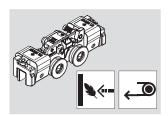


**MUTO Comfort** 

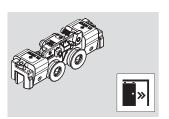


### **CONTENTS**

**MUTO Comfort** 



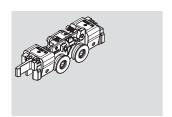
 $\begin{tabular}{ll} \textbf{Comfort XL} \\ \textbf{DORMOTION 80 / 150 / Synchro} \\ 14-33 \end{tabular}$ 



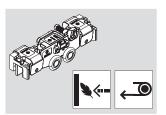
Comfort XL Self-Closing 34 – 51

Availability given from April 2016 - Technical details available on request - will be integrated soon.

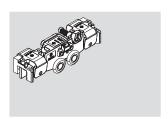
Comfort XL Telescopic 52 - 53



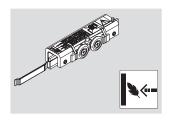
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### **MUTO COMFORT**

### **General information**

6 – 13

### Comfort XL DORMOTION 80 / 150 / Synchro

- Typical assemblies
- Fitting modules
- $\ {\sf Component \ parts}$

14 – 33

### Comfort XL Self-Closing

- Typical assemblies
- Fitting modules
- Component parts

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### Comfort XL Telescopic

52 - 53

### Comfort XL 150

- Typical assemblies
- Fitting modules
- Component parts

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### Comfort L DORMOTION 80 / Synchro

- Typical assemblies
- Fitting modules
- Component parts

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### Comfort L 80

- Typical assemblies
- Fitting modules
- Component parts

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# Comfort M DORMOTION 50

- Typical assemblies
- Fitting modules
- Component parts

108 – 113

4



### MAJORING IN CONVENIENCE

### **MUTO Comfort**

This product range for glass doors comes with high convenience options for the user and a variety of assembly designs. With the appropriate adapter also timber doors can be used.

### User friendly options

Unpowered Self-Closing action

The following three options are even available as retrofit-sets:

- Independently concealed locking with electromechanical lock (battery powered)
- Status indicator connecting with your facility management
- DORMOTION damping mechanism without glass preparation

Product variant	MUTO Comfort XL DORMOTION 80 / 150	MUTO Comfort XL Self-Closing	MUTO Comfort XL Telescopic
Track dimensions	W = 72 mm H = 69 mm	W = 100 mm H = 69 mm	W = 125 mm H = 69 mm
Track dimensions + optional side panel	W = 91 mm H = 69 mm	W = 119 mm H = 69 mm	W = 144 mm H = 69 mm
Basic description			
Max. gap to wall (glass door)	20 mm	20 mm	17 mm
Max. gap to wall (timber door, thickness ≤ 30mm)	7 mm	7 mm	7 mm
Max. gap to wall (timber door, thickness > 30 mm)	7 mm	7 mm	7 mm
Glass thickness	8 – 13.5 mm	8 – 13.5 mm	8 – 13.5 mm
Material thickness (timber)	≤ 50 mm	≤ 50 mm	≤ 50 mm
Installations	Wall, glass, ceiling	Wall, glass, ceiling	Wall, glass, ceiling
Door height	≤ 3,000 mm	≤ 3,000 mm	≤ 3,000 mm
Door width	≤ 2,500 mm	≤ 1,500 mm	≤ 1,200 mm
Door height adjustment	+ / - 5 mm	+ / - 5 mm	+ 5 mm / - 3 mm
Corrosion EN 1670	Class 4	Class 4	Class 4
Door cycles	≥ 200,000	≥ 200,000	≥ 200,000
DIN EN 1527	•	•	•
Max. door weight/single door	150 kg	120 kg	2 x 80 kg
Max. door weight/double door	2 x 150 kg	2 x 120 kg	4 x 80 kg
Easy installation	•	•	•
Prepared for timber	0	0	0
Prepared for LSG	•	•	•
Functionalities			
DORMOTION	<ul> <li>No glass preparation</li> </ul>	No glass preparation	O No glass preparation
Synchro for 2 door leaves	O <sub>1)</sub>		_
Status indicator	0	0	0
Concealed EM locking	0	0	0
nstallation flush junction	0	0	0
Self-Closing		•	_
Summary	For 80/150 kg doors, most extras	Self-Closing version for 120 kg doors, most extras	Telescopic version for 80 kg panels, most extra

<sup>1)</sup> Synchro with DORMOTION is only possible with DORMOTION XL 80  $\&\,$  DORMOTION L 80 systems

### **Variants**

- Telescopic wide openings with small panels
- Synchro moving both panels of a double door synchronously either toward each other (closing) or from
- each other (opening) when just one panel is moved by hand.
- Wall, glass and ceiling installations possible
- For different panel weights (max. 150 kg)
- Laminated safety glass possible, without glass preparation

MUTO Comfort XL 150	MUTO Comfort L DORMOTION 80	MUTO Comfort L 80	MUTO Comfort M DORMOTION 50
W = 62 mm	W = 71 mm	W = 61 mm	W = 57 mm
H = 69 mm	H = 58 mm	H = 58 mm	H = 58 mm
W = 81 mm H = 69 mm	W = 90 mm  H = 58 mm	W = 80 mm H = 58 mm	_
	17 mm	17 mm	 21.5 – 23.5 mm
7 mm	7 mm	7 mm	7 mm
7 mm	7 mm	7 mm	7 mm
8 – 13.5 mm	8 – 13.5 mm	8 – 13.5 mm	8 – 10 mm
≤ 50 mm	≤ 50 mm	≤ 50 mm	≤ 50 mm
Wall, glass, ceiling	Wall, glass, ceiling	Wall, glass, ceiling	Wall, ceiling
≤ 3,000 mm	≤ 3,000 mm	≤ 3,000 mm	≤ 2,500 mm
≤ 2,500 mm	≤ 2,000 mm	≤ 2,000 mm	≤ 1,300 mm
+ / - 5 mm	+ 5 mm / - 3 mm	+ 5 mm / - 3 mm	+ 2 mm / - 2 mm
Class 4	Class 4	Class 4	Class 2
≥ 100,000	≥ 100,000	≥ 100,000	≥ 100,000
•	•	•	•
150 kg	80 kg	80 kg	50 kg
2 x 150 kg	2 x 80 kg	2 x 80 kg	
•	•	•	•
0	0	0	0
•	•	•	-
	O No glass preparation <sup>2)</sup>		O No glass preparation <sup>2)</sup>
	O <sub>1)</sub>		
	0		_
	0		——————————————————————————————————————
0	0	0	
	<del></del>		
For extra heavy doors, no extras	For 80 kg doors, most extras	For 80 kg doors, no extras	For 50 kg doors, DORMOTION available

yes 
 − no ○ optional

<sup>1)</sup> Synchro with DORMOTION is only possible with DORMOTION XL 80  $\&\,$  DORMOTION L 80 systems 2) DORMOTION unit to be ordered separately

### HOW TO COMPOUND THE DORMA ARTICLE NUMBER

Illustrated the example of MUTO Comfort M DORMOTION 50, set for wall installation, surface SILVER N 600 – Alumin. Silver (F150)

Complete article number: 8.36.100.150.99

Code	8	36	100	150	99
Meaning for this part of the code in general	Product category	Product group	Article definition	Surface finish	Article status
In this special case	DORMA glass product	Manual sliding door systems MUTO Comfort	MUTO Comfort M DORMOTION 50, set wall installation	Silver N 600 Satin – Alumin. Silver	Salable article

The short version used in this technical documentation only shows the product group and the article definition. In our example: 36.100. For all articles shown in this catalogue the codes 8 (DORMA glass product) and 99 (salable article) remain unchanged. The other parts of the code are variable depending on the particular article and finish.

Art. No.	8.36.xxx. <b>xxx</b> .	.99
Alumin. Silver	150	
Alumin. Dark Niro	157	
Alumin. White	350	

Art. No.	8.36.xxx. <b>xxx</b>	.99
Alumin. special anodized	199	
Alumin. special color	399	

### GENERAL INFORMATION MUTO COMFORT

#### **MUTO Comfort**

The MUTO system impresses by virtue of its compact elegance and the wide functionality it offers, enabling enhanced user-friendliness in a sliding door system: smooth damping in the endpositions of the door, power-free Self-Closing, integrated electromechanical lock and a

status indicator enabling the door to be monitored from anywhere in the building.

### Weight classes

- 50 kg
- 80 kg
- 120 kg
- 150 kg

Activity rate, Longevity	
≥ 100,000 cycles	≥ 200,000 cycles
50 kg variant	150 kg variant
80 kg variant	Self-Closing variant 120 kg
	Telescopic

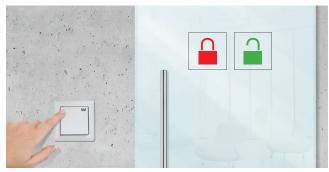
### DORMOTION - the elegant damping mechanism



Status indicator - everything under control



### Integrated electromechanical lock - discretion assured

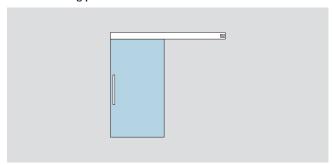


Self-Closing - hassle-free

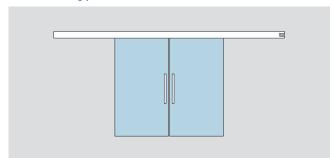


### **INSTALLATIONS**

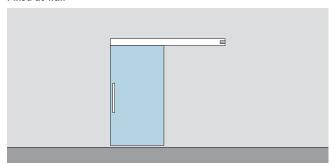
With one sliding panel



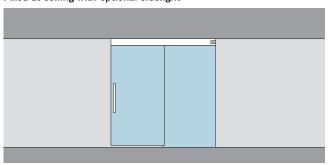
With two sliding panels



Fixed at wall



Fixed at ceiling with optional sidelight



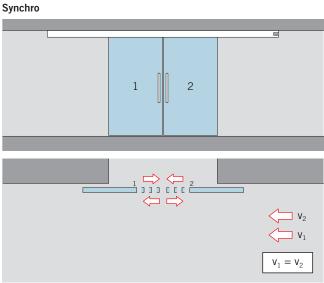
Fixed at transom with sidelight



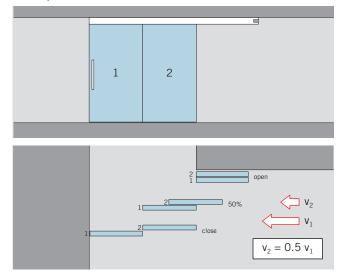
Fixed at glass



### **FUNCTIONALITIES**

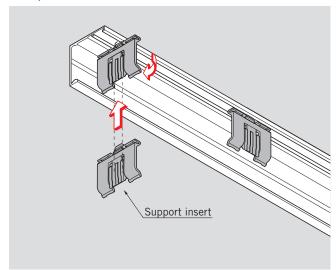


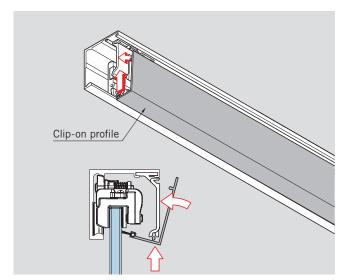
Telescopic



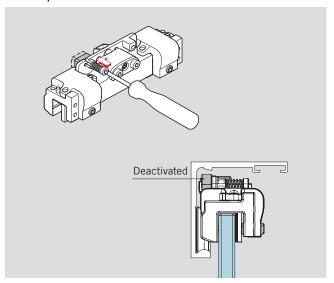
# ADVANTAGES AT INSTALLATION

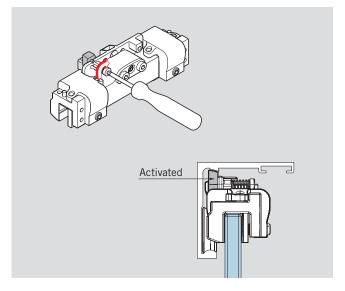
### Cover profile



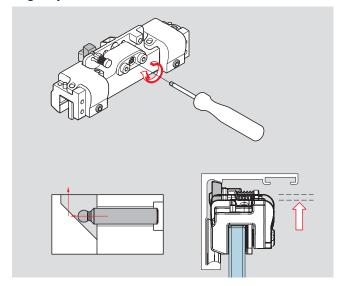


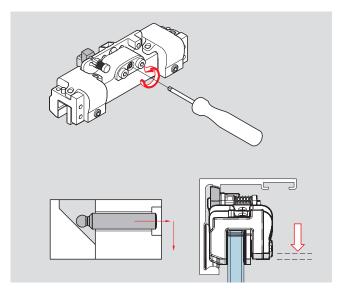
### Anti-Jump device



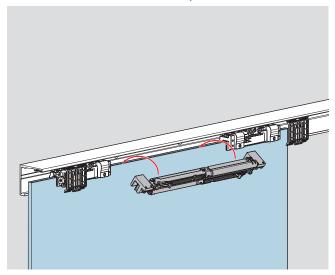


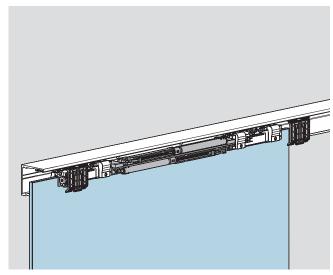
### Height adjustment



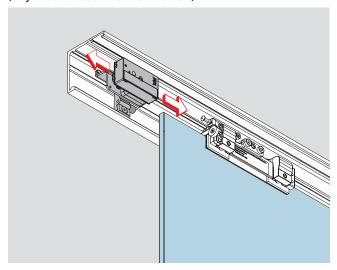


Retrofit of the DORMOTION unit (min. panel widths for DORMOTION units have to be considered)

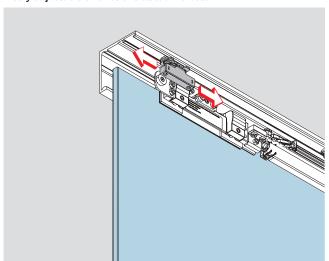




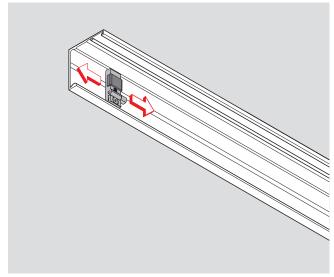
Freely adjustable and retrofit locking unit (only in combination with DORMOTION)



Freely adjustable and retrofit status indicator

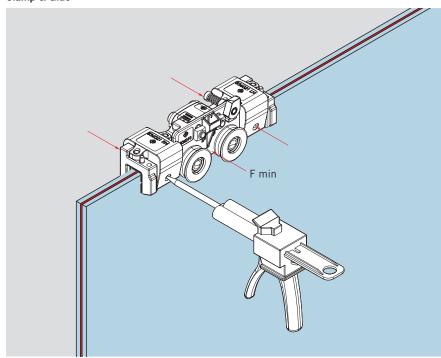


Freely adjustable endstop



### LSG COMPATIBILITY

### Clamp & Glue

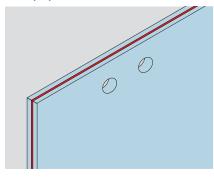


DORMA's Clamp & Glue technology provides the possibility to keep the advantages and – at the same time – to eliminate the potential failures of laminated safety glass.

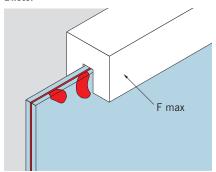
The solution for secure hold of the glass panel only needs a minimum of clamping force at the fittings, without any glass preparation.

### NOT WITH MUTO

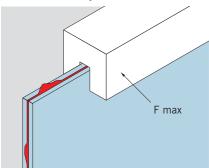
Glass preparation



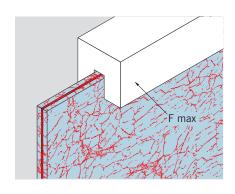
Blister



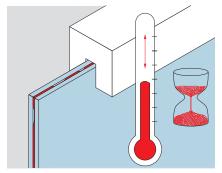
Extrusion of interlayer



Glass crack

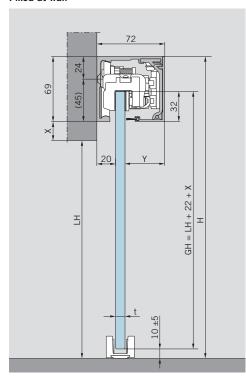


Shrinkage of interlayer (due to temperature variation in long-term usage)



### TYPICAL ASSEMBLIES FIXED AT WALL

#### Fixed at wall



### Features and data

For installation with one or two door panels fixed at wall; for 8 – 13.5 mm glass thickness

### Max. weight of door panels

80 kg for Comfort XL DORMOTION 80 150 kg for Comfort XL DORMOTION 150

### Calculation of glass height

GH = LH + 22 + X (see drawing) max. 3000 mm

### Calculation of glass width

A = LW + 60 mmmin. 810 mm

for Comfort XL DORMOTION 80

min. 1020 mm

for Comfort XL DORMOTION 150

max. 2500 mm max. 2 x 1470 mm

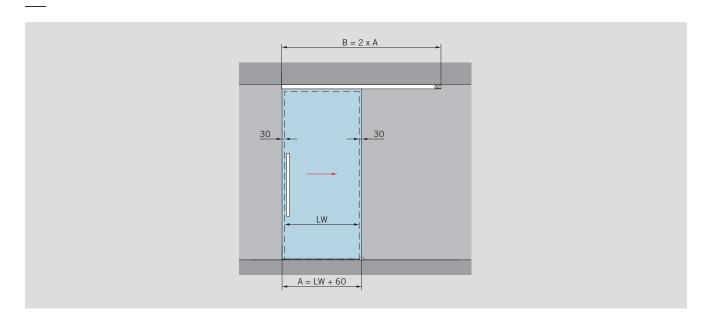
for Comfort XL DORMOTION 80/150

A = Glass width
B = Length of track
GH = Glass height
H = Total height
LH = Clear opening heis

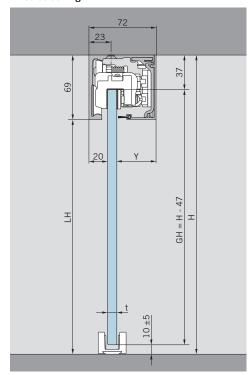
LH = Clear opening height
LW = Clear opening width
t = Glass thickness

Y = 72 - 20 - t

### TYPICAL ASSEMBLIES FIXED AT CEILING



### Fixed at ceiling



### Calculation of glass height

GH = H - 47 max. 3000 mm

A = Glass width
B = Length of track
GH = Glass height
H = Total height
LH = Clear opening he

LH = Clear opening height
LW = Clear opening width
t = Glass thickness
Y = 72 - 20 - t

#### Features and data

For installation with one or two door panels fixed at ceiling or fixed at false ceiling;

for  $8-13.5\ mm$  glass thickness

### Max. weight of door panels

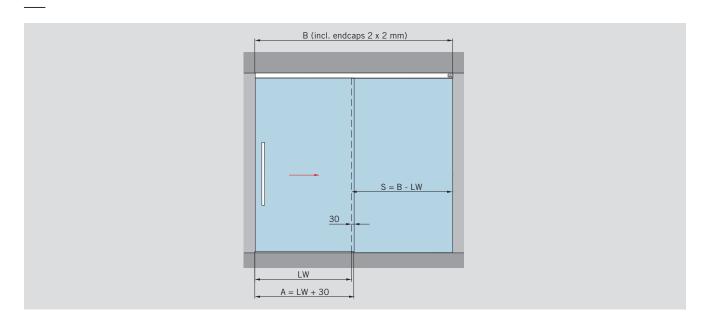
80 kg for Comfort XL DORMOTION 80 150 kg for Comfort XL DORMOTION 150

### Calculation of glass width

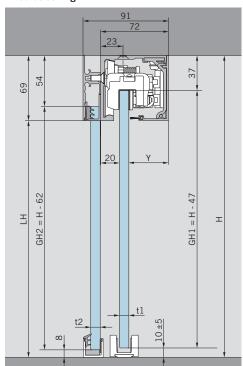
A = LW + 60 mm min. 810 mm for Comfort XL DORMOTION 80 min. 1020 mm for Comfort XL DORMOTION 150

max. 2500 mm max. 2 x 1470 mm for Comfort XL DORMOTION 80/150

### TYPICAL ASSEMBLIES WITH SIDELIGHT, ON ONE SIDE



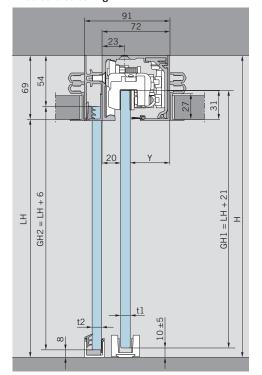
### Fixed at ceiling



### Calculation of glass height

GH1 = H - 47GH2 = H - 62max. 3000 mm

### Fixed at false ceiling



### Calculation of glass height

GH1 = LH + 21GH2 = LH + 6max. 3000 mm

#### Features and data

For installation with one door panel with sidelight on one side; for 8 - 13.5 mm glass thickness

### Max. weight of door panels

80 kg for Comfort XL DORMOTION 80 150 kg for Comfort XL DORMOTION 150

### Calculation of glass width

A = LW + 30 mmmin. 810 mm for Comfort XL DORMOTION 80 min. 1020 mm for Comfort XL DORMOTION 150 max. 2500 mm

= Glass width = Length of track

GH1 = Glass height sliding door GH2 = Glass height sidelight

= Total height

LH = Clear opening heigth

LW = Clear opening width

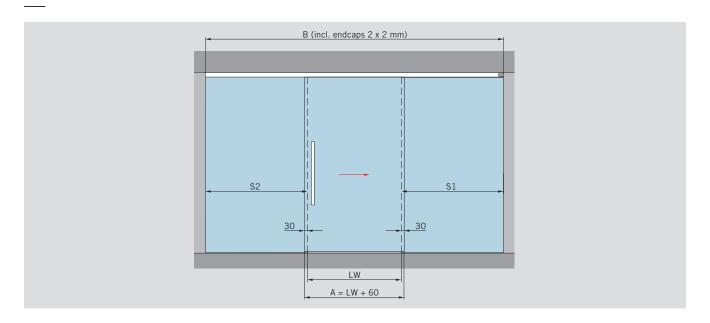
= Glass width sidelight

t1 = Glass thickness sliding door

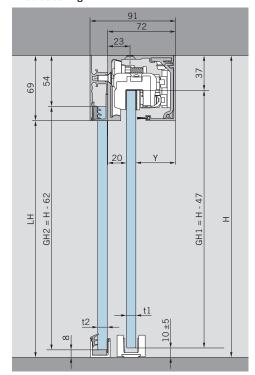
= Glass thickness sidelight t2

= 72 - 20 - t1

### TYPICAL ASSEMBLIES WITH SIDELIGHT, ON BOTH SIDES



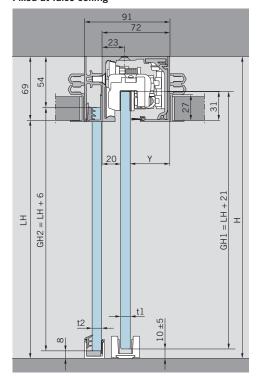
### Fixed at ceiling



### Calculation of glass height

GH1 = H - 47 GH2 = H - 62 max. 3000 mm

### Fixed at false ceiling



### Calculation of glass height

GH1 = LH + 21 GH2 = LH + 6max. 3000 mm

#### Features and data

For installation with one door panel with sidelight on both sides; for  $8-13.5\,$  mm glass thickness

### Max. weight of door panels

80 kg for Comfort XL DORMOTION 80 150 kg for Comfort XL DORMOTION 150

### Calculation of glass width

A = LW + 60 mm min. 810 mm for Comfort XL DORMOTION 80 min. 1020 mm for Comfort XL DORMOTION 150 max. 2500 mm

A = Glass width
B = Length of track
CLLL Class height eliding

GH1 = Glass height sliding door GH2 = Glass height sidelight

H = Total height

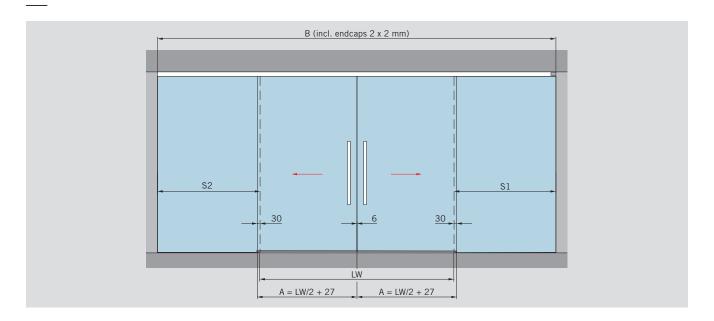
LH = Clear opening heigth

LW = Clear opening width S = Glass width sidelight

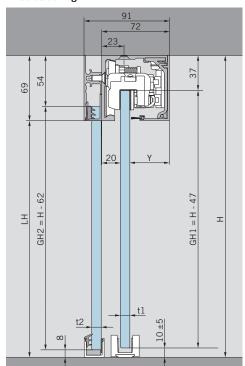
t1 = Glass thickness sliding door t2 = Glass thickness sidelight

Y = 72 - 20 - t1

### TYPICAL ASSEMBLIES WITH TWO DOOR PANELS WITH SIDELIGHTS



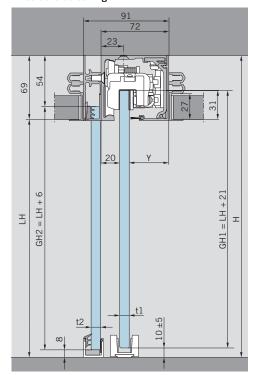
### Fixed at ceiling



### Calculation of glass height

GH1 = H - 47 GH2 = H - 62 max. 3000 mm

### Fixed at false ceiling



### Calculation of glass height

GH1 = LH + 21 GH2 = LH + 6max. 3000 mm

#### Features and data

For installation with two door panels with sidelights; for 8 – 13.5 mm glass thickness

### Max. weight of door panels

80 kg for Comfort XL DORMOTION 80 150 kg for Comfort XL DORMOTION 150

### Calculation of glass width

A = LW / 2 + 27 mm min.  $2 \times 810$  mm for Comfort XL DORMOTION 80 min.  $2 \times 1020$  mm for Comfort XL DORMOTION 150

max. 2 x 1470 mm for Comfort XL DORMOTION 80/150

A = Glass width

B = Length of track

B1 = Length of track incl. end caps

GH1 = Glass height sliding door

GH2 = Glass height sidelight

LH = Clear opening height

LW = Clear opening width

S = Glass width sidelight

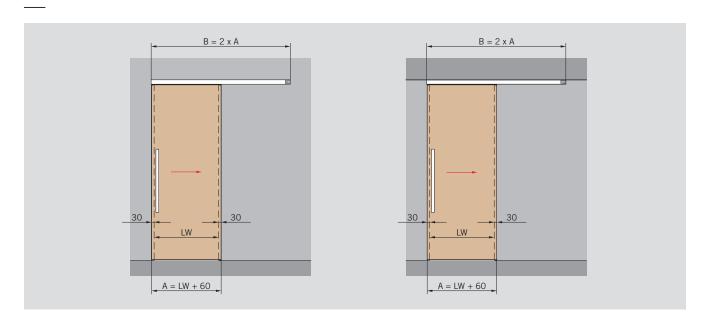
t1 = Glass thickness sliding door

t1 = Glass thickness sliding door

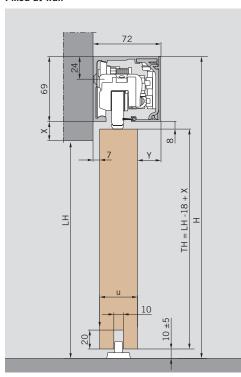
t2 = Glass thickness sidelight

Y = 72 - 20 - t1

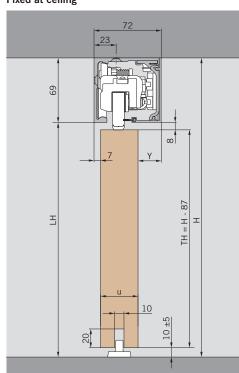
# TYPICAL ASSEMBLIES FOR TIMBER DOOR



#### Fixed at wall



### Fixed at ceiling



### Features and data

For installation with timber doors; fixed at wall or ceiling, for 28 – 50 mm timber elements

### Max. weight of door panels

80 kg for Comfort XL DORMOTION 80 150 kg for Comfort XL DORMOTION 150

### Calculation of door height

TH = LH - 18 + X TH = H - 87 max. 3000 mm

### Calculation of door width

A = LW + 60 min. 810 mm for Comfort XL DORMOTION 80 min. 1020 mm for Comfort XL DORMOTION 150

max. 2500 mm max. 2 x 1470 mm

for Comfort XL DORMOTION 80/150

A = Door width

B = Length of track

H = Total height

LH = Clear opening heigth

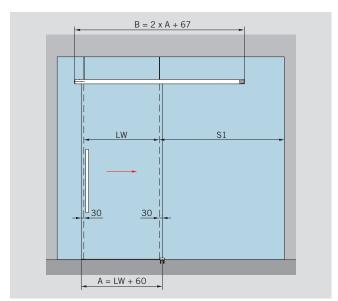
LW = Clear opening width

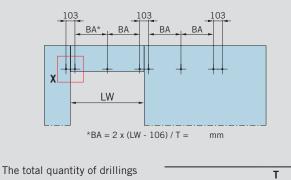
TH = Door height

u = Timber thickness

Y = 72 - 7 - u

### TYPICAL ASSEMBLIES FIXED AT GLASS



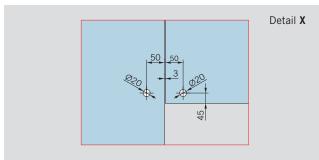


(AB) depends on clear opening width (LW) and determines the final drilling distance (BA).

Calculation sample:  $BA = 2 \times (800 - 106) / 4 =$ 347.0 mm

		70
600 ≤ LW ≤ 800	4	8
$800 < LW \le 1000$	6	10
1000 < LW ≤ 1200	8	12
1200 < LW ≤ 1500	10	14
1500 < LW ≤ 2000	12	16
2000 < LW ≤ 2500	14	18

### Glass preparation



#### Features and data

For installation with one panel fixed at glass;

for 8 - 13.5 mm glass thickness

### Max. weight of door panels

80 kg

for Comfort XL DORMOTION 80 150 kg for Comfort XL DORMOTION 150

### Calculation of glass height

GH = LH + 22max. 3000 mm

#### Calculation of glass width

A = LW + 60min. 810 mm

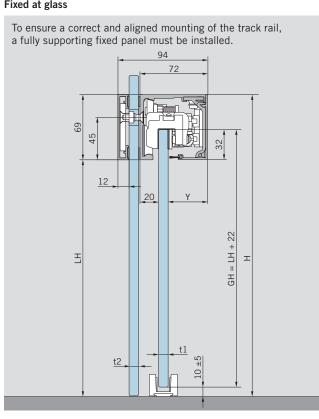
for Comfort XL DORMOTION 80

min. 1020 mm

for Comfort XL DORMOTION 150

max. 2500 mm

#### Fixed at glass



XL	XL
DORMOTION	DORMOTION
80	150
810 mm	1020 mm
750 mm	960 mm
2500 mm	2500 mm
2440 mm	2440 mm
	DORMOTION 80 810 mm 750 mm 2500 mm

= Glass width AB = Quantity of drillings B = Length of track

BA = Drilling distance H = Total height

LH = Clear opening height LW = Clear opening width

GH = Door height

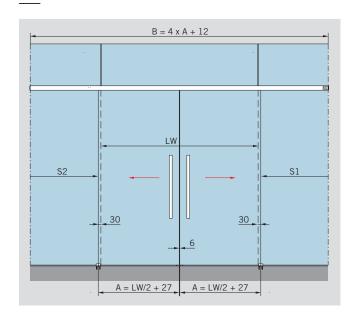
= Quantity of drilling distance signed with BA

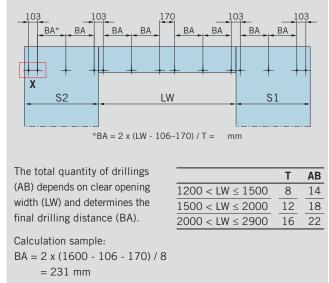
t1 = Glass thickness sliding door t2 = Glass thickness

fixed panel (10 - 19 mm)

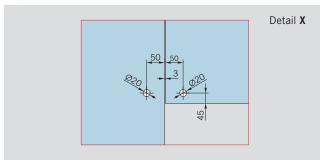
Y = 72 - 20 - t1

### TYPICAL ASSEMBLIES WITH TWO DOOR PANELS FIXED AT GLASS

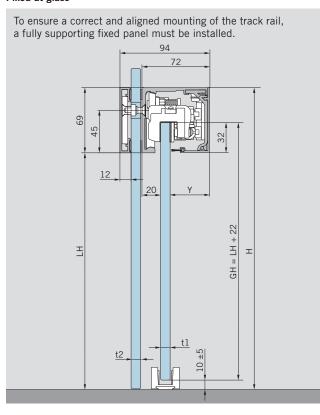




### Glass preparation



#### Fixed at glass



### Features and data

For installation with two panel fixed at glass;

for 8 - 13.5 mm glass thickness

#### Max. weight of door panels

80 kg

for Comfort XL DORMOTION 80 150 kg for Comfort XL DORMOTION 150

### Calculation of glass height

GH = LH + 22

max. 3000 mm

Calculation of glass width

A = LW / 2 + 27,

min. 810 mm

for Comfort XL DORMOTION 80,

min. 1020 mm

for Comfort XL DORMOTION 150,

max. 2500 mm max. 2 x 1470 mm

for Comfort XL DORMOTION 80/150

	XL DORMOTION 80	XL DORMOTION 150
min. door width without DORMOTION	660 mm	660 mm
min. clear opening width without DORMOTION	1266 mm	1266 mm
min. door width with DORMOTION	810 mm	1020 mm
min. clear opening width with DORMOTION	1566 mm	1986 mm
max. door width	1470 mm	1470 mm
max. clear opening width	2886 mm	2886 mm

A = Glass width

AB = Quantity of drillings

 $\mathsf{B} \quad = \ \mathsf{Length} \ \mathsf{of} \ \mathsf{track}$ 

BA = Drilling distance

H = Total height

LH = Clear opening height

LW = Clear opening width

GH = Door height

 $\Gamma$  = Quantity of drilling

distance signed with BA

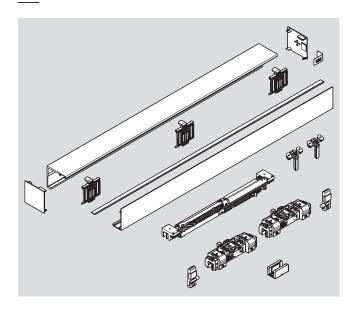
t1 = Glass thickness sliding door

t2 = Glass thickness

fixed panel (10 - 19 mm)

Y = 72 - 20 - t1

# SLIDING DOOR SETS, FOR SELECTED CLEAR OPENING WIDTH

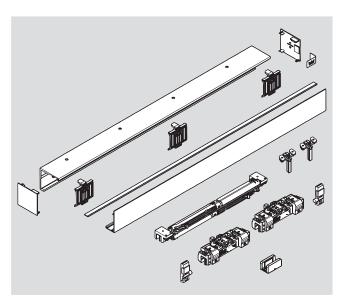


### Comfort XL DORMOTION 80 Set for wall installation incl. DORMOTION for max. 80 kg

Incl. track profile, cover profile and brushes

Complete accessories for 8 – 13.5 mm glass thickness

Panel	Profile	Art. No.
width	length	
900	1780	36.500
1200	2380	36.501
1450	2880	36.502

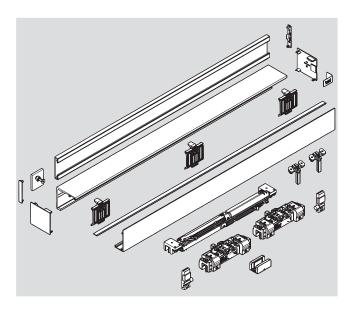


### Comfort XL DORMOTION 80 Set for ceiling installation incl. DORMOTION for max. 80 kg

Incl. track profile, cover profile and brushes

 $\begin{array}{l} \text{Complete accessories for} \\ 8-13.5 \text{ mm glass thickness} \end{array}$ 

Panel	Profile	Art. No.
width	length	
900	1780	36.503
1200	2380	36.504
1450	2880	36.505

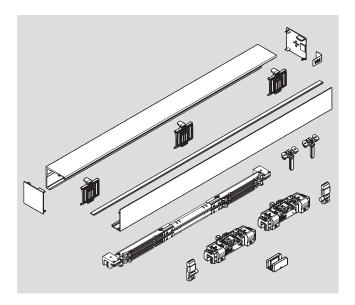


### Comfort XL DORMOTION 80 Set for glass installation incl. DORMOTION for max. 80 kg

Incl. track profile, cover profile, counter profile and brushes

Complete accessories for 8 – 13.5 mm glass thickness

Clear opening width			Art. No.
850	910	1887	36.506
1050	1110	2287	36.507
1250	1310	2687	36.508

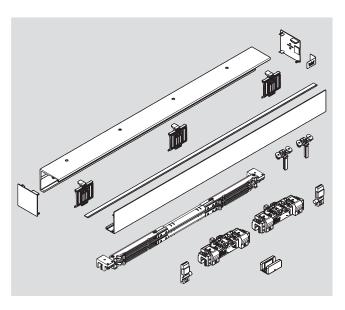


# Comfort XL DORMOTION 150 Set for wall installation incl. DORMOTION for max. 150 kg

Incl. track profile, cover profile and brushes

Complete accessories for 8 – 13.5 mm glass thickness

Panel width	Profile length	Art. No.
1250	2480	36.509
1450	2880	36.510



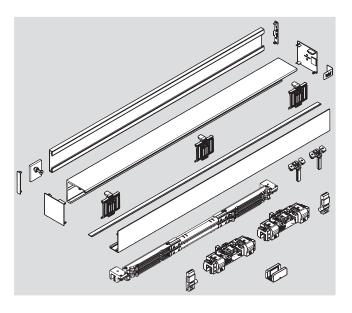
### Comfort XL DORMOTION 150 Set for ceiling installation incl. DORMOTION for

max. 150 kg

Incl. track profile, cover profile and brushes

 $\begin{array}{l} \text{Complete accessories for} \\ 8-13.5 \text{ mm glass thickness} \end{array}$ 

Panel	Profile	Art. No.
width	length	
1250	2480	36.511
1450	2880	36.512



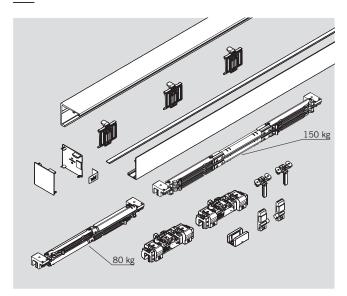
# Comfort XL DORMOTION 150 Set for glass installation incl. DORMOTION for max. 150 kg

Incl. track profile, cover profile, counter profile and brushes

 $\begin{tabular}{ll} Complete accessories for \\ 8-13.5 \mbox{ mm glass thickness} \end{tabular}$ 

Clear opening width			Art. No.
1250	1310	2687	36.513
1400	1460	2987	36.514

### SLIDING DOOR SETS, FOR INDIVIDUAL CLEAR OPENING WIDTH



### Comfort XL DORMOTION 80 / 150

Set for wall installation Profile length xxxx mm\* (max. 5000 mm) Incl. track profile, cover profile and brushes Complete accessories for

8 – 13.5 mm glass thickness

### Incl. DORMOTION for

max. 80 kg

Min. panel width 810 mm

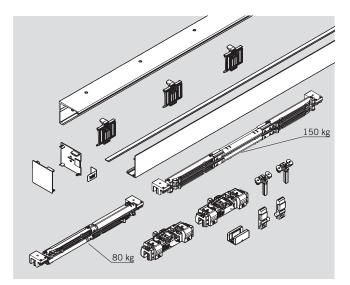
Max. panel width 2500 mm Art. No. 36.520

### Incl. DORMOTION for

max. 150 kg

Min. panel width 1020 mm

Max. panel width 2500 mm Art. No. 36.521



#### Comfort XL DORMOTION 80 / 150

Set for ceiling installation Profile length xxxx mm\* (max. 5000 mm) Incl. track profile, cover profile and brushes Complete accessories for 8 – 13.5 mm glass thickness

### Incl. DORMOTION for

max. 80 kg

Min. panel width 810 mm

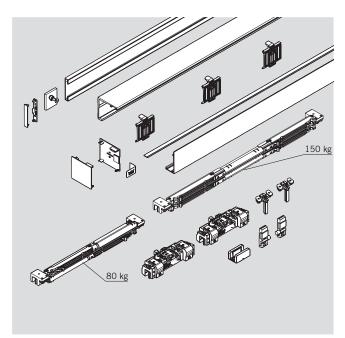
Max. panel width 2500 mm Art. No. 36.522

### Incl. DORMOTION for

 $\max.\ 150\ kg$ 

Min. panel width 1020 mm

Max. panel width 2500 mm Art. No. 36.523



### Comfort XL DORMOTION 80 / 150

Set for glass installation Profile length xxxx mm\* (max. 5067 mm) Incl. track profile, cover profile, counter profile and brushes Complete accessories for 8 – 13.5 mm glass thickness

### Incl. DORMOTION L

max. 80 kg

Min. panel width 810 mm (min. LW 750 mm) Max. panel width 2500 mm

(max. LW 2440 mm)

### Incl. DORMOTION XL

max. 150 kg

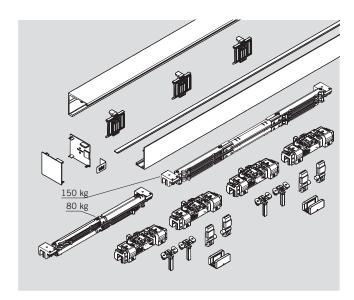
Min. panel width 1020 mm (min. LW 960 mm)

Max. panel width 2500 mm (max. LW 2440 mm)

Art. No. 36.525

\* to be defined by customer

Art. No. 36.524



### Comfort XL DORMOTION 80 / 150

Set for 2-panel door, wall installation, fixed length Profile length xxxx mm\* (max. 5880 mm) Incl. track profile, cover profile and brushes Complete accessories for 8 – 13.5 mm glass thickness

### Incl. DORMOTION for

max. 80 kg

Min. panel width 810 mm

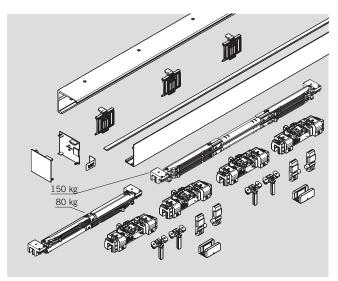
Max. panel width 1470 mm Art. No. 36.526

### Incl. DORMOTION for

max. 150 kg

Min. panel width 1020 mm

Max. panel width 1470 mm Art. No. 36.527



#### Comfort XL DORMOTION 80 / 150

Set for 2-panel door, ceiling installation, fixed length Profile length xxxx mm\* (max. 5880 mm) Incl. track profile, cover profile and brushes Complete accessories for

8 - 13.5 mm glass thickness

### Incl. DORMOTION for

max. 80 kg

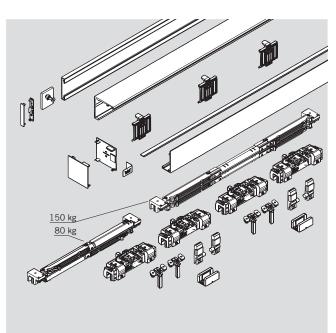
Art. No. 36.528

Min. panel width 810 mm Max. panel width 1470 mm

### Incl. DORMOTION for $\max.\ 150\ kg$

Min. panel width 1020 mm

Max. panel width 1470 mm Art. No. 36.529



\* to be defined by customer

### Comfort XL DORMOTION 80 / 150

Set for 2-panel door, glass installation, fixed length Profile length xxxx mm\* (max. 5892 mm) Incl. track profile, cover profile and brushes
Complete accessories for 8 – 13.5 mm glass thickness

### Incl. DORMOTION for max. 80 kg

Min. panel width 810 mm

(min. LW 1566)

Max. panel width 1470 mm (max.

LW 2886)

Art. No. 36.530

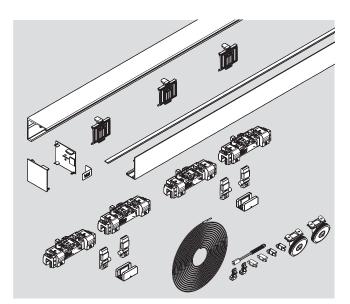
### Incl. DORMOTION for

max. 150 kg

Min. panel width 1020 mm (min. LW 1986 mm)

Max. panel width 1470 mm

(max. LW 2886) Art. No. 36.531



### Comfort XL Synchro

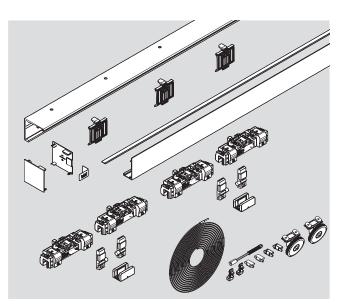
Set for 2-panel door, wall installation, fixed length

#### without DORMOTION

Profile length xxxx mm\* (max. 5880 mm) Min. panel width 660 mm Max. panel width 1470 mm

Incl. track profile, cover profile and brushes

Complete accessories for 8-13.5 mm glass thickness Art. No. 36.532



### Comfort XL Synchro

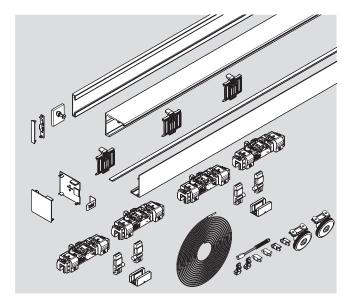
Set for 2-panel door, ceiling installation, fixed length

### without DORMOTION

Profile length xxxx mm\* (max. 5880 mm) Min. panel width 660 mm Max. panel width 1470 mm

Incl. track profile, cover profile and brushes

Complete accessories for 8-13.5 mm glass thickness Art. No. 36.533



#### Comfort XL Synchro

Set for 2-panel door, glass installation, fixed length

### without DORMOTION

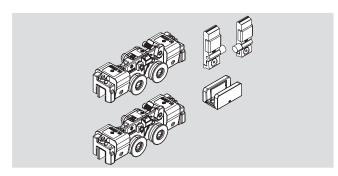
Profile length xxxx mm\* (max. 5892 mm) Min. panel width 660 mm (min. LW 1266 mm) Max. panel width 1470 mm (max. LW 2886 mm)

Incl. track profile, cover profile, counter profile and brushes

Complete accessories for  $8-13.5 \ \text{mm}$  glass thickness Art. No. 36.534

### COMPONENT PARTS

\_\_\_

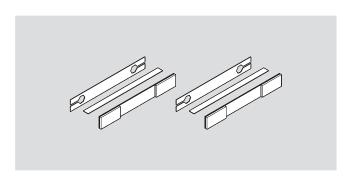


### Comfort XL DORMOTION 80 / 150 / Synchro

Accessory set for DORMOTION variants

Consisting of: 2 clamp carriers, 2 endstops and 1 floor guide

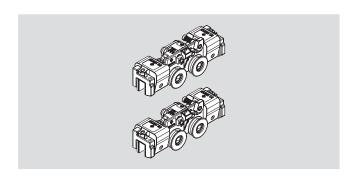
Art. No. 36.550



### Comfort XL (DORMOTION 80 / 150 Synchro)

Gasket set

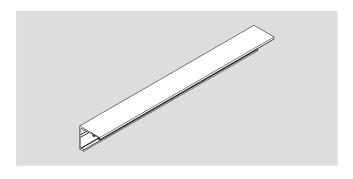
Art. No. 36.451



### Comfort XL DORMOTION 80 / 150 / Synchro

Pair roller module for DORMOTION variants

Art. No. 36.551

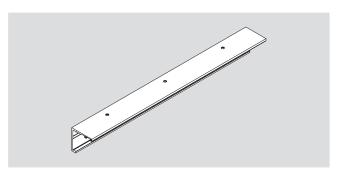


### Comfort XL DORMOTION 80 / 150 / Synchro

Track rail for DORMOTION for wall installation

stock length 6000 mm Art. No. 36.552

fixed length xxxx mm\* Art. No. 36.553



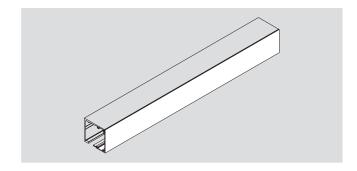
### Comfort XL DORMOTION 80 / 150 / Synchro

Track rail for DORMOTION for ceiling installation

stock length 6000 mm Art. No. 36.554

fixed length xxxx mm\* Art. No. 36.555

<sup>\*</sup> to be defined by customer



### Comfort XL DORMOTION 80 / 150 / Synchro

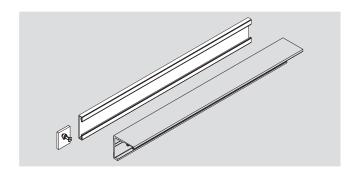
Cover profile for DORMOTION front cover

stock length 6000 mm

Art. No. 36.566

fixed length xxxx mm\*

Art. No. 36.567



### Comfort XL

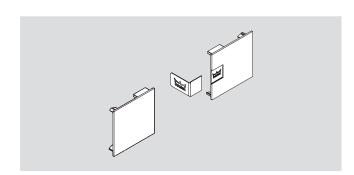
Counter profile for installation at glass

stock length 6000 mm

Art. No. 36.xxx (on request)

fixed length xxxx mm\*

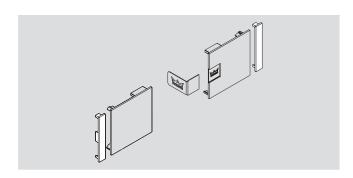
Art. No. 36.xxx (on request)



### Comfort XL DORMOTION 80 / 150 / Synchro

Set endcaps for DORMOTION for wall and ceiling installation

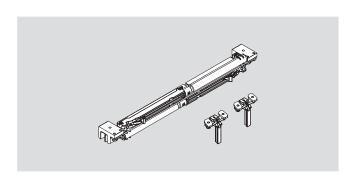
Art. No. 36.556



# Comfort XL (DORMOTION 80 / 150 / Synchro)

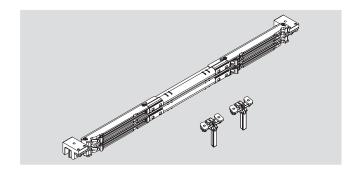
Set endcaps for installation at glass

Art. No. 36.460



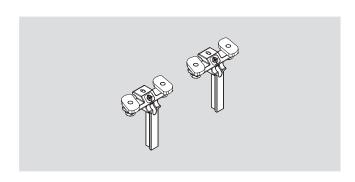
# Comfort XL DORMOTION 80 / Synchro

DORMOTION Unit for max. 80 kg, with complete accessories (min. glass width 810 mm) Art. No. 36.557



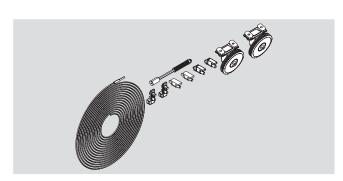
Comfort XL DORMOTION 150

DORMOTION Unit for max. 150 kg, with complete accessories (min. glass width 1020 mm) Art. No. 36.558



Comfort XL DORMOTION 80 / 150 / Synchro DORMOTION Starter unit

Art. No. 36.559



# Comfort XL DORMOTION 80 / Synchro

Synchro set (wire, pulley etc.)
With complete accessories
Not compatible
with DORMOTION XL

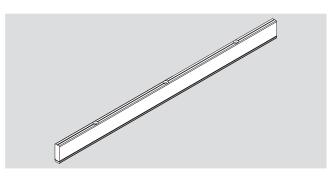
Art. No. 36.560



Comfort XL DORMOTION 80 / 150 / Synchro

Wire for Synchro set

Art. No. 36.358



\* to be defined by customer

# Comfort XL (DORMOTION 80 / 150 / Synchro)

Timber adapter set Profile 12.5 x 36 mm + 12.5 x 4 mm, incl. accessories

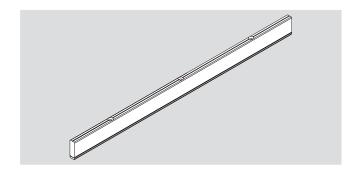
1460 mm

fixed length xxxx mm\*, max. 2500 mm

Art. No. 36.461

Art. No. 36.464

29

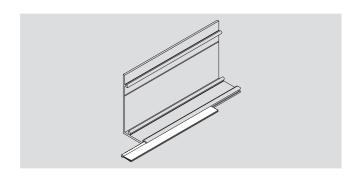


# Comfort XL (DORMOTION 80 / 150 / Synchro)

Timber adapter profile Profile 12.5 x 36 mm + 12.5 x 4 mm

stock length 6000 mm

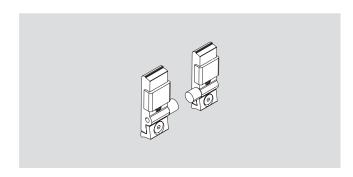
Art. No. 36.463



### Comfort

Brush profile for 8-10 mm and 12-13.5 mm glass

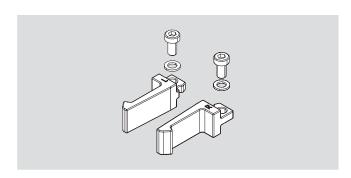
Art. No. 36.265



# Comfort XL (DORMOTION 80 / 150 / Synchro)

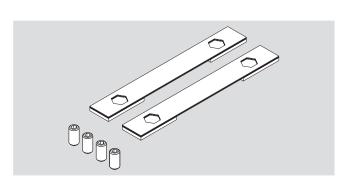
Endstop set 2 pieces

Art. No. 36.465



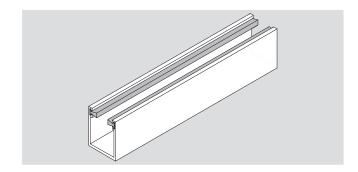
# Comfort XL (DORMOTION 80 / 150 / Synchro)

Hook set 2 pieces Art. No. 36.467



### Comfort XL (DORMOTION 80 / 150 / Synchro)

LTG set Accessory set for use with LSG for one pair of clamp carrier Art. No. 36.468

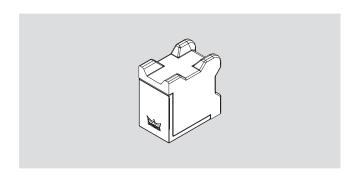


### Comfort

Subsurface floor guide track rail with brushes

stock length 6000 mm Art. No. 36.561

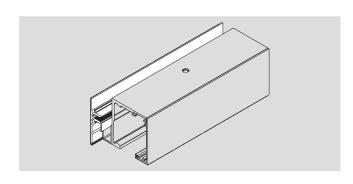
fixed length xxxx mm\* Art. No. 36.562



### Floorstop

Individually applicable for all options (glass or timber elements)

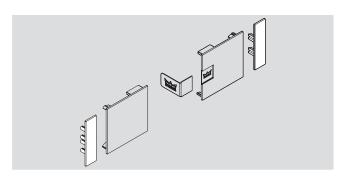
Art. No. 36.851



### Comfort XL (DORMOTION 80 / 150 / Synchro)

Side panel profile for glass connection on top, 69 mm height, complete with all gaskets, Profile for  $8-13.5\ mm$  glass

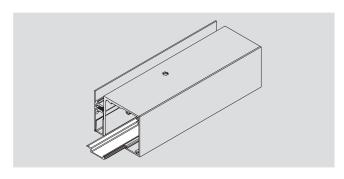
stock length 6000 mm Art. No. 36.469 fixed length xxxx mm\* Art. No. 36.474



### Comfort XL (DORMOTION 80 / 150 / Synchro)

Set endcaps for side panel profile, 69 mm height

Art. No. 36.471



### Comfort

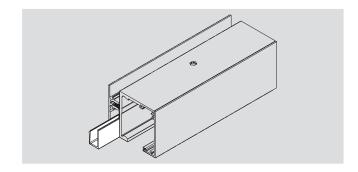
View protection profile for side panel profile, 58 mm + 69 mm height

stock length 6000 mm Art. No. 36.800

Art. No. 36.801 fixed length xxxx mm\*

31

<sup>\*</sup> to be defined by customer



### Comfort

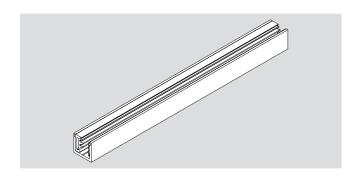
Filling profile for side panel profile, 58 mm + 69 mm height

stock length 6000 mm

Art. No. 36.802

fixed length xxxx mm\*

Art. No. 36.803



### Comfort

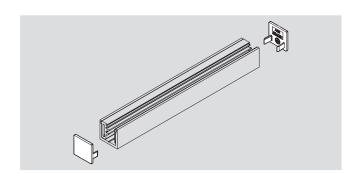
Floor profile for side panel fixing, complete with all gaskets, Profile for 8 – 13.5 mm glass

stock length 6000 mm

Art. No. 36.810

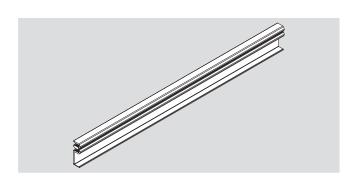
fixed length xxxx mm\*

Art. No. 36.811



### Comfort

Set endcaps for floor profile - side panel fixing Art. No. 36.812



### Comfort

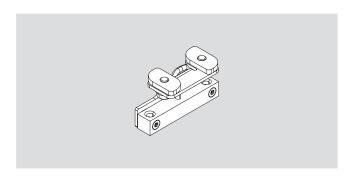
Connecting profile for false ceilings, incl. accessory set, applicable for MUTO Comfort Systems: 80, 150, Telescopic, Synchro

stock length 6000 mm

Art. No. 36.821

fixed length xxxx mm\*

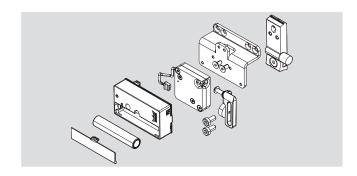
Art. No. 36.820



#### Comfort

Status-Indicator set with complete accessory (sensor, cable etc.)

Art. No. 36.840

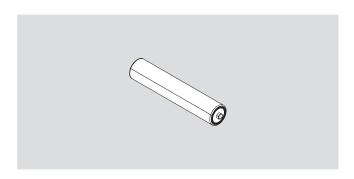


### Comfort

Set locking device complete with complete accessory: locking-mechanic, electronic, installation-base etc.

(only in combination with DORMOTION)

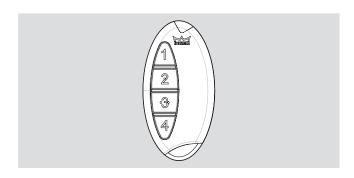
Art. No. 36.842



### Comfort

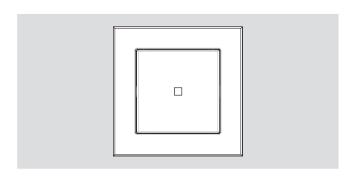
Battery for locking device

Art. No. 36.845



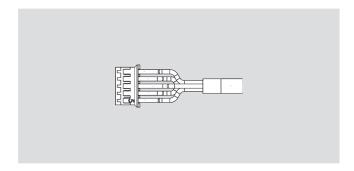
### Comfort

Locking device Portable radio remote control Art. No. 36.848



### Comfort

Locking device Wall switch incl. radio remote control Art. No. 36.849



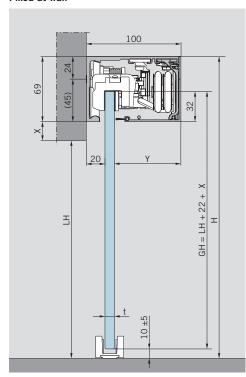
### Comfort

Locking device Single cable set for indicator and low battery warning Art. No. 36.855

### TYPICAL ASSEMBLIES FIXED AT WALL

 $B = 2 \times A$ 30 30 LW A = LW + 60

### Fixed at wall



### Features and data

For installation with one or two door panels fixed at wall; for 8-13.5 mm glass thickness

### Max. weight of door panels

120 kg

### Calculation of glass height

GH = LH + 22 + X(see drawing) max. 3000 mm

### Calculation of glass width

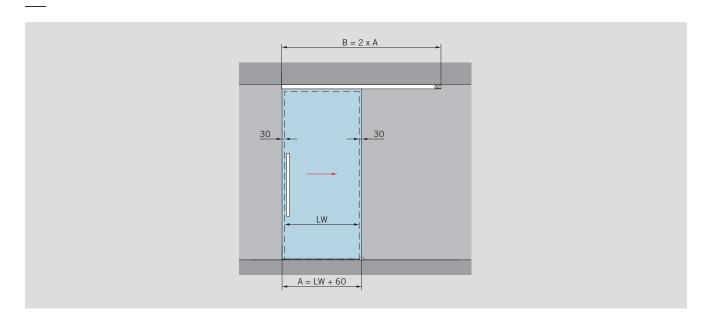
A = LW + 60 mm

min. 850 mm max. 1500 mm max. 2 x 1470 mm

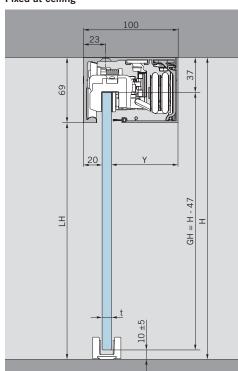
= Glass width = Length of track GH = Glass height H = Total height

LH = Clear opening heigth LW = Clear opening width = Glass thickness = 100 - 20 - t

### TYPICAL ASSEMBLIES FIXED AT CEILING



### Fixed at ceiling



### Features and data

For installation with one or two door panels fixed at ceiling; for 8-13.5 mm glass thickness

### Max. weight of door panels

120 kg

### Calculation of glass height

GH = H - 47 (see drawing) max. 3000 mm

### Calculation of glass width

A = LW + 60 mm

min. 850 mm max. 1500 mm max. 2 x 1470 mm

= Glass width = Length of track GH = Glass height H = Total height

LH = Clear opening heigth LW = Clear opening width = Glass thickness Y = 100 - 20 - t

# TYPICAL ASSEMBLIES WITH SIDELIGHT, ON ONE SIDE

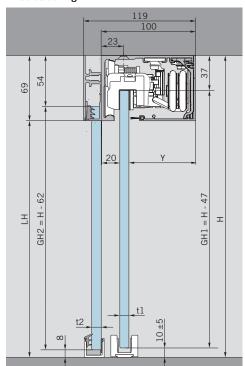
B (incl. endcaps 2 x 2 mm)

S = B - LW

LW

A = LW + 30

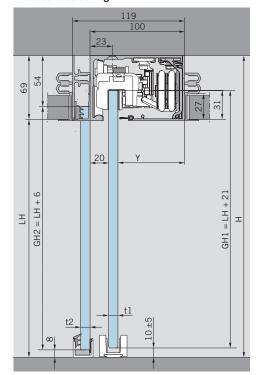
### Fixed at ceiling



### Calculation of glass height

GH1 = H - 47 GH2 = H - 62 max. 3000 mm

### Fixed at false ceiling



### Calculation of glass height

GH1 = LH + 21 GH2 = LH + 6max. 3000 mm

#### Features and data

For installation with one door panel with sidelight on one side; for  $8-13.5\,$  mm glass thickness

Max. weight of door panels 120 kg

### Calculation of glass width

A = LW + 30 mm

min. 850 mm max. 1500 mm

A = Glass width
B = Length of track

GH1 = Glass height sliding door GH2 = Glass height sidelight

H = Total height

LH = Clear opening heigth

LW = Clear opening width

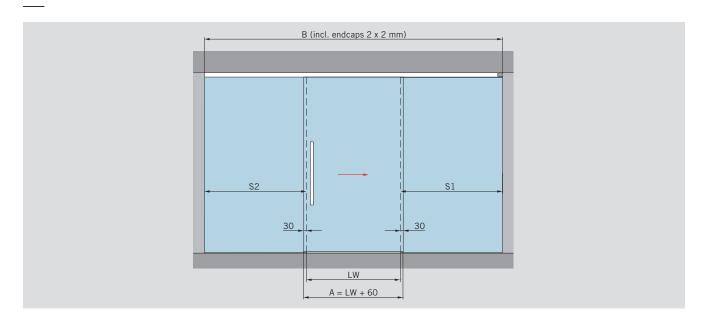
S = Glass width sidelight

t1 = Glass thickness sliding door

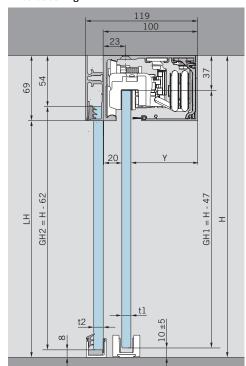
t2 = Glass thickness sidelight

Y = 100 - 20 - t1

# TYPICAL ASSEMBLIES WITH SIDELIGHT, ON BOTH SIDES



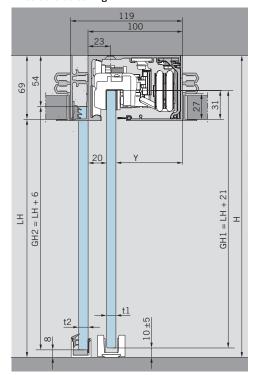
### Fixed at ceiling



### Calculation of glass height

GH1 = H - 47 GH2 = H - 62 max. 3000 mm

### Fixed at false ceiling



### Calculation of glass height

GH1 = LH + 21 GH2 = LH + 6max. 3000 mm

#### Features and data

For installation with one door panel with sidelight on one side; for  $8-13.5\,$  mm glass thickness

Max. weight of door panels 120 kg

### Calculation of glass width

A = LW + 30 mm

min. 850 mm max. 1500 mm

A = Glass width
B = Length of track

GH1 = Glass height sliding door GH2 = Glass height sidelight

H = Total height

LH = Clear opening heigth

LW = Clear opening width

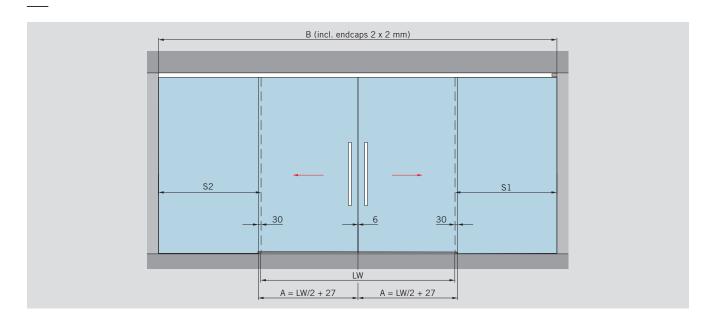
S = Glass width sidelight

t1 = Glass thickness sliding door

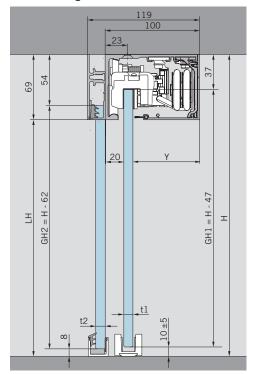
t2 = Glass thickness sidelight

Y = 100 - 20 - t1

# TYPICAL ASSEMBLIES WITH TWO DOOR PANELS WITH SIDELIGHTS



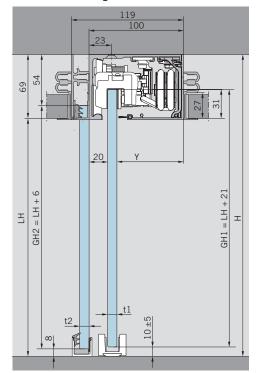
### Fixed at ceiling



### Calculation of glass height

GH1 = H - 47GH2 = H - 62max. 3000 mm

### Fixed at false ceiling



### Calculation of glass height

GH1 = LH + 21GH2 = LH + 6max. 3000 mm

#### Features and data

For installation with two door panels with sidelights; for 8-13.5 mm glass thickness

Max. weight of door panels 120 kg

### Calculation of glass width

A = LW / 2 + 27 mmmin. 2 x 850 mm max. 2 x 1470 mm

= Glass width = Length of track GH1 = Glass height sliding door GH2 = Glass height sidelight

= Total height

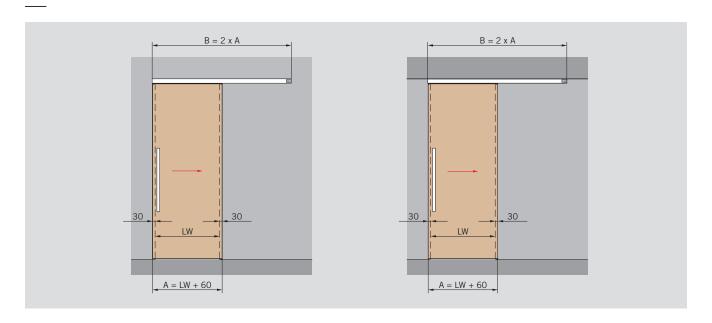
LH = Clear opening heigth

LW = Clear opening width = Glass width sidelight

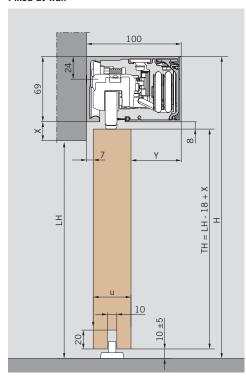
t1 = Glass thickness sliding door = Glass thickness sidelight t2

= 100 - 20 - t1

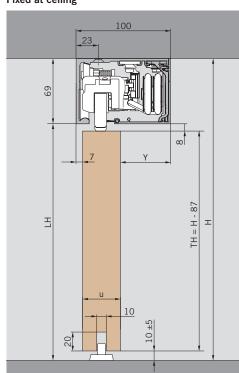
# TYPICAL ASSEMBLIES FOR TIMBER DOOR



#### Fixed at wall



### Fixed at ceiling



#### Features and data

For installation with timber doors; fixed at wall or ceiling, for 28 – 50 mm timber elements

# Max. weight of door panels

120 kg

### Calculation of door height

TH = LH - 18 + XTH = H - 87max. 3000 mm

# Calculation of door width

A = LW + 60

min. 850 mm max. 1500 mm max. 2 x 1470 mm

= Door width

= Length of track

= Total height

LH = Clear opening heigth

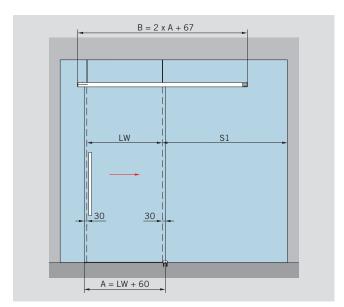
LW = Clear opening width

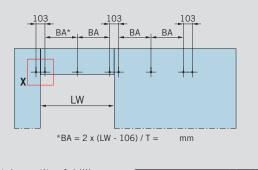
TH = Door height

= Timber thickness

= 100 - 7 - u

# TYPICAL ASSEMBLIES FIXED AT GLASS



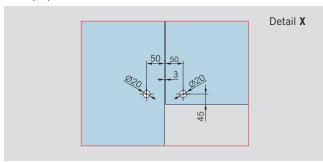


The total quantity of drillings (AB) depends on clear opening width (LW) and determines the final drilling distance (BA).

Calculation sample:  $BA = 2 \times (700 - 106) / 4 = 297,0 \text{ mm}$ 

	ı	AB
600 ≤ LW ≤ 800	4	8
$800 < LW \le 1000$	6	10
1000 < LW ≤ 1200	8	12
1200 < LW ≤ 1500	10	14
1500 < LW ≤ 2000	12	16
2000 < LW ≤ 2500	14	18

### Glass preparation



#### Features and data

For installation with one panel fixed at glass;

for 8 - 13.5 mm glass thickness

# Max. weight of door panels 120 kg

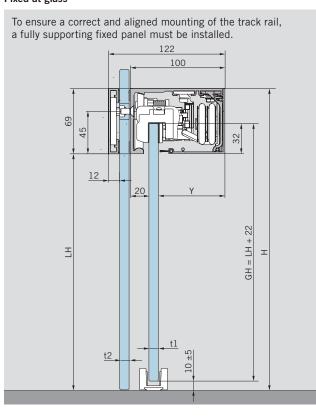
### Calculation of glass height

GH = LH + 22 max. 3000 mm

#### Calculation of glass width

A = LW + 60 min. 850 mm max. 1500 mm

#### Fixed at glass



	XL Self-Closing	
min. door width	850 mm	
min. clear opening width	790 mm	
max. door width	1500 mm	
max. clear opening width	1440 mm	

A = Glass widthAB = Quantity of drillingsB = Length of trackBA = Drilling distance

H = Total heightLH = Clear opening height

LW = Clear opening width

GH = Door height

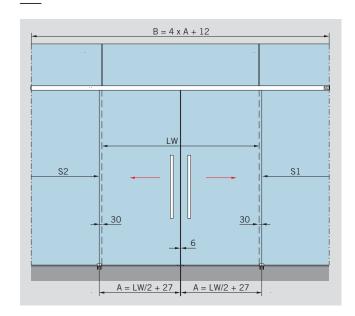
= Quantity of drilling distance signed with BA

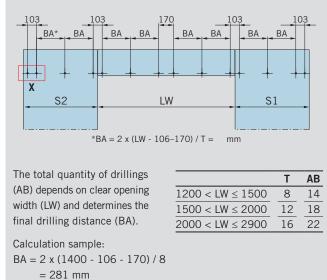
t1 = Glass thickness sliding door t2 = Glass thickness

fixed panel (10 – 19 mm)

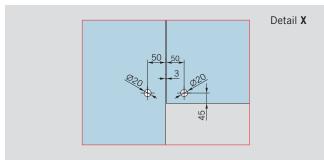
Y = 100 - 20 - t1

# TYPICAL ASSEMBLIES WITH TWO DOOR PANELS FIXED AT GLASS





### Glass preparation



#### Features and data

For installation with two panel fixed at glass;

for 8-13.5 mm glass thickness

# Max. weight of door panels 120 kg

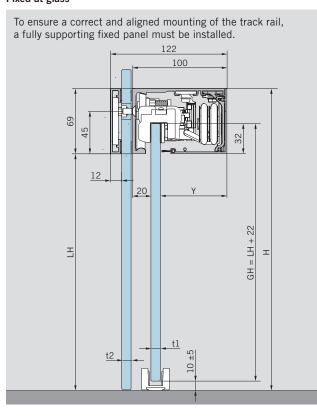
### Calculation of glass height

GH = LH + 22 max. 3000 mm

#### Calculation of glass width

A = LW / 2 + 27 min. 850 mm max. 2 x 1470 mm

#### Fixed at glass



	XL Self-Closing
min. door width	
without DORMOTION	_
min. clear opening width without DORMOTION	-
nin. door width vith DORMOTION	850 mm
nin. clear opening width with DORMOTION	1646 mm
max. door width	1470 mm
max. clear opening width	2886 mm

A = Glass width

AB = Quantity of drillings

 $\mathsf{B} \quad = \ \mathsf{Length} \ \mathsf{of} \ \mathsf{track}$ 

BA = Drilling distance

H = Total height

LH = Clear opening height

LW = Clear opening width

GH = Door height

Γ = Quantity of drilling

t1 = Glass thickness sliding door

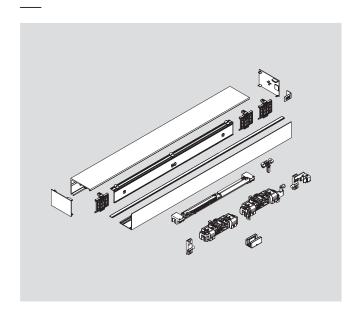
t2 = Glass thickness

fixed panel (10 - 19 mm)

distance signed with BA

Y = 100 - 20 - t1

# SLIDING DOOR SETS, FOR SELECTED CLEAR OPENING WIDTH



# Comfort XL Self-Closing

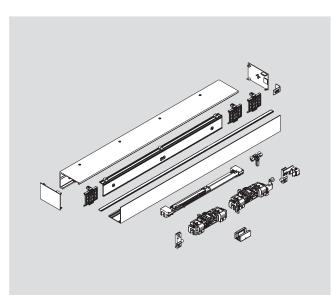
Set for wall installation with Self-Closing unit,

incl. DORMOTION, max. 120 kg

Incl. track profile, cover profile and brushes

Complete accessories for 8-13.5 mm glass thickness

	Panel	Profile	Art. No.
	width	length	
Right	950	1880	36.600
Left	950	1880	36.601
Right	1250	2480	36.610
Left	1250	2480	36.611
Right	1450	2880	36.602
Left	1450	2880	36.603



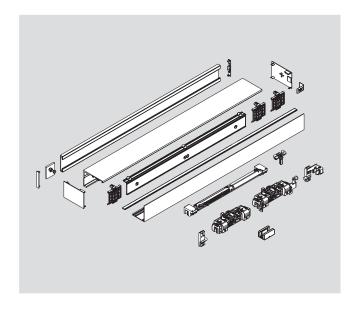
#### Comfort XL Self-Closing

Set for ceiling installation with Self-Closing unit, incl. DORMOTION, max. 120 kg

Incl. track profile, cover profile and brushes

Complete accessories for 8-13.5 mm glass thickness

	Panel		Art. No.
	width	length	
Right	950	1880	36.604
Left	950	1880	36.605
Right	1250	2480	36.612
Left	1250	2480	36.613
Right	1450	2880	36.606
Left	1450	2880	36.607



#### Comfort XL Self-Closing

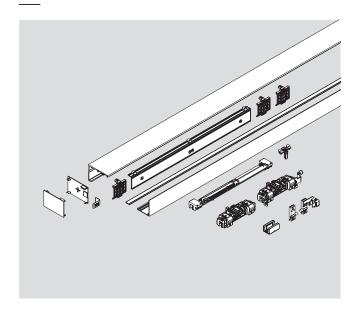
Set for glass installation with Self-Closing unit, incl. DORMOTION, max. 120 kg

Incl. track profile, cover profile, counter profile and brushes

Complete accessories for  $8-13.5\ \text{mm}$ glass thickness

	Clear opening width			ArtNo
Right	850	910	1887	36.614
Left	850	910	1887	36.615
Right	1050	1110	2287	36.616
Left	1050	1110	2287	36.617
Right	1250	1310	2687	36.608
Left	1250	1310	2687	36.609

# SLIDING DOOR SETS, FOR INDIVIDUAL CLEAR OPENING WIDTH



#### Comfort XL Self-Closing

Set for wall installation with Self-Closing unit, incl. DORMOTION, max. 120 kg

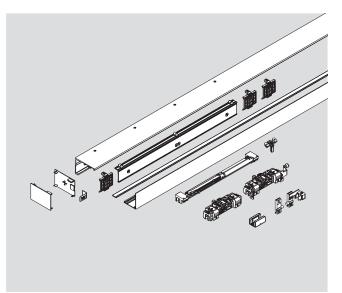
Min. panel width 850 mm, Profile length xxxx mm\* (max. 3000 mm)

Max. panel width 1500 mm

Incl. track profile, cover profile and brushes

Complete accessories for 8 – 13.5 mm glass thickness

Right Left Art. No. 36.620 Art. No. 36.621



#### Comfort XL Self-Closing

Set for ceiling installation with Self-Closing unit, incl. DORMOTION, max. 120 kg

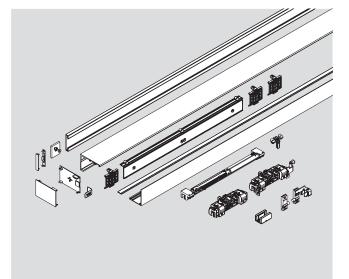
Min. panel width 850 mm, Profile length xxxx mm\* (max. 3000 mm) Max. panel width 1500 mm

Incl. track profile, cover profile and brushes

 $\begin{array}{l} \text{Complete accessories for} \\ 8-13.5 \text{ mm glass thickness} \end{array}$ 

Right Left

Art. No. 36.622 Art. No. 36.623



#### Comfort XL Self-Closing

Set for glass installation with Self-Closing unit, incl. DORMOTION, max. 120 kg

Min. panel width 850 mm, Profile length xxxx mm\* (max. 3067 mm)

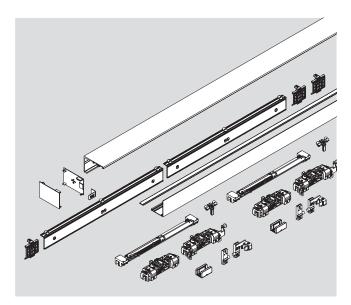
Max. panel width 1500 mm

Incl. track profile, cover profile and brushes

Complete accessories for 8 – 13.5 mm glass thickness

Right Art. No. 36.624
Left Art. No. 36.625

<sup>\*</sup> to be defined by customer



#### Comfort XL Self-Closing

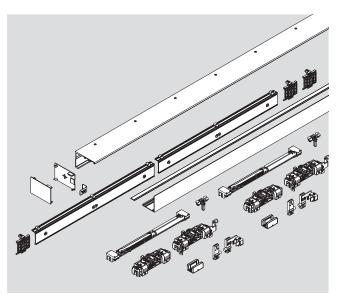
Set for 2-panel door, wall installation, fixed length incl. DORMOTION, max. 120 kg

Min. panel width 850 mm, Profile length xxxx mm\* (max. 5880 mm) Max. panel width 1470 mm

Incl. track profile, cover profile and brushes

Complete accessories for 8 – 13.5 mm glass thickness

Art. No. 36.626



#### Comfort XL Self-Closing

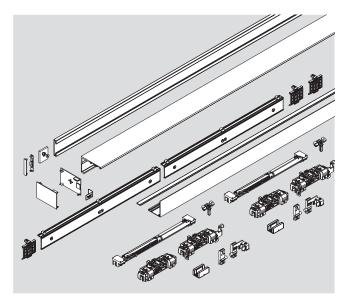
Set for 2-panel door, ceiling installation, fixed length, incl. DORMOTION, max. 120 kg

Min. panel width 850 mm, Profile length xxxx mm\* (max. 5880 mm) Max. panel width 1470 mm

Incl. track profile, cover profile and brushes

 $\begin{tabular}{ll} Complete accessories for \\ 8-13.5 \mbox{ mm glass thickness} \end{tabular}$ 

Art. No. 36.627



#### Comfort XL Self-Closing

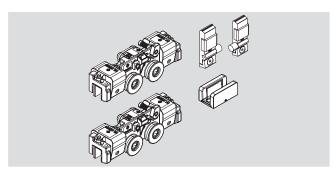
Set for 2-panel door, fixed at glass, fixed length, incl. DORMOTION, max. 120 kg

Min. panel width 850 mm (min. LW 1646 mm), Max. panel width 1470 mm (max. LW 2886 mm)

Profile length xxxx mm\* (max. 5892 mm) Incl. track profile, cover profile, counter profile and brushes

Complete accessories for 8 – 13.5 mm glass thickness

# **COMPONENT PARTS**

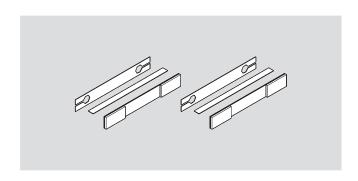


### Comfort XL DORMOTION 80 / 150 / Synchro

Accessory set for DORMOTION variants

Consisting of: 2 clamp carriers, 2 endstops and 1 floor guide

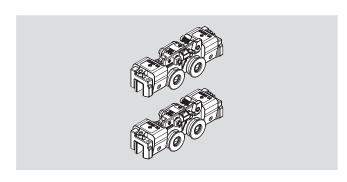
Art. No. 36.550



# Comfort XL DORMOTION 80 / 150 / Synchro

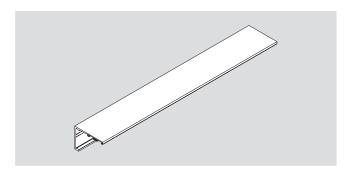
Gasket set

Art. No. 36.451



### Comfort XL DORMOTION 80 / 150 / Synchro

Pair roller module for DORMOTION variants Art. No. 36.551



### Comfort XL Self-Closing

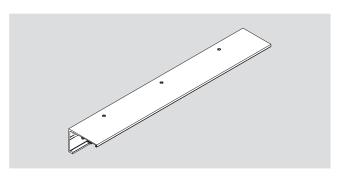
Track rail for Self-Closing function for wall installation

stock length 6000 mm

Art. No. 36.850

fixed length xxxx mm\*

Art. No. 36.651



# Comfort XL Self-Closing

Track rail for Self-Closing function for ceiling installation

stock length 6000 mm

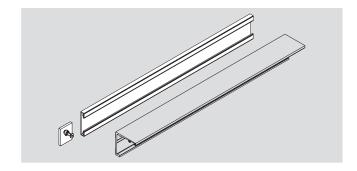
Art. No. 36.852

fixed length xxxx mm\*

Art. No. 36.653

45

<sup>\*</sup> to be defined by customer



Comfort XL

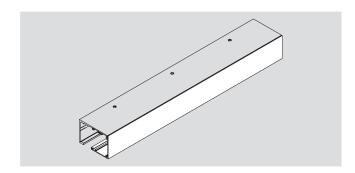
Counter profile for installation at glass

stock length 6000 mm

Art. No. 36.xxx (on request)

fixed length xxxx mm\*

Art. No. 36.xxx (on request)



### Comfort XL Self-Closing

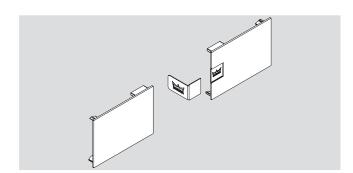
Cover profile for Self-Closing function front cover

stock length 6000 mm

Art. No. 36.854

fixed length xxxx mm\*

Art. No. 36.655

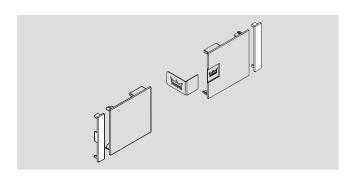


#### Comfort XL Self-Closing

Set endcaps

for wall and ceiling installation

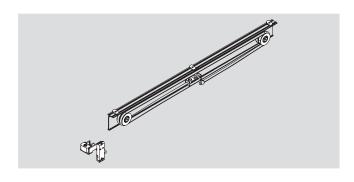
Art. No. 36.656



# Comfort XL (DORMOTION 80 / 150 / Synchro)

Set endcaps for installation at glass

Art. No. 36.460



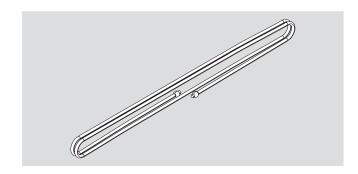
### Comfort XL Self-Closing

Flexi-cable unit for Self-Closing function With complete accessories

Opening to right side

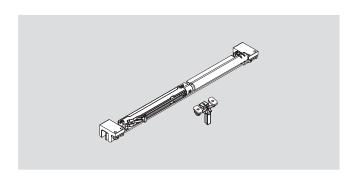
Art. No. 36.657

Opening to left side



Comfort XL Self-Closing Flexi-cable for Self-Closing function

Art. No. 36.659



# Comfort XL Self-Closing

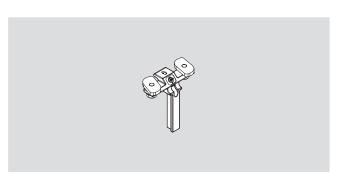
DORMOTION unit for Self-Closing function for max. 120 kg, with complete accessories

Opening to right side

Art. No. 36.660

Opening to left side

Art. No. 36.661

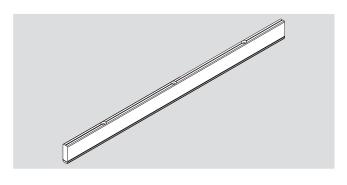


#### Comfort

Starter set

for Self-Closing DORMOTION

Art. No. 36.662



# Comfort XL (DORMOTION 80 / 150 / Synchro)

Timber adapter set Profile 12.5 x 36 mm + 12.5 x 4 mm, incl. accessories

1460 mm

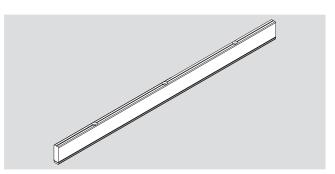
...

fixed length xxxx mm\*,

max. 2500 mm

Art. No. 36.461

Art. No. 36.464

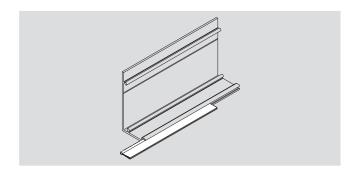


# Comfort XL (DORMOTION 80 / 150 / Synchro)

Timber adapter profile Profile 12.5 x 36 mm + 12.5 x 4 mm

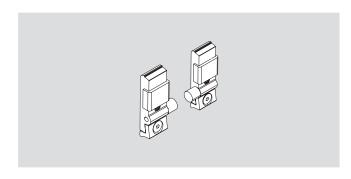
stock length 6000 mm

\* to be defined by customer



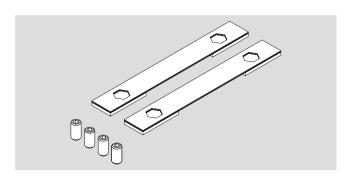
 $\begin{array}{l} \textbf{MUTO Comfort} \\ \textbf{Brush profile} \\ \textbf{for 8-10 mm} \\ \textbf{and } 12-13.5 \text{ mm glass} \end{array}$ 

Art. No. 36.265



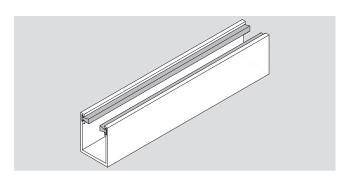
Comfort XL (DORMOTION 80 / 150 / Synchro) Endstop set 2 pieces

Art. No. 36.465



# Comfort XL (DORMOTION 80 / 150 / Synchro)

LSG set Accessory set for use with LSG for one pair of clamp carrier Art. No. 36.468

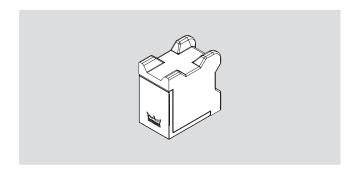


### **MUTO Comfort**

Subsurface floor guide track rail with brushes

stock length 6000 mm Art. No. 36.561

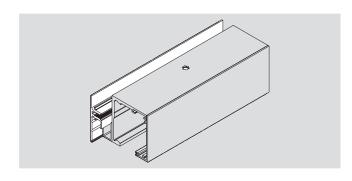
fixed length xxxx mm\* Art. No. 36.562



# Floorstop Individually applicable for all options

options (glass or timber elements)

Art. No. 36.851



# Comfort XL (DORMOTION 80 / 150 / Synchro)

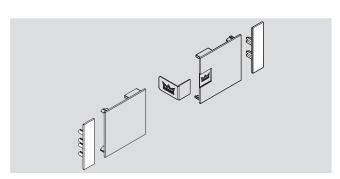
Side panel profile for glass connection on top, 69 mm height, complete with all gaskets, Profile for 8-13.5 mm glass

stock length 6000 mm

Art. No. 36.469

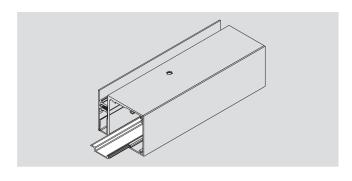
fixed length xxxx mm\*

Art. No. 36.474



# Comfort XL (DORMOTION 80 / 150 / Synchro)

Set endcaps for side panel profile, 69 mm height Art. No. 36.471



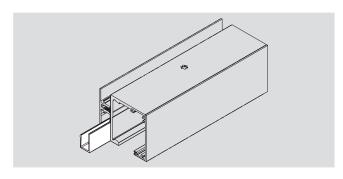
#### Comfort

View protection profile for side panel profile, 58 mm + 69 mm height

stock length 6000 mm

Art. No. 36.800

fixed length xxxx mm\* Art. No. 36.801



# Comfort

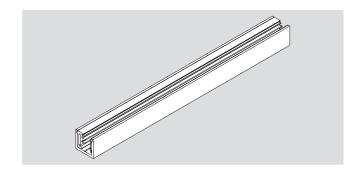
Filling profile for side panel profile, 58 mm + 69 mm height

stock length 6000 mm

Art. No. 36.802

fixed length xxxx mm\*

<sup>\*</sup> to be defined by customer



### **MUTO Comfort**

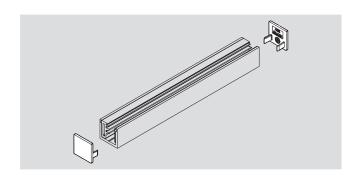
Floor profile for side panel fixing, complete with all gaskets, Profile for  $8-13.5\ mm$  glass

stock length 6000 mm

Art. No. 36.810

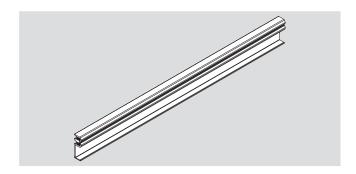
fixed length xxxx mm\*

Art. No. 36.811



#### **MUTO Comfort**

Set endcaps for floor profile - side panel fixing Art. No. 36.812



#### **MUTO Comfort**

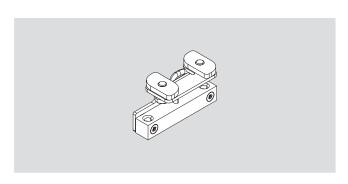
Connecting profile for false ceilings, incl. accessory set, applicable for MUTO Comfort Systems: 80, 150, Telescopic, Synchro

stock length 6000 mm

Art. No. 36.821

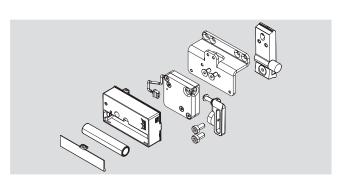
fixed length xxxx mm\*

Art. No. 36.820



### **MUTO Comfort**

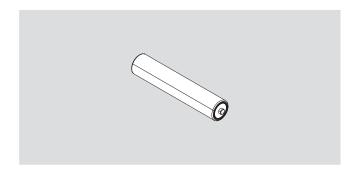
Status-Indicator set With complete accessory (Sensor, cable etc.) Art. No. 36.840



#### **MUTO Comfort**

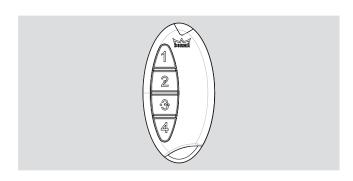
Set locking device complete With complete accessory: Locking-mechanic, electronic, installation-base etc.

(only in combination with DORMOTION)



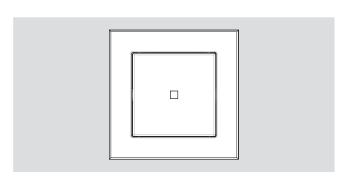
**Comfort**Battery
for locking device

Art. No. 36.845



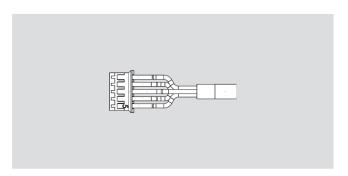
Comfort Locking device Portable radio remote control

Art. No. 36.848



Comfort
Locking device
Wall switch incl. radio remote
control

Art. No. 36.849



Comfort
Locking device
Single cable set for indicator
and low battery warning

# COMFORT XL TELESCOPIC

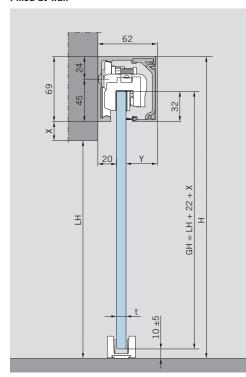
\_\_\_

Availability given from April 2016
Technical details available on request - will be integrated soon.

# TYPICAL ASSEMBLIES FIXED AT WALL

 $B = 2 \times A$ 30 30 LW A = LW + 60

#### Fixed at wall



#### Features and data

For installation with one or two door panels fixed at wall; for 8-13.5 mm glass thickness

# Max. weight of door panels

150 kg

### Calculation of glass height

GH = LH + 22 + X(see drawing) max. 3000 mm

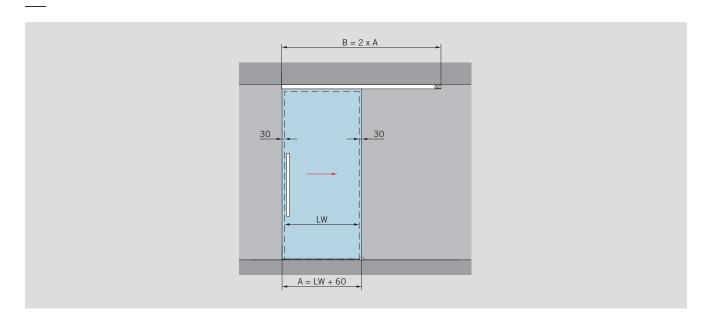
## Calculation of glass width

A = LW + 60 mmmin. 660 mm max. 2500 mm max. 2 x 1470 mm

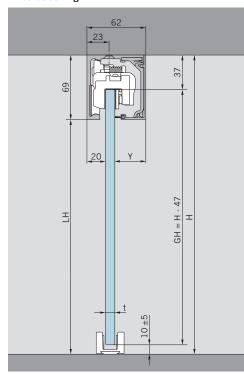
= Glass width B = Length of track GH = Glass height H = Total height

LH = Clear opening heigth LW = Clear opening width = Glass thickness = 62 - 20 - t

# TYPICAL ASSEMBLIES FIXED AT CEILING



### Fixed at ceiling



#### Features and data

For installation with one or two door panels fixed at ceiling or fixed at false ceiling; for  $8-13.5\ mm$  glass thickness

# Max. weight of door panels

 $150 \ \mathrm{kg}$ 

### Calculation of glass height

GH = H - 47 mm (see drawing) max. 3000 mm

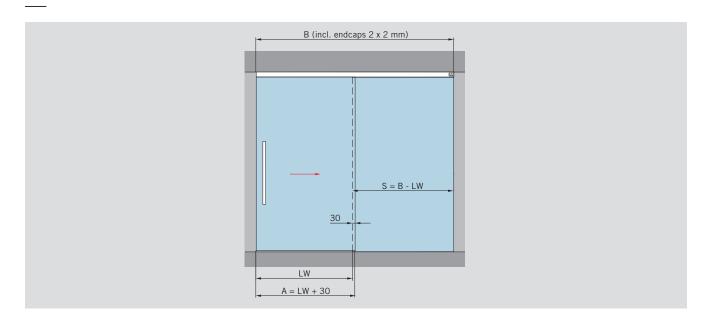
## Calculation of glass width

A = LW + 60 mm min. 660 mm max. 2500 mm max. 2 x 1470 mm

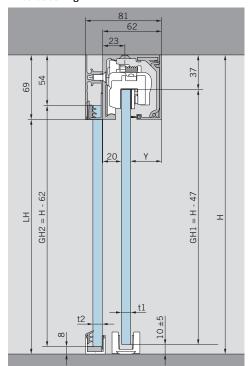
A = Glass width
 B = Length of track
 GH = Glass height
 H = Total height
 LH = Clear opening heigth

LH = Clear opening height
LW = Clear opening width
t = Glass thickness
Y = 62 - 20 - t

# TYPICAL ASSEMBLIES WITH SIDELIGHT, ON ONE SIDE



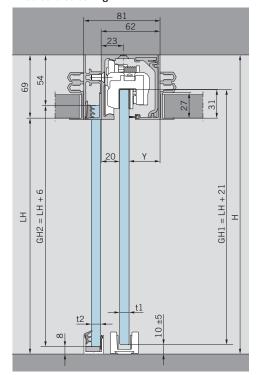
### Fixed at ceiling



## Calculation of glass height

GH1 = H - 47 GH2 = H - 62max. 3000 mm

### Fixed at false ceiling



### Calculation of glass height

GH1 = LH + 21GH2 = LH + 6max. 3000 mm

#### Features and data

For installation with one door panel with sidelight on one side; for 8 - 13.5 mm glass thickness

Max. weight of door panels 150 kg

### Calculation of glass width

A = LW + 60 mmmin. 660 mm max. 2500 mm

= Glass width = Length of track GH1 = Glass height sliding door

GH2 = Glass height sidelight

= Total height

LH = Clear opening heigth

LW = Clear opening width

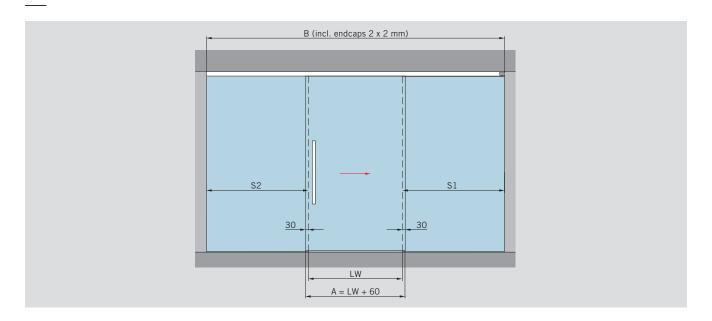
= Glass width sidelight

t1 = Glass thickness sliding door

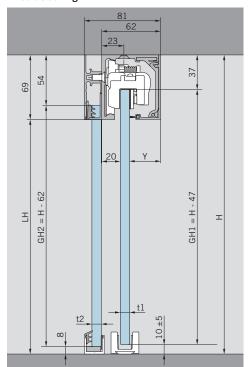
= Glass thickness sidelight t2

= 62 - 20 - t1

# TYPICAL ASSEMBLIES WITH SIDELIGHT, ON BOTH SIDES



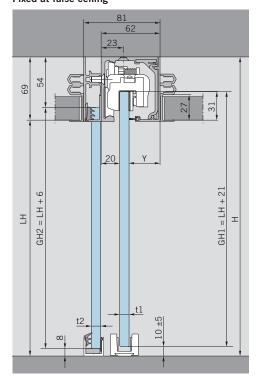
### Fixed at ceiling



### Calculation of glass height

GH1 = H - 47 GH2 = H - 62 max. 3000 mm

### Fixed at false ceiling



### Calculation of glass height

GH1 = LH + 21 GH2 = LH + 6max. 3000 mm

#### Features and data

For installation with one door panel with sidelight on both sides; for  $8-13.5\,$  mm glass thickness

Max. weight of door panels 150 kg

### Calculation of glass width

A = LW + 60 mm min. 660 mm max. 2500 mm

A = Glass width
B1 = Length of track

GH1 = Glass height sliding door GH2 = Glass height sidelight

H = Total height

LH = Clear opening heigth

LW = Clear opening width

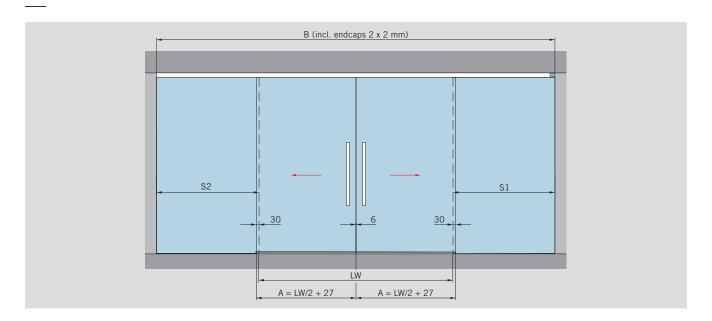
S = Glass width sidelight

t1 = Glass thickness sliding door

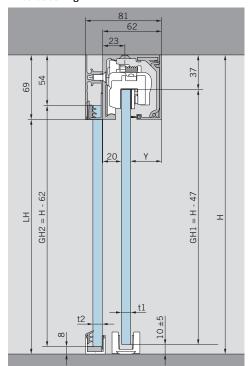
t2 = Glass thickness sidelight

Y = 62 - 20 - t1

# TYPICAL ASSEMBLIES WITH TWO DOOR PANELS WITH SIDELIGHT



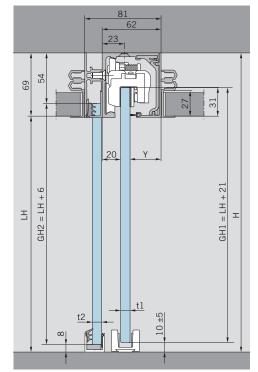
### Fixed at ceiling



### Calculation of glass height

GH1 = H - 47 GH2 = H - 62 max. 3000 mm

### Fixed at false ceiling



### Calculation of glass height

GH1 = LH + 21 GH2 = LH + 6max. 3000 mm

#### Features and data

For installation with two door panels with sidelights; for 8 – 13.5 mm glass thickness

Max. weight of door panels 150 kg

### Calculation of glass width

A = LW + 60 mm min: 2 x 660 mm max. 2 x 1470 mm

A = Glass widthB = Length of trackGH1 = Glass height sliding door

GH2 = Glass height sidelight

H = Total height

LH = Clear opening heigth

 $\mathsf{LW} \ = \ \mathsf{Clear} \ \mathsf{opening} \ \mathsf{width}$ 

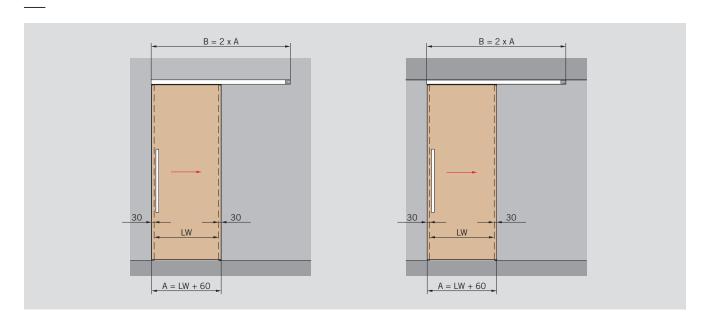
S = Glass width sidelightt1 = Glass thickness slidir

1 = Glass thickness sliding door

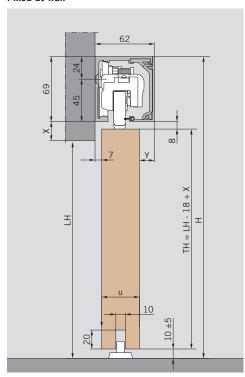
t2 = Glass thickness sidelight

Y = 62 - 20 - t1

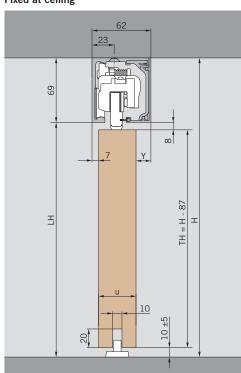
# TYPICAL ASSEMBLIES FOR TIMBER DOOR



#### Fixed at wall



### Fixed at ceiling



#### Features and data

For installation with timber doors; fixed at wall or ceiling, for 28 – 50 mm timber elements

# $\begin{tabular}{ll} \begin{tabular}{ll} \be$

### Calculation of door height

TH = LH - 18 + X TH = H - 87 max. 3000 mm

### Calculation of glass width

A = LW + 60 mm min. 660 mm max. 2500 mm max. 2 x 1470 mm

A = Door width

B = Length of track

H = Total height

LH = Clear opening height

LW = Clear opening width

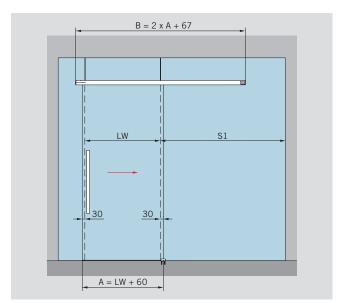
TH = Door height

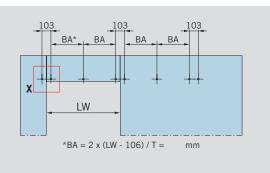
u = Timber thickness

Y = 62 - 7 - u

# TYPICAL ASSEMBLIES FIXED AT GLASS

\_\_\_



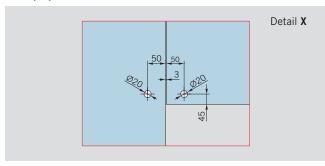


The total quantity of drillings (AB) depends on clear opening width (LW) and determines the final drilling distance (BA).

Calculation sample: BA =  $2 \times (700 - 106) / 4 = 297.0 \text{ mm}$ 

Т	AB
4	8
6	10
8	12
10	14
12	16
14	18
	6 8 10 12

### Glass preparation



#### Features and data

For installation with one panel fixed at glass;

for 8 - 13.5 mm glass thickness

# Max. weight of door panels 150 kg

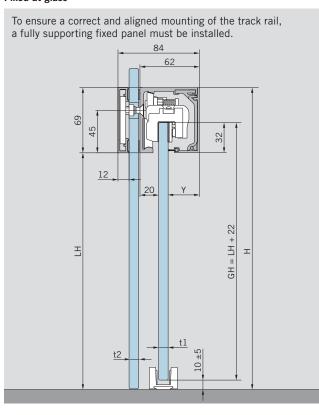
### Calculation of glass height

GH = LH + 22 max. 3000 mm

#### Calculation of glass width

A = LW + 60 mm min. 660 mm max. 2500 mm

#### Fixed at glass



L 150
60 mm
600 mm
00 mm
40 mm
1

A = Glass width

AB = Quantity of drillings

 $\mathsf{B} \quad = \, \mathsf{Length} \,\, \mathsf{of} \,\, \mathsf{track}$ 

BA = Drilling distance

H = Total height

LH = Clear opening height

LW = Clear opening width

GH = Door height

= Quantity of drilling distance signed with BA

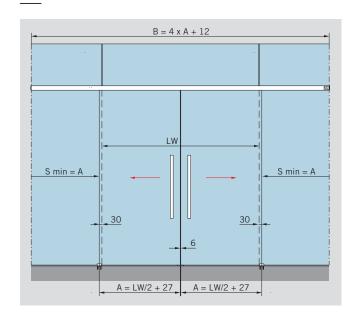
t1 = Glass thickness sliding door

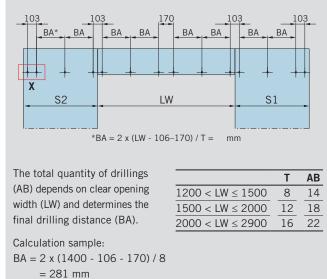
t2 = Glass thickness

fixed panel (10 - 19 mm)

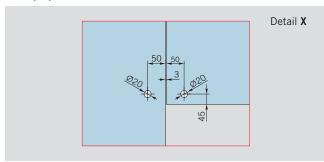
Y = 62 - 20 - t1

# TYPICAL ASSEMBLIES WITH TWO DOOR PANELS FIXED AT GLASS





### Glass preparation



#### Features and data

For installation with two panel fixed at glass;

for 8 - 13.5 mm glass thickness

### 

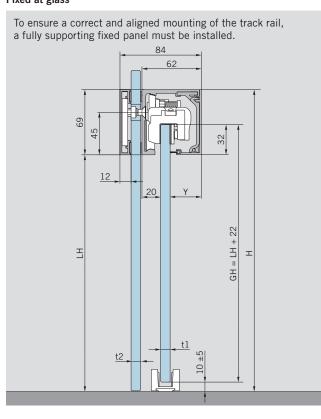
### Calculation of glass height

GH = LH + 22 max. 3000 mm

#### Calculation of glass width

A = LW + 60 mm min. 2 x 660 mm max. 2 x 1470 mm

#### Fixed at glass



	XL 150
min. door width	660 mm
without DORMOTION	660 111111
min. clear opening width	1266 mm
without DORMOTION	1200 111111
min. door width	
with DORMOTION	_
min. clear opening width	
with DORMOTION	_
max. door width	1470 mm
max. clear opening width	2886 mm

A = Glass width

AB = Quantity of drillings

 $\mathsf{B} \quad = \ \mathsf{Length} \ \mathsf{of} \ \mathsf{track}$ 

BA = Drilling distance

H = Total height

LH = Clear opening height

LW = Clear opening width

GH = Door height

T = Quantity of drilling

t1 = Glass thickness sliding door

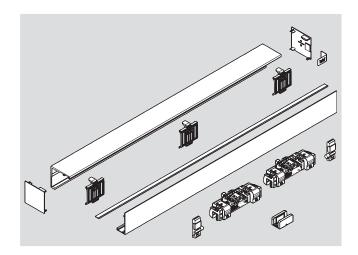
t2 = Glass thickness

fixed panel (10 - 19 mm)

distance signed with BA

Y = 62 - 20 - t1

# SLIDING DOOR SETS, FOR SELECTED CLEAR OPENING WIDTH

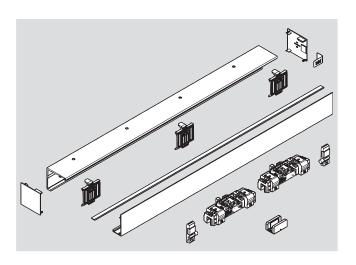


#### Comfort XL 150

Set for wall installation Incl. track profile, cover profile and brushes

 $\begin{array}{l} \text{Complete accessories} \\ \text{for 8} - 13.5 \text{ mm glass} \\ \text{thickness, max. 150 kg} \end{array}$ 

Panel width	Profile length	Art. No.
950	1880	36.400
1450	2880	36.401

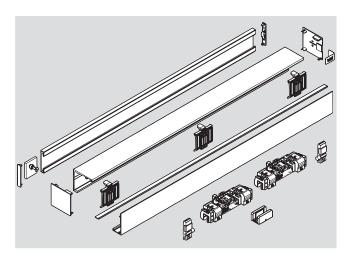


#### Comfort XL 150

Set for ceiling installation Incl. track profile, cover profile and brushes

Complete accessories for 8 – 13.5 mm glass thickness, max. 150 kg

Panel width	Profile length	Art. No.
950	1880	36.402
1450	2880	36.403



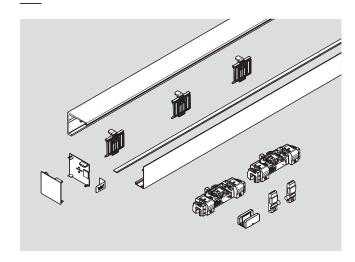
### Comfort XL 150

Set for glass installation Incl. track profile, cover profile, counter profile and brushes

 $\begin{tabular}{ll} Complete accessories for \\ 8-13.5 \mbox{ mm glass thickness,} \\ max. \ 150 \mbox{ kg} \end{tabular}$ 

Clear opening width			Art. No
1050	1110	2287	36.404
1250	1310	2687	36.405
1400	1460	2987	36.406

# SLIDING DOOR SETS, FOR INDIVIDUAL CLEAR OPENING WIDTH



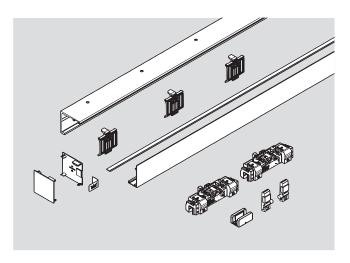
#### Comfort XL 150

Set for wall installation Profile length xxxx mm\* (max. 5000 mm) Incl. track profile, cover profile and brushes

min. panel width 660 mm max. panel width 2500 mm

Complete accessories for 8-13.5 mm glass thickness, max. 150 kg

Art. No. 36.420



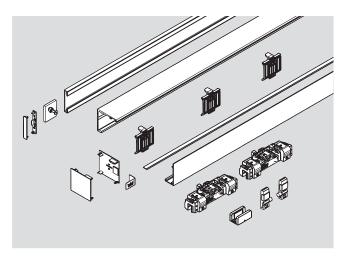
#### Comfort XL 150

Set for ceiling installation Profile length xxxx mm\* (max. 5000 mm) Incl. track profile, cover profile and brushes

min. panel width 660 mm max. panel width 2500 mm

Complete accessories for 8-13.5 mm glass thickness, max. 150 kg

Art. No. 36.421



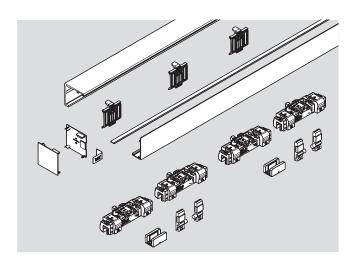
### Comfort XL 150

Set for glass installation Profile length xxxx mm\* (max. 5067 mm)

min. panel width 660 mm (max. LW 600) max. panel width 2500 mm (max. LW 2440)

Incl. track profile, counter profile, cover profile and brushes

Complete accessories for 8 – 13.5 mm glass thickness, max. 150 kg



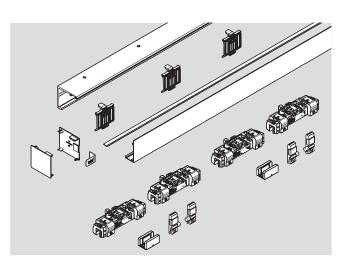
#### Comfort XL 150

Set for 2-panel door, wall installation, fixed length Profile length xxxx mm\* (max. 5880 mm) Incl. track profile, cover profile and brushes

min. panel width 660 mm max. panel width 1470 mm

Complete accessories for 8 – 13.5 mm glass thickness, max. 150 kg

Art. No. 36.423



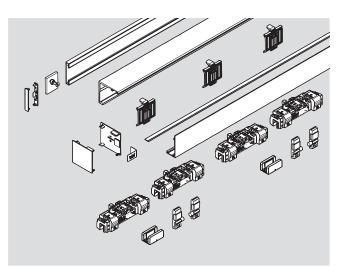
### Comfort XL 150

Set for 2-panel door, ceiling installation, fixed length Profile length xxxx mm\* (max. 5880 mm) Incl. track profile, cover profile and brushes

min. panel width 660 mm max. panel width 1470 mm

Complete accessories for 8-13.5 mm glass thickness, max. 150 kg

Art. No. 36.424



### Comfort XL 150

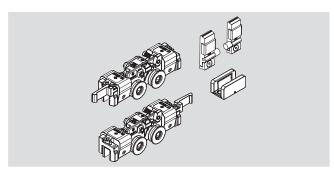
Set for 2-panel door, glass installation, fixed length Profile length xxxx mm\* (max. 5892 mm)

min. panel width 660 mm (min. LW 1266 mm) max. panel width 1470 mm (max. LW 2886)

Incl. track profile, counter profile, cover profile and brushes

Complete accessories for 8 – 13.5 mm glass thickness, max. 150 kg

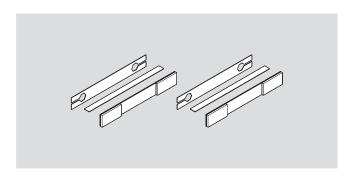
# **COMPONENT PARTS**



Comfort XL 150 Accessory set Consisting of: 2 clamp carriers,

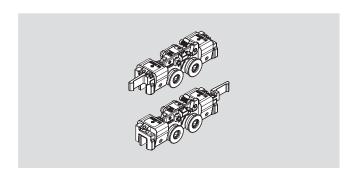
2 endstops and 1 floor guide

Art. No. 36.450



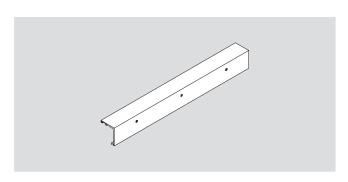
Comfort XL (DORMOTION 80 / 150) Synchro Gasket set

Art. No. 36.451



Comfort XL 150
Pair roller module

Art. No. 36.452

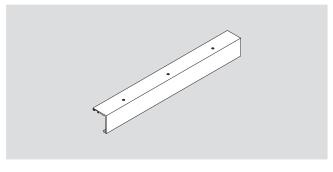


Comfort XL 150

Track rail for wall installation

stock length 6000 mm Art. No. 36.453

fixed length xxxx mm\* Art. No. 36.454



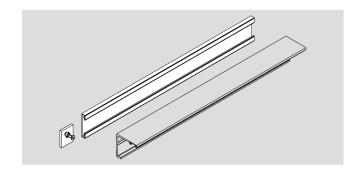
Comfort XL 150

Track rail for ceiling installation

stock length 6000 mm Art. No. 36.455

fixed length xxxx mm\* Art. No. 36.456

<sup>\*</sup> to be defined by customer



Comfort XL

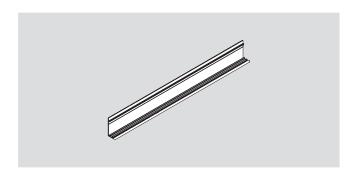
Counter profile for installation at glass

stock length 6000 mm

Art. No. 36.xxx (on request)

fixed length xxxx mm\*

Art. No. 36.xxx (on request)



### Comfort XL 150

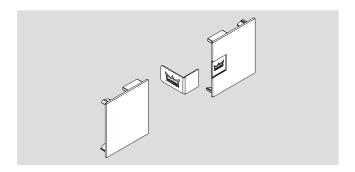
Cover profile front cover

stock length 6000 mm

Art. No. 36.457

fixed length xxxx mm\*

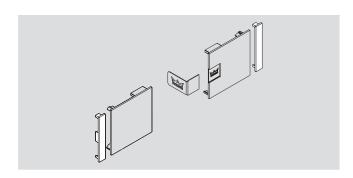
Art. No. 36.458



#### Comfort XL 150

Set endcaps for wall and ceiling installation

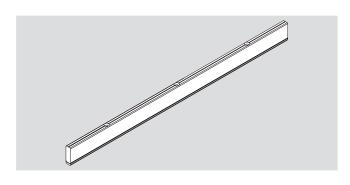
Art. No. 36.459



# Comfort XL (DORMOTION 80 / 150 / Synchro)

Set endcaps for installation at glass

Art. No. 36.460



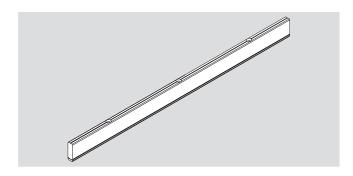
# Comfort XL (DORMOTION 80 / 150 / Synchro)

Timber adapter set Profile 12.5 x 36 mm + 12.5 x 4 mm, incl. accessories

1460 mm

fixed length xxxx mm\*, max. 2500 mm

Art. No. 36.461

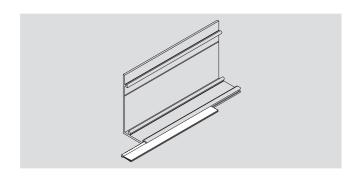


# Comfort XL (DORMOTION 80 / 150 / Synchro)

Timber adapter profile Profile 12.5 x 36 mm + 12.5 x 4 mm

stock length 6000 mm

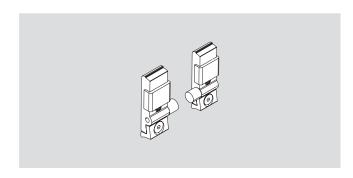
Art. No. 36.463



### Comfort

Brush profile for 8-10 mm and 12-13.5 mm glass

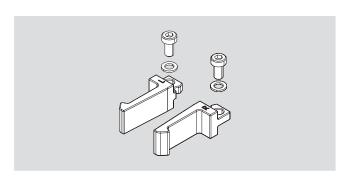
Art. No. 36.265



# Comfort XL (DORMOTION 80 / 150 / Synchro)

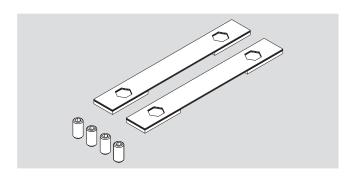
Endstop set 2 pieces

Art. No. 36.465



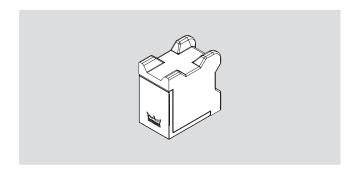
# Comfort XL (DORMOTION 80 / 150 / Synchro)

Hook set 2 pieces Art. No. 36.467



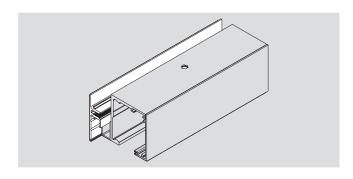
### Comfort XL (DORMOTION 80 / 150 / Synchro)

LSG set Accessory set for use with LSG for one pair of clamp carrier



Floorstop
Individually applicable for all options
(glass or timber elements)

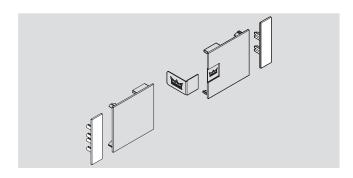
Art. No. 36.851



# Comfort XL (DORMOTION 80 / 150 / Synchro)

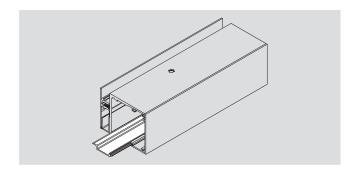
Side panel profile for glass connection on top, 69 mm height, complete with all gaskets, Profile for 8-13.5 mm glass

stock length 6000 mm Art. No. 36.469 fixed length xxxx mm\* Art. No. 36.474



# Comfort XL (DORMOTION 80 / 150 / Synchro)

Set endcaps for side panel profile, 69 mm height Art. No. 36.471

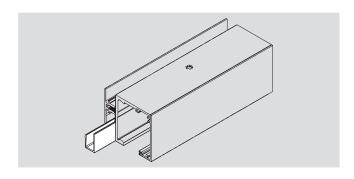


#### Comfort

View procetion profile for side panel profile, 58 mm + 69 mm height

stock length 6000 mm Art. No. 36.800

fixed length xxxx mm\* Art. No. 36.801

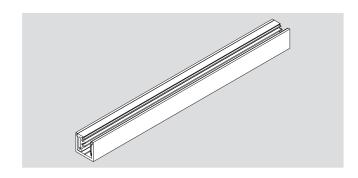


#### **MUTO Comfort**

Filling profile for side panel profile, 58 mm + 69 mm height

stock length 6000 mm Art. No. 36.802

fixed length xxxx mm\* Art. No. 36.803

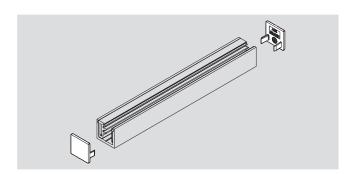


### Comfort

Floor profile for side panel fixing, complete with all gaskets, Profile for  $8-13.5\ \text{mm}$  glass

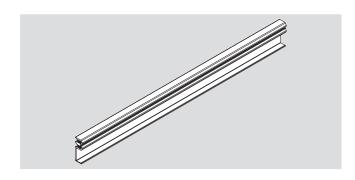
stock length 6000 mm Art. No. 36.810

fixed length xxxx mm\* Art. No. 36.811



#### Comfort

Set endcaps for floor profile - side panel fixing Art. No. 36.812



#### Comfort

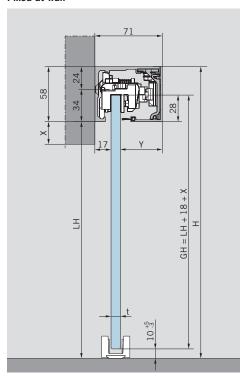
Connecting profile for false ceilings, incl. accessory set, applicable for MUTO Comfort Systems: 80, 150, Telescopic, Synchro

stock length 6000 mm Art. No. 36.821

fixed length xxxx mm\* Art. No. 36.820

# TYPICAL ASSEMBLIES FIXED AT WALL

#### Fixed at wall



#### Features and data

For installation with one or two door panels fixed at wall; for 8 – 13.5 mm glass thickness

# Max. weight of door panels

80 kg

### Calculation of glass height

GH = LH + 18 + X (see drawing) max. 3000 mm

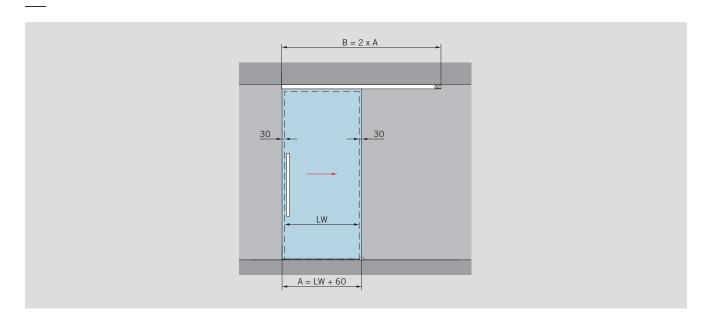
## Calculation of glass width

A = LW + 60 mm min. 990 mm with DORMOTION min. 660 mm without DORMOTION max. 2000 mm max. 2 x 1250 mm

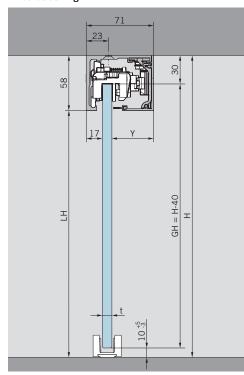
A = Glass width
B = Length of track
GH = Glass height
H = Total height
LH = Clear opening height

LH = Clear opening height
LW = Clear opening width
t = Glass thickness
Y = 71 - 17 - t

# TYPICAL ASSEMBLIES FIXED AT CEILING



### Fixed at ceiling



#### Features and data

For installation with one or two door panels fixed at ceiling or fixed at false ceiling; for  $8-13.5\ mm$  glass thickness

# Max. weight of door panels

80 kg

### Calculation of glass height

GH = H - 40 mm (see drawing) max. 3000 mm

A = LW + 60 mm

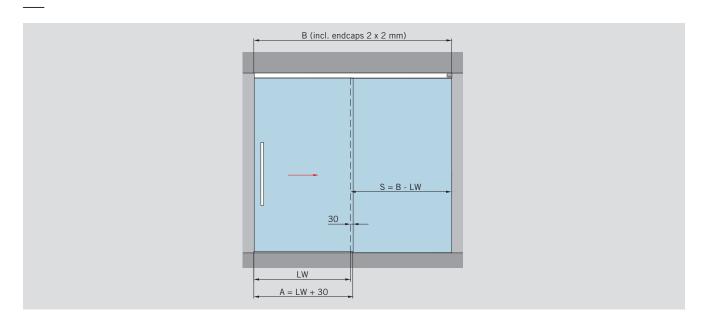
## Calculation of glass width

min. 990 mm with DORMOTION min. 660 mm without DORMOTION max. 2000 mm max. 2 x 1250 mm

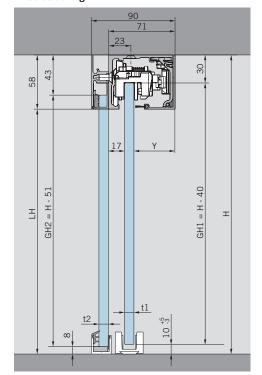
A = Glass width
 B = Length of track
 GH = Glass height
 H = Total height
 LH = Clear opening height

LH = Clear opening height
LW = Clear opening width
t = Glass thickness
Y = 71 - 17 - t

# TYPICAL ASSEMBLIES WITH SIDELIGHT, ON ONE SIDE



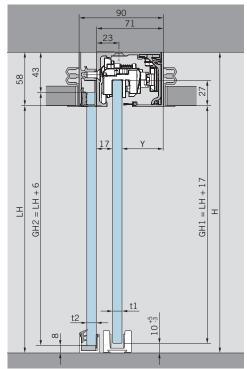
### Fixed at ceiling



### Calculation of glass height

GH1 = H - 40 GH2 = H - 51 max. 3000 mm

### Fixed at false ceiling



### Calculation of glass height

GH1 = LH + 17 GH2 = LH + 6max. 3000 mm

#### Features and data

For installation with one door panel with sidelight on one side; for  $8-13.5\,$  mm glass thickness

 $\begin{tabular}{ll} \textbf{Max. weight of door panels} \\ 80 \ kg \end{tabular}$ 

### Calculation of glass width

A = LW + 30 mm min. 990 mm with DORMOTION min. 660 mm without DORMOTION max. 2000 mm

A = Glass width
B = Length of track

GH1 = Glass height sliding door
GH2 = Glass height sidelight

H = Total height

LH = Clear opening heigth

LW = Clear opening width

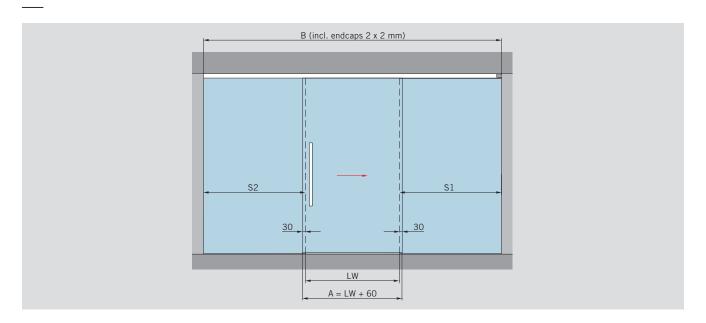
S = Glass width sidelight

t1 = Glass thickness sliding door

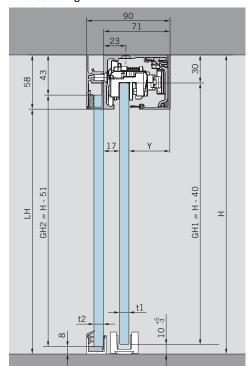
t2 = Glass thickness sidelight

Y = 71 - 17 - t1

## TYPICAL ASSEMBLIES WITH SIDELIGHT, ON BOTH SIDES



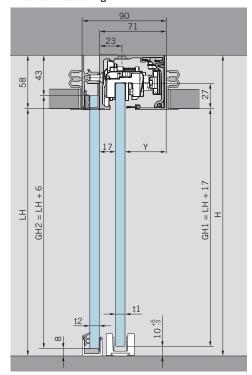
#### Fixed at ceiling



#### Calculation of glass height

GH1 = H - 40 GH2 = H - 51 max. 3000 mm

#### Fixed at false ceiling



#### Calculation of glass height

GH1 = LH + 17 GH2 = LH + 6max. 3000 mm

#### Features and data

For installation with one door panel with sidelight on both sides; for  $8-13.5\,$  mm glass thickness

 $\begin{tabular}{ll} \textbf{Max. weight of door panels} \\ 80 \ kg \end{tabular}$ 

#### Calculation of glass width

A = LW + 60 mm min. 990 mm with DORMOTION min. 660 mm without DORMOTION max. 2000 mm

A = Glass widthB = Length of track

GH1 = Glass height sliding door GH2 = Glass height sidelight

H = Total height

LH = Clear opening heigth

LW = Clear opening width

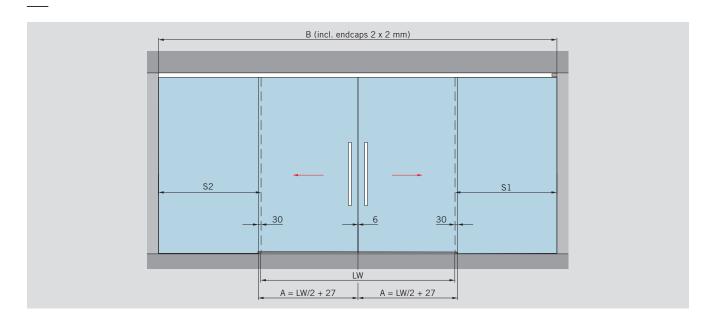
S = Glass width sidelight

t1 = Glass thickness sliding door

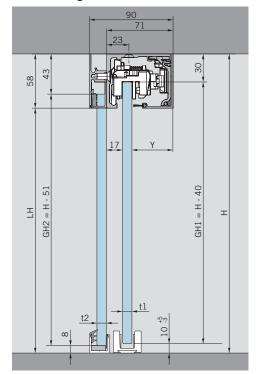
t2 = Glass thickness sidelight

Y = 71 - 17 - t1

### TYPICAL ASSEMBLIES WITH TWO DOOR PANELS WITH SIDELIGHTS



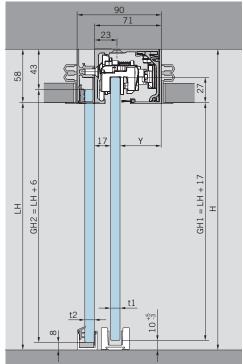
#### Fixed at ceiling



#### Calculation of glass height

GH1 = H - 40 GH2 = H - 51 max. 3000 mm

#### Fixed at false ceiling



#### Calculation of glass height

GH1 = LH + 17 GH2 = LH + 6max. 3000 mm

#### Features and data

For installation with two door panels with sidelights; for 8 – 13.5 mm glass thickness

# $\begin{tabular}{ll} \textbf{Max. weight of door panels} \\ 80 \ kg \end{tabular}$

#### Calculation of glass width

A = LW / 2 + 27 mm min. 2 x 990 mm with DORMOTION min. 2 x 660 mm without DORMOTION max. 2 x 1250 mm

A = Glass width
 B = Length of track
 GH1 = Glass height sliding door
 GH2 = Glass height sidelight

H = Total height

LH = Clear opening heigth

LW = Clear opening width

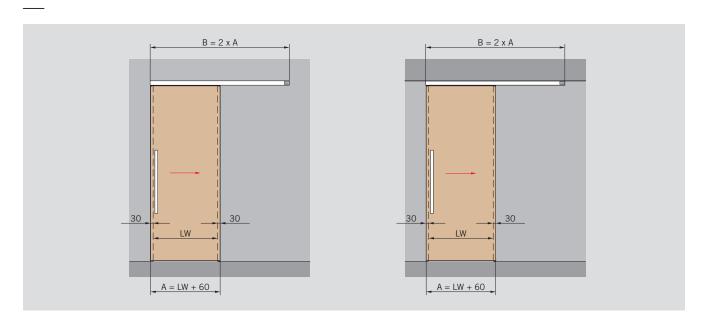
S = Glass width sidelight

t1 = Glass thickness sliding door

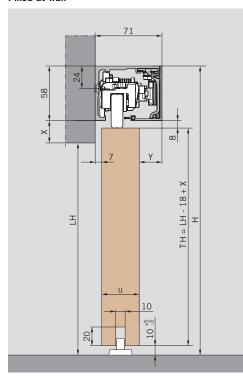
t2 = Glass thickness sidelight

Y = 71 - 17 - t1

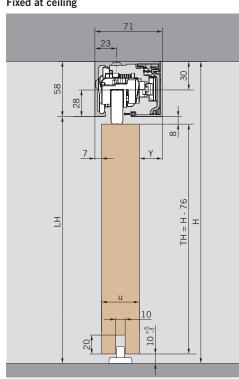
### TYPICAL ASSEMBLIES FOR TIMBER DOOR



#### Fixed at wall



#### Fixed at ceiling



#### Features and data

For installation with timber fixed at wall or ceiling, for 28 – 50 mm timber elements

#### Max. weight of door panels 80 kg

#### Calculation of door height

TH = LH - 18 + XTH = H - 76max. 3000 mm

#### Calculation of glass width

A = LW + 60min. 990 mm with DORMOTION min. 660 mm without DORMOTION max. 2000 mm max. 2 x 1250 mm

= Door width

= Length of track

= Total height

LH = Clear opening heigth

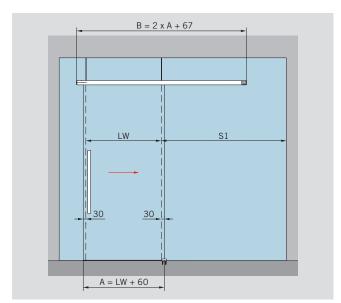
LW = Clear opening width

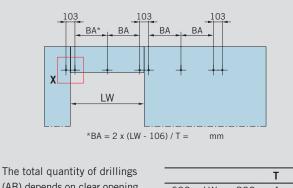
TH = Door height

= Timber thickness

= 71 - 7 - u

### TYPICAL ASSEMBLIES FIXED AT GLASS



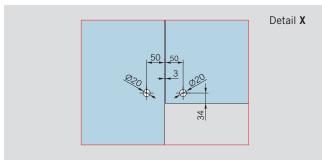


(AB) depends on clear opening width (LW) and determines the final drilling distance (BA).

Calculation sample: BA = 2 x (700 - 106) / 4 =297.0 mm

	Т	AB
600 ≤ LW ≤ 800	4	8
$800 < LW \le 1000$	6	10
1000 < LW ≤ 1200	8	12
1200 < LW ≤ 1500	10	14
1500 < LW ≤ 2000	12	16

#### Glass preparation



#### Features and data

For installation with one panel fixed at glass;

for 8 - 13.5 mm glass thickness

#### Max. weight of door panels 80 kg

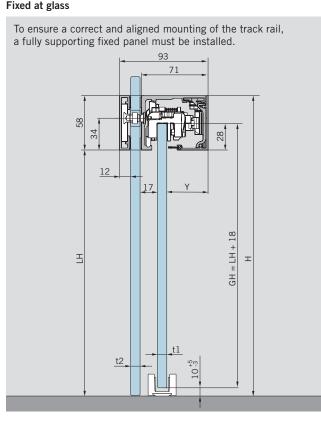
#### Calculation of glass height

GH = LH + 18max. 3000 mm

#### Calculation of glass width

A = LW + 60min. 990 mm with DORMOTION min. 660 mm without DORMOTION max. 2000 mm

#### Fixed at glass



	L DORMOTION 80
min. door width	660 mm
without DORMOTION	000 111111
min. clear opening width	600 mm
without DORMOTION	
min. door width	990 mm
with DORMOTION	990 11111
min. clear opening width	930 mm
with DORMOTION	930 11111
max. door width	2000 mm
max. clear opening width	1940 mm

= Glass width

AB = Quantity of drillings

B = Length of track

BA = Drilling distance

H = Total height

LH = Clear opening height

LW = Clear opening width

GH = Door height

= Quantity of drilling distance signed with BA

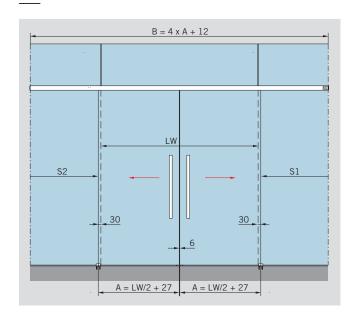
t1 = Glass thickness sliding door

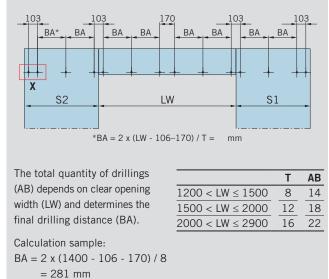
t2 = Glass thickness

fixed panel (10 - 19 mm)

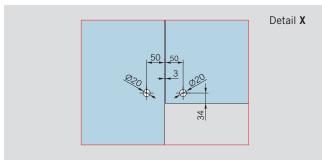
Y = 71 - 17 - t1

### TYPICAL ASSEMBLIES WITH TWO DOOR PANELS FIXED AT GLASS





#### Glass preparation



#### Features and data

For installation with two panel fixed at glass;

for 8 - 13.5 mm glass thickness

#### Max. weight of door panels 80 kg

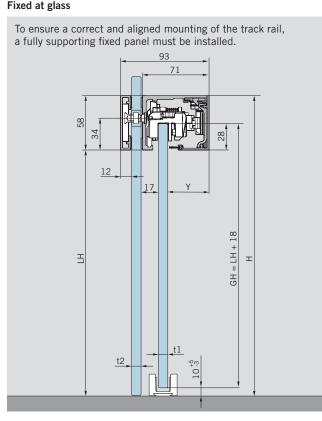
#### Calculation of glass height

GH = LH + 18max. 3000 mm

#### Calculation of glass width

A = LW / 2 + 27min. 990 mm with DORMOTION min. 660 mm without DORMOTION max. 2 x 1250 mm

#### Fixed at glass



	L DORMOTION 80
min. door width without DORMOTION	660 mm
min. clear opening width without DORMOTION	1266 mm
min. door width with DORMOTION	990 mm
min. clear opening width with DORMOTION	1926 mm
max. door width	1250 mm
max. clear opening width	2446 mm

= Glass width

AB = Quantity of drillings

B = Length of track

BA = Drilling distance

H = Total height

LH = Clear opening height

LW = Clear opening width

GH = Door height

= Quantity of drilling

t1 = Glass thickness sliding door

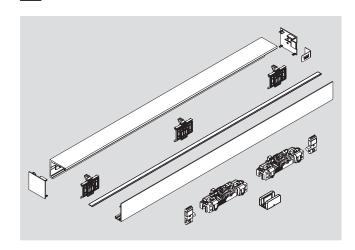
t2 = Glass thickness

fixed panel (10 - 19 mm)

distance signed with BA

= 71 - 17 - t1

### SLIDING DOOR SETS, FOR SELECTED CLEAR OPENING WIDTH

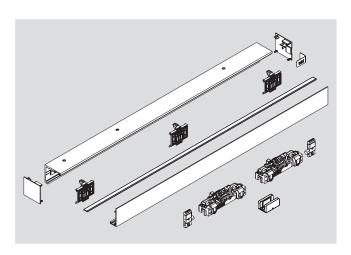


# Comfort L DORMOTION 80

Set for wall installation Prepared for option DORMOTION, Incl. track profile, cover profile and brushes

Complete accessories for 8-13.5 mm glass thickness, max. 80 kg

Panel width	Profile length	Art. No.
1100	2180	36.300
1450	2880	36.301

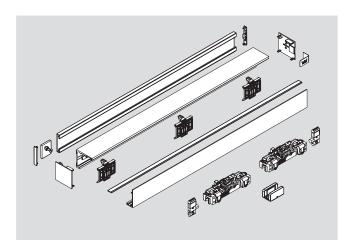


#### Comfort L DORMOTION 80

Set for ceiling installation Prepared for option DORMOTION, Incl. track profile, cover profile and brushes

Complete accessories for 8-13.5 mm glass thickness, max. 80 kg

Panel width	Profile length	Art. No.
1100	2180	36.302
1450	2880	36.303



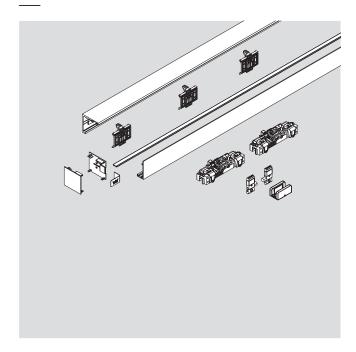
# Comfort L DORMOTION 80

Set for glass installation Prepared for option DORMOTION, Incl. cover profile, counter profile and brushes

Complete accessories for 8-13.5 mm glass thickness, max. 80 kg

Clear	Panel	Profile	Art. No.
opening	width	length	
width			
1050	1110	2287	36.304
1250	1310	2687	36.305

## SLIDING DOOR SETS, FOR INDIVIDUAL CLEAR OPENING WIDTH



# Comfort L DORMOTION 80

Set for wall installation
Prepared for option DORMOTION,

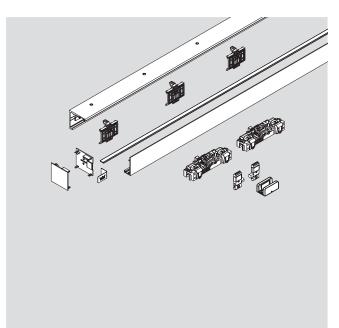
Min. panel width 990 mm (w optional DORMOTION)
Min. panel width 660 mm (w/o DORMOTION)
Max. panel width 2000 mm (w optional DORMOTION)
Max. panel width 2000 mm (w/o DORMOTION)

Profile length xxxx mm\* (max. 4000 mm)

Incl. track profile, cover profile and brushes

Complete accessories for 8-13.5 mm glass thickness, max. 80 kg

# Art. No. 36.320



#### Comfort L DORMOTION 80

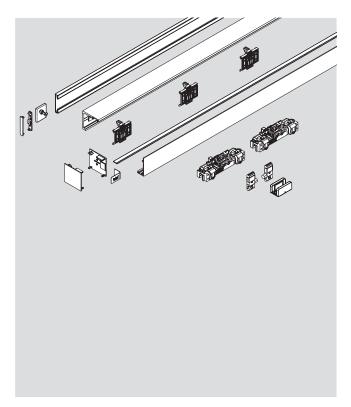
Set for ceiling installation Prepared for option DORMOTION,

Min. panel width 990 mm (w optional DORMOTION) Min. panel width 660 mm (w/o DORMOTION) Max. panel width 2000 mm (w optional DORMOTION) Max. panel width 2000 mm (w/o DORMOTION)

Profile length xxxx mm\* (max. 4000 mm)

Incl. track profile, cover profile and brushes

Complete accessories for 8-13.5 mm glass thickness, max. 80 kg



# Comfort L DORMOTION 80

Set for glass installation Prepared for option DORMOTION,

min. LW 930 mm
(w optional DORMOTION)
Min. panel width 660 mm,
min. LW 600 mm
(w/o DORMOTION)
Max. panel width 2000 mm,
max. LW 1940 mm
(w optional DORMOTION)
Max. panel width 2000 mm,

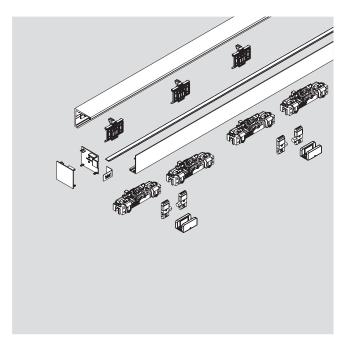
Min. panel width 990 mm,

Profile length xxxx mm\* (max. 4067 mm)

max. LW 1940 (w/o DORMOTION)

Incl. track profile, counter profile, cover profile and brushes

Complete accessories for 8-13.5 mm glass thickness, max. 80 kg



#### Comfort L DORMOTION 80 / Synchro

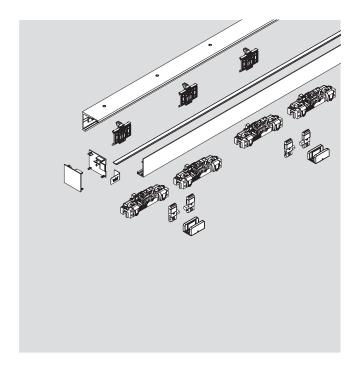
Set for 2-panel door, wall installation, fixed length

Min. panel width 990 mm (w optional DORMOTION) Min. panel width 660 mm (w/o DORMOTION) Max. panel width 1250 mm (w optional DORMOTION) Max. panel width 1250 mm (w/o DORMOTION)

Profile length xxxx mm\* (max. 5000 mm)

Incl. track profile, cover profile and brushes

Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg Art. No. 36.322



#### Comfort L DORMOTION 80 / Synchro

Set for 2-panel door, ceiling installation, fixed length Prepared for option DORMOTION,

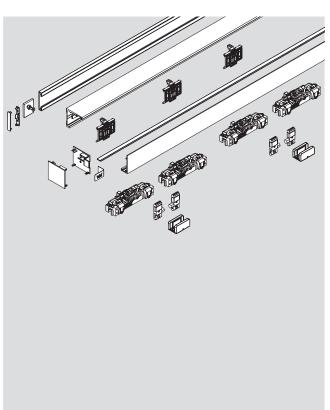
Min. panel width 990 mm (w optional DORMOTION) Min. panel width 660 mm (w/o DORMOTION) Max. panel width 1250 mm (w optional DORMOTION) Max. panel width 1250 mm (w/o DORMOTION)

Profile length xxxx mm\* (max. 5000 mm)

Incl. track profile, cover profile and brushes

 $\begin{array}{l} \text{Complete accessories} \\ \text{for 8} - 13.5 \text{ mm glass} \\ \text{thickness, max. 80 kg} \end{array}$ 

Art. No. 36.324



#### Comfort L DORMOTION 80 / Synchro

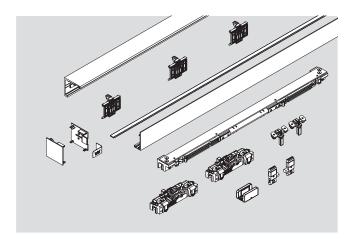
Set for 2-panel door, glass installation, fixed length Prepared for option DORMOTION,

Min. panel width 990 mm, min. LW 1926 mm (w optional DORMOTION) Min. panel width 660 mm, min. LW 1266 mm (w/o DORMOTION) Max. panel width 1250 mm, max. LW 2446 mm (w optional DORMOTION) Max. panel width 1250 mm, max. LW 2446 (w/o DORMOTION)

Profile length xxxx mm\* (max. 5012 mm)

Incl. track profile, counter profile, cover profile and brushes

Complete accessories for 8-13.5 mm glass thickness, max. 80 kg



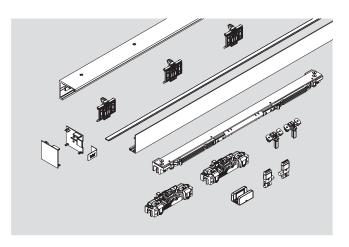
# Comfort L DORMOTION 80

Set for wall installation incl. DORMOTION, Min. panel width 990 mm, Max. panel width 2000 mm Profile length xxxx mm\* (max. 4000 mm)

Incl. track profile, cover profile and brushes

Complete accessories for 8-13.5 mm glass thickness, max. 80 kg

Art. No. 36.326



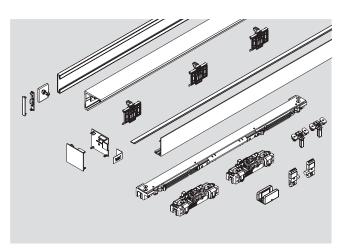
# Comfort L DORMOTION 80

Set for ceiling installation incl. DORMOTION, Min. panel width 990 mm, Max. panel width 2000 mm Profile length xxxx mm\* (max. 4000 mm)

Incl. track profile, cover profile and brushes

Complete accessories for 8-13.5 mm glass thickness, max. 80 kg

Art. No. 36.327

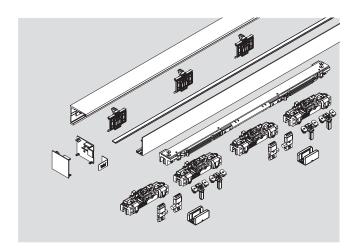


# Comfort L DORMOTION 80

Set for glass installation incl. DORMOTION, Min. panel width 990 mm, Max. panel width 2000 mm (max. LW 1940 mm) Profile length xxxx mm\* (max. 4067 mm)

Incl. track profile, counter profile, cover profile and brushes

Complete accessories for 8-13.5 mm glass thickness, max. 80 kg



#### Comfort L DORMOTION 80 / Synchro

Set for 2-panel door, wall installation incl. DORMOTION fixed length, min. panel width 990 mm,

Max. panel width 1250 mm Profile length xxxx mm\* (max. 5000 mm)

Incl. track profile, cover profile and brushes

Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg

Art. No. 36.329



Set for 2-panel door, ceiling installation incl. DORMOTION fixed length, min. panel width 990 mm,

Max. panel width 1250 mm Profile length xxxx mm\* (max. 5000 mm)

Incl. track profile, cover profile and brushes

Complete accessories for 8-13.5 mm glass thickness, max. 80 kg

#### Art. No. 36.330

# thickness, max. 80 kg

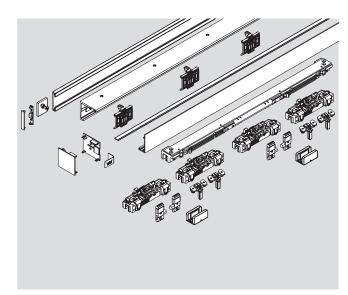
Set for 2-panel door, glass installation incl. DORMOTION fixed length, min. panel width 990 mm,

**DORMOTION 80 / Synchro** 

Min. panel width 990 mm (min. LW 1926 mm) Max. panel width 1250 mm (max. LW 2446 mm) Profile length xxxx mm\* (max. 5012 mm)

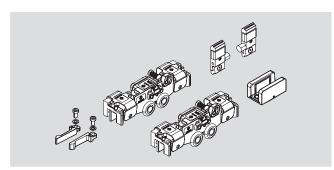
Incl. track profile, counter profile, cover profile and brushes

 $\begin{array}{l} \text{Complete accessories} \\ \text{for 8} - 13.5 \text{ mm glass} \\ \text{thickness, max. 80 kg} \end{array}$ 



### **COMPONENT PARTS**

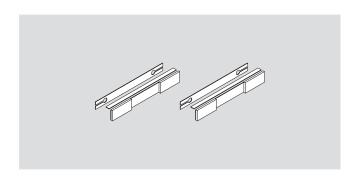
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Comfort L (DORMOTION 80 / Synchro)

Accessory set
Consisting of: 2 clamp carriers,
2 endstops and 1 floor guide

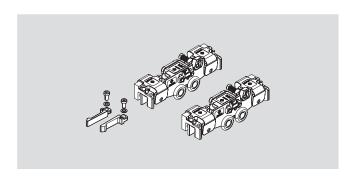
Art. No. 36.349



Comfort L (DORMOTION 80 / Synchro)

Gasket set

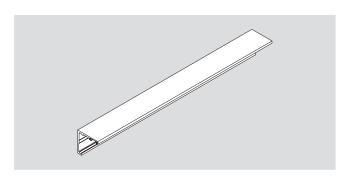
Art. No. 36.251



#### Comfort L (DORMOTION 80 / Synchro)

Pair roller module

Art. No. 36.252

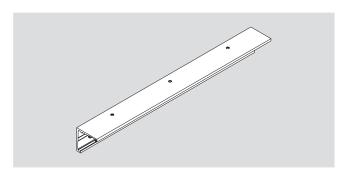


# Comfort L DORMOTION 80 / Synchro

Track rail for wall installation

stock length 6000 mm Art. No. 36.350

fixed length xxxx mm\* Art. No. 36.351



#### Comfort L DORMOTION 80 / Synchro

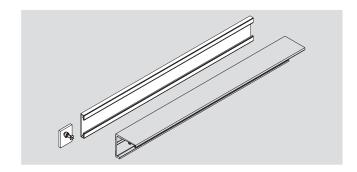
Track rail

for ceiling installation

stock length 6000 mm

Art. No. 36.352

fixed length xxxx mm\*



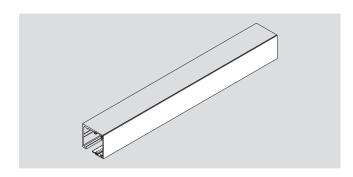
**Comfort L**Counter profile for installation at glass

stock length 6000 mm

Art. No. 36.xxx (on request)

fixed length xxxx mm\*

Art. No. 36.xxx (on request)



#### Comfort L DORMOTION 80 / Synchro

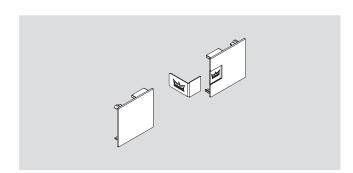
Cover profile front cover

stock length 6000 mm

Art. No. 36.359

fixed length xxxx mm\*

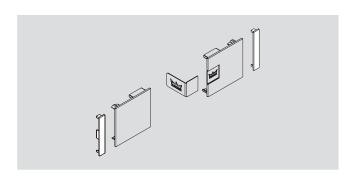
Art. No. 36.360



# Comfort L DORMOTION 80 / Synchro

Set endcaps for wall and ceiling installation

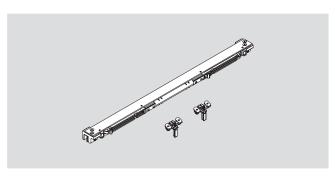
Art. No. 36.354



#### Comfort L (DORMOTION 80 / Synchro)

Set endcaps for installation at glass

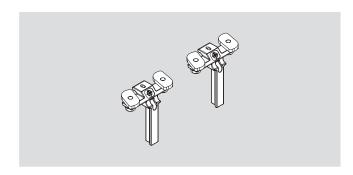
Art. No. 36.260



#### Comfort L DORMOTION 80 / Synchro DORMOTION Unit

spring cushioning unit for max. 80 kg with complete accessories

<sup>\*</sup> to be defined by customer



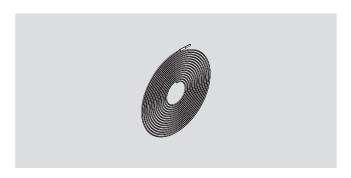
Comfort L DORMOTION 80 / Synchro DORMOTION Starter unit

Art. No. 36.356



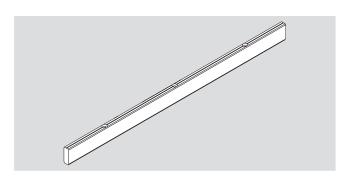
Comfort L DORMOTION 80 / Synchro Synchro set (wire, pulley etc.) with complete accessories

Art. No. 36.357



Comfort XL DORMOTION 80 / 150 / Synchro Wire for Synchro set

Art. No. 36.358



Comfort L DORMOTION 80 / Synchro)

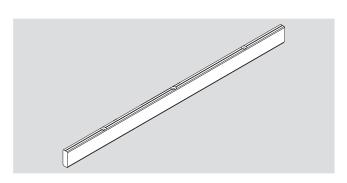
Timber adapter set Profile 12.5 x 36 mm, incl. accessory set

1460 mm

Art. No. 36.261

fixed length xxxx mm\*, max. 2000 mm

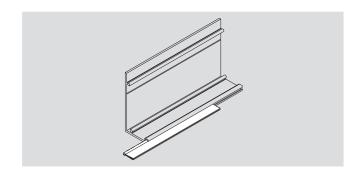
Art. No. 36.262



Comfort L (DORMOTION 80 / Synchro)

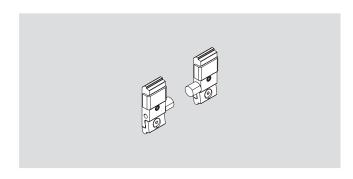
Timber adapter profile Profile 12.5 x 36 mm

stock length 6000 mm



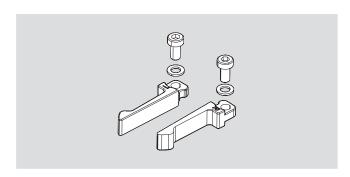
Comfort Brush profile for 8-10 mmand 12 - 13.5 mm glass

Art. No. 36.265



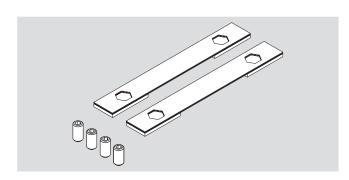
Comfort L (DORMOTION 80 / Synchro) Endstop set 2 pieces

Art. No. 36.267



Comfort L (DORMOTION 80 / Synchro) Hook set 2 pieces

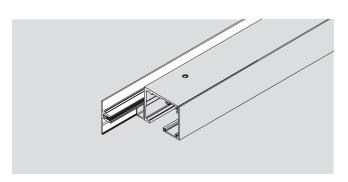
Art. No. 36.269



Comfort L (DORMOTION 80 / Synchro)

LSG set Accessory set for use with LSG for one pair of clamp carrier

Art. No. 36.270



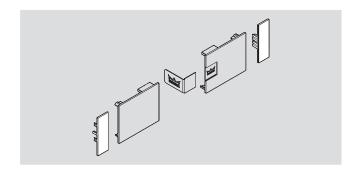
Comfort L (DORMOTION 80 / Synchro)

Side panel profile for glass connection on top, 58 mm height, complete with all gaskets, Profile for 8 - 13.5 mm glass

stock length 6000 mm Art. No. 36.271 fixed length xxxx mm\* Art. No. 36.274

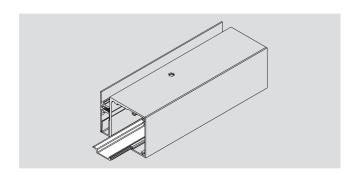
87

<sup>\*</sup> to be defined by customer



Comfort L (DORMOTION 80 / Synchro)

Set endcaps for side panel profile, 58 mm height Art. No. 36.273

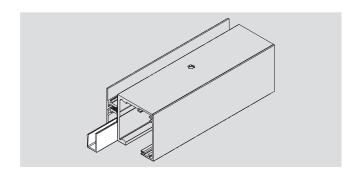


#### Comfort

View procetion profile for side panel profile, 58 mm + 69 mm height

stock length 6000 mm Art. No. 36.800

fixed length xxxx mm\* Art. No. 36.801

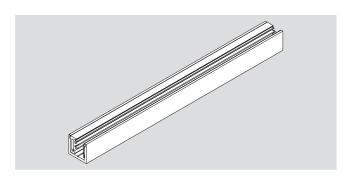


#### Comfort

Filling profile for side panel profile, 58 mm + 69 mm height

stock length 6000 mm Art. No. 36.802

fixed length xxxx mm\* Art. No. 36.803

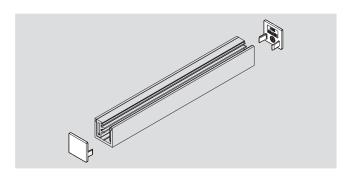


#### Comfort

Floor profile for side panel fixing, complete with all gaskets, Profile for  $8-13.5\ \text{mm}$  glass

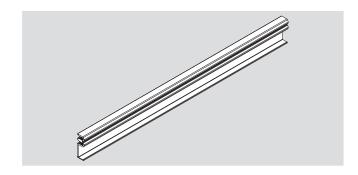
stock length 6000 mm Art. No. 36.810

fixed length xxxx mm\* Art. No. 36.811



#### Comfort

Set endcaps for floor profile - side panel fixing



#### Comfort

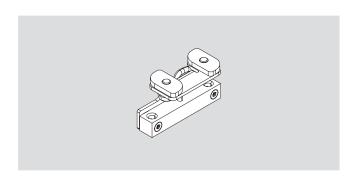
Connecting profile for false ceilings, incl. accessory set, applicable for MUTO Comfort Systems: 80, 150, Telescopic, Synchro

stock length 6000 mm

Art. No. 36.821

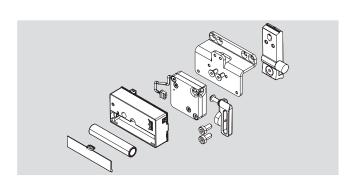
fixed length xxxx mm\*

Art. No. 36.820



#### Comfort

Status-Indicator set With complete accessory (sensor, cable etc.) Art. No. 36.840

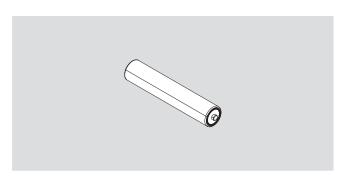


#### Comfort

Set locking device complete With complete accessory: Locking-mechanic, electronic, installation-base etc.

(only in combination with DORMOTION)

Art. No. 36.842

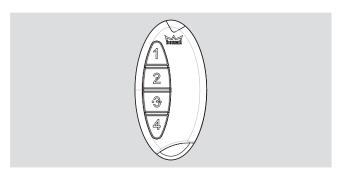


#### Comfort

Battery

for locking device

Art. No. 36.845

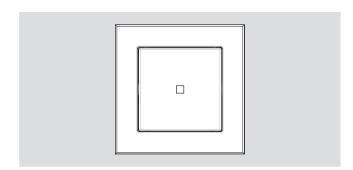


#### Comfort

Locking device

Portable radio remote control

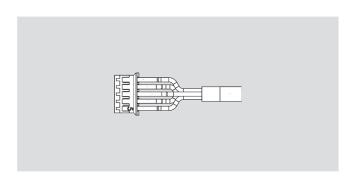
<sup>\*</sup> to be defined by customer



#### Comfort

Locking device
Wall switch incl. radio remote
control

Art. No. 36.849



#### Comfort

Locking device Single cable set for indicator and low battery warning

### TYPICAL ASSEMBLIES FIXED AT WALL

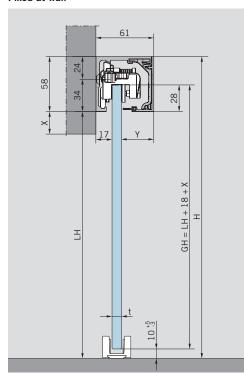
B = 2 x A

30

LW

A = LW + 60

#### Fixed at wall



#### Features and data

For installation with one or two door panels fixed at wall; for 8 – 13.5 mm glass thickness

### Max. weight of door panels

80 kg

#### Calculation of glass height

GH = LH + 18 mm + X (see drawing) max. 3000 mm

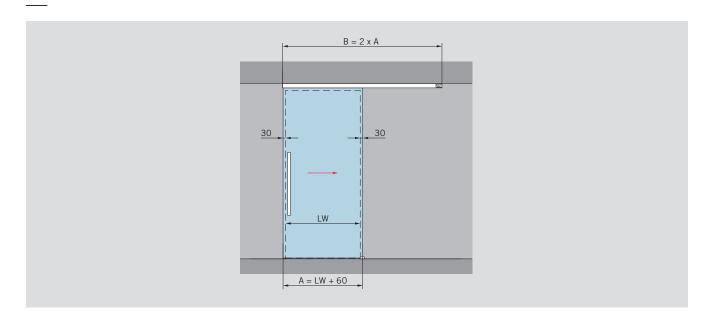
#### Calculation of glass width

A = LW + 60 mm min. 660 mm max. 2000 mm max. 2 x 1250 mm

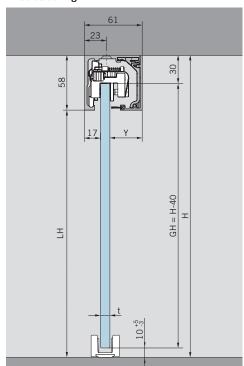
A = Glass width
B = Length of track
GH = Glass height
H = Total height

LH = Clear opening height
LW = Clear opening width
t = Glass thickness
Y = 61 - 17 - t

### TYPICAL ASSEMBLIES FIXED AT CEILING



#### Fixed at ceiling



#### Calculation of glass height

GH = H - 40 mm max. 3000 mm

A = Glass width
B = Length of track
GH = Glass height
H = Total height

LH = Clear opening height
LW = Clear opening width
t = Glass thickness
Y = 61 - 17 - t

#### Features and data

For installation with one or two door panels fixed at ceiling or fixed at false ceiling; for  $8-13.5\ mm$  glass thickness

### Max. weight of door panels

80 kg

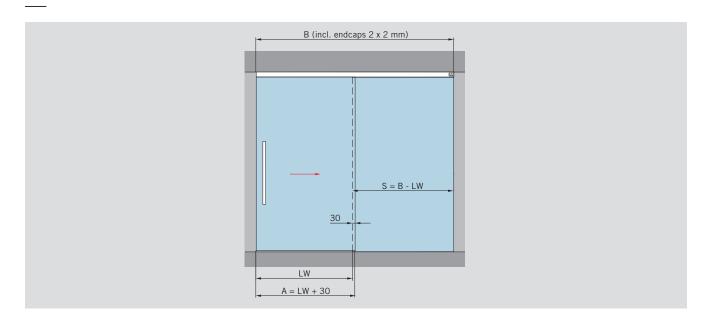
#### Calculation of glass height

GH = H - 40 mm max. 3000 mm

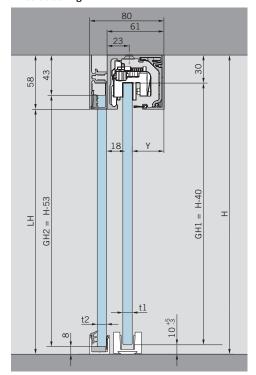
#### Calculation of glass width

A = LW + 60 mm min. 660 mm max. 2000 mm max. 2 x 1250 mm

## TYPICAL ASSEMBLIES WITH SIDELIGHT, ON ONE SIDE



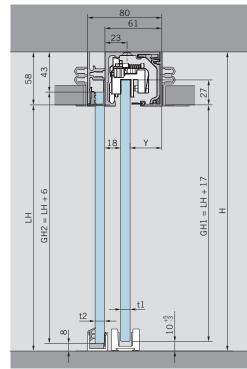
#### Fixed at ceiling



#### Calculation of glass height

GH1 = H - 40GH2 = H - 53max. 3000 mm

#### Fixed at false ceiling



#### Calculation of glass height

GH1 = LH + 17GH2 = LH + 6max. 3000 mm

#### Features and data

For installation with one door panel with sidelight on one side; for 8 - 13.5 mm glass thickness

Max. weight of door panels 80 kg

#### Calculation of glass width

A = LW + 30 mmmin. 660 mm max. 2000 mm

= Glass width = Length of track GH1 = Glass height sliding door

GH2 = Glass height sidelight

= Total height

LH = Clear opening heigth

LW = Clear opening width

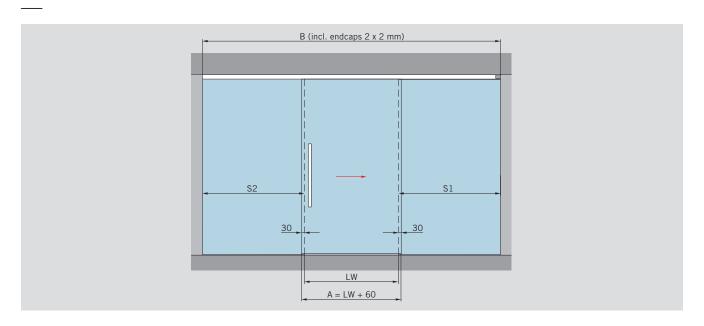
= Glass width sidelight

t1 = Glass thickness sliding door

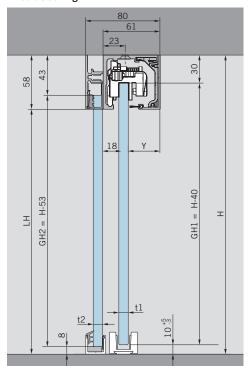
= Glass thickness sidelight t2

= 61 - 18 - t1

## TYPICAL ASSEMBLIES WITH SIDELIGHT, ON BOTH SIDES



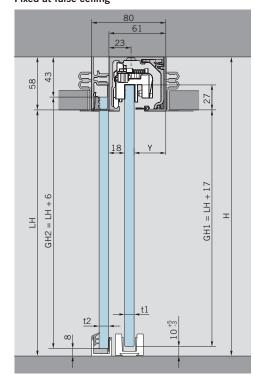
#### Fixed at ceiling



#### Calculation of glass height

GH1 = H - 40 GH2 = H - 53 max. 3000 mm

#### Fixed at false ceiling



#### Calculation of glass height

GH1 = LH + 17 GH2 = LH + 6max. 3000 mm

A = Glass width

B = Length of track

GH1 = Glass height sliding door

GH2 = Glass height sidelight

H = Total height

LH = Clear opening height

LW = Clear opening width

S = Glass width sidelight

t1 = Glass thickness sliding door

t2 = Glass thickness sidelight

Y = 61 - 18 - t1

#### Features and data

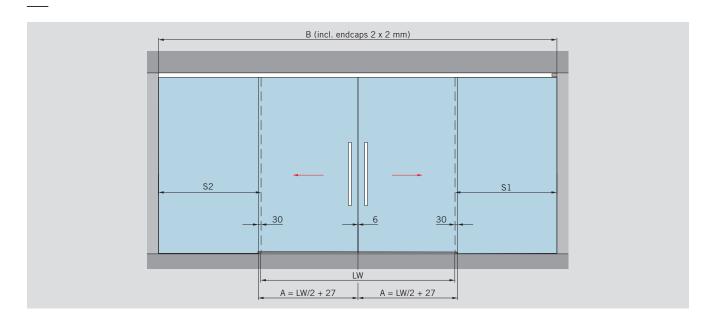
For installation with one door panel with sidelight on both sides; for  $8-13.5\,$  mm glass thickness

 $\begin{tabular}{ll} \textbf{Max. weight of door panels} \\ 80 \ kg \end{tabular}$ 

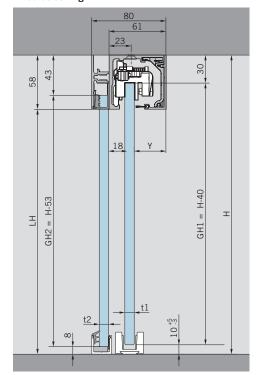
#### Calculation of glass width

A = LW + 60 mm min. 660 mm max. 2000 mm

### TYPICAL ASSEMBLIES WITH TWO DOOR PANELS WITH SIDELIGHTS



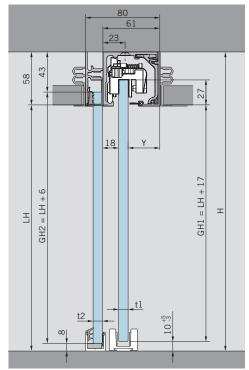
#### Fixed at ceiling



#### Calculation of glass height

GH1 = H - 40 GH2 = H - 53max. 3000 mm

#### Fixed at false ceiling



#### Calculation of glass height

GH1 = LH + 17GH2 = LH + 6max. 3000 mm

#### Features and data

For installation with two door panels with sidelights; for 8-13.5 mm glass thickness

Max. weight of door panels 80 kg

#### Calculation of glass width

A = LW / 2 + 27 mmmin. 2 x 660 mm max. 2 x 1250 mm

= Glass width = Length of track

GH1 = Glass height sliding door GH2 = Glass height sidelight

= Total height

LH = Clear opening heigth

LW = Clear opening width

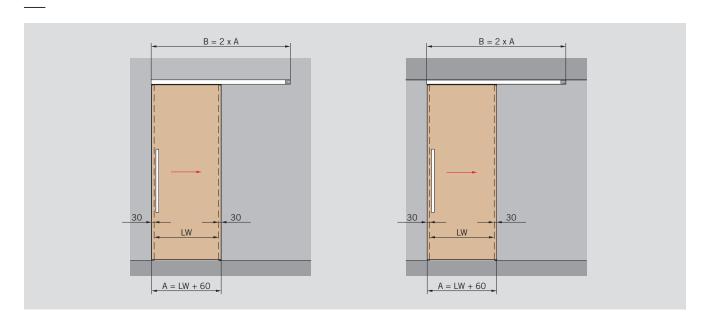
= Glass width sidelight

t1 = Glass thickness sliding door

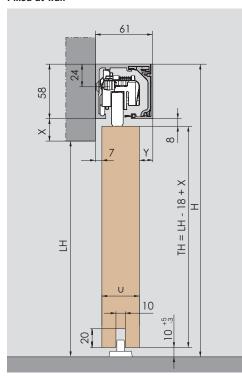
= Glass thickness sidelight t2

= 61 - 18 - t1

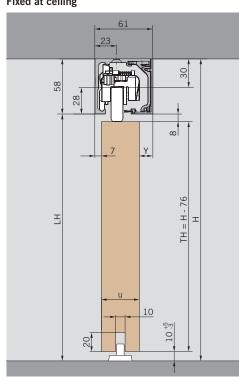
### TYPICAL ASSEMBLIES FOR TIMBER DOOR



#### Fixed at wall



#### Fixed at ceiling



#### Features and data

For installation with timber doors; fixed at wall or ceiling, for 28 – 50 mm timber elements

# $\begin{tabular}{ll} \textbf{Max. weight of door panels} \\ 80 \ kg \end{tabular}$

#### Calculation of door height

TH = LH - 18 + X TH = H - 76max. 3000 mm

#### Calculation of glass width

A = LW + 60 min. 660 mm max. 2000 mm max. 2 x 1250 mm

A = Door width

B = Length of track

H = Total height

LH = Clear opening heigth

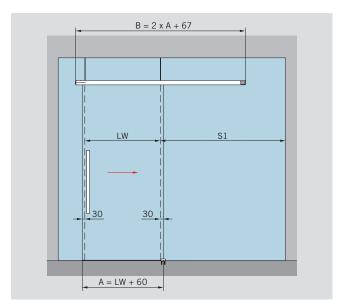
LW = Clear opening width

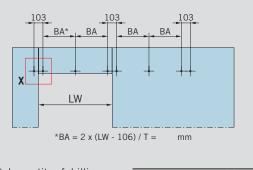
TH = Door height

u = Timber thickness

Y = 61 - 7 - u

### TYPICAL ASSEMBLIES FIXED AT GLASS



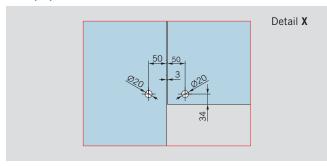


The total quantity of drillings (AB) depends on clear opening width (LW) and determines the final drilling distance (BA).

Calculation sample:  $BA = 2 \times (700 - 106) / 4 = 297.0 \text{ mm}$ 

	Т	AB
600 ≤ LW ≤ 800	4	8
800 < LW ≤ 1000	6	10
1000 < LW ≤ 1200	8	12
1200 < LW ≤ 1500	10	14
1500 < LW ≤ 2000	12	16

#### Glass preparation



#### Features and data

For installation with one panel fixed at glass;

for 8 – 13.5 mm glass thickness

# Max. weight of door panels 80 kg

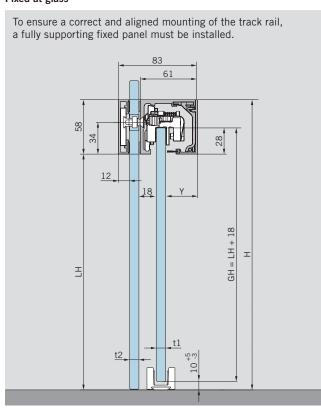
#### Calculation of glass height

GH = LH + 18 max. 3000 mm

#### Calculation of glass width

A = LW + 60 min. 660 mm max. 2000 mm

#### Fixed at glass



L 150	
660 mm	
000 111111	
600 mm	
_	
_	
2000 mm	
1940 mm	

A = Glass width

AB = Quantity of drillings

B = Length of track

BA = Drilling distance

H = Total height

LH = Clear opening height

LW = Clear opening width

GH = Door height

Quantity of drillingdistance signed with BA

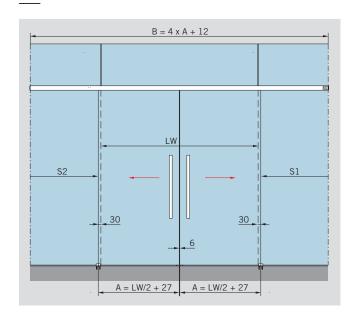
t1 = Glass thickness sliding door

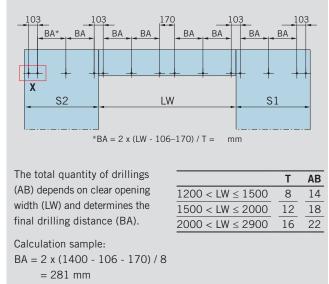
t2 = Glass thickness

fixed panel (10 - 19 mm)

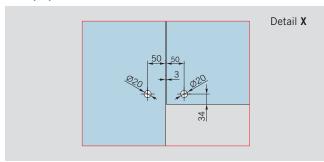
Y = 61 - 18 - t1

### TYPICAL ASSEMBLIES WITH TWO DOOR PANELS FIXED AT GLASS





#### Glass preparation



#### Features and data

For installation with two panel fixed at glass;

for 8 - 13.5 mm glass thickness

#### 

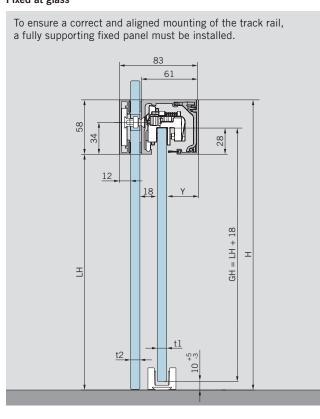
#### Calculation of glass height

GH = LH + 18 max. 3000 mm

#### Calculation of glass width

A = LW / 2 + 27min. 2 x 660 mm max. 2 x 1250 mm

#### Fixed at glass



L 80
660 mm
1266 mm
_
1250 mm
2446 mm

A = Glass width

AB = Quantity of drillings

 $\mathsf{B} \quad = \ \mathsf{Length} \ \mathsf{of} \ \mathsf{track}$ 

BA = Drilling distance

H = Total height

LH = Clear opening height

LW = Clear opening width

GH = Door height

Γ = Quantity of drilling distance signed with BA

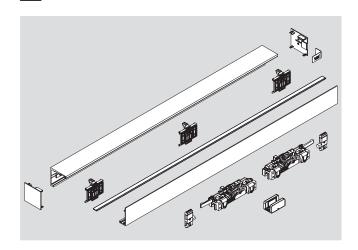
t1 = Glass thickness sliding door

t2 = Glass thickness

fixed panel (10 - 19 mm)

Y = 61 - 18 - t1

### SLIDING DOOR SETS, FOR SELECTED CLEAR OPENING WIDTH

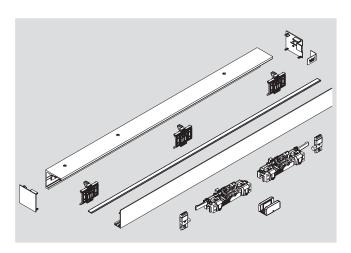


#### Comfort L 80

Set for wall installation Incl. track profile, cover profile and brushes

Complete accessories for 8-13.5 mm glassthickness, max. 80 kg

Panel width	Profile length	Art. No.
950	1880	36.200
1450	2880	36.201

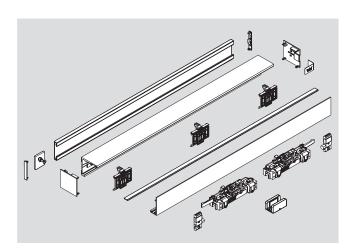


#### Comfort L 80

Set for ceiling installation Incl. track profile, cover profile and brushes

Complete accessories for 8-13.5 mm glass thickness, max. 80 kg

Panel width	Profile length	Art. No.
950	1880	36.202
1450	2880	36.203



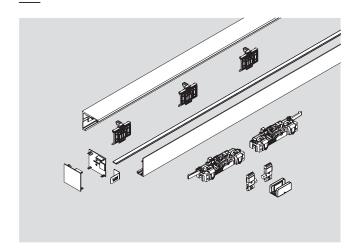
#### Comfort L 80

Set for glass installation Incl. track profile, cover profile, counter profile and brushes

Complete accessories for 8-13.5 mm glassthickness, max. 80 kg

Clear opening width			Art. No.
850	910	1887	36.204
1050	1110	2287	36.205
1250	1310	2687	36.206

### SLIDING DOOR SETS, FOR INDIVIDUAL CLEAR OPENING WIDTH

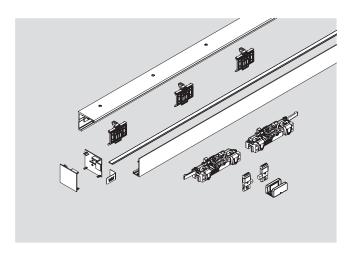


#### Comfort L 80

Set for wall installation
Min. panel width 660 mm
Max. panel width 2000 mm
Profile length xxxx mm\*
(max. 4000 mm)
Incl. track profile, cover profile
and brushes

Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg

Art. No. 36.220

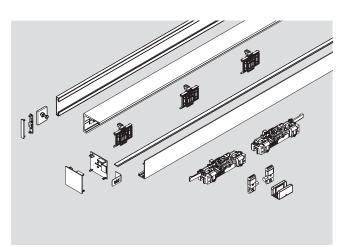


#### Comfort L 80

Set for ceiling installation Min. panel width 660 mm Max. panel width 2000 mm Profile length xxxx mm\* (max. 4000 mm) Incl. track profile, cover profile and brushes

Complete accessories for 8-13.5 mm glass thickness, max. 80 kg

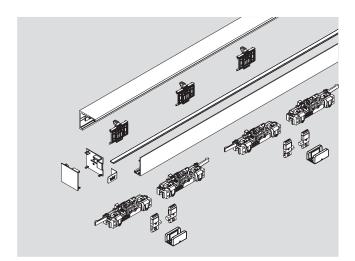
Art. No. 36.221



#### Comfort L 80

Set for glass installation
Min. panel width 660 mm,
min. LW 600 mm
Max. panel width 2000 mm,
max. LW 1940
Profile length xxxx mm\*
(max. 4067 mm)
Incl. track profile,
counter profile,
cover profile and brushes

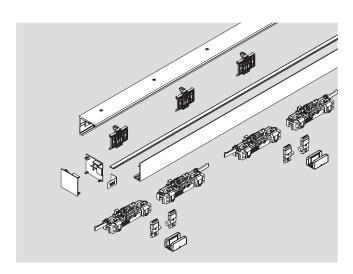
Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg



#### Comfort L 80

Set for 2-panel door, wall installation, fixed length Min. panel width 660 mm Max. panel width 1250 mm Profile length xxxx mm\* (max. 5000 mm) Incl. track profile, cover profile and brushes

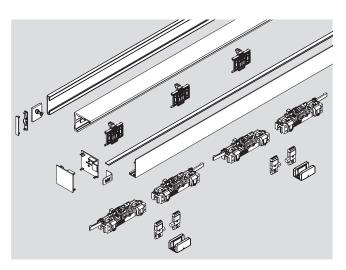
Complete accessories for 8 - 13.5 mm glass thickness, max. 80 kg Art. No. 36.223



#### Comfort L 80

Set for 2-panel door, ceiling installation, fixed length Min. panel width 660 mm Max. panel width 1250 mm Profile length xxxx mm\* (max. 5000 mm) Incl. track profile, cover profile and brushes

Complete accessories for 8-13.5 mm glassthickness, max. 80 kg Art. No. 36.224

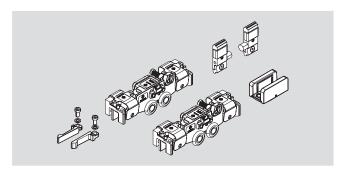


#### Comfort L 80

Set for 2-panel door, glass installation, fixed length Min. panel width 660 mm, min. LW 1266 mm Max. panel width 1250 mm, max. LW 2446 Profile length xxxx mm\* (max. 5012 mm) Incl. track profile, counter profile, cover profile and brushes

Complete accessories for 8 - 13.5 mm glass thickness, max. 80 kg

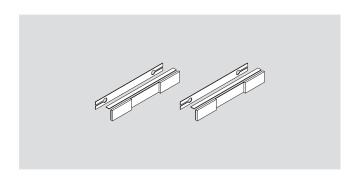
### **COMPONENT PARTS**



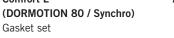
Comfort L (DORMOTION 80 / Synchro)

Accessory set Consisting of: 2 clamp carriers, 2 endstops and 1 floor guide

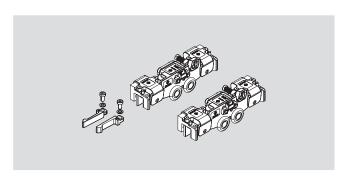
Art. No. 36.250



Comfort L (DORMOTION 80 / Synchro)



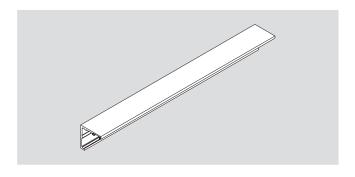
Art. No. 36.251



#### Comfort L (DORMOTION 80 / Synchro)

Pair roller module

Art. No. 36.252

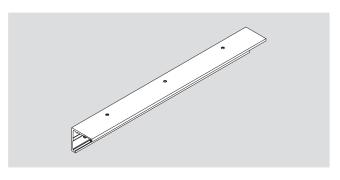


#### Comfort L

Track rail for wall installation

stock length 6000 mm Art. No. 36.253

fixed length xxxx mm\* Art. No. 36.254



#### Comfort L

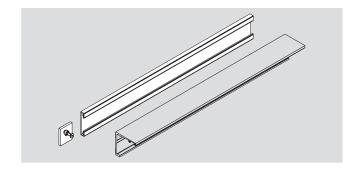
Track rail

for ceiling installation

stock length 6000 mm Art. No. 36.255

fixed length xxxx mm\* Art. No. 36.256

<sup>\*</sup> to be defined by customer



Comfort L Counter profile

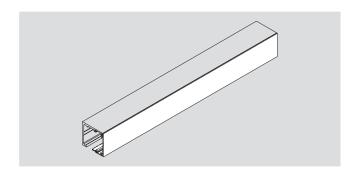
for installation at glass

stock length 6000 mm

Art. No. 36.xxx (on request)

fixed length xxxx mm\*

Art. No. 36.xxx (on request)



Comfort L

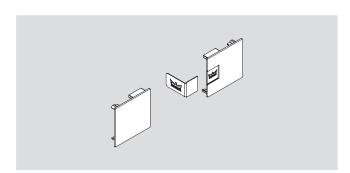
Cover profile front cover

stock length 6000 mm

Art. No. 36.257

fixed length xxxx mm\*

Art. No. 36.258

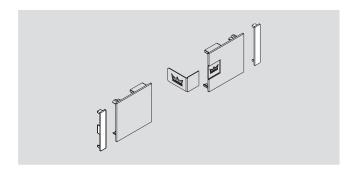


Comfort L

Set endcaps

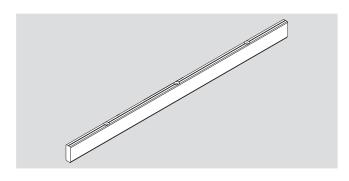
for wall and ceiling installation

Art. No. 36.259



Comfort L (DORMOTION 80 / Synchro)

Set endcaps for installation at glass Art. No. 36.260



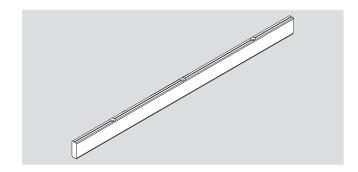
#### Comfort L (DORMOTION 80 / Synchro)

Timber adapter set Profile 12.5 x 36 mm, incl. accessory set

1460 mm

Art. No. 36.261

fixed length xxxx mm\*, max. 2500 mm

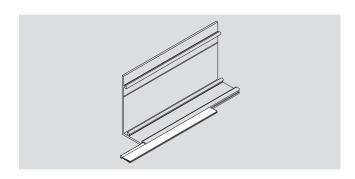


# Comfort L (DORMOTION 80 / Synchro)

Timber adapter profile Profile 12.5 x 36 mm

stock length 6000 mm

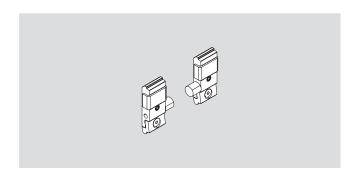
Art. No. 36.263



#### Comfort

Brush profile for 8-10 mm and 12-13.5 mm glass

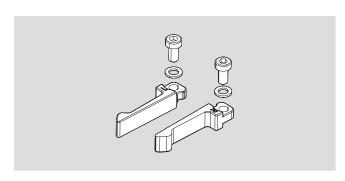
Art. No. 36.265



# Comfort L (DORMOTION 80 / Synchro)

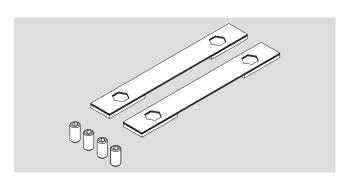
Endstop set 2 pieces

Art. No. 36.267



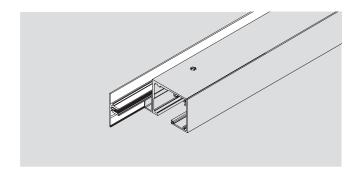
# Comfort L (DORMOTION 80 / Synchro)

Hook set 2 pieces Art. No. 36.269



#### Comfort L (DORMOTION 80 / Synchro)

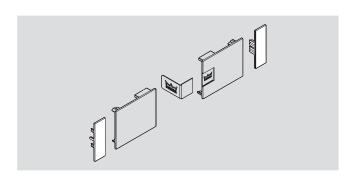
Accessory set for use with LSG for one pair of clamp carrier



#### Comfort L (DORMOTION 80 / Synchro)

Side panel profile for glass connection on top, 58 mm height, complete with all gaskets, Profile for 8-13.5 mm glass

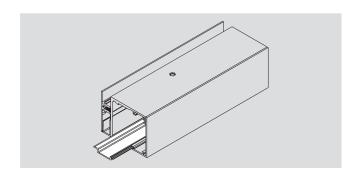
stock length 6000 mm Art. No. 36.271 fixed length xxxx mm\* Art. No. 36.274



#### Comfort L (DORMOTION 80 / Synchro)

Set endcaps for side panel profile, 58 mm height

Art. No. 36.273

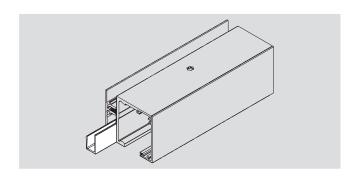


#### **MUTO Comfort**

View procetion profile for side panel profile, 58 mm + 69 mm height

stock length 6000 mm Art. No. 36.800

fixed length xxxx mm\* Art. No. 36.801

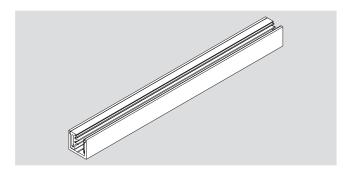


#### Comfort

Filling profile for side panel profile, 58 mm + 69 mm height

stock length 6000 mm Art. No. 36.802

fixed length xxxx mm\* Art. No. 36.803

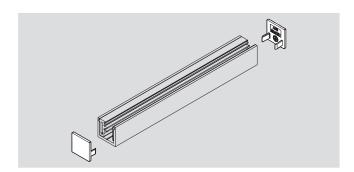


#### Comfort

Floor profile for side panel fixing, complete with all gaskets, Profile for 8-13.5 mm glass

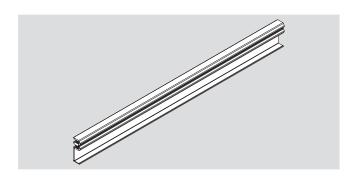
stock length 6000 mm Art. No. 36.810

fixed length xxxx mm\* Art. No. 36.811



# **Comfort**Set endcaps for floor profile - side panel fixing

Art. No. 36.812



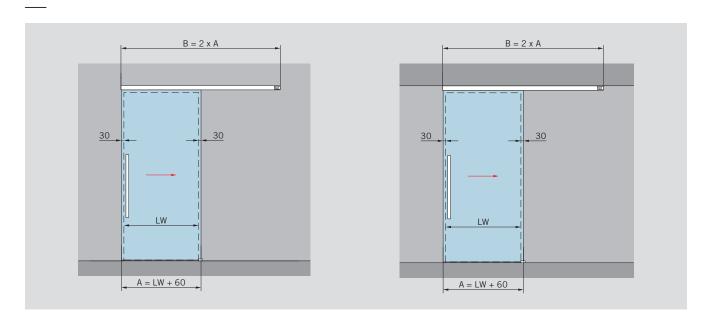
#### Comfort

Connecting profile for false ceilings, incl. accessory set, applicable for MUTO Comfort Systems: 80, 150, Telescopic, Synchro

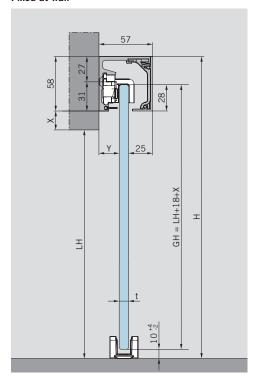
stock length 6000 mm Art. No. 36.821

fixed length xxxx mm\* Art. No. 36.820

### TYPICAL ASSEMBLIES FIXED AT WALL / FIXED AT CEILING



#### Fixed at wall



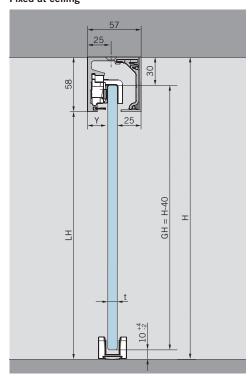
Calculation of glass height

GH = LH + 18 + X (see drawing) max. 2500 mm

= Glass width = Length of track GH = Glass height H = Total height

LH = Clear opening heigth LW = Clear opening width = Glass thickness = 57 - 25 - t

Fixed at ceiling



Calculation of glass height

GH = H - 40 (see drawing)

max. 2500 mm

#### Features and data

For installation with one or two door panels fixed at wall; for 8-10 mm glass thickness

Max. weight of door panels 50 kg

Calculation of glass width

A = LW + 60 mm

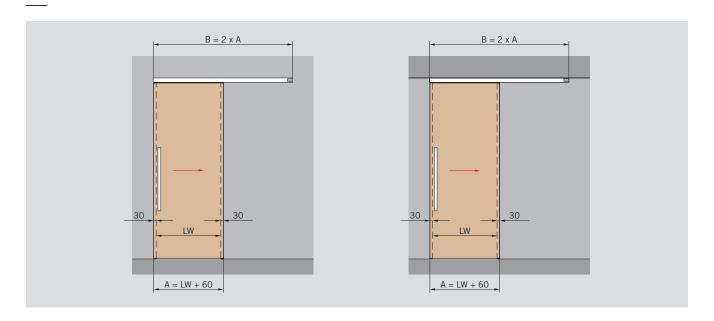
with DORMOTION

min. 905 mm max. 1300 mm

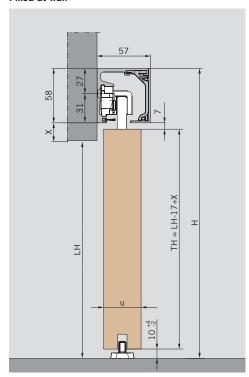
without DORMOTION

min. 660 mm max. 1300 mm

## TYPICAL ASSEMBLIES FOR TIMBER DOOR



### Fixed at wall



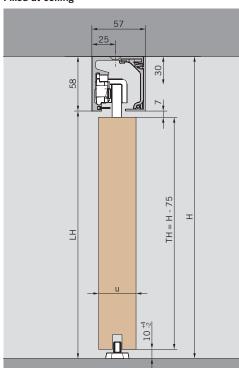
### Calculation of door height

TH = LH - 17 + X max. 2500 mm

A = Door width
 B = Length of track
 H = Total height
 LH = Clear opening heigth
 LW = Clear opening width

TH = Door height u = Timber thickness

### Fixed at ceiling



### Calculation of door height

TH = LH - 17 max. 2500 mm

### Features and data

For installation with timber doors; fixed at wall or ceiling, for 28 – 50 mm timber elements

### 

### Calculation of glass width

A = LW + 75

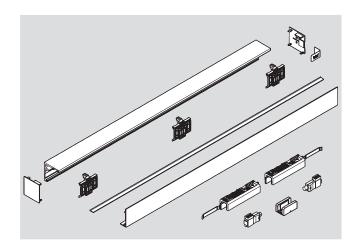
### with DORMOTION

min. 905 mm max. 1300 mm

### without DORMOTION

min. 660 mm max. 1300 mm

# SLIDING DOOR SETS, FOR SELECTED CLEAR OPENING WIDTH



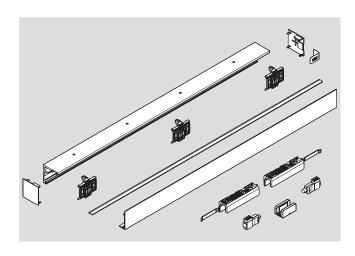
### Comfort M DORMOTION 50

Set for wall installation Incl. track profile, cover profile and brushes

Panel	Profile	Art. No.
width	length	
950	1880	36.100
1200	2380	36.101

Prepared for option DORMOTION

For 8-10 mm glass thickness, max. 50 kg



### Comfort M **DORMOTION 50**

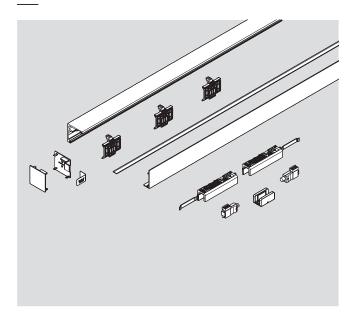
Set for ceiling installation Incl. track profile, cover profile and brushes

Panel	Profile	Art. No.
width	length	
950	1880	36.103
1200	2380	36.104

Prepared for option DORMOTION

For 8 – 10 mm glass thickness, max. 50 kg

## SLIDING DOOR SETS, FOR INDIVIDUAL CLEAR OPENING WIDTH

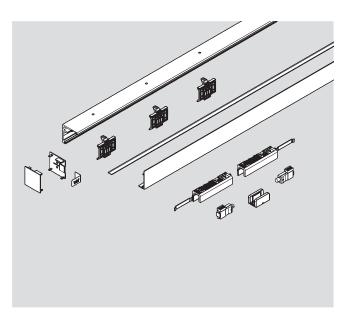


# Comfort M DORMOTION 50

Set for wall installation
Min. panel width 905 mm
(w optional DORMOTION)
Min. panel width 660 mm
(w/o DORMOTION)
Max. panel width 1300 mm
(w optional DORMOTION)
Max. panel width 1300 mm
(w/o DORMOTION)
Profile length xxxx mm\*
(max. 2600 mm)
Incl. track profile, cover profile and brushes

Prepared for option DORMOTION

For 8-10 mm glass thickness, max. 50 kg



# Comfort M DORMOTION 50

Set for ceiling installation
Min. panel width 905 mm
(w optional DORMOTION)
Min. panel width 660 mm
(w/o DORMOTION)
Max. panel width 1300 mm
(w optional DORMOTION)
Max. panel width 1300 mm
(w/o DORMOTION)
Profile length xxxx mm\*
(max. 2600 mm)
Incl. track profile, cover profile and brushes

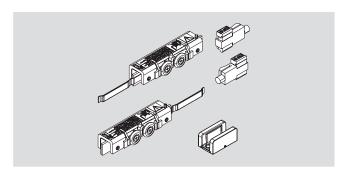
Prepared for option DORMOTION

For 8-10 mm glass thickness, max. 50 kg

Art. No. 36.106

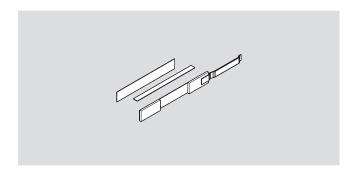
Art. No. 36.107

## **COMPONENT PARTS**



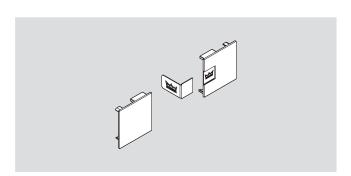
Comfort M DORMOTION 50 Accessory set Consisting of: 2 clamp carriers, 2 endstops and 1 floor guide

Art. No. 36.150



Comfort M DORMOTION 50 Gasket set

Art. No. 36.151



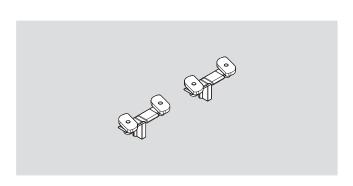
Comfort M DORMOTION 50 Set endcaps

Art. No. 36.152



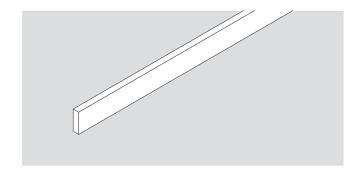
Comfort M DORMOTION 50 DORMOTION unit

Art. No. 36.153



Comfort M DORMOTION 50 **DORMOTION Starter** 

Art. No. 36.154

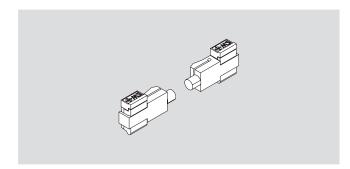


### Comfort M DORMOTION 50

Timber adapter set Profile 10 x 35 mm, incl. accessory set

1200 mm Art. No. 36.156

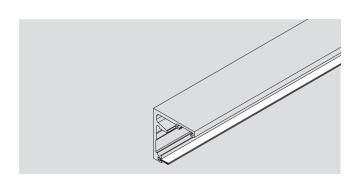
fixed length xxxx mm\* Art. No. 36.155



### Comfort M DORMOTION 50

Endstop set 2 pieces

Art. No. 36.158



### Comfort

 $Brush \ profile \\ for \ 8-10 \ mm \\ and \ 12-13.5 \ mm \ glass$ 

Art. No. 36.265

## GENERAL ACCESSORIES

Locks, U-profiles

116

**Conversion sets** 

119

Door knob, flush pull, handle bars

117

Safety-related information

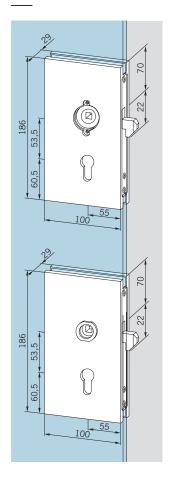
121

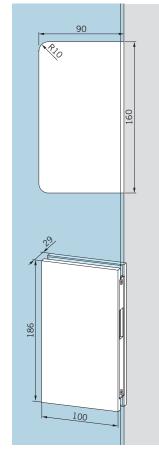
Handle bars

118



## LOCKS, U-PROFILES





Hook lock for sliding doors, nightlatch function, suitable for aluminum lever handles with round roses (10.307), prepared for Europrofile cylinder, left hand and right hand, with lock keeper plate

suitable for lever handles with follower

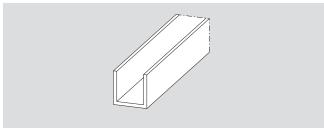
ower Weight in kg: aluminum 1.325

Art. No. 05.200

Art. No. 05.202

Weight in kg: aluminum 1.325

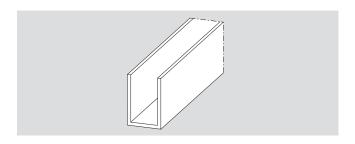
Strike box to suit hook lock 05.200, 05.202, non-handed Art. No. 05.201 Weight in kg: aluminum 0.890



**U-profile** 20 x 20 x 20 x 2 mm Art. No. 07.092 stock length 6000 mm

Art. No. 07.093 fixed length

Weight in kg/m: alumin. 0.336



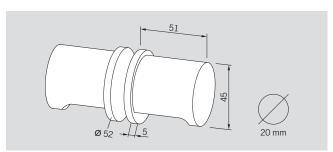
**U-profile** 30 x 20 x 30 x 2 mm Art. No. 07.097 stock length 6000 mm

Art. No. 07.096 fixed length

Weight in kg/m: alumin. 0.448

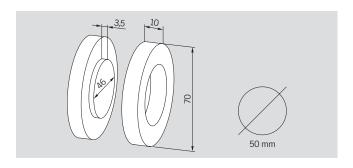
## DOOR KNOB, FLUSH PULL, ARCOS HANDLE BAR

\_\_\_



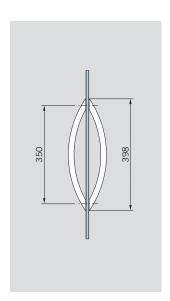
Door knob, aluminum

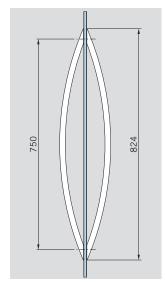
**Art. No. 07.201** Weight in kg: 0.400



Flush pull, aluminum to be glued onto the glass

**Art. No. 07.200** Weight in kg: 0.072

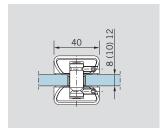


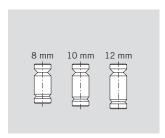


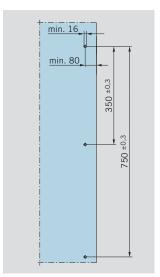
ARCOS handle bar Satin stainless steel or aluminum, for 8, 10 and 12 mm glass thicknesses

Art. No. 26.500 Length 350 mm 2 hole fixing

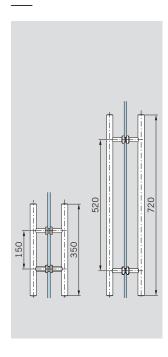
Art. No. 26.510 Length 750 mm 2 hole fixing

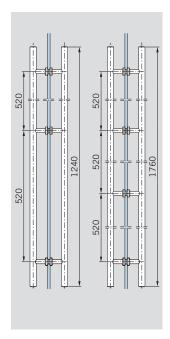






### PAIR OF HANDLE BARS





### Pair of handle bars satin stainless steel length 350 mm 2 hole fixing for 8, 10 and 12 mm glass thicknesses

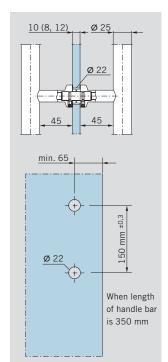
### Art. No. 21.267\* Weight in kg: stainless steel 1.254

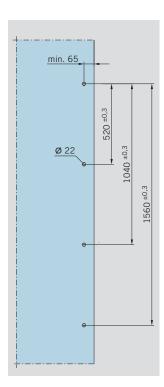
### Pair of handle bars aluminum length 350 mm 2 hole fixing for 8, 10 and 12 mm glass thicknesses

### Art. No. 03.400 Weight in kg: alumin. 1.326

### Pair of handle bars satin stainless steel length 720 mm, 2 hole fixing for 8, 10 and 12 mm glass thicknesses

Art. No. 21.270\* Weight in kg: stainless steel 1.947





### Pair of handle bars aluminum

length 720 mm 2 hole fixing for 8, 10 and 12 mm glass thicknesses

## Art. No. 03.402

Weight in kg: alumin. 2.423

## Pair of handle bars satin stainless steel length 1240 mm

3 hole fixing for 8, 10 and 12 mm glass thicknesses

## Art. No. 21.273\*

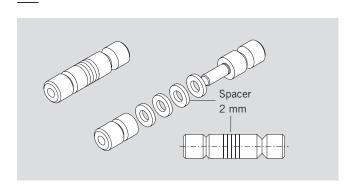
Weight in kg: stainless steel 3.400

### Pair of handle bars satin stainless steel length 1760 mm 4 hole fixing for 8, 10 and 12 mm glass thicknesses

Art. No. 21.276\* Weight in kg: stainless steel 5.000

<sup>\*</sup> Conversion sets for back to back pull handles for timber doors resp. other glass thicknesses see next page

## CONVERSION SETS FOR BACK TO BACK PULL HANDLES

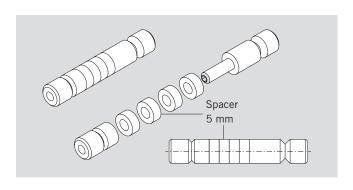


Conversion set for glass doors, back to back pull handles Glass thicknesses 13.5-21.5 mm

Art. No. 21.285

#### Glass doors

Glass thickness	spacer
13.5 mm	without
15 mm	1
17.5 mm	2
19 mm	3
21.5 mm	4



Conversion set for timber doors, back to back pull handles Door thicknesses 20 - 40 mm Art. No. 21.286

### Timber doors

Glass thickness	spacer
20 mm	without
25 mm	1
30 mm	2
35 mm	3
40 mm	4

### SAFETY-RELATED INFORMATION

# Important safety-related information for the mounting and use of DORMA glass fittings

(Follow these instructions in addition to the mounting and operating instructions in order to avoid damage of product and damage to person or property.)

**Important:** All users must be informed about relevant points mentioned in these safety-related information and the mounting and operating instructions!

#### **General information**

- 1. DORMA recommends using TSG-H (heat soaked toughened safety glass) to DIN EN 12150-1.
- 2. DORMA glass fittings are not suitable for application in rooms where chemicals (e.g. chlorine) are used such as indoor swimming pools, saunas or salt-water pools.
- Never move sliding panels faster than walking speed.Always stop the door manually before it reaches the end position.
- 4. Do not shut swing doors with excessive force. Install a door stop to prevent the door from opening too far.

#### Mounting

- Only properly qualified and specially trained staff is authorized to mount DORMA glass fittings.
- 2. Never use glass with conchoidal fractures and/or damaged edges.

- 3. Due to crushing hazards among others in the area of the secondary closing edge – and possible injury caused by breakage of glass during mounting, corresponding protective clothing (especially gloves and protective goggles) is required.
- 4. Clean clamping area with a fat solvent (standard commercial cleaning agent) before mounting the glass fitting.
- Never use clamping shoes on structured glass surfaces (except on satined glass) or glass of heavily varying thickness unless with a corresponding leveling layer.
- 6. Never use clamping shoes on self-cleaning coatings.
- When adjusting glass elements, always stick to the required clearance for the respective fitting. Adjust clearance so that the glass does not touch hard components such as glass, metal or concrete.
- 8. Make sure not to use excessive force when installing the glass (avoid local stress resulting from very tight screws).

#### Maintenance

Check fittings at regular intervals for proper positioning and smooth running and door for correct adjustment. Especially highly-frequented door systems require inspection by properly qualified staff (specialized companies or installation firms). Immediately replace damaged class elements (no glass flaking and/or conchoidal fractures)!





The printed colors indicating the surface finishes are not 100% true, but do provide a useful guide.

Statements made with regard to the nature or use of the products are for the purposes of descriptions. Assent with regard to the existence of particular properties or particular uses always requires special written agreement. Pictures may show special designs which are different to the standard scope of delivery.

Subject to change without notice.



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