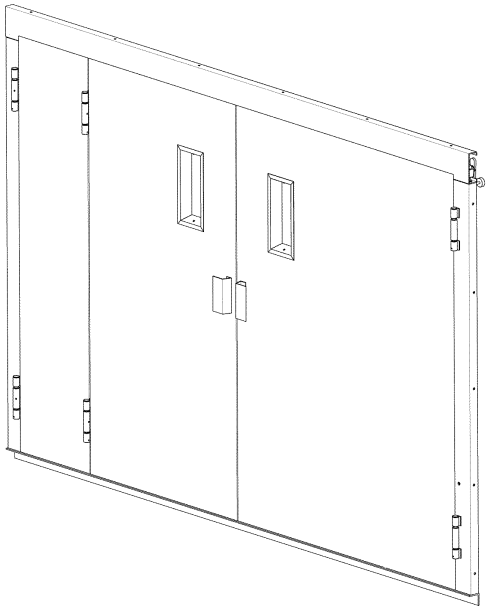
Swing landing door
DT 39 / 3
(First closing panel multi-panel)

Door type:
Swing door DT 39 / 3
3-panel, center-opening swing door,
last closing panel, right,
with external hinges

Dimensions:
CDW (DWLa+DWL+DWR) 1400 - 3700 mm,
(TBLa 200 - 1400; TBL 600 - 1400; TBR 600 - 1400),
CDH 2000 - 4000 mm

TH	100 - 400 mm (DWL+(DWLRa)<=1400 or CDH<=3000),
	125 - 200 mm (DWL+(DWLa)>1400 or CDH>3000),
FWR	60 - 400 mm (DWR+(DWRa)<=1400 or CDH<=3000),
	100 - 200 mm (DWR+(DWRa)>1400 or CDH>3000),
FWL	60 - 400 mm (DWL+(DWLa)<=1400 or CDH<=3000),
	100 - 200 mm (DWL+(DWLa)>1400 or CDH>3000),



Frame/sill:
Folded sheet steel, thickness 4 mm, primed

Door panel:
Folded sheet steel, thickness 2 mm, primed

Sill:
Angle profile 60x60x6 mm

Window:
100x300 with laminated safety glass,
Window frame of aluminium anodized EV1,
removable

Locking mechanism:
Set up for Kronenberg DLF2 door look
Single bearing block .11 shortened
Roller lever activation parallel to frame
Unlocking direction towards door panel
Position of roller lever in transom, side selection (right or left from the outside) necessary
or set up for electromotive door lock 2x DLF 1 MO

Protection class:
Lock in in IP 40 (optional)
Door contact in IP 20

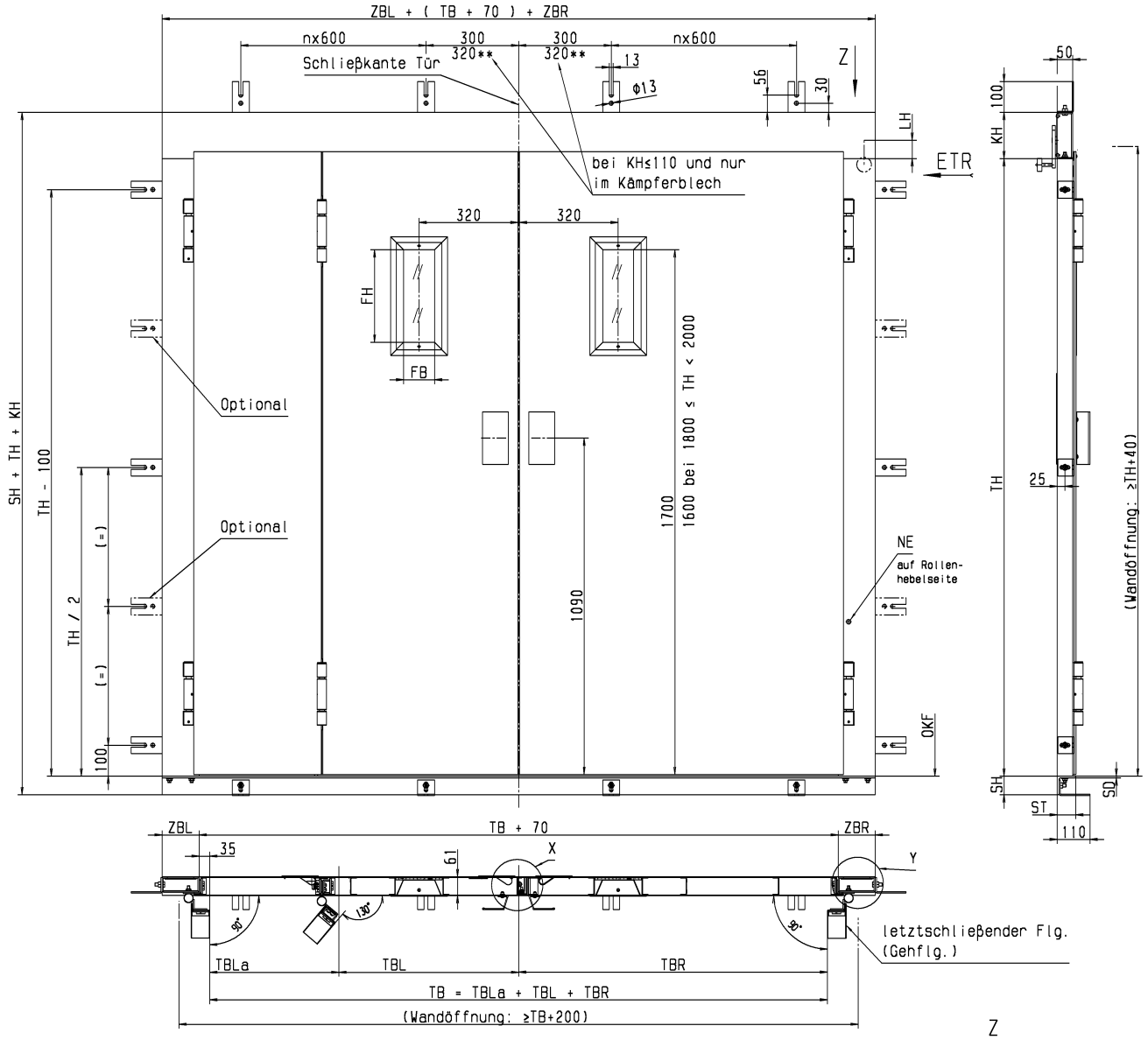
Handles:
Alu door handle, anodized EV1
Plastic pocket handle, black

Accessories:
Wall mounting bracket
Assembly instructions

Requirements: Meiller lift doors fulfill:
- EU Directive 2014/33/EU (Lift directive)
- Door locking system according to EN 81-20(50)

Safety rules for the design and installation of lifts
DIN EN 81-20(50)

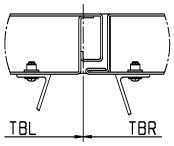
Note: Other dimensions and options available on request.



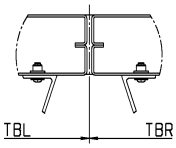
Z

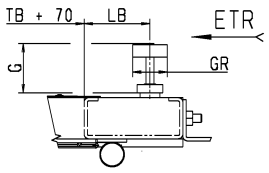
X

Ausführung mit Schlagleiste



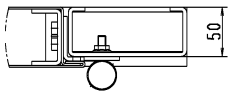
Ausführung ohne Schlagleiste



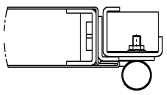


Y

Ausführung Zarge wenn ZBL/ZBR ≥ 90



Ausführung Zarge wenn 75 ≤ ZBL/ZBR < 90



DT 39 / 3	Standard
Door width CDW	2000
Door height CDH	2000
Frame width L FWL	120
Frame width R FWR	120
Sill SHxSTxSD	60x60x6
Position of bearing block LB	80
Position of bearing block LH	60
Window FWxFH	100x300
Roller rod length G	60
Roller diameter GR	42

ETR Release direction

□ mirror image, roller lever on left!

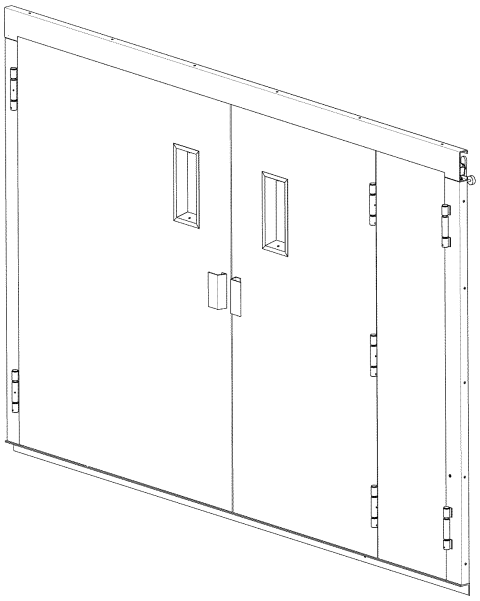
Subject to dimension changes!

Swing landing door
DT 39 / 3
(Last closing panel multi-panel)

Door type:
Swing door DT 38 / 3
3-panel, center-opening swing door,
last closing panel, right,
with external hinges

Dimensions:
CDW (DWL+DWR+DWRa) 1400 - 3700 mm,
(DWL 600 - 1400; DWR 600 - 1400; DWRa 200 - 1000)
CDH 2000 - 4000 mm

TH	100 - 400 mm (DWR+(DWRa)<=1400 or CDH<=3000),
	125 - 200 mm (DWR+(DWRa)>1400 or CDH>3000),
FWR	60 - 400 mm (DWR+(DWRa)<=1400 or CDH<=3000),
	100 - 200 mm (DWR+(DWRa)>1400 or CDH>3000),
FWL	60 - 400 mm (DWL+(DWLa)<=1400 or CDH<=3000),
	100 - 200 mm (DWL+(DWLa)>1400 or CDH>3000),



Frame/sill:
Folded sheet steel, thickness 4 mm, primed

Door panel:
Folded sheet steel, thickness 2 mm, primed

Sill:
Angle profile 60x60x6 mm

Windows
100x300 with laminated safety glass,
Window frame of aluminium, anodized EV1,
removable

Locking system:
Set up for Kronenberg DLF2 door look
Single bearing block .11 shortened
Roller lever activation parallel to frame
Unlocking direction towards door panel
Position of roller lever in transom, side selection (right or left from the outside) necessary
or set up for electromotive door lock 2x DLF 1 MO

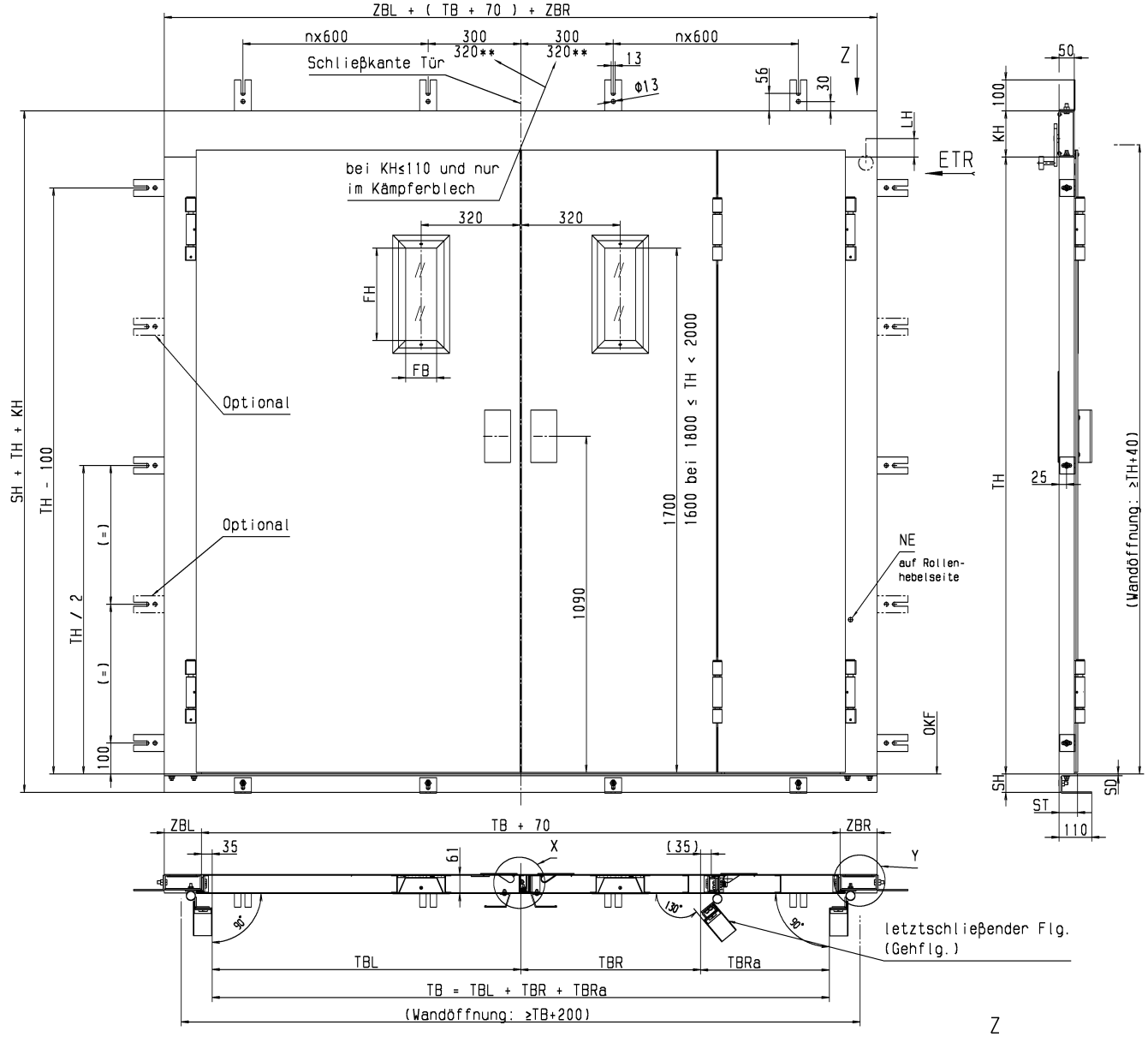
Protection class:
Lock in IP 40 (optional)
Door contact in IP 20

Handles:
Alu door handle, anodized EV1
Plastic pocket handle, black

Accessories:
Wall mounting bracket
Assembly instructions

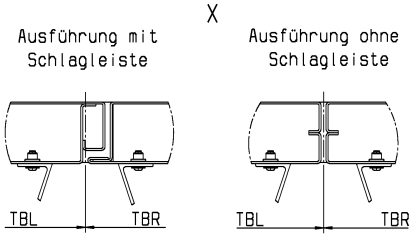
Requirements: Meiller lift doors fulfill:
- EU Directive 2014/33/EU (Lift directive)
- Door locking system according to EN 81-20(50)
Safety rules for the design and installation of lifts
DIN EN 81-20(50)

Note: Other dimensions and options available on request.

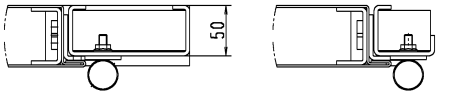


DT 39 / 3	Standard
Door width CDW	2000
Door height CDH	2000
Frame width L FWL	120
Frame width R FWR	120
Sill bracket SHxSTxSD	60x60x6
Position of bearing block LB	80
Position of bearing block LH	60
Window FWxFH	100x300
Roller rod length G	60
Roller diameter GR	42

X

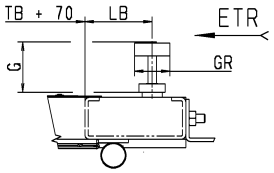


Y



ETR Release direction

Z



Design:

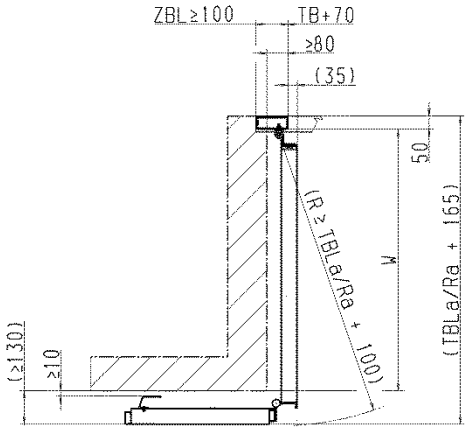
☐ EN 81-20(50) (Standard)

☐ as shown, roller lever on right!
☐ mirror image, roller lever on left!

Subject to dimension changes!

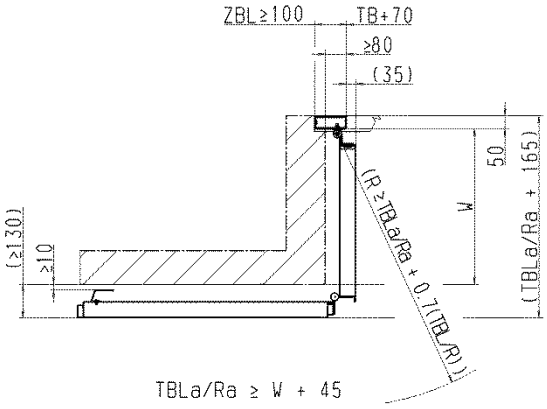
Door panel – Division

☐ Door panel placed on the wall and outer door panel (CDWLa/Ra) large



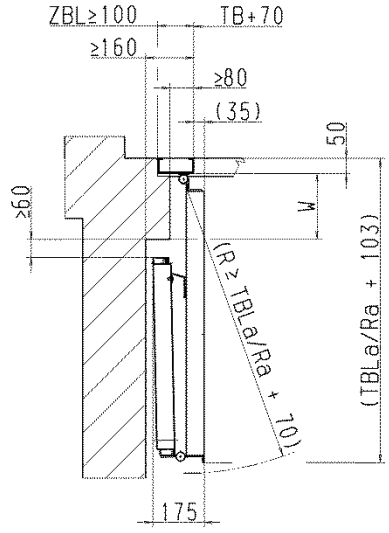
TBLa/Ra ≥ W + 45

☐ Door panel placed on the wall and outer door panel (CDWLa/Ra) small



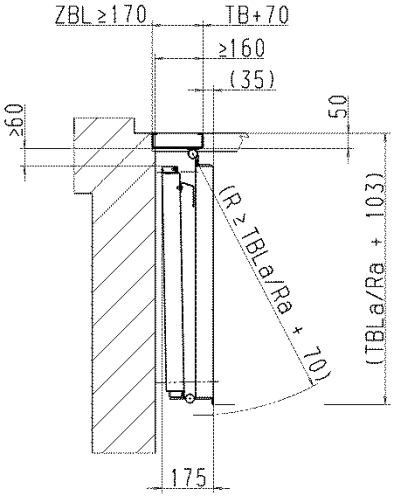
TBLa/Ra ≥ W + 45

☐ Door panel placed on door panel and with wall edge



TBLa/Ra ≥ TBL/R + W + 100

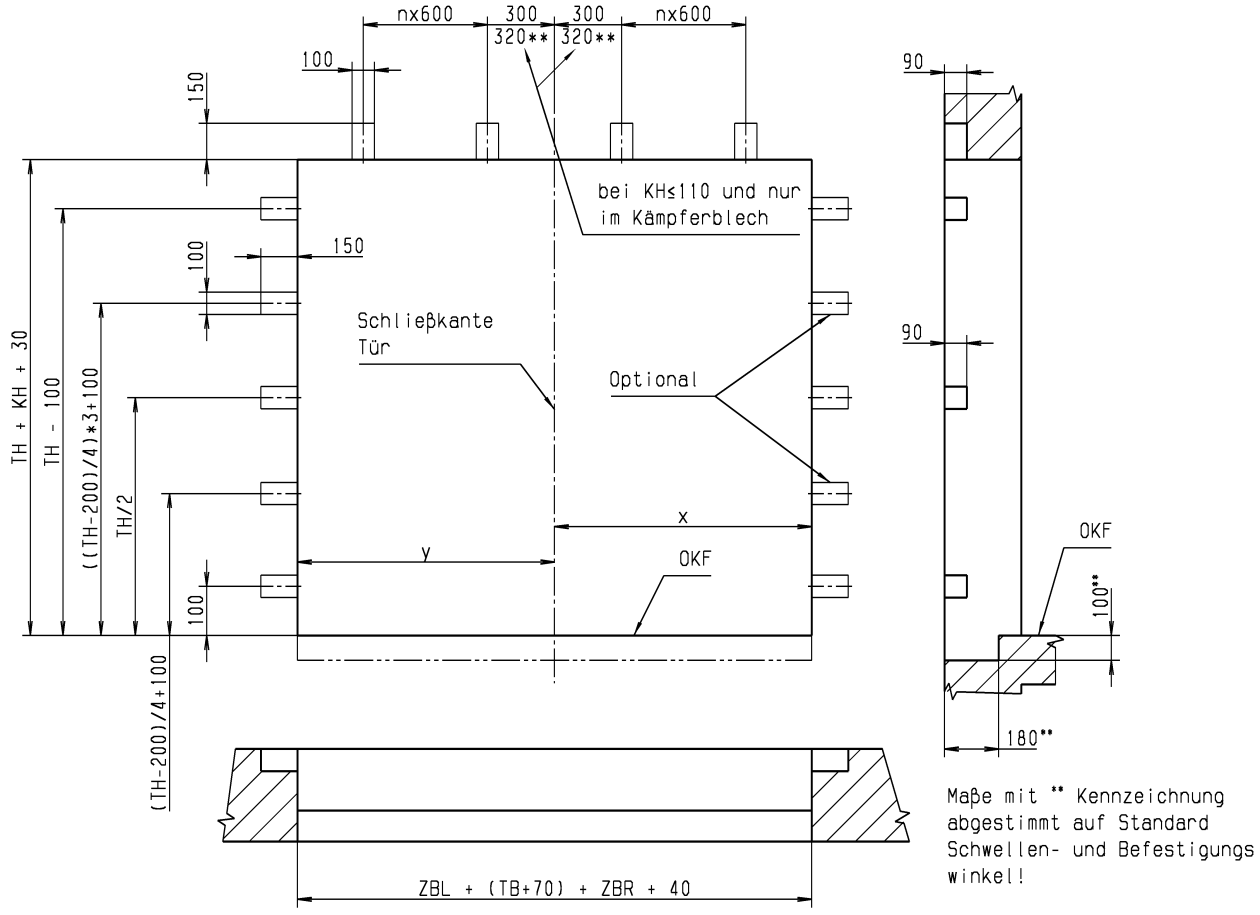
☐ Door panel placed on door panel



TBLa/Ra ≥ TBL/R + 100

(Schematic diagram door panel pairing links (CDWLa + CDWL);
right version (CDWRa + CDWR) mirror image!)

Subject to dimension changes!



Bei Maß x gilt:

TBR + 35 + ZBR + 20	nur bei DT 39/3 mit Mehrblättrigkeit Flügel links
TBRa + TBR + 35 + ZBR + 20	nur bei DT 39/3 mit Mehrblättrigkeit Flügel rechts
TBRa + TBR + 35 + ZBR + 20	nur bei DT 39/4

Bei Maß y gilt:

TBL + 35 + ZBL + 20	nur bei DT 39/3 mit Mehrblättrigkeit Flügel rechts
TBL + TBLa + 35 + ZBL + 20	nur bei DT 39/3 mit Mehrblättrigkeit Flügel links
TBL + TBLa + 35 + ZBL + 20	nur bei DT 39/4

OKF	=	Upper edge of finished floor
DH	=.....	Door height
FWR	=.....	Frame width right
FWL	=.....	Frame width left
TH	=.....	Transom height
CDWR	=.....	Door panel width right
CDWL	=.....	Door panel width left
CDWRa	=.....	Door panel w. outer right
CDWLa	=.....	Door panel w. outer left

Note:

If the doors are produced according to DIN 18090, observe the fire safety regulations according to DIN 18090 Section 5.2.2.

Seal connection joint between door frame and landing wall completely and tightly with building material of class A according to DIN 4102 Part 1.

Attention: All measurements in mm!
Further options (Transom enlargement, etc.) possible!

Subject to dimension changes!

Installation

The landing doors are usually delivered unassembled.

Door panel, transom, side posts and sills are to be compiled with matching numbers.

Transom, sill and side posts are to be assembled with screws and set up and secured in the wall recess.

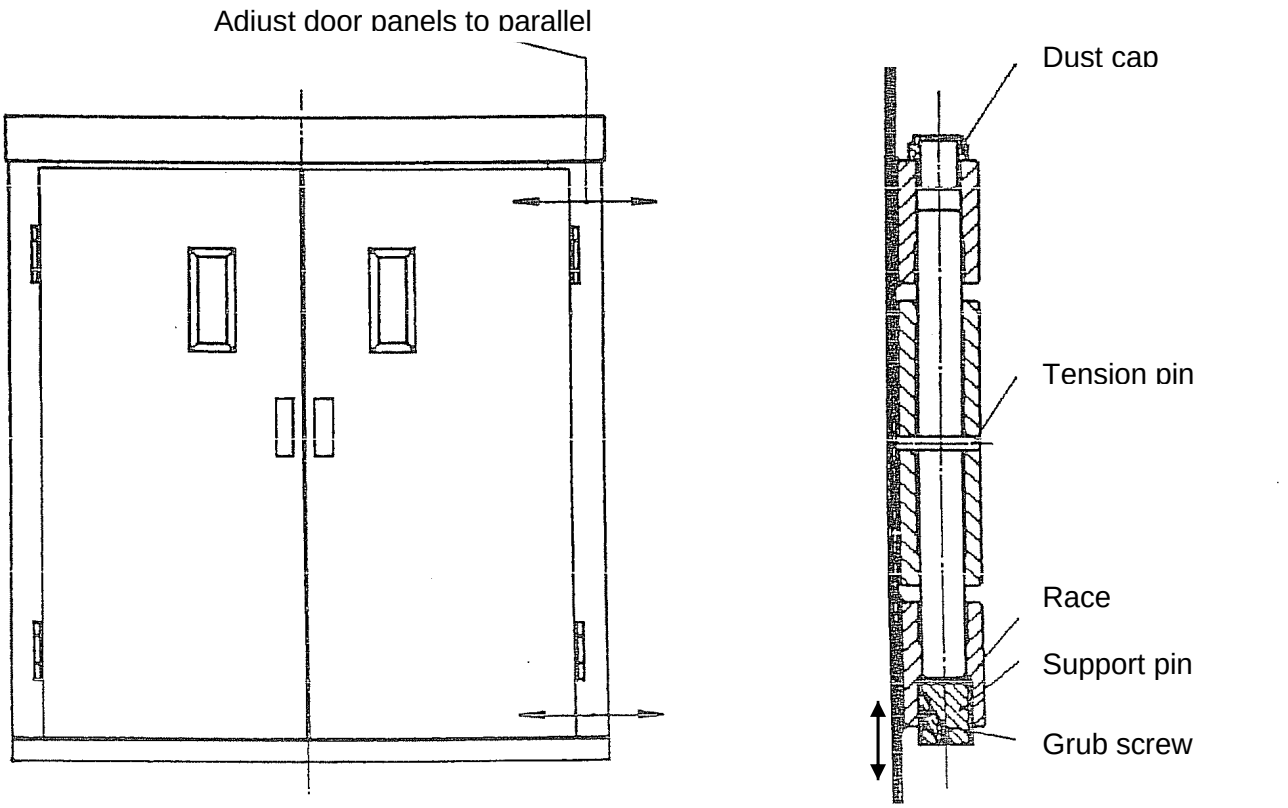
Important!

Door frame parts are not be fastened yet finally!

Now the door panels are mounted and moved to closed position. Handle and window frame can also be installed now.

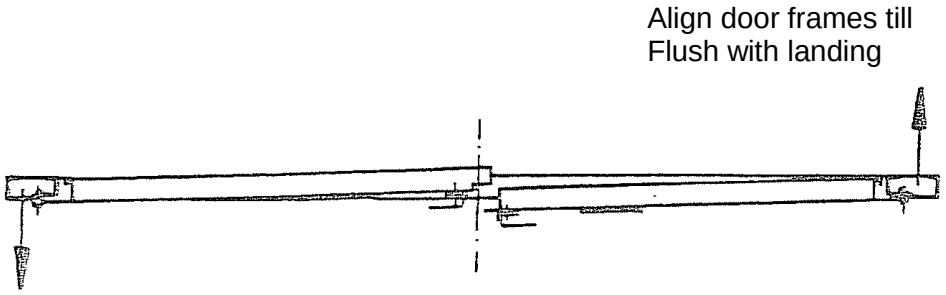
After the door frame is wedged horizontally and vertically in the wall opening, it is necessary to check and adjust the parallelism of the door panels. The gap between the door panels must be approx. 5mm at the bottom and top. Adjustments are made by a light shifting of hinges (in case of screwed version) or side posts at the joints of the sill (see Fig. 1).

Fig.1/1, DT 39/2 Bellevue, DT 2,



Installation

Fig. 3 (DT 39/2)



The next step is to check the position of the door panels to the landing wall. If the door panels are not flush with the sill or transom in the middle of the door, it is necessary to realign by correspondingly shifting of the door frame at the top and/or bottom corners (see Fig. 3).

The vertical position of the door panels is now checked and possibly modified as follows:

Loosen set screw 1 in the bottom hinge part and turn bolt higher or
lower with Allen key 10. Afterwards, retighten the set screw (see Fig. 2).

After a final check

1. Parallelism of door panels is given,
2. Transom, door panels and sill are flush with the landing,
3. Spacing between door panel/sill and door panel/transom are right,

The door frame can be finally anchored in the landing and plastered.

The smooth engagement of the latch bolt can be adjusted if necessary at the latch plates located in the door panels. In case of latch plates with height adjustment, thus must be secured by the customer against turning on their own (e.g. by using Loctite / soluble quality). After making adjustments, if present, the adjusting rings are to be removed from the latch plates.

The damper is adjusted by turning the cylinder rod.
Depending on version, a damper or/and ATS – tubular door closer is used. Further information (assembly) about the ATS – tubular door closer can be in the document TD 8200 3003 196 Technical Information ATS - Tubular Door Closer.

Finally the center groove of the door contact bridges is checked and, if necessary, adjusted by shifting the bridge and contact.

Attention:

After completing all work, it is necessary to check all threaded connections to ensure that they are snug!
Further information, warnings and tips can be found in the installation/maintenance
instructions for swing doors DT3 M DE 8200 3006 219.

Maintenance:

Prior to initial operation of the system, the door, locking mechanism and door contact must be cleaned carefully of any dust, mortar and other debris.
The hinges are to be lubricated with WD40 (or an equivalent lubricant).
All threaded connections must be checked to ensure that they are snug.