

Ensure that the rope and the weights do not catch on protruding rivets, screws or bolts.

Caution: In the interest of safety, it is necessary that the distance between the open door and the weight box behind the open door is at least 500mm when operating with weight deflection.

Rope guidance in the weight box



Caution: Ensure that the weights are 50mm (safe distance) above the finished floor.

Rope Guidance and Weight Suspension:

- for counterweight on the closing side (wall and ceiling mounting)

Rope guidance:

See 2 leaf doors!

Rope guidance:

Caution: In order to attach the rope, fix the clip with the rope to the first roller mechanism at the closing side (see 2.1).

- Screw or weld a double rope deflection pulley to the runner rail.

Weight suspension:

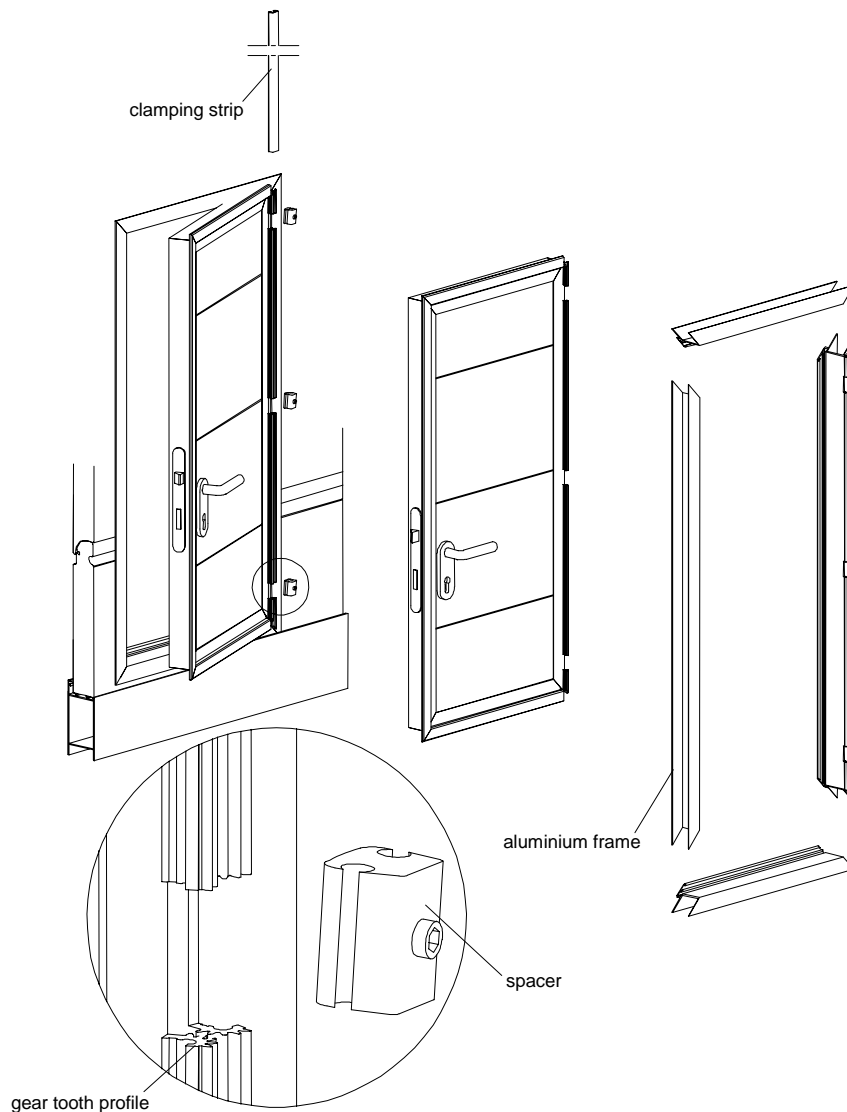
Hang and counterbalance the weight. Fix the weight box cover to the weight box bracket on both sides using M6x8mm cheese head screws (8) (3x at the same height).

Weight counterbalance:

Only use the amount of weight which is required for safe closing of the door.

The door has to open with a max. force of 200 N.

7.17 Version with Wicket Door



Adjust and rivet the aluminium frame at the position provided.
 Subsequently place the wicket door in the fixed aluminium frame.
 Use the clamping strip to fix the wicket door and the aluminium frame, which are connected using the gear tooth profile.
 The spacers have to be placed in the provided gaps.

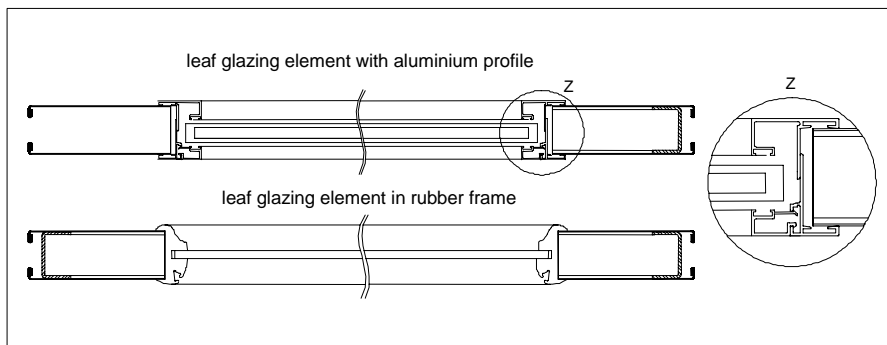
Only assemble the upper frame part (see Installation Instructions step 2) after the clamping strip has been placed over the toothed profile.

Caution: The wicket door position (closed – open) of sliding doors with an automatic electric drive has to be checked via 2 magnetic contacts connected in series and integrated into the frame and door leaf . This ensures that the door can only moved when the wicket door is completely closed.

7.18 Glazing Elements

Various glass and glazing elements can be supplied

- Glazing elements are fixed in rubber frames by the manufacturer. However, glazing elements can also be fixed in aluminium profiles by the customer. The retrofitting of door leaves with transparent panels (glass) is strictly forbidden.
- The manufacturer shall assume no liability for injuries or damage to persons or property caused by non shatter-proof glass or incorrect installation by third parties.
- The manufacturer only installs shatter-proof glass which complies with the requirements of DIN EN 12600.
- Please note that any replacement glass has to have the same performance properties in accordance with DIN EN 12600 as regards impact resistance, etc. as the glazing elements installed by the manufacturer.
- Please contact *Tekla-Technik, Tor + Tür GmbH & Co. KG* for more information about permissible and manufacturer installed glazing elements.
- Glazing work should only be carried out by qualified personnel.



8. Drive (special version)

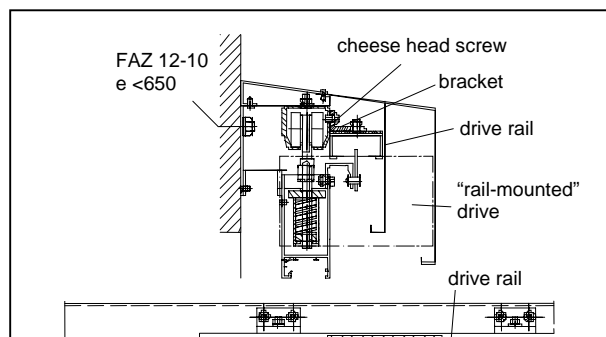
Dw 40 E sliding doors can optionally be equipped with an electric drive with either “deadman” or “pulse function”. The control button OPEN or CLOSED has to be pressed continuously for door movement with an electric drive with “deadman operation”.

For automatic or pulse function, door movement OPEN, CLOSED or STOP is triggered via a pulse at the button. The buttons only have to be pressed briefly during pulse operation.

Right-hand version: “drive – lintel mounting”

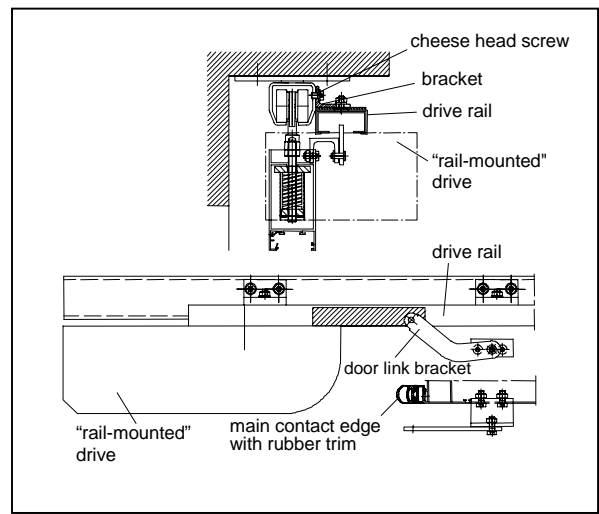
Electric drive with the drive rail attached to the runner

rail.



Left-hand version: “drive – ceiling mounting”

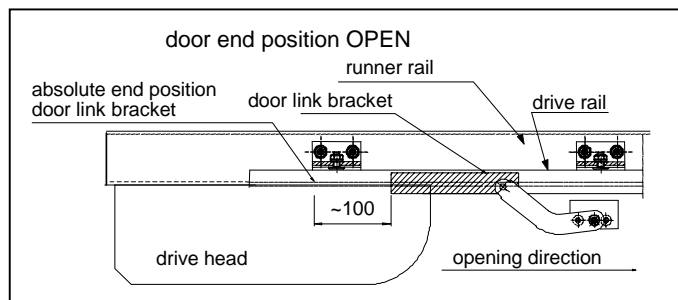
Electric drive with the drive rail attached to the runner rail



Assembly instructions for sliding doors with CarTeck 252 electric drive

Important: The electric drive stated below (Marantec, type 252) should only be used for doors with a leaf area of $\leq 25m^2$. This drive is not permitted for larger leaf areas.

- Open the door in order to install the drive rail.
- Use the fixing brackets to install the drive rail in front of the runner rail (see diagram – pre-drilled!)
- Lengthwise, the drive rail should be set so that the end position of the door link bracket in the drive rail is at least 100mm behind the fully open door, i.e. that the door link bracket can never move to the end of the rail. The same applies for the closed position.

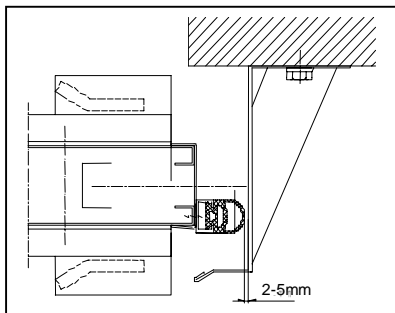


Programming the electric drive in accordance with the CarTeck Installation and Operating Instructions.

Before programming the electric drive it is important to check whether the door runs freely in the parallel running drive rail. The door link bracket of the guide rail has to be unlocked for this task (see Fig. D10 - D12, Installation Instructions Part 2). Subsequently check whether the door and guide rail run smoothly without jamming along the entire travel of the door (end position open and closed).

Ensure that the door link bracket has locked into place in the drive rail prior to programming! (see D23, Installation Instructions Part 2)

- Programming procedure for basic drive functions page 26 of the Installation and Operating Instructions Part 1
- Programming end position OPEN and CLOSED page 28 – 29. Caution: When programming the end position CLOSED, ensure that the rubber trim of the main contact leaf edge is not resting on the run-in bracket! The distance between the rubber trim and the run-in bracket has to be approx. 2 – 5mm (see diagram)



A warning sign should be placed in the area of the wall soffit for doors with Marantec automatic operation. This sign has to warn of the potential dangers resulting from automatic door closing!



Figure of the sliding door with guide shoe – not available for dw 40 sliding doors, see 7.8

- Programming radio control page 30
- Programming automatic switch-off OPEN and CLOSED. With this function, the upper force limit of the drive for OPEN and CLOSED movement has to be set to the smallest value sufficient enough to move the door (pages 36 – 39)
- Programming SOFT STOP CLOSED (page 54). The factory setting for the Soft Stop Closed is 200 mm. Select the fourth programming level. Change the Soft Stop Closed from 200 to 500mm, subsequently exit the programming level.
- Any other program level and steps should only be selected and changed in special cases.

Special programming of drive 252 in deadman function. This function is not included in the Marantec operating instructions. If required, please contact Tekla-Technik, Tor + Tür GmbH & Co. KG

Note: Only use electric drives tested and released by the door manufacturer. Contact Tekla-Technik, Tor + Tür GmbH & Co. KG for information about which drives have been tested and released for your requirements when retrofitting a drive to a manually operated door.

(Also see 14. Declaration of Conformity)

The electric drive has been designed for approx. 35,000 operating cycles provided that the doors have a leaf area of max. 5,000 x 5,000mm and are operated under normal operating

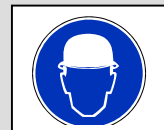


conditions - in fully functional condition - without impairments. Please observe these specifications for future maintenance of power operated doors.

9. General Safety Instructions for Assembly



- Always observe the maximum permissible loads when using lifting gear and devices. The weight of the door is approx. 28kg/m².
- Only use intact and certified lifting devices (assembly cranes, fork lifts) and lifting gear (cables, chains, belts).
- Before lifting the elements ensure that the load is secured correctly and that it can neither become loose nor slip. The elements can suddenly jerk and swing – beware risk of injuries!
- During assembly avoid wind loads on the not fully assembled door, e.g. in thoroughfares or subways. Close or secure all openings in advance.
- During the entire assembly period ensure that individual door elements and components cannot fall down or be knocked down.
- Always wear suitable protective clothing (protective gloves, hats, boots, etc.) during assembly.



- Always use scaffolding or lifting platforms to carry out assembly work at >2 m.
- Ensure that unauthorised persons cannot enter the installation area during assembly.
- Plan disassembly in accordance with local conditions.
- Disassembly is carried out in reverse order to assembly. Observe the specified assembly safety instructions.



Caution: The disassembly steps have been designed for undamaged, fully functional doors. However, if a door has to be disassembled due to damage, the type of damage is decisive for the disassembly procedures. The steps listed below are, therefore, only intended as a rough guide in such cases. The sequence of actions may change or not be necessary depending on the situation and damage. Disassembly should always be carried out with the utmost care and attention and under the supervision of a specialist.

10. Maintenance

Doors should be serviced by a qualified technician at least every 12 months to avoid malfunctioning and to guarantee trouble-free operation.

General condition:

- o Visual inspection of the door leaf and runner rail for corrosion
- o Check runner rail attachment, if necessary, retighten fixings
- o Check toothed belts and steel ropes for damages and correct tension

Runner rail:

- o Clean runner rail
- o Lubricate runner rail and roller track

Braking system:

- o Check and, if necessary, set hydraulic brake mechanism and shock absorbers

If malfunctions occur (e.g. stiff door operation, unusual noises during operation, etc.), immediately contact a specialist company to carry out checks

11. Declaration of Conformity and CE Mark

After operative assembly of the door system (door and, if necessary, drive and/or hold open device), the *door system manufacturer* has to issue an EC Declaration of Conformity (in accordance with Article 8 of the European Directive 89/392/EEC) and present it to the owner for future reference. The door system is additionally provided with a “CE” mark.

Note: *Manufacturer of the door system or the hold open device is the installation engineer or the installation company which is in charge of mounting the door system/hold open device, i.e. connecting and assembling the individual components (door and, if necessary, the hold open device and/or electric drive, etc.). It is expressly stated that it is not automatically the door manufacturer or a subcontractor commissioned by the installation company.*



**Inspection Book
for Power Operated Doors**

Teckentrup Multi-Purpose Sliding Doors dw 40 –1/-2 and dw 62-1/-2,

Door No.: _____



Company: _____

Site: _____

Basic Principles for the Inspection of Power Operated Doors

The safety technical requirements and test methods for the construction and equipment of power operated doors are specified in the European standard **DIN EN 13241-1 : 2004**, which puts the general requirements of the European Construction Products Directive in concrete terms. Normative references in DIN EN 13241-1: 2004 are especially:

- | | |
|--------------|---|
| EN 418 | Safety of machinery – Emergency stop equipment |
| DIN EN 12604 | Doors and Gates – Mechanical aspects – Requirements |
| DIN EN 12605 | Doors and Gates – Mechanical aspects – Test methods |
| DIN EN 12453 | Doors and Gates – Safety in use of power operated doors – Requirements |
| DIN EN 12445 | Doors and Gates – Safety in use of power operated doors – Test methods |
| DIN EN 12635 | Doors and Gates – Installation and use, |
| DIN EN 12978 | Doors and Gates – Safety devices for power operated doors and gates – Requirements and test methods |

The specifications of the “Guideline for Power Operated Windows, Doors and Gates” ZH1/494 are still valid for power operated doors which entered the market before 1 November 2000 or 1 June 2001. The standards do not demand the retrofitting of existing systems which were installed before the aforementioned dates. However, the European standards stated above are valid for all doors without powered operation which have been retrofitted with an electric drive since 1 June 2001.

Power operated doors have to be inspected by a qualified person prior to initial commissioning and as and when required – an inspection should be carried at least once a year. This inspection cannot be equated with maintenance work.

A qualified person is someone who, due to his/her technical training and experience, possesses sufficient knowledge of power operated doors and of the respective official occupational health and safety regulations, directives and generally recognised technical rules (e.g. DIN standards, VDE specifications) to determine the safe condition of doors. This



person can be a qualified technician, an authorised employee of the manufacturer, supplier or installation company, or an appropriately experienced employee of the owner.

These specialists have to carry out their assessment impartially based on occupational health and safety regulations. They should not be influenced by any other circumstances, e.g. financial reasons.

The inspection result has to be recorded in writing in an inspection book issued for the respective door. This written documentation should always be kept to hand for future reference at the installation site of the power operated doors.

System Data

- 1. Name:** Teckentrup **Multi Purpose Sliding Doors** **Type:** dw 40-1/-2, dw 62-1/-2
Door No.: _____ Year of Construction: _____ Commissioned on: _____
Manufacturer (Installation Company) or Supplier: _____
 The operator has received instructions about safe operation of the door system

2. Leaf

Dimensions: _____ Material: Galvanized steel plate
Weight: _____

Glazing no yes → Specify type of glass: _____

3. Electric Drive

Automatic version, manufacturer or supplier: Marantec,
Type/Name: CarTeck 252
Output: 260 W
Operating voltage: 230 (V) Control voltage: 230 (V)

4. Control

Manufacturer: Integrated in the electric drive,

Type of control:

- Pulse operation**
- Deadman**
- Remote control (pulse/deadman)**
- Key switch**
- Induction loop**
- Radar**
- Others:** _____

5. Safety of the main contact edge

- Safety edge, safety edge mechanism
- Force limitation
- Safety photocell grid
- Others: _____

Inspection List for Power Operated Sliding Doors

0. System Data

Name: Teckentrup Steel Multi Purpose Door Type.: **dw 40-1/-2, dw 62-1/-2**

Door No.: _____ Year of Construction: _____

Commissioning: _____

Manufacturer or Supplier: _____

OK = In order

Main. = Maintenance necessary

n.a. = not applicable

		OK	Main.	n.a.
1. Leaves, Guides		OK	Main.	n.a.
1.1 Leaves	(fixing / wear)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.2 Leaf panel	(fixing condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.3 Safety edge mechanism	(condition / function / distances)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.4 Gaskets	(condition / wear)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.5 Castor, rollers	(fixing / wear /	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Hinges lubrication)			
1.6 Leaf suspension	(protection against lifting / derailing)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.7 Wicket door	(locking with the elec. drive)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.8 Door leaf locking	(function)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Drive				
2.1 Drive unit and bracket	(fixing)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.2 Gear casing	(sealing)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.3 Lubricant level	(amount)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.4 Braking effect	(function)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.5 Electrical lines and connections	(condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2.6	Drive chain other transmission	(lubrication / wear)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.7	Chain wheel protection	(condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.8	Devices for manual operation	(function)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.9	Overload protection, e.g. slipping clutches, pressure control valve	(function)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.10	Slowing-down path	(measurement)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Control				
3.1	Controls (push buttons, deadman control)	(function)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.2	Limit switch, emergency limit switch	(function)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.3	Main switch	(function)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.4	Devices for Remote control, including Emergency off device	(function)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.5	Protective motor switch	(function)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Devices for securing pinch and shearing points		OK	Main.	n.a.
4.1	Safety edge	(function)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.2	Force limitation	(function)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.3	Deadman control	(function)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.4	Contact-free functioning protective devices	(function)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.5	Clearance between leaves and fixed parts in the vicinity	(function, measurement)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.6	Contact mats	(function)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.7	Radar devices in combination with safety photocells	(function)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.8	Covers	(function)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.9	Closing speed of	(function)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



- automatic closing doors $\leq 0.3\text{m/s}$
- 4.10 Acoustic warning device of (function)
- automatic closing doors
- speed $>0.3\text{m/s}$

5. Markings

- 5.1 Sliding door, folding door (complete, legibility)
- manufacturer or supplier,
- year of construction, factory no.,
- licence no.
- CE marking (from 01.01.1997)

6. Inspection findings and required measures ¹⁾ (if necessary supplementary sheet):

¹⁾ If the door system is not OK, not operationally reliable, description of the chosen compensatory safety measures.

The customer / operator has been recommended to place the door system out of service:

on: _____ Name (Operator): _____

Date: _____ Signature: _____ Company: _____

Date of next inspection: _____



7. Defects eliminated – operating and functional safety guaranteed

Date: _____ Signature: _____

Company: _____