



Steel and stainless steel sliding doors FST OD

Hinged garage door DFT, vertical sliding door FHT, FlexFire FSFV

Technical manual

Issue 01.04.2021

EI₂30

EI₂90

MZ

HÖRMANN

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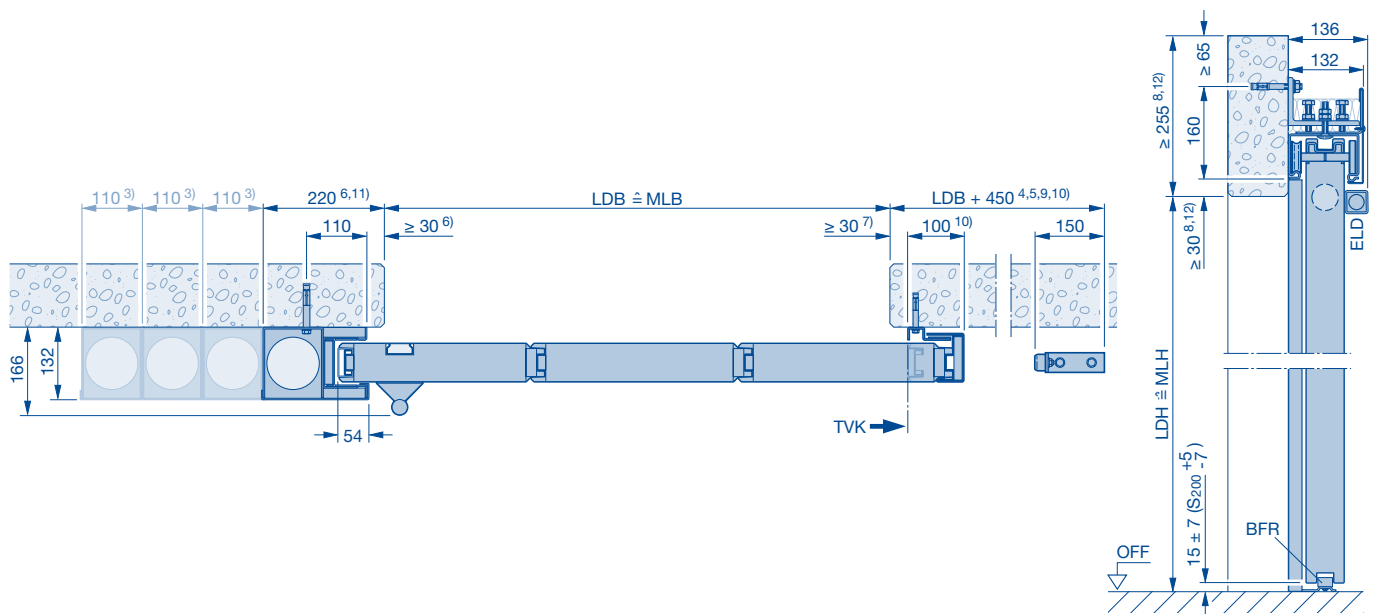
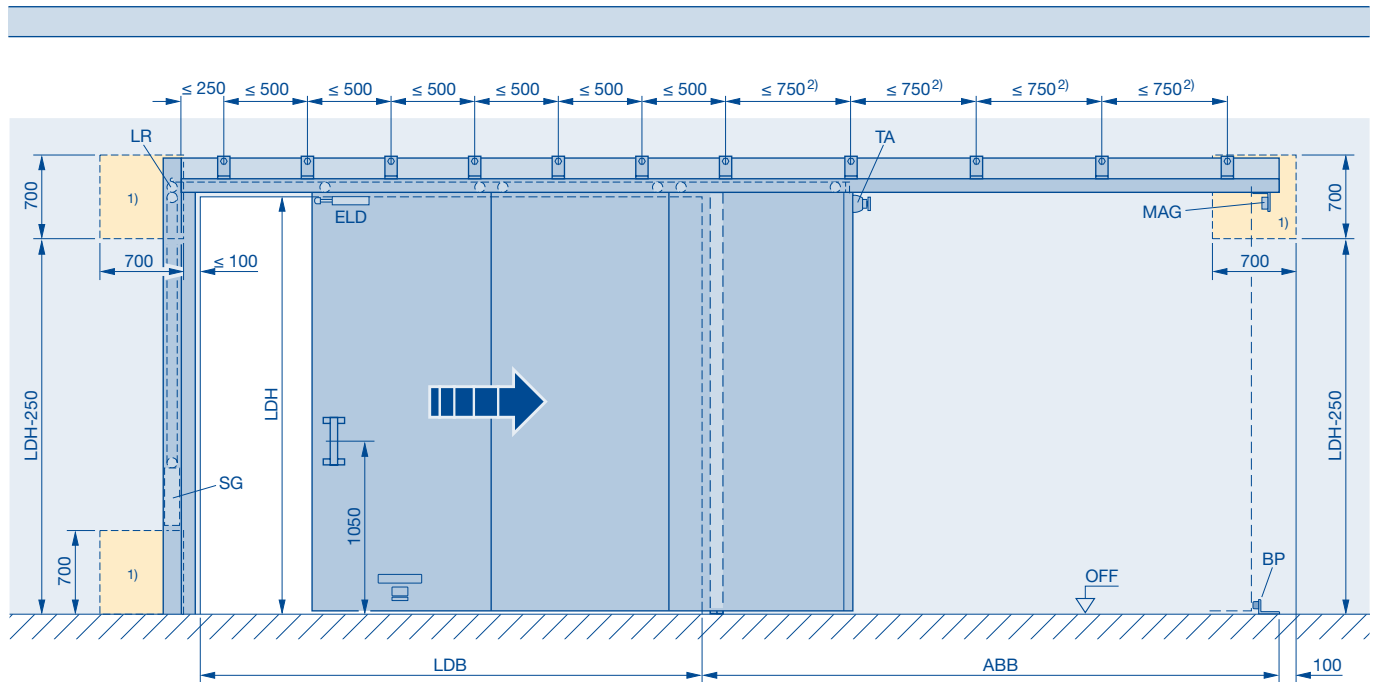
Notice:

For variants of multi-purpose sliding doors, the same fitting data applies but without consideration of weight boxes.

FST 30-1 OD / FST 90-1 OD

Normal guiding

Wall fitting



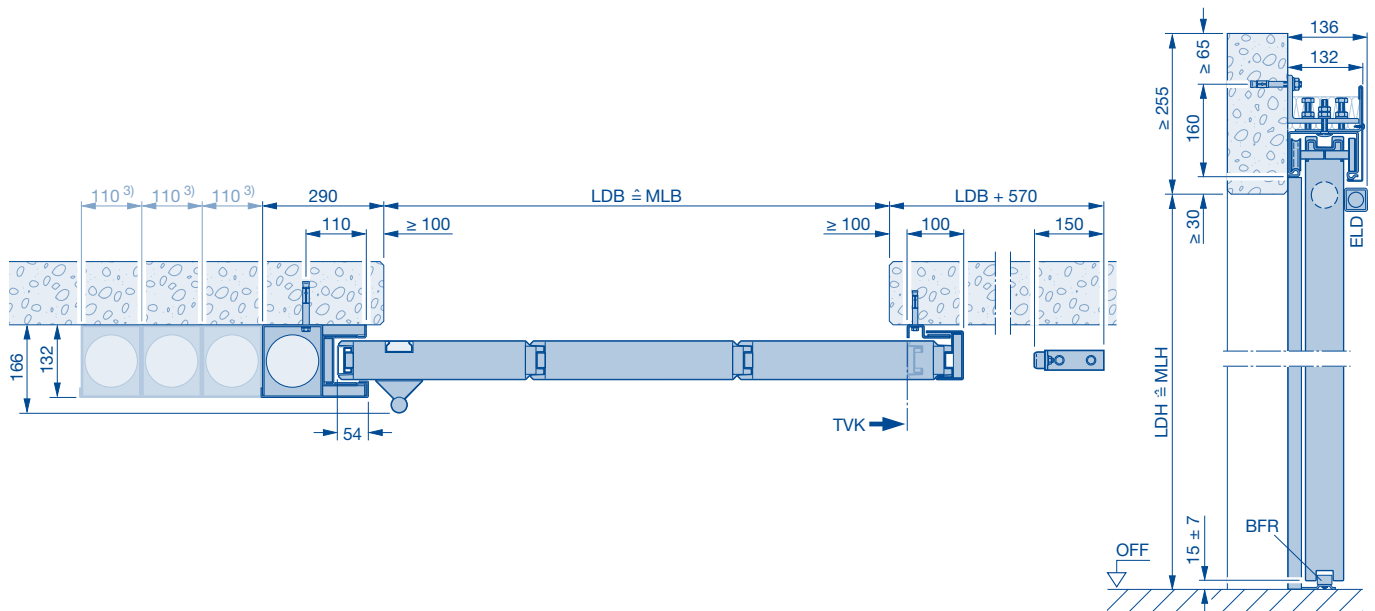
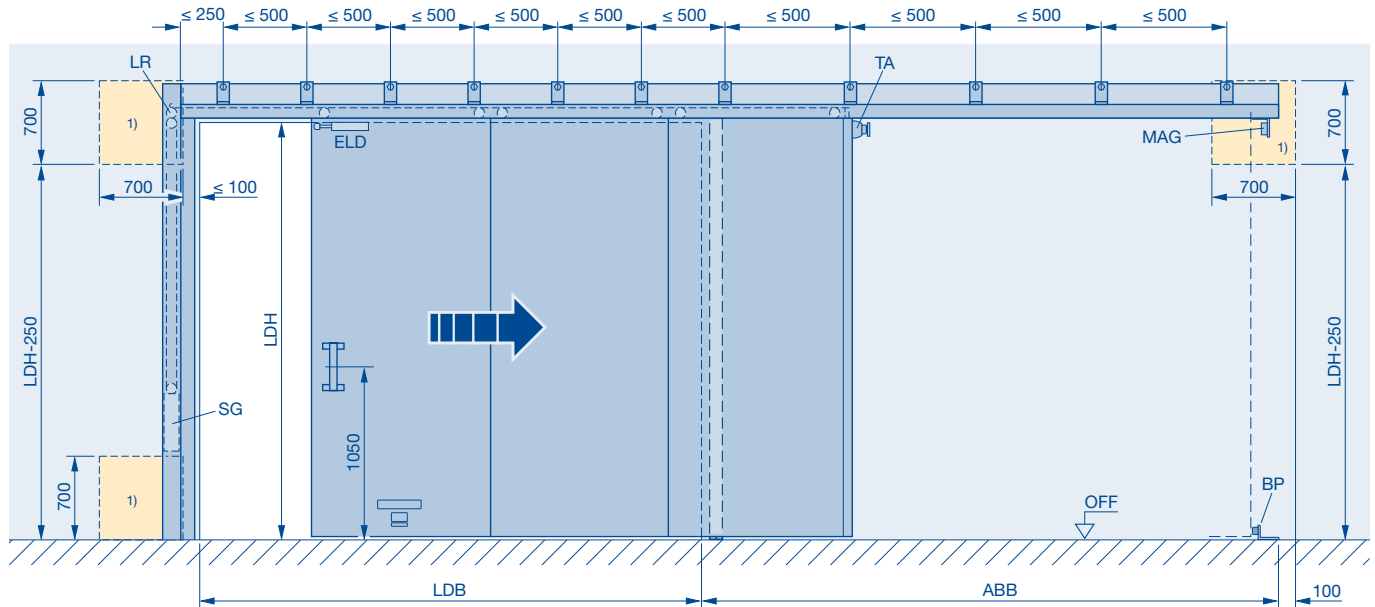
- 1) 700 x 700 mm inspection hole required with additional wall, 700 x 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
- 2) E_l20, LDB > 12000 or LDH > 7000 mm = 500 mm
E_l290, LDB > 4700 or LDH > 4720 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 4) With *Schnetz* opening aid + 380 mm
- 5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm
- 6) With inlet flap + 40 mm
- 7) With outlet flap + 40 mm
- 8) With ceiling flap + 45 mm, **12)** do not take into account
- 9) With compensator + 250 mm
- 10) E_l230, LDB > 8000 mm + 55 mm
E_l290, LDB > 4540 mm + 55 mm
E_l290, LDB > 8000 mm + 100 mm

- 11) With electric strike + 25 mm
 - 12) E_l230, E_l290, LDH > 5000 mm + 40 mm
- ABB** Parking area
BFR Floor guide roller
BP Floor buffer
ELD Travel limit damper
LR Track control
LDB Clear passage width
LDH Clear passage height
MAG 24 V DC magnet
MLB Structural opening width
MLH Structural opening height
OFF Finished floor level
SG Closing weight
TA Telescopic anchor
TVK Front edge of door in the open position

FST 120-1 OD

Normal guiding

Wall fitting



1) 700 x 700 mm inspection hole required with additional wall, 700 x 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm

- ABB** Parking area
- BFR** Floor guide roller
- BP** Floor buffer
- ELD** Travel limit damper
- LR** Track control
- LDB** Clear passage width
- LDH** Clear passage height
- MAG** 24 V DC magnet
- MLB** Structural opening width
- MLH** Structural opening height
- OFF** Finished floor level

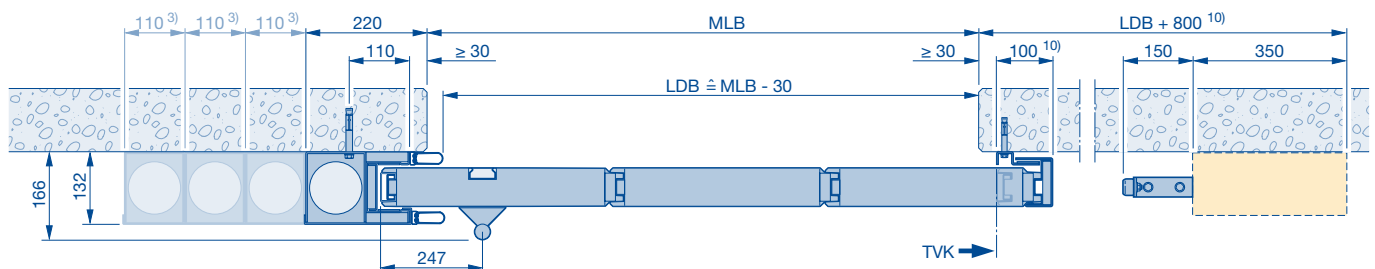
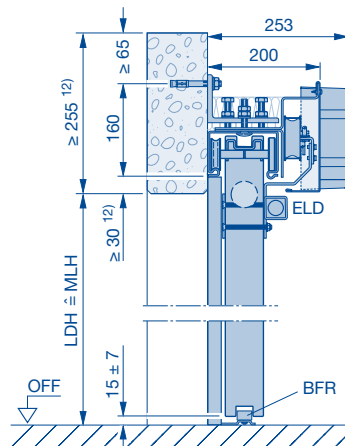
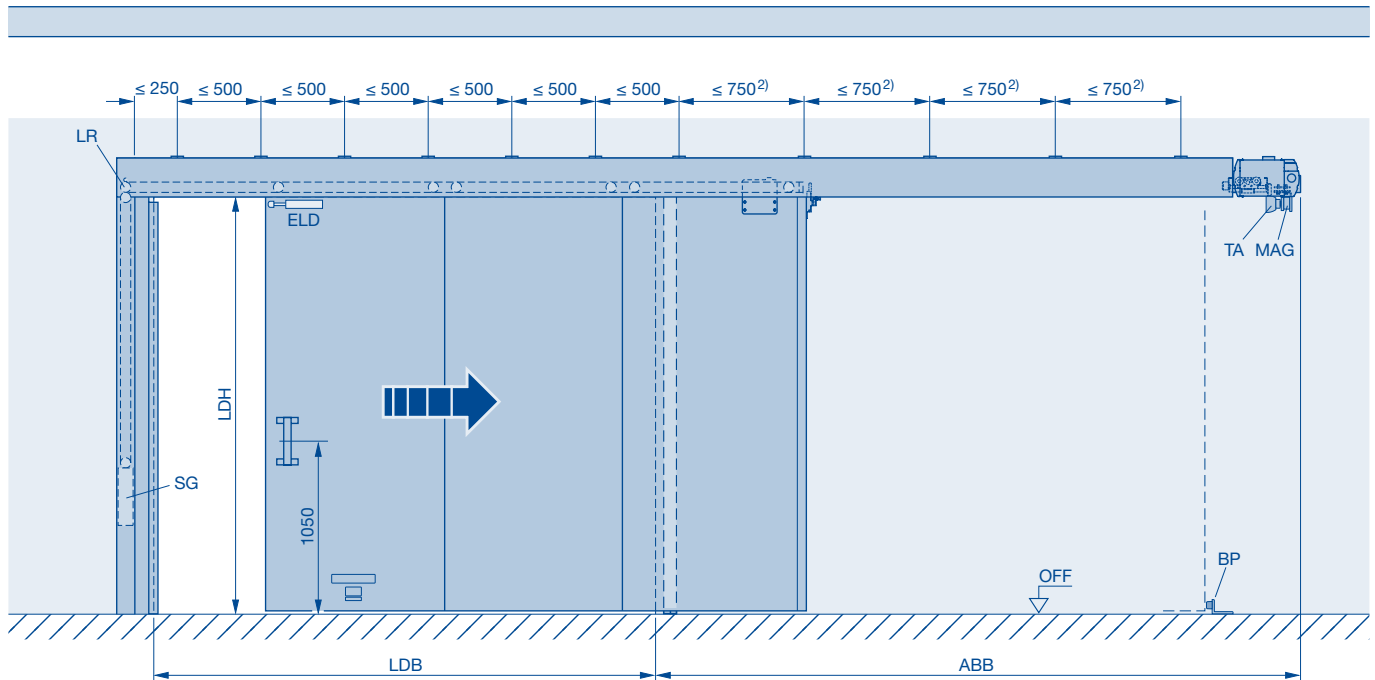
- SG** Closing weight
- TA** Telescopic anchor
- TVK** Front edge of door in the open position

FST 30-1 OD / FST 90-1 OD with operator SupraMatic

Max. door leaf weight 800 kg

Normal guiding

Wall fitting



Fitting a 22 mm high wicket door threshold is recommended for versions with wicket door due to the quick opening and closing movement.

- 2) E1₂30, LDB > 12000 or LDH > 7000 mm = 500 mm
- E1₂90, LDB > 4700 or LDH > 4720 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 10) E1₂30, LDB > 8000 mm + 55 mm
- E1₂90, LDB > 4540 mm + 55 mm
- E1₂90, LDB > 8000 mm + 100 mm
- 12) E1₂30, E1₂90, LDH > 5000 mm + 40 mm

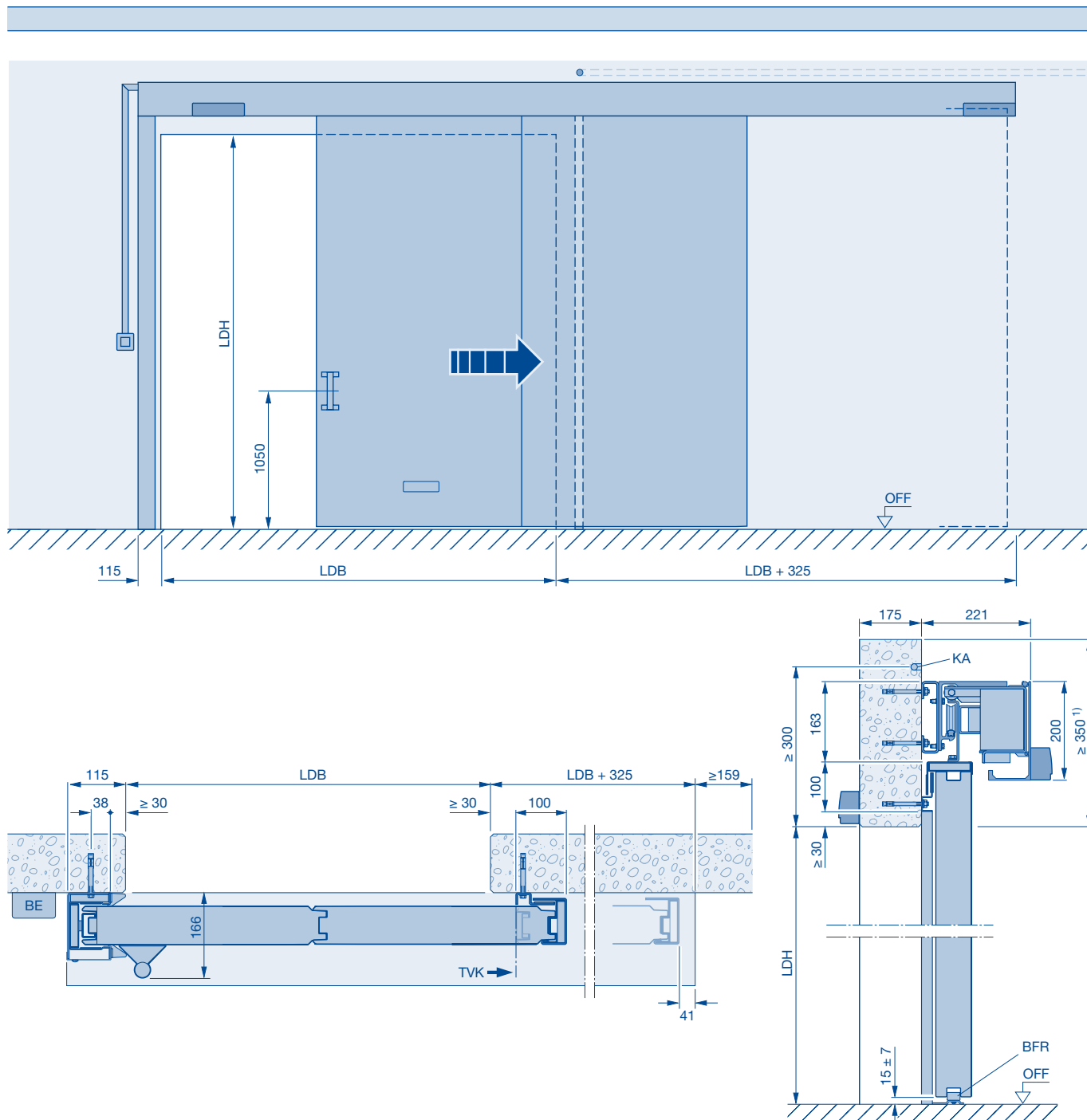
- ABB Parking area
- BFR Floor guide roller
- BP Floor buffer
- ELD Travel limit damper
- LR Track control

- LDB Clear passage width
- LDH Clear passage height
- MAG 24 V DC magnet
- MLB Structural opening width
- MLH Structural opening height
- OFF Finished floor level
- SG Closing weight
- TA Telescopic anchor
- TVK Front edge of door in the open position

FST-S 30-1 OD* / FST-S MZ-1 OD

Normal guiding

Wall fitting



* Not available with CE marking (status 04.2021)

Fitting a 22 mm high wicket door threshold is recommended for versions with wicket door due to the quick opening and closing movement.

1) Headroom minimum 350 mm to operator formwork opening

BE Control unit MCU 32

BFR Floor guide roller

KA Tube 230 V DC

LDB Clear passage width

LDH Clear passage height

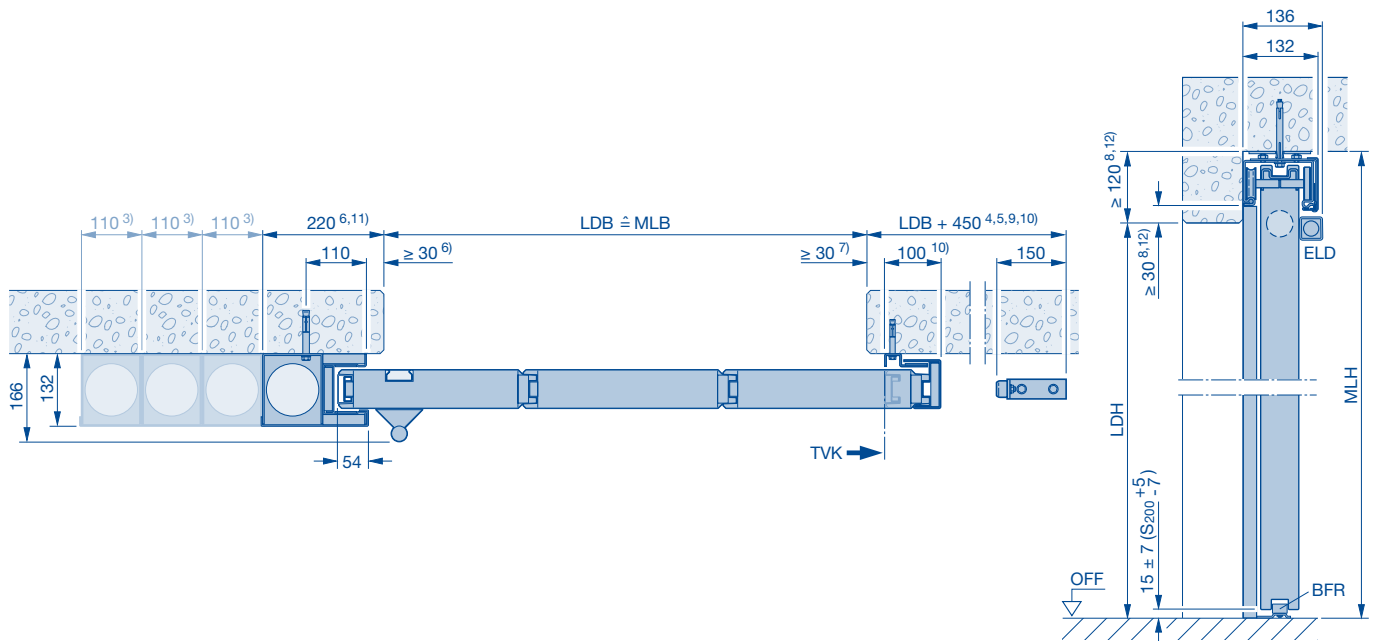
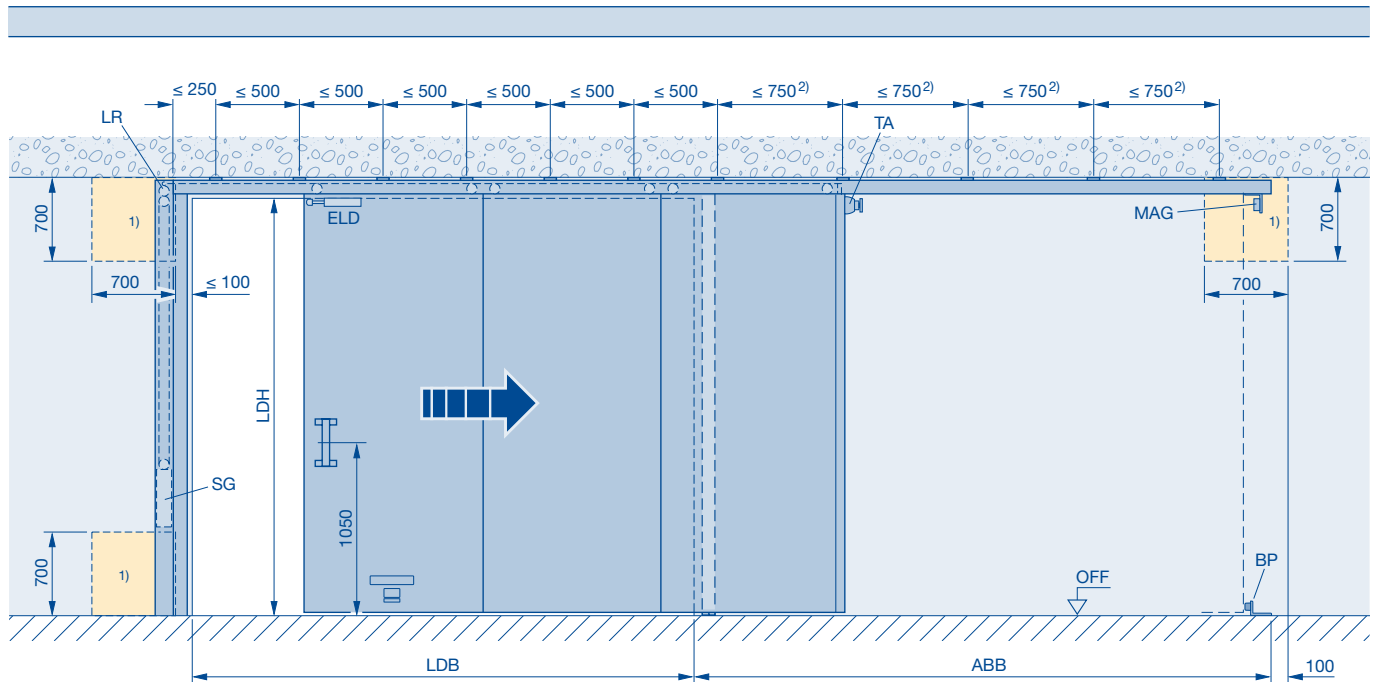
OFF Finished floor level

TVK Front edge of door in the open position

FST 30-1 OD / FST 90-1 OD

Normal guiding

Direct fitting to the ceiling



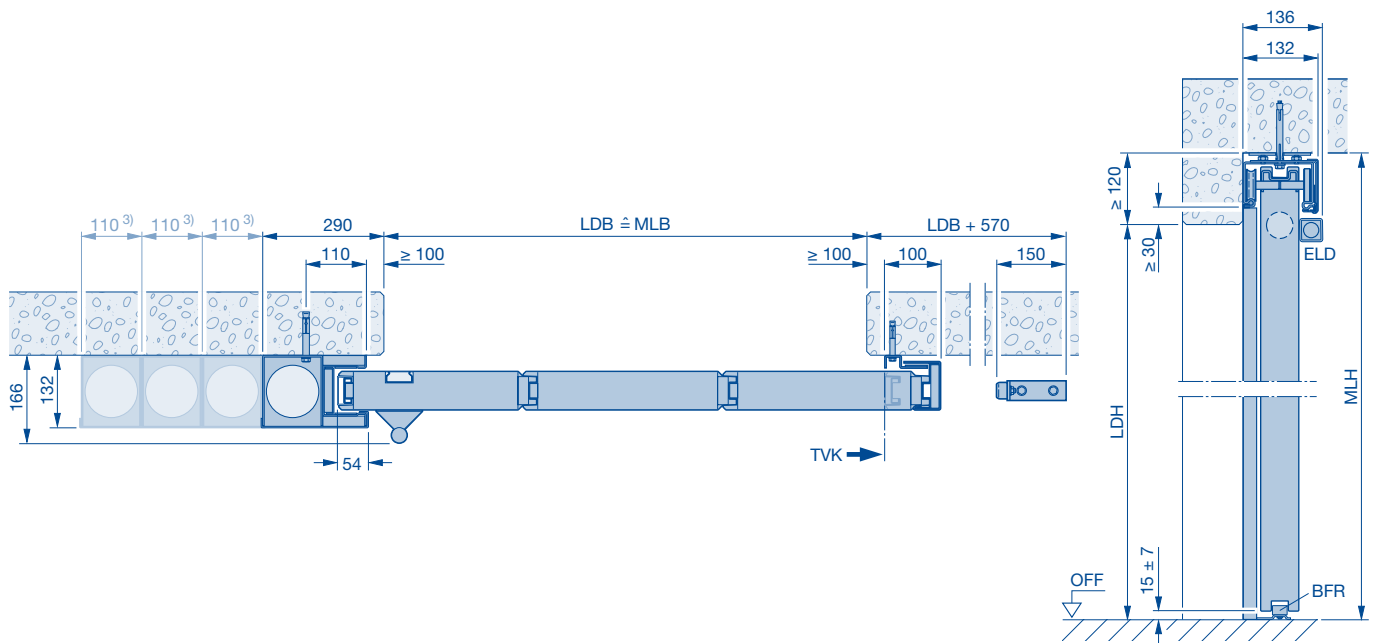
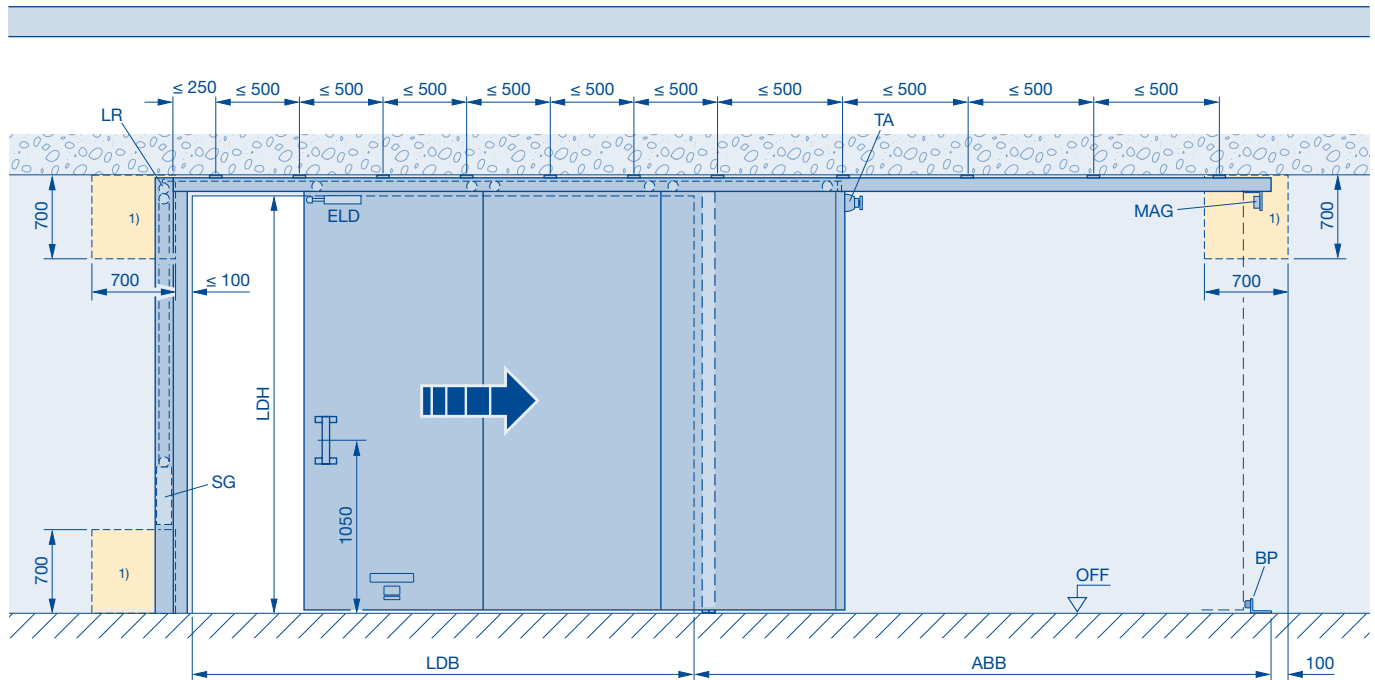
- 1) 500 × 500 mm inspection hole required with additional wall, 500 × 500 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
- 2) EI₂30, LDB > 12000 or LDH > 7000 mm = 500 mm
EI₂90, LDB > 4700 or LDH > 4720 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 4) With *Schnetz* opening aid + 380 mm
- 5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm
- 6) With inlet flap + 40 mm
- 7) With outlet flap + 40 mm
- 8) With ceiling flap + 45 mm, **12)** do not take into account
- 9) With compensator + 250 mm
- 10) EI₂30, LDB > 8000 mm + 55 mm
EI₂90, LDB > 4540 mm + 55 mm
EI₂90, LDB > 8000 mm + 100 mm

- 11) With electric strike + 25 mm
 - 12) EI₂30, EI₂90, LDH > 5000 mm + 40 mm
- ABB** Parking area
BFR Floor guide roller
BP Floor buffer
ELD Travel limit damper
LR Track control
LDB Clear passage width
LDH Clear passage height
MAG 24 V DC magnet
MLB Structural opening width
MLH Structural opening height
OFF Finished floor level
SG Closing weight
TA Telescopic anchor
TVK Front edge of door in the open position

FST 120-1 OD

Normal guiding

Direct fitting to the ceiling



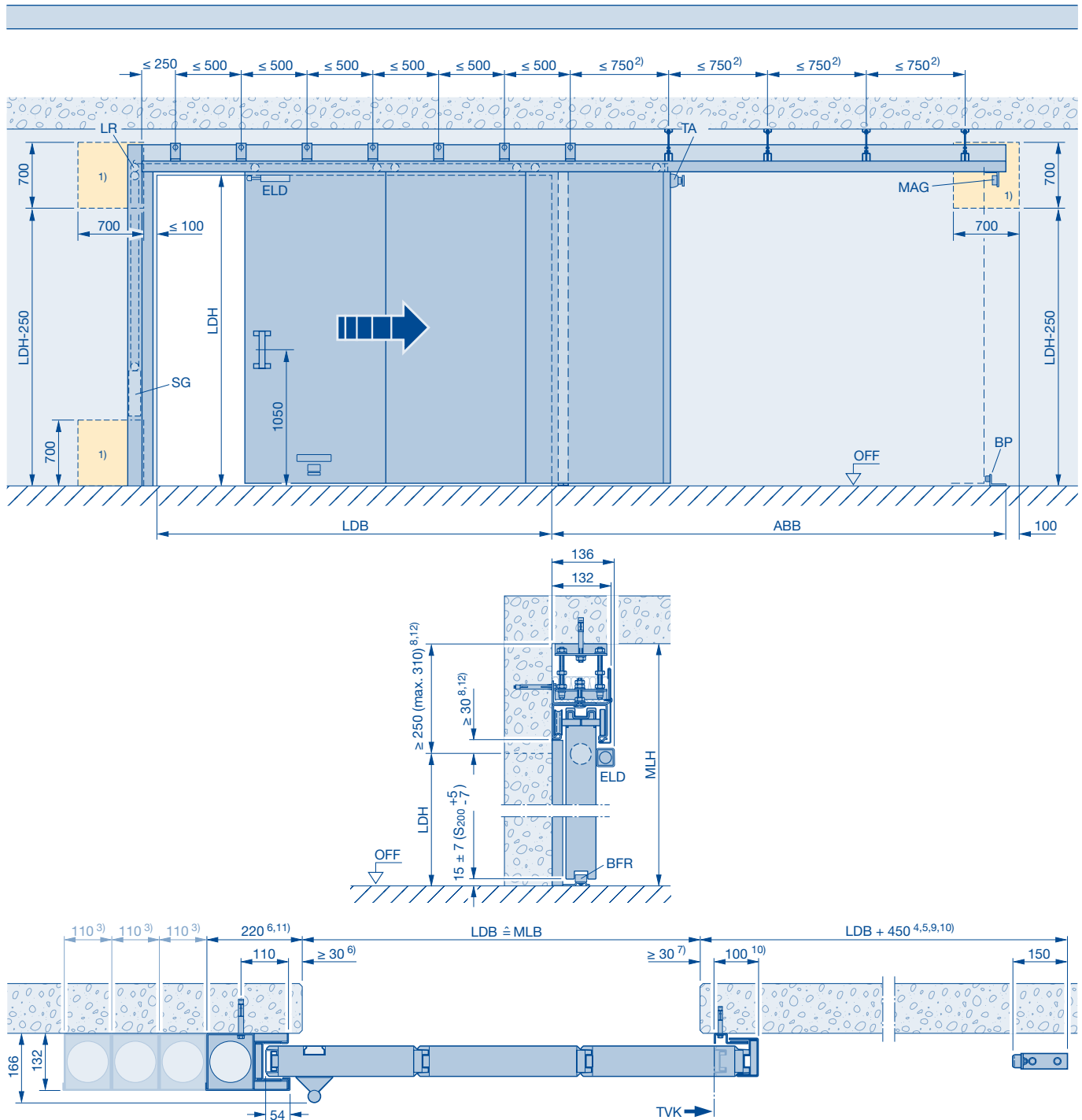
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- ABB** Parking area
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- BP** Floor buffer
- ELD** Travel limit damper
- LR** Track control
- LDB** Clear passage width
- LDH** Clear passage height
- MAG** 24 V DC magnet
- MLB** Structural opening width
- MLH** Structural opening height
- OFF** Finished floor level
- SG** Closing weight
- TA** Telescopic anchor
- TVK** Front edge of door in the open position

FST 30-1 OD / FST 90-1 OD

Normal guiding,

Suspended ceiling fitting in the opening area and / or parking area



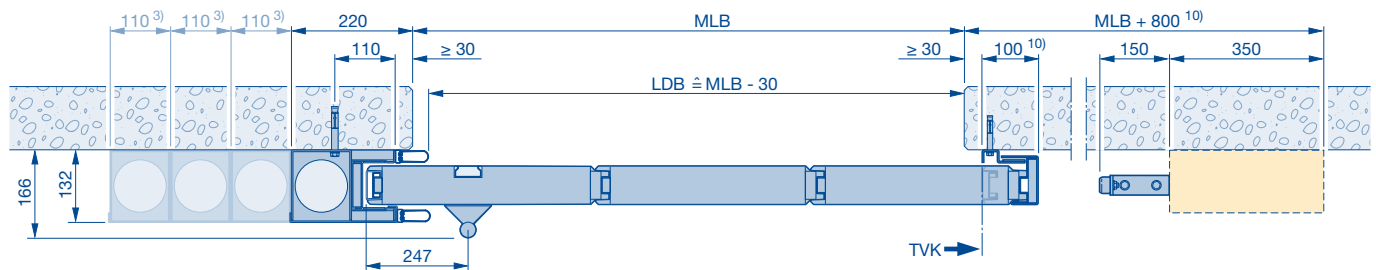
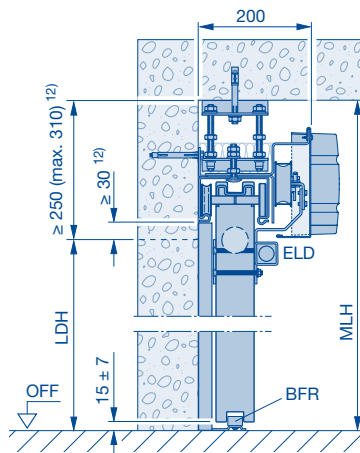
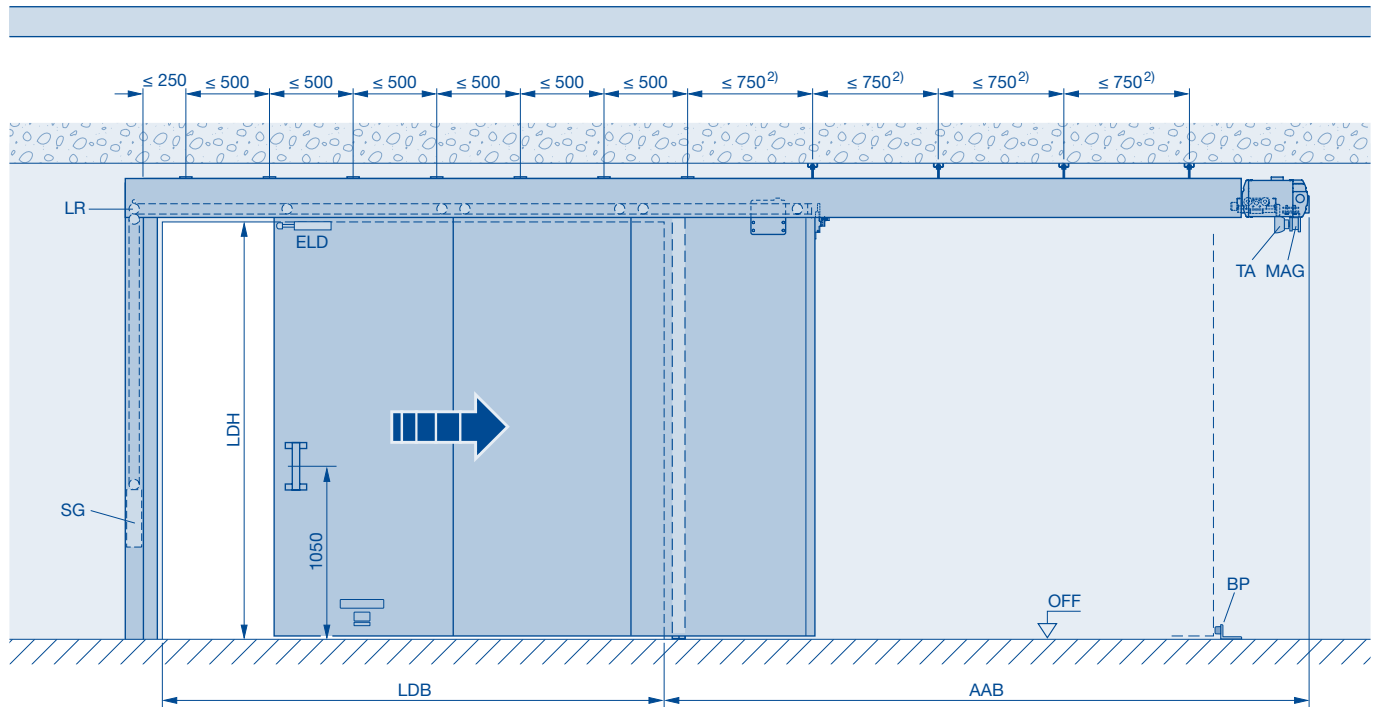
- | | |
|--|--|
| <p>1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm</p> <p>2) EI₂30, LDB > 12000 or LDH > 7000 mm = 500 mm
EI₂90, LDB > 4700 or LDH > 4720 mm = 500 mm</p> <p>3) Every additional weight box + 110 mm</p> <p>4) With <i>Schnetz</i> opening aid + 380 mm</p> <p>5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm</p> <p>6) With inlet flap + 40 mm</p> <p>7) With outlet flap + 40 mm</p> <p>8) With ceiling flap + 45 mm, 12) do not take into account</p> <p>9) With compensator + 250 mm</p> <p>10) EI₂30, LDB > 8000 mm + 55 mm
EI₂90, LDB > 4540 mm + 55 mm
EI₂90, LDB > 8000 mm + 100 mm</p> | <p>11) With electric strike + 25 mm</p> <p>12) + 40 mm, LDH > 5000 mm, FST 30 OD, FST 90 OD</p> <p>ABB Parking area</p> <p>BFR Floor guide roller</p> <p>BP Floor buffer</p> <p>ELD Travel limit damper</p> <p>LR Track control</p> <p>LDB Clear passage width</p> <p>LDH Clear passage height</p> <p>MAG 24 V DC magnet</p> <p>MLB Structural opening width</p> <p>MLH Structural opening height</p> <p>OFF Finished floor level</p> <p>SG Closing weight</p> <p>TA Telescopic anchor</p> <p>TVK Front edge of door in the open position</p> |
|--|--|

FST 30-1 OD / FST 90-1 OD with operator SupraMatic

Max. door leaf weight 800 kg

Normal guiding

Suspended ceiling fitting in the opening area and / or parking area



Fitting a 22 mm high wicket door threshold is recommended for versions with wicket door due to the quick opening and closing movement.

- 2) EI₂30, LDB > 12000 or LDH > 7000 mm = 500 mm
- EI₂90, LDB > 4700 or LDH > 4720 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 10) EI₂30, LDB > 8000 mm + 55 mm
- EI₂90, LDB > 4540 mm + 55 mm
- EI₂90, LDB > 8000 mm + 100 mm
- 12) EI₂30, EI₂90, LDH > 5000 mm + 40 mm

- ABB Parking area
- BFR Floor guide roller
- BP Floor buffer
- ELD Travel limit damper
- LR Track control

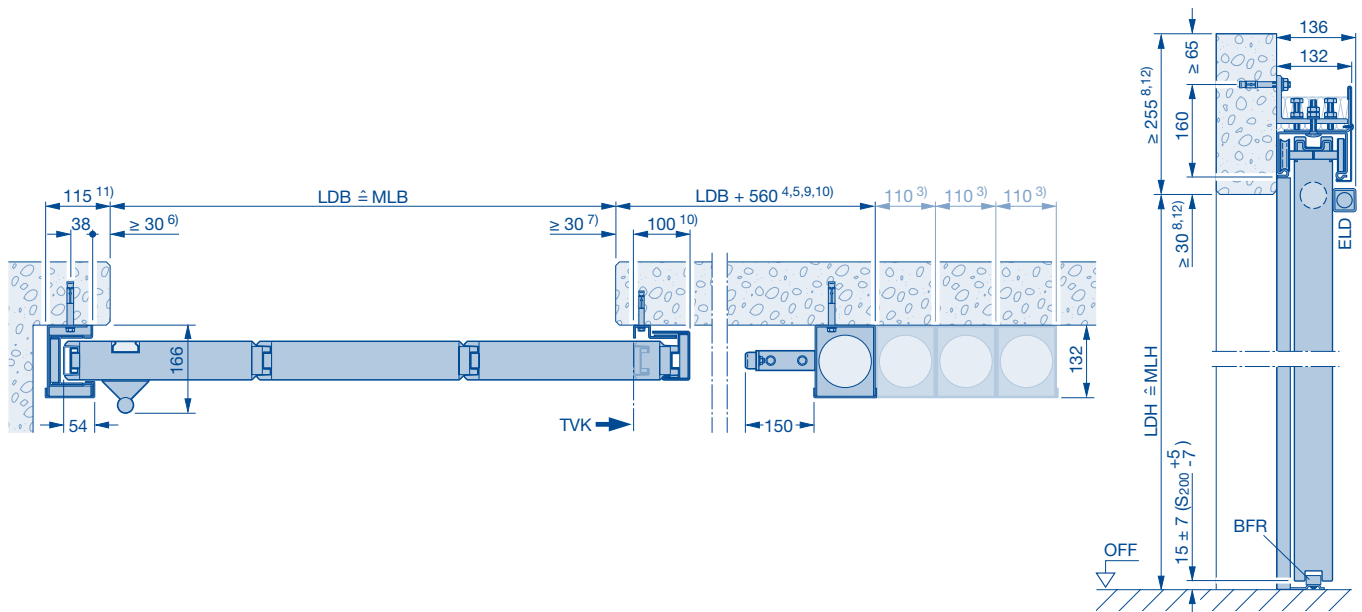
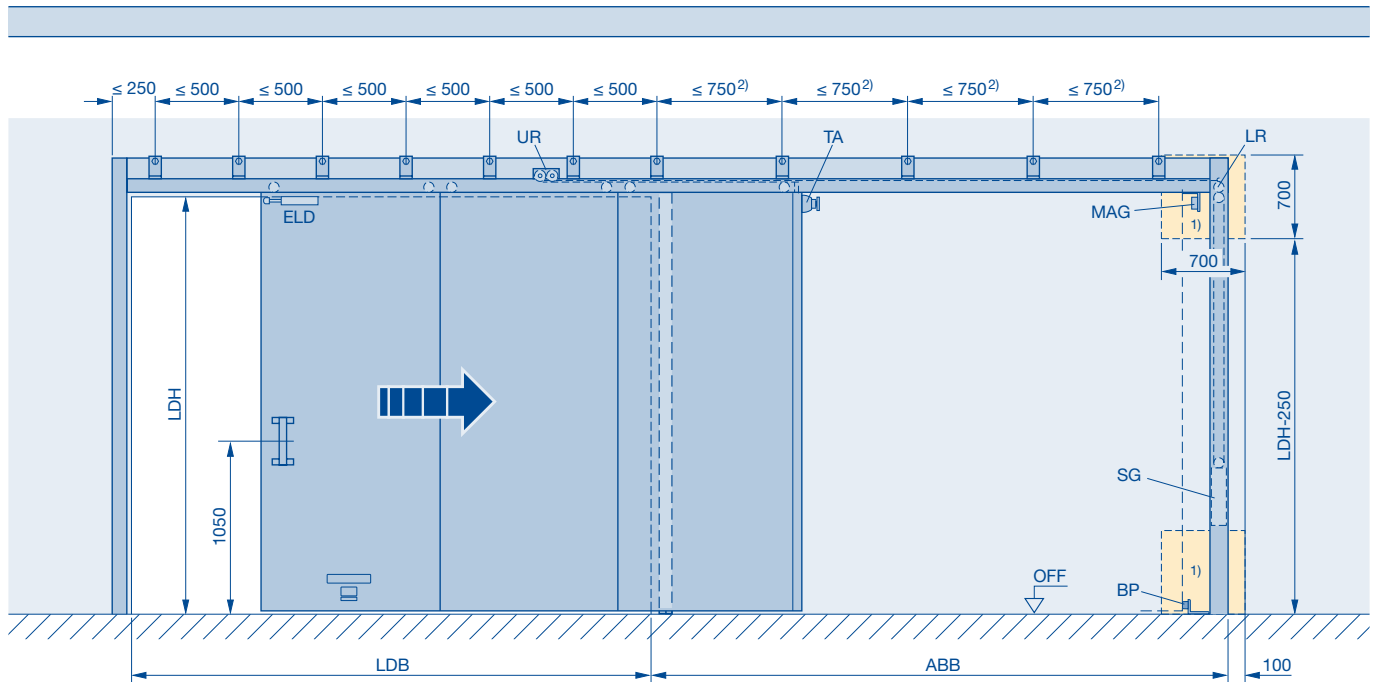
- LDB Clear passage width
- LDH Clear passage height
- MAG 24 V DC magnet
- MLB Structural opening width
- MLH Structural opening height
- OFF Finished floor level
- SG Closing weight
- TA Telescopic anchor
- TVK Front edge of door in the open position

FST 30-1 OD

Normal guiding

Weight diverted

Wall fitting



- 1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for each additional weight box + 110 mm
- 2) EI₂30, LDB > 12000 or LDH > 7000 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 4) With *Schnetz* opening aid + 380 mm
- 5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm
- 6) With inlet flap + 40 mm
- 7) With outlet flap + 40 mm
- 8) With ceiling flap + 45 mm, 12) do not take into account
- 9) With compensator + 250 mm
- 10) EI₂30, LDB > 8000 mm + 55 mm
- 12) EI₂30, LDH > 5000 mm + 40 mm
- 11) With electric strike + 25 mm

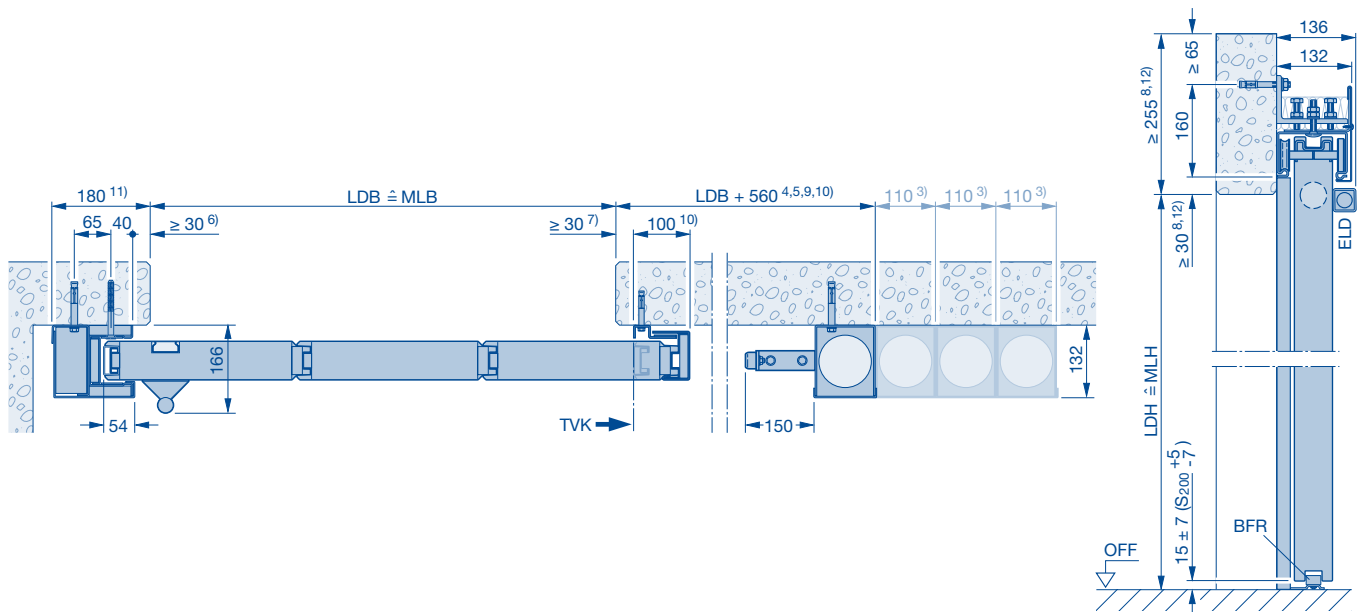
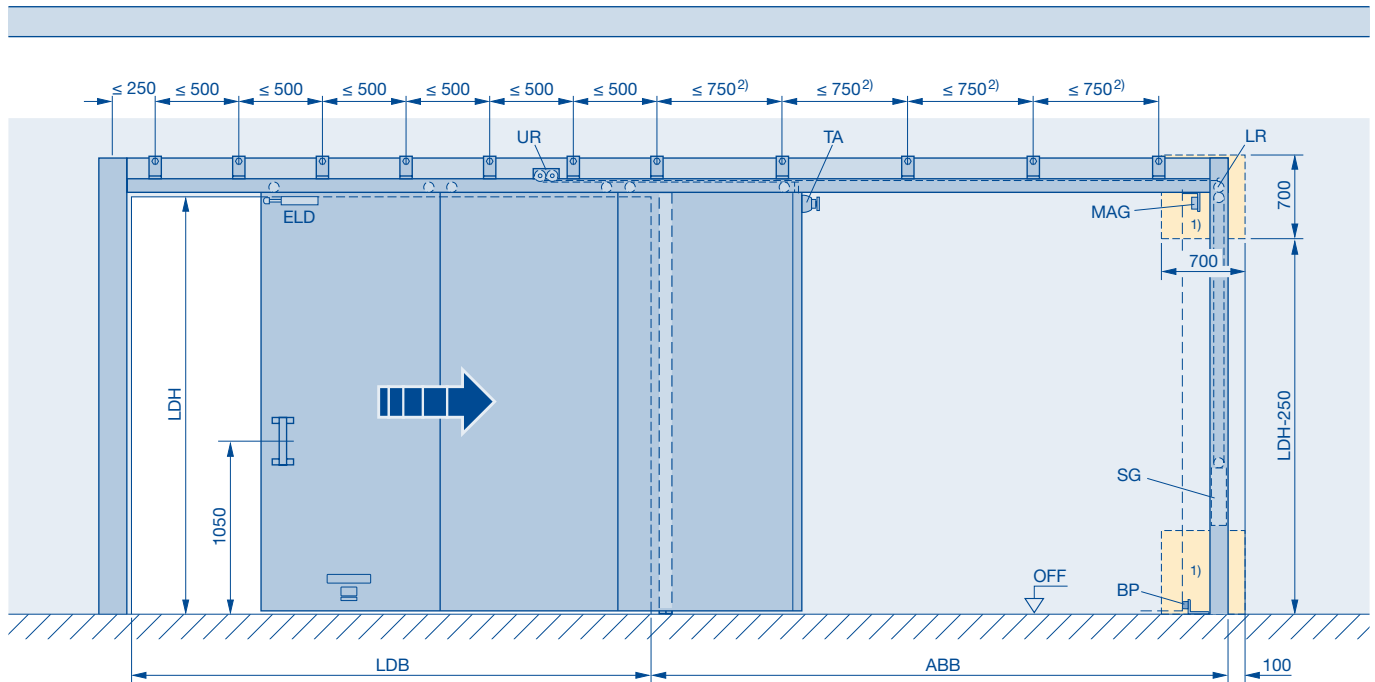
- ABB** Parking area
BFR Floor guide roller
BP Floor buffer
ELD Travel limit damper
LR Track control
LDB Clear passage width
LDH Clear passage height
MAG 24 V DC magnet
MLB Structural opening width
MLH Structural opening height
OFF Finished floor level
SG Closing weight
TA Telescopic anchor
TVK Front edge of door in the open position
UR Return pulley

FST 90-1 OD

Normal guiding

Weight diverted

Wall fitting



- 1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for each additional weight box + 110 mm
- 2) EI₂90, LDB > 4700 or LDH > 4720 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 4) With *Schnetz* opening aid + 380 mm
- 5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm
- 6) With inlet flap + 40 mm
- 7) With outlet flap + 40 mm
- 8) With ceiling flap + 45 mm, 12) do not take into account
- 9) With compensator + 250 mm
- 10) EI₂90, LDB > 4540 mm + 55 mm
EI₂90, LDB > 8000 mm + 100 mm
- 12) EI₂90, LDH > 5000 mm + 40 mm

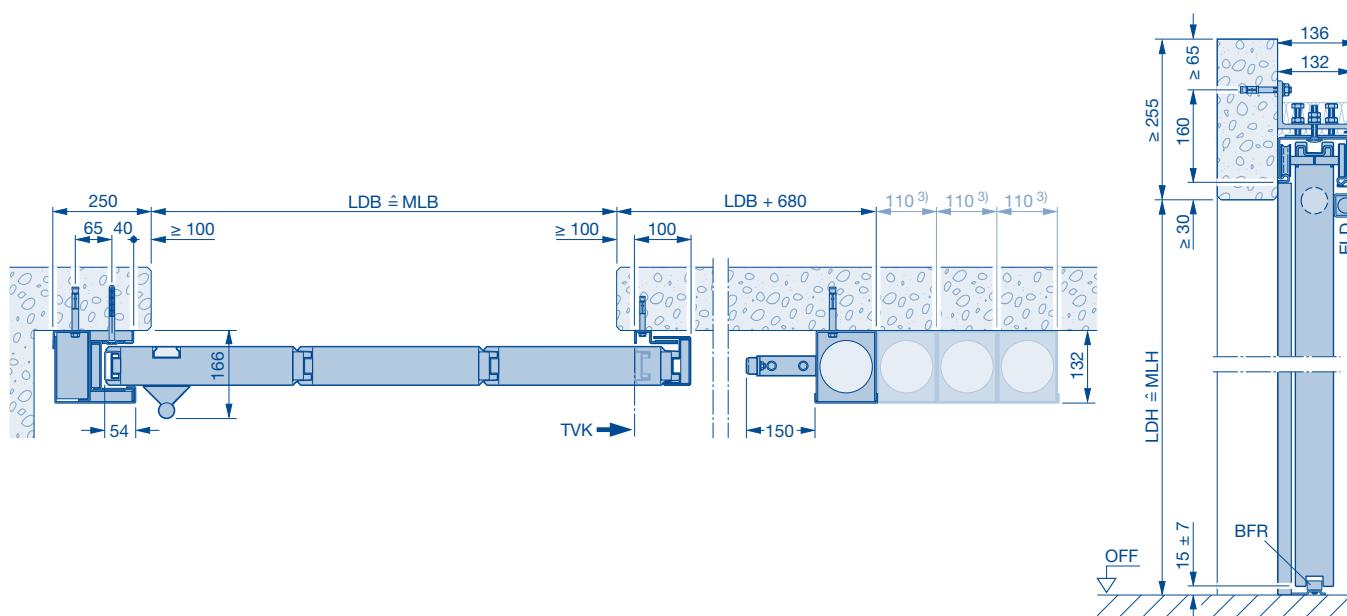
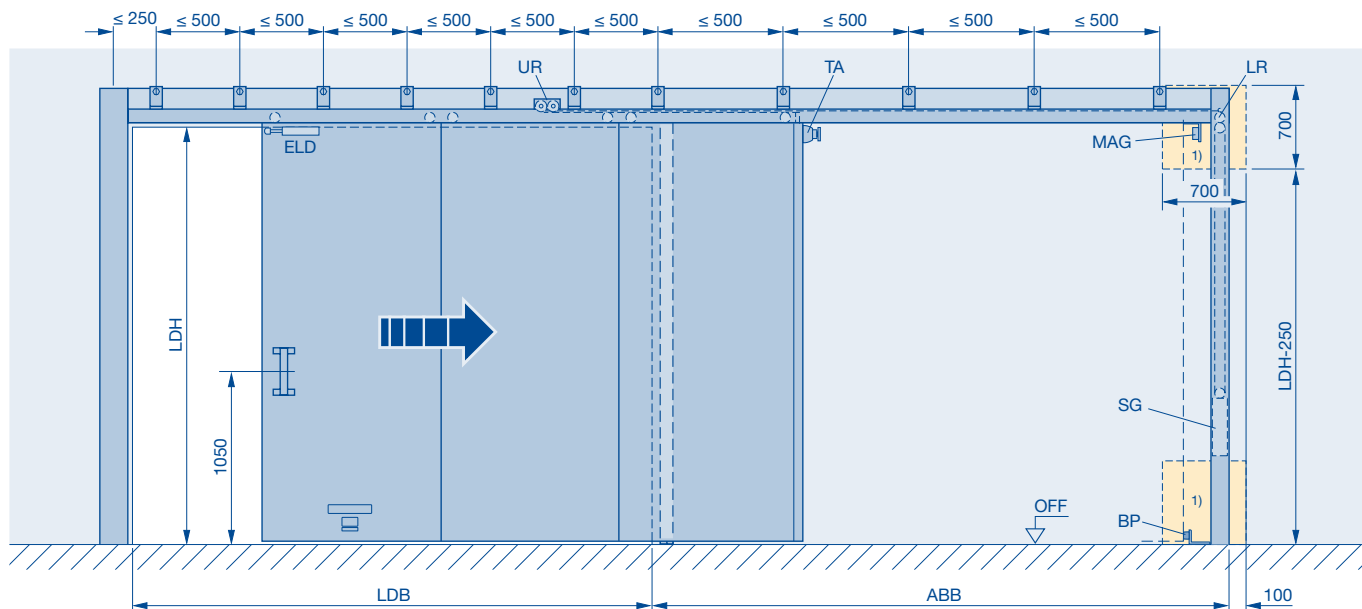
- ABB** Parking area
BFR Floor guide roller
BP Floor buffer
ELD Travel limit damper
LR Track control
LDB Clear passage width
LDH Clear passage height
MAG 24 V DC magnet
MLB Structural opening width
MLH Structural opening height
OFF Finished floor level
SG Closing weight
TA Telescopic anchor
TVK Front edge of door in the open position
UR Return pulley

FST 120-1 OD

Normal guiding

Weight diverted

Wall fitting



1) 700 x 700 mm inspection hole required with additional wall, 700 x 700 mm up to 3 weight boxes, inspection hole width for each additional weight box + 110 mm

ABB Parking area
BFR Floor guide roller
BP Floor buffer
ELD Travel limit damper
LR Track control
LDB Clear passage width
LDH Clear passage height
MAG 24 V DC magnet
MLB Structural opening width
MLH Structural opening height

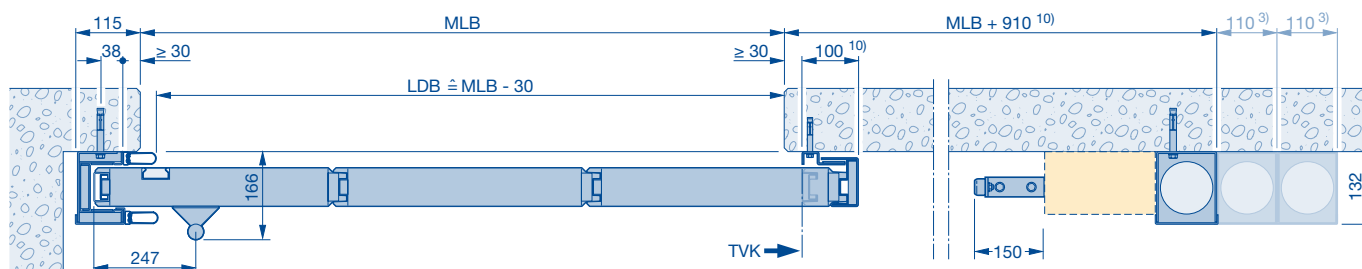
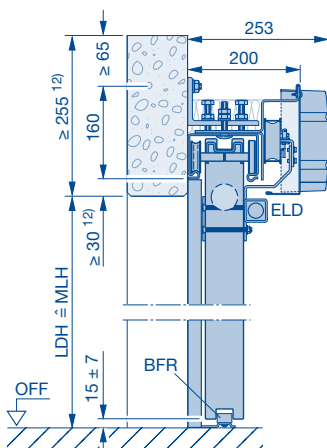
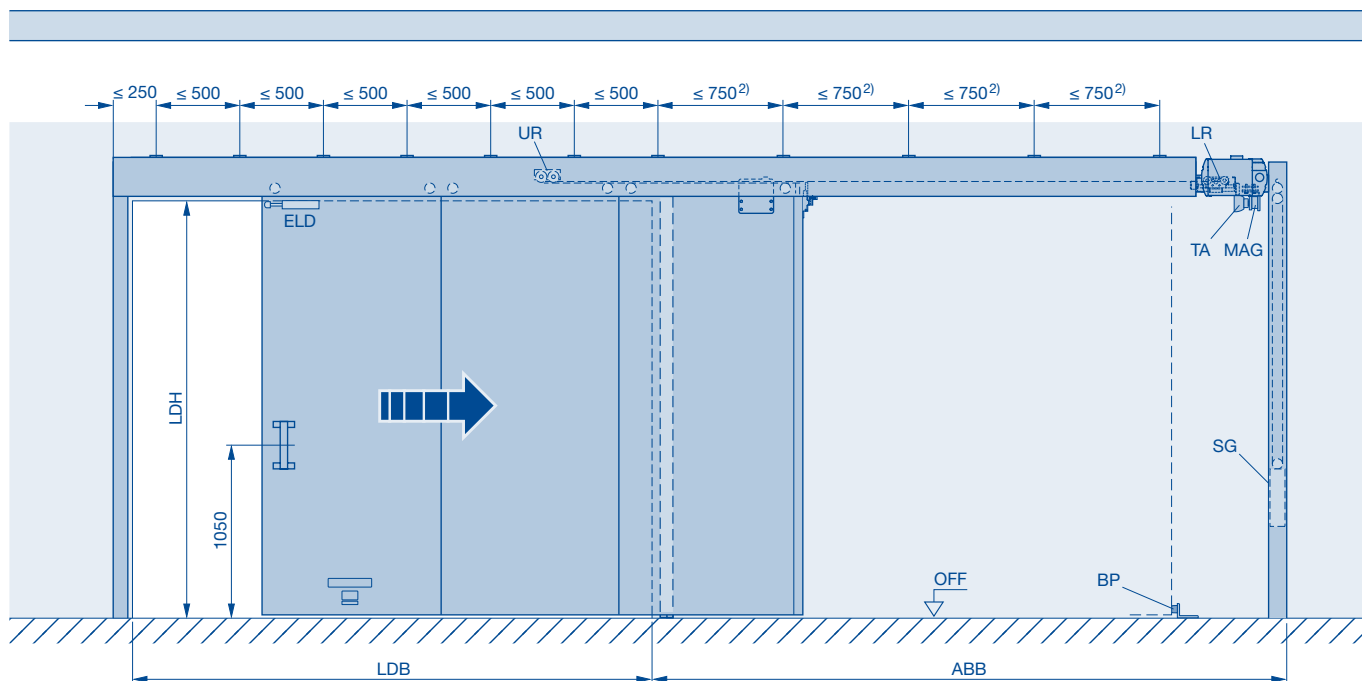
OFF Finished floor level
SG Closing weight
TA Telescopic anchor
TVK Front edge of door in the open position
UR Return pulley

FST 30-1 OD with operator SupraMatic

Max. door leaf weight 800 kg

Normal guiding

Weight diverted, wall fitting



Fitting a 22 mm high wicket door threshold is recommended for versions with wicket door due to the quick opening and closing movement.

2) El₂30, LDB > 12000 or LDH > 7000 mm = 500 mm

3) Every additional weight box + 110 mm

10) El₂30, LDB > 8000 mm + 55 mm

12) El₂30, LDH > 5000 mm + 40 mm

ABB Parking area

BFR Floor guide roller

BP Floor buffer

ELD Travel limit damper

LR Track control

LDB Clear passage width

LDH Clear passage height

MAG 24 V DC magnet

MLB Structural opening width

MLH Structural opening height

OFF Finished floor level

SG Closing weight

TA Telescopic anchor

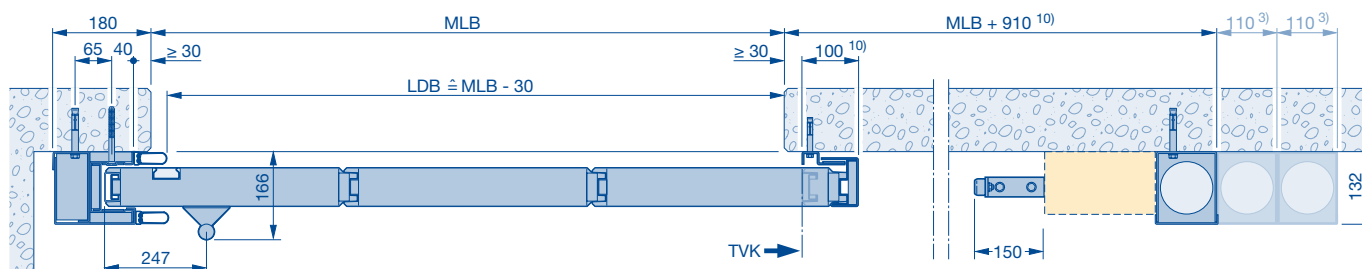
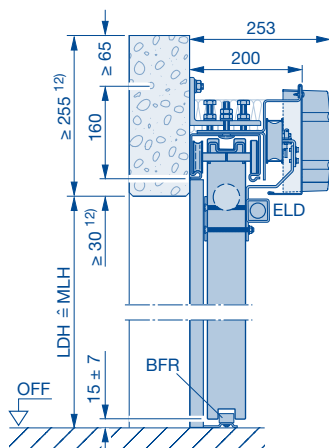
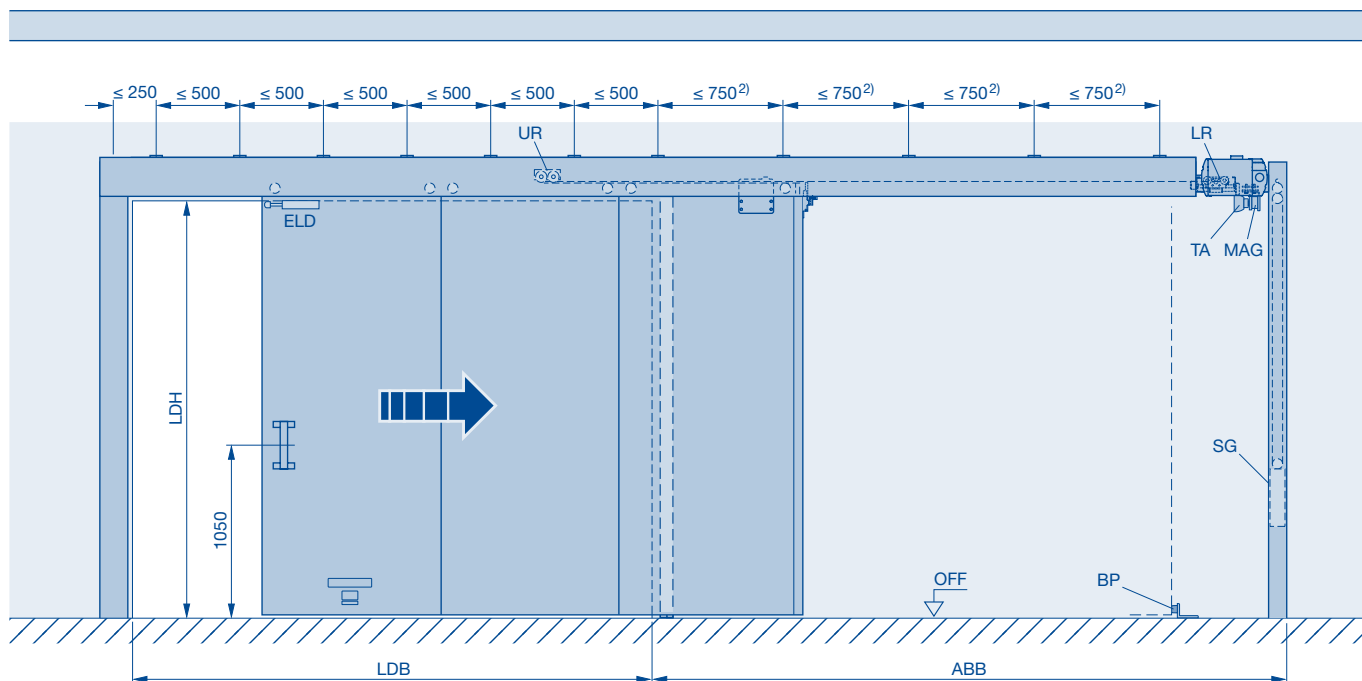
TVK Front edge of door in the open position

FST 90-1 OD with operator SupraMatic

Max. door leaf weight 800 kg

Normal guiding

Weight diverted, wall fitting



Fitting a 22 mm high wicket door threshold is recommended for versions with wicket door due to the quick opening and closing movement.

2) E1290, LDB > 4700 or LDH > 4720 mm = 500 mm

3) Every additional weight box + 110 mm

10) E1290, LDB > 4540 mm + 55 mm

E1290, LDB > 8000 mm + 100 mm

12) E1290, LDH > 5000 mm + 40 mm

ABB Parking area

BFR Floor guide roller

BP Floor buffer

ELD Travel limit damper

LR Track control

LDB Clear passage width

LDH Clear passage height

MAG 24 V DC magnet

MLB Structural opening width

MLH Structural opening height

OFF Finished floor level

SG Closing weight

TA Telescopic anchor

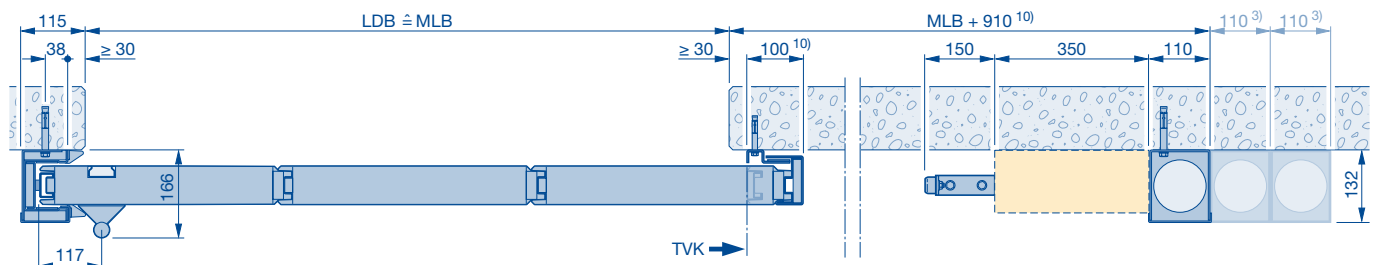
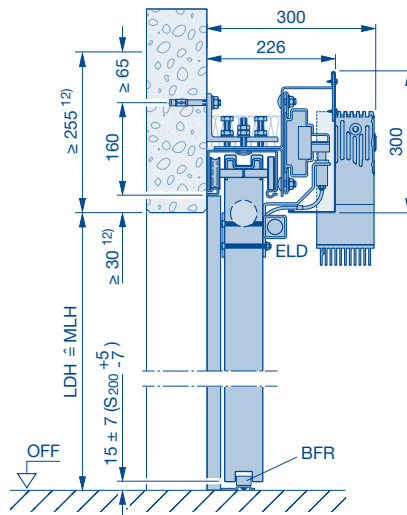
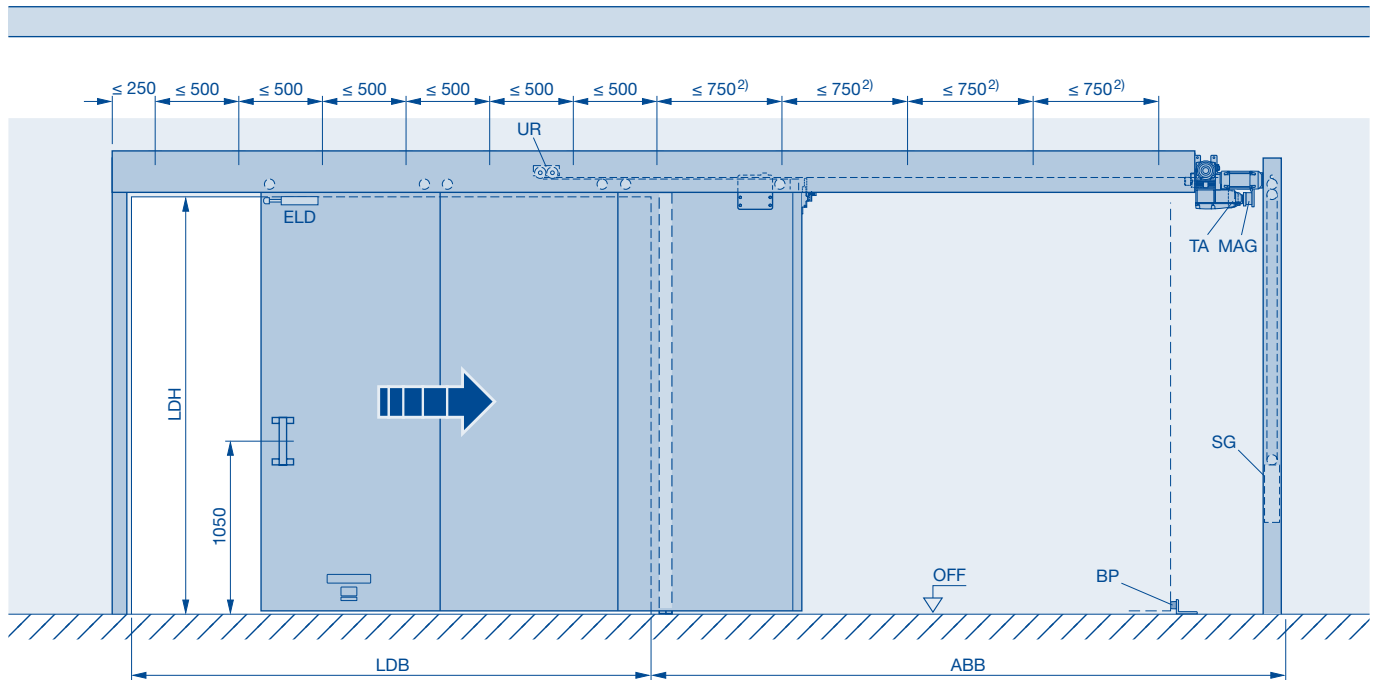
TVK Front edge of door in the open position

FST 30-1 OD with operator ITO 400

Max. door leaf weight 2500 kg

Normal guiding

Weight diverted, wall fitting



2) El₂30, LDB > 12000 or LDH > 7000 mm = 500 mm

3) Every additional weight box + 110 mm

10) El₂30, LDB > 8000 mm + 55 mm

12) El₂30, LDH > 5000 mm + 40 mm

ABB Parking area

BFR Floor guide roller

BP Floor buffer

ELD Travel limit damper

LR Track control

LDB Clear passage width

LDH Clear passage height

MAG 24 V DC magnet

MLB Structural opening width

MLH Structural opening height

OFF Finished floor level

SG Closing weight

TA Telescopic anchor

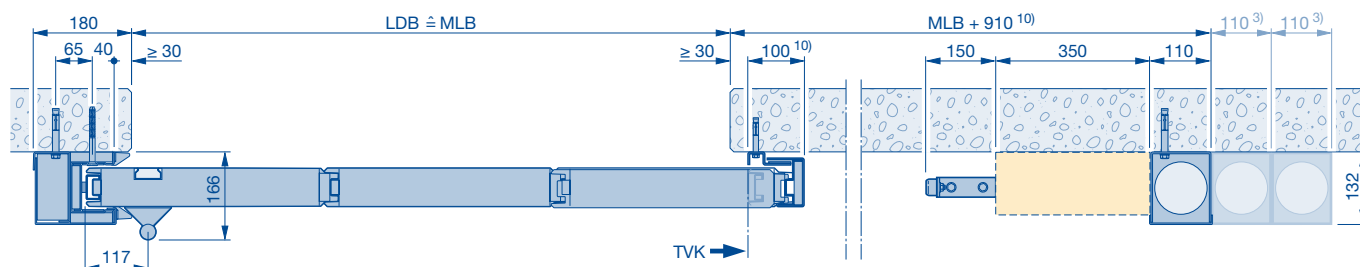
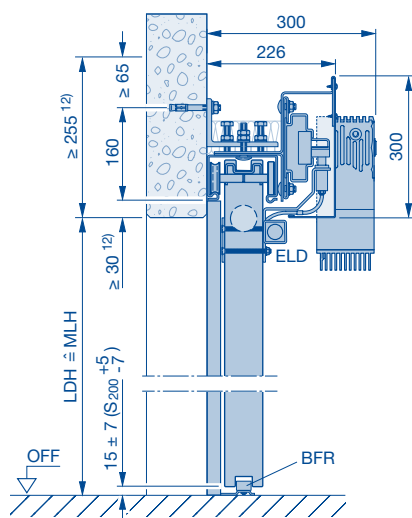
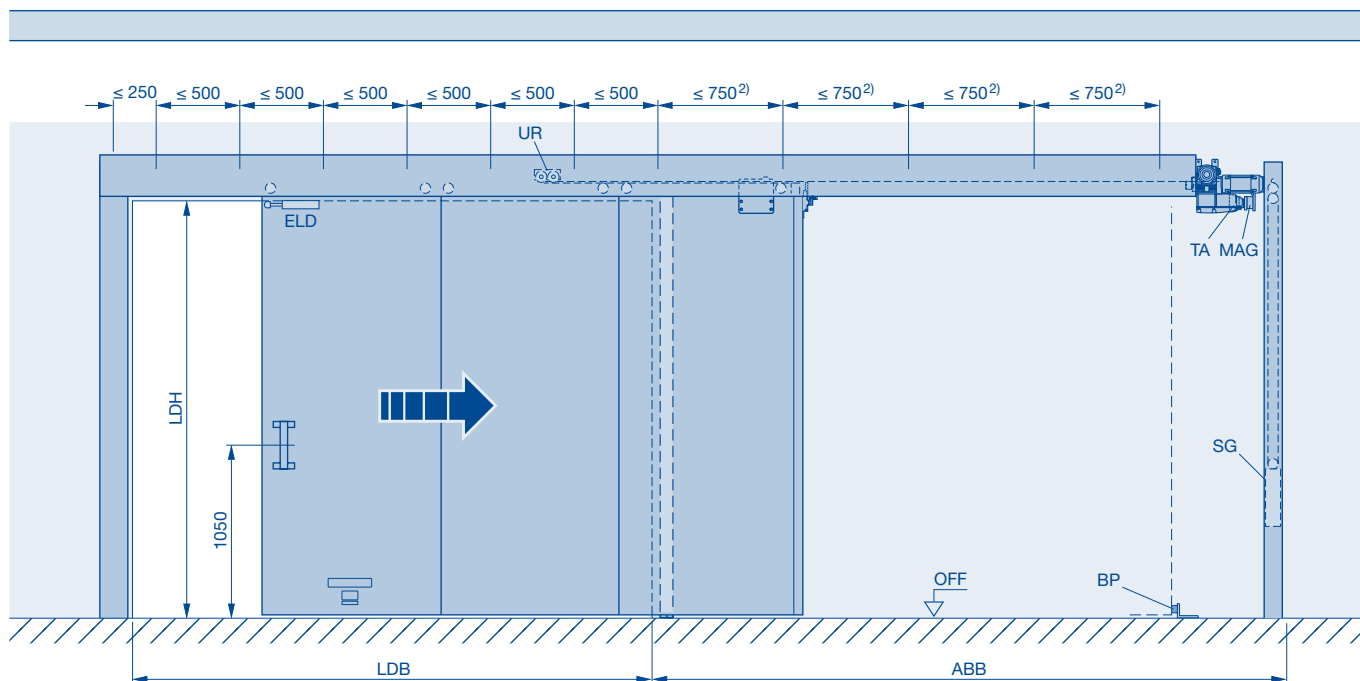
TVK Front edge of door in the open position

FST 90-1 OD with operator ITO 400

Max. door leaf weight 2500 kg

Normal guiding

Weight diverted, wall fitting



2) E_{I_290} , $LDB > 4700$ or $LDH > 4720$ mm = 500 mm

3) Every additional weight box + 110 mm

10) E_{I_290} , $LDB > 4540$ mm + 55 mm

E_{I_290} , $LDB > 8000$ mm + 100 mm

E_{I_290} , $LDH > 5000$ mm + 40 mm

ABB Parking area

BFR Floor guide roller

BP Floor buffer

ELD Travel limit damper

LR Track control

LDB Clear passage width

LDH Clear passage height

MAG 24 V DC magnet

MLB Structural opening width

MLH Structural opening height

OFF Finished floor level

SG Closing weight

TA Telescopic anchor

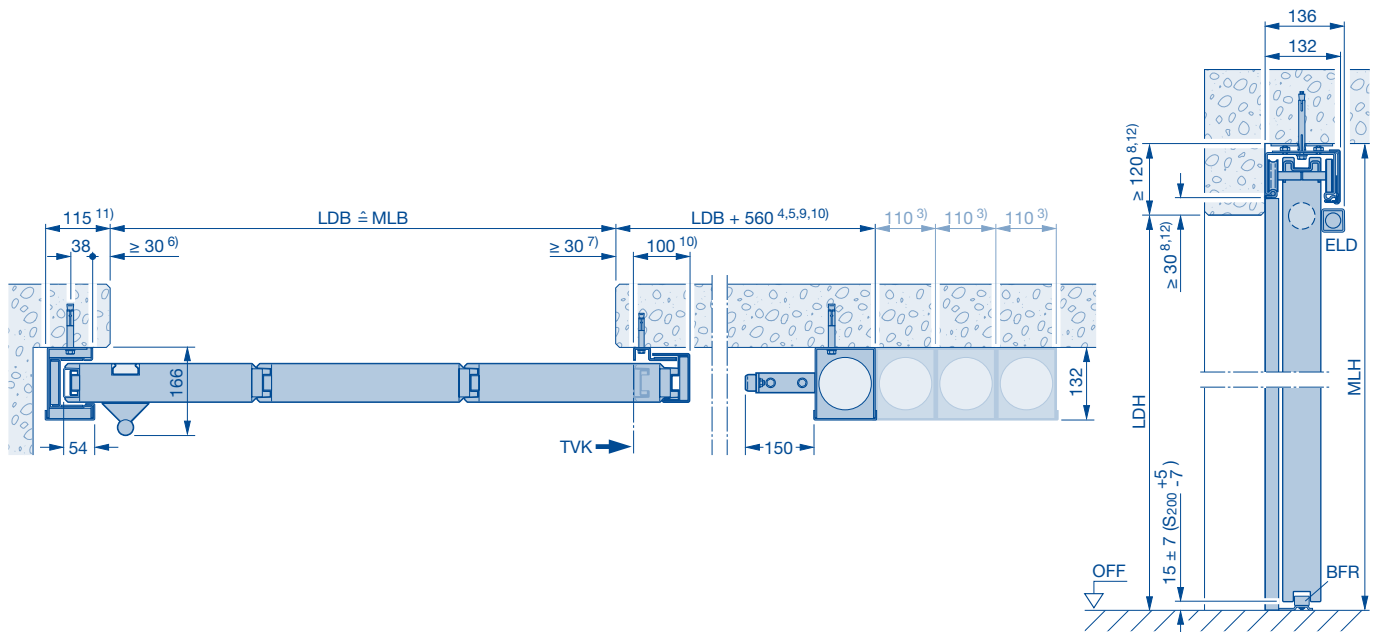
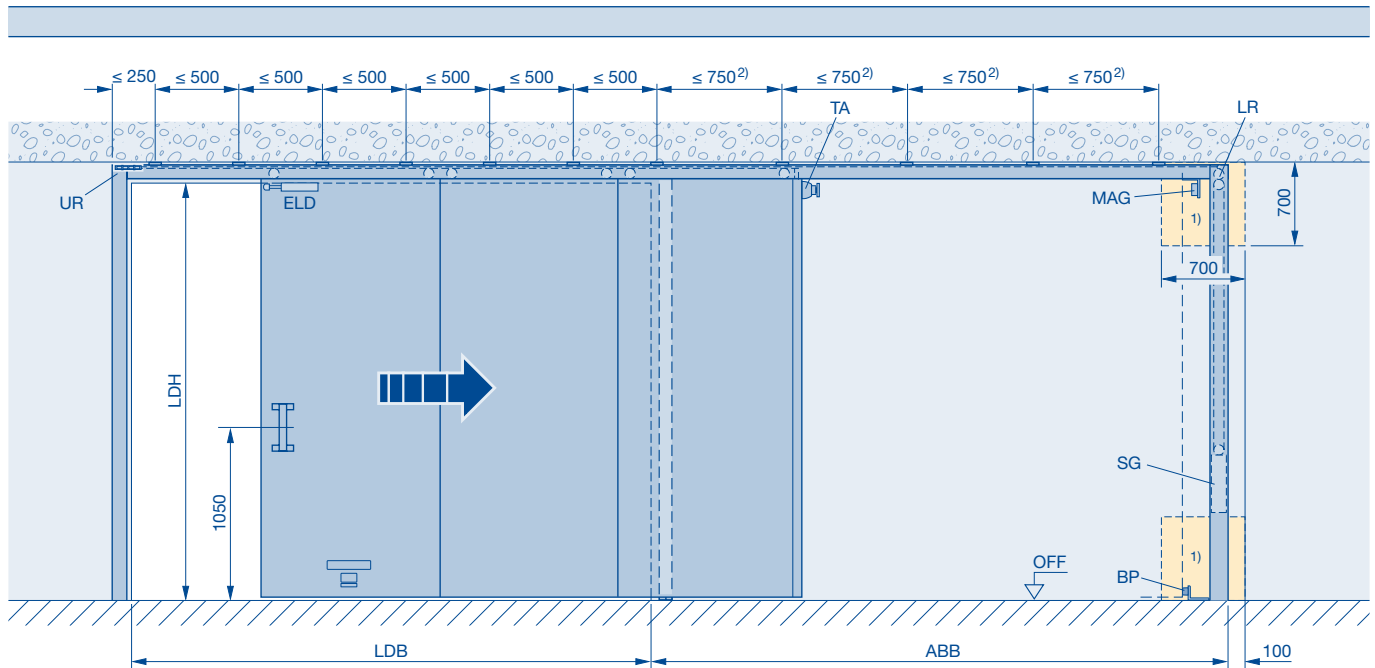
TVK Front edge of door in the open position

FST 30-1 OD

Normal guiding

Weight diverted

Direct fitting to the ceiling



- 1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
- 2) E_{l2}30, LDB > 12000 or LDH > 7000 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 4) With *Schnetz* opening aid + 380 mm
- 5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm
- 6) With inlet flap + 40 mm
- 7) With outlet flap + 40 mm
- 8) With ceiling flap + 45 mm, 12) do not take into account
- 9) With compensator + 250 mm
- 10) E_{l2}30, LDB > 8000 mm + 55 mm
- 11) E_{l2}30, LDH > 5000 mm + 40 mm
- 11) With electric strike + 25 mm

ABB Parking area
BFR Floor guide roller

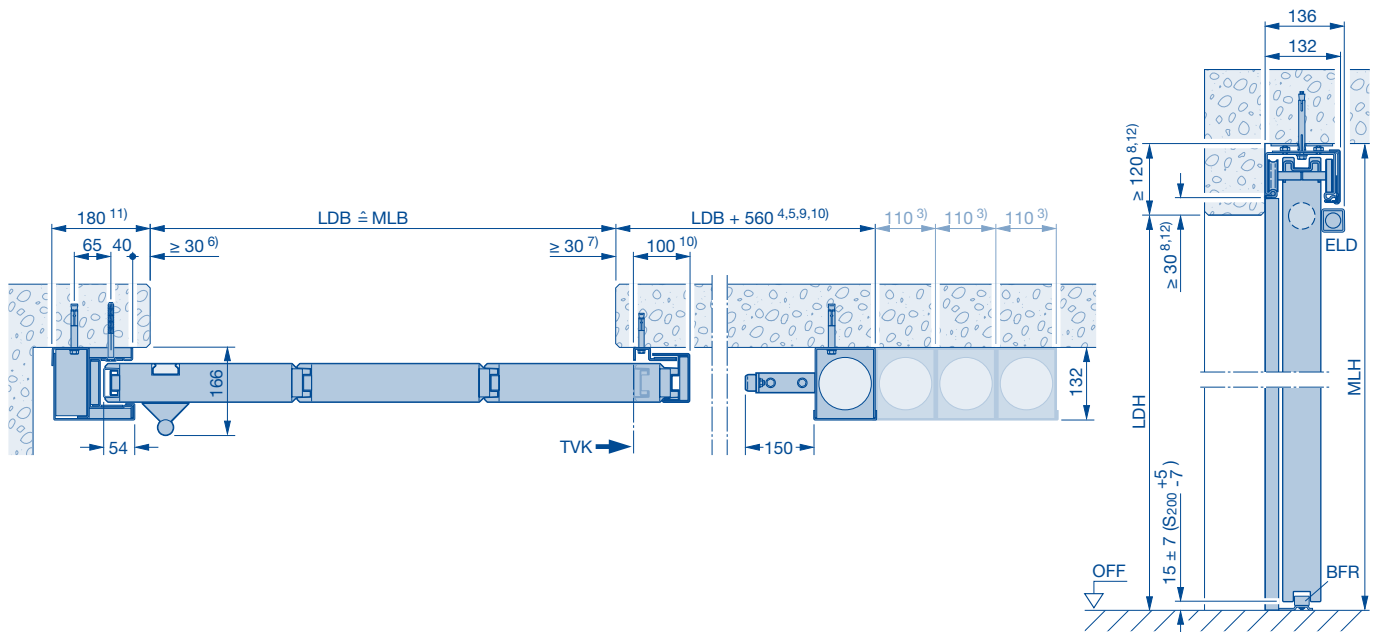
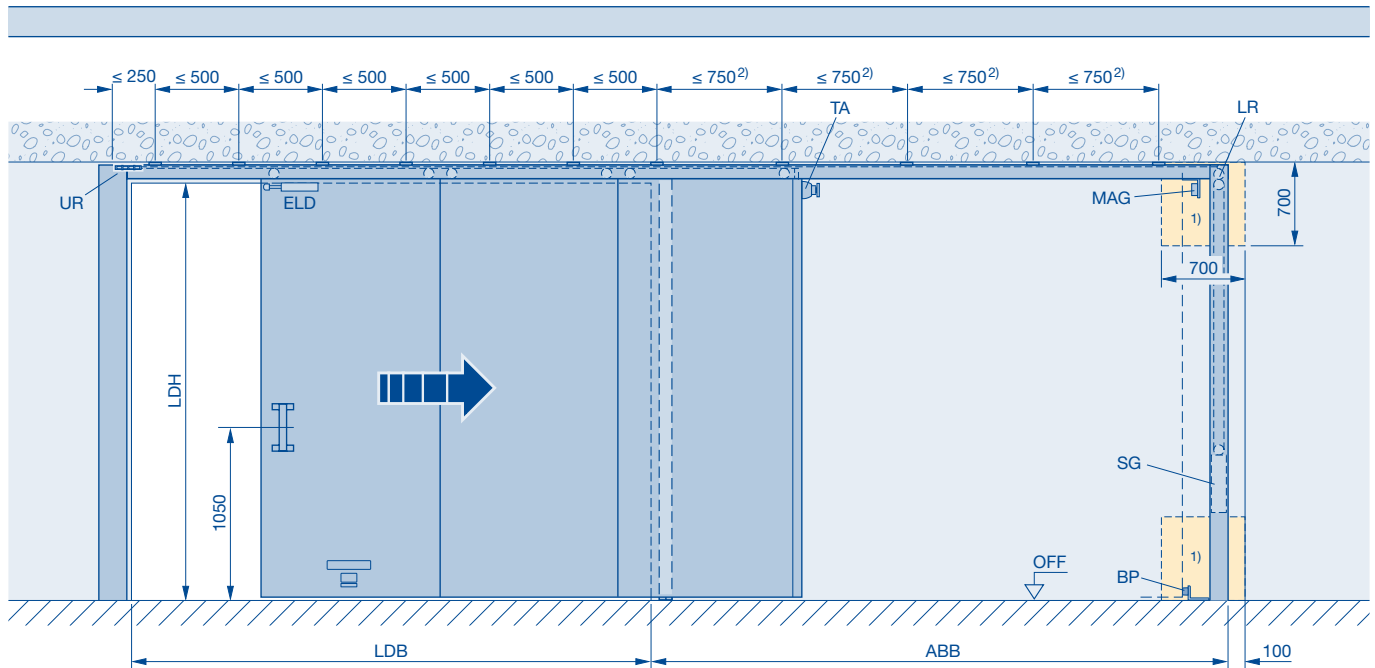
- BP** Floor buffer
ELD Travel limit damper
LR Track control
LDB Clear passage width
LDH Clear passage height
MAG 24 V DC magnet
MLB Structural opening width
MLH Structural opening height
OFF Finished floor level
SG Closing weight
TA Telescopic anchor
TVK Front edge of door in the open position
UR Return pulley

FST 90-1 OD

Normal guiding

Weight diverted

Direct fitting to the ceiling



- 1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
 - 2) E_l290, LDB > 4700 or LDH > 4720 mm = 500 mm
 - 3) Every additional weight box + 110 mm
 - 4) With *Schnetz* opening aid + 380 mm
 - 5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm
 - 6) With inlet flap + 40 mm
 - 7) With outlet flap + 40 mm
 - 8) With ceiling flap + 45 mm, **12)** do not take into account
 - 9) With compensator + 250 mm
 - 10) E_l290, LDB > 4540 mm + 55 mm
E_l290, LDB > 8000 mm + 100 mm
 - 12) E_l290, LDH > 5000 mm + 40 mm
- ABB** Parking area
BFR Floor guide roller

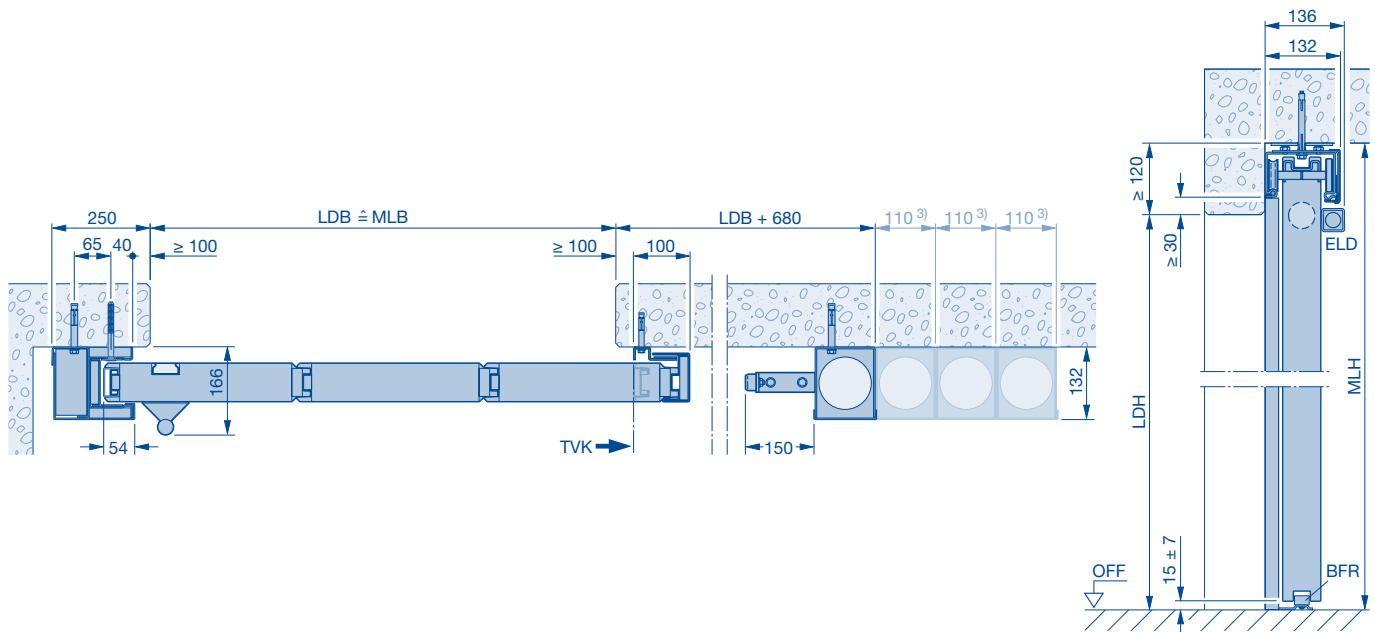
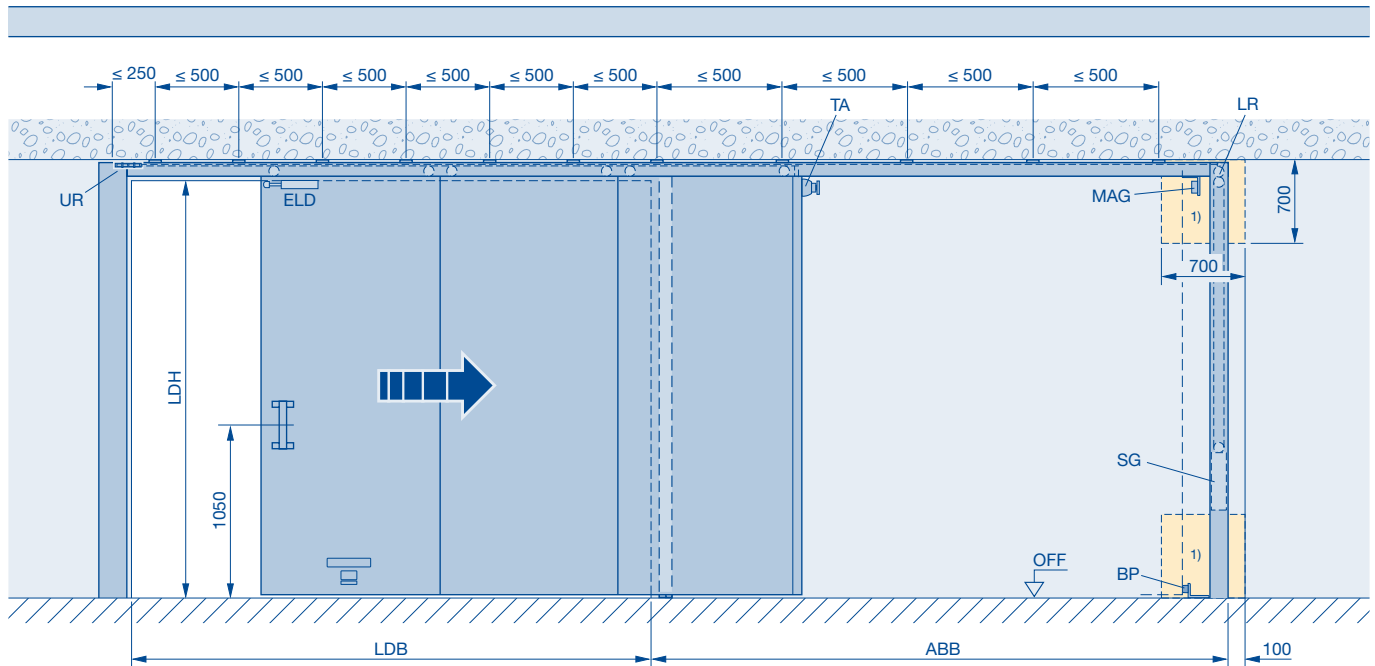
- BP** Floor buffer
ELD Travel limit damper
LR Track control
LDB Clear passage width
LDH Clear passage height
MAG 24 V DC magnet
MLB Structural opening width
MLH Structural opening height
OFF Finished floor level
SG Closing weight
TA Telescopic anchor
TVK Front edge of door in the open position
UR Return pulley

FST 120-1 OD

Normal guiding

Weight diverted

Direct fitting to the ceiling



1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm

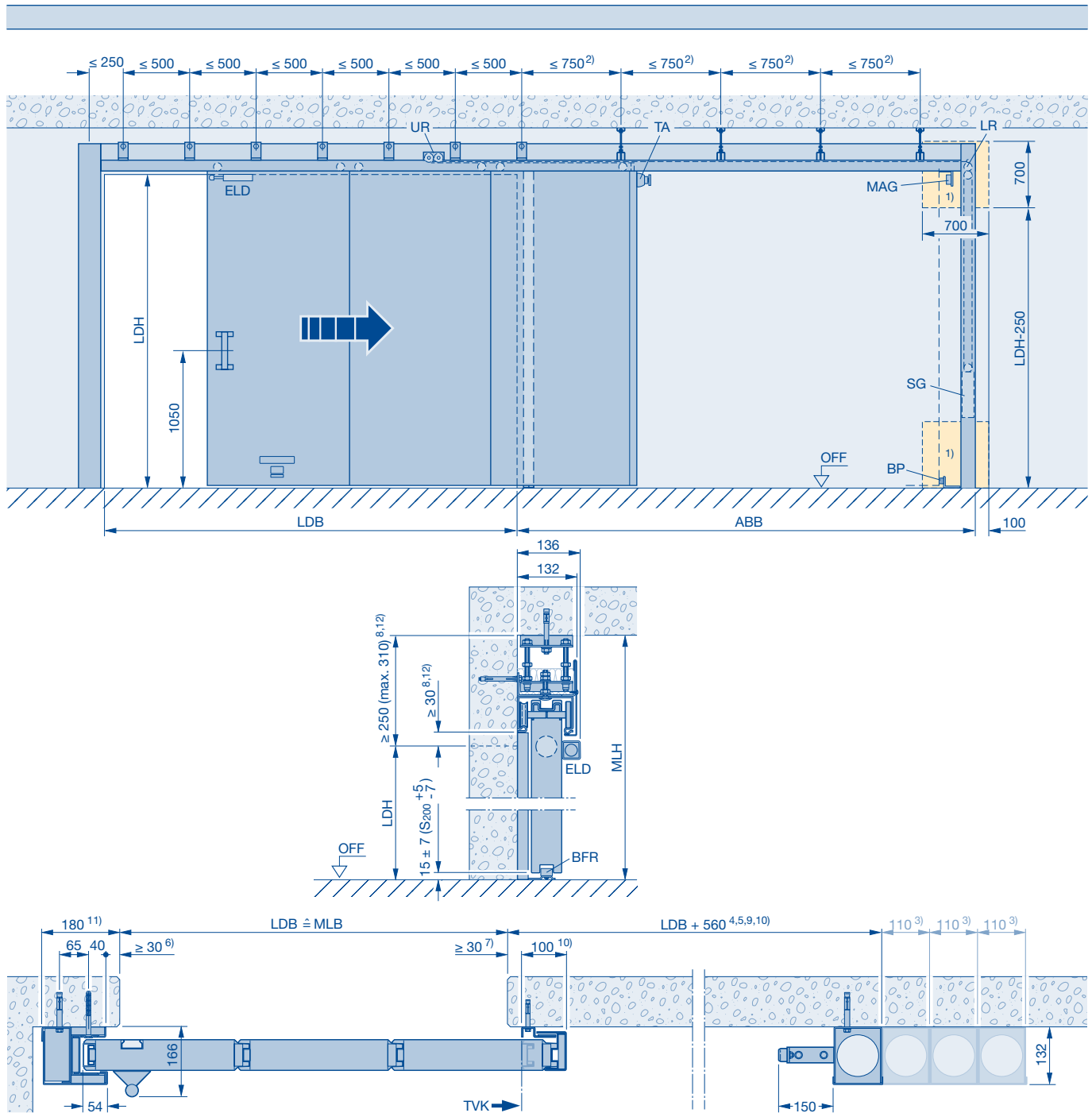
- ABB** Parking area
- BFR** Floor guide roller
- BP** Floor buffer
- ELD** Travel limit damper
- LR** Track control
- LDB** Clear passage width
- LDH** Clear passage height
- MAG** 24 V DC magnet
- MLB** Structural opening width
- MLH** Structural opening height
- OFF** Finished floor level
- SG** Closing weight
- TA** Telescopic anchor
- TVK** Front edge of door in the open position
- UR** Return pulley

FST 90-1 OD

Normal guiding

Weight diverted

Suspended ceiling fitting in the opening area and / or parking area



- 1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
- 2) EI₂90, LDB > 4700 or LDH > 4720 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 4) With *Schnetz* opening aid + 380 mm
- 5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm
- 6) With inlet flap + 40 mm
- 7) With outlet flap + 40 mm
- 8) With ceiling flap + 45 mm, 12) do not take into account
- 9) With compensator + 250 mm
- 10) EI₂90, LDB > 4540 mm + 55 mm
EI₂90, LDB > 8000 mm + 100 mm
- 11) With electric strike + 25 mm
- 12) EI₂90, LDH > 5000 mm + 40 mm

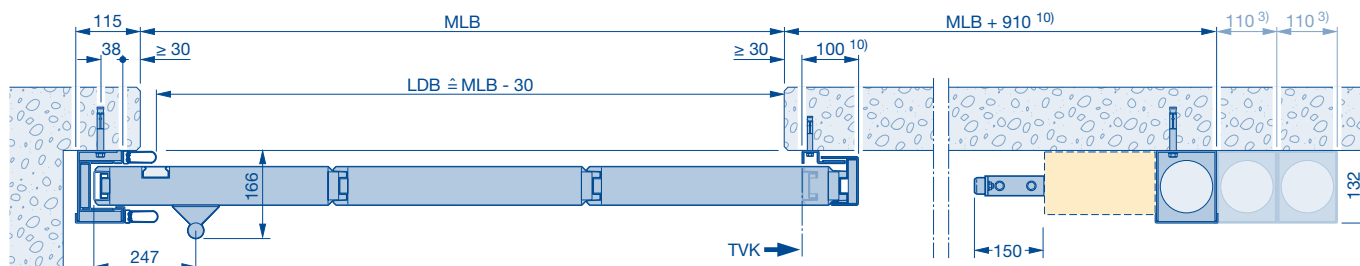
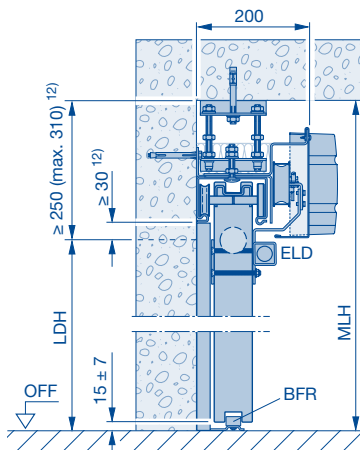
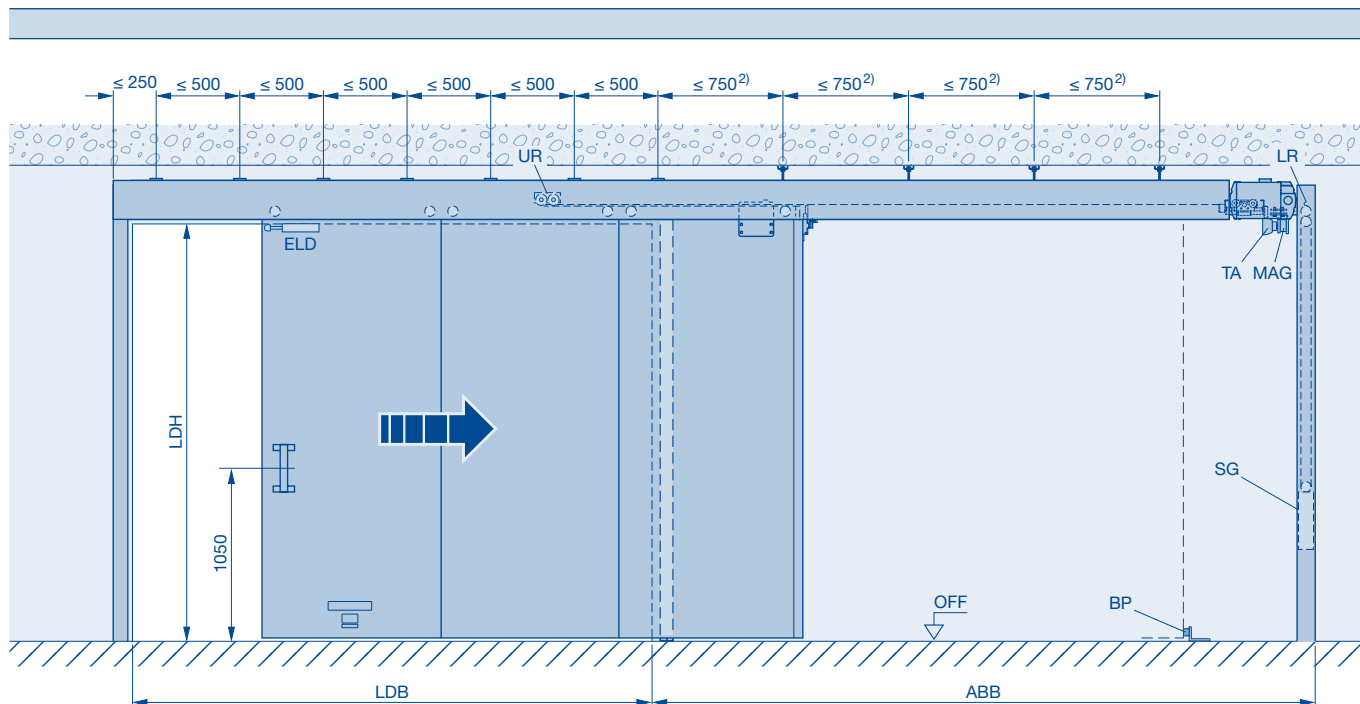
- ABB Parking area
- BFR Floor guide roller
- BP Floor buffer
- ELD Travel limit damper
- LR Track control
- LDB Clear passage width
- LDH Clear passage height
- MAG 24 V DC magnet
- MLB Structural opening width
- MLH Structural opening height
- OFF Finished floor level
- SG Closing weight
- TA Telescopic anchor
- TVK Front edge of door in the open position
- UR Return pulley

FST 30-1 OD with operator SupraMatic

Max. door leaf weight 800 kg

Normal guiding, weight diverted

Suspended ceiling fitting in the opening area and / or parking area



Fitting a 22 mm high wicket door threshold is recommended for versions with wicket door due to the quick opening and closing movement.

2) El₂30, LDB > 12000 or LDH > 7000 mm = 500 mm

3) Every additional weight box + 110 mm

10) El₂30, LDB > 8000 mm + 55 mm

12) El₂30, LDH > 5000 mm + 40 mm

ABB Parking area

BFR Floor guide roller

BP Floor buffer

ELD Travel limit damper

LR Track control

LDB Clear passage width

LDH Clear passage height

MAG 24 V DC magnet

MLB Structural opening width

MLH Structural opening height

OFF Finished floor level

SG Closing weight

TA Telescopic anchor

TVK Front edge of door in the open position

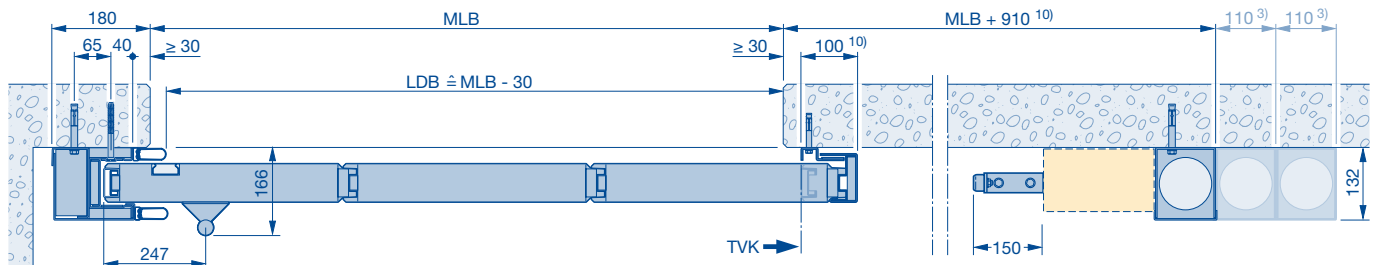
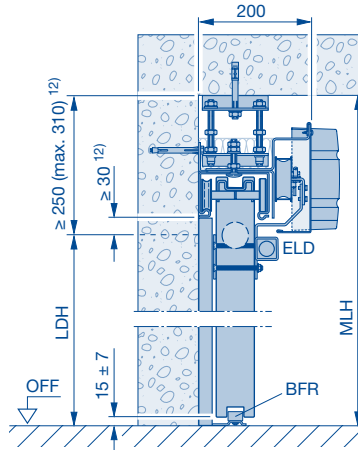
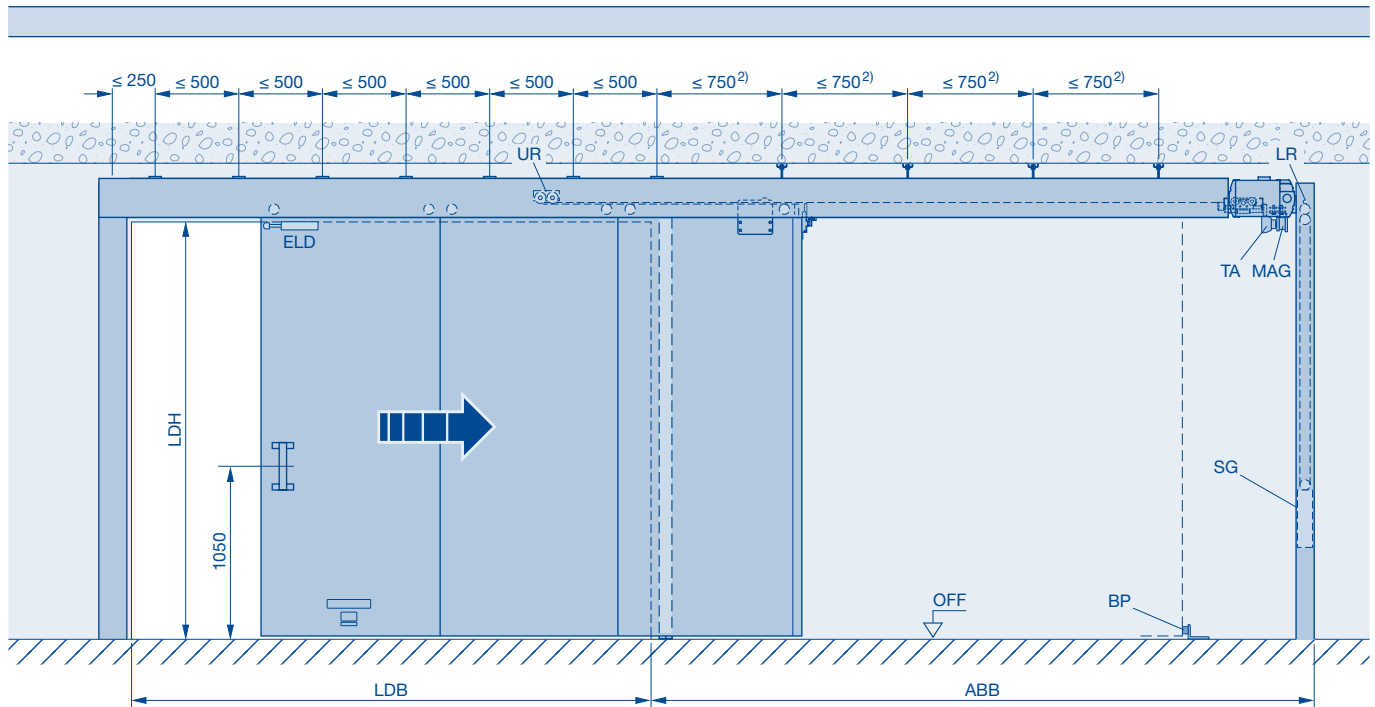
UR Return pulley

FST 90-1 OD with operator SupraMatic

Max. door leaf weight 800 kg

Normal guiding, weight diverted

Suspended ceiling fitting in the opening area and / or parking area



Fitting a 22 mm high wicket door threshold is recommended for versions with wicket door due to the quick opening and closing movement.

2) EI₂90, LDB > 4700 or LDH > 4720 mm = 500 mm

3) Every additional weight box + 110 mm

10) EI₂90, LDB > 4540 mm + 55 mm

EI₂90, LDB > 8000 mm + 100 mm

12) EI₂90, LDH > 5000 mm + 40 mm

ABB Parking area

BFR Floor guide roller

BP Floor buffer

ELD Travel limit damper

LR Track control

LDB Clear passage width

LDH Clear passage height

MAG 24 V DC magnet

MLB Structural opening width

MLH Structural opening height

OFF Finished floor level

SG Closing weight

TA Telescopic anchor

TVK Front edge of door in the open position

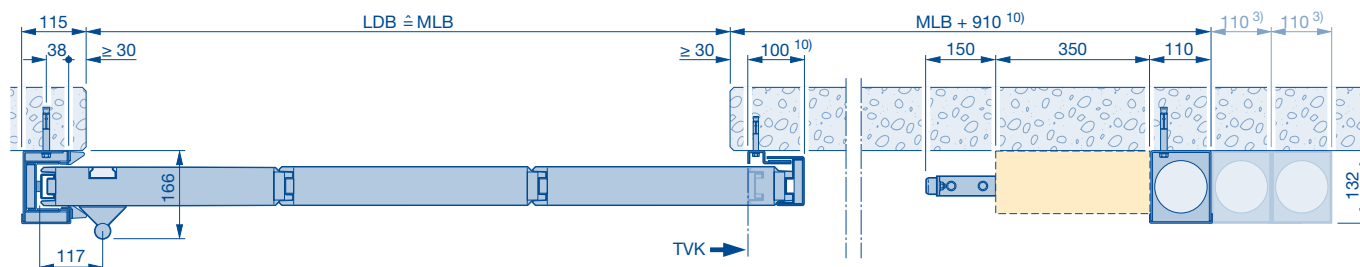
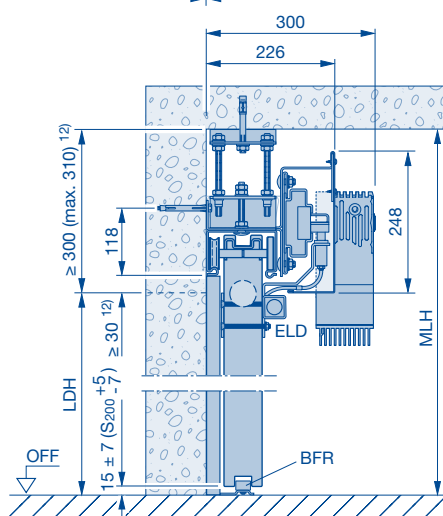
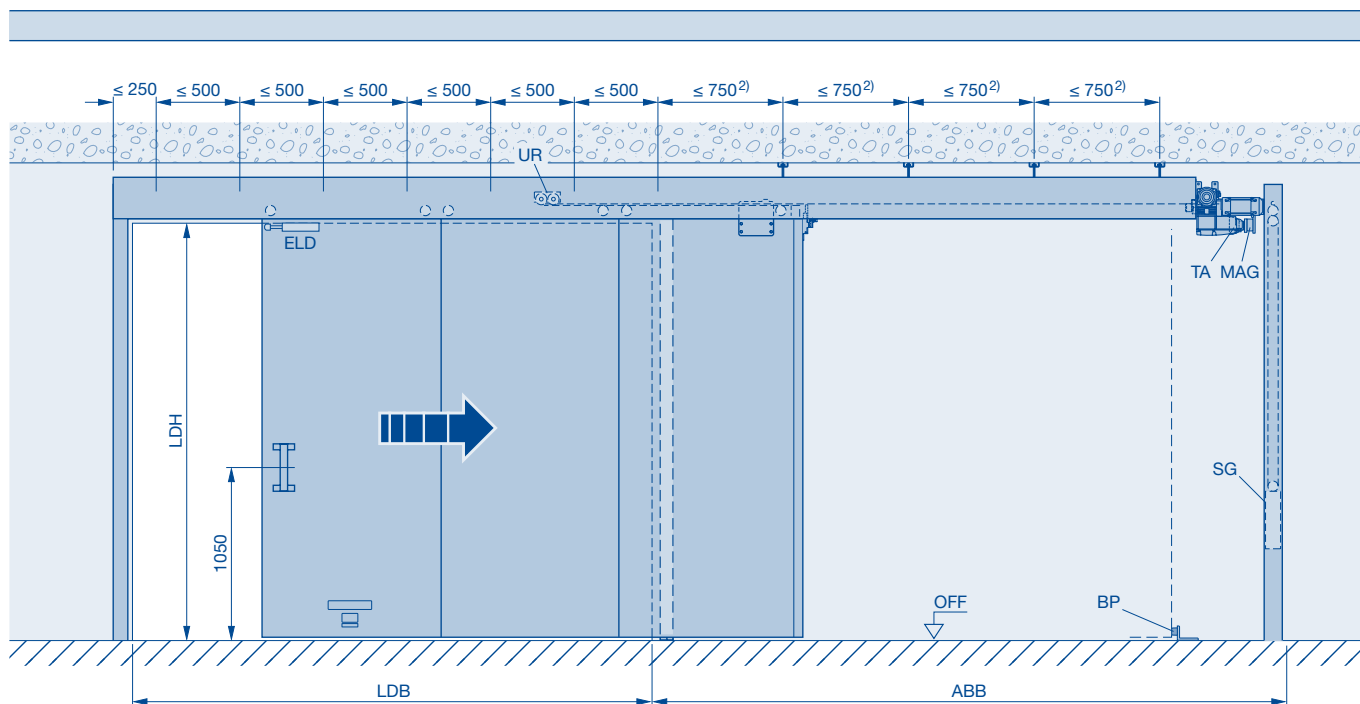
UR Return pulley

FST 30-1 OD with operator ITO 400

Max. door leaf weight 2500 kg

Normal guiding, weight diverted

Suspended ceiling fitting in the opening area and / or parking area



Fitting a 22 mm high wicket door threshold is recommended for versions with wicket door due to the quick opening and closing movement.

2) E_l230, LDB > 12000 or LDH > 7000 mm = 500 mm

3) Every additional weight box + 110 mm

10) E_l230, LDB > 8000 mm + 55 mm

12) E_l230, LDH > 5000 mm + 40 mm

ABB Parking area

BFR Floor guide roller

BP Floor buffer

ELD Travel limit damper

LR Track control

LDB Clear passage width

LDH Clear passage height

MAG 24 V DC magnet

MLB Structural opening width

MLH Structural opening height

OFF Finished floor level

SG Closing weight

TA Telescopic anchor

TVK Front edge of door in the open position

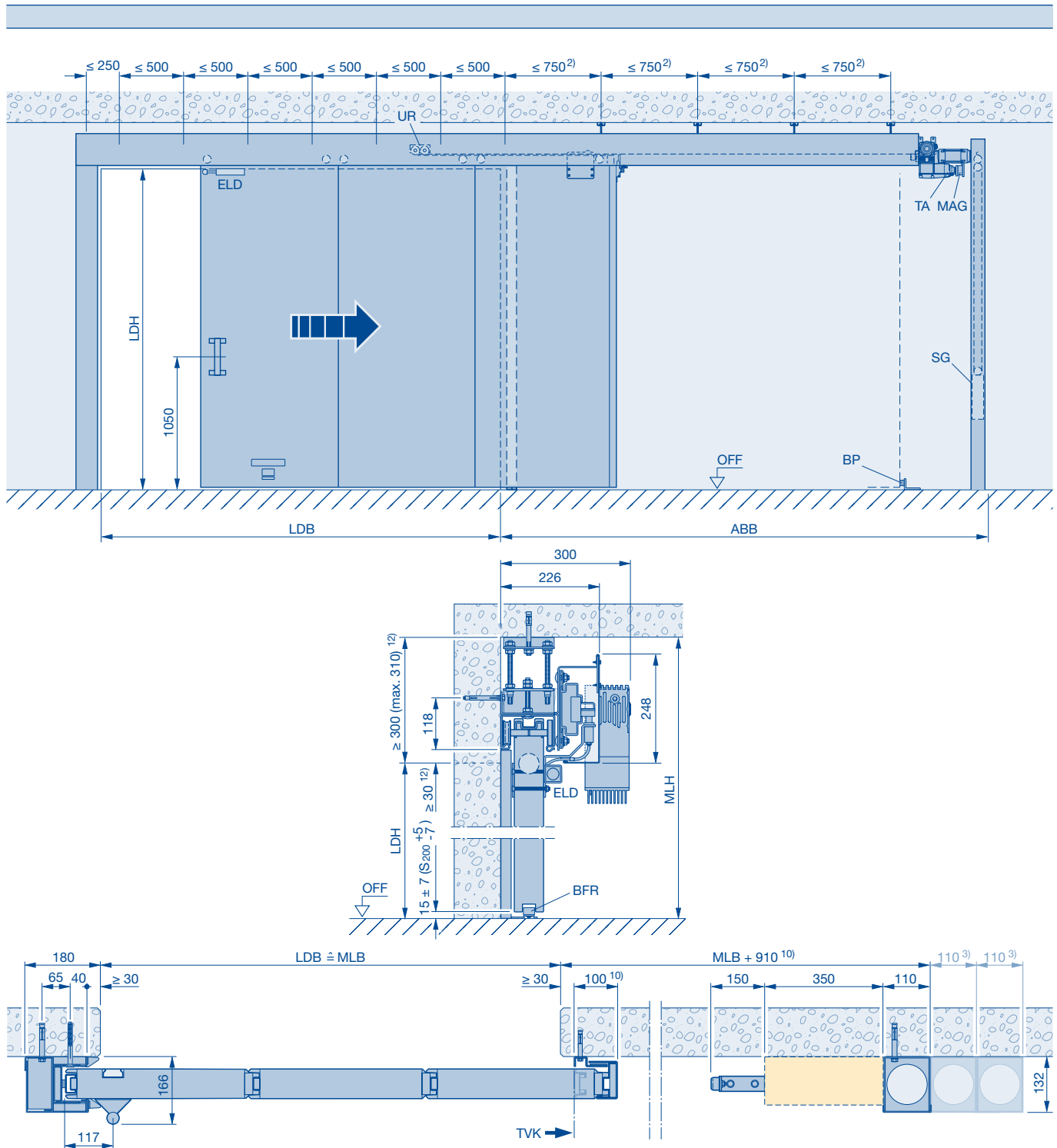
UR Return pulley

FST 90-1 OD with operator ITO 400

Max. door leaf weight 2500 kg

Normal guiding, weight diverted

Suspended ceiling fitting in the opening area and / or parking area



Fitting a 22 mm high wicket door threshold is recommended for versions with wicket door due to the quick opening and closing movement.

- 2) E1₂90, LDB > 4700 or LDH > 4720 mm = 500 mm
 3) Every additional weight box + 110 mm
 10) E1₂90, LDB > 4540 mm + 55 mm
 E1₂90, LDB > 8000 mm + 100 mm
 12) E1₂90, LDH > 5000 mm + 40 mm

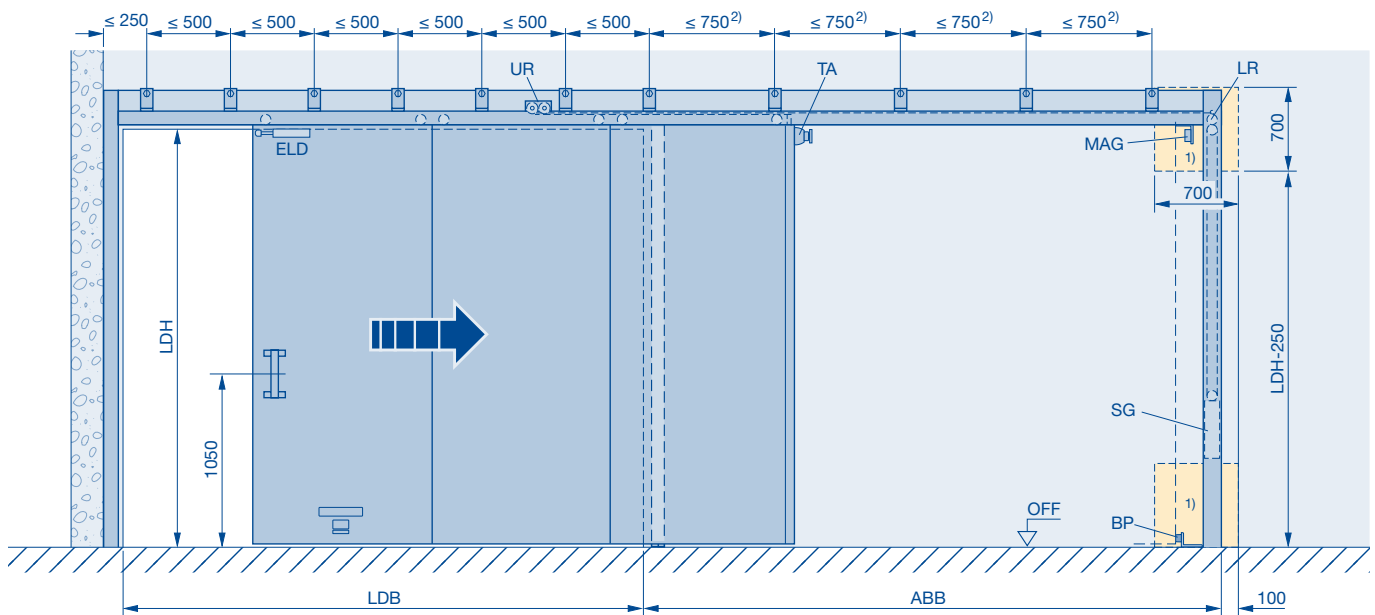
- ABB** Parking area
BFR Floor guide roller
BP Floor buffer
ELD Travel limit damper
LR Track control

- LDB** Clear passage width
LDH Clear passage height
MAG 24 V DC magnet
MLB Structural opening width
MLH Structural opening height
OFF Finished floor level
SG Closing weight
TA Telescopic anchor
TVK Front edge of door in the open position
UR Return pulley

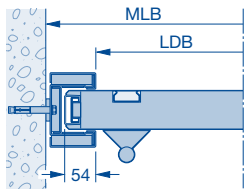
FST 30-1 OD / FST 90-1 OD

Flush guiding

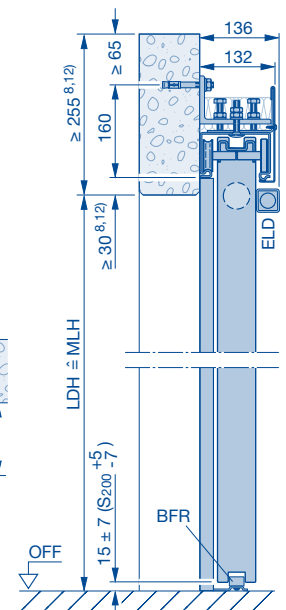
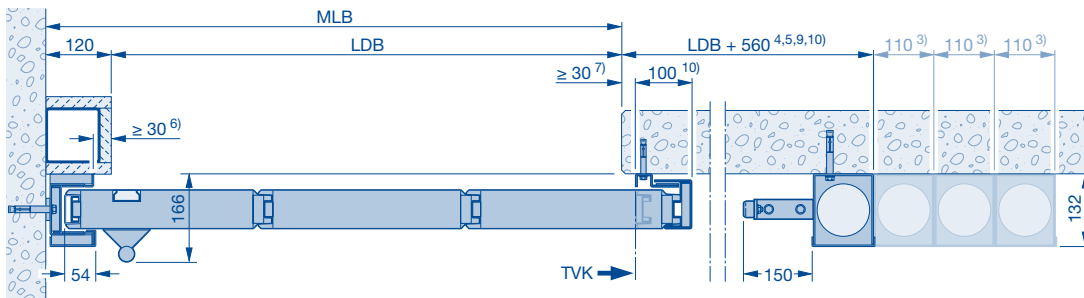
Wall fitting



FST 30-1 OD



FST 30-1 OD / FST 90-1 OD



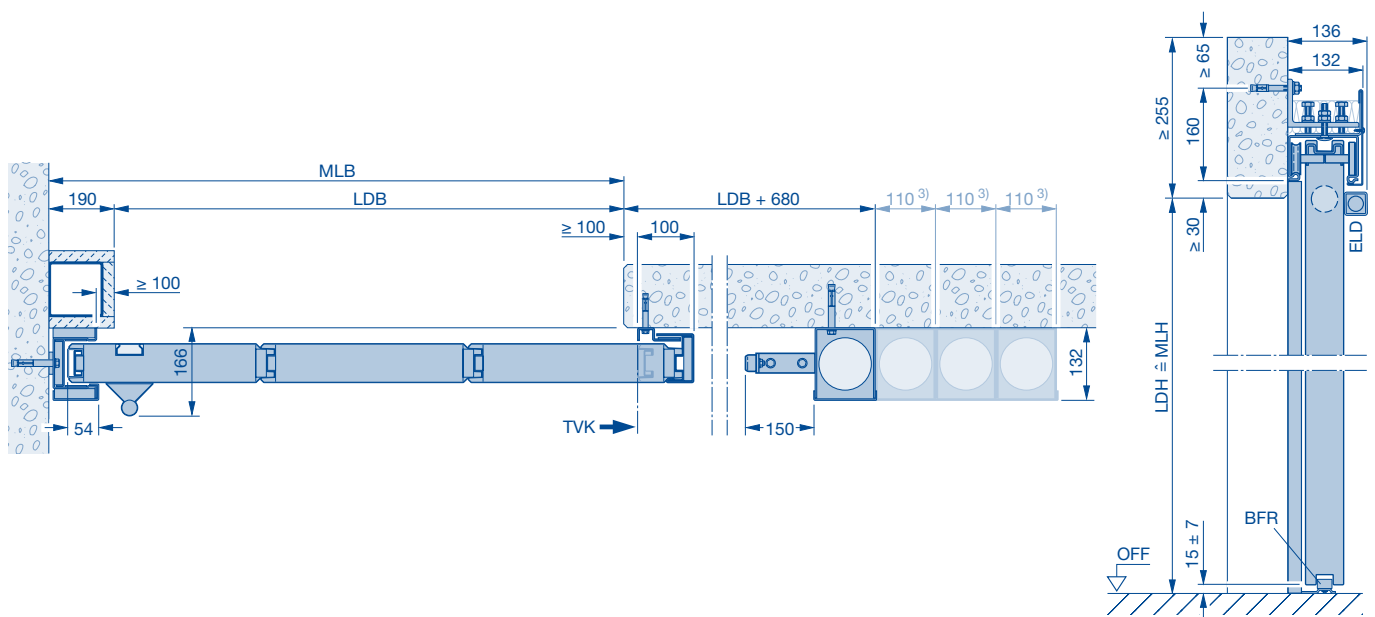
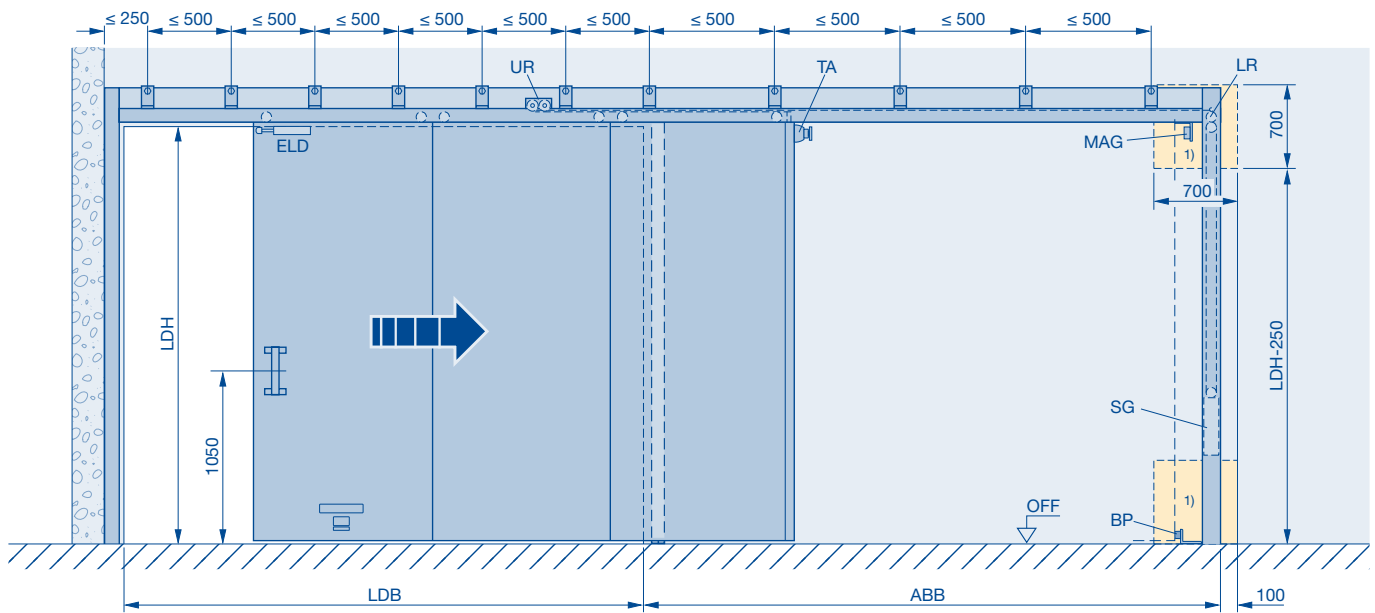
- 1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
- 2) E1₂30, LDB > 12000 or LDH > 7000 mm = 500 mm
E1₂90, LDB > 4700 or LDH > 4720 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 4) With *Schnetz* opening aid + 380 mm
- 5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm
- 6) With inlet flap + 40 mm
- 7) With outlet flap + 40 mm
- 8) With ceiling flap + 45 mm, **12)** do not take into account
- 9) With compensator + 250 mm
- 10) E1₂30, LDB > 8000 mm + 55 mm
E1₂90, LDB > 4540 mm + 55 mm
E1₂90, LDB > 8000 mm + 100 mm
- 12) E1₂30, E1₂90, LDH > 5000 mm + 40 mm

- ABB** Parking area
BFR Floor guide roller
BP Floor buffer
ELD Travel limit damper
LR Track control
LDB Clear passage width
LDH Clear passage height
MAG 24 V DC magnet
MLB Structural opening width
MLH Structural opening height
OFF Finished floor level
SG Closing weight
TA Telescopic anchor
TVK Front edge of door in the open position
UR Return pulley

FST 120-1 OD

Flush guiding

Wall fitting



1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm

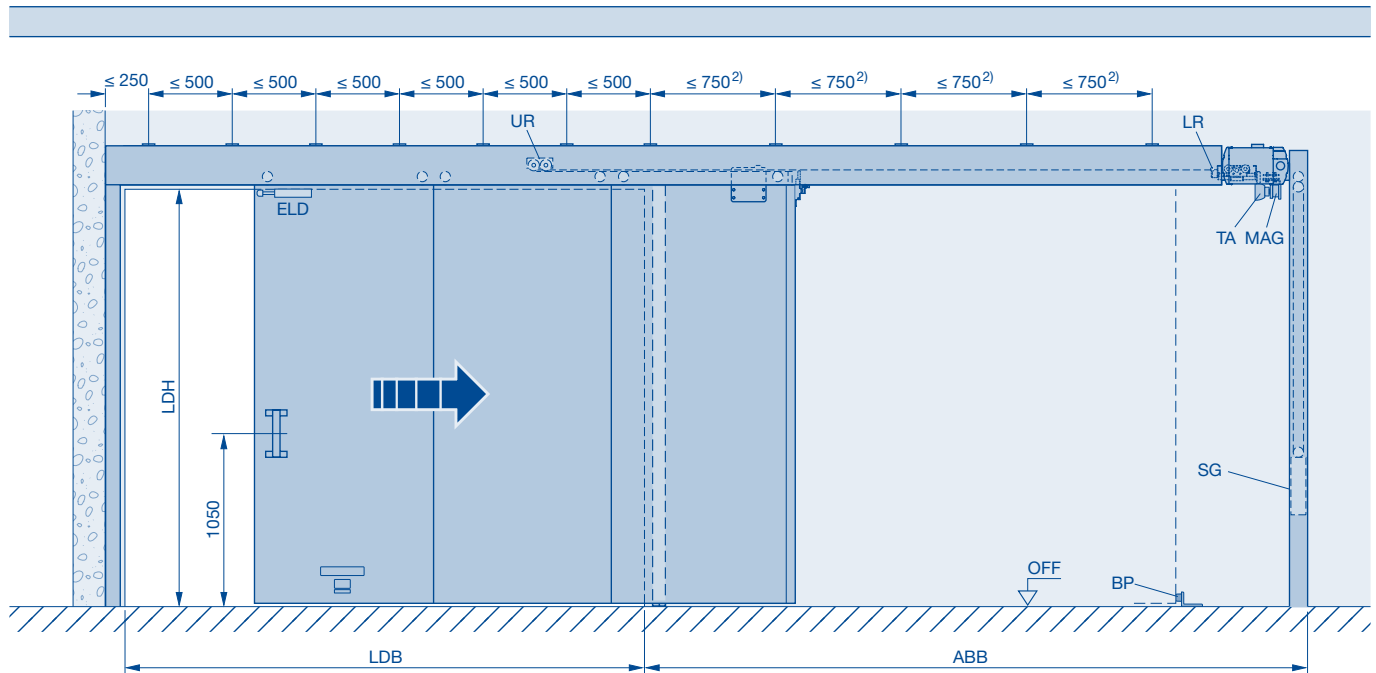
- ABB** Parking area
- BFR** Floor guide roller
- BP** Floor buffer
- ELD** Travel limit damper
- LR** Track control
- LDB** Clear passage width
- LDH** Clear passage height
- MAG** 24 V DC magnet
- MLB** Structural opening width
- MLH** Structural opening height
- OFF** Finished floor level
- SG** Closing weight
- TA** Telescopic anchor
- TVK** Front edge of door in the open position
- UR** Return pulley

FST 30-1 OD / FST 90-1 OD with operator SupraMatic

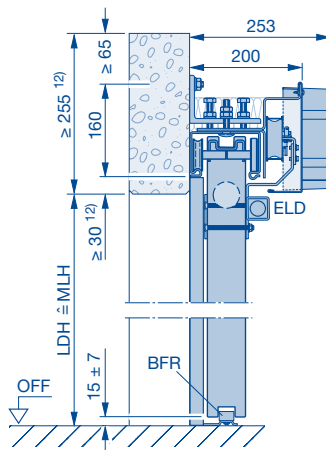
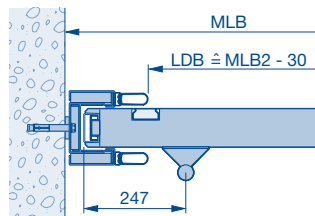
Max. door leaf weight 800 kg

Flush guiding

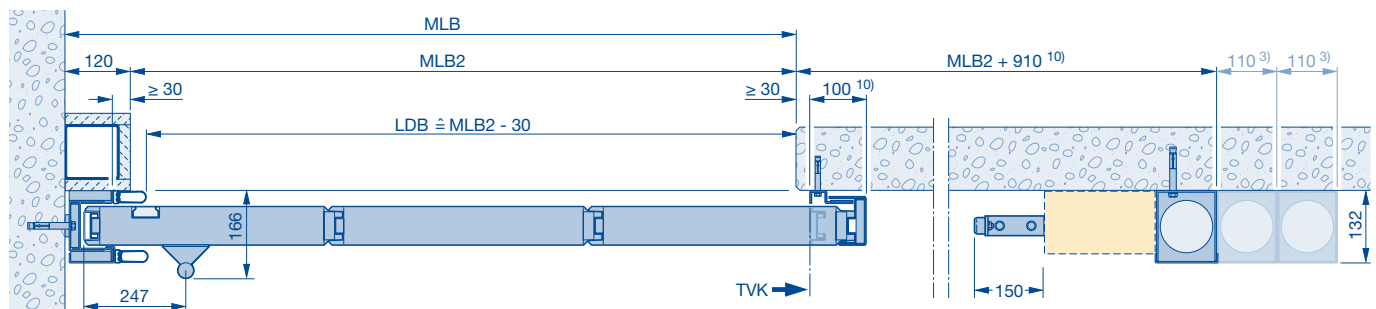
Wall fitting



FST 30-1 OD



FST 30-1 OD / FST 90-1 OD



Fitting a 22 mm high wicket door threshold is recommended for versions with wicket door due to the quick opening and closing movement.

- 3) Every additional weight box + 110 mm
- 2) E_l230, LDB > 12000 or LDH > 7000 mm = 500 mm
E_l290, LDB > 4700 or LDH > 4720 mm = 500 mm
- 10) E_l230, LDB > 8000 mm + 55 mm
E_l290, LDB > 4540 mm + 55 mm
E_l90, LDB > 8000 mm + 100 mm
- 12) E_l230, E_l290, LDH > 5000 mm + 40 mm

- ABB Parking area
- BFR Floor guide roller
- BP Floor buffer
- ELD Travel limit damper
- LR Track control

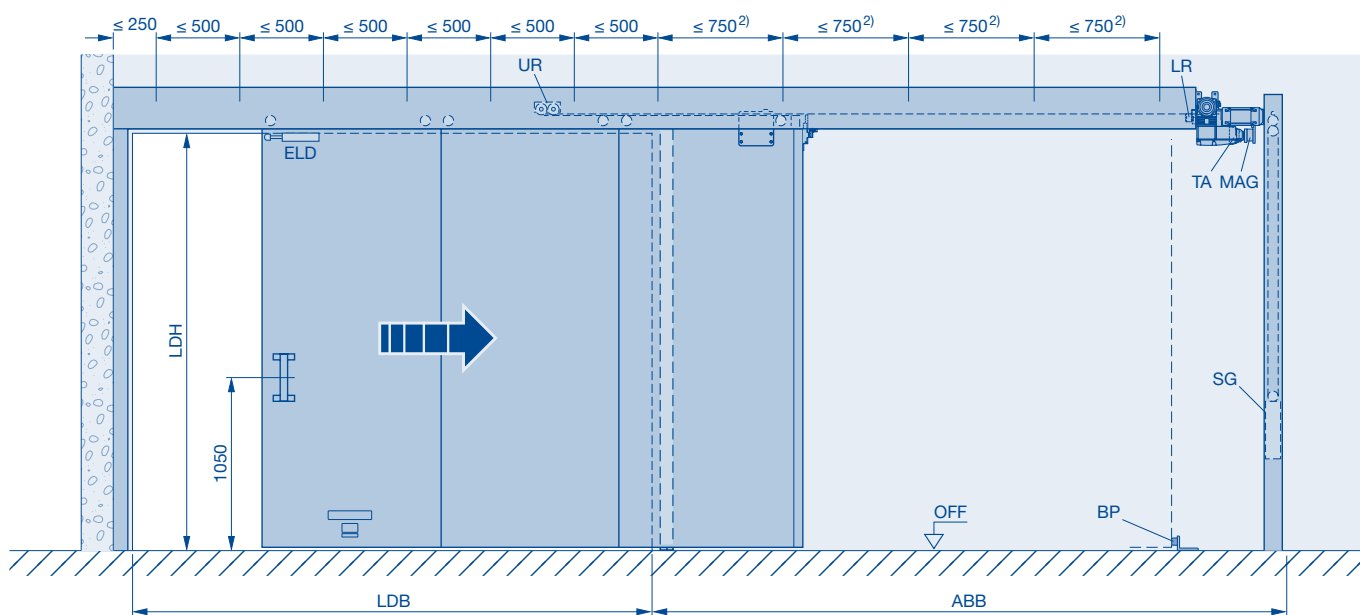
- LDB Clear passage width
- LDH Clear passage height
- MAG 24 V DC magnet
- MLB Structural opening width
- MLH Structural opening height
- OFF Finished floor level
- SG Closing weight
- TA Telescopic anchor
- TVK Front edge of door in the open position
- UR Return pulley

FST 30-1 OD / FST 90-1 OD with operator ITO 400

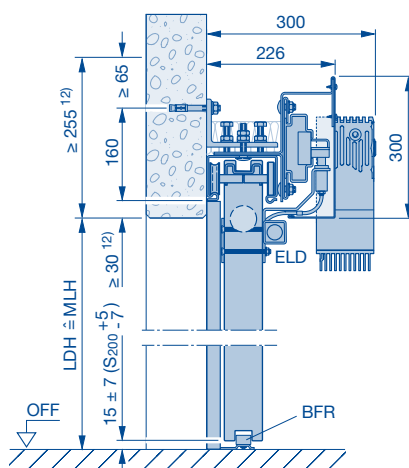
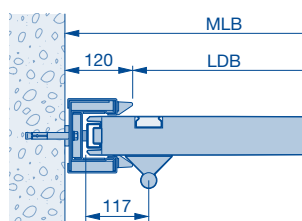
Max. door leaf weight 2500 kg

Flush guiding

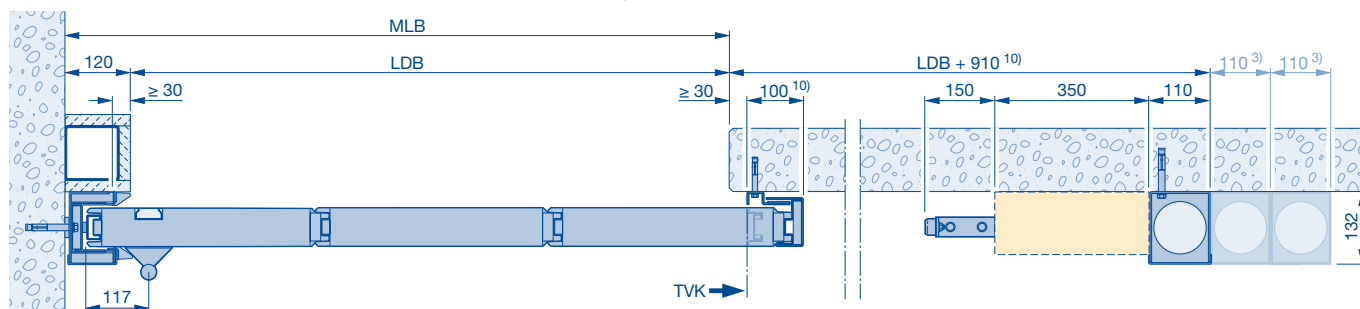
Wall fitting



FST 30-1 OD



FST 30-1 OD / FST 90-1 OD



2) E1₂30, LDB > 12000 or LDH > 7000 mm = 500 mm

E1₂90, LDB > 4700 or LDH > 4720 mm = 500 mm

3) Every additional weight box + 110 mm

10) E1₂30, LDB > 8000 mm + 55 mm

E1₂90, LDB > 4540 mm + 55 mm

E1₂90, LDB > 8000 mm + 100 mm

12) E1₂30, E1₂90, LDH > 5000 mm + 40 mm

ABB Parking area

BFR Floor guide roller

BP Floor buffer

ELD Travel limit damper

LR Track control

LDB Clear passage width

LDH Clear passage height

MAG 24 V DC magnet

MLB Structural opening width

MLH Structural opening height

OFF Finished floor level

SG Closing weight

TA Telescopic anchor

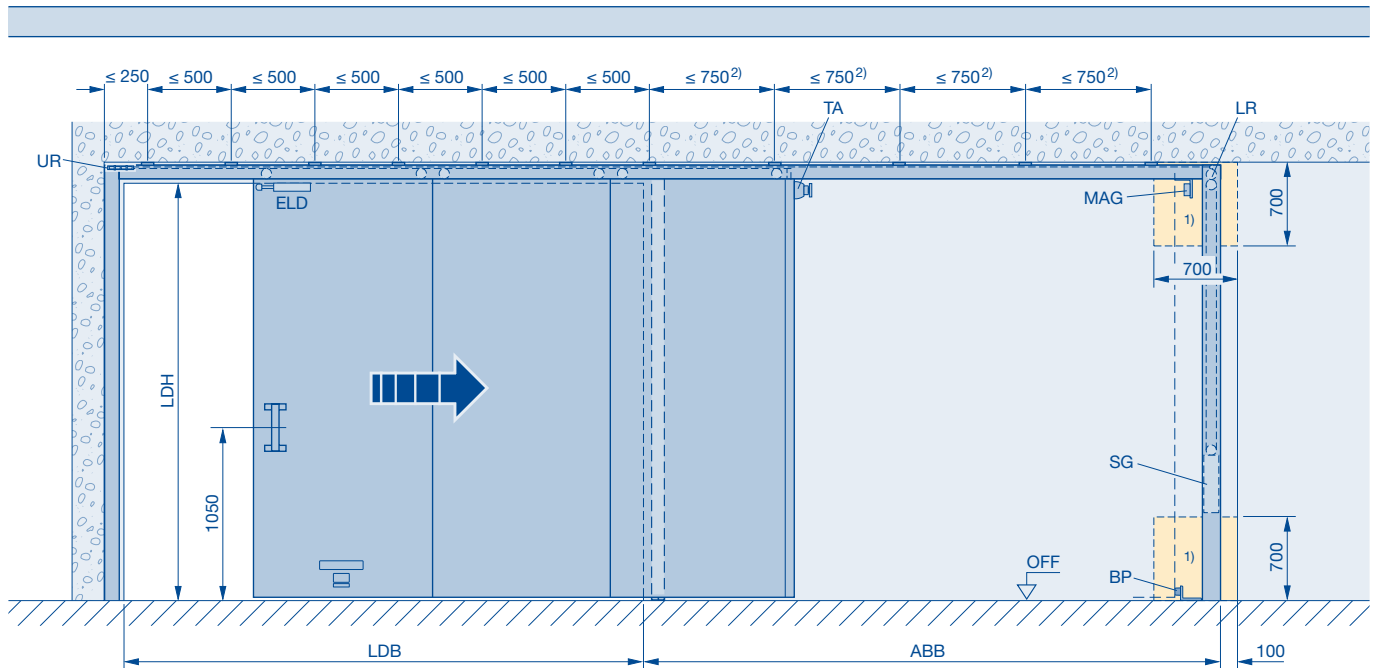
TVK Front edge of door in the open position

UR Return pulley

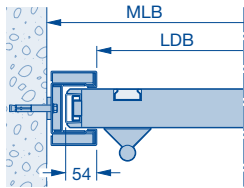
FST 30-1 OD / FST 90-1 OD

Flush guiding

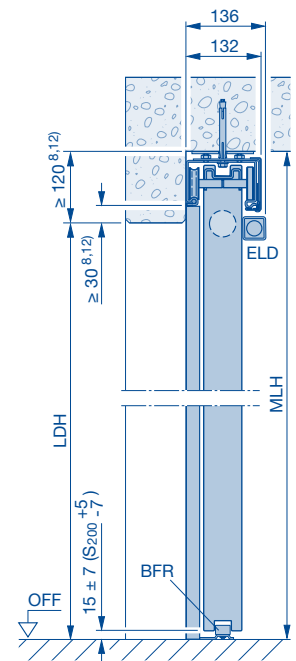
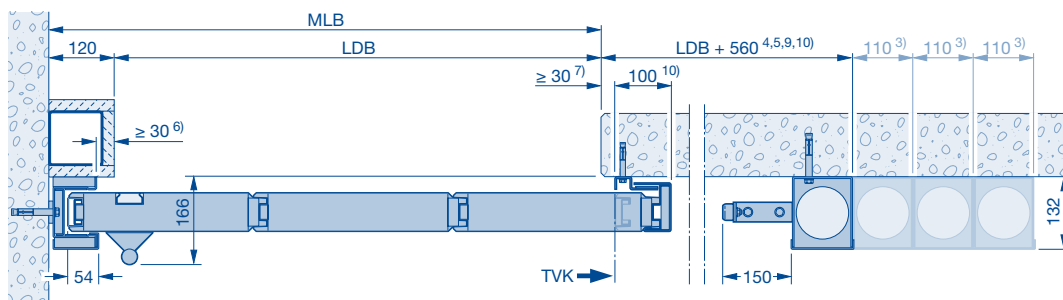
Direct fitting to the ceiling



FST 30-1 OD



FST 30-1 OD / FST 90-1 OD

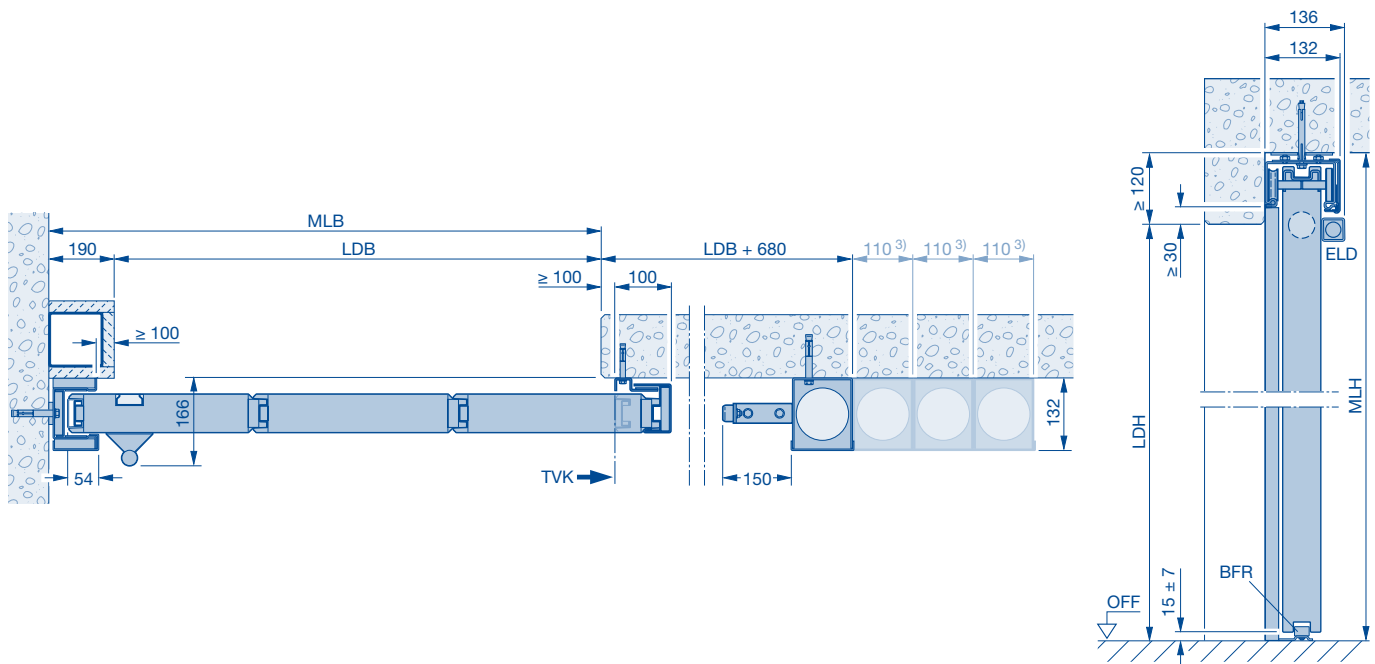
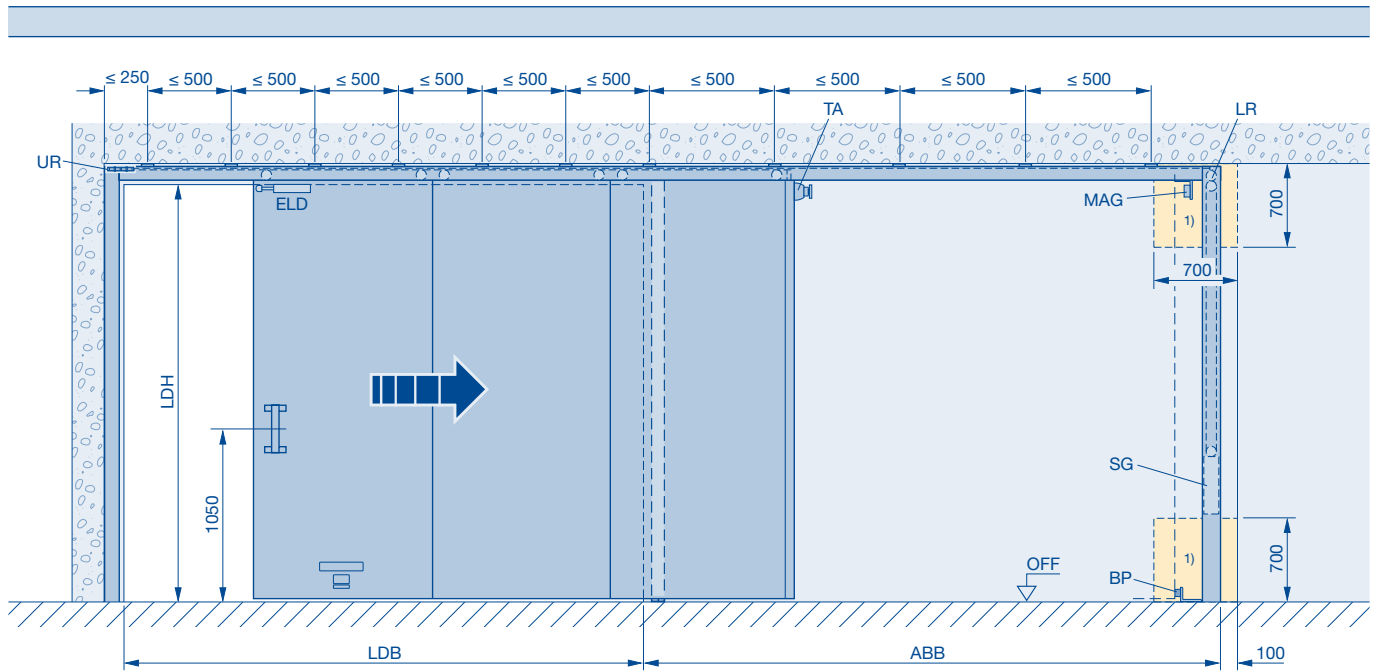


- | | |
|---|--|
| <p>1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm</p> <p>2) E1₂30, LDB > 12000 or LDH > 7000 mm = 500 mm
E1₂90, LDB > 4700 or LDH > 4720 mm = 500 mm</p> <p>3) Every additional weight box + 110 mm</p> <p>4) With <i>Schnetz</i> opening aid + 380 mm</p> <p>5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm</p> <p>6) With inlet flap + 40 mm</p> <p>7) With outlet flap + 40 mm</p> <p>8) With ceiling flap + 45 mm, 12) do not take into account</p> <p>9) With compensator + 250 mm</p> <p>10) E1₂30, LDB > 8000 mm + 55 mm
E1₂90, LDB > 4540 mm + 55 mm
E1₂90, LDB > 8000 mm + 100 mm</p> | <p>12) E1₂30, E1₂90, LDH > 5000 mm + 40 mm</p> <p>ABB Parking area</p> <p>BFR Floor guide roller</p> <p>BP Floor buffer</p> <p>ELD Travel limit damper</p> <p>LR Track control</p> <p>LDB Clear passage width</p> <p>LDH Clear passage height</p> <p>MAG 24 V DC magnet</p> <p>MLB Structural opening width</p> <p>MLH Structural opening height</p> <p>OFF Finished floor level</p> <p>SG Closing weight</p> <p>TA Telescopic anchor</p> <p>TVK Front edge of door in the open position</p> <p>UR Return pulley</p> |
|---|--|

FST 120-1 OD

Flush guiding

Direct fitting to the ceiling

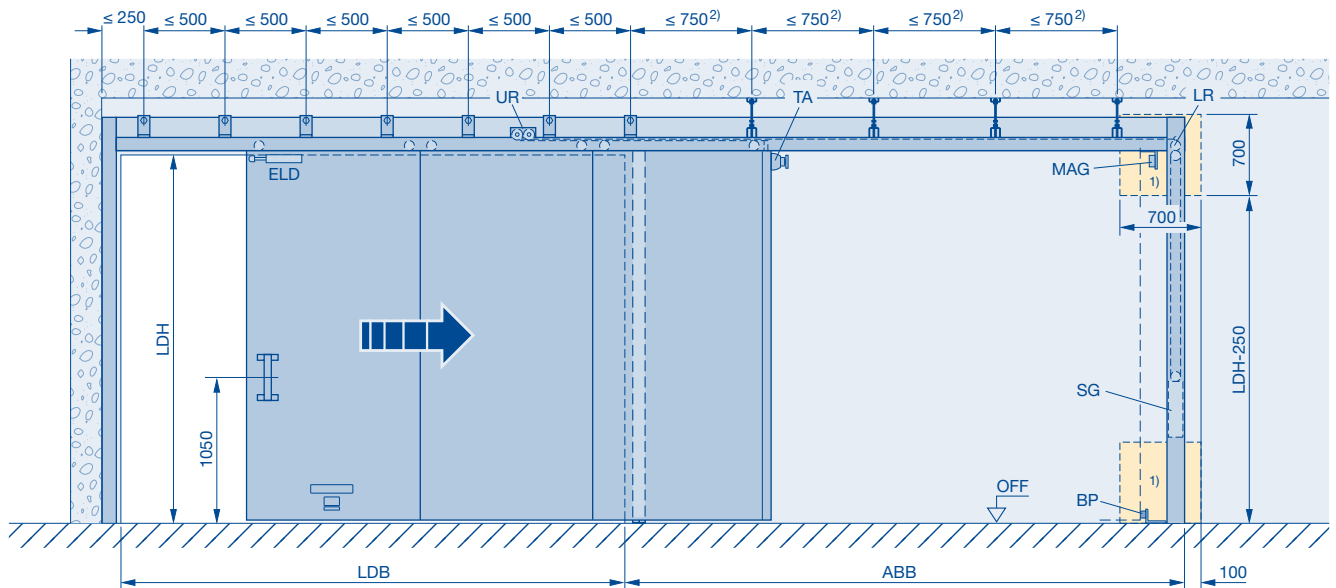


- 1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
- ABB** Parking area
BFR Floor guide roller
BP Floor buffer
ELD Travel limit damper
LR Track control
LDB Clear passage width
LDH Clear passage height
MAG 24 V DC magnet
MLB Structural opening width
MLH Structural opening height
OFF Finished floor level
SG Closing weight
TA Telescopic anchor
TVK Front edge of door in the open position
- UR** Return pulley

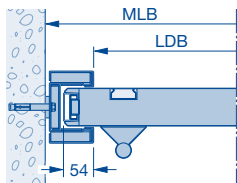
FST 30-1 OD / FST 90-1 OD

Flush guiding

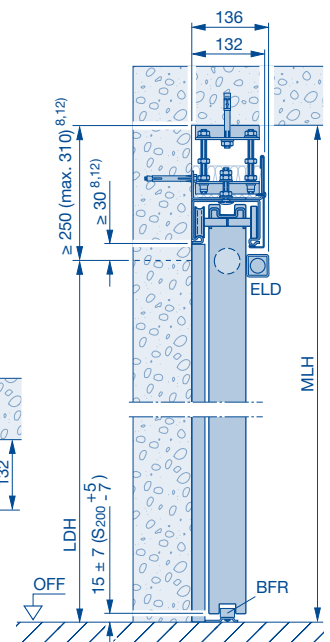
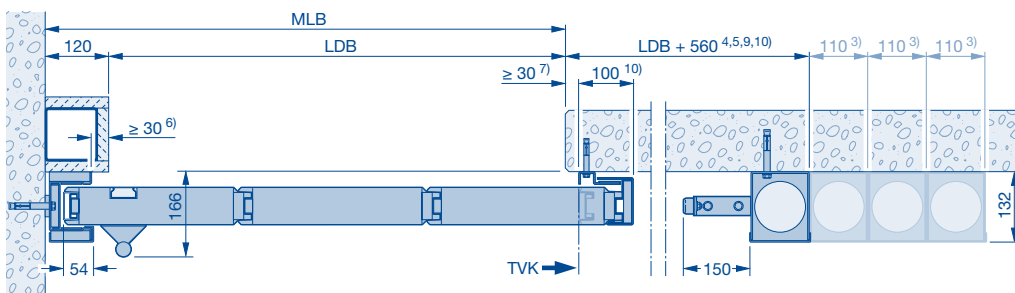
Suspended ceiling fitting in the opening area and / or parking area



FST 30-1 OD



FST 30-1 OD / FST 90-1 OD



- 1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
- 2) E1₂30, LDB > 12000 or LDH > 7000 mm = 500 mm
E1₂90, LDB > 4700 or LDH > 4720 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 4) With *Schnetz* opening aid + 380 mm
- 5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm
- 6) With inlet flap + 40 mm
- 7) With outlet flap + 40 mm
- 8) With ceiling flap + 45 mm, 12) do not take into account
- 9) With compensator + 250 mm
- 10) E1₂30, LDB > 8000 mm + 55 mm
E1₂90, LDB > 4540 mm + 55 mm
E1₂90, LDB > 8000 mm + 100 mm

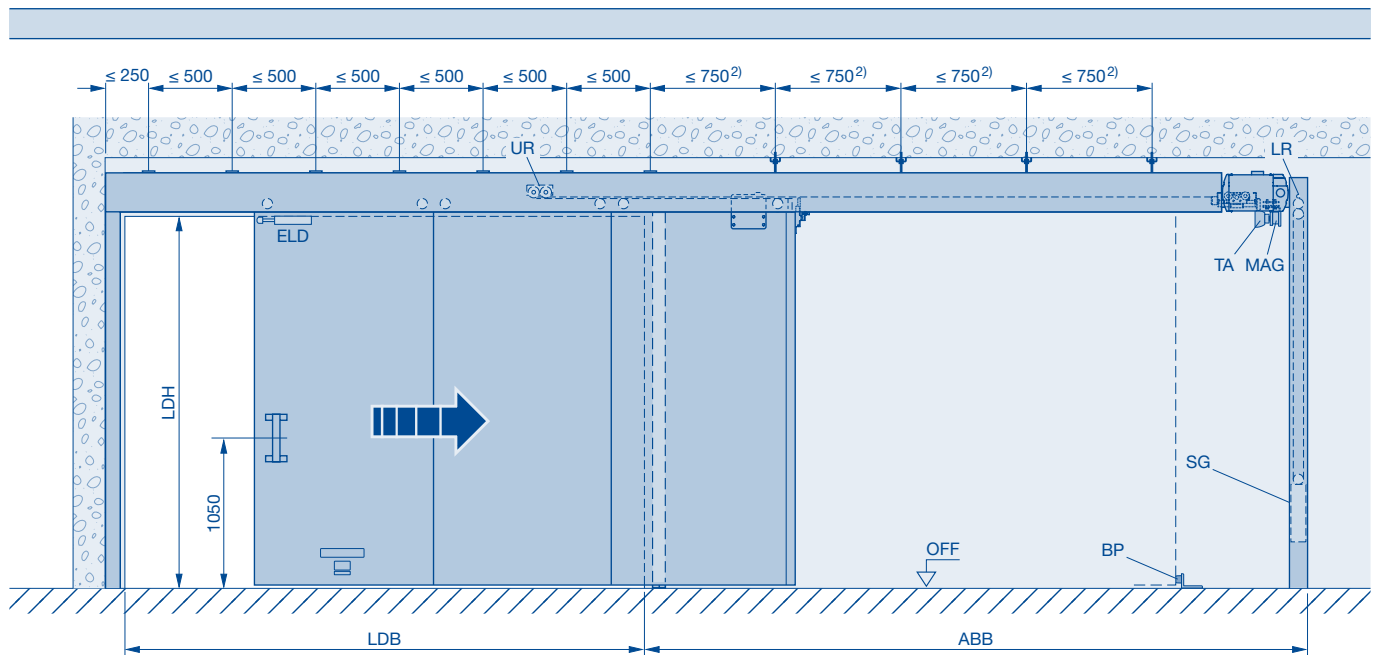
- 12) E1₂30, E1₂90, LDH > 5000 mm + 40 mm
- ABB** Parking area
BFR Floor guide roller
BP Floor buffer
ELD Travel limit damper
LR Track control
LDB Clear passage width
LDH Clear passage height
MAG 24 V DC magnet
MLB Structural opening width
MLH Structural opening height
OFF Finished floor level
SG Closing weight
TA Telescopic anchor
TVK Front edge of door in the open position
UR Return pulley

FST 30-1 OD / FST 90-1 OD with operator SupraMatic

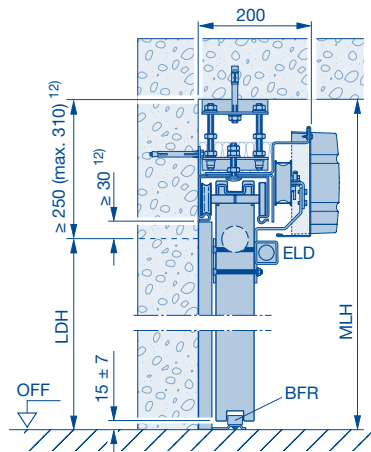
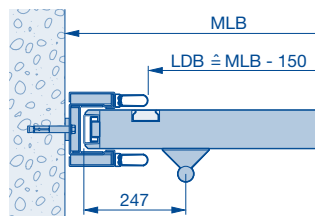
Max. door leaf weight 800 kg

Flush guiding

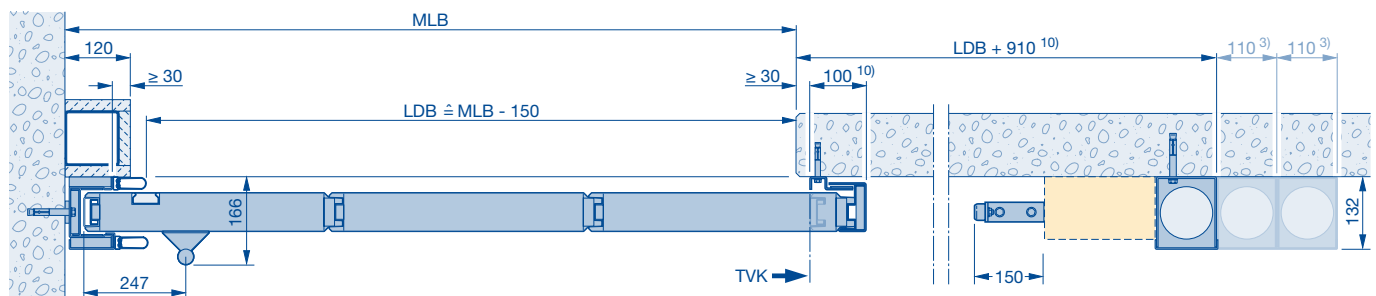
Suspended ceiling fitting in the opening area and / or parking area



FST 30-1 OD



FST 30-1 OD / FST 90-1 OD



2) El₂30, LDB > 12000 or LDH > 7000 mm = 500 mm
El₂90, LDB > 4700 or LDH > 4720 mm = 500 mm

3) Every additional weight box + 110 mm

10) El₂30, LDB > 8000 mm + 55 mm

El₂90, LDB > 4540 mm + 55 mm

El₂90, LDB > 8000 mm + 100 mm

El₂30, El₂90, LDH > 5000 mm + 40 mm

ABB Parking area

BFR Floor guide roller

BP Floor buffer

ELD Travel limit damper

LR Track control

LDB Clear passage width

LDH Clear passage height

MAG 24 V DC magnet

MLB Structural opening width

MLH Structural opening height

OFF Finished floor level

SG Closing weight

TA Telescopic anchor

TVK Front edge of door in the open position

UR Return pulley

Notice:

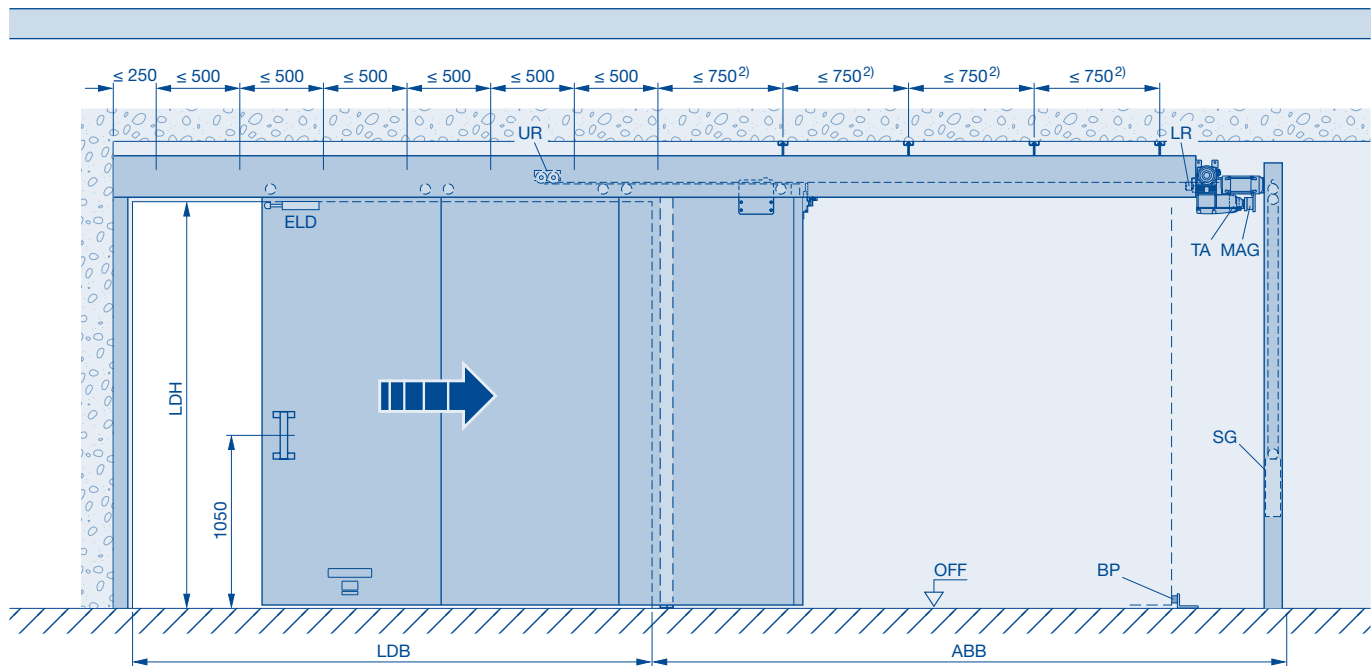
Fitting a 22 mm high wicket door threshold is recommended for versions with wicket door due to the quick opening and closing movement.

FST 30-1 OD / FST 90-1 OD with operator ITO 400

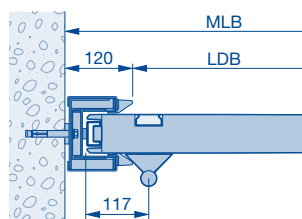
Max. door leaf weight 2500 kg

Flush guiding

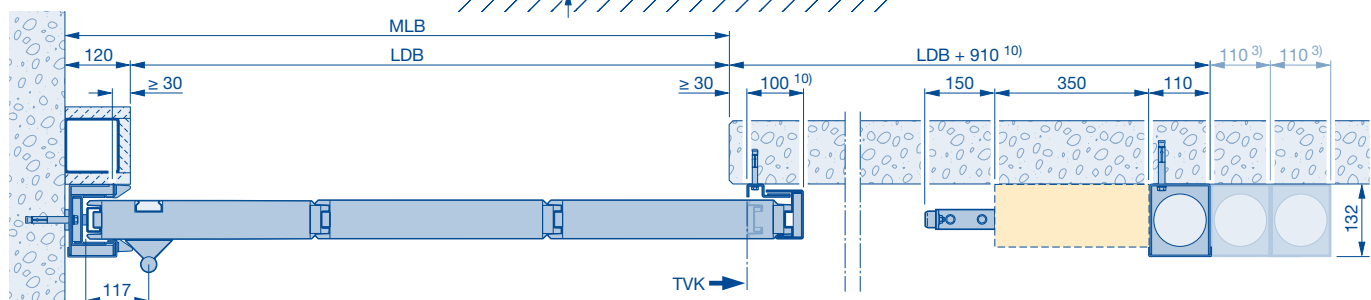
Suspended ceiling fitting in the opening area and / or parking area



FST 30-1 OD



FST 30-1 OD / FST 90-1 OD



2) El₂30, LDB > 12000 or LDH > 7000 mm = 500 mm

El₂90, LDB > 4700 or LDH > 4720 mm = 500 mm

3) Every additional weight box + 110 mm

10) El₂30, LDB > 8000 mm + 55 mm

El₂90, LDB > 4540 mm + 55 mm

El₂90, LDB > 8000 mm + 100 mm

12) El₂30, El₂90, LDH > 5000 mm + 40 mm

ABB Parking area

BFR Floor guide roller

BP Floor buffer

ELD Travel limit damper

LR Track control

LDB Clear passage width

LDH Clear passage height

MAG 24 V DC magnet

MLB Structural opening width

MLH Structural opening height

OFF Finished floor level

SG Closing weight

TA Telescopic anchor

TVK Front edge of door in the open position

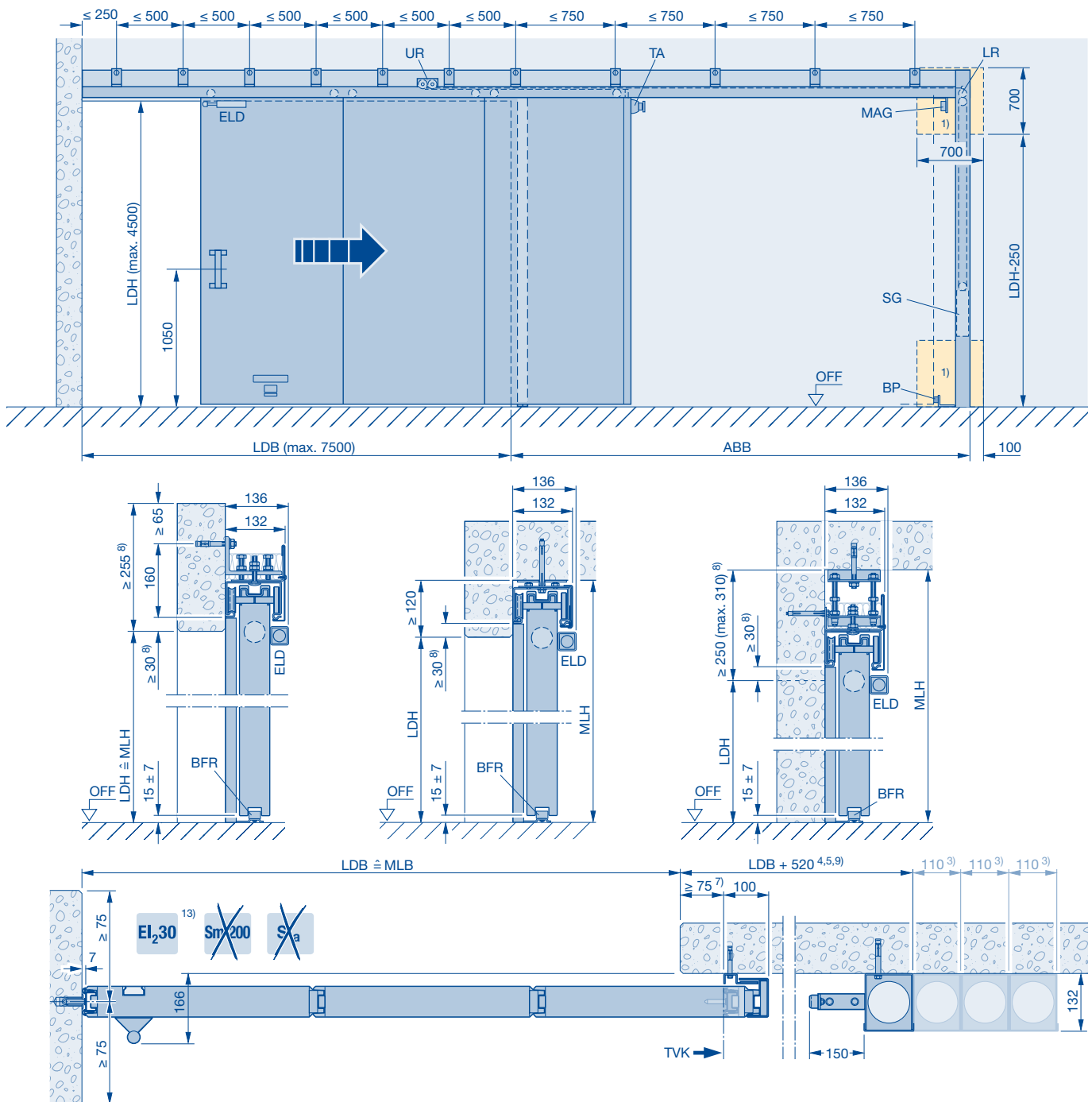
UR Return pulley

FST 30-1 OD

Flush-stopping

Without guiding profile

Wall fitting

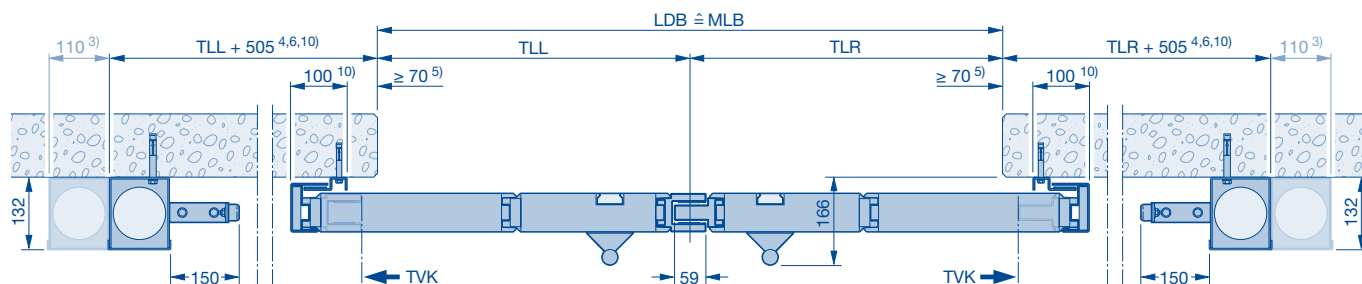
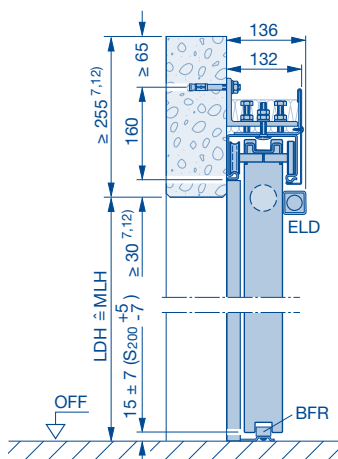
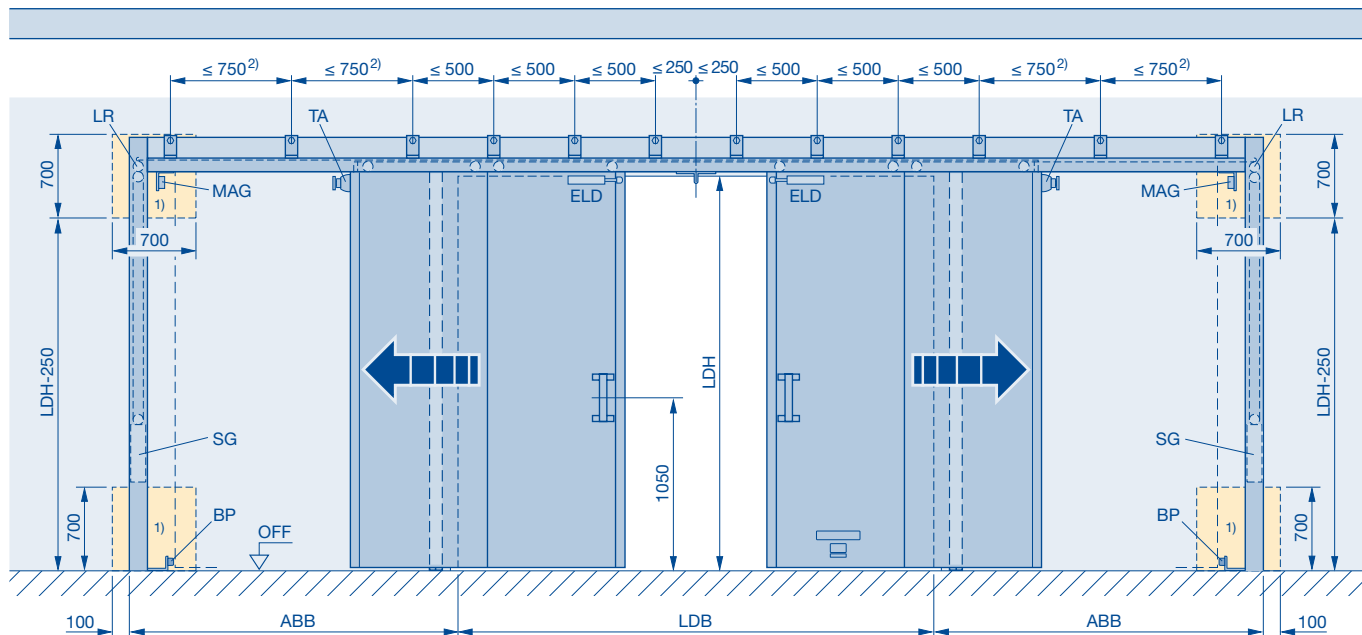


- 1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
- 3) Every additional weight box + 110 mm
- 5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm
- 6) With inlet flap + 40 mm
- 7) With outlet flap + 40 mm
- 8) With ceiling flap + 45 mm
- 9) With compensator + 250 mm
- 13) The wall must be vertical in the sealing area.
- ABB** Parking area
- BFR** Floor guide roller
- BP** Floor buffer

- ELD** Travel limit damper
- LR** Track control
- LDB** Clear passage width
- LDH** Clear passage height
- MAG** 24 V DC magnet
- MLB** Structural opening width
- MLH** Structural opening height
- OFF** Finished floor level
- SG** Closing weight
- TA** Telescopic anchor
- TVK** Front edge of door in the open position
- UR** Return pulley

FST 30-2 OD / FST 90-2 OD

Wall fitting

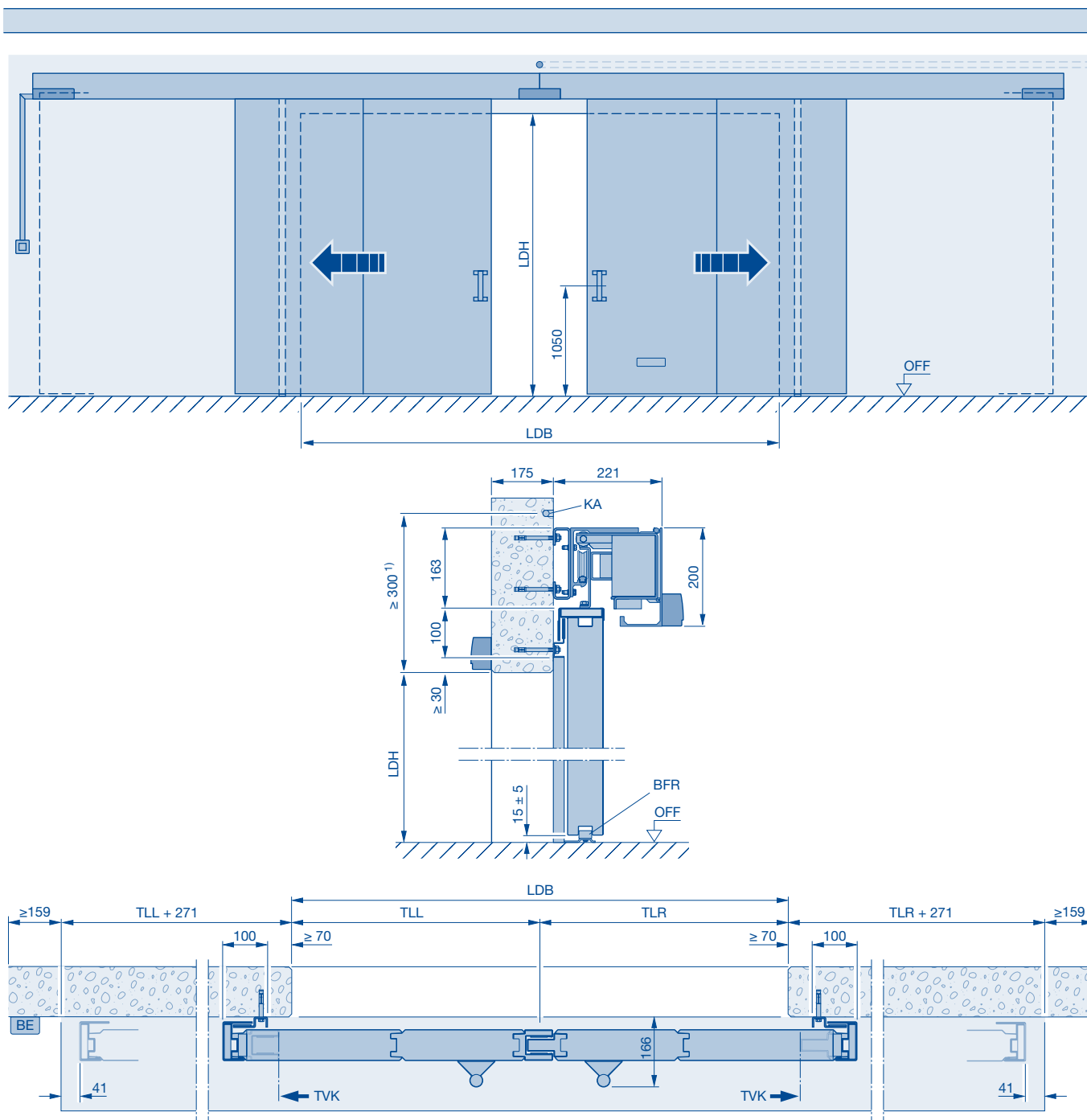


- 1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
- 2) E_l2,30, LDB > 12000 or LDH > 7000 mm = 500 mm
E_l2,90, LDB > 4700 or LDH > 4720 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 4) With *Schnetz* opening aid + 380 mm
Note: 2 opening aids are required with an asymmetrical division (one at each track end).
- 5) With outlet flap + 15 mm
- 6) With outlet flap + 30 mm
- 7) With ceiling flap + 45 mm, **12)** do not take into account
- 10) E_l2,30, 1 leaf > 8000 mm + 55 mm
E_l2,90, 1 leaf > 4540 mm + 55 mm
E_l2,90, 1 leaf > 8000 mm + 100 mm
- 12) E_l2,30, E_l2,90, LDH > 4720 mm + 40 mm

- ABB** Parking area
- BFR** Floor guide roller
- BP** Floor buffer
- ELD** Travel limit damper
- LR** Track control
- LDB** Clear passage width
- LDH** Clear passage height
- MAG** 24 V DC magnet
- MLB** Structural opening width
- MLH** Structural opening height
- OFF** Finished floor level
- SG** Closing weight
- TA** Telescopic anchor
- TLL** Division left
- TLR** Division right
- TVK** Front edge of door in the open position

* FST-S 30-2 / FST-S MZ-2 high-speed sliding door

Wall fitting



* Not available with CE marking (status 04.2021)

Fitting a 22 mm high wicket door threshold is recommended for versions with wicket door due to the quick opening and closing movement.

1) Headroom min. 350 mm to operator formwork opening

3) Every additional weight box + 110 mm

BF Control panel MCU 32

KA Tube for 230 V DC

LDB Clear passage width

LDH Clear passage height

TLL Division left

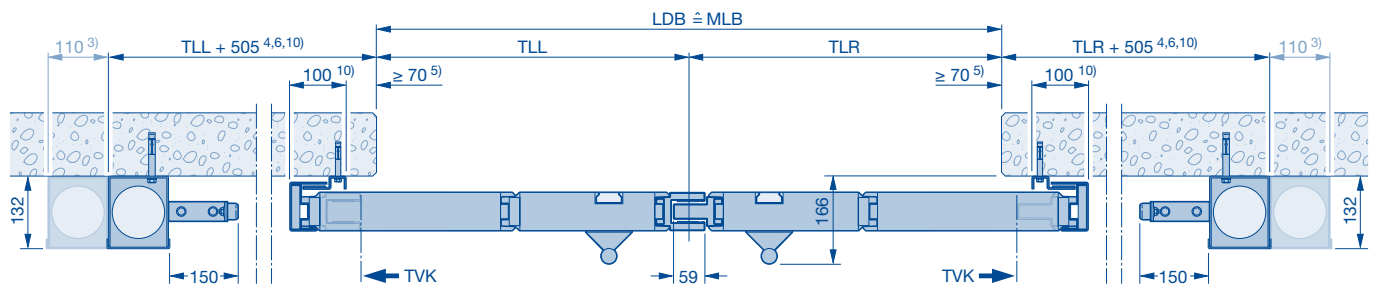
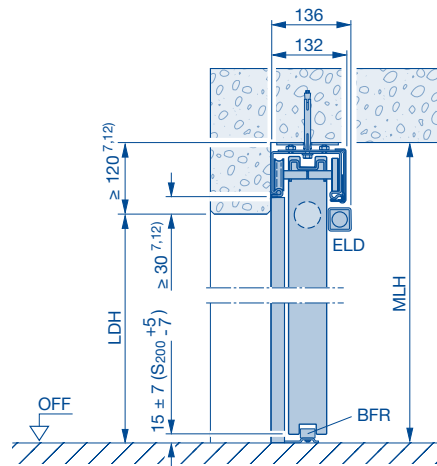
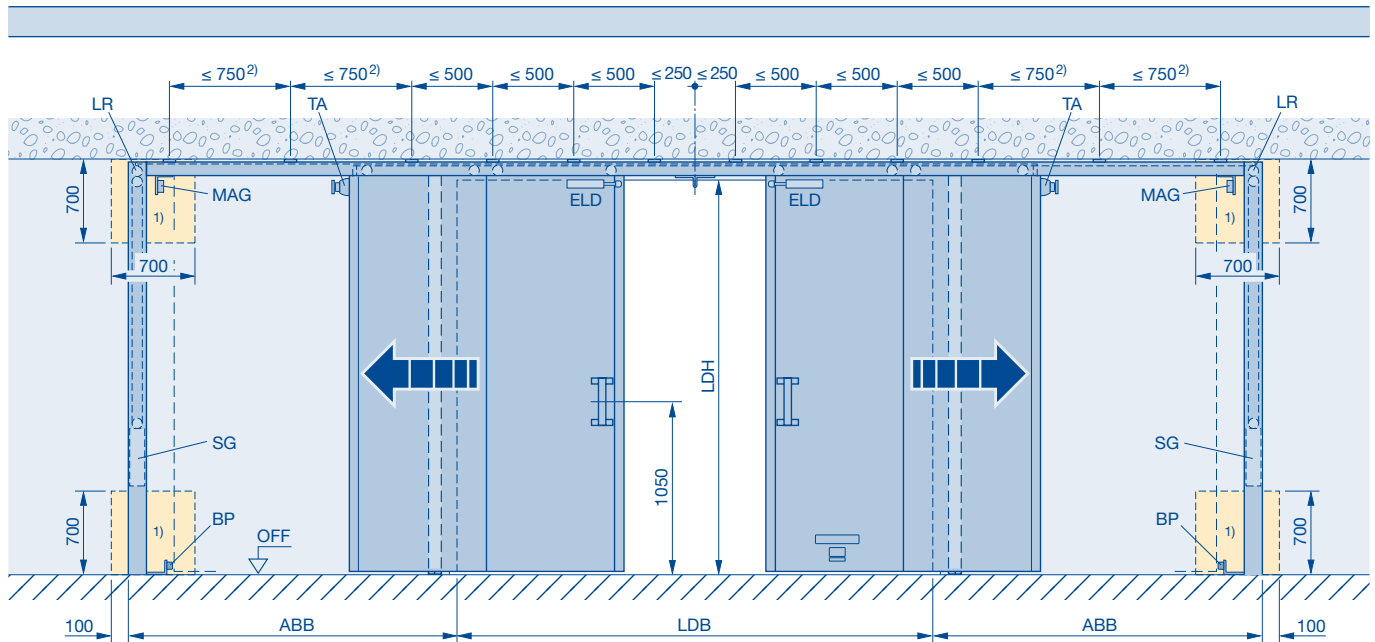
TLR Division right

TVK Front edge of door in the open position

OFF Finished floor level

FST 30-2 OD / FST 90-2 OD

Direct fitting to the ceiling



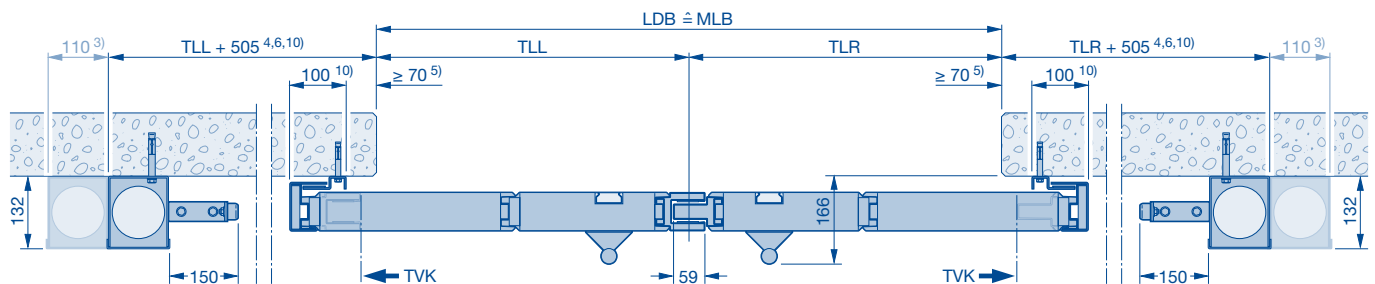
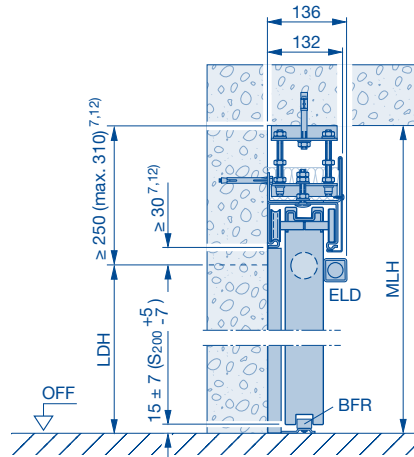
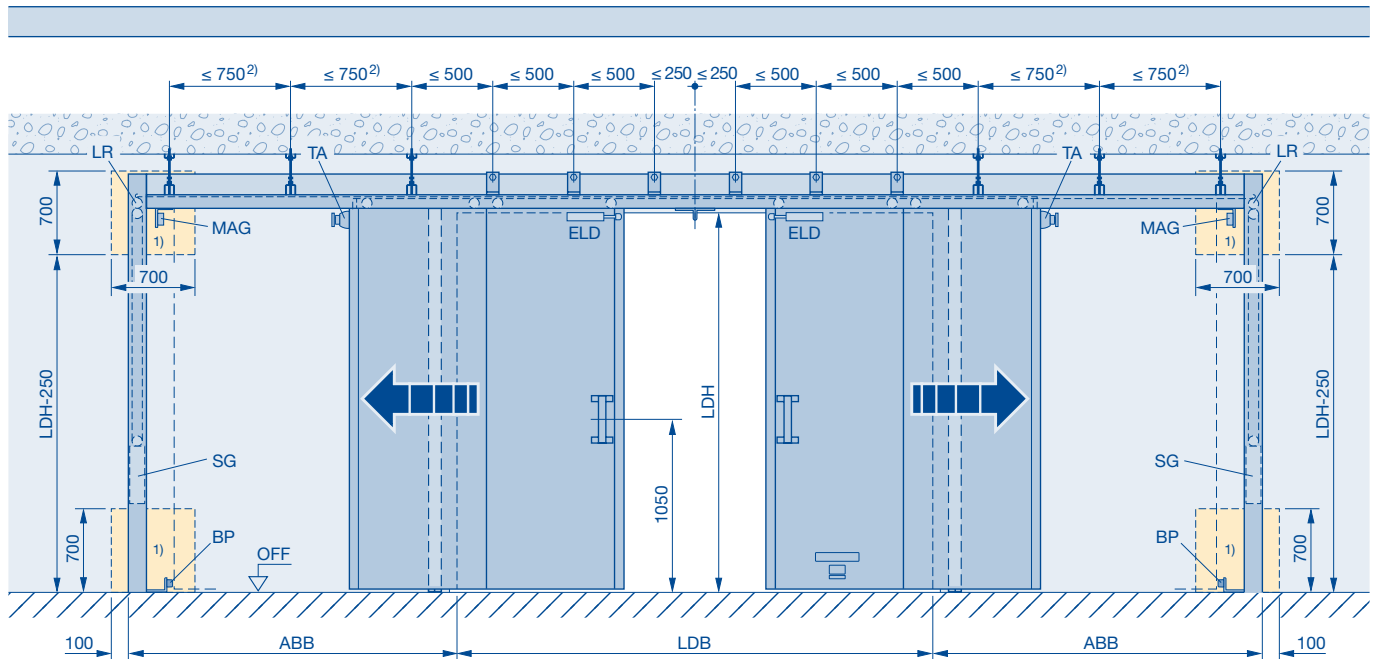
Shown: **opening to both sides, closing in the centre, symmetrical division**
Asymmetrical division is also possible.

- 1) 700 x 700 mm inspection hole required with additional wall, 700 x 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
- 2) E1₂30, LDB > 12000 or LDH > 7000 mm = 500 mm
E1₂90, LDB > 4700 or LDH > 4720 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 4) With *Schnetz* opening aid + 380 mm
Note: 2 opening aids are required with an asymmetrical division (one at each track end).
- 5) With outlet flap + 15 mm
- 6) With outlet flap + 30 mm
- 7) With ceiling flap + 45 mm
- 10) E1₂30, 1 leaf > 8000 mm + 55 mm
E1₂90, 1 leaf > 4540 mm + 55 mm
E1₂90, 1 leaf > 8000 mm + 100 mm

- 12) E1₂30, E1₂90, LDH > 4720 mm + 40 mm
- ABB Parking area
- BFR Floor guide roller
- BP Floor buffer
- ELD Travel limit damper
- LR Track control
- LDB Clear passage width
- LDH Clear passage height
- MAG 24 V DC magnet
- MLB Structural opening width
- MLH Structural opening height
- OFF Finished floor level
- SG Closing weight
- TA Telescopic anchor
- TLL Division left
- TLR Division right
- TVK Front edge of door in the open position

FST 30-2 OD / FST 90-2 OD

Suspended ceiling fitting in the opening area and / or parking area



Shown: opening to both sides, closing in the centre, symmetrical division
Asymmetrical division is also possible.

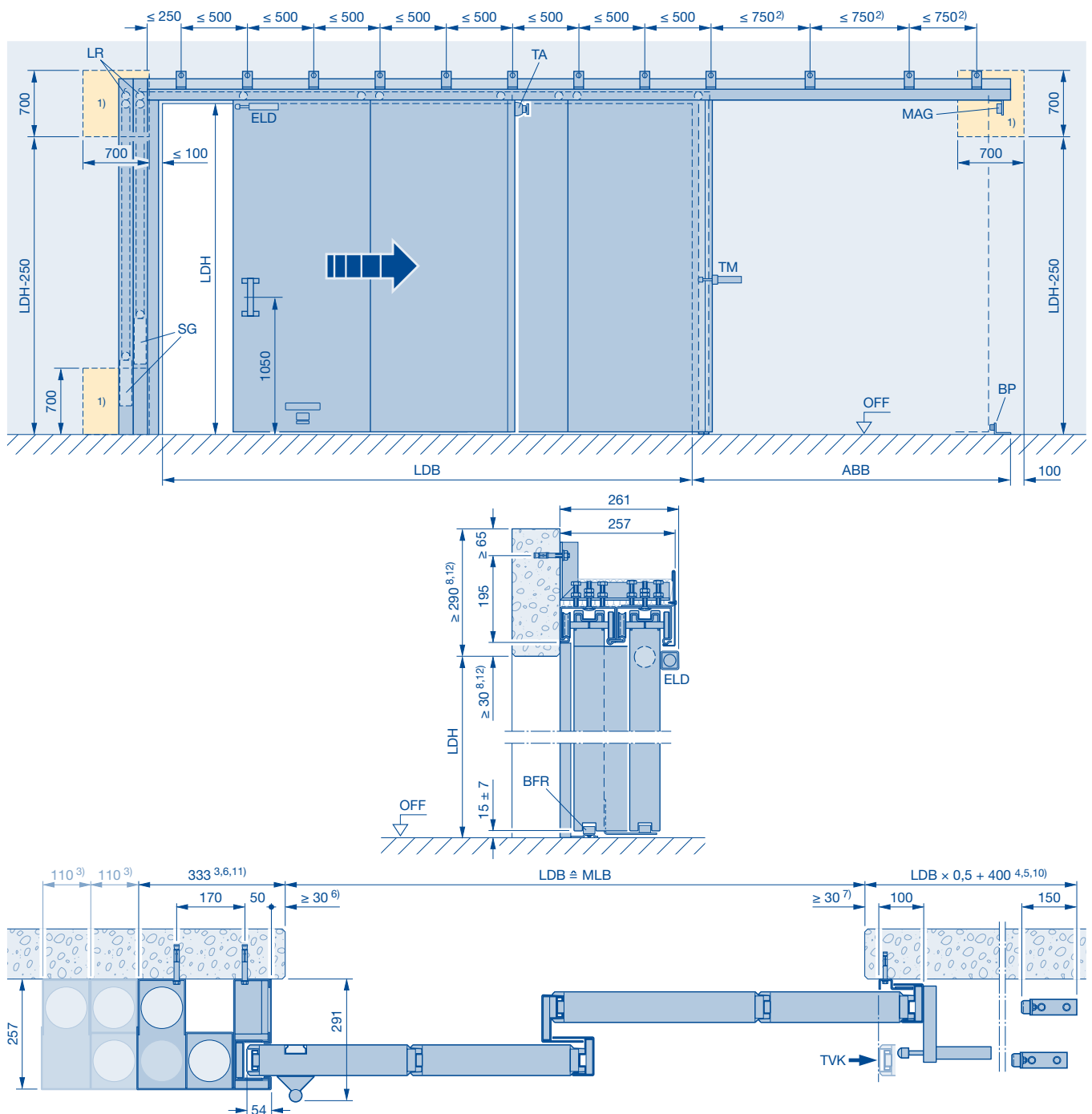
- 1) 700 x 700 mm inspection hole required with additional wall, 700 x 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
- 2) El₂30, LDB > 12000 or LDH > 7000 mm = 500 mm
El₂90, LDB > 4700 or LDH > 4720 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 4) With *Schnetz* opening aid + 380 mm
Note: 2 opening aids are required with an asymmetrical division (one at each track end).
- 5) With outlet flap + 15 mm
- 6) With outlet flap + 30 mm
- 7) With ceiling flap + 45 mm
- 10) El₂30, 1 leaf > 8000 mm + 55 mm
El₂90, 1 leaf > 4540 mm + 55 mm
El₂90, 1 leaf > 8000 mm + 100 mm

- 12) El₂30, El₂90, LDH > 4720 mm + 40 mm
- ABB Parking area
- BFR Floor guide roller
- BP Floor buffer
- ELD Travel limit damper
- LR Track control
- LDB Clear passage width
- LDH Clear passage height
- MAG 24 V DC magnet
- MLB Structural opening width
- MLH Structural opening height
- OFF Finished floor level
- SG Closing weight
- TA Telescopic anchor
- TLL Division left
- TLR Division right
- TVK Front edge of door in the open position

FST 30-1 T2 OD / FST 90-1 T2 OD

Normal guiding

Wall fitting



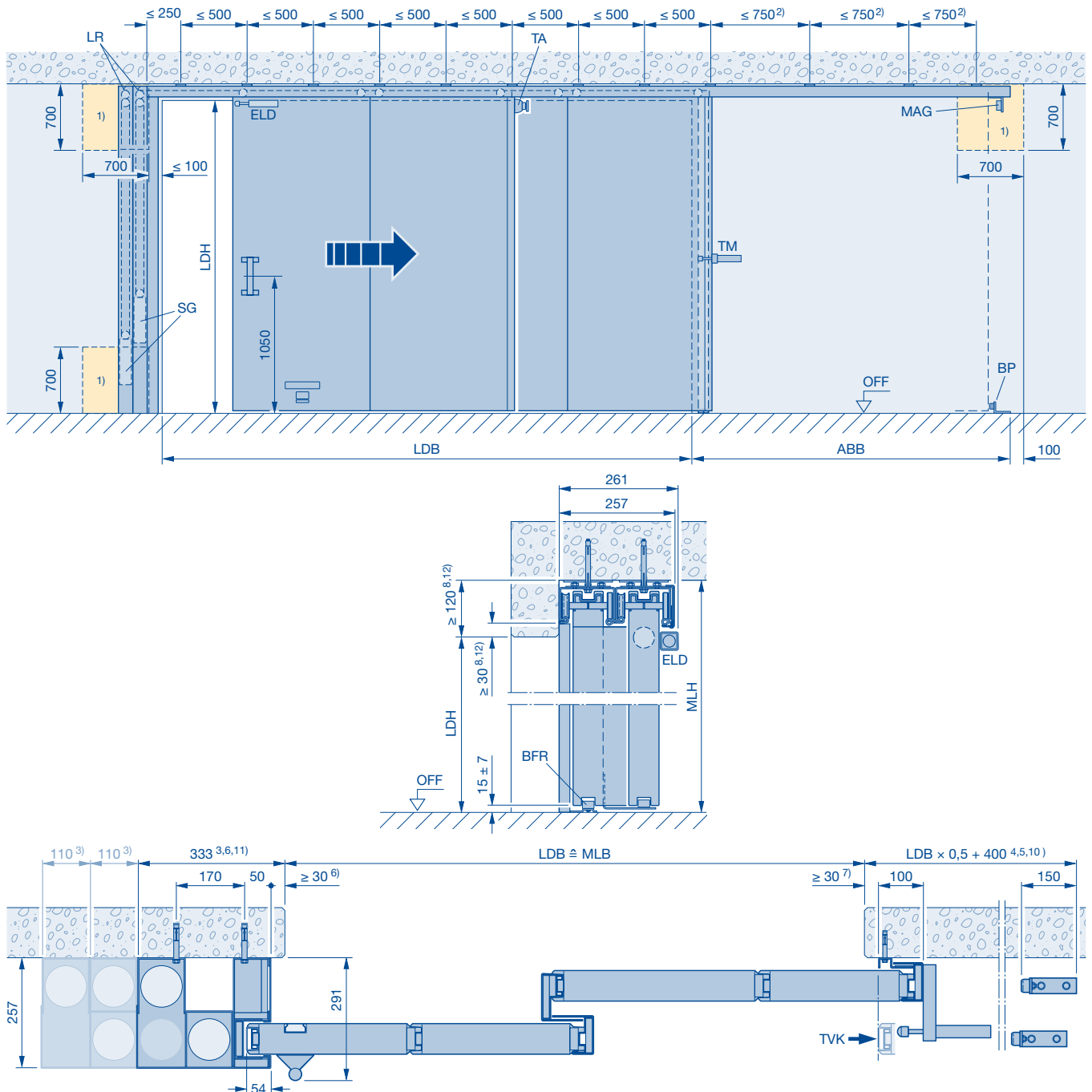
- 1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
- 2) El₂30, LDB > 12000 or LDH > 7000 mm = 500 mm
El₂90, LDB > 4700 or LDH > 4720 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 4) With *Schnetz* opening aid + 380 mm
- 5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm
- 6) With inlet flap + 40 mm
- 7) With outlet flap + 40 mm
- 8) With ceiling flap + 45 mm, **12)** do not take into account
- 10) El₂30, El₂90, LDB > 8000 mm + 55 mm
- 11) With electric strike + 25 mm
- 12) El₂30, El₂90, LDH > 5000 mm + 40 mm

- ABB** Parking area
BFR Floor guide roller
BP Floor buffer
ELD Travel limit damper
LR Track control
LDB Clear passage width
LDH Clear passage height
MAG 24 V DC magnet
MLB Structural opening width
MLH Structural opening height
OFF Finished floor level
SG Closing weight
TA Telescopic anchor
TM Link bracket
TVK Front edge of door in the open position

FST 30-1 T2 OD / FST 90-1 T2 OD

Normal guiding

Direct fitting to the ceiling



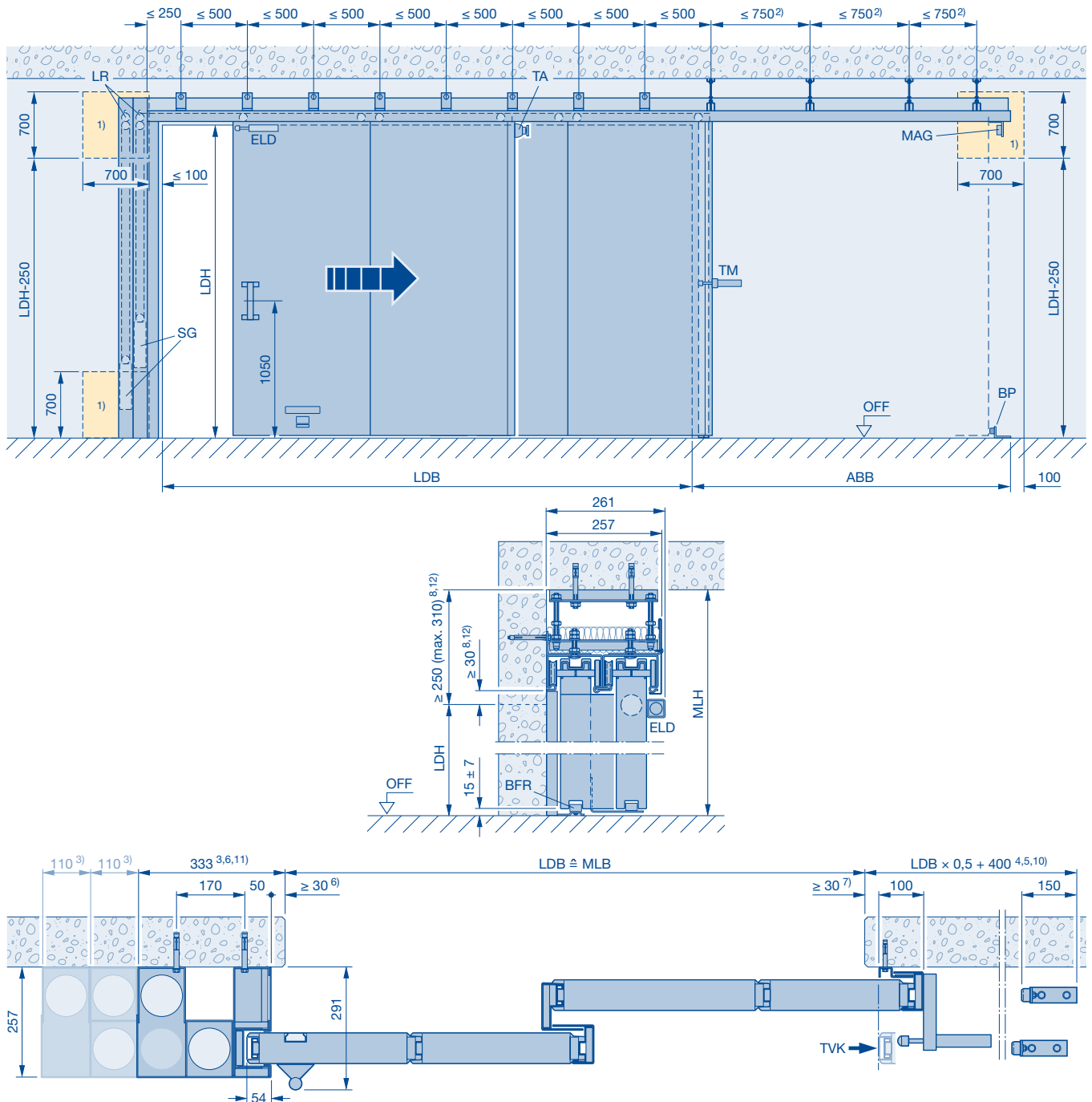
- 1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
- 2) El₂30, LDB > 12000 or LDH > 7000 mm = 500 mm
El₂90, LDB > 4700 or LDH > 4720 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 4) With *Schnetz* opening aid + 380 mm
- 5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm
- 6) With inlet flap + 40 mm
- 7) With outlet flap + 40 mm
- 8) With ceiling flap + 45 mm, **12)** do not take into account
- 10) El₂30, El₂90, LDB > 8000 mm + 55 mm
- 11) With electric strike + 25 mm
- 12) El₂30, El₂90, LDH > 5000 mm + 40 mm

- ABB Parking area
- BFR Floor guide roller
- BP Floor buffer
- ELD Travel limit damper
- LR Track control
- LDB Clear passage width
- LDH Clear passage height
- MAG 24 V DC magnet
- MLB Structural opening width
- MLH Structural opening height
- OFF Finished floor level
- SG Closing weight
- TA Telescopic anchor
- TM Link bracket
- TVK Front edge of door in the open position

FST 30-1 T2 OD / FST 90-1 T2 OD

Normal guiding

Suspended ceiling fitting in the opening area and / or parking area



- 1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
- 2) E1230, LDB > 12000 or LDH > 7000 mm = 500 mm
E1290, LDB > 4700 or LDH > 4720 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 4) With *Schnetz* opening aid + 380 mm
- 5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm
- 6) With inlet flap + 40 mm
- 7) With outlet flap + 40 mm
- 8) With ceiling flap + 45 mm, 12) do not take into account
- 10) E1230, E1290, LDB > 8000 mm + 55 mm
- 11) With electric strike + 25 mm
- 12) E1230, E1290, LDH > 5000 mm + 40 mm

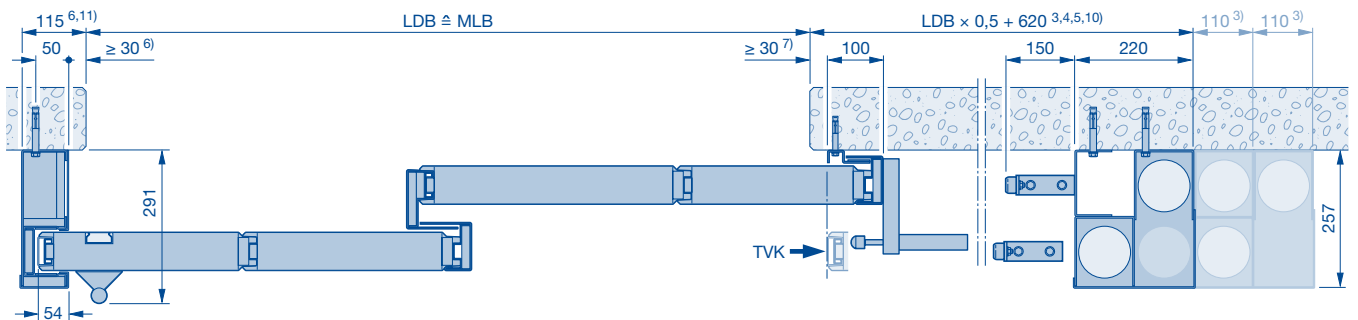
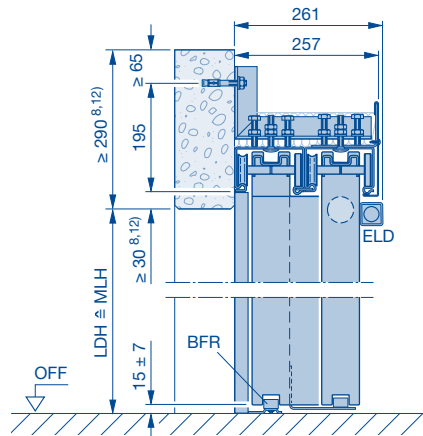
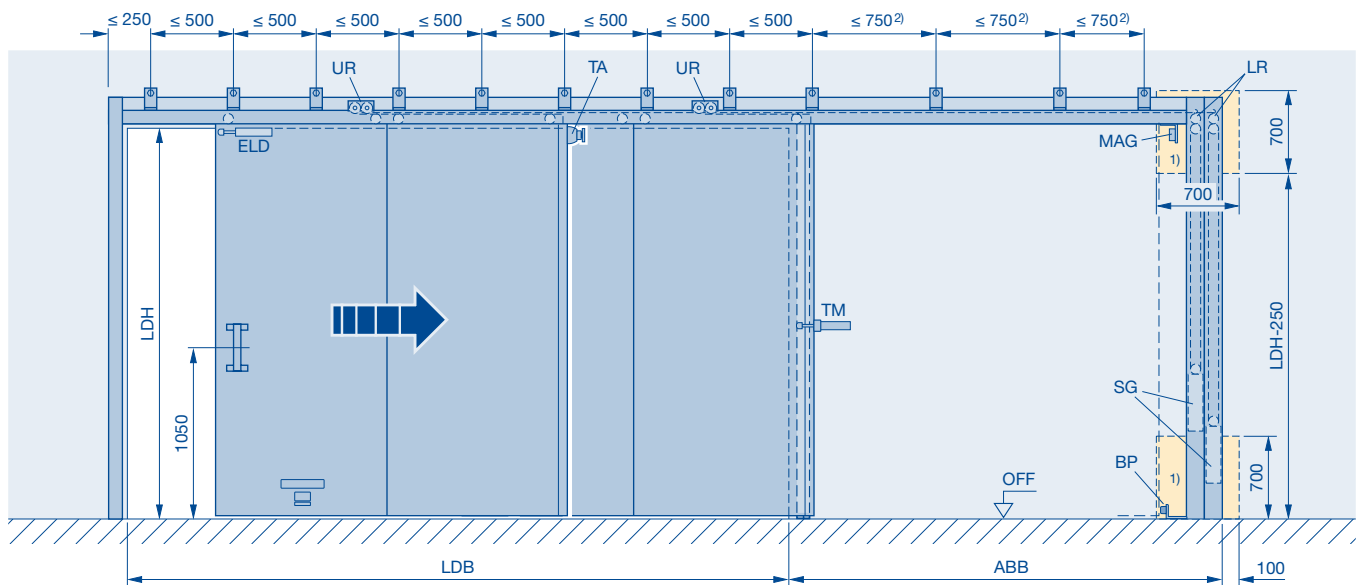
- ABB** Parking area
- BFR** Floor guide roller
- BP** Floor buffer
- ELD** Travel limit damper
- LR** Track control
- LDB** Clear passage width
- LDH** Clear passage height
- MAG** 24 V DC magnet
- MLB** Structural opening width
- MLH** Structural opening height
- OFF** Finished floor level
- SG** Closing weight
- TA** Telescopic anchor
- TM** Link bracket
- TVK** Front edge of door in the open position

FST 30-1 T2 OD

Normal guiding

Weight diverted

Wall fitting



- 1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
- 2) El₂30, LDB > 12000 or LDH > 7000 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 4) With *Schnetz* opening aid + 380 mm
- 5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm
- 6) With inlet flap + 40 mm
- 7) With outlet flap + 40 mm
- 8) With ceiling flap + 45 mm, **12)** do not take into account
- 10) El₂30, LDB > 8000 mm + 55 mm
- 11) With electric strike + 25 mm
- 12) El₂30, LDH > 5000 mm + 40 mm

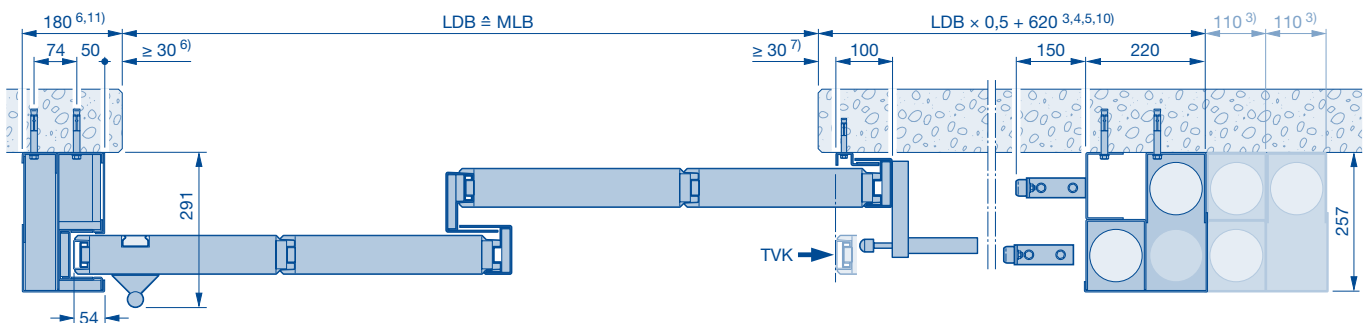
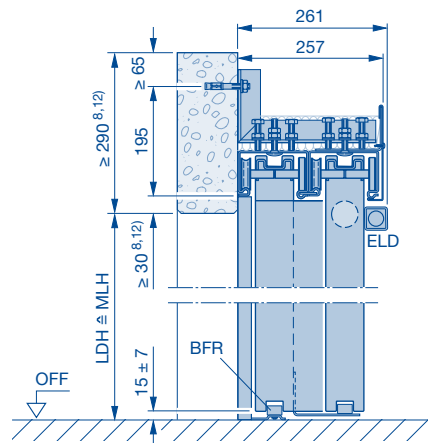
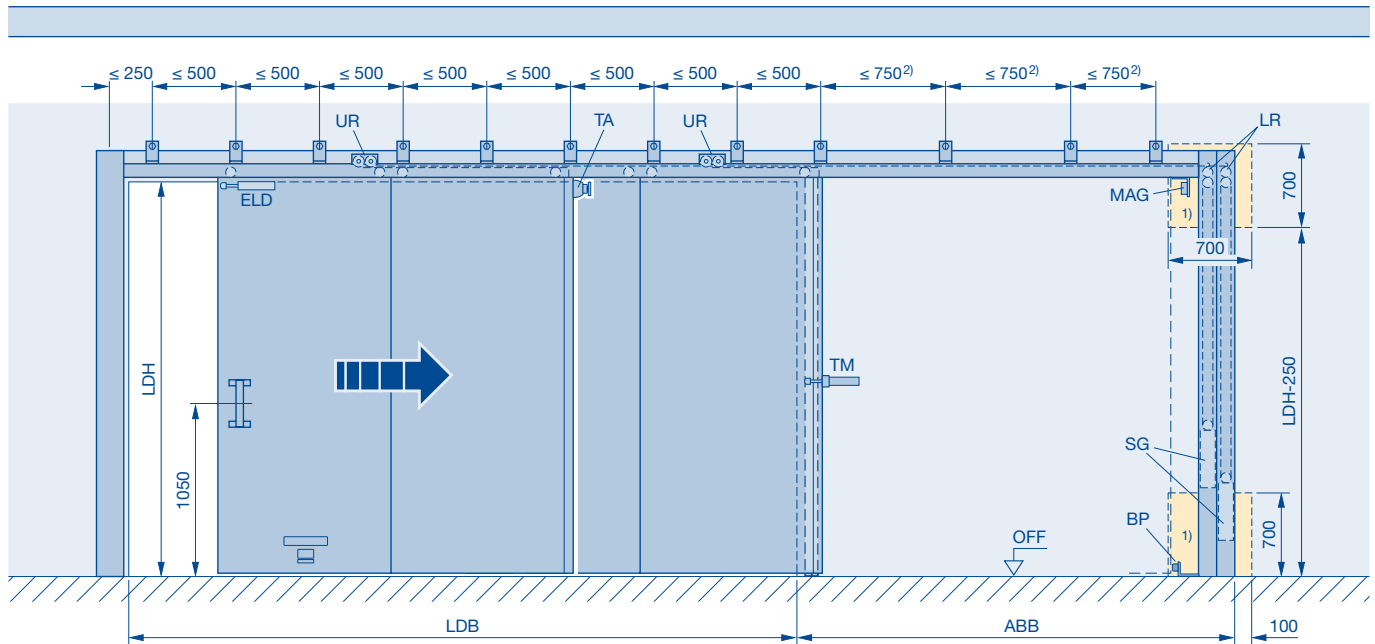
- ABB** Parking area
- BFR** Floor guide roller
- BP** Floor buffer
- ELD** Travel limit damper
- LR** Track control
- LDB** Clear passage width
- LDH** Clear passage height
- MAG** 24 V DC magnet
- MLB** Structural opening width
- MLH** Structural opening height
- OFF** Finished floor level
- SG** Closing weight
- TA** Telescopic anchor
- TM** Link bracket
- TVK** Front edge of door in the open position

FST 90-1 T2 OD

Normal guiding

Weight diverted

Wall fitting



- 1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
- 2) EI₂90, LDB > 4700 or LDH > 4720 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 4) With *Schnetz* opening aid + 380 mm
- 5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm
- 6) With inlet flap + 40 mm
- 7) With outlet flap + 40 mm
- 8) With ceiling flap + 45 mm, **12)** do not take into account
- 10) EI₂90, LDB > 8000 mm + 55 mm
- 11) With electric strike + 25 mm
- 12) EI₂90, LDH > 5000 mm + 40 mm

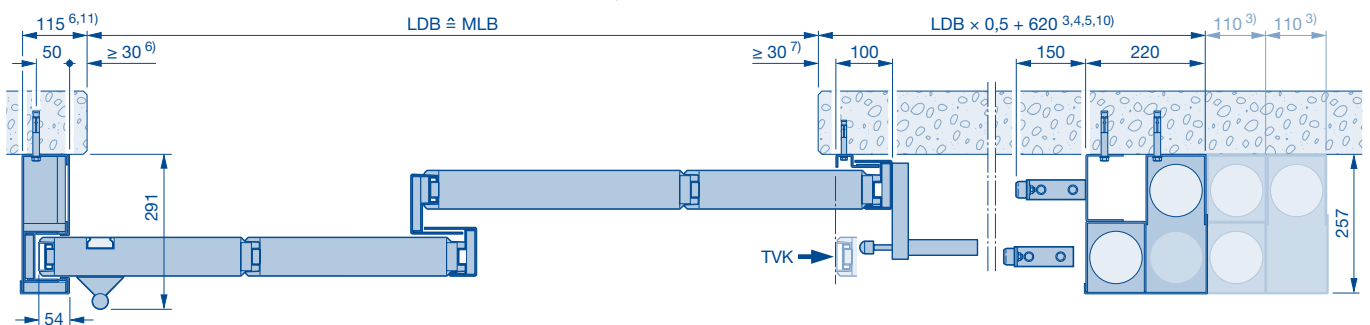
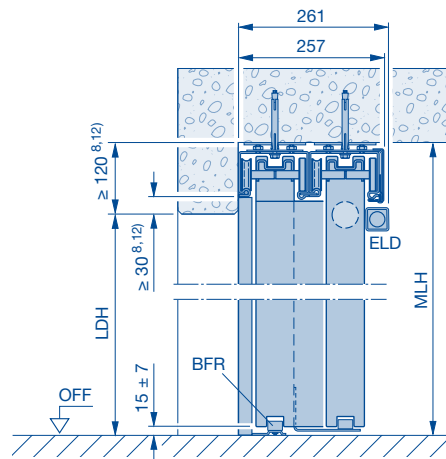
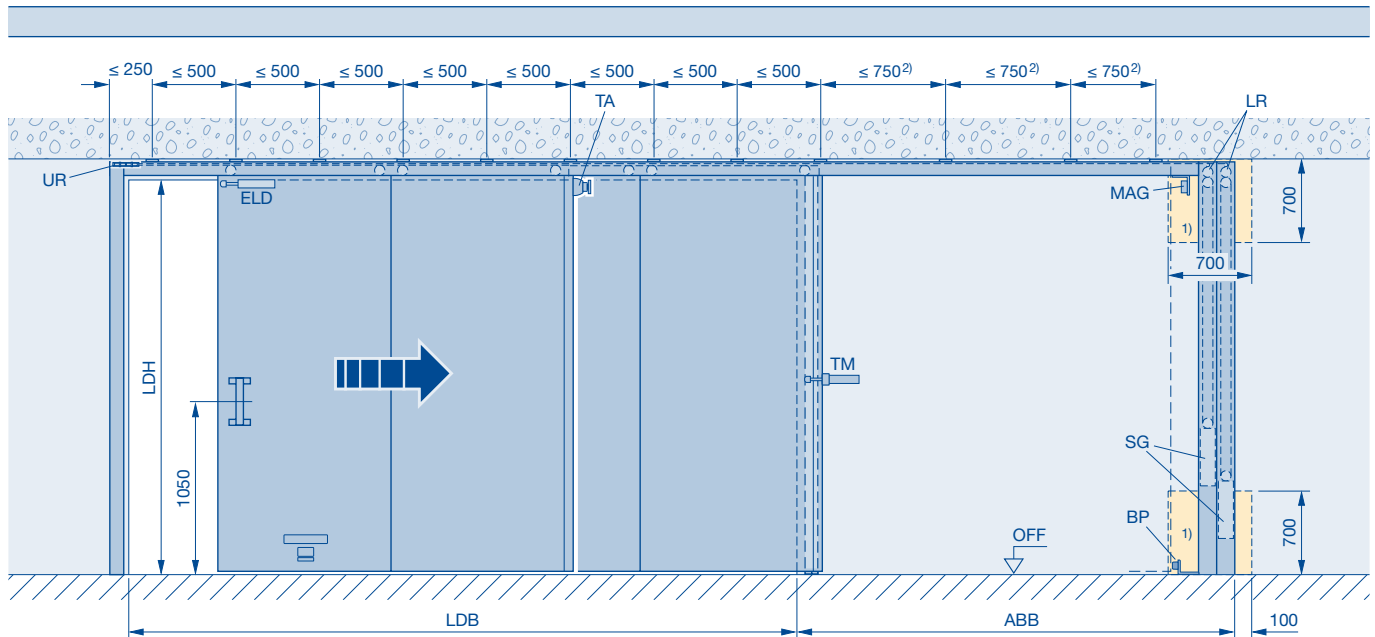
- ABB** Parking area
- BFR** Floor guide roller
- BP** Floor buffer
- ELD** Travel limit damper
- LR** Track control
- LDB** Clear passage width
- LDH** Clear passage height
- MAG** 24 V DC magnet
- MLB** Structural opening width
- MLH** Structural opening height
- OFF** Finished floor level
- SG** Closing weight
- TA** Telescopic anchor
- TM** Link bracket
- TVK** Front edge of door in the open position

FST 30-1 T2 OD

Normal guiding

Weight diverted

Direct fitting to the ceiling



- 1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
- 2) El₂30, LDB > 12000 or LDH > 7000 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 4) With *Schnetz* opening aid + 380 mm
- 5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm
- 6) With inlet flap + 40 mm
- 7) With outlet flap + 40 mm
- 8) With ceiling flap + 45 mm, **12)** do not take into account
- 10) El₂30, LDB > 8000 mm + 55 mm
- 11) With electric strike + 25 mm
- 12) El₂30, LDH > 5000 mm + 40 mm

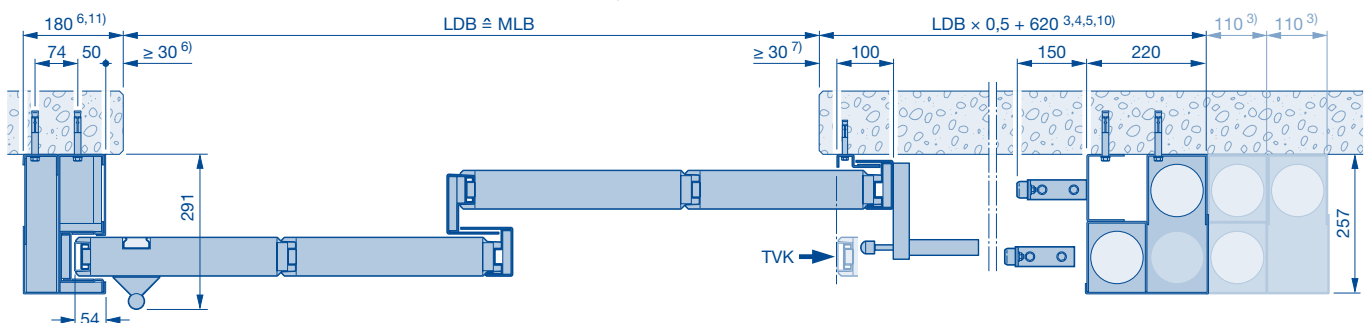
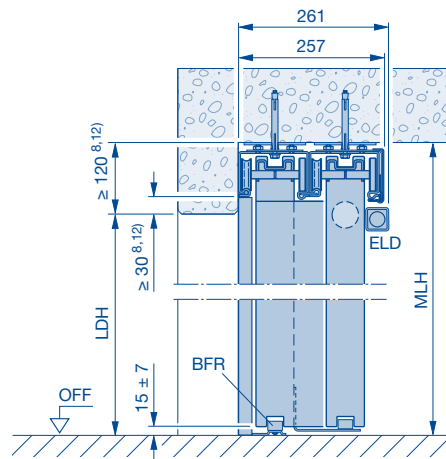
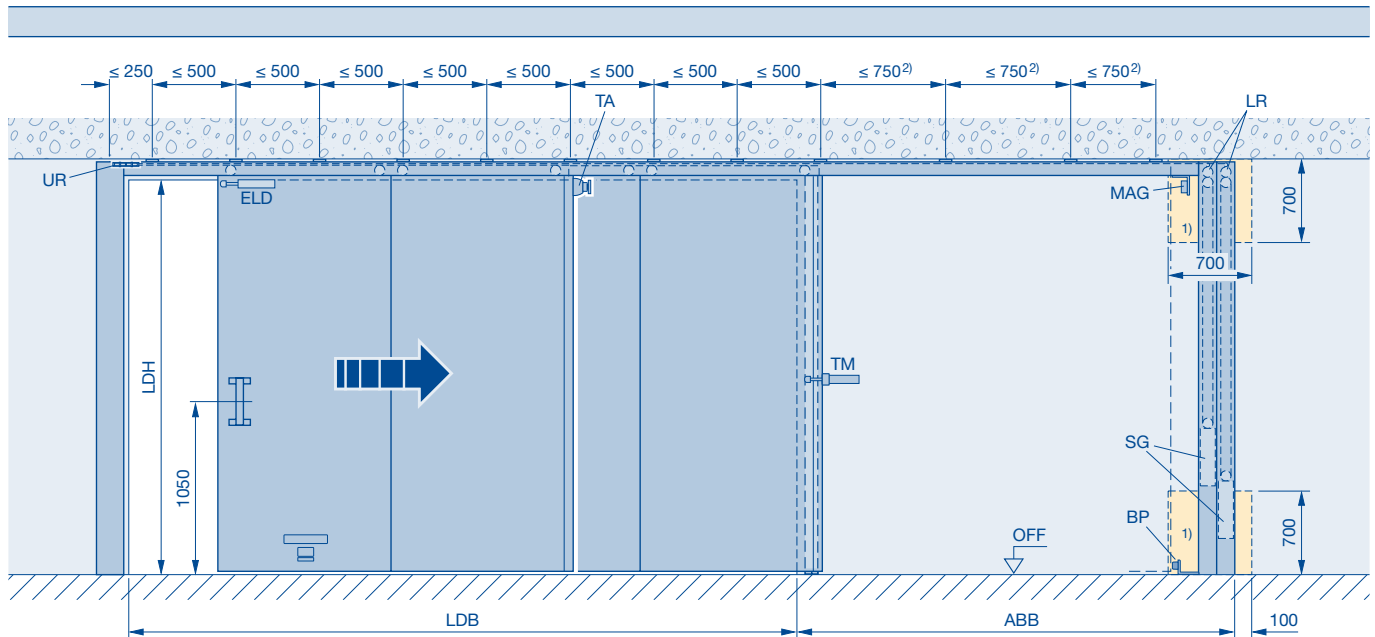
- ABB** Parking area
- BFR** Floor guide roller
- BP** Floor buffer
- ELD** Travel limit damper
- LR** Track control
- LDB** Clear passage width
- LDH** Clear passage height
- MAG** 24 V DC magnet
- MLB** Structural opening width
- MLH** Structural opening height
- OFF** Finished floor level
- SG** Closing weight
- TA** Telescopic anchor
- TM** Link bracket
- TVK** Front edge of door in the open position

FST 90-1 T2 OD

Normal guiding

Weight diverted

Direct fitting to the ceiling



- 1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
- 2) EI₂90, LDB > 4700 or LDH > 4720 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 4) With *Schnetz* opening aid + 380 mm
- 5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm
- 6) With inlet flap + 40 mm
- 7) With outlet flap + 40 mm
- 8) With ceiling flap + 45 mm, 12) do not take into account
- 10) EI₂90, LDB > 8000 mm + 55 mm
- 11) With electric strike + 25 mm
- 12) EI₂90, LDH > 5000 mm + 40 mm

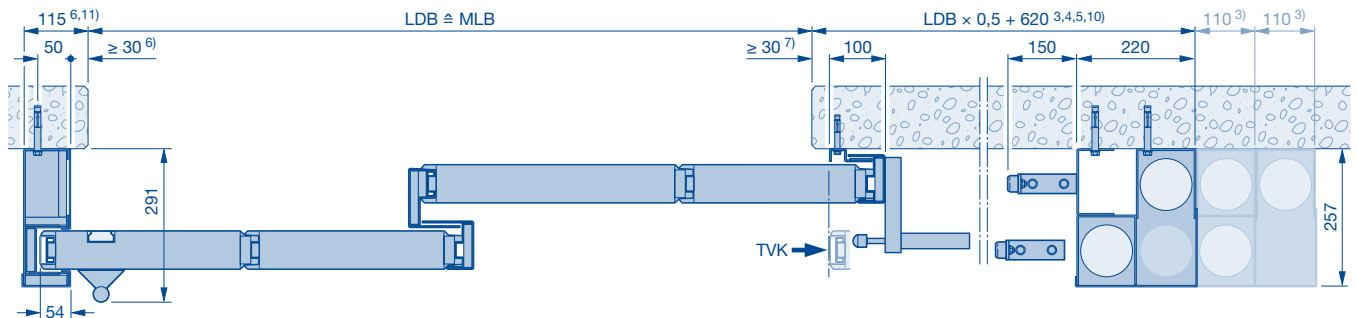
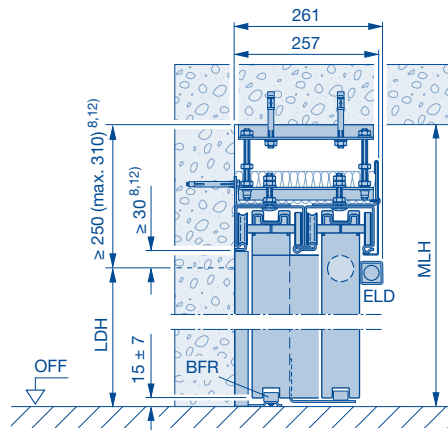
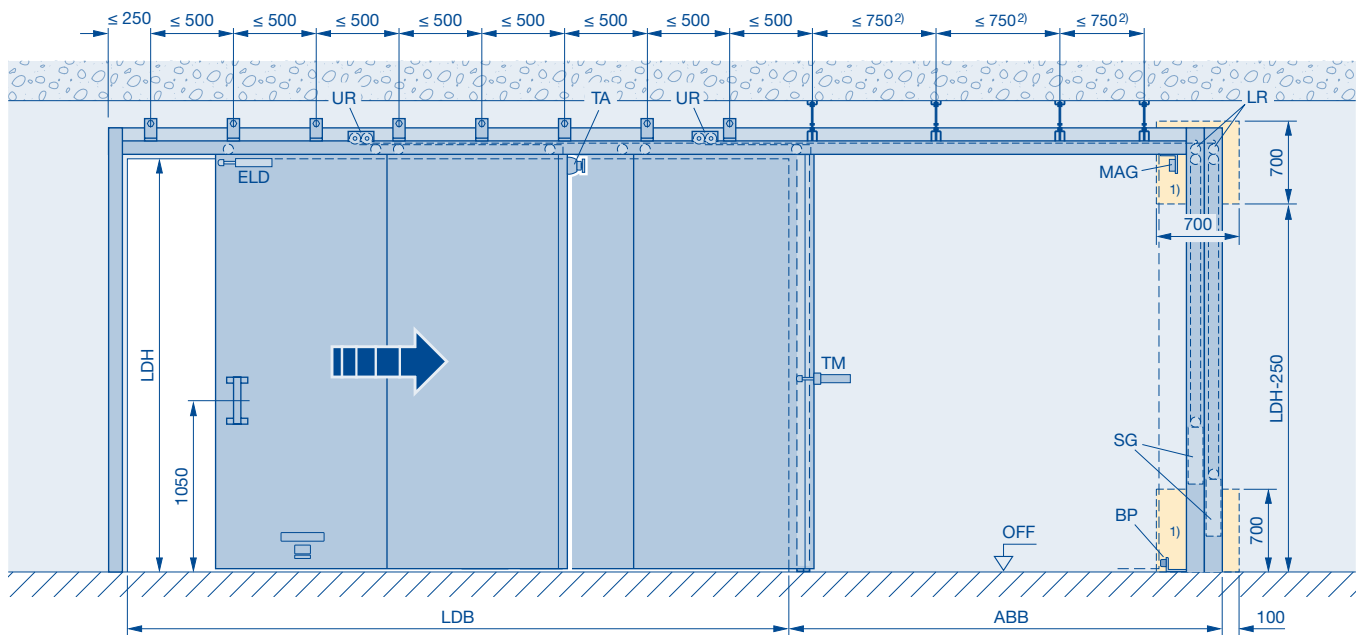
- ABB** Parking area
- BFR** Floor guide roller
- BP** Floor buffer
- ELD** Travel limit damper
- LR** Track control
- LDB** Clear passage width
- LDH** Clear passage height
- MAG** 24 V DC magnet
- MLB** Structural opening width
- MLH** Structural opening height
- OFF** Finished floor level
- SG** Closing weight
- TA** Telescopic anchor
- TM** Link bracket
- TVK** Front edge of door in the open position

FST 30-1 T2 OD

Normal guiding

Weight diverted

Suspended ceiling fitting in the opening area and / or parking area



- 1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
- 2) EI₂30, LDB > 12000 or LDH > 7000 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 4) With *Schnetz* opening aid + 380 mm
- 5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm
- 6) With inlet flap + 40 mm
- 7) With outlet flap + 40 mm
- 8) With ceiling flap + 45 mm, 12) do not take into account
- 10) EI₂30, LDB > 8000 mm + 55 mm
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- 12) EI₂30, LDH > 5000 mm + 40 mm

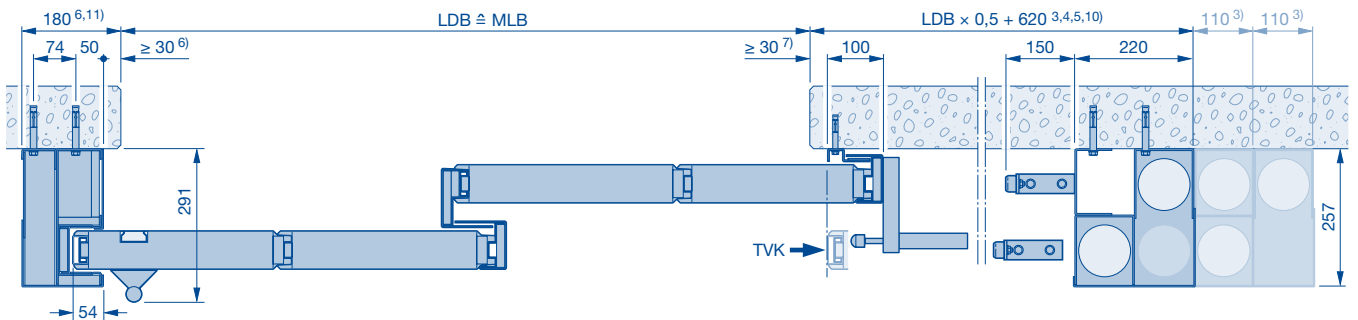
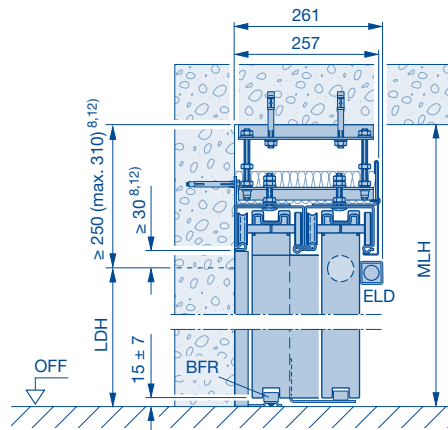
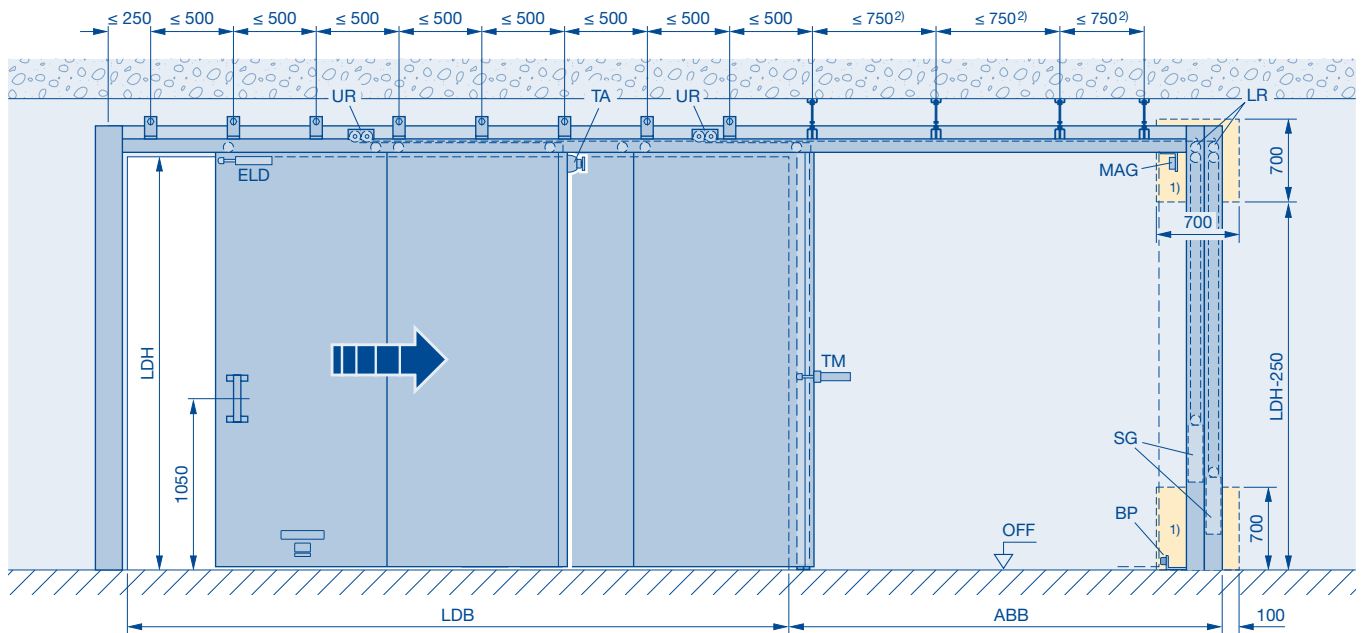
- ABB** Parking area
- BFR** Floor guide roller
- BP** Floor buffer
- ELD** Travel limit damper
- LR** Track control
- LDB** Clear passage width
- LDH** Clear passage height
- MAG** 24 V DC magnet
- MLB** Structural opening width
- MLH** Structural opening height
- OFF** Finished floor level
- SG** Closing weight
- TA** Telescopic anchor
- TM** Link bracket
- TVK** Front edge of door in the open position

FST 90-1 T2 OD

Normal guiding

Weight diverted

Suspended ceiling fitting in the opening area and / or parking area



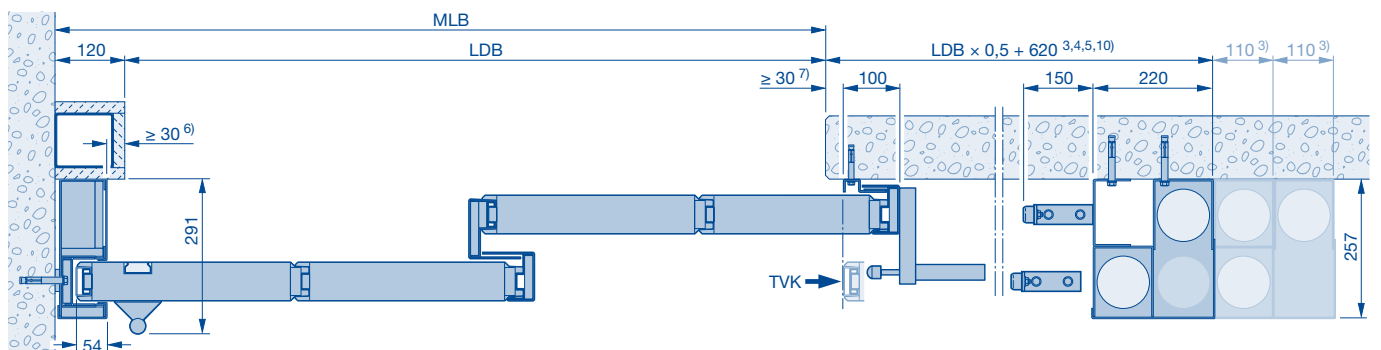
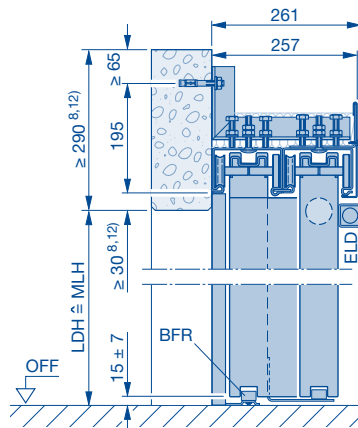
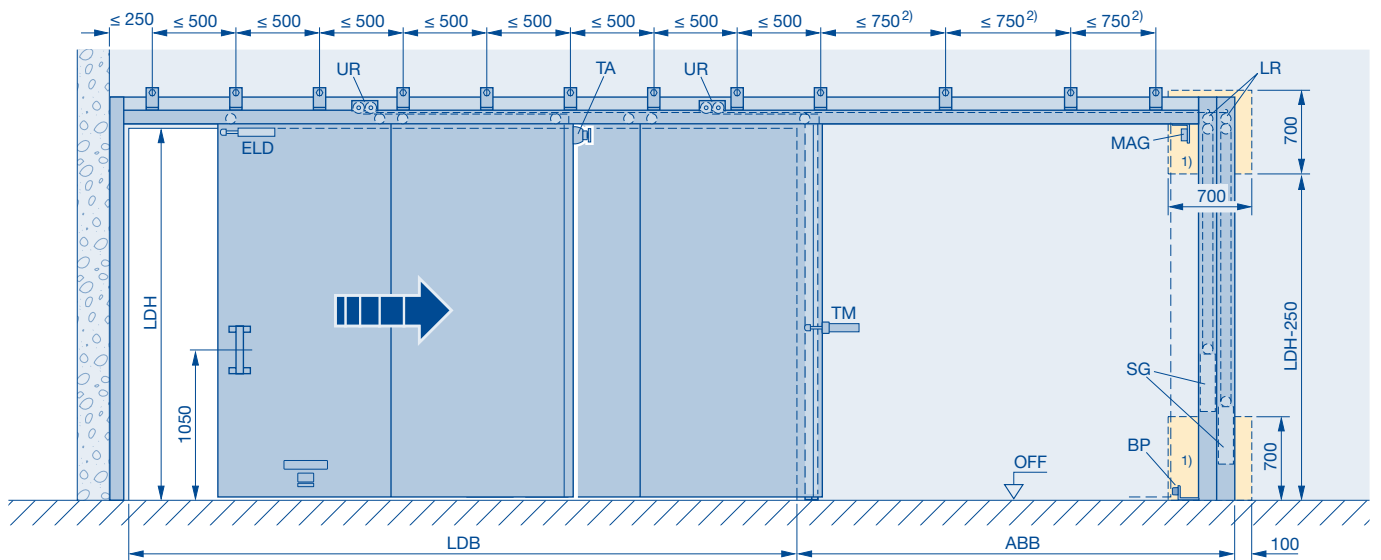
- 1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
- 2) E_l290, LDB > 4700 or LDH > 4720 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 4) With *Schnetz* opening aid + 380 mm
- 5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm
- 6) With inlet flap + 40 mm
- 7) With outlet flap + 40 mm
- 8) With ceiling flap + 45 mm, **12** do not take into account
- 10) E_l290, LDB > 8000 mm + 55 mm
- 11) With electric strike + 25 mm
- 12) E_l290, LDH > 5000 mm + 40 mm

- ABB** Parking area
- BFR** Floor guide roller
- BP** Floor buffer
- ELD** Travel limit damper
- LR** Track control
- LDB** Clear passage width
- LDH** Clear passage height
- MAG** 24 V DC magnet
- MLB** Structural opening width
- MLH** Structural opening height
- OFF** Finished floor level
- SG** Closing weight
- TA** Telescopic anchor
- TM** Link bracket
- TVK** Front edge of door in the open position

FST 30-1 T2 OD / FST 90-1 T2 OD

Flush guiding

Wall fitting



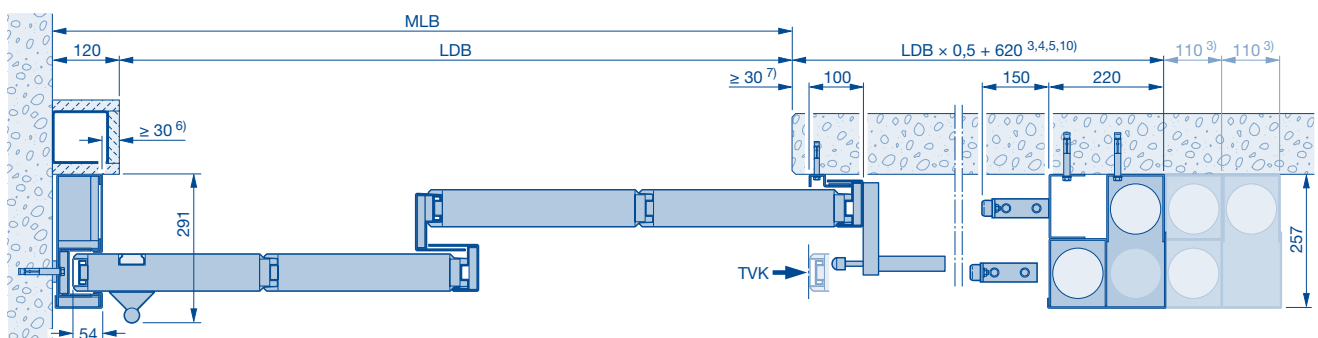
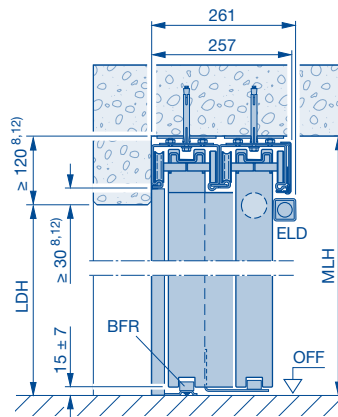
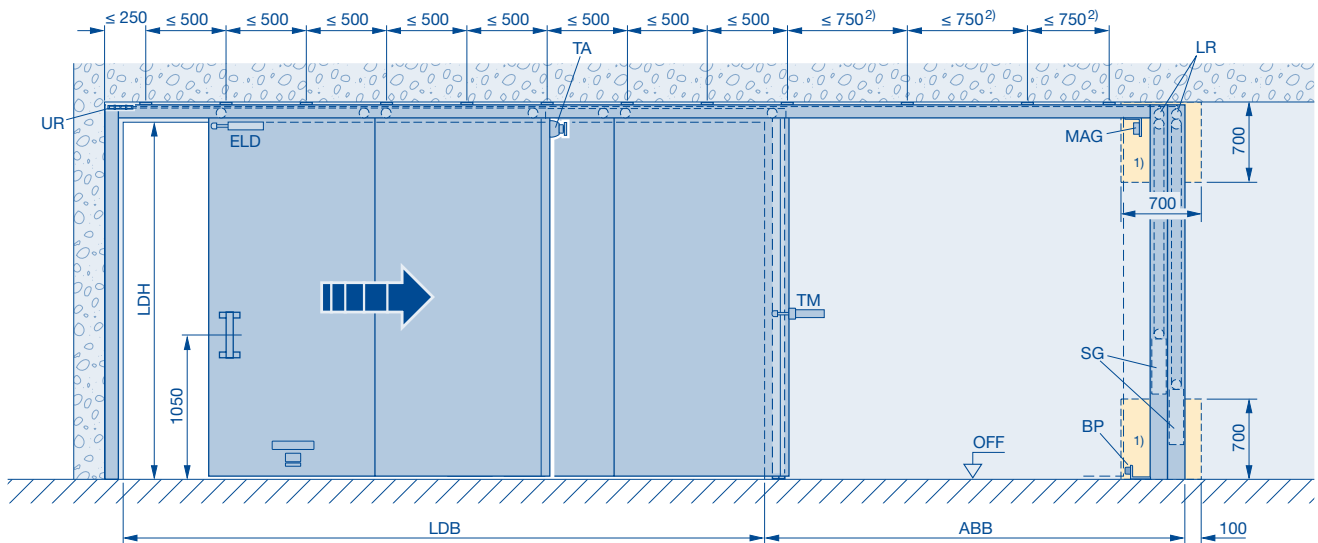
- 1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
- 2) El₂30, LDB > 12000 or LDH > 7000 mm = 500 mm
El₂90, LDB > 4700 or LDH > 4720 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 4) With *Schnetz* opening aid + 380 mm
- 5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm
- 6) With inlet flap + 40 mm
- 7) With outlet flap + 40 mm
- 8) With ceiling flap + 45 mm, **12)** do not take into account
- 10) El₂30, El₂90, LDB > 8000 mm + 55 mm
- 12) El₂30, El₂90, LDH > 5000 mm + 40 mm

- ABB** Parking area
- BFR** Floor guide roller
- BP** Floor buffer
- ELD** Travel limit damper
- LR** Track control
- LDB** Clear passage width
- LDH** Clear passage height
- MAG** 24 V DC magnet
- MLB** Structural opening width
- MLH** Structural opening height
- OFF** Finished floor level
- SG** Closing weight
- TA** Telescopic anchor
- TM** Link bracket
- TVK** Front edge of door in the open position

FST 30-1 T2 OD / FST 90-1 T2 OD

Flush guiding

Direct fitting to the ceiling



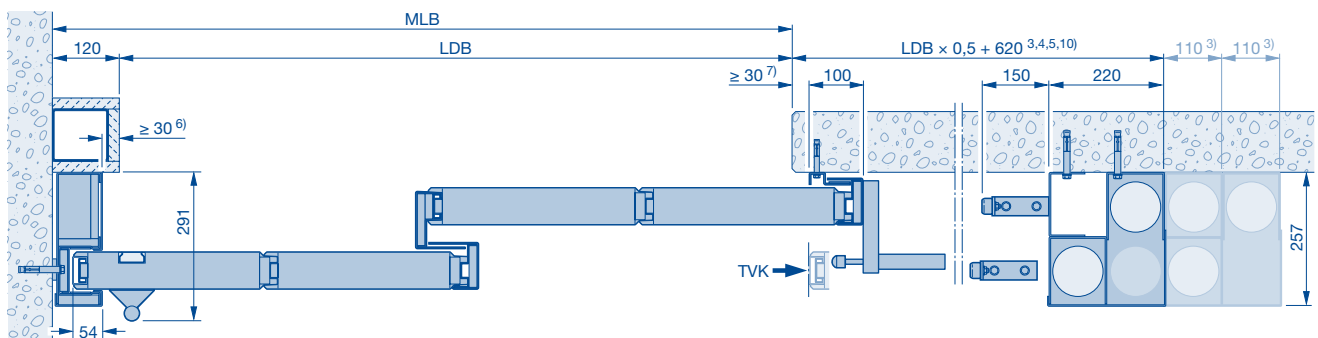
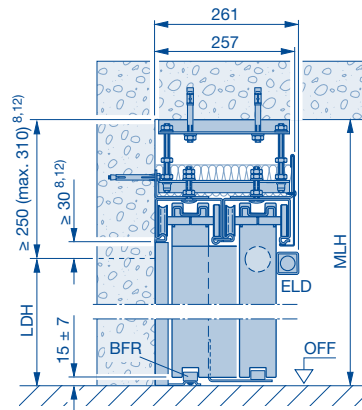
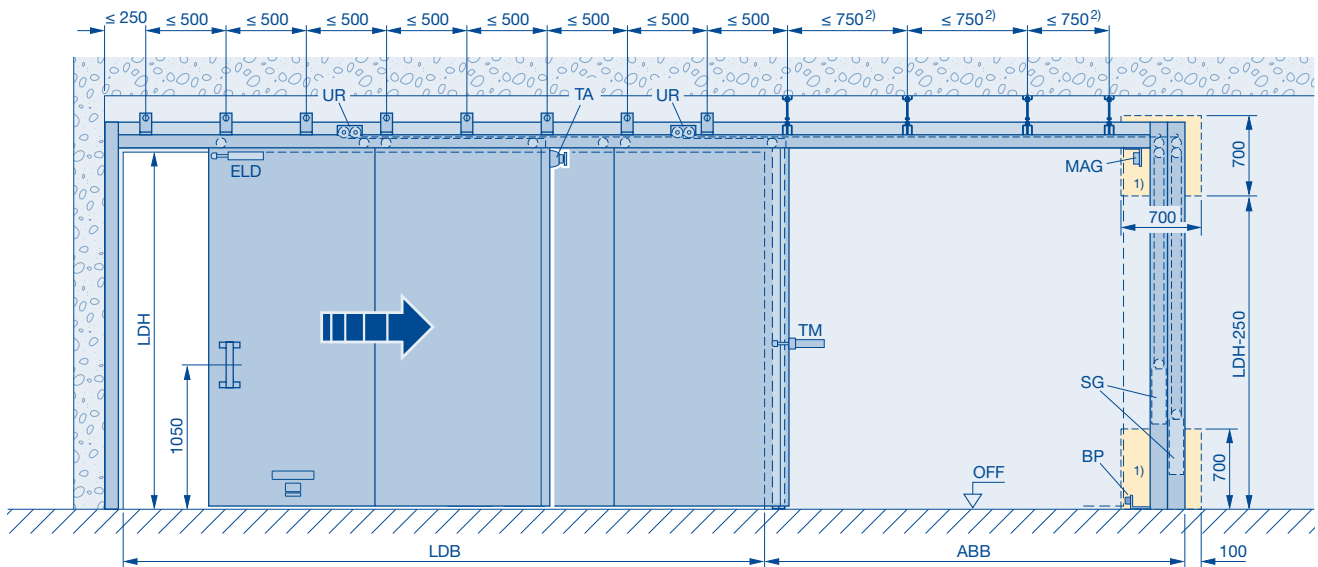
- 1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
- 2) E1₂30, LDB > 12000 or LDH > 7000 mm = 500 mm
E1₂90, LDB > 4700 or LDH > 4720 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 4) With *Schnetz* opening aid + 380 mm
- 5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm
- 6) With inlet flap + 40 mm
- 7) With outlet flap + 40 mm
- 8) With ceiling flap + 45 mm
- 10) E1₂30, E1₂90, LDB > 8000 mm + 55 mm
- 12) E1₂30, E1₂90, LDH > 5000 mm + 40 mm

- ABB Parking area
- BFR Floor guide roller
- BP Floor buffer
- ELD Travel limit damper
- LR Track control
- LDB Clear passage width
- LDH Clear passage height
- MAG 24 V DC magnet
- MLB Structural opening width
- MLH Structural opening height
- OFF Finished floor level
- SG Closing weight
- TA Telescopic anchor
- TM Link bracket
- TVK Front edge of door in the open position

FST 30-1 T2 OD / FST 90-1 T2 OD

Flush guiding

Suspended ceiling fitting in the opening area and / or parking area



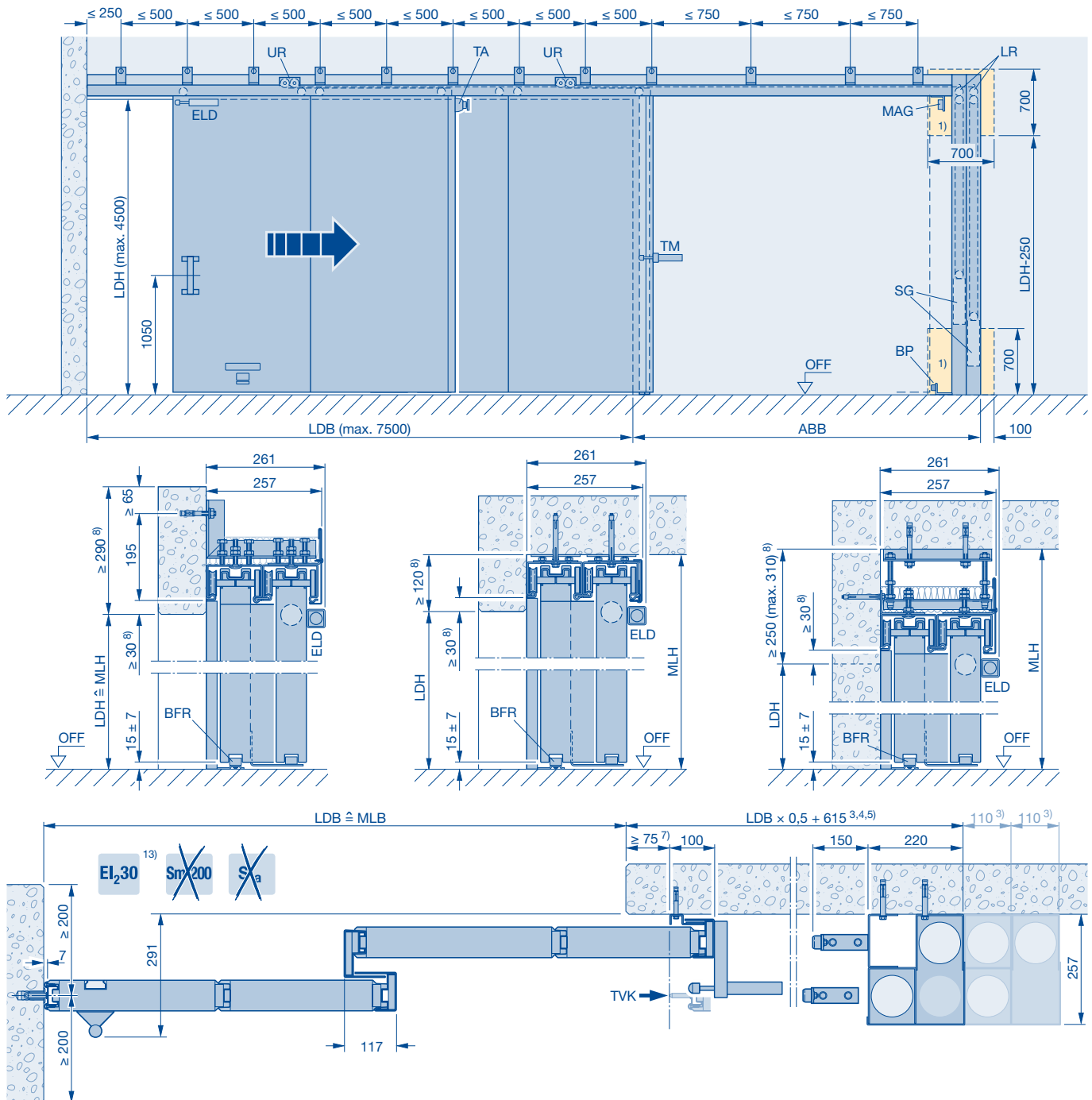
- 1) 700 × 700 mm inspection hole required with additional wall, 700 × 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
- 2) El₂30, LDB > 12000 or LDH > 7000 mm = 500 mm
El₂90, LDB > 4700 or LDH > 4720 mm = 500 mm
- 3) Every additional weight box + 110 mm
- 4) With *Schnetz* opening aid + 380 mm
- 5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm
- 6) With inlet flap + 40 mm
- 7) With outlet flap + 40 mm
- 8) With ceiling flap + 45 mm
- 10) El₂30, El₂90, LDB > 8000 mm + 55 mm
- 12) El₂30, El₂90, LDH > 5000 mm + 40 mm

- ABB** Parking area
- BFR** Floor guide roller
- BP** Floor buffer
- ELD** Travel limit damper
- LR** Track control
- LDB** Clear passage width
- LDH** Clear passage height
- MAG** 24 V DC magnet
- MLB** Structural opening width
- MLH** Structural opening height
- OFF** Finished floor level
- SG** Closing weight
- TA** Telescopic anchor
- TM** Link bracket
- TVK** Front edge of door in the open position

FST 30-1 T2 OD

Flush-stopping without guiding profile

Wall fitting



- 1) 700 x 700 mm inspection hole required with additional wall, 700 x 700 mm up to 3 weight boxes, inspection hole width for every additional weight box + 110 mm
- 3) Every additional weight box + 110 mm
- 4) With *Schnetz* opening aid + 380 mm
- 5) With inlet flap + 40 mm
With outlet flap + 40 mm
With inlet flap and outlet flap + 80 mm
- 6) With inlet flap + 40 mm
- 7) With outlet flap + 40 mm
- 8) With ceiling flap + 45 mm
- 13) The wall must be vertical in the sealing area.

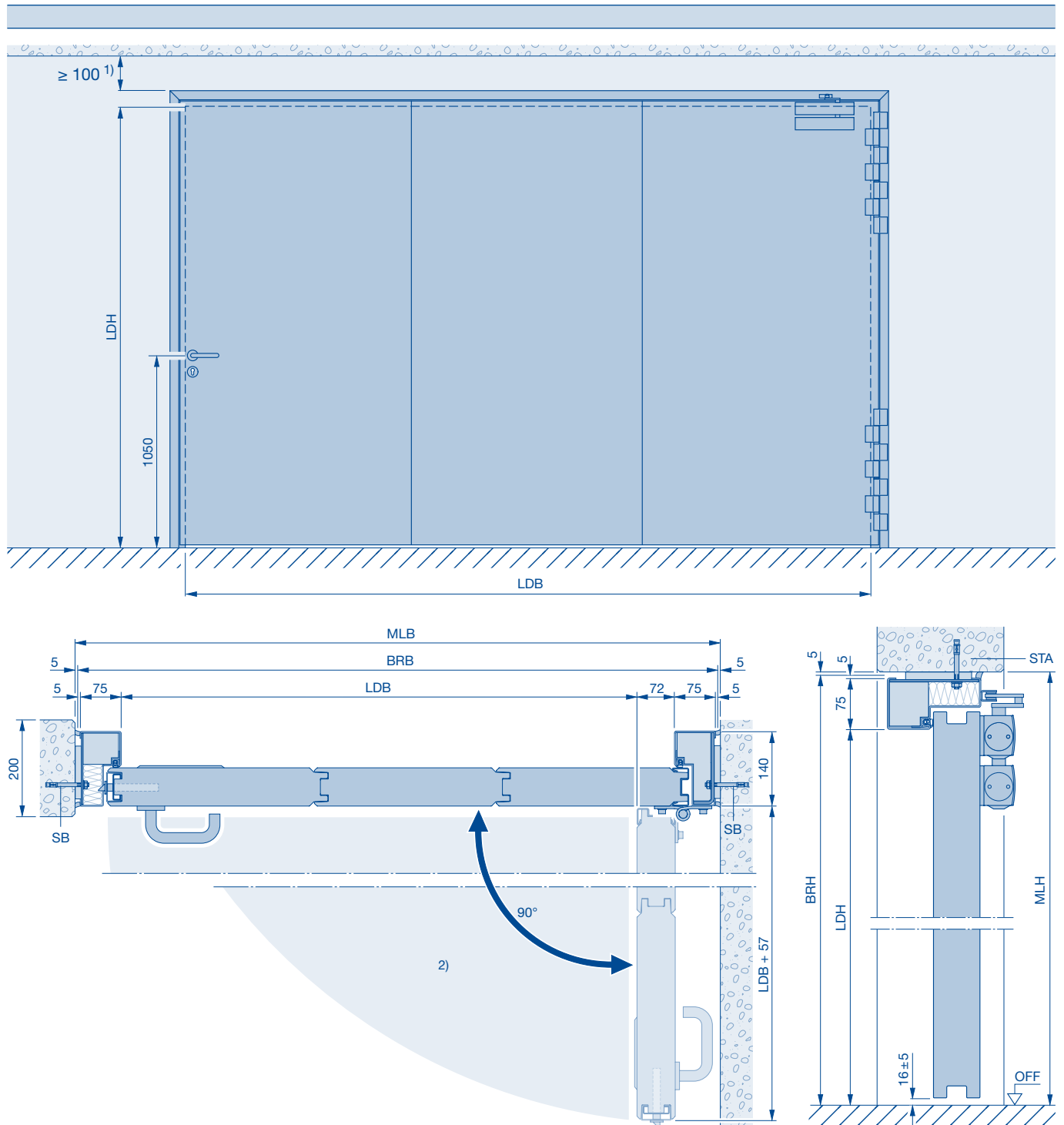
ABB Parking area
BFR Floor guide roller
BP Floor buffer
ELD Travel limit damper

LR Track control
LDB Clear passage width
LDH Clear passage height
MAG 24 V DC magnet
MLB Structural opening width
MLH Structural opening height
OFF Finished floor level
SG Closing weight
TA Telescopic anchor
TM Link bracket
TVK Front edge of door in the open position

Hinged door

DFT 30-1 *, DFT MZ-1

Flush-fitting with block frame 140 / 75

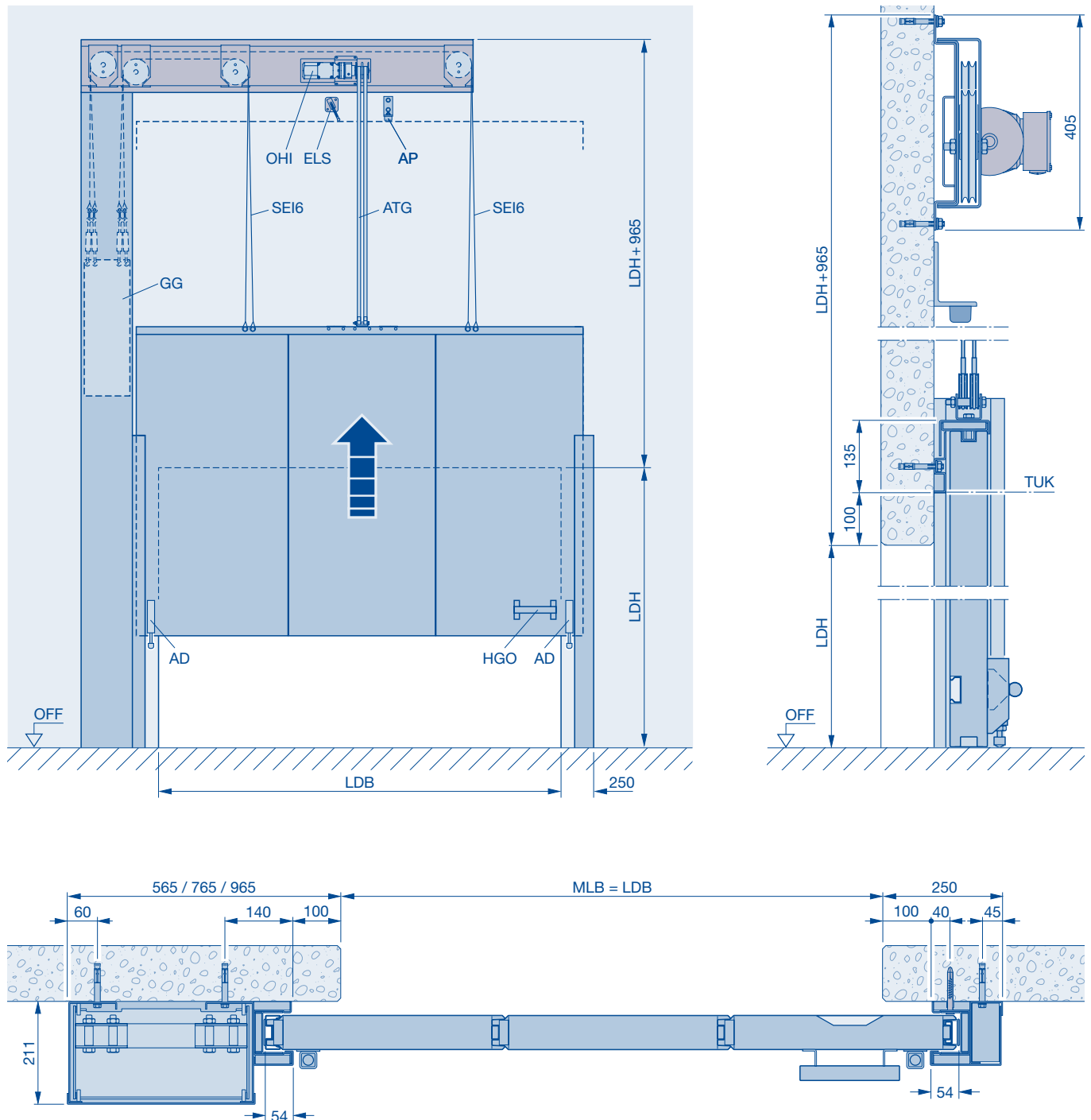


- 1) Minimum headroom of 100 mm for screw-connecting the individual door elements.
- 2) Please note the ground in the door leaf swivelling range.
- BRB** Nominal width
- BRH** Nominal height
- LDB** Clear passage width
- LDH** Clear passage height

- MLB** Structural opening width
- MLH** Structural opening height
- OFF** Finished floor level
- STA** Steel anchor $\varnothing 10$ (M10) $\times \geq 80$

Vertical fire sliding door

FHT-30 OD, FHT-60 OD, FHT-90 OD



Shown: **weight box left**
 Mirror view: **weight box right**

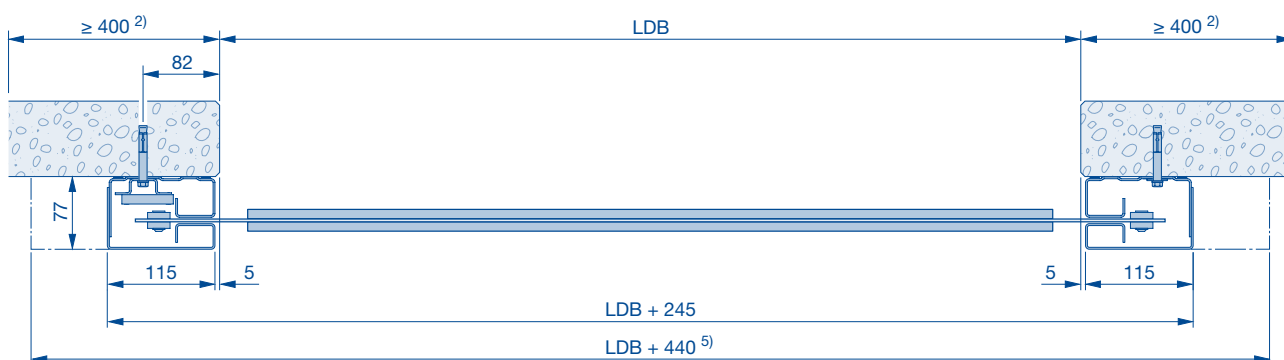
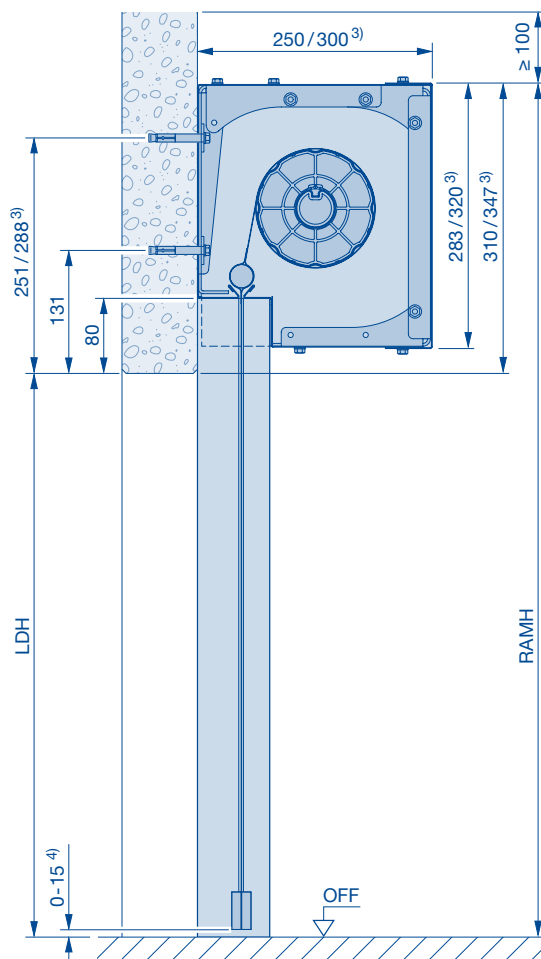
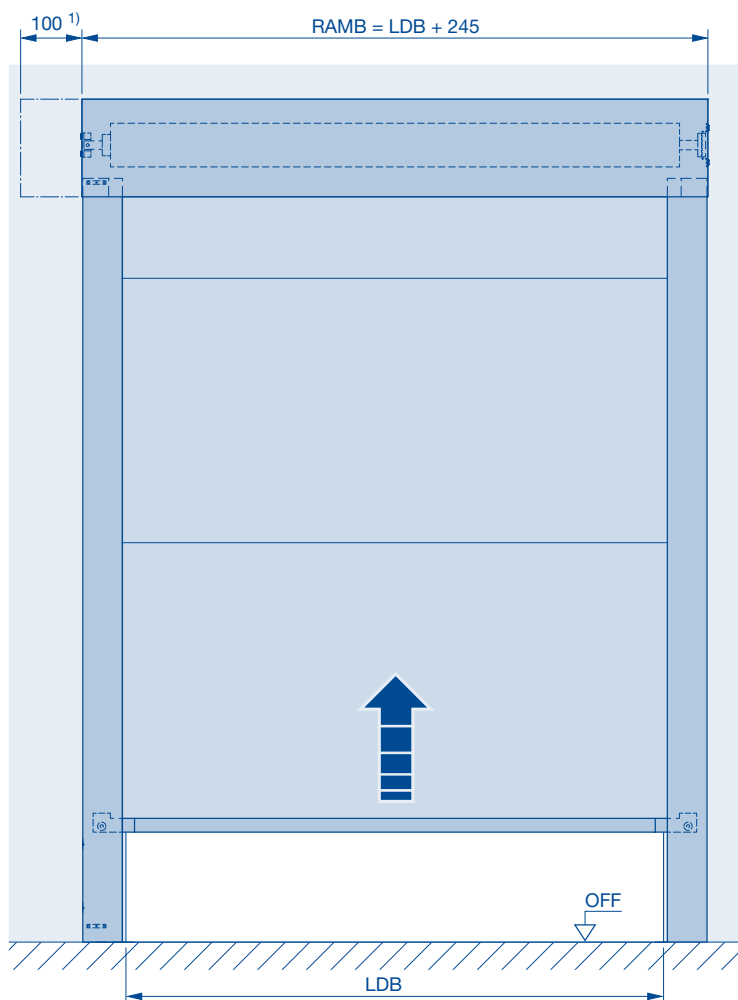
AD Buffer (optional)
AP Buffer
ATG Operator belt
ELS Limit switches
GG Counter weight
HGO Grip handle (optional)
LDB Clear passage width
LDH Clear passage height

MLB Structural opening width
OFF Finished floor level
OHI Opening aid
SEI6 2 × cable 6.0 mm
TUK Bottom edge of door in open position

Fire protection curtain FlexFire

FSV E30, E60, E90, E120;

EW30, EW60, wall fitting



When taking the curtain measurements, please note that the largest distance between OFF and the bottom edge of the lintel is decisive for production.

1) Space requirement for cable version

2) Only for control fitting

3) From 3500 mm

4) Maximum gap

5) Fitting clearance for screw-connecting the side guide rail

LDB Clear passage width

LDH Clear passage height

OFF Finished floor level

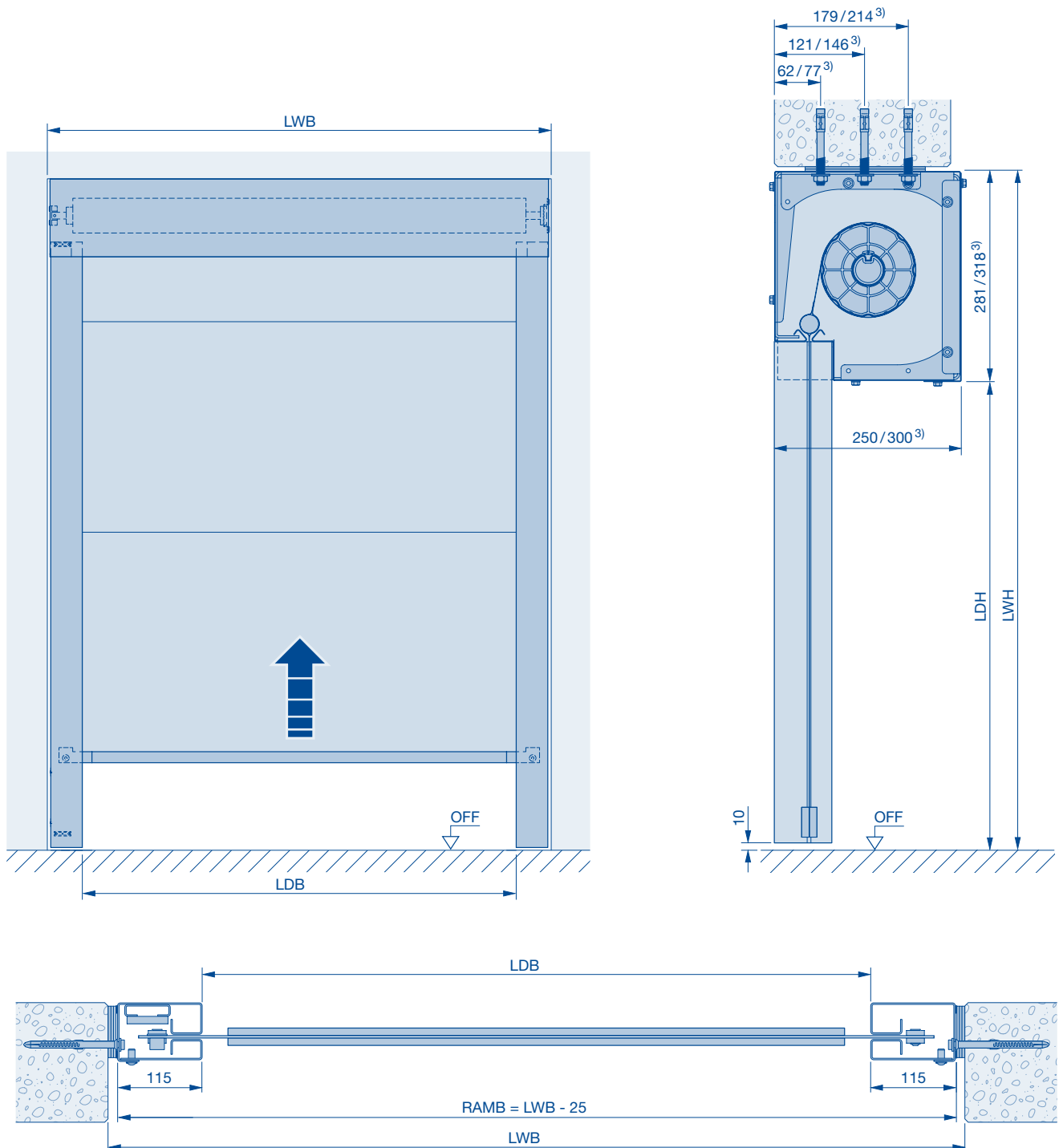
RAMB Overall frame width

RAMH Overall frame height

Fire protection curtain FlexFire

FSV E30, E60, E90, E120;

Fitting in reveal



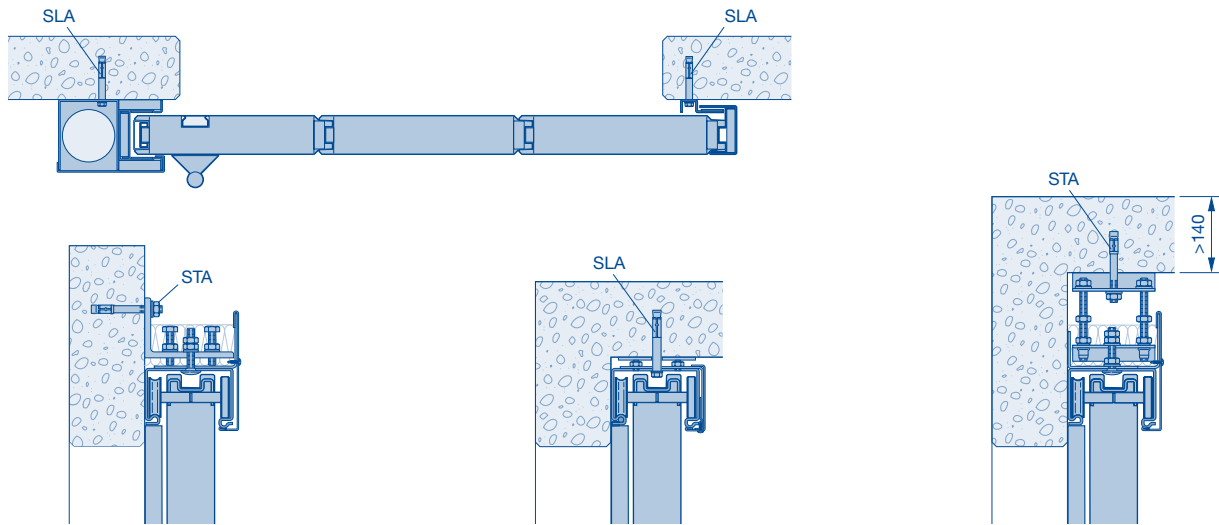
When taking the curtain measurements, please note that the largest distance between OFF and the bottom edge of the lintel is decisive for production.

OFF Finished floor level
RAMB Overall frame width

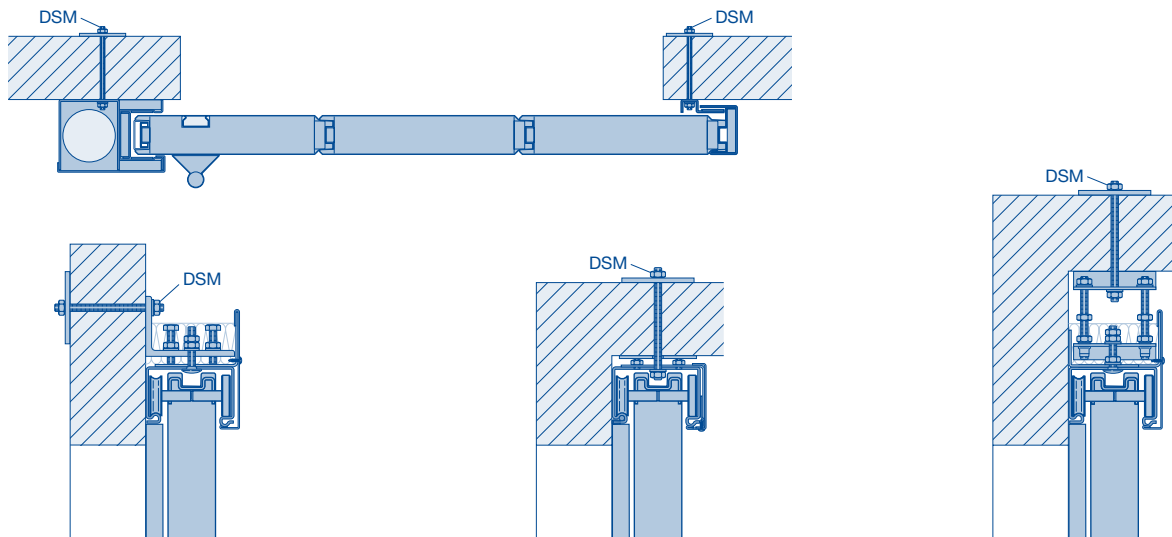
- 1) Space requirement for cable version
- 3) From 3800 mm
- LDB** Clear passage width
- LDH** Clear passage height
- LWB** Structural opening width

Walls and components

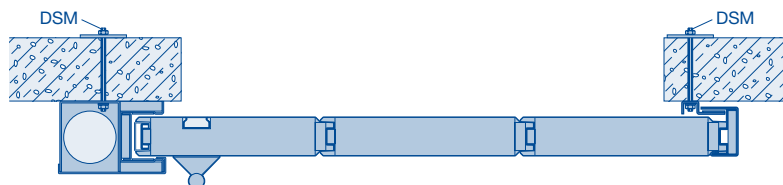
Concrete walls [A]



Brickwork walls [B], [C] ³⁾



Gas concrete walls [D]



Notice:

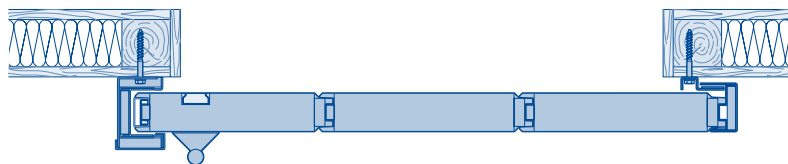
Only in combination with a steel concrete lintel or clad steel component acc. to the static proof. The lintel must extend beyond the door opening area in line with the door track length. Concrete lintel height ≥ 255 mm

- 3) The fire sliding door can be fixed to brickwork using through-bolt fixing. Due to static requirements, a brick lintel and/or concrete lintel or a lintel made of clad steel girders must be placed over the opening.

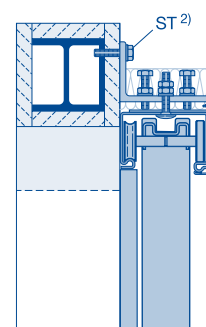
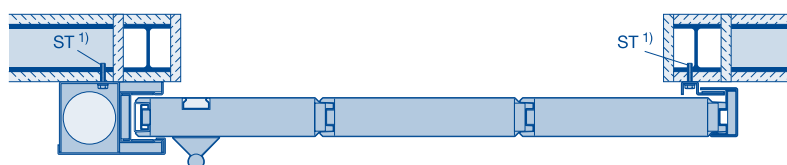
DSM	Through-bolt fixing with M10 threaded rod, nut, washer and counterplate 80 x 80 x 5 mm
STA	Steel anchor $\varnothing 10$ (M10) $\times \geq 80$
SLA	Heavy-duty anchor $\varnothing 10$ (M6) $\times \geq 80$

Walls and components

Timber walls [E] ⁴⁾



Cladded steel components [F]



Examples of cladded steel components:



- 1) M8 steel screw
- 2) M10 steel screw
- 4) A solid wood bolt must be available in the entire track area, inlet area and in the area of the wall labyrinth as a fixing base for the mounting brackets and frame parts.

DSM Through-bolt fixing with M10 threaded rod, nut, washer and counterplate 80 x 80 x 5 mm

Walls and components

FST, DFT, FHT

Approved walls and components FST

		Minimum thickness [mm]		
		EI ₂ 30	EI ₂ 90	EI ₂ 120
A	Reinforced concrete acc. to EN 1996-1-1	140		175
B/C	Brickwork acc. to EN 771-1 and sand-lime brickwork acc. to 771-2, compression strength min. M12, apparent density class min. 0.9, mortar acc. to 998-2, min. compression strength M5	175		240
C	Sand-lime brickwork acc. to EN 771-2, compression strength min. M12, apparent density class min. 0.9, mortar acc. to 998-2, min. compression strength M5, up to max. 3500 × 3500 mm (LDB × LDH)	150	–	–
D	Gas concrete acc. to EN 771-4, compression strength min. M4, min. apparent density class 0.5, mortar acc. to DIN EN 998-2, min. compression strength M3 (<i>only in conjunction with a reinforced concrete lintel over the entire track length</i>)	175	240	–
E	Timber partition wall with OSB boards, cladged timber partition wall as per tested structure, min. thickness 110 mm, max. 5000 × 4500 mm (LDB × LDH)	110	–	–
F	Steel girders fire-proof encased steel components (<i>constructed acc. to statics requirements</i>)	min. REI 30	min. REI 90	min. REI 120

Approved fastenings FST

A	Steel anchor Ø 10 × ≥ 80 mm (bolt anchor MKT 3 10-15-21/90, HILTI HUS 3-C 10 × 90 mm) Bonded anchor with steel bolt M10 × ≥ 80 mm	✓
B	Through-bolt fixing M10 with hex nut and counterplate Plastic dowels with steel screws M10 × ≥ 120 mm (HILTI HRD 10 × 140)	✓ Only on side
C	Through-bolt fixing M10 with hex nut and counterplate Plastic dowels with steel screws M10 × ≥ 120 mm (HILTI HRD 10 × 140)	✓ Only on side
D	Steel anchor Ø 10 × 80 mm Through-bolt fixing M10 with hex nut and counterplate Plastic dowels with steel screws M10 × ≥ 120 mm	✓ Only on side Only on side
E	Hexagon screws M10 × 100 mm Hexagon screws M8 × 80 mm	✓ Only on side
F	Steel screw M10 × 60 mm Steel screw M8 × 60 mm	✓ Only on side

Approved walls and components DFT

		EI ₂ 30
A	Reinforced concrete acc. to EN 1996-1-1	140
F	Fire-proof encased steel components (<i>constructed acc. to statics requirements</i>)	min. REI 30

Approved fastenings DFT

A	Steel anchor Ø 10 × ≥ 80 mm	✓
F	M10 steel screw	✓

Approved walls and components FHT

A	Fire-proof walls made of concrete , min. strength class C12 / 15	175
B/C	Fire-proof walls made of brickwork and bricks with minimum strength class 12, standard mortar of mortar group ≥ II	240
F	Fire-proof encased steel components (<i>constructed acc. to statics requirements</i>), fire resistance durability must at least correspond to that of the vertical sliding door	Acc. to statics requirements

Approved fastenings FHT

A	Through-bolt fixing with M10 threaded rod Heavy-duty anchor 10 × 30/80 mm MKT SZ-S	✓ ✓
B/C	Through-bolt fixing with M10 threaded rod	✓
F	Metric screw M8/M10; self-tapping screw acc. to scope of delivery	✓

Walls and components

FSV

Approved walls and components FSV

		E 30-90 EW 20-60	E 120
A	Fire-proof walls made of concrete , min. strength class C12 / 15	140	–
B/C	Fire-proof walls made of brickwork and bricks with minimum strength class 12, standard mortar of mortar group \geq II	175	240
G	Fire-proof partition walls (base acc. to statics requirements) acc. to EN 1363-1	135	–
F	Fire-proof encased steel components (constructed acc. to statics requirements)	REI 30 – REI 120	

Approved fastenings FSV

A	Heavy-duty anchor 10 × 80 mm with ETA approval	✓
B/C	Plastic dowels HILTI HRD-H 10 × 140 mm with steel screw 10 × 140 mm with ETA approval	
F/G	Self-tapping screw 6.3 × 80 mm	✓

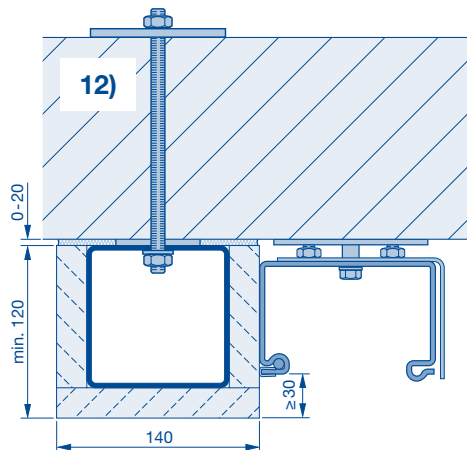
Notice:

Only use fastening elements with ETA and fire protection approval. The effective minimum anchoring depth for steel dowels and plastic dowels with steel screws is 70 mm. The minimum anchor size is M10. Plastic dowels with Fischer FUR 10 steel screw or equivalent. Steel anchor MKT B 10 / 15 or equivalent. Heavy-duty anchor MKT SZ-S steel or equivalent.

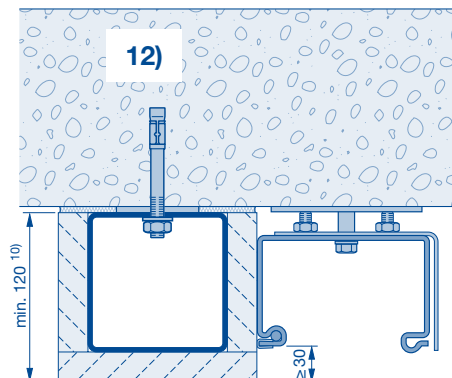
Fixing of false lintel and sideroom

False lintel

Through-bolt fixing with M10 threaded rod

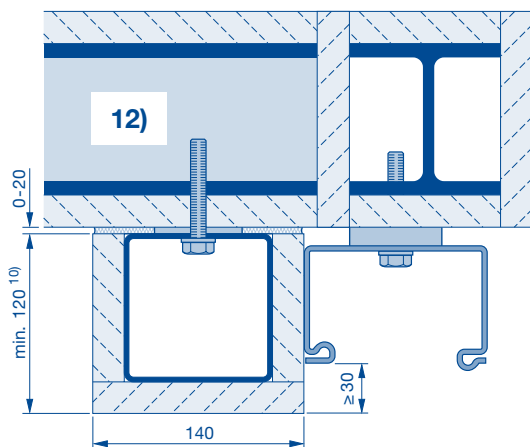


Steel anchor $\varnothing 10$ (M10) $\times \geq 80$
Alternative: plastic dowels



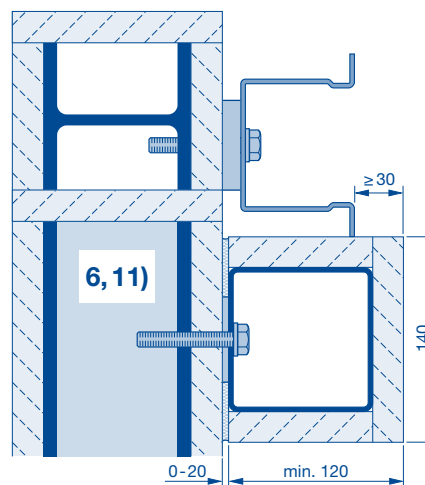
False lintel on cladded steel component

Fixing with M6, M8, M10 screw



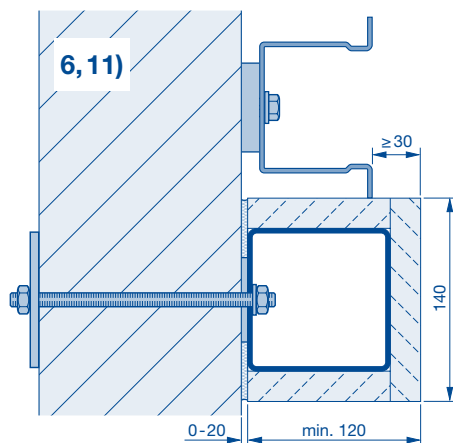
False sideroom on cladded steel component

Fixing with M6, M8, M10 screw

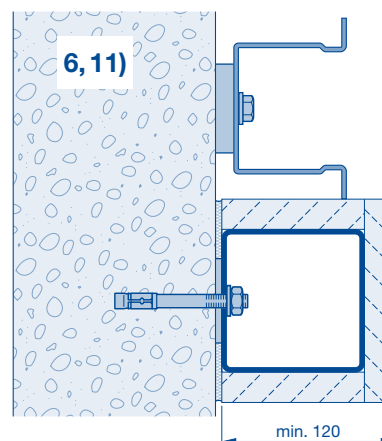


False sideroom

Through-bolt fixing with M10 threaded rod



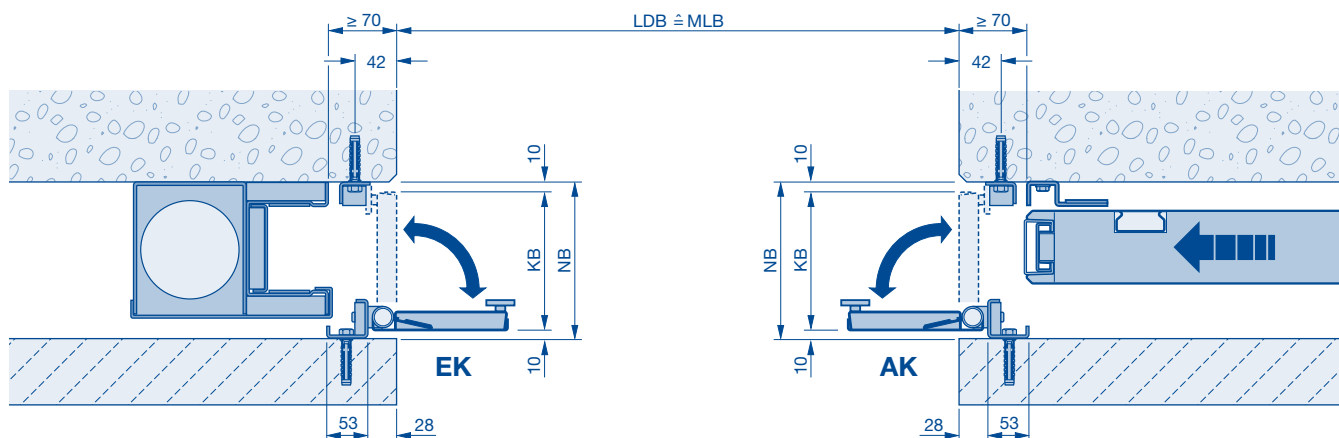
Steel anchor $\varnothing 10$ (M10) $\times \geq 80$
Alternative: plastic dowels



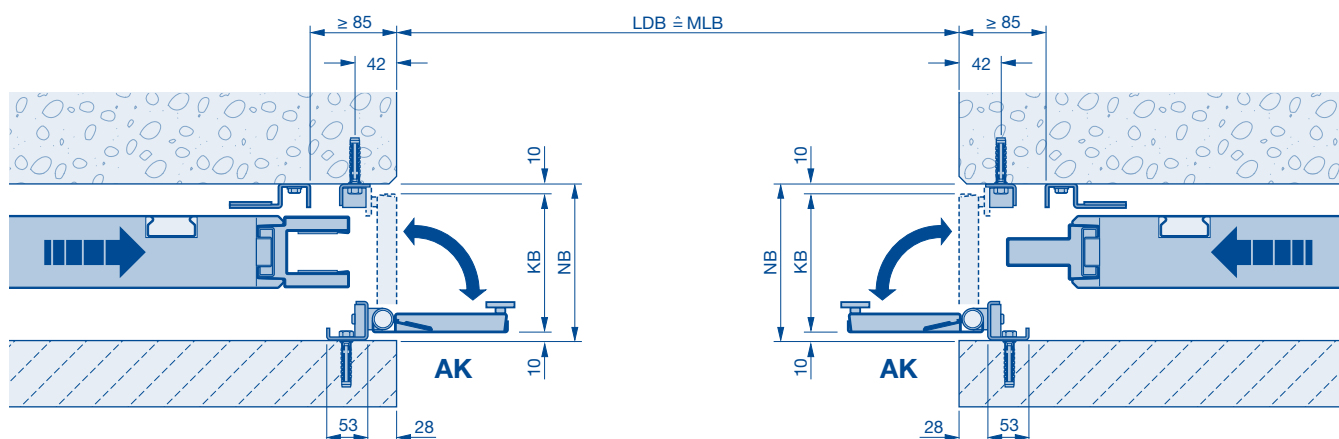
Recess and ceiling flaps

Single-leaf and double-leaf fire sliding door

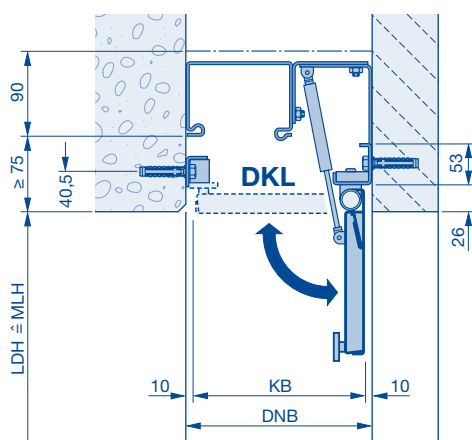
Inlet recess flap and outlet recess flap, single-leaf



Outlet recess flap, double-leaf



Ceiling recess flap, single-leaf, double-leaf



Notice:

Recess width ≤ 215 mm: For outlet recess flaps a door leaf with vertically offset recessed handle on both sides is required. Flush-fitting control elements and a Dorma ITS 96 are required on both sides for the option with fitted wicket door.

Retrofitting of recess flaps in existing door systems is not possible, due to the required larger door overlap.

DKL Ceiling flap
EK Inlet flap
AK Outlet flap
KB Flap width
NB The recess width is 180 to 380 mm. With the opening aid *Schnetz* option, the recess width must be at least 250 mm.

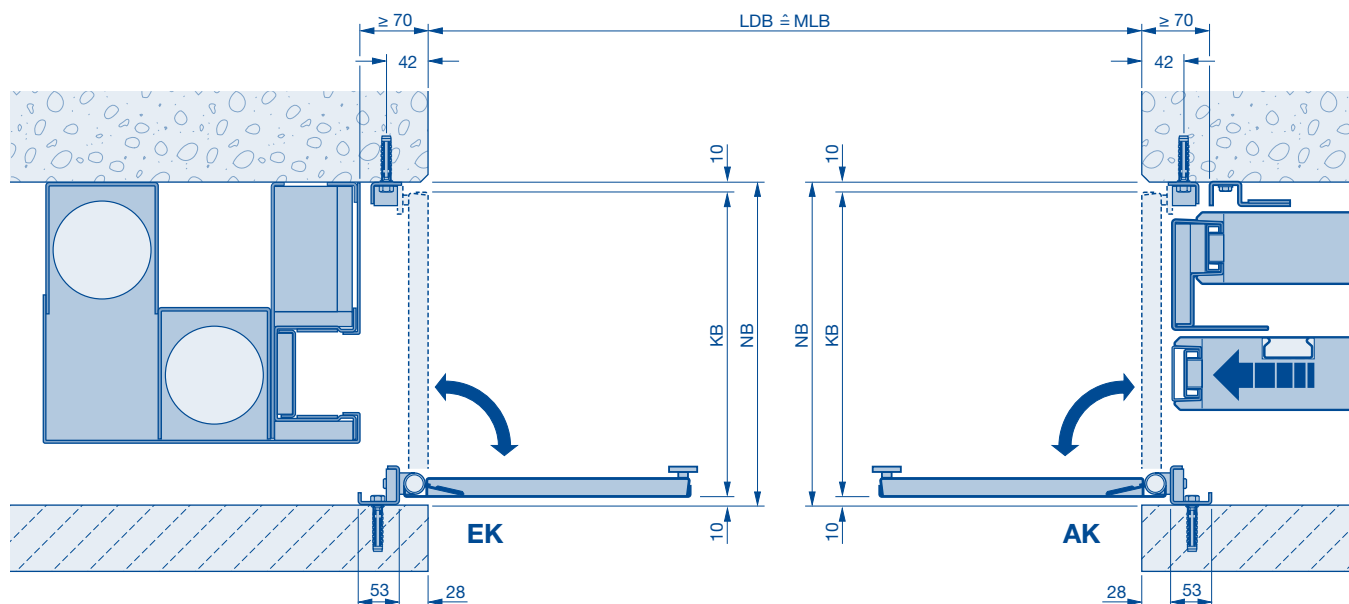
DNB The recess width is 185 to 380 mm. With the opening aid *Schnetz* option, the recess width must be at least 265 mm and maximum 380 mm. For the combination inlet flap and /or outlet flap, the ceiling recess width of the inlet recess width or the outlet recess width is + 45 mm.
LDB Clear passage width

LDH Clear passage height
MLB Structural opening width
MLH Structural opening height

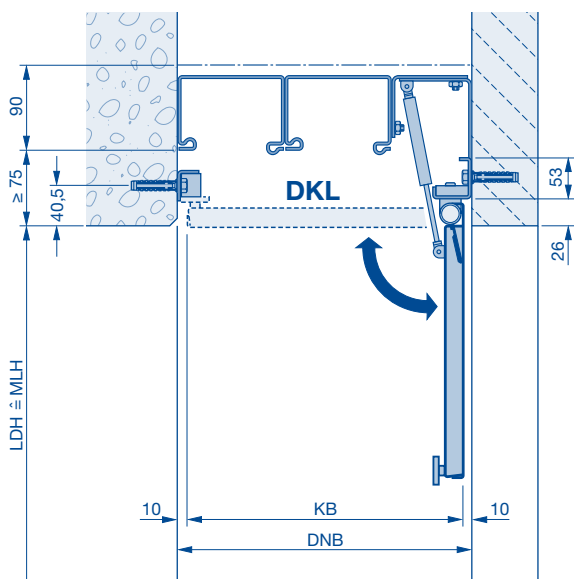
Recess and ceiling flaps

Telescopic fire sliding door

Inlet recess flap and outlet recess flap, telescopic door



Ceiling recess flap, telescopic door



Notice:

Recess width ≤ 340 mm: For outlet recess flaps a door leaf with vertically offset recessed handle on both sides is required. Flush-fitting control elements and a Dorma ITS 96 are required on both sides for the option with fitted wicket door.

Retrofitting of recess flaps in existing door systems is not possible, due to the required larger door overlap.

DK Ceiling flap
EK Inlet flap
AK Outlet flap
KB Flap width
NB The recess width is 305 to 380 mm. With the opening aid *Schnetz* option, the recess width must be at least 375 mm.

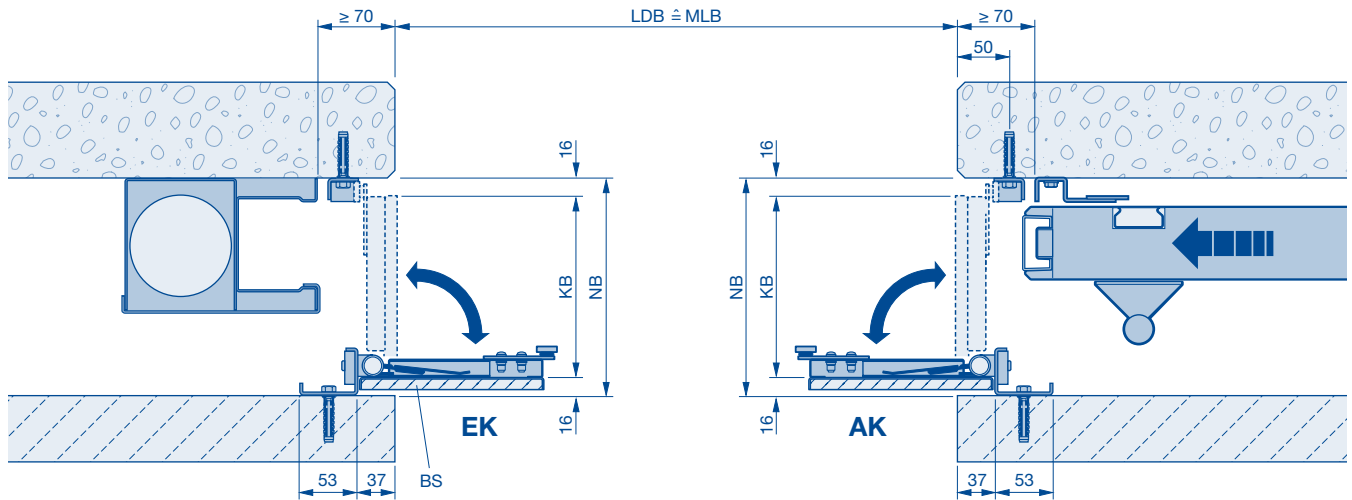
DNB The recess width is 330 to 380 mm. With the opening aid *Schnetz* option, the recess width must be at least 390 mm (ATTENTION: recess width > 380 mm only in coordination with the factory). For the combination with inlet flap and/or outlet flap, the ceiling recess width of the inlet recess width or the outlet recess width is + 45 mm.

LDB Clear passage width
LDH Clear passage height
MLB Structural opening width
MLH Structural opening height

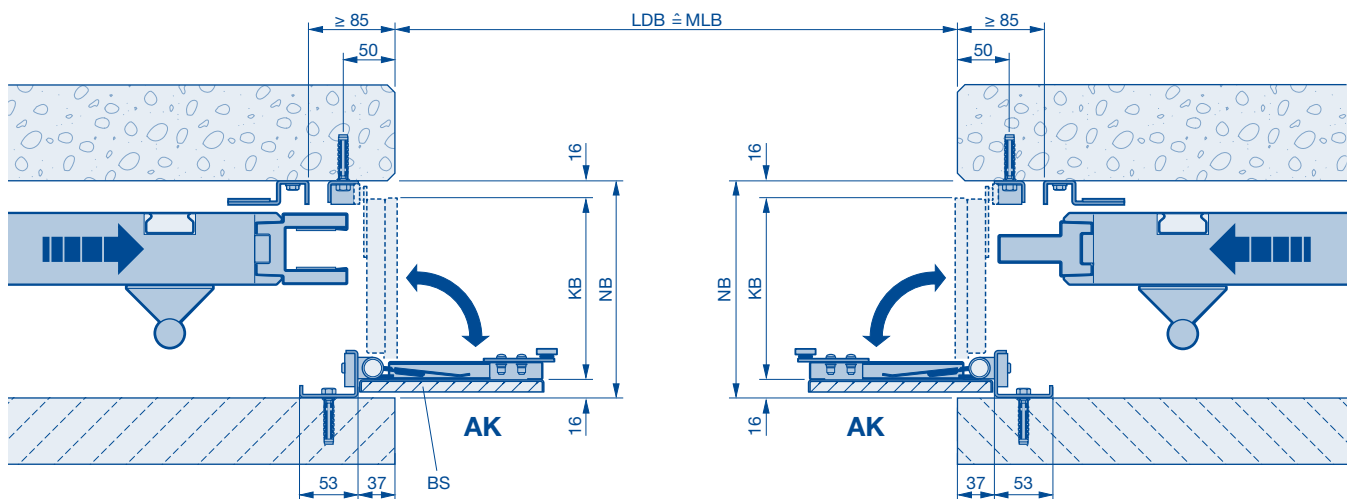
Recess flaps with cladding frames

Single-leaf and double-leaf fire sliding door

Inlet recess flap and outlet recess flap, single-leaf with cladding frame



Outlet recess flap, double-leaf with cladding frame



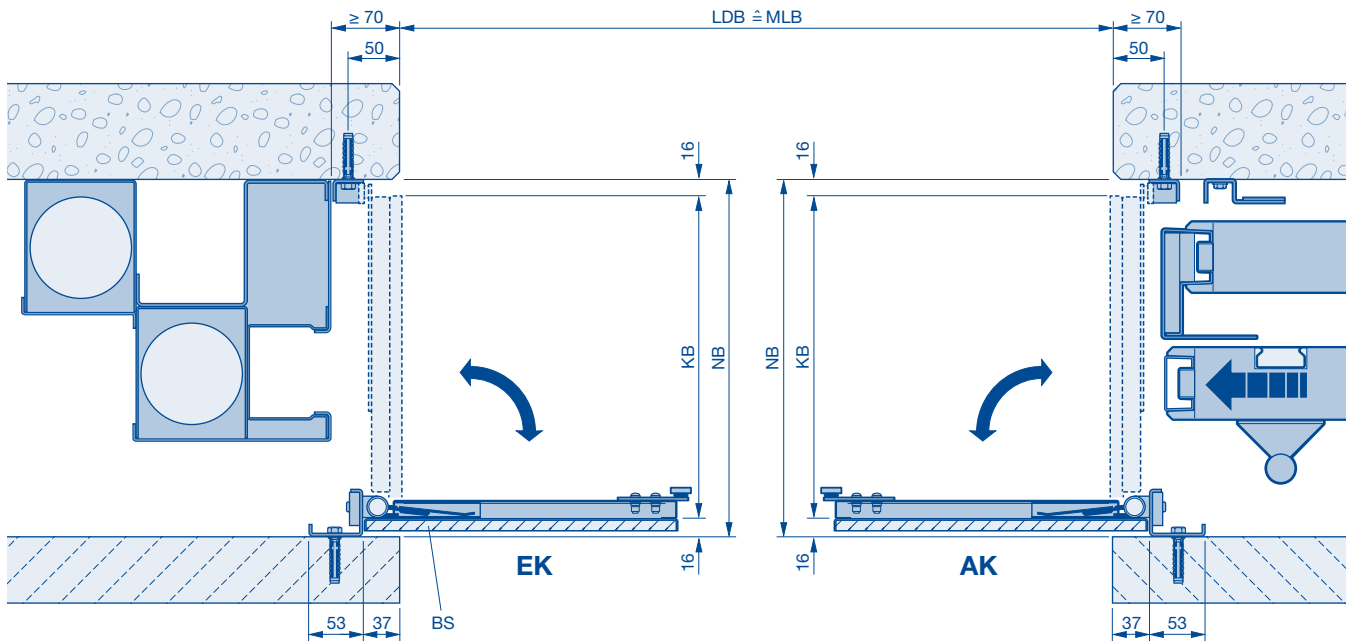
BS On-site infill (10 mm, max. 25 kg/m²)
EK Inlet flap
AK Outlet flap
KB Flap width

NB The recess width is 185 to 380 mm. With the opening aid *Schnetz* option, the recess width must be at least 250 mm.
LDB Clear passage width
MLB Structural opening width

Recess flaps with cladding frames

Telescopic fire sliding door

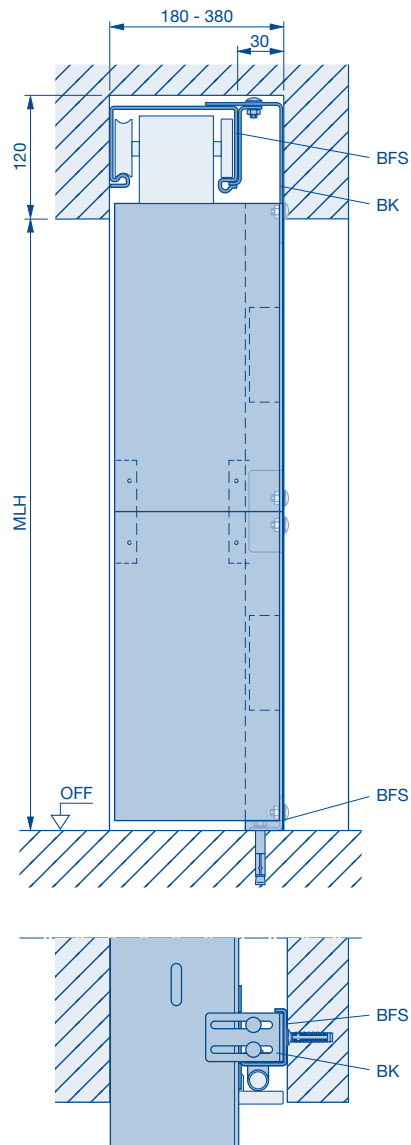
Inlet recess flap and outlet recess flap, telescopic door with cladding frame



BS On-site infill (10 mm, max. 25 kg/m²)
EK Inlet flap
AK Outlet flap
KB Flap width

NB The recess width is 310 to 380 mm. With the opening aid option, the recess width must be at least 375 mm.
LDB Clear passage width
MLB Structural opening width

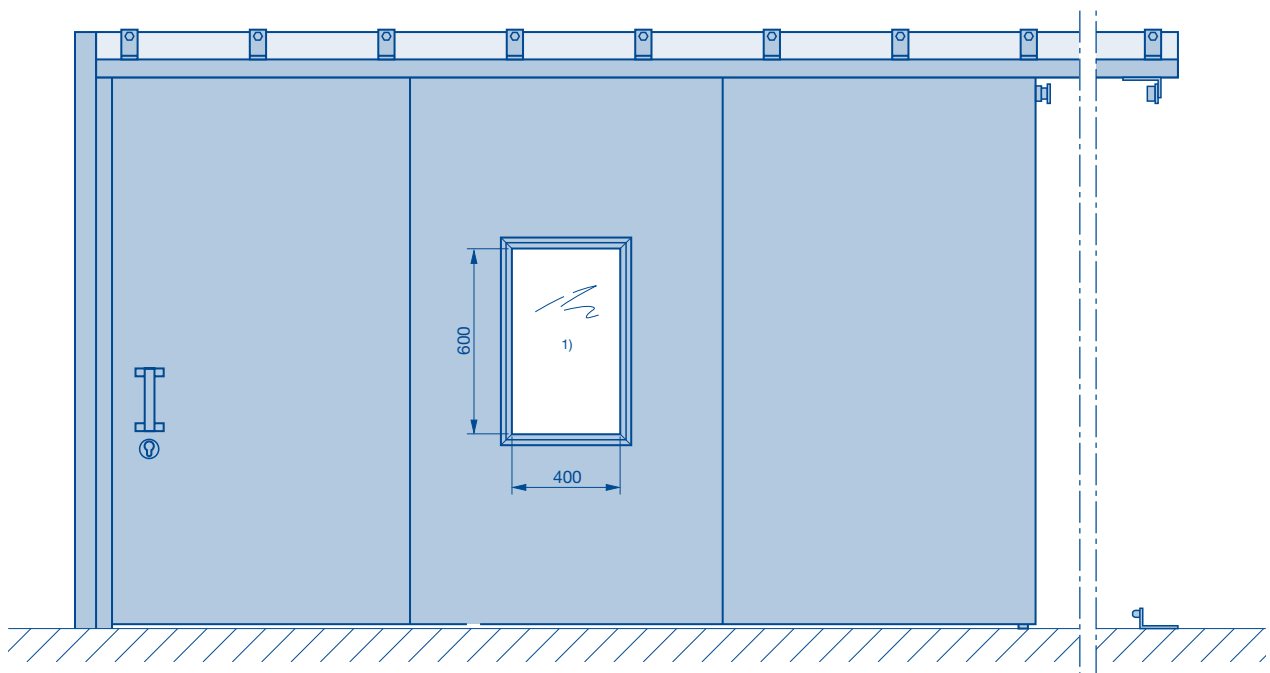
Recess flaps with pre-assembly



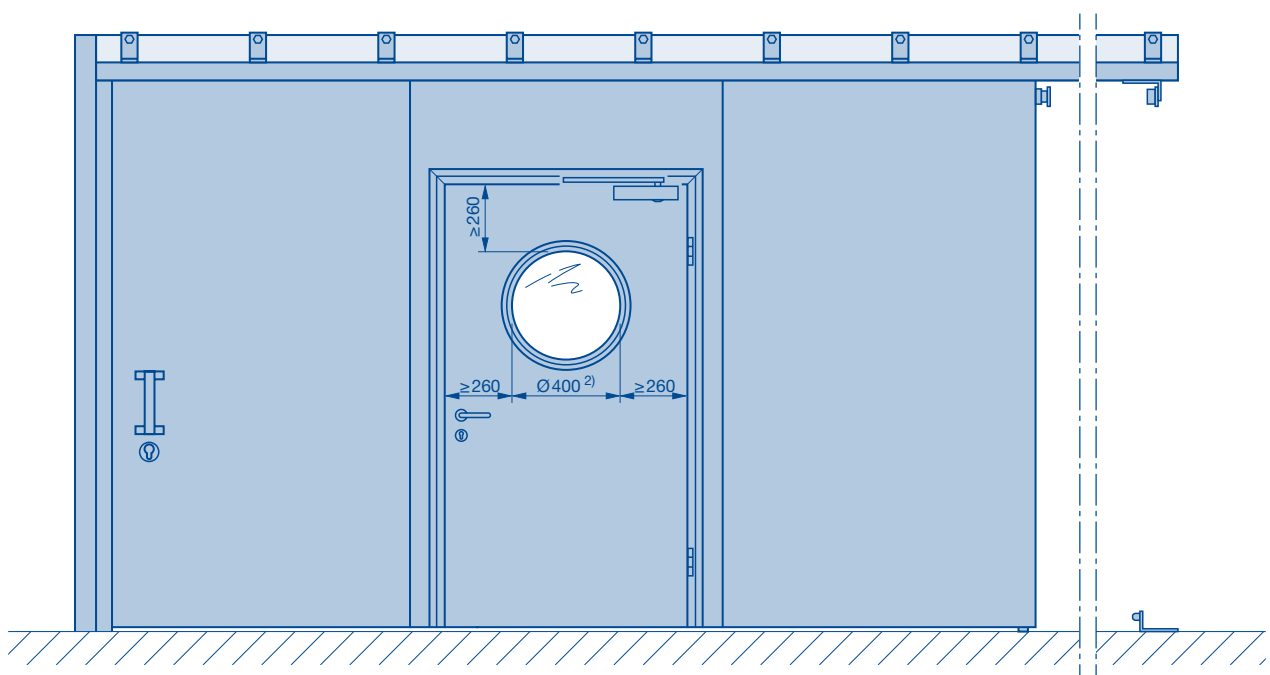
- BK** Fixing bracket
- BFS** Fixing set
- MLH** Structural opening height

Glazing

Glazing in door set



Glazing in the wicket door

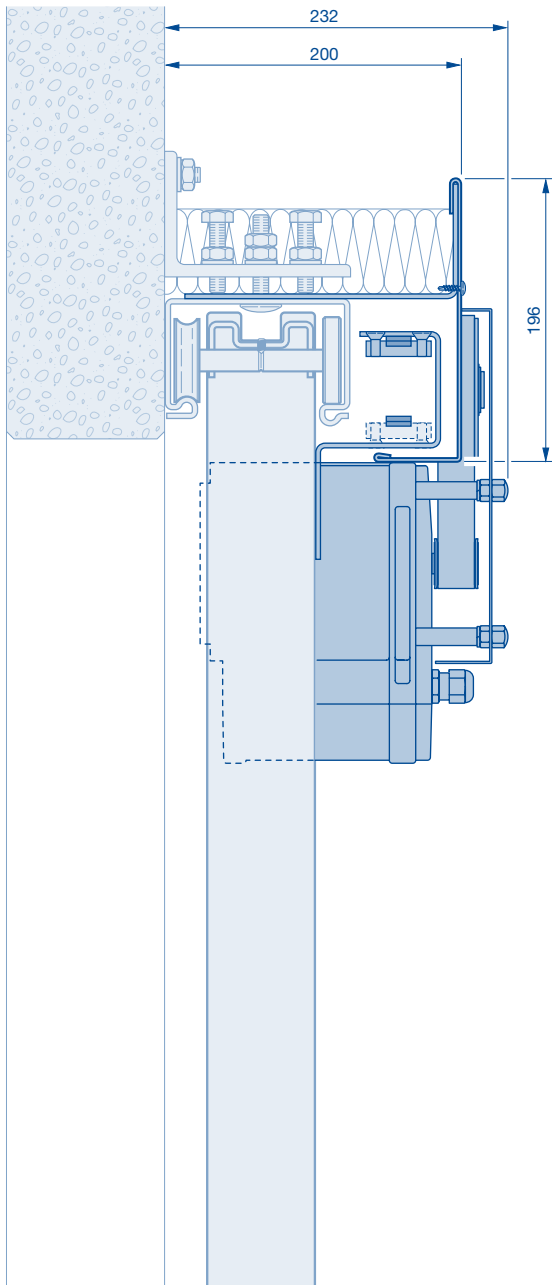


- 1) Position of glazing in door leaf on request. Possible sizes depending on the door set width.
- 2) Round glazing with $\text{Ø} 400$ mm as standard, optionally also square 400×400 mm or larger to choose.

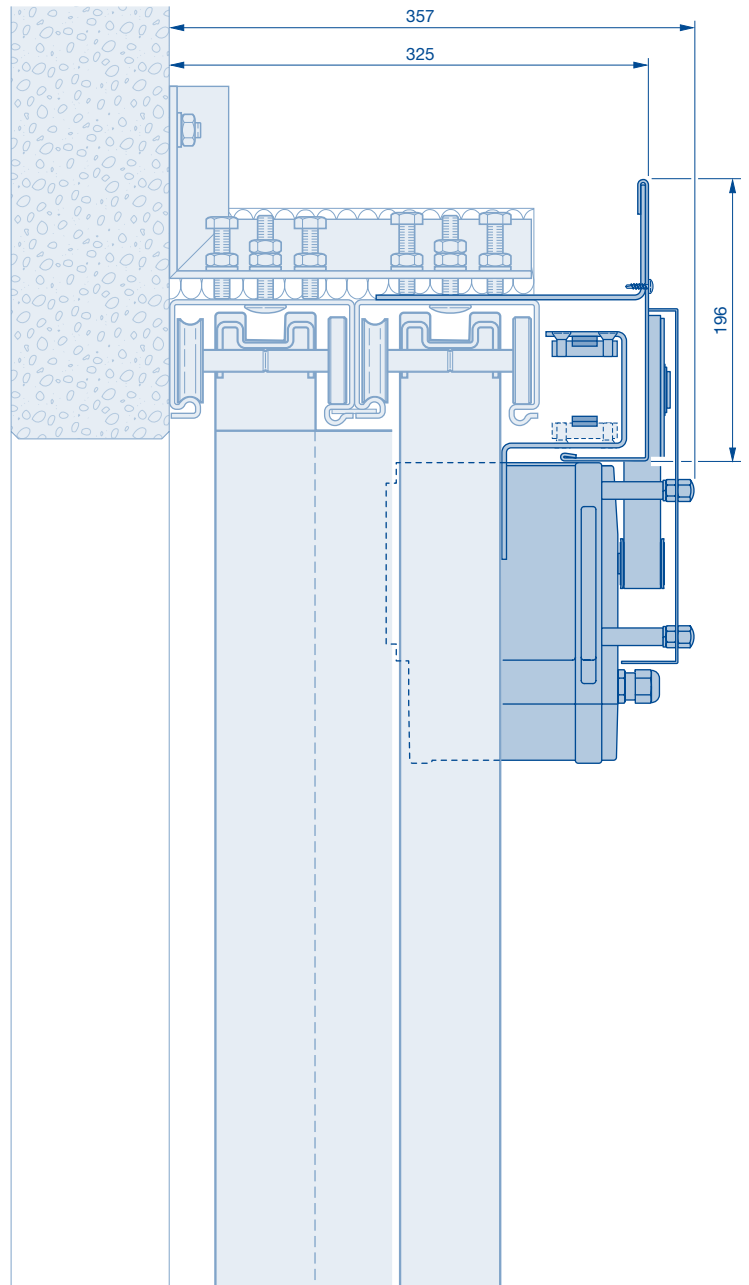
Fire sliding doors with opening aids

Required space in parking area for *Schnetz* opening aid

Single-leaf and double-leaf fire sliding door



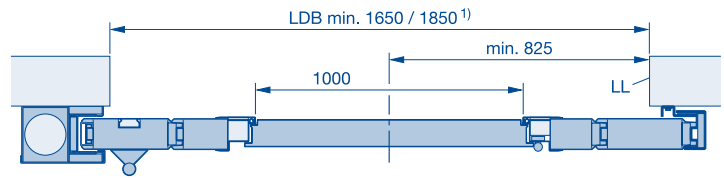
Telescopic fire sliding door



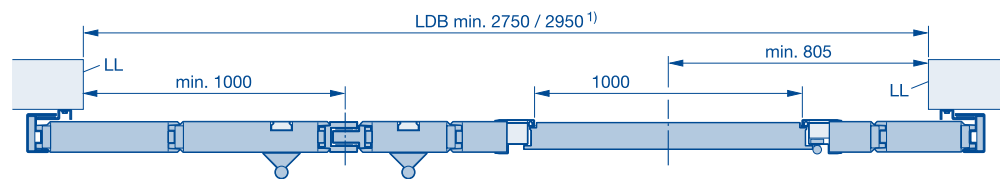
Fire sliding doors with wicket door

Minimum distance of wicket door from the reveal edge on the labyrinth side and minimum door width when fitting a wicket door

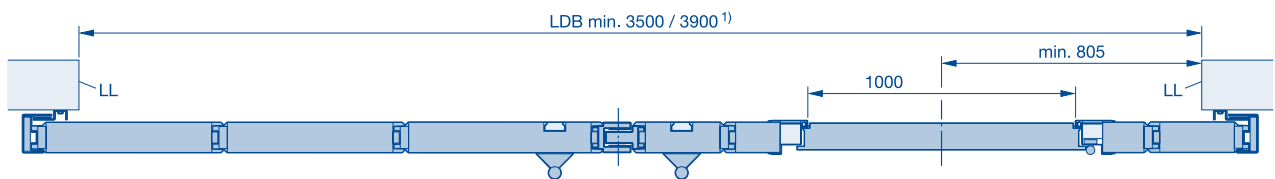
Single-leaf fire sliding door



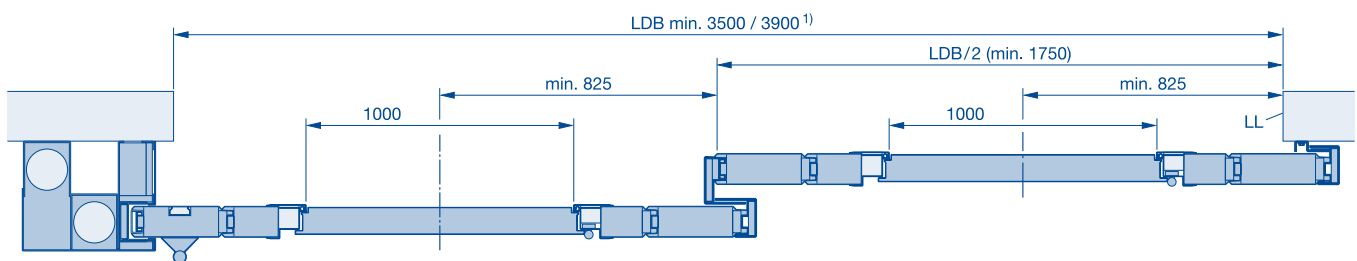
Double-leaf fire sliding door, asymmetrical



Double-leaf fire sliding door, symmetrical division



Telescopic door

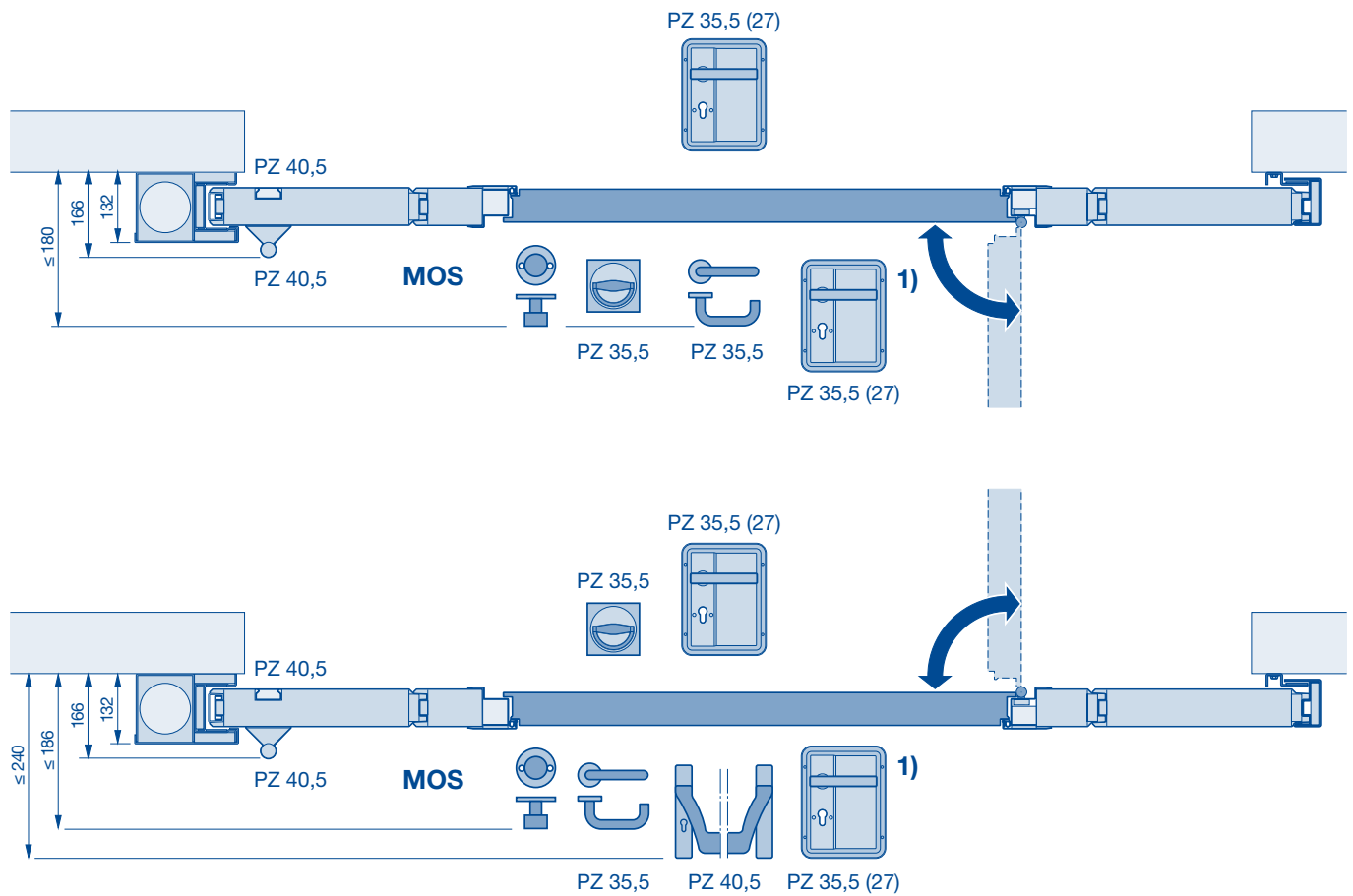


1) Wicket doors with a clear passage width > 1000 mm

LDB Clear passage width
LL Reveal edge on labyrinth side

Wicket door and lever handle pairings

El₂30 wicket door and lever handle combination

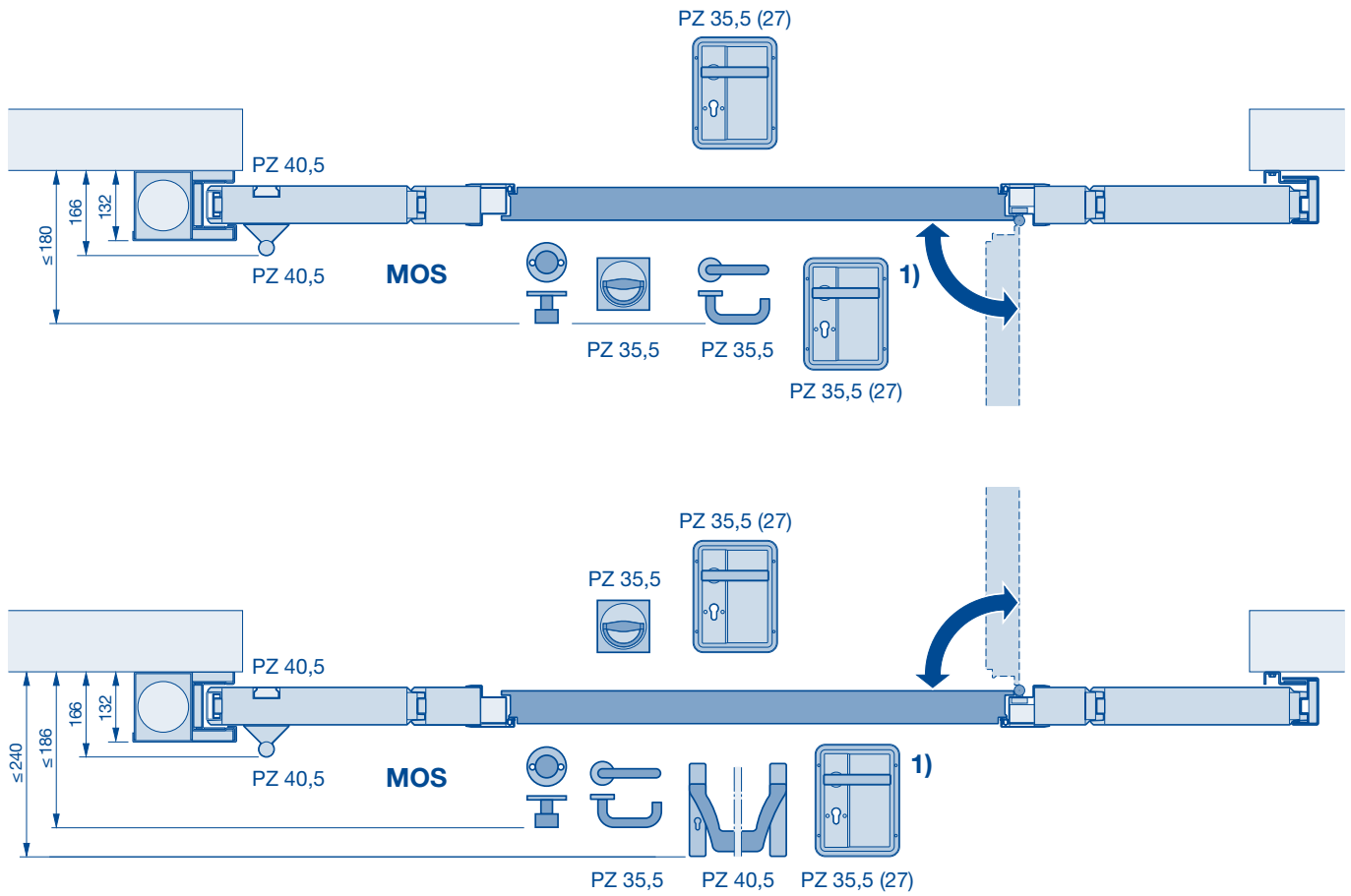


1) Recessed lever handle possible on both sides
 MOS Fitting side

PC Profile cylinder

Wicket door and lever handle pairings

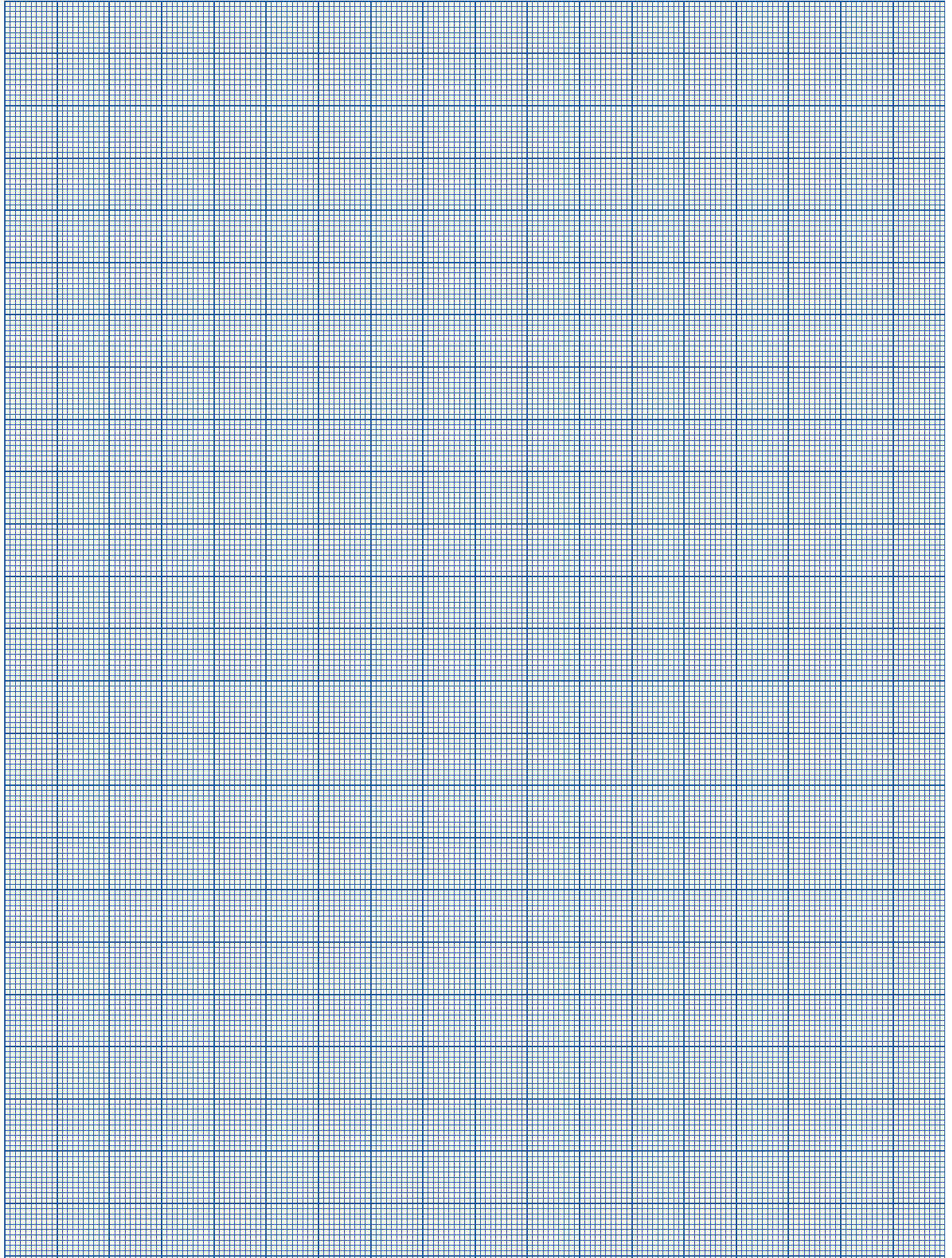
T90



1) Recessed lever handle not possible on both sides
MOS Fitting side

PC Profile cylinder

Notes



Arrangement of smoke detectors

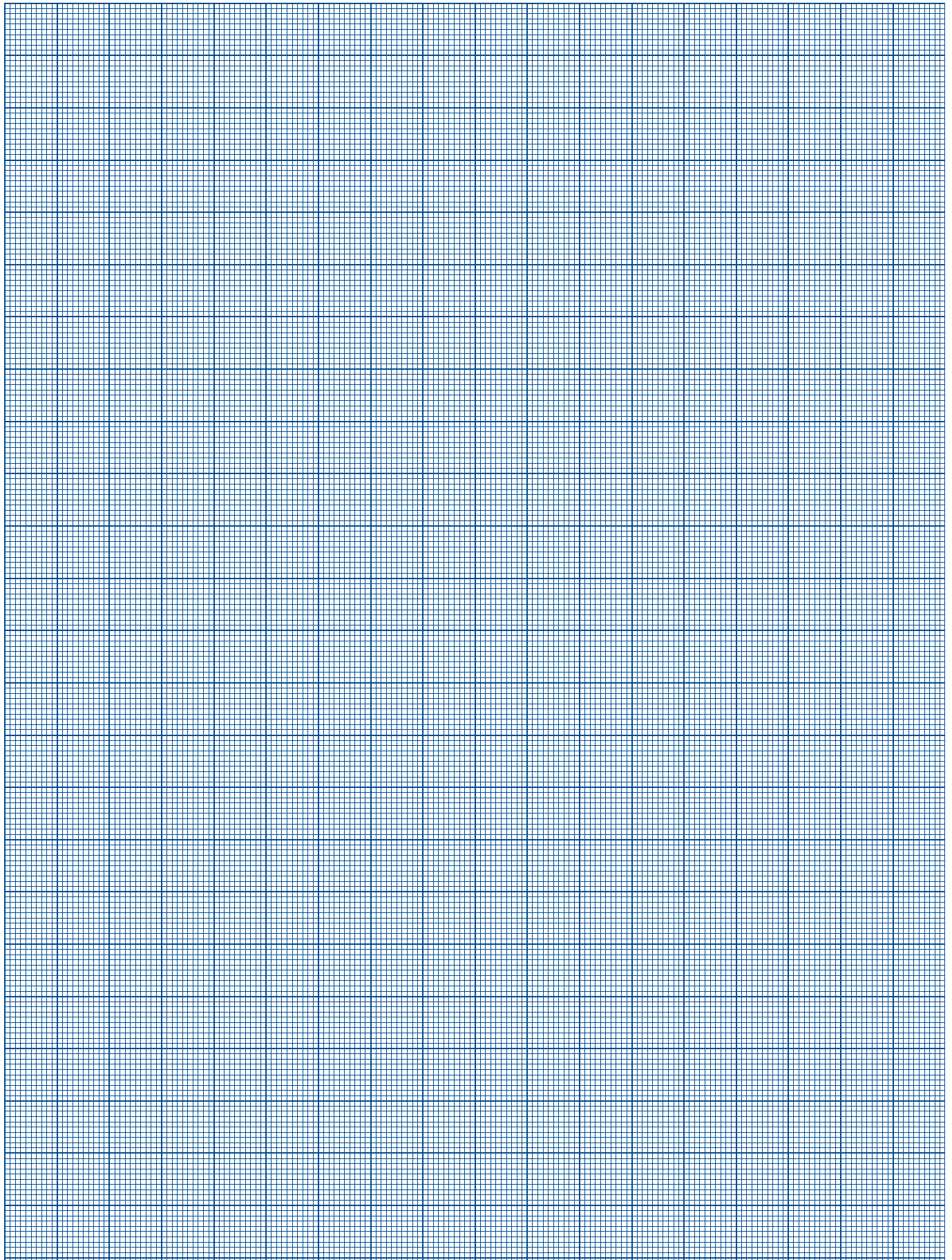
The hold-open device must be within the smoke detector's detection range.*

Opening width			
Lintel height	2 ceiling smoke detectors	4 ceiling smoke detectors	6 ceiling smoke detectors
Lintel height	2 ceiling smoke detectors, 1 lintel smoke detector	4 ceiling smoke detectors, 2 lintel smoke detectors	6 ceiling smoke detectors, 3 lintel smoke detectors
Lintel height	3 lintel smoke detectors	6 lintel smoke detectors	9 lintel smoke detectors

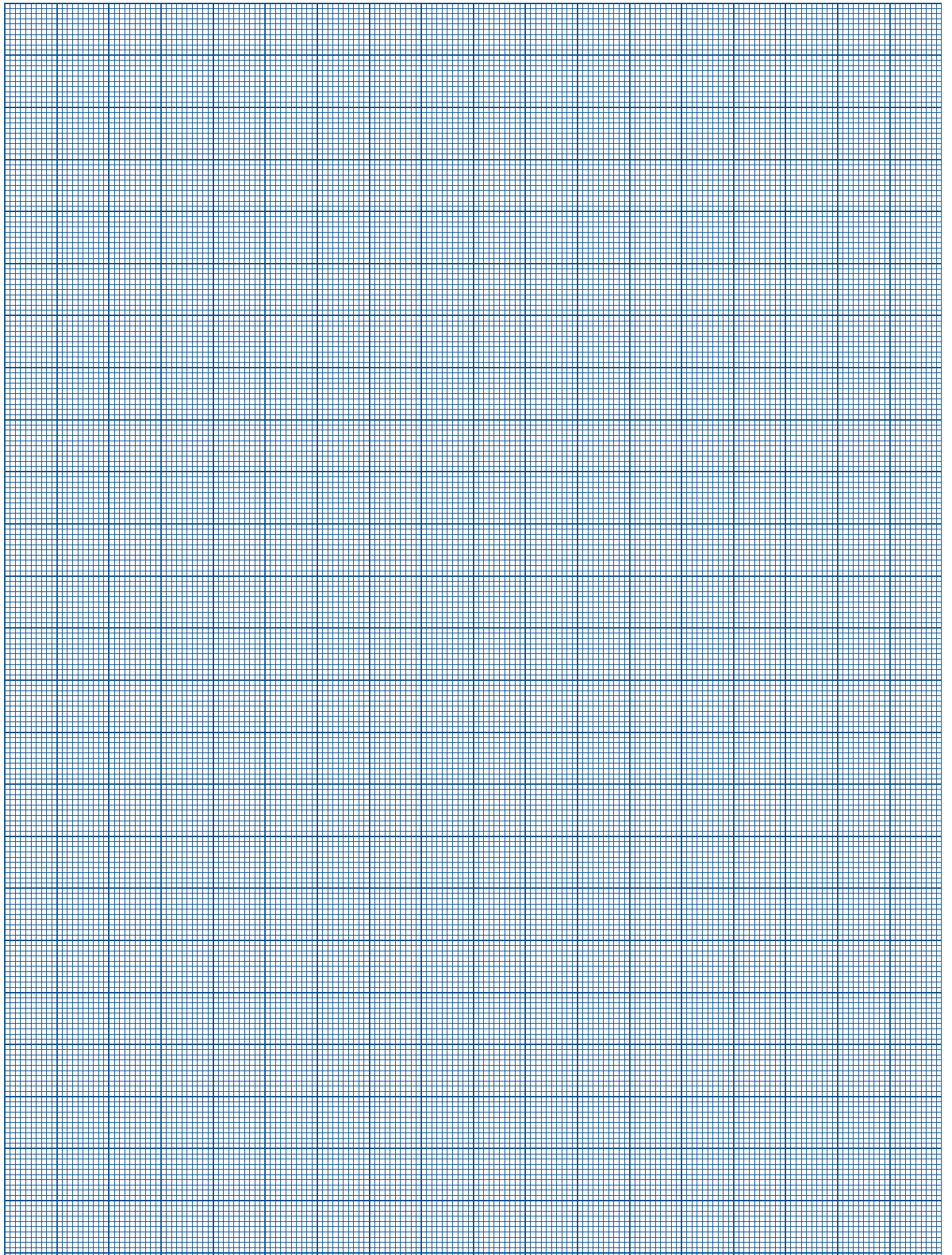
The fitting of the hold-open device is determined by approval from the manufacturer. Please inquire about short-notice changes to the fitting conditions.

* An additional smoke detector may be required.

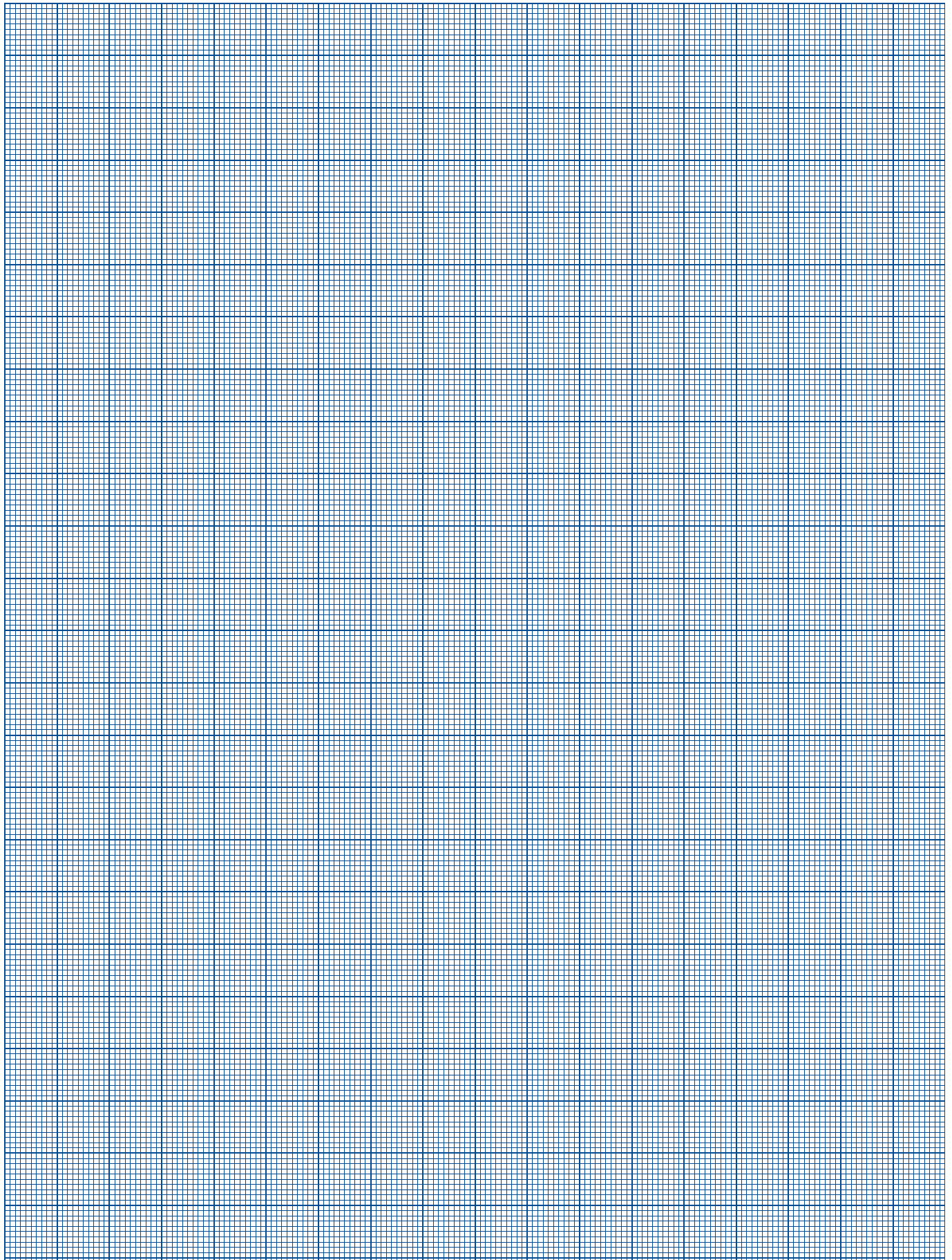
Notes



Notes



Notes



Hörmann: Quality without Compromise



Hörmann KG Amshausen, Germany



Hörmann KG Antriebstechnik, Germany



Hörmann KG Brandis, Germany



Hörmann KG Brockhagen, Germany



Hörmann KG Dissen, Germany



Hörmann KG Eckelhausen, Germany



Hörmann KG Freisen, Germany



Hörmann KG Ichttershausen, Germany



Hörmann KG Werne, Germany



Hörmann Alkmaar B.V., Netherlands



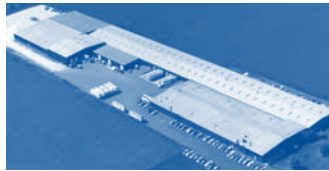
Hörmann Legnica Sp. z o.o., Poland



Hörmann Beijing, China



Hörmann Tianjin, China



Hörmann LLC, Montgomery IL, USA



Hörmann Flexon LLC, Burgettstown PA, USA



Shakti Hörmann Pvt. Ltd., India

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GARAGE DOORS
OPERATORS
INDUSTRIAL DOORS
LOADING EQUIPMENT
HINGED DOORS
DOOR FRAMES