



Manual Sliding Door Systems

Technical brochure 2021

MUTO
RS 120/
RS 120 Synchro
MANET Compact/
Concept
Accessories

dormakaba 

Content



- 06** **MUTO**
Manual sliding door
system with track
system integrated
functional elements



- 116** **RS 120**
Manual sliding door
system with
clamp fittings and
cover profile



- 126** **MANET**
Single-point fitting
system, stainless steel,
for manual sliding
doors



- 152** **Wall connection profile**
Bearing wall connec-
ting profile system



- 158** **Accessories**



- 172** **Safety-related
information**

Design your rooms the way you want them

Whether for living or office areas, wherever elegant transitions from one room to another need to be provided, toughened glass assemblies offer the architectural elegance of open, transparent, inviting access.

Sliding doors also add a certain lightness and a more generous appearance to small rooms. Easy-to-install solutions mean that your space-defining idea in glass can be readily made reality.

MUTO

The manual sliding door system for timber panels. Compact, flexible and with a wide range of options. Simple installation and adjustability from the front. Convenience "Comfort" options such as automatic closing function and integrated battery-operated lock eliminating the need for an external power supply MUTO is also available as telescopic variant.

Applications and features	MUTO M 60	MUTO L 80	MUTO Premium XL 80/150
Suspended sliding door	●	●	●
Integrated / concealed carrier	●	●	●
1 panelled sliding door	●	●	●
2 panelled bi-parting sliding door		●	●
Integrated locking device		●	●
Status indicator		●	●
Suspended ceilings		●	●
Self-Closing			
Synchro version		●	●
Telescopic function (panel moves in sync)			
End-position engage cushioning	●	●	●
Installation at wall	●	●	●
Installation at wall; version with large glass-to-wall clearance for bridging existing frames + direct track fixing to wall	●	●	●
Installation at ceiling	●	●	●
Fixed at glass		●	●
Safe use of laminated safety glass elements	●	●	●
System integration of fixed side panels	●	●	●
Timber sliding door possible	●	●	●
Curved systems			
Panel attachment with no glass preparation ¹⁾	●	●	●
Max. sliding panel weight	60 kg	80 kg	80 / 150 kg
Min. sliding panel width (mm)	without DORMOTION	600 ^{3) 6)}	660 ³⁾
	with DORMOTION	600 ^{3) 6)}	660 ³⁾
Max. sliding panel width (mm)	1,300	2.000 ⁷⁾	2.500 ⁷⁾
Max. sliding panel height (mm)	2,500	3,000	3,000
Glass thicknesses (mm) sliding panel	8 – 12	8 – 13.5	8 – 13.5
Glass type	TSG / LSG ^{4) 5)}	TSG / LSG ^{4) 5)}	TSG / LSG ^{4) 5)}
Wood thickness (mm) sliding panel	28 – 50	28 – 50	28 – 50
Glass thicknesses (mm) integrated sidelights	8 – 13.5	8 – 13.5	8 – 13.5
Page	22	32	50

1) Glass machining only necessary for individual thumbturn or other handle types.

2) 120 kg for glass or timber panels with two carriers. 150 kg for glass panels with three carriers.

3) To ensure optimal operation, we recommend an aspect ratio of 1:2 or 1:3

4) LSG with accessory set LSG

5) LSG consisting of 2 x TSG

6) After consultation: without DORMOTION min. 400 mm possible, with DORMOTION min. 550 mm possible

RS 120

Robust clamp-type carriers designed for glass or timber panels up to 120 kg. The visible system surface and finish is achieved on the basis of clip-on cover profiles.

MANET

The basic module is the single-point fixing inserted in counter-sunk holes to ensure that it is flushed with the glass surface – just one of its visual highlights.

MUTO Premium Self-Closing 120	MUTO Premium Telescopic 80	RS 120	MANET Compact	MANET Concept
●	●	●	●	●
●	●	●		
●	● (2 panels, move in sync)	●	●	●
●	● (2x2 panels, move in sync)	●	●	●
●	●			
●	●			
●	●			
●				
		●		
	●			
●	●			
●	●	●	●	●
●	●		●	
●	●	●		
●	●		●	●
●	●			●
●	●	●	●	●
●	●	●		
●	●	●		
120 kg	2 x 80 kg	120 / 150 kg	100 kg	120 kg
660 ³⁾	from page 92 onwards	500 ³⁾	500 ³⁾	500 ³⁾
850 ³⁾				
1,500 ⁸⁾	from page 92 onwards	1,500 ⁷⁾	1,200 ⁷⁾	1,500 ⁷⁾
3,000	3,000	3,000	2,500	3,000
8 – 13.5	8 – 13.5	8, 10, 12	8, 10, 12	8 – 17.5
TSG / LSG ^{4) 5)}	TSG / LSG ^{4) 5)}	TSG	TSG	TSG / LSG
28 – 50	28 – 50	26 – 38		20 – 40 ³⁾
8 – 13.5	8 – 13.5		10, 12	10 – 17.5
70	88	116	126	136

7) From 1,500 mm glass panel width, we recommend using the MUTO floor profile guide with brushes (Art. No. 36.562). The glass dimensions may differ due to the following factors: type of installation, glass tolerances, general usage considerations. The use of clamp fittings on structured glass surfaces (except for satinised glass) or glasses with large variations in glass thickness is only permitted with the application of a levelling layer.

8) Max. travel 1,450 mm

● Standard
○ Optional

Content

MUTO

08

General information

- Features / Benefits
- Laminated safety glass
- Program overview
- Feasible panel width

22

MUTO Comfort M 60

- Type illustrations
- Fitting modules
- Component parts

32

MUTO Comfort L 80

- Type illustrations
- Fitting modules
- Component parts

50

MUTO Premium XL 80/150

- Type illustrations
- Fitting modules
- Component parts

70

MUTO Premium Self-Closing 120

- Type illustrations
- Fitting modules
- Component parts

88

MUTO Premium Telescopic 80

- General information
- Type illustrations
- Component parts

158

Accessories

172

Safety-related information



MUTO

General information

MUTO

The systems are based on a thoroughly modular construction principle, enabling them to be adapted to different requirements.

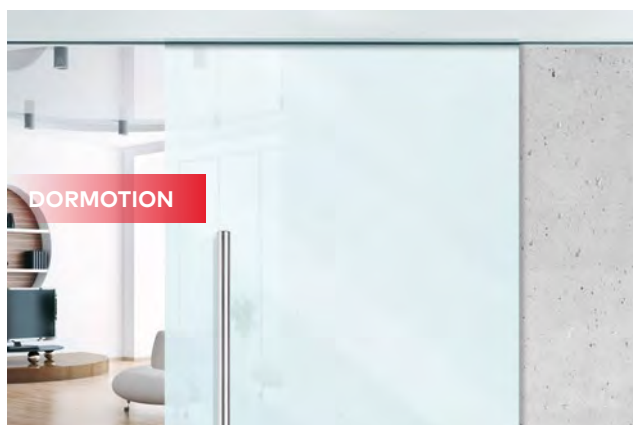
Weight classes

- 60 kg
- 80 kg
- 150 kg

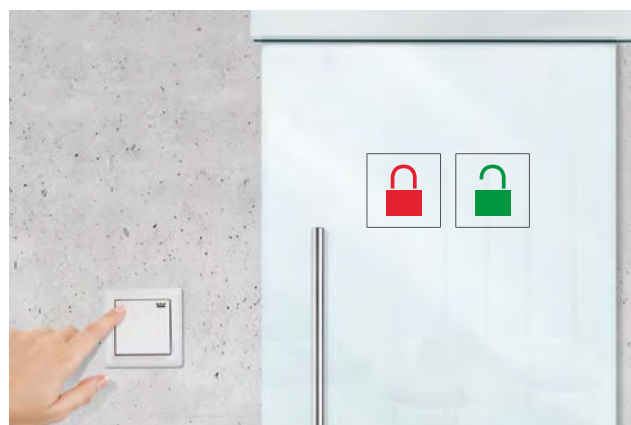
Activity rate, longevity

- $\geq 50,000$ cycles at 60 kg variant
- $\geq 100,000$ cycles at 80 kg variant
- $\geq 200,000$ cycles at 80/150 kg variant
- Self-Closing, max. 120 kg
- Telescopic, max. 2 x 80 kg

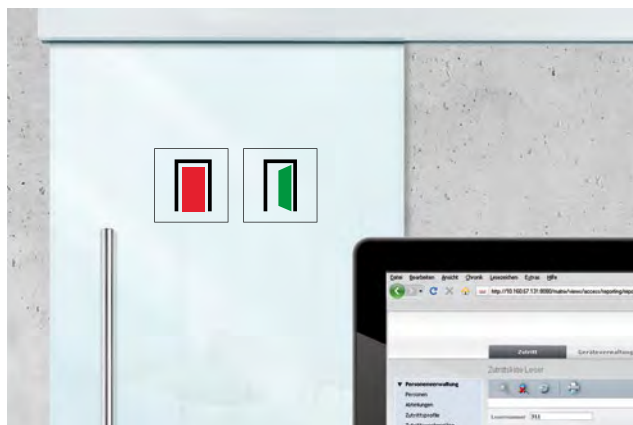
DORMOTION – the elegant damping mechanism



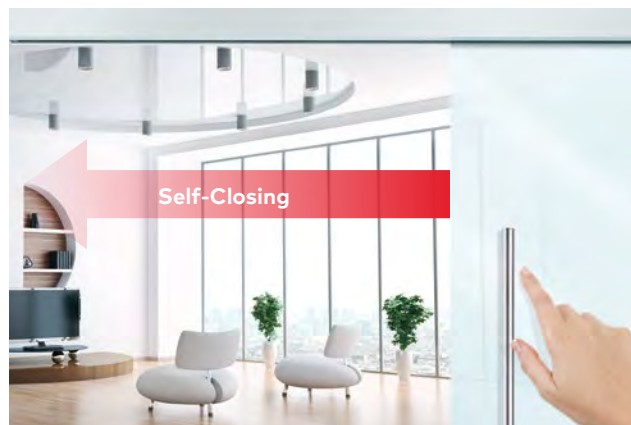
Integrated electromechanical lock – discretion assured



Status indicator – everything under control



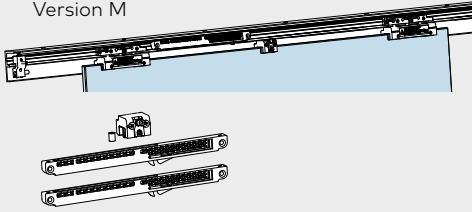
Self-Closing – hassle-free



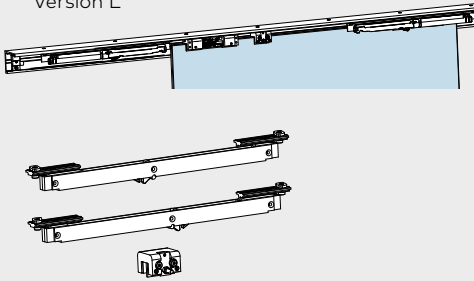
Retrofittable and safe

Product description

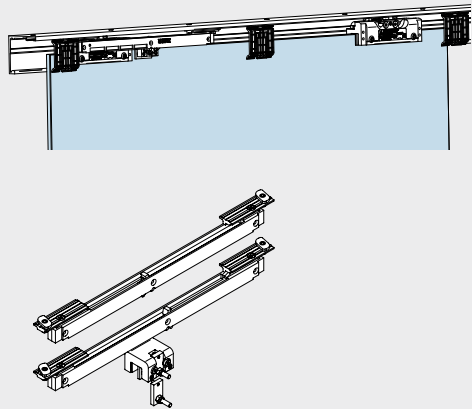
Version M



Version L



Version XL



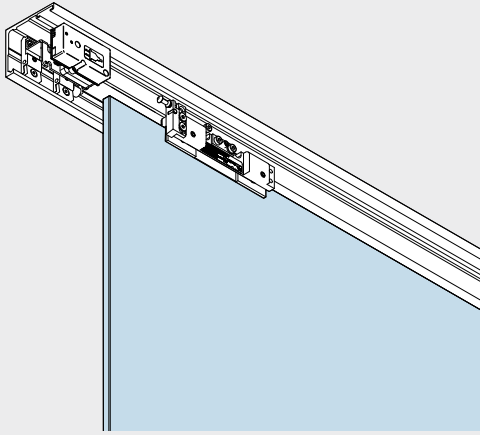
DORMOTION Comfort M, L, Premium XL (damping mechanism)

- Retrofittable in existing systems
(without the need for disassembly)

When using a DORMOTION damping unit,
we recommend installation of a pull handle.

Product description

Integrated lock



Integrated lock and status indicator

Integrated lock (only in conjunction with the DORMOTION damping mechanism)

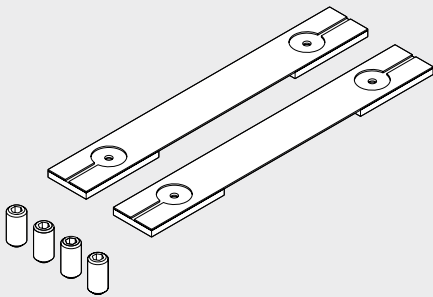
- Retrofittable (ensure compliance with profile dimensions)
- Battery-operated, alternatively also available as transformer version
- Not suitable as a security barrier
- Not suitable for outdoor facilities
- Applies to the following "Comfort" systems:
 - MUTO Comfort L
 - MUTO Premium XL
 - MUTO Premium XL Telescopic
 - MUTO Premium Self-Closing

Status indicator (only in conjunction with the DORMOTION damping mechanism)

- Cable entry required
- Not suitable for outdoor facilities
- Applies to the following "Comfort" systems:
 - MUTO Comfort L
 - MUTO Premium XL
 - MUTO Premium XL Telescopic
 - MUTO Premium Self-Closing

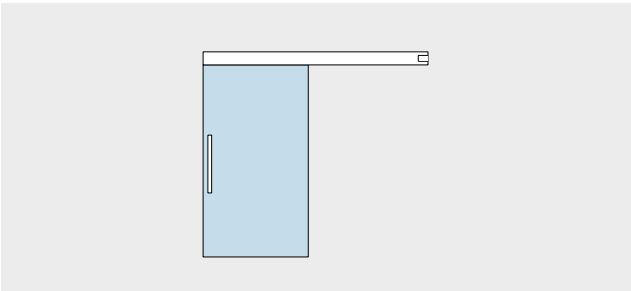
Secure hold for laminated safety glass without any mechanical glass preparation thanks to Clamp&Glue technology

- Easy retrofitting of the carriers with LSG accessory set
- No unwanted LSG phenomena:
 - No bubble formation
 - No laminate slippage
 - No glass fracture as a result of excessive clamping forces
 - No negative influence of temperature change (foil disappears)
- Applies to the following "Comfort" systems:
 - MUTO Comfort M
 - MUTO Comfort L
 - MUTO Premium XL
 - MUTO Premium XL Telescopic
 - MUTO Premium Self-Closing

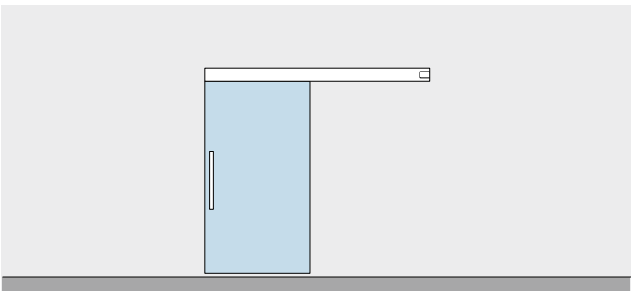


Installations

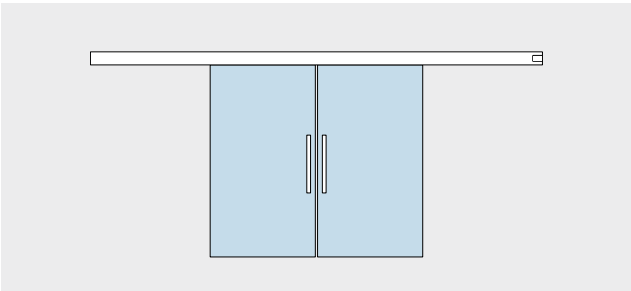
With one sliding panel



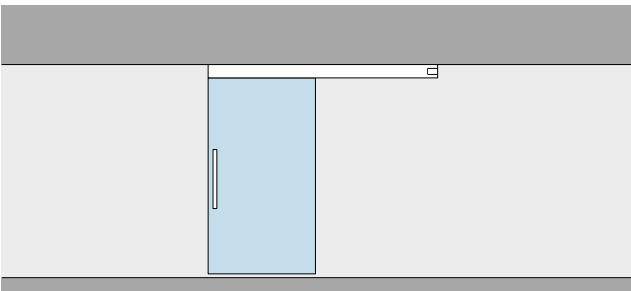
Fixed at wall



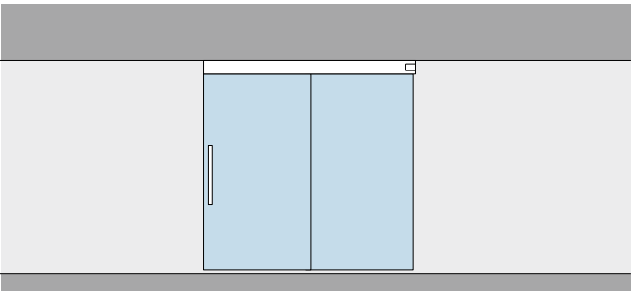
With two sliding panels



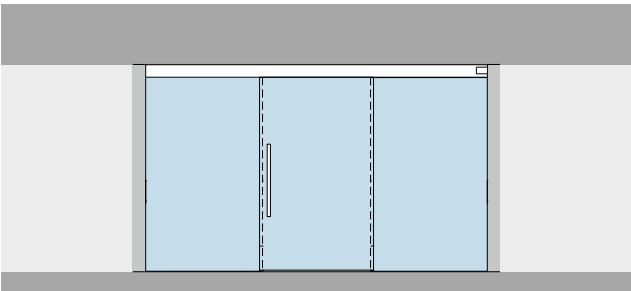
Fixed at ceiling



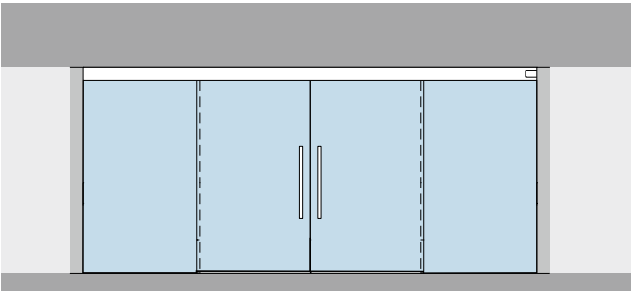
Fixed at transom with sidelight



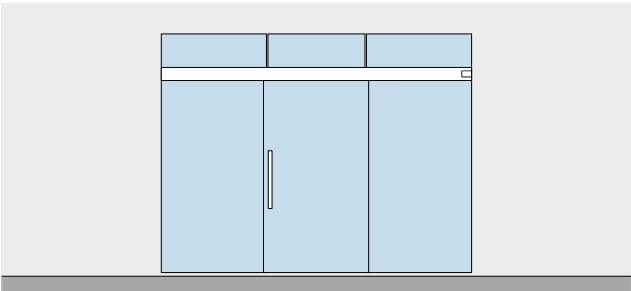
Fixed at transom with sidelight



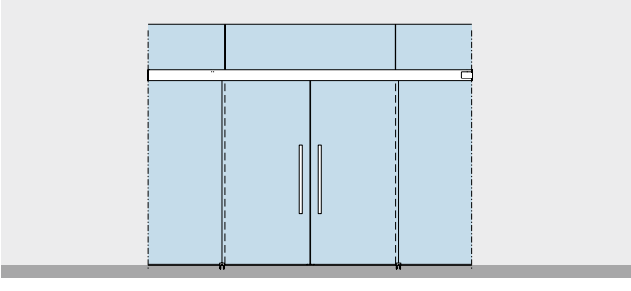
Fixed at ceiling with sidelights



Fixed at glass – with glass fanlight and glass sidelights

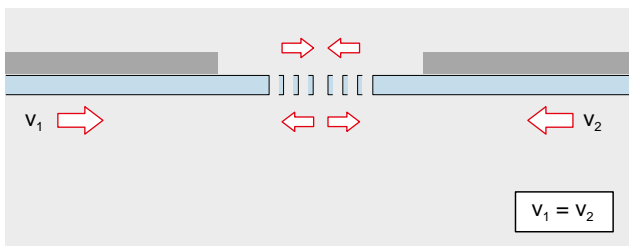
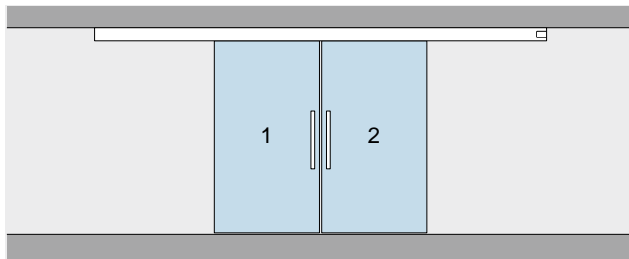


Fixed at glass – with glass fanlight and glass sidelights

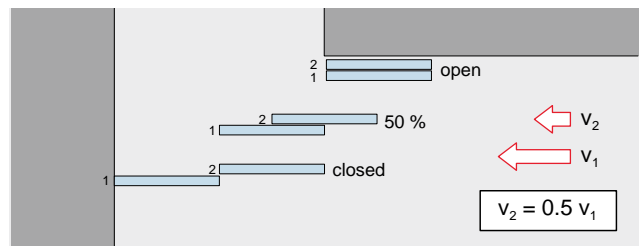
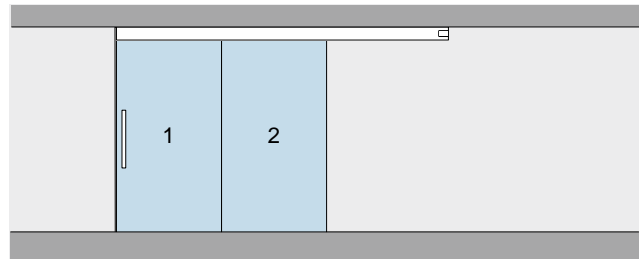


Functionalities

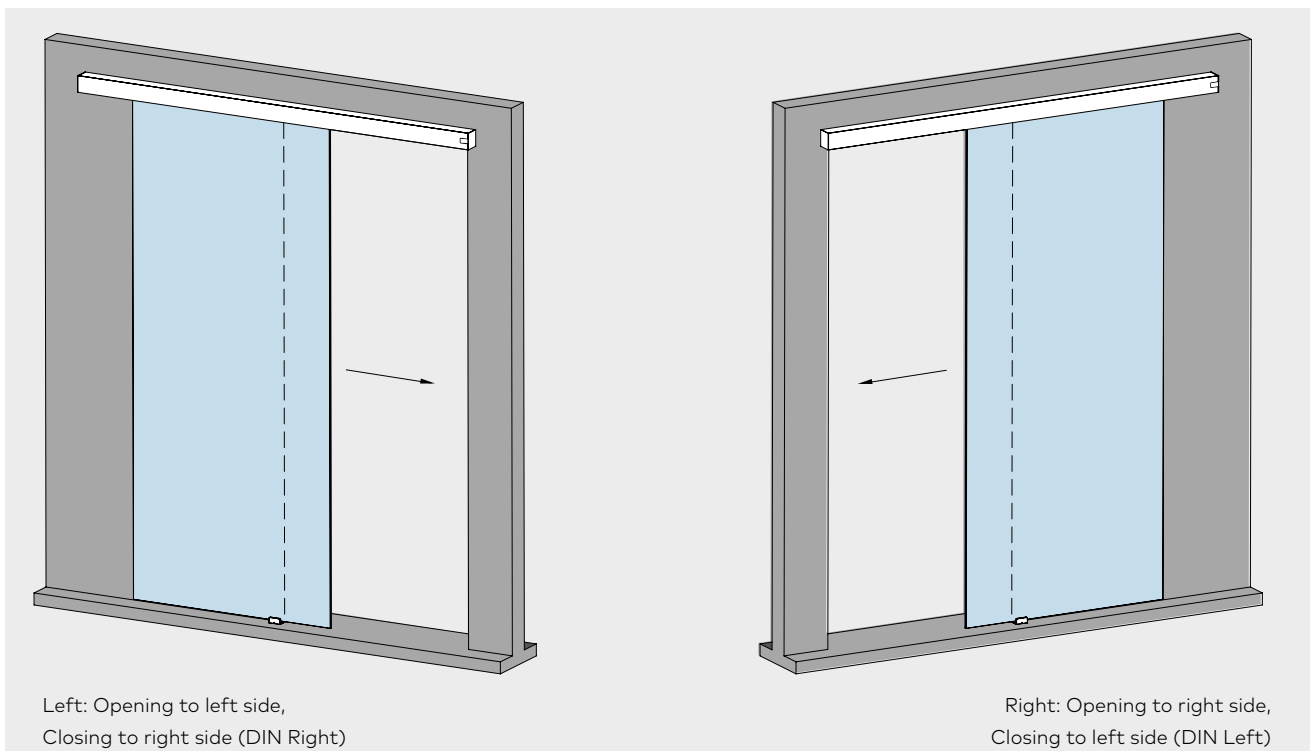
Synchro



Telescopic



Self-Closing/Telescopic



DIN requirements and test reports

The MUTO fittings are tested by the Prüfinstitut Schlosser und Beschläge (PIV) by the building authority recognised and accredited according to DIN ISO 17025. It is confirmed that the MUTO fittings comply with the corresponding DIN requirements and have thus been classified. We would be pleased to provide you with the test reports of the respective MUTO systems via our application engineering department as PDF documents.

PIV Prüfinstitut Schlosser und Beschläge Velbert
Wallstraße 41 D-42551 Velbert
Fon +49(0)2051/9506-5 Fax +49(0)2051/9506-69
info@piv-velbert.de www.piv-velbert.de

PRÜFZEUGNIS DIN EN 1527:2020-04
TEST CERTIFICATE Nr./ No. 62-2/20

Der Firma
We confirm, that the company

DORMA-Glas GmbH
Max-Planck-Straße 33
D-32107 Bad Salzuflen

wird bescheinigt, dass sie am
at the date of

23. September 2020



PIV Prüfinstitut Schlosser und Beschläge Velbert
Wallstraße 41 D-42551 Velbert
Fon +49(0)2051/9506-5 Fax +49(0)2051/9506-69
info@piv-velbert.de www.piv-velbert.de

PRÜFZEUGNIS DIN EN 1527:2020-04
TEST CERTIFICATE Nr./ No. 62-1/20

Der Firma
We confirm, that the company

DORMA-Glas GmbH
Max-Planck-Straße 33-45
D-32107 Bad Salzuflen

wird bescheinigt, dass sie am
at the date of

23. September 2020

die Anforderungen der DIN EN 1527
has met the requirements of DIN EN 1527

für das Produkt
for the product

MUTO Comfort L 80 DORMOTION

in der Ausführung
in the version

Schiebebeschlag/ Sliding hardware

entsprechend dem folgenden Klassifikationsschlüssel erfüllt hat:
that complies with the following classification key

Tür/ Tor- kategorie Door/ gate category	Tür/ Tor- maße Door/ gate mass	Größe der verwendeten Prüfriegel Size of the test sashes used	Korrosions- beständigkeit Corrosion resistance	Beständigkeit gegen Zuschlagen Resistance to slashing	Beständigkeit bei horizon- taler statischer Beanspruchungs- prüfung Resistance to horizontal static load test	Beständigkeit bei statischer Beanspruchungs- prüfung Resistance to static stress test	Zuverlässiger Halterwert der Anfangs- reibung- prüfung Minimum value of initial friction	Dauer- funktions- fähigkeit Durability test
1	2	2	3	3	3	1	3	6

Diesem Prüfzeugnis liegt der Prüfbericht Nr. 62-1/20 des PIV als Beurteilungsgrundlage zugrunde.
Die Gültigkeit des Prüfzeugnisses bleibt so lange erhalten, wie sich die Prüfgrundlage und / oder das
geprüfte Produkt nicht ändern.
Das Prüfzeugnis hat insgesamt 1 Seite.
This certificate is based on the evaluation of test report no. 62-1/20 by PIV.
The validity of the test certificate will persist as long as the testing-base and the products are not changed.
This test certificate has a total of 1 page.

D-42551 Velbert, 30. September 2020


A. Horsthemke (B.Eng.)
Institutsleiterin/ Director of Institute

 
S. Holz, Staatl. gepr. Techniker/
State-certified technical engineer
Prüfer/ Verifier

Dies ist eine Urkundenseite.
Teilweise Veröffentlichung oder veränderte Wiedergabe ist untersagt. Missachtung bedeutet Urkundenfälschung.
This is a document page. Partial publications or changes are forbidden. Disregard means document forgery.

Akkreditierte Prüfstelle nach DIN EN ISO/IEC 17025
Akkreditierte Zertifizierungsstelle nach DIN EN ISO/IEC 17065
Prüf-, Überwachungs- und Zertifizierungsstelle nach der EU-BauPVO
Überwachungs- und Zertifizierungsstelle nach Landesbauordnung (LBO)
RAL-Prüfstelle für Schlosser und Beschläge - DIN CERTCO anerkannte Prüfstelle

Institutionalisierung:
Andrea Horsthemke (B.Eng.)
Es gelten unsere
Geschäftsbedingungen.

 DAkkS
Deutsche
Akkreditierungsstelle
D-PL-11024-01-00

PIV Prüfinstitut Schlosser und Beschläge Velbert
Wallstraße 41 D-42551 Velbert
Fon +49(0)2051/9506-5 Fax +49(0)2051/9506-69
info@piv-velbert.de www.piv-velbert.de

PRÜFZEUGNIS DIN EN 1527:2020-04
TEST CERTIFICATE Nr./ No. 62-3/20

Der Firma
We confirm, that the company

DORMA-Glas GmbH
Max-Planck-Straße 33-45
D-32107 Bad Salzuflen

wird bescheinigt, dass sie am
at the date of

23. September 2020

erfüllt die Anforderungen der DIN EN 1527
fulfills the requirements of DIN EN 1527

MUTO Premium XL 80/150 DORMOTION

Schiebebeschlag/ Sliding hardware

entsprechend dem folgenden Klassifikationsschlüssel erfüllt hat:
classification key

Größe der verwendeten Prüfriegel Size of the test sashes used	Korrosions- beständigkeit Corrosion resistance	Beständigkeit gegen Zuschlagen Resistance to slashing	Beständigkeit bei horizon- taler statischer Beanspruchungs- prüfung Resistance to horizontal static load test	Beständigkeit bei statischer Beanspruchungs- prüfung Resistance to static stress test	Zuverlässiger Halterwert der Anfangs- reibung- prüfung Minimum value of initial friction	Dauer- funktions- fähigkeit Durability test
4	3	3	3	1	3	6

Der Prüfbericht Nr. 62-3/20 des PIV als Beurteilungsgrundlage zugrunde.
Das Prüfzeugnis bleibt so lange erhalten, wie sich die Prüfgrundlage und / oder das
geprüfte Produkt nicht ändern.
Das Prüfzeugnis hat insgesamt 1 Seite.
This certificate is based on the evaluation of test report no. 62-3/20 by PIV.
The validity of the test certificate will persist as long as the testing-base and the products are not changed.
This test certificate has a total of 1 page.

September 2020

 
S. Holz, Staatl. gepr. Techniker/
State-certified technical engineer
Prüfer/ Verifier

Veränderte Wiedergabe ist untersagt. Missachtung bedeutet Urkundenfälschung.
Changes or alterations are forbidden. Disregard means document forgery.

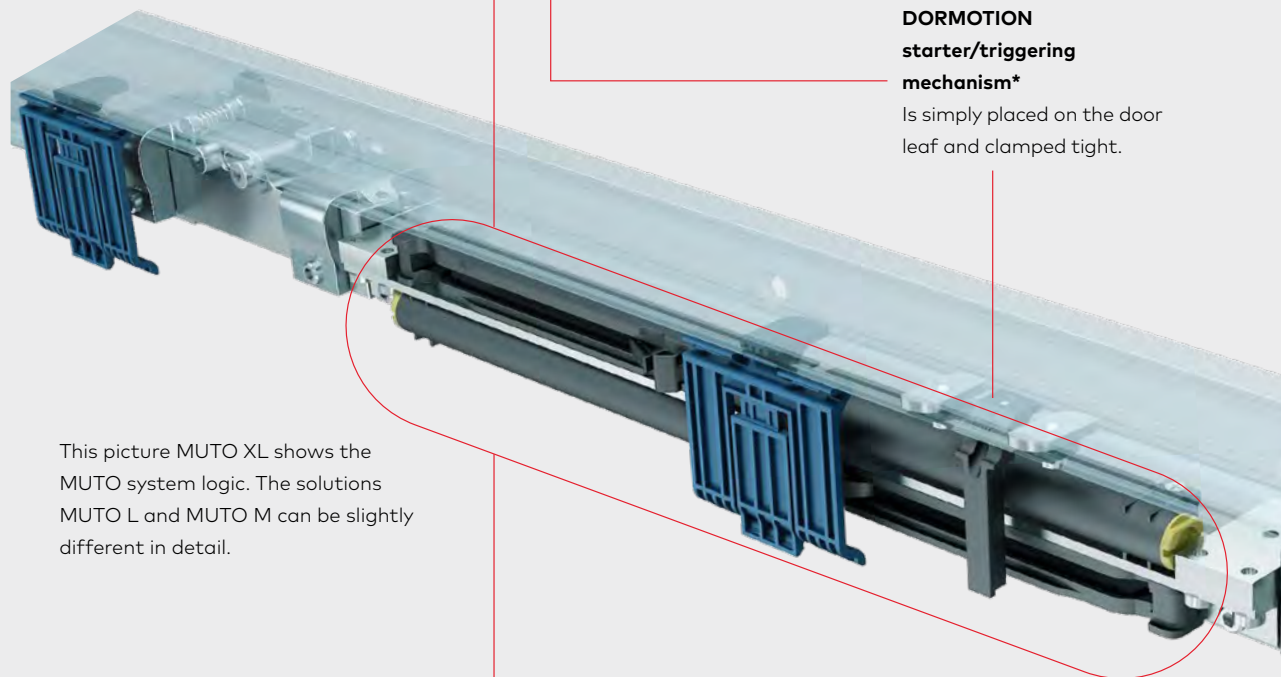
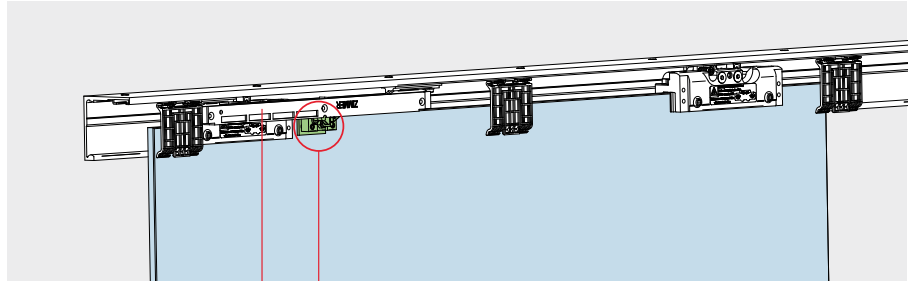
ISO/IEC 17025
DIN EN ISO/IEC 17065
Prüfstelle nach der EU-BauPVO
Prüfstelle nach Landesbauordnung (LBO)
RAL-Prüfstelle für Schlosser und Beschläge - DIN CERTCO anerkannte Prüfstelle

Institutionalisierung:
Andrea Horsthemke (B.Eng.)
Es gelten unsere
Geschäftsbedingungen.

 DAkkS
Deutsche
Akkreditierungsstelle
D-PL-11024-01-00

The manual sliding door system offering fast, effortless installation

MUTO – easy installation and adjustability from the front.



This picture MUTO XL shows the MUTO system logic. The solutions MUTO L and MUTO M can be slightly different in detail.

DORMOTION starter/triggering mechanism*

Is simply placed on the door leaf and clamped tight.

DORMOTION*

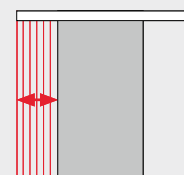
Is inserted into a separate channel in the track and fixed by means of a fixing screw. The damping unit is retrofittable and can also be installed on existing panels in situ. When using a DORMOTION damping unit, we recommend installation of a pull handle.

LSG certified.

Transparent safety.

Laminated safety glass can be installed as part of the MUTO system.

The certification confirms its high-grade quality.



MUTO – Installation M, L, XL, SC, Telescopic

Benefits at a glance

- All adjustments can be quickly and easily performed from the front
- Certified use of laminated safety glass
- Suitable for glass and timber panels

***Note:** The highlighted area on the left does not yet correspond to the current development status. The design and position of the DORMOTION unit have been changed - for even easier installation and adjustment! Please refer to the illustration above or feel free to contact us.

Anti-jump (anti-thrust) protection

Easy activation of the anti-jump (anti-thrust) protection.

Mounting the cover profile (retaining insert)

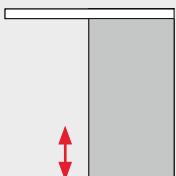
In order to fit the cover profile, simply insert the retainer in the separate channel in the track and rotate to fix.

End stops

Easy end stop insertion through the use of clamps.

Height adjustment

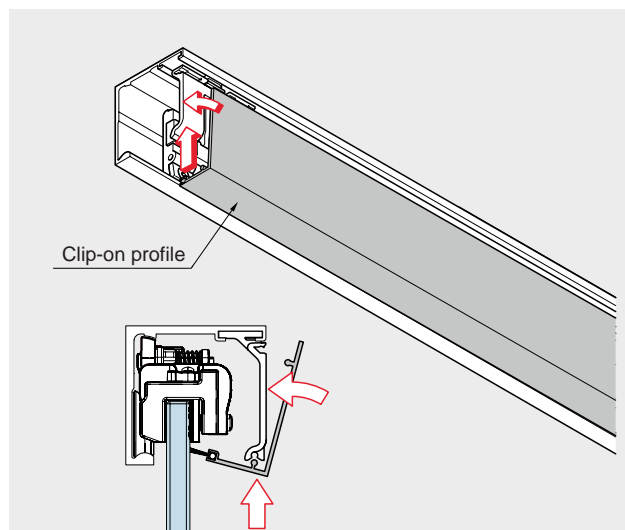
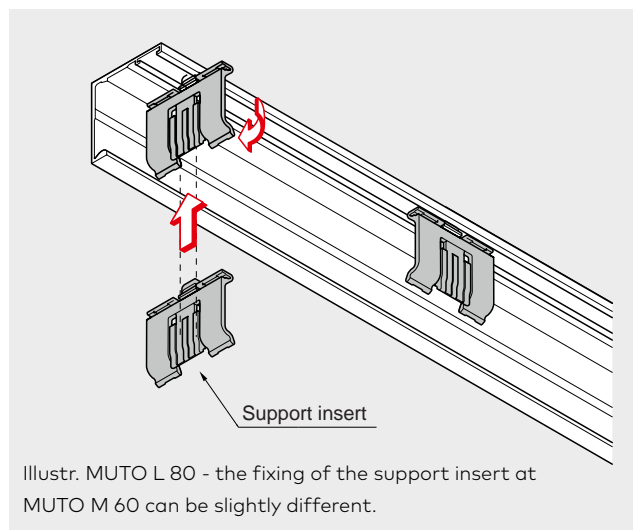
Easy height adjustment of the door leaf by +/-5 mm can be performed at any time.* For this, loosen the fixing screws and rotate the threaded pin as required.



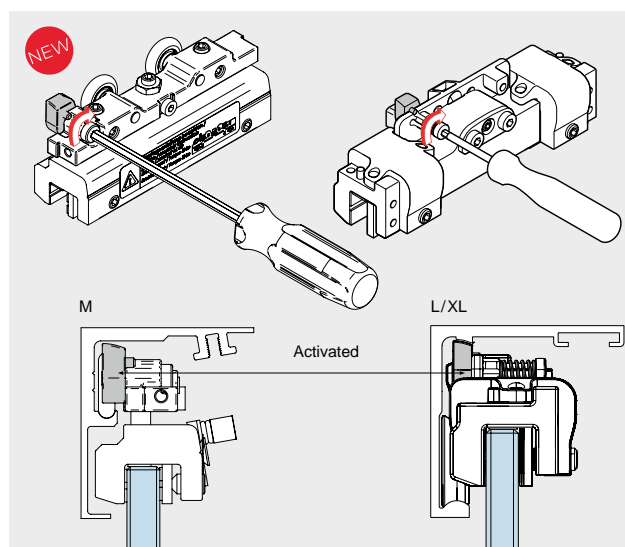
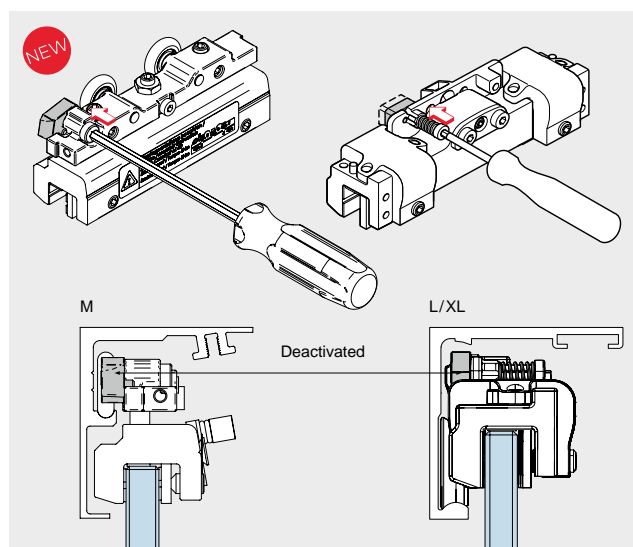
*Depending on system

Advantages at installation

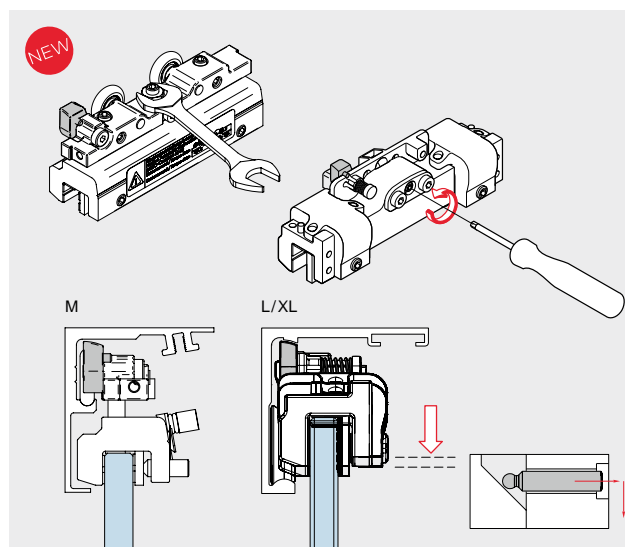
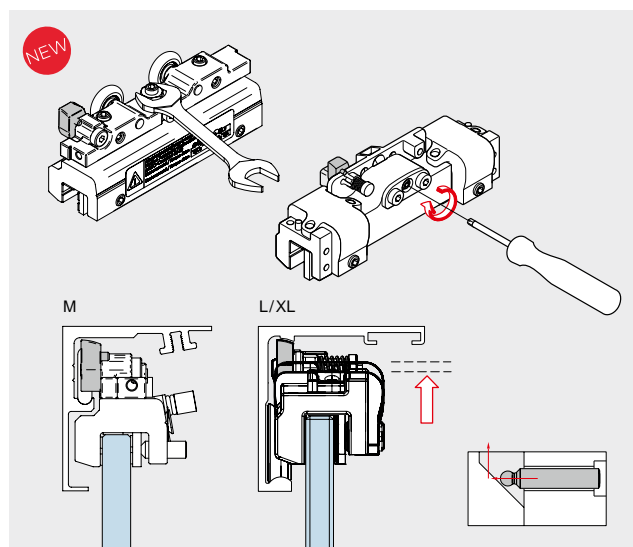
Cover profile



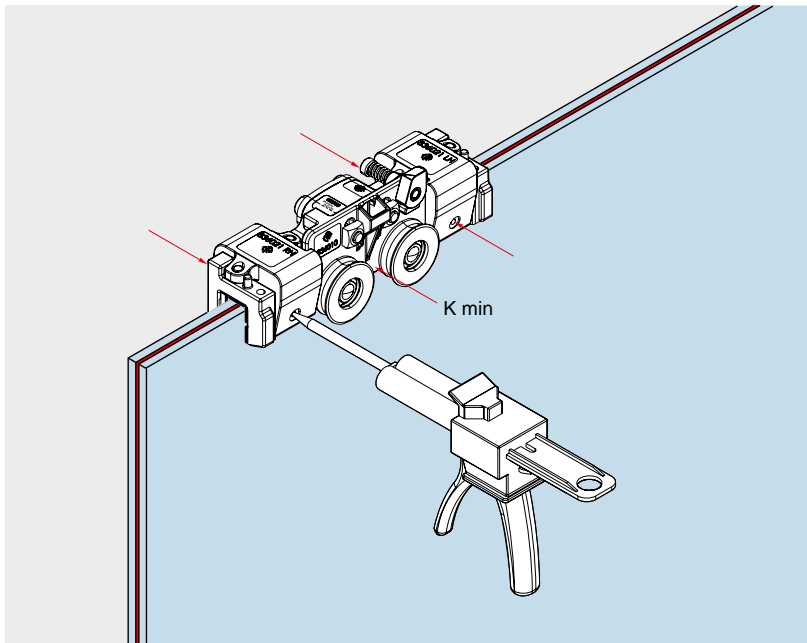
Anti-jump device – carriers: MUTO Comfort M, L, Premium XL, Self-Closing and Telescopic



Height adjustment – carriers: MUTO Comfort M, L, Premium XL, Self-Closing and Telescopic



Clamp&Glue technology

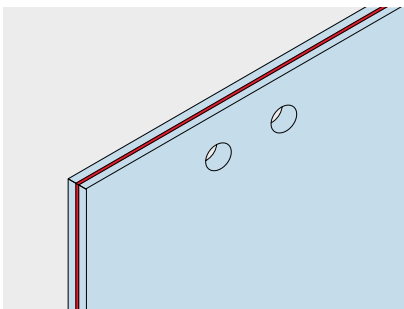


dormakaba Clamp&Glue technology provides the possibility to keep the advantages and – at the same time – to eliminate the potential issues of laminated safety glass. The solution for secure hold of the glass panel only needs a minimum of clamping force at the fittings, without any glass preparation.

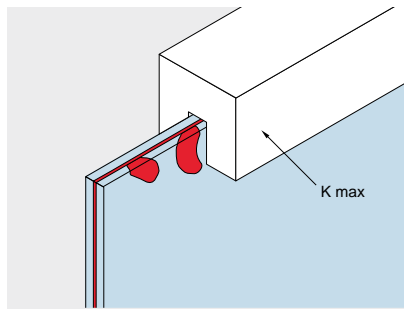
- Carrier sets readily convertible to LSG – make sure you specifically order LSG accessory sets
- High level of safety
- Easy installation
- Improved smoothness of operation
- Integration of sound protection laminate
- Decorative laminates
- Residual load-bearing capacity

MUTO: the following negative phenomena are eliminated with LSG

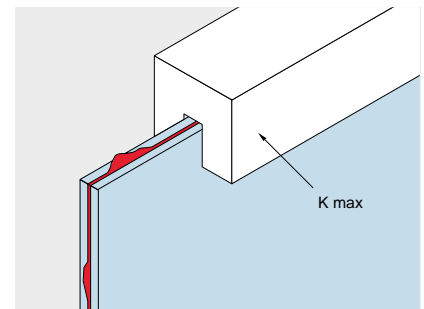
Glass preparation



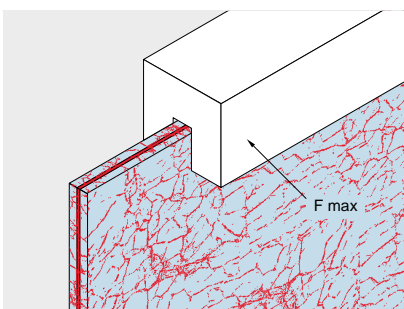
Blister



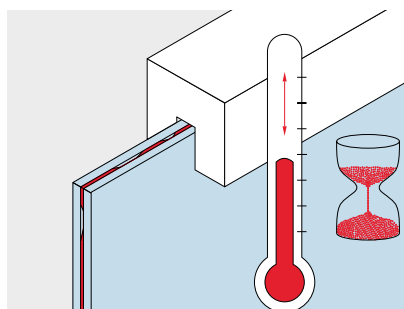
Extrusion of interlayer



Glass crack



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


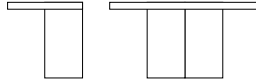



MUTO


Ideal for glass panels –
also optional for timber panels


Much Comfort:

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

			
	MUTO Comfort M 60	MUTO Comfort L 80	MUTO Premium XL 80
Track dimensions: Track	W ≤ 55 mm H ≤ 58 mm	W ≤ 71 mm H ≤ 58 mm	W ≤ 72 mm H ≤ 69 mm
Track dimensions: Track incl. Side panel	W = 74 mm	W = 90 mm	W = 91 mm
Track dimensions: Track + Cover profile	W ≤ 55 mm H ≤ 58 mm	W ≤ 71 mm H ≤ 58 mm	W ≤ 72 mm H ≤ 69 mm
Basic description			
Max. gap to wall (glass door)	14 mm	17 mm	20 mm
Max. gap to wall (timber door, thickness ≤ 30mm)	7 mm	7 mm	7 mm
Glass thickness	8 – 12 mm	8 – 13.5 mm	8 – 13.5 mm
Installations	Wall, ceiling	Wall, ceiling, glass	Wall, ceiling, glass
Max. door height	≤ 2,500 mm	≤ 3,000 mm	≤ 3,000 mm
Max. door width	1.300 mm	1.500 mm (max. 2.000 mm)**	1.500 mm (max. 2.500 mm)**
Door height adjustment	+ 4 mm / – 2 mm	+ 5 mm / – 3 mm	+ / – 5 mm
Corrosion EN 1670	Class 2	Class 4	Class 4
Door cycles	≤ 50,000	≥ 100,000	≥ 200,000
DIN EN 1527	●	●	●
Max. door weight/single door	60 kg	80 kg	80 kg
Max. door weight/double door	–	2 x 80 kg	2 x 80 kg
Prepared for timber	●	●	●
Glass type	TSG / LSG*	TSG / LSG*	TSG / LSG*
Functionalities			
Adjustable from the front	●	●	●
DORMOTION	No glass preparation	No glass preparation	No glass preparation
Synchro version	–	○	○
Status indicator	–	○	○
Concealed EM locking	–	○ ²⁾	○ ²⁾
Self-Closing	–	–	–

 1 door panel

 2 door panels
with Synchro

 2 door panels
without Synchro

● yes – no ○ optional

* LSG from 2 x TSG (min. 2 x 5 mm).

** For panel widths from 1,500 mm we recommend the use of an underfloor floor guide profile.

The glass dimensions may vary due to the method of fixing and installation, glass tolerances or general usage.

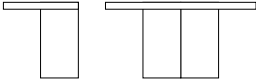
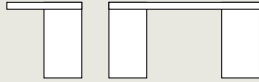
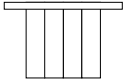
The use of clamp fittings on structured glass surfaces (with the exception of satinised glass) or glass with large variations in glass thickness is only permitted with the application of a levelling layer.

1) Max. travel 1,450 mm

2) In combination with Synchro not possible

Variants

- Self-Closing
- 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 panels ≤ 60 kg up to 150 kg

 MUTO Premium XL 150	 MUTO Premium Self-Closing 120	 MUTO Premium Telescopic 80
W ≤ 72 mm H ≤ 69 mm	W ≤ 100 mm H ≤ 69 mm	W ≤ 124 mm H ≤ 69 mm
W = 91 mm	W = 119 mm	W = 146 mm
W ≤ 72 mm H ≤ 69 mm	W ≤ 100 mm H ≤ 69 mm	W ≤ 127 mm H ≤ 69 mm
20 mm	20 mm	17 mm / 52 mm
7 mm	7 mm	7 mm
8 – 13.5 mm	8 – 13.5 mm	8 – 13.5 mm
Wall, ceiling, glass	Wall, ceiling, glass	Wall, ceiling, glass
$\leq 3,000$ mm	$\leq 3,000$ mm	$\leq 3,000$ mm
1,500 mm (max. 2,000 mm)	see from page 92	1,200 / 1,000 mm (2x/4x)
+ / – 5 mm	+ / – 5 mm	+ 5 mm / – 3 mm
Class 4	Class 4	Class 4
$\geq 200,000$	$\geq 200,000$	$\geq 200,000$
●	●	●
150 kg	120 kg	2 x 80 kg
2 x 150 kg	2 x 120 kg	4 x 80 kg
●	●	●
TSG / LSG*	TSG / LSG*	TSG / LSG*
●	●	●
No glass preparation	No glass preparation	No glass preparation
–	–	–
○	○	○
○	○	○
–	●	–



2 door panels, Telescopic

Further information on MUTO Premium Telescopic 80 can be found in the Compendium.

MUTO

Explanation of
product names

Profile dimensions

M = 55 x 58 mm

Max. door weight

60 kg

Profile dimensions

L = 71 x 58 mm

Max. door weight

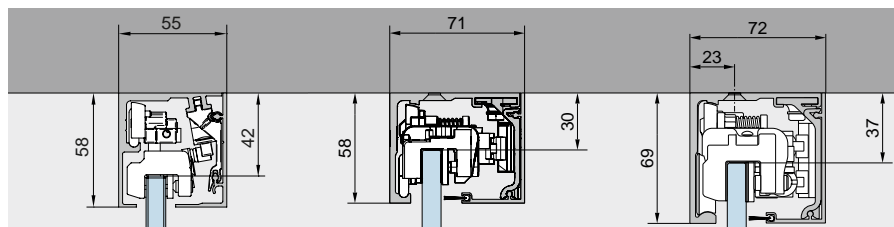
80 kg

Profile dimensions

XL = 72 x 69 mm

Max. door weight

80 kg



	MUTO M 60	MUTO L 80	MUTO Premium XL 80
DORMOTION	Optional	Optional	Yes
max. Sliding panel weight	60 kg	80 kg	80 kg
Movement cycles	≥ 50,000	≥ 100,000	≥ 200,000
Glass thickness sliding panel	8 – 12 mm	8 – 13.5 mm	8 – 13.5 mm
Height adjustment	+ 4 mm / – 2 mm	+ 5 mm / – 3 mm	+/- 5 mm
Material thickness (Timber)	28 – 50 mm	28 – 50 mm	28 – 50 mm
max. Sliding panel height [GH][TH]	2,500 mm	3,000 mm	3,000 mm
Mounting type	Wall, ceiling	Wall, ceiling, glass	Wall, ceiling, glass
Single panel			
Clear opening width [LW] min. – max.	540 – 1,240 mm	600 – 1,440 mm	600 – 2,440 mm
Panel width [A]	LW + 60 mm	LW + 60 mm	LW + 60 mm
Panel width [A] min. – max. (incl. DORMOTION / with retrofittable lock/status indicator)	600 – 1,300 mm* no lock/ status indicator	660 – 1,500 mm (max. 2,000 mm*)	660 ¹⁾ – 1,500 mm (max. 2,500 mm*)
Length of track wall/ceiling	2 x A	2 x A	2 x A
Length of track [B] at glass	–	2 x A + 67 mm	2 x A + 67 mm
Double panel			
Clear width [LW] min. – max.	–	1,266 – 2,446 mm	1,566 – 2,890 mm
Panel width [A]	–	LW / 2 + 27 mm	LW / 2 + 27 mm
Panel width [A] min. – max.	–	660 – 1,250 mm	810 – 1,470 mm
Length of track [B] wall/ceiling	–	4 x A – 44 mm	4 x A – 44 mm
Length of track [B] at glass	–	4 x A + 12 mm	4 x A + 12 mm

¹⁾ After consultation of our Application Engineering Department: lower panel dimensions incl. DORMOTION are possible.
More under "Tips and Tricks" on page 171

Profile dimensions

XL = 72 x 69 mm

Max. door weight

150 kg

Profile dimensions

Self-Closing = 100 x 69 mm

Max. door weight

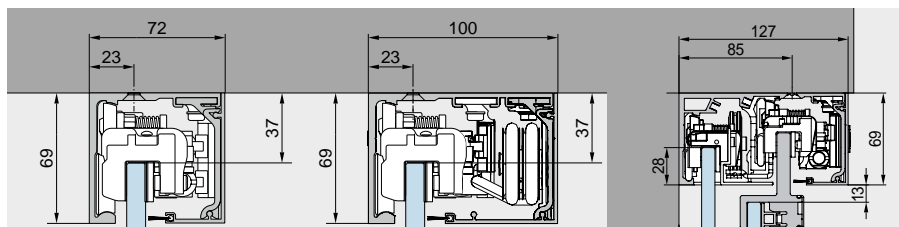
120 kg

Profile dimensions

M = 127 x 69

Max. door weight

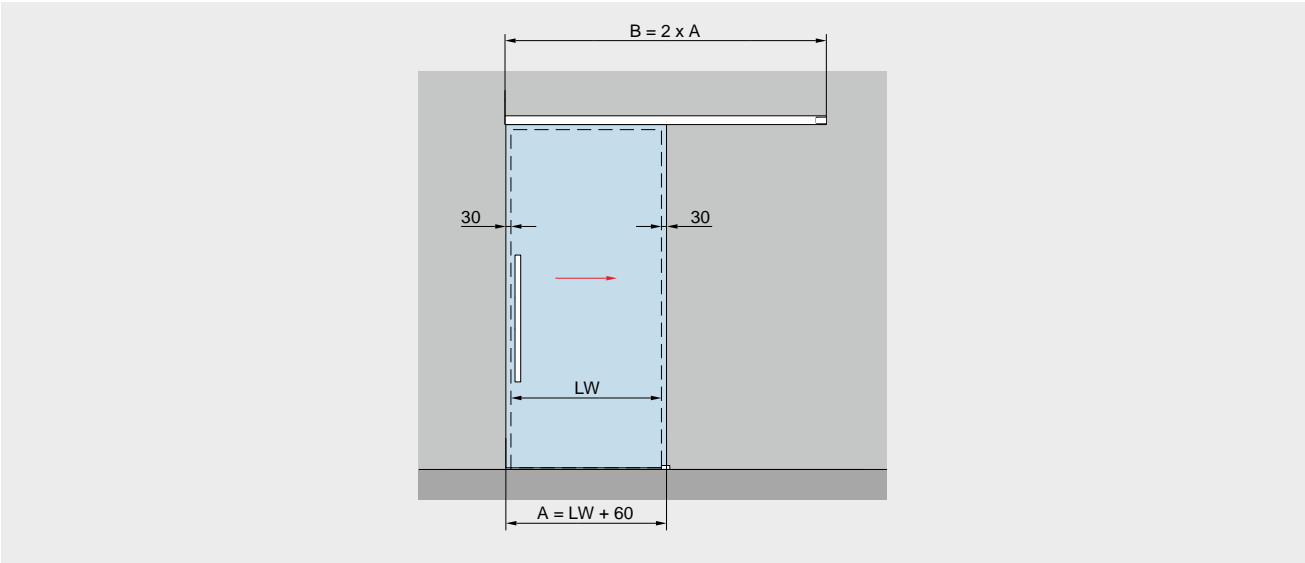
2 x 80 Kg

**Art. No.** 8.36. xxx **xxx** .99Alu Silver **150**Alu Niro Dark **157**Alu White **350**Alu Special anodised **199**Alu Special colour **399**

MUTO Premium XL 150	MUTO Premium Self-Closing 120	MUTO Premium Telescopic 80
Yes	Yes	Optional
150 kg	120 kg	2 x 80 kg
≥ 200,000	≥ 200,000	≥ 200,000
8 – 13.5 mm	8 – 13.5 mm	8 – 13.5 mm
+/- 5 mm	+/- 5 mm	+ 5 mm / - 3 mm
28 – 50 mm	28 – 50 mm	28 – 50 mm
3,000 mm	3,000 mm	3,000 mm
Wall, ceiling, glass	Wall, ceiling, glass	Wall, ceiling, glass
600 – 2,440 mm	790 – 1,440 mm	see page 88
LW + 60 mm	LW + 60 mm	see from page 92 onwards
660 ¹⁾ – 1.500 mm (max. 2.500 mm*)	–	see page 88
2 x A	2 x A	see from page 92 onwards
2 x A + 67 mm	2 x A + 67 mm	see from page 92 onwards
1,986 – 2,890 mm	1,606 – 2,890 mm	see page 92
LW / 2 + 27 mm	LW / 2 + 27 mm	see from page 92 onwards
1,020 – 1,470 mm	830 – 1,470 mm	see page 92
4 x A – 44 mm	4 x A – 44 mm	see from page 94 onwards
4 x A + 12 mm	4 x A + 12 mm	see from page 97 onwards

* For panel widths of 1,500 mm and more, we recommend the use of an underfloor floor guide profile. The glass dimensions may vary due to the following features: type of installation, glass tolerances, general use More under "Tips and Tricks" on page 171

Type illustrations wall installation



Fixed at wall	Product description	Glass thickness
A detailed cross-sectional diagram of the door assembly. It shows the internal components, including the roller and track. Dimensions are labeled: 55 (track width), 58 (total height), 39 (height to roller), 16 (roller height), 14 (offset), Y (roller offset), LH (clear opening height), GH1 (total glass height), t1 (glass thickness), and 10 +/-2 (bottom offset).	<p>For installation with one door panel</p> <p>Max. weight of door panels 60 kg</p> <p>Calculation of glass height $GH1 = LH + X + 6 \text{ mm}$ max. 2,500 mm</p> <p>Calculation of glass width $A = LW + 60 \text{ mm}$ min. 600 mm (after consultation: min. 400 mm possible) max. 1,300 mm min. 600 mm with DORMOTION (after consultation: min. 550 mm possible) max. 1,300 mm</p>	8 – 12 mm

- A = Glass width

B = Length of track

GH1 = Glass height sliding door

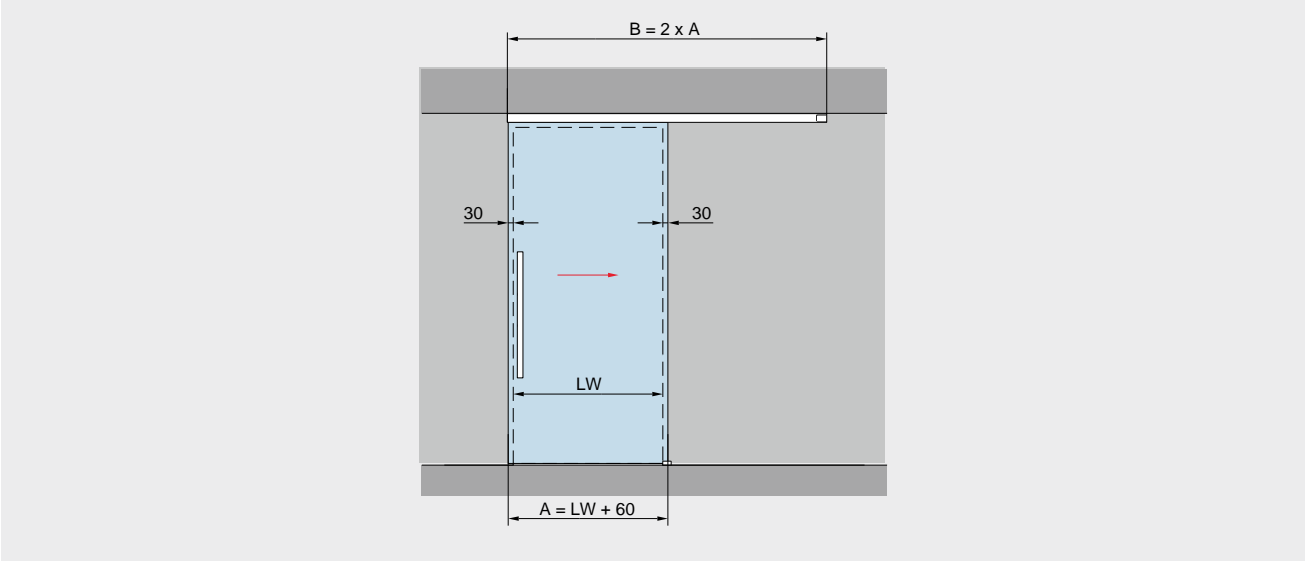
LH = Clear opening height

LW = Clear opening width
- t1 = Glass thickness sliding door

Y = 55 mm – (14 mm + t1)

X = Freely selectable protrusion
(depending on structural conditions)

Type illustrations ceiling installation

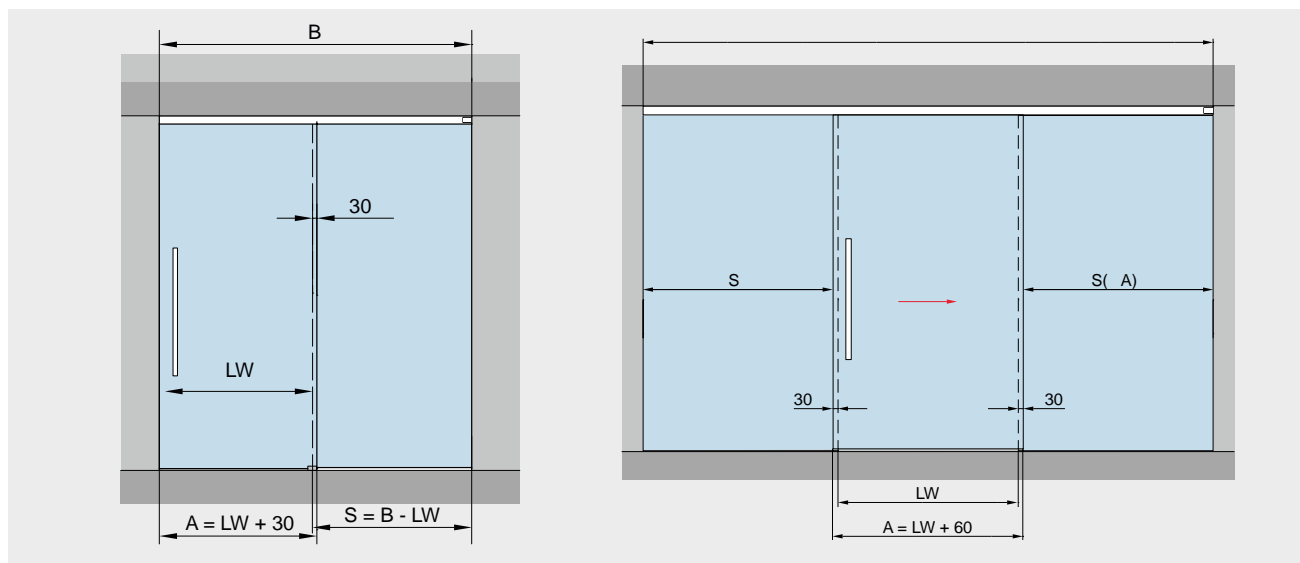


Fixed at ceiling	Product description	Glass thickness
A detailed technical diagram of the 'Fixed at ceiling' installation. It shows a cross-section of the door assembly. Key dimensions include: 55 (top track width), 18 (top track offset), 58 (top track height), 42 (top track offset), 14 (bottom track offset), Y (bottom track width), LH (total height), GH1 = LH - 52 (glass height), 10 + 4/2 (bottom track offset), and t1 (glass thickness). The diagram shows the door panel (blue) and the ceiling track (grey).	<p>For installation with one door panel</p> <p>Max. weight of door panels 60 kg</p> <p>Calculation of glass height GH1 = H - 52 mm max. 2,500 mm</p> <p>Calculation of glass width A = LW + 60 mm min. 600 mm (after consultation: min. 400 mm possible) max. 1,300 mm min. 600 mm with DORMOTION (after consultation: min. 550 mm possible) max. 1,300 mm with DORMOTION</p>	8 – 12 mm

A = Glass width
B = Length of track
GH1 = Glass height sliding door
LH = Clear opening height

LW = Clear opening width
t1 = Glass thickness sliding door
Y = 55 mm - (14 mm + t1)

Type illustrations with side panel

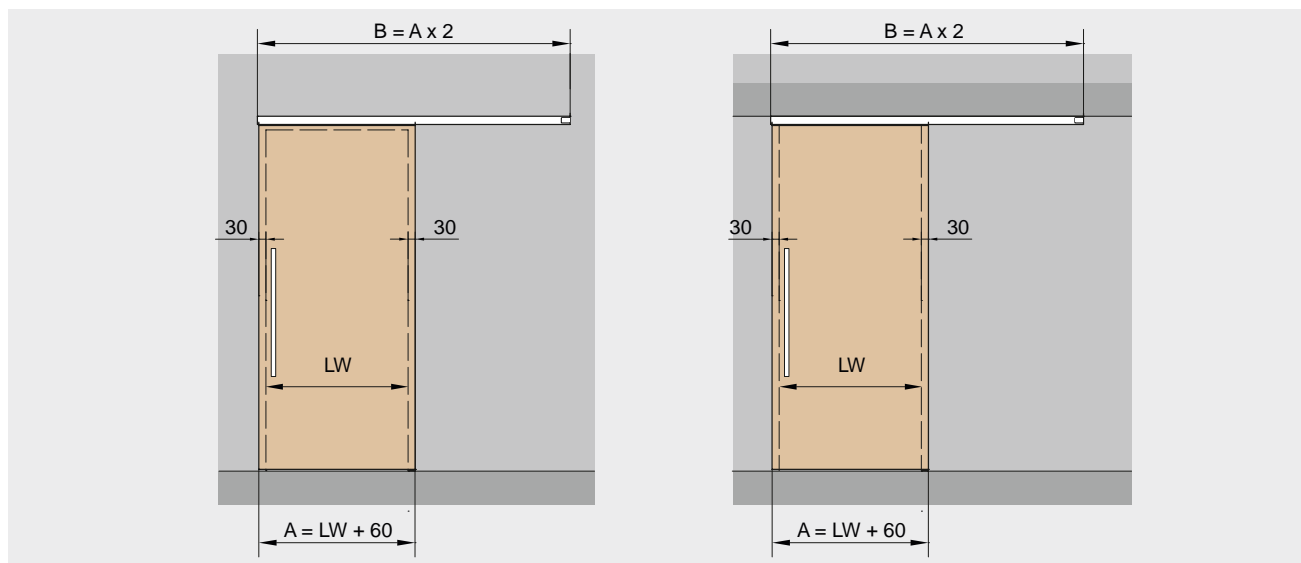


Fixed at ceiling	Product description	Glass thickness
	<p>For installation with one door panel</p> <p>Max. weight of door panels 60 kg</p> <p>Calculation of glass height $GH1 = LH - 52$ $GH2 = LH - 51$ max. 2,500 mm</p> <p>Calculation of glass width $A = LW + 30 \text{ mm}$ min. 600 mm (after consultation: min. 400 mm possible) max. 1,300 mm min. 600 mm with DORMOTION (after consultation: min. 550 mm possible) max. 1,300 mm</p>	8 – 12 mm

A = Glass width
B = Length of track
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
t2 = Glass thickness sidelight
Y = 55 mm - (14 mm + t1)

Type illustrations for timber door applications

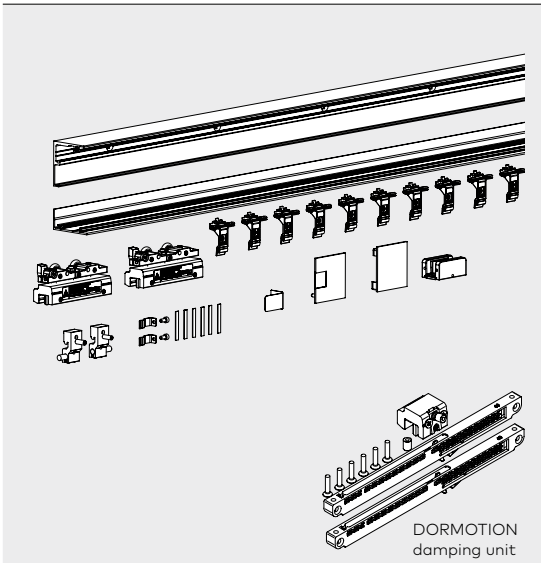
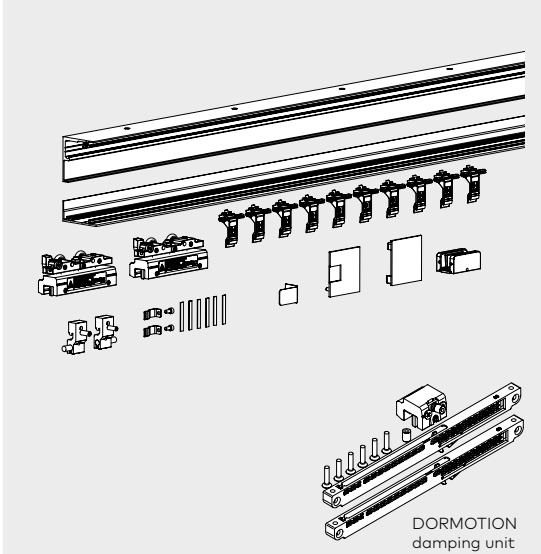


Fixed at wall	Fixed at ceiling	Product description	Wood thickness
		<p>For installation with one door panel</p> <p>Max. weight of door panels 60 kg</p> <p>Calculation of door height fixed at wall $TH = LH + X - 17$ max. 2,500 mm</p> <p>Calculation of door height fixed at ceiling $TH = LH - 75$ max. 2,500 mm</p> <p>Calculation of door width $A = LW + 60 \text{ mm}$ min. 600 mm (after consultation: min. 400 mm possible) max. 1,300 mm min. 600 mm with DORMOTION (after consultation: min. 550 mm possible) max. 1,300 mm</p>	28 – 50 mm

* Timber door 100 mm solid wood for connection at timber adapter

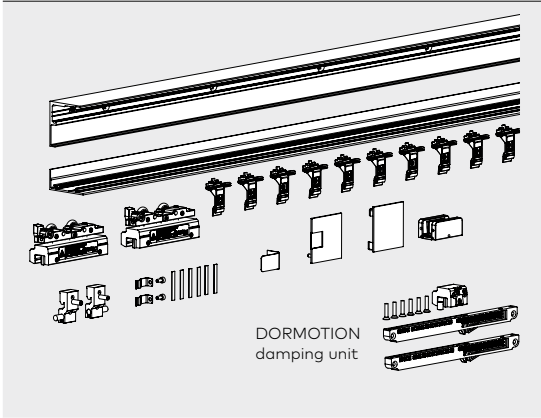
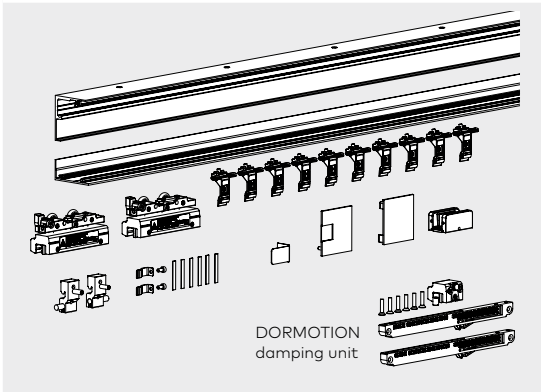
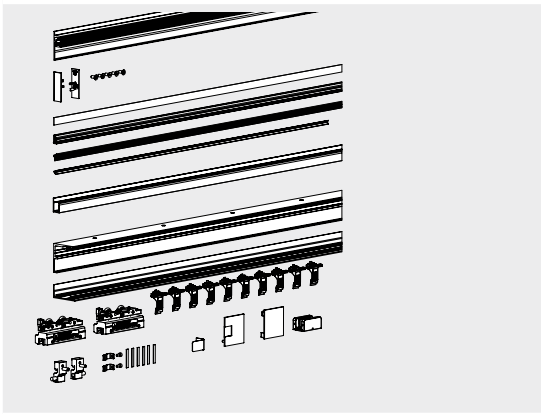
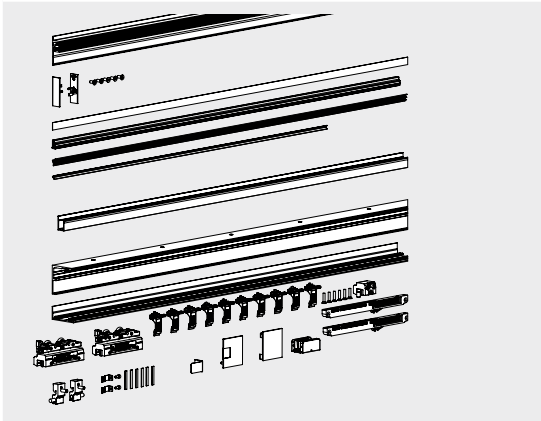
A	=	Timber door width	TH	=	Door height
B	=	Length of track	U	=	Wood thickness
LH	=	Clear opening height	X	=	Freely selectable protrusion (depending on structural conditions)
LW	=	Clear opening width			

Complete sets - defined lengths

	Product description	Panel width	Profile length	Glass thickness	Art. No.
	MUTO Comfort M 60 Set prepared for DORMOTION wall installation incl. track profile, cover profile, accessory set, end caps	950 1,200	1,900 2,400	8 – 12 mm 8 – 12 mm	36.670 36.671
	MUTO Comfort M 60 Set incl. DORMOTION* wall installation incl. track profile, cover profile, accessory set, end caps	950 1,200	1,900 2,400	8 – 12 mm 8 – 12 mm	36.676 36.677
	max. 60 kg				
	DORMOTION damping unit				
	MUTO Comfort M 60 Set prepared for DORMOTION ceiling installation incl. track profile, cover profile, accessory set, end caps	950 1,200	1,900 2,400	8 – 12 mm 8 – 12 mm	36.672 36.673
	MUTO Comfort M 60 Set incl. DORMOTION* ceiling installation incl. track profile, cover profile, accessory set, end caps	950 1,200	1,900 2,400	8 – 12 mm 8 – 12 mm	36.678 36.679
	max. 60 kg				
	DORMOTION damping unit				

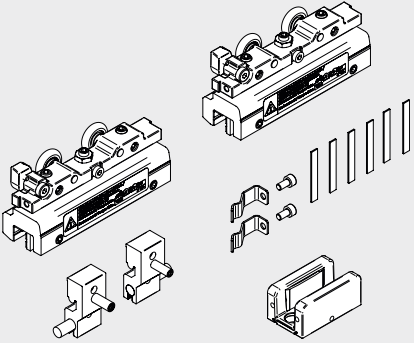
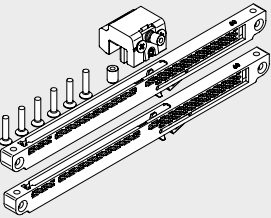
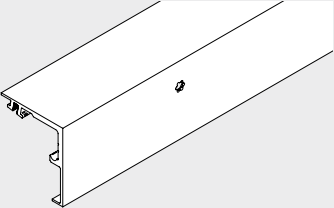
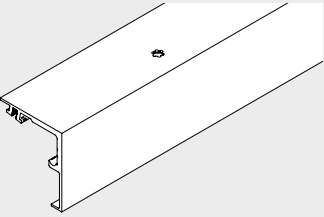
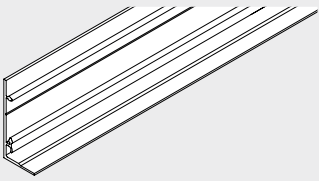
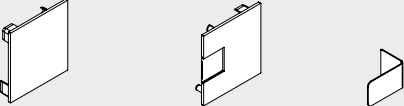
*When using a DORMOTION damping unit, we recommend installation of a pull handle.

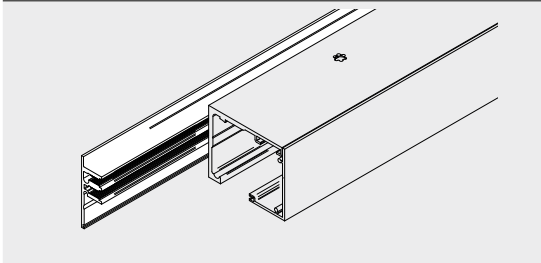
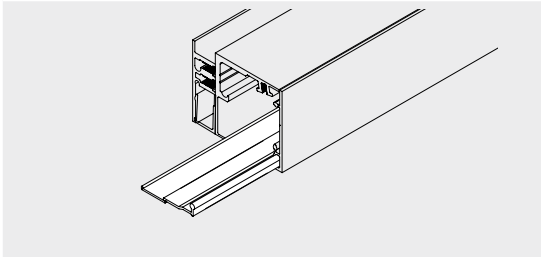
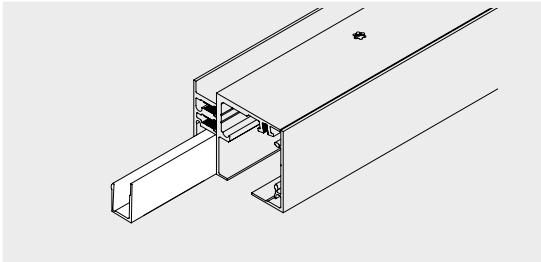
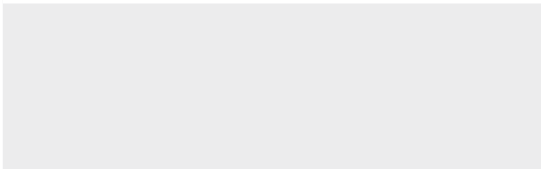
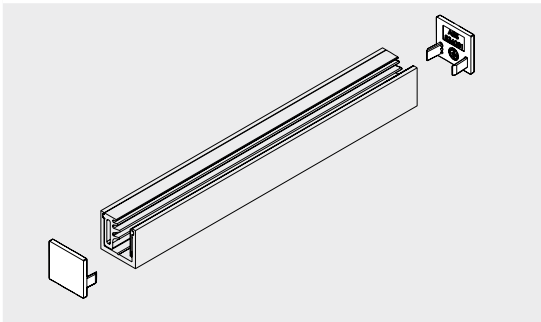
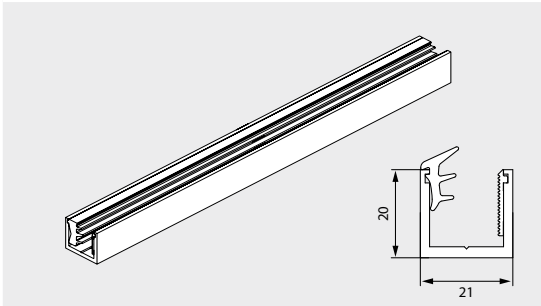
Complete sets - individual lengths

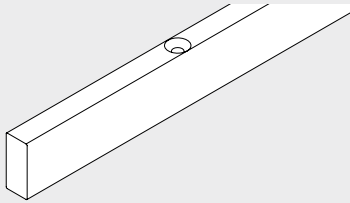
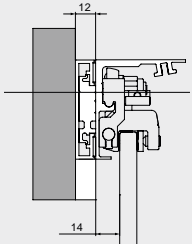
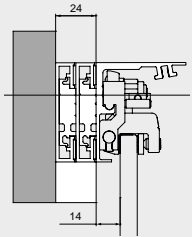
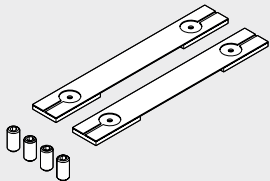
	Product description	Glass thickness	Art. No.
	MUTO Comfort M 60 Set prepared for DORMOTION wall installation individual profile length up to max. 5,940 mm incl. track profile, cover profile, accessory set, end cap	8 – 12 mm	36.674
	MUTO Comfort M 60 Set incl. DORMOTION* wall installation individual profile length up to max. 5,940 mm incl. track profile, cover profile, accessory set, end cap max. 60 kg	8 – 12 mm	36.680
	MUTO Comfort M 60 Set prepared for DORMOTION ceiling installation individual profile length up to max. 5,940 mm incl. track profile, cover profile, accessory set, end cap	8 – 12 mm	36.675
	MUTO Comfort M 60 Set incl. DORMOTION* wall installation individual profile length up to max. 5,940 mm incl. track profile, cover profile, accessory set, end cap max. 60 kg	8 – 12 mm	36.681
	MUTO Comfort M 60 Set prepared for DORMOTION ceiling installation with sidelight individual profile length up to max. 5,940 mm incl. track profile, cover and sidelight profile, filling profile, accessory set, end cap, view protection profile must be ordered separately max. 60 kg	8 – 12 mm	36.682
	MUTO Comfort M 60 Set incl. DORMOTION* ceiling installation with sidelight individual profile length up to max. 5,940 mm incl. track profile, cover and sidelight profile, filling profile, accessory set, end cap, view protection profile must be ordered separately max. 60 kg	8 – 12 mm	36.683

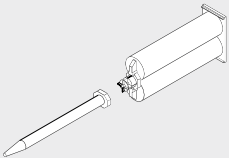
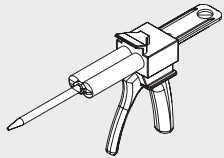
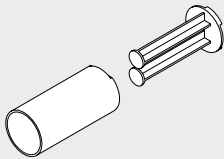
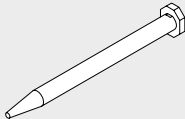
*When using a DORMOTION damping unit, we recommend installation of a pull handle.

Component parts

	Product description	Art. No.
	Accessory set Consisting of: 2 Clamp carriers 2 Endstops 1 Floor guide	36.691
	DORMOTION unit Panel width min. 600 mm (after consultation min. 550 mm possible) for max. 60 kg, incl. starter When using a DORMOTION damping unit, we recommend installation of a pull handle.	36.693 Optional
	Track rail wall installation stock length 6,000 mm fixed length	36.684 36.687
	Track rail ceiling installation stock length 6,000 mm fixed length	36.685 36.688
	Cover profile stock length 6,000 mm fixed length	36.686 36.696
	MUTO Comfort M 60 Set endcaps for wall and ceiling installation	36.692

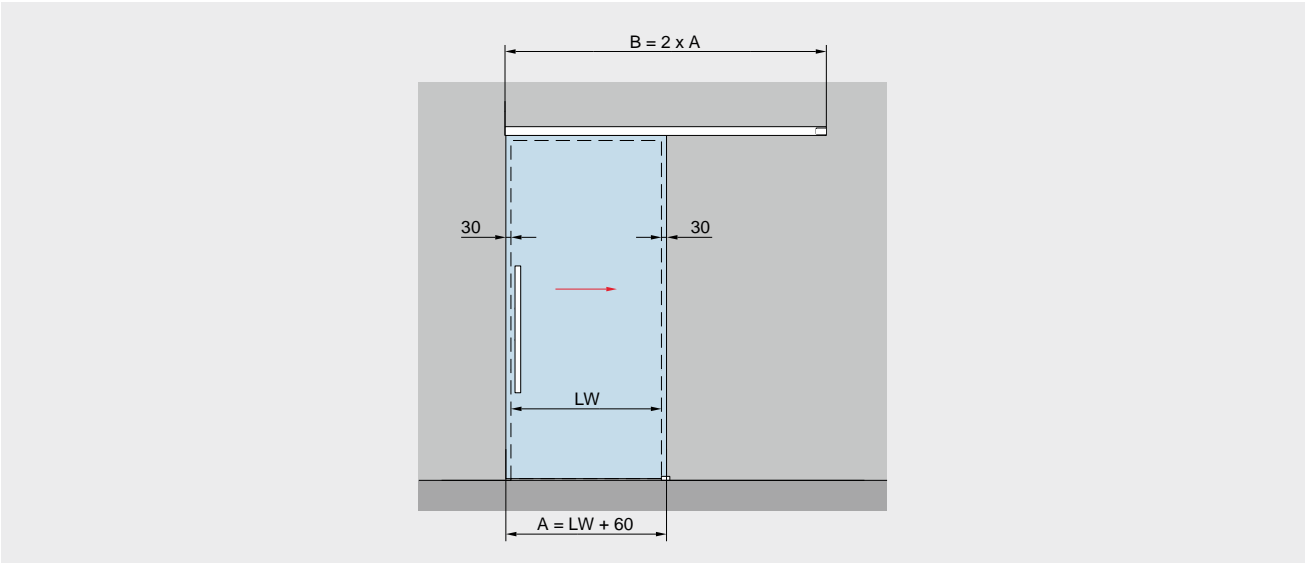
	Product description	Glass thickness	Art. No.
	MUTO Comfort M 60 + L 80 Side light profile 58 mm height, with gaskets, for 8 – 13.5 mm glass When installing between two walls, please give particular atten- tion to the width of the end covers (each 2 mm). stock length 6,000 mm fixed length		36.271 36.274
	MUTO M 60 View protection profile for sidelight profiles stock length 6,000 mm fixed length		36.694 36.695
	MUTO Filling profile for Comfort M, L, Premium XL and Self-Closing, for side light profile stock length 6,000 mm fixed length		36.802 36.803
	MUTO Comfort M 60 + L 80 End caps for side light profile, 58 mm height each 2 mm width (When installing between two walls, please give particular attention to it.)		36.273
	MUTO End caps (2 pieces) for Comfort M + L and Premium XL, for floor profile, for fixing side light		36.812
	MUTO Floor profile for Comfort L and Premium XL, for fixing side light, with gaskets, incl. end caps stock length 6,000 mm fixed length	8 – 13.5 mm	36.810 36.811

	Product description	Art. No.
	MUTO Comfort M 60 Timber adapter profile 10 x 23 mm, incl. accessories (with timber floor guide) 1,310 mm fixed length Please indicate the wooden door leaf width when ordering!	36.941
	MUTO Comfort - balance profile set 12 mm, for installation over an existing door frame; compensates for the frame thickness; fixed length	36.872
	MUTO Comfort - balance profile set 24 mm, for installation over an existing door frame; compensates for the frame thickness; fixed length	36.873
	MUTO Comfort M 60 LSG set Accessory set for use with LSG for one pair of clamp carrier Consisting of: 2 Gaskets 4 Injector screw Please order the LSG glue 07.631 separately	36.939

	Product description	Art. No.
	Special adhesive for use with LSG The contents of the cartridge are sufficient for 10 clamp carriers (varies if the nozzle contents have dried out!) If necessary, order additional spare nozzles (art. no. 07630).	07.631
	Automix gun for LSG Use in combination with article 07.631	07.629
	Automix adapter for LSG Use in combination with article 07.631	07.628
	Spare nozzle for LSG Use in combination with article 07.631	07.630

Vertical brush seals can be found on page 168

Type illustrations wall installation



Fixed at wall	Product description	Glass thickness
	<p>For installation with one door panel</p> <p>Max. weight of door panels 80 kg</p> <p>Calculation of glass height $GH = LH + 18 + X$ mm max. 3,000 mm</p> <p>Calculation of glass width $A = LW + 60$ mm min. 660 mm max. 2,000 mm max. $2 \times 1,250$ mm</p>	8 – 13.5 mm

- A = Glass width

B = Length of track

GH1 = Glass height sliding door

H = Total height

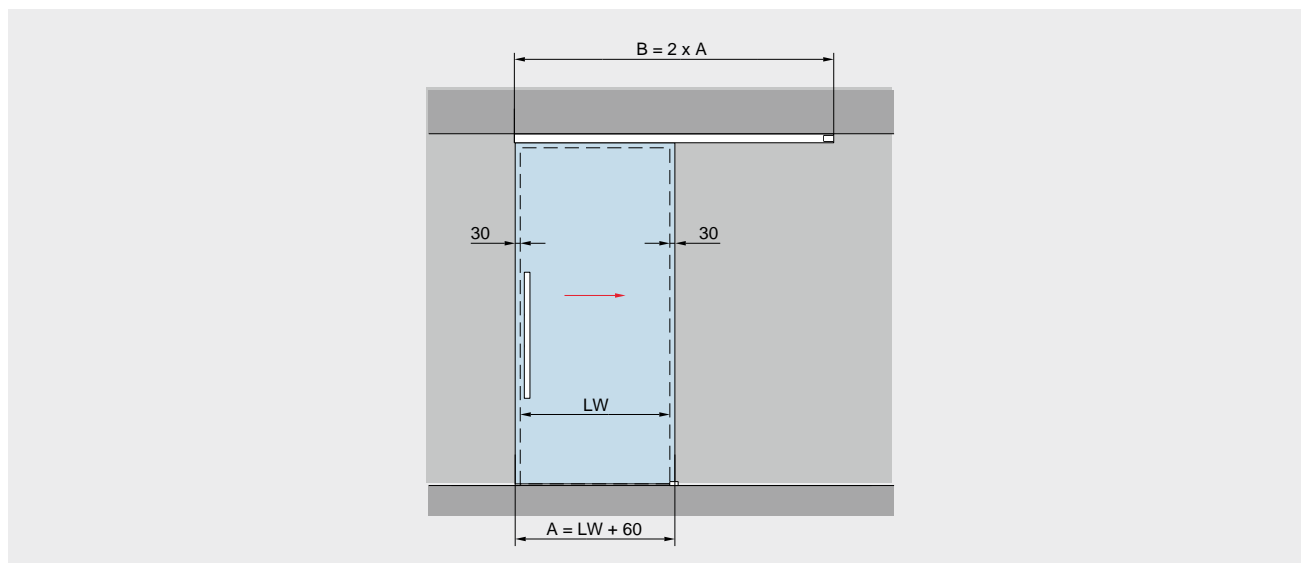
LH = Clear opening height
- LW = Clear opening width

t1 = Glass thickness sliding door

Y = 71 mm – 17 mm – t

X = Freely selectable protrusion
(depending on structural conditions)

Type illustrations ceiling installation

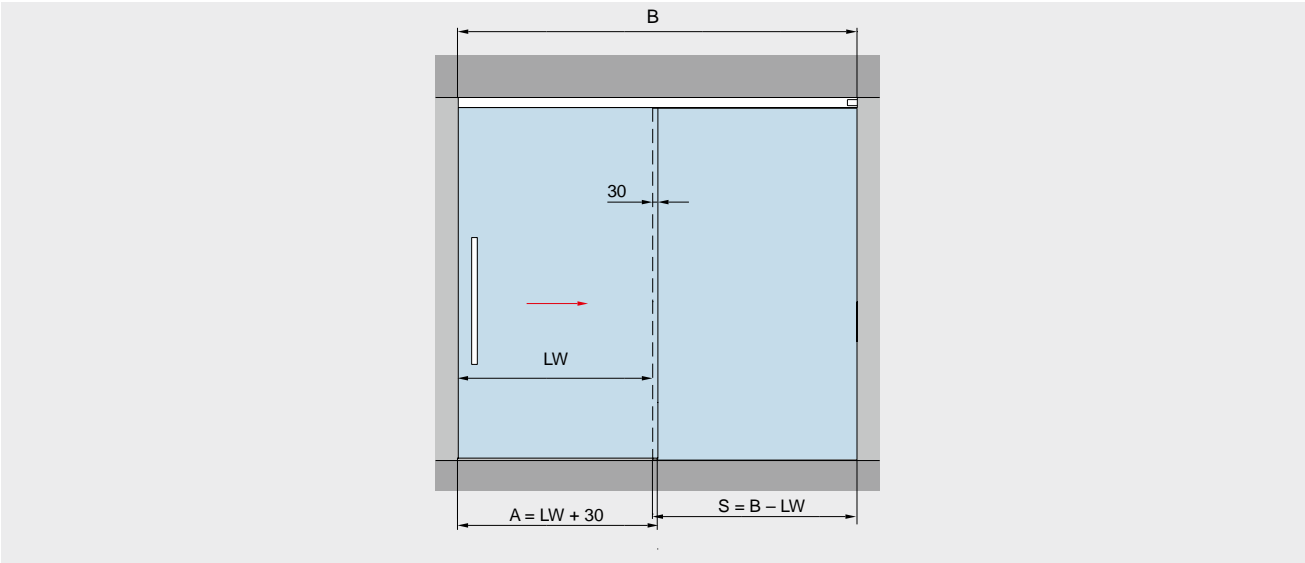


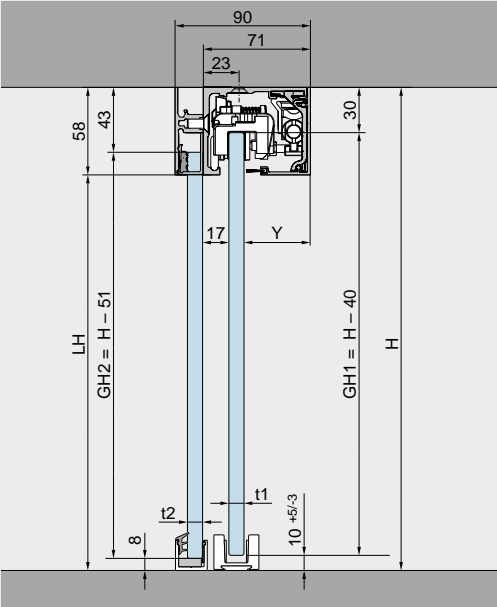
Fixed at ceiling	Product description	Glass thickness
<p>Diagram illustrating the ceiling installation details. The diagram shows the glass panel of width LW and height $GH1$ installed within a ceiling track. The total width of the track assembly is $B = 2 \times A$, where $A = LW + 60$. The distance from the center of the glass panel to the side of the track is 30 mm. A red arrow indicates the direction of sliding.</p>	<p>For installation with one door panel</p> <p>Max. weight of door panels 80 kg</p> <p>Calculation of glass height $GH1 = H - 40$ mm max. 3,000 mm</p> <p>Calculation of glass width $A = LW + 60$ mm min. 660 mm max. 2,000 mm max. $2 \times 1,250$ mm</p>	8 – 13.5 mm

A = Glass width
 B = Length of track
 GH1 = Glass height sliding door
 H = Total height

LH = Clear opening height
 LW = Clear opening width
 t1 = Glass thickness sliding door
 Y = $71 \text{ mm} - 17 \text{ mm} - t$

Type illustrations with side panel, on one side



Fixed at ceiling	Product description	Glass thickness
	<p>For installation with one door panel</p> <p>Max. weight of door panels 80 kg</p> <p>Calculation of glass height GH1 = H - 40 mm GH2 = H - 51 mm max. 3,000 mm</p> <p>Calculation of glass width A = LW + 30 mm min. 660 mm max. 2,000 mm</p>	8 – 13.5 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

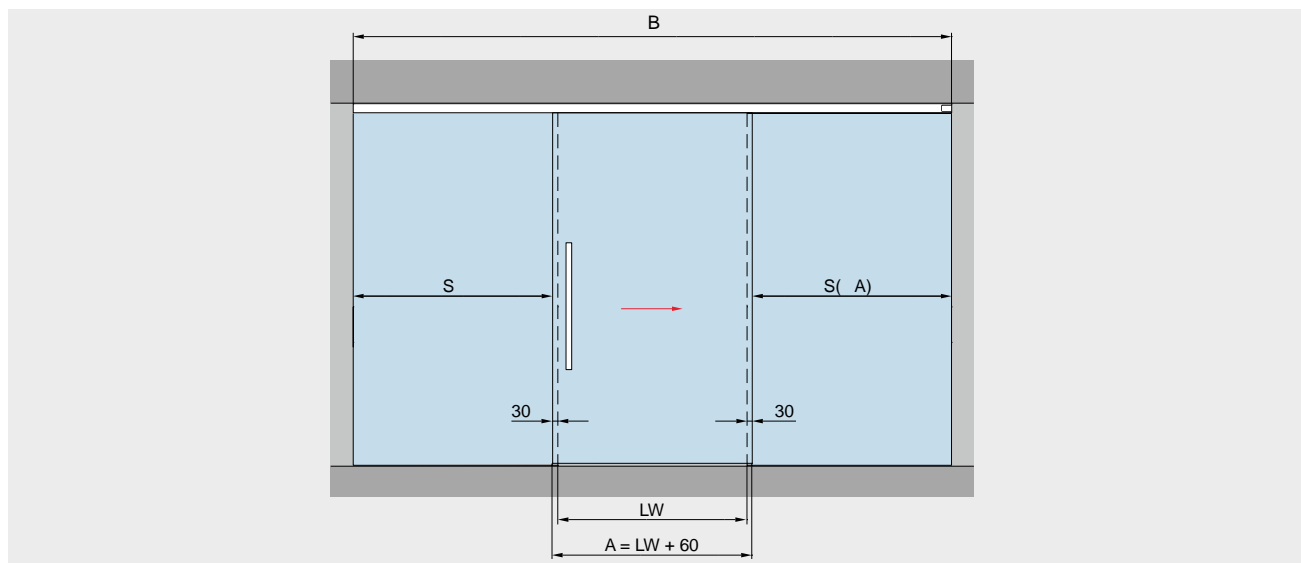
S = Glass width sidelight

t1 = Glass thickness sliding door

t2 = Glass thickness sidelight

Y = 71 mm - 17 mm - t1

Type illustrations with sidelight on both sides



Fixed at ceiling

Product description

Glass thickness

For installation with one door panel

8 – 13.5 mm

Max. weight of door panels

80 kg

Calculation of glass height

$GH1 = H - 40 \text{ mm}$

$GH2 = H - 51 \text{ mm}$

max. 3,000 mm

Calculation of glass width

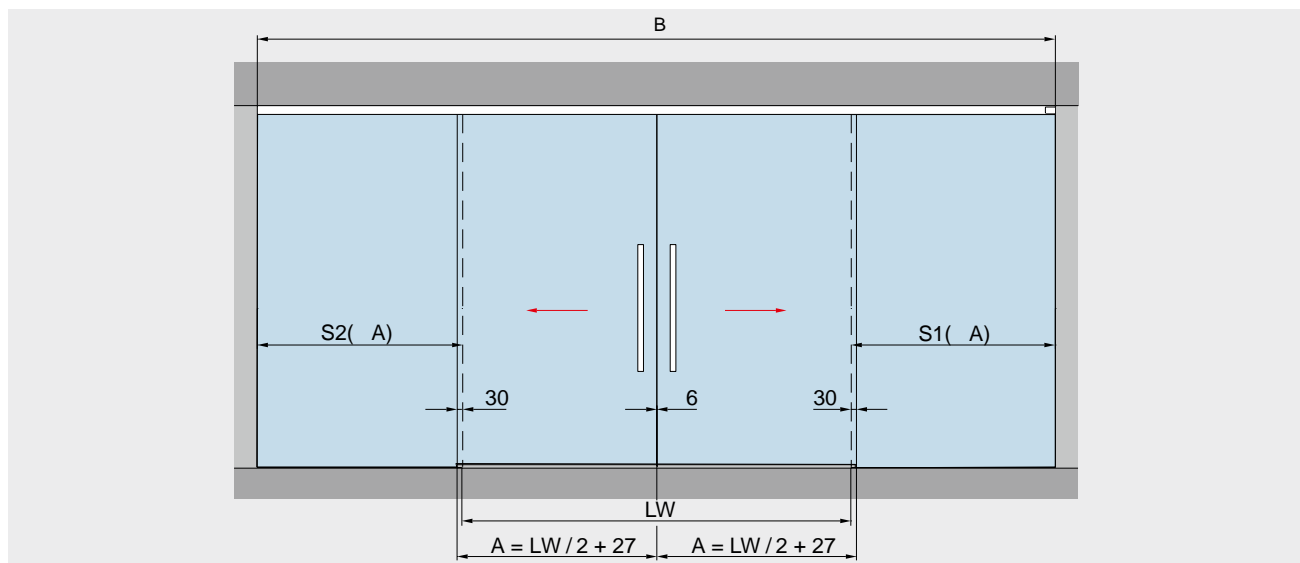
$A = LW + 60 \text{ mm}$

min. 660 mm

max. 2,000 mm

A	=	Glass width	LW	=	Clear opening width
B	=	Length of track	S	=	Glass width sidelight
GH1	=	Glass height sliding door	t1	=	Glass thickness sliding door
GH2	=	Glass height sidelight	t2	=	Glass thickness sidelight
H	=	Total height	Y	=	71 mm – 17 mm – t1
LH	=	Clear opening height			

Type illustrations with two door panels with sidelights

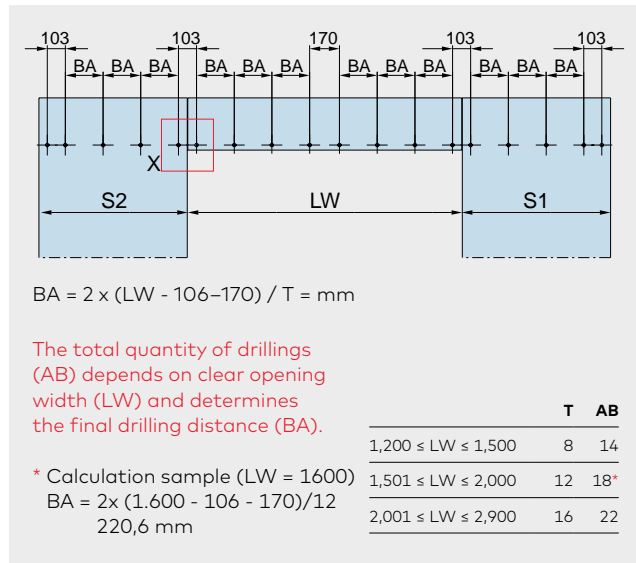
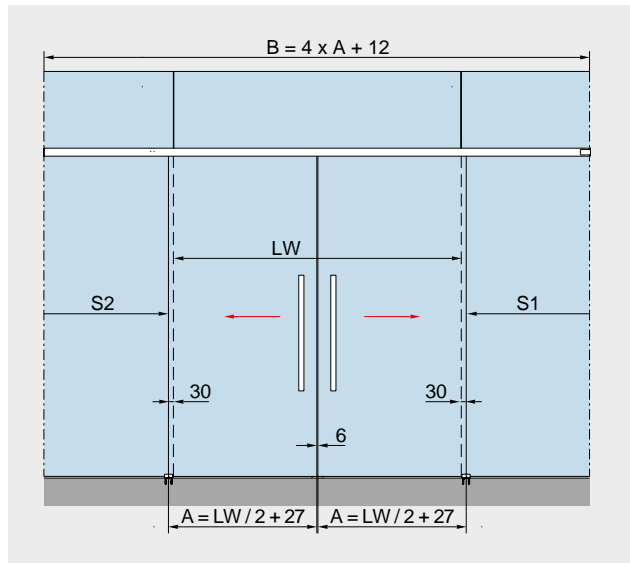


Fixed at ceiling	Product description	Glass thickness
	<p>For installation with two door panels</p> <p>Max. weight of door panels 80 kg</p> <p>Calculation of glass height $GH1 = H - 40 \text{ mm}$ $GH2 = H - 51 \text{ mm}$ max. 3,000 mm</p> <p>Calculation of glass width $A = LW / 2 + 27 \text{ mm}$ min. 660 mm max. $2 \times 1,250 \text{ mm}$</p>	8 – 13.5 mm

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

S1/S2 = Glass width sidelight
LH = Clear opening height
LW = Clear opening width
t1 = Glass thickness sliding door
t2 = Glass thickness sidelight
Y = $71 \text{ mm} - 17 \text{ mm} - t1$

Type illustrations with two door panels fixed at glass



You will find a calculation tool for the glass preparation of the fixed parts MUTO on glass under the following link
<https://glas-innovationen.com/glass-innovations/muto>

Glass preparation	Product description	Glass thickness
<p>Detail X</p>	<p>For installation with two panels</p> <p>Max. weight of door panels 80 kg</p> <p>Calculation of glass height $GH1 = LH + 18 \text{ mm}$ max. 3,000 mm</p> <p>Calculation of glass width $A = LW / 2 + 27 \text{ mm}$</p>	8 – 13.5 mm

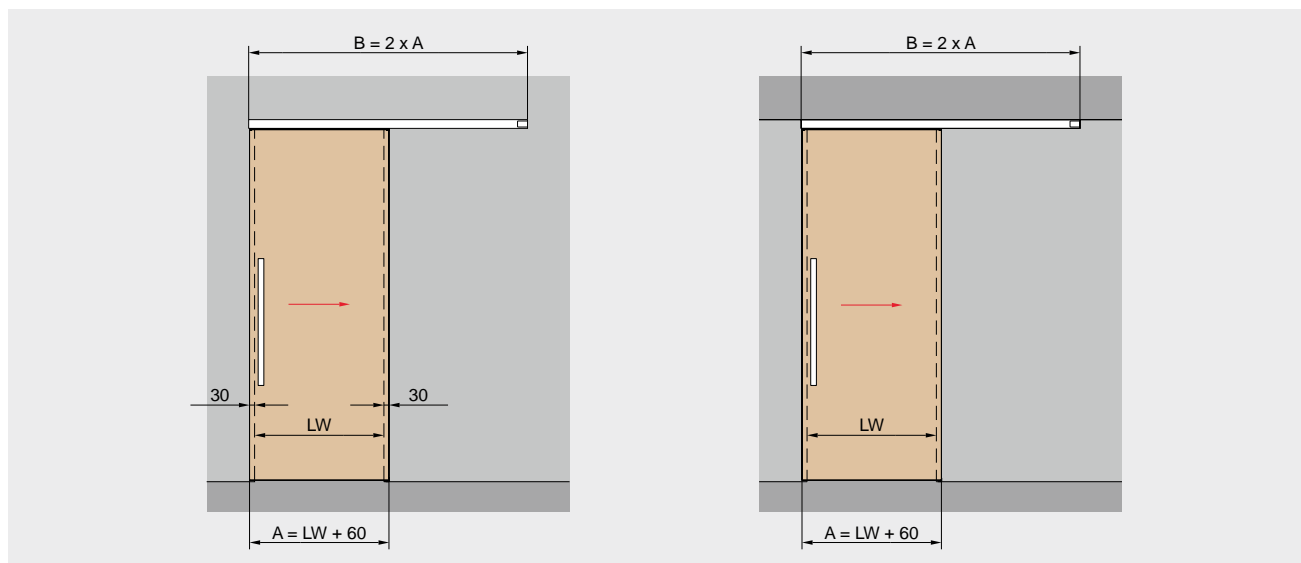
Fixed at glass	Product description	L 80
	<p>To ensure a correct and aligned mounting of the track rail, a fully supporting fixed panel must be installed.</p>	
	min. glass width without DORMOTION	660 mm
	min. clear opening width without DORMOTION	1,270 mm
	max. Glass width	1,250 mm
	max. Clear opening width	2,450 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
GH1 = Glass height sliding door

T = Quantity of drillings distance signed with BA
t1 = Glass thickness sliding door (8 – 13.5 mm)
t2 = Glass thickness fixed panel (10 – 19 mm)
Y = 71 mm – 17 mm – t1

Type illustrations for timber door applications



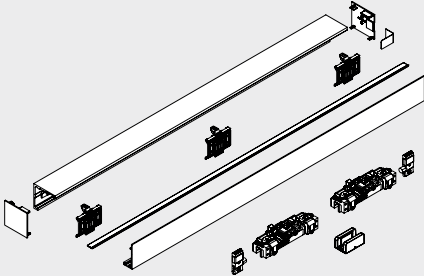
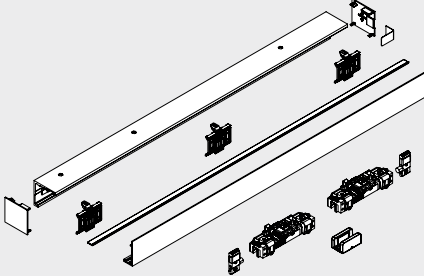
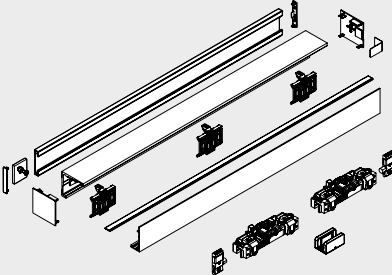
Fixed at wall	Fixed at ceiling	Product description	Wood thickness
		For installation with one door panel	28–50 mm
		Max. weight of door panels 80 kg	
		Calculation of door height fixed at wall $TH = LH - 18 + X$ mm max. 3,000 mm	
		Calculation of door height fixed at ceiling $TH = H - 76$ mm max. 3,000 mm	
		Calculation of door width $A = LW + 60$ mm min. 660 mm max. 2,000 mm	

* Timber door 100 mm, solid wood, for attachment to timber adapter.

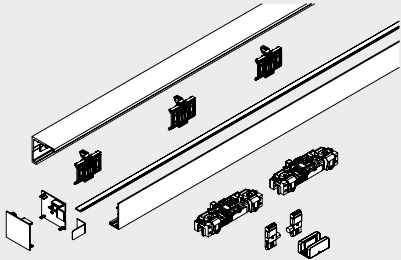
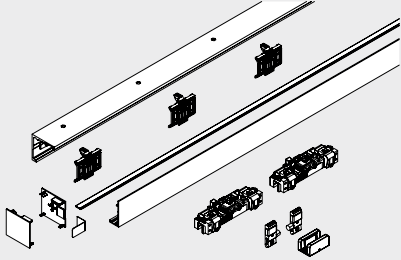
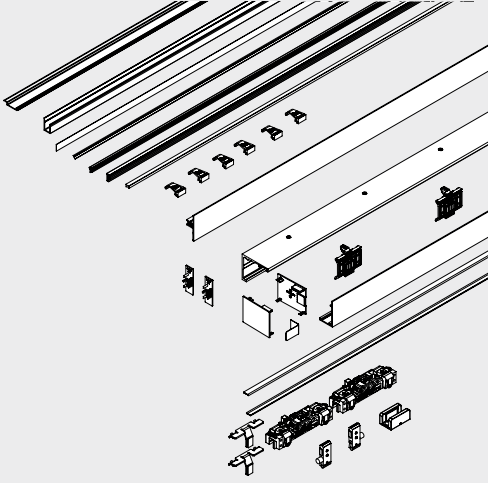
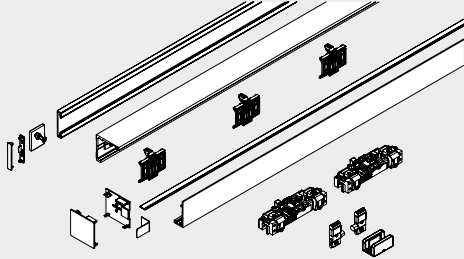
A = Glass width
B = Length of track
H = Total height
LH = Clear opening height

LW = Clear opening width
TH = Door height
U = Wood thickness
X = Freely selectable protrusion (depending on structural conditions)

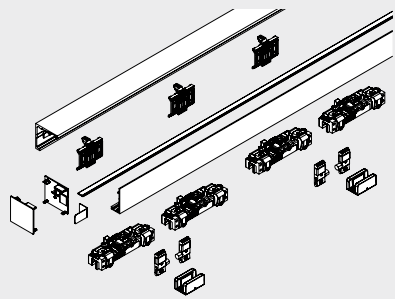
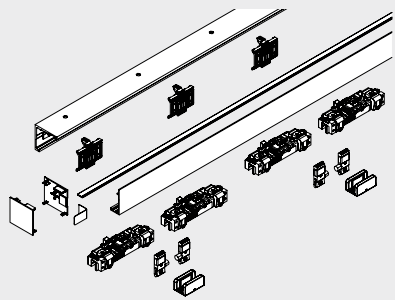
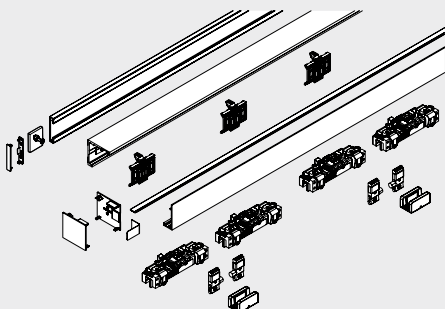
Complete sets - defined lengths

	Product description	Panel width	Profile length	Glass thickness	Art. No.	
	MUTO Comfort L 80 Set for wall installation incl. track profile, cover profile and brushes, accessory set, end caps max. 80 kg	1,100 1,450	2,180 2,880	8 – 13.5 mm 8 – 13.5 mm	36.300 36.301	
	MUTO Comfort L 80 Set for ceiling installation incl. track profile, cover profile and brushes, accessory set, end caps max. 80 kg	1,100 1,450	2,180 2,880	8 – 13.5 mm 8 – 13.5 mm	36.302 36.303	
						
		Clear opening width	Panel width	Profile length	Glass thickness	Art. No.
	MUTO Comfort L 80 Set for glass installation incl. track profile, cover profile and brushes, counter profile, accessory set, end caps max. 80 kg Note: Please take note of glass preparation on page 37	1,050 1,250	1,110 1,310	2,287 2,687	8 – 13.5 mm 8 – 13.5 mm	36.304 36.305

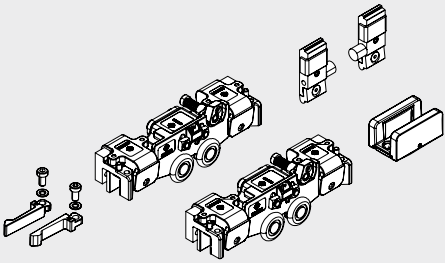
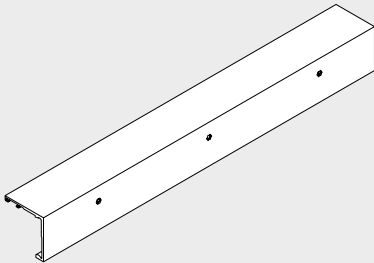
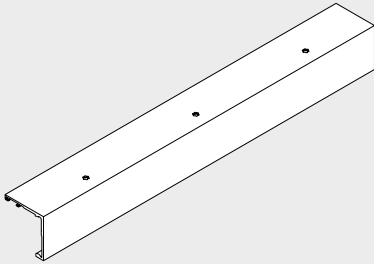
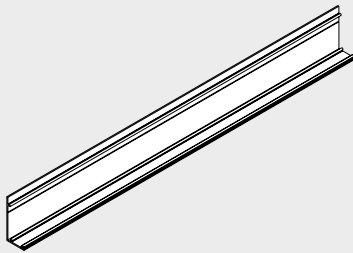
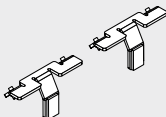
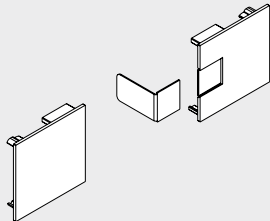
Complete sets - individual lengths

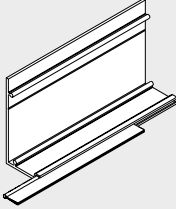
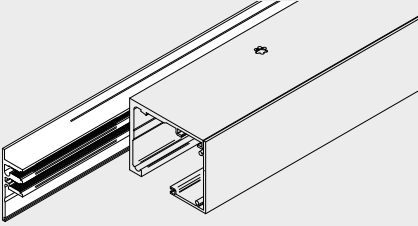
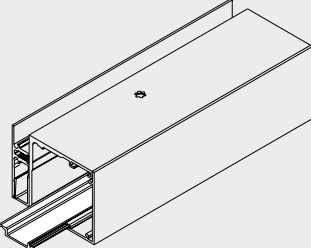
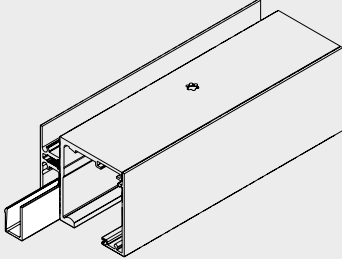
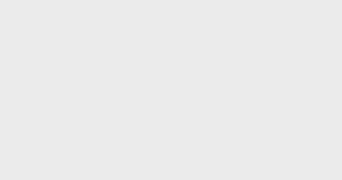
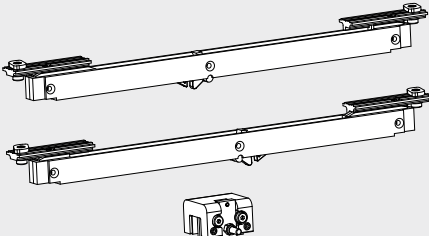
	Product description	Glass thickness	Art. No.
	MUTO Comfort L 80 Set for wall installation Individual profile length up to max. 5,940 mm incl. track profile, cover profile and brushes, accessory set, end caps max. 80 kg Please indicate clear opening width or track length with order!	8 – 13.5 mm	36.320
	MUTO Comfort L 80 Set for ceiling installation Individual profile length up to max. 5,940 mm incl. track profile, cover profile and brushes, accessory set, end caps max. 80 kg Please indicate clear opening width or track length with order!	8 – 13.5 mm	36.321
	MUTO Comfort L 80 Complete set fixed at ceiling, sidelight Individual profile length up to max. 5,940 mm incl. track profile, cover profile, sidelight profile, view protection profile, filler profile, brushes, accessory set, end caps max. 80 kg Please indicate track length with order!	8 – 13,5 mm	36.306
	MUTO Comfort L 80 Set for glass installation Individual profile length up to max. 4,067 mm incl. track profile, cover profile and brushes, counter profile, accessory set, end caps max. 80 kg Please indicate clear opening width with order! Note: Please take note of glass preparation on page 37	8 – 13.5 mm	36.322

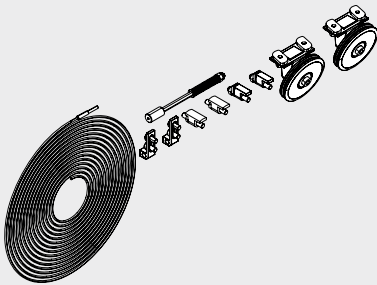
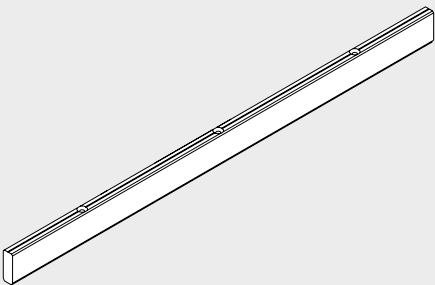
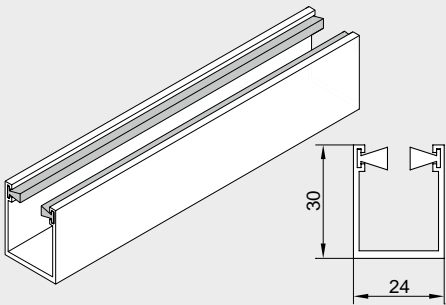
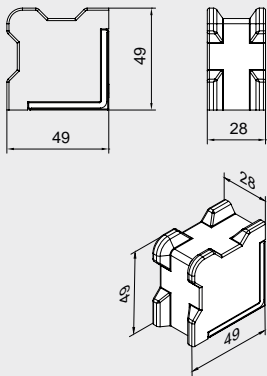
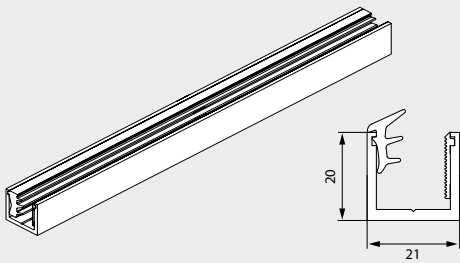
Complete sets – individual lengths with two door panels

	Product description	Glass thickness	Art. No.
	MUTO Comfort L 80 Set for 2-panel door, wall installation Individual profile length up to max. 5,940 mm, incl. track profile, cover profile and brushes, accessory sets, end caps max. 2 x 80 kg Please indicate clear opening width or track length with order!	8 – 13.5 mm	36.323
	MUTO Comfort L 80 Set for 2-panel door, ceiling installation Individual profile length up to max. 5,940 mm, incl. track profile, cover profile and brushes, accessory sets, end caps max. 2 x 80 kg Please indicate clear opening width or track length with order!	8 – 13.5 mm	36.324
	MUTO Comfort L 80 Set for 2-panel door, glass installation Individual profile length up to max. 5,012 mm, incl. track profile, cover profile and brushes, counter profile, accessory sets, end caps max. 2 x 80 kg Please indicate clear opening width with order! Note: Please take note of glass preparation on page 38	8 – 13.5 mm	36.325

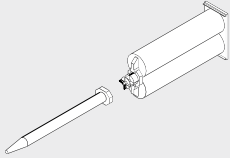
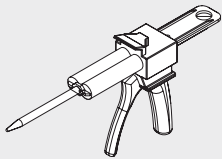
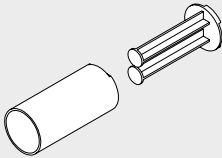
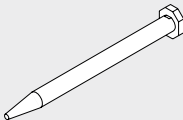
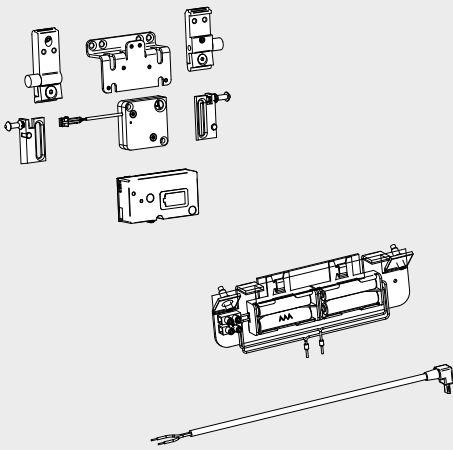

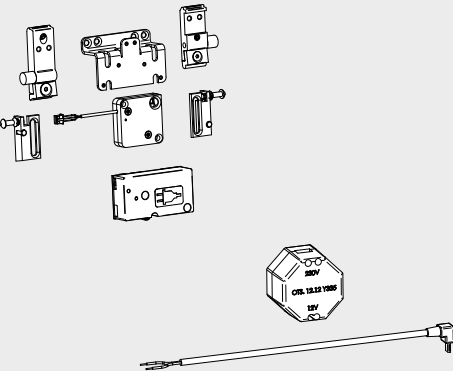
Component parts

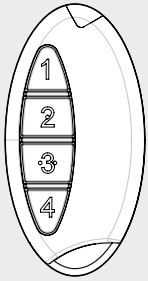
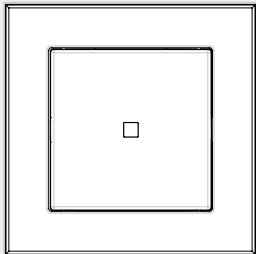
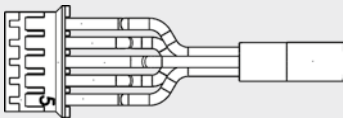
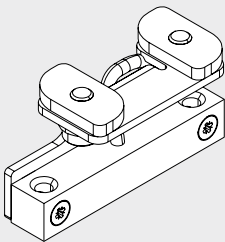
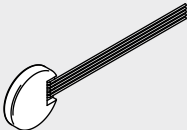
	Product description	Glass thickness	Art. No.
	Accessory set Consisting of: 2 Clamp carriers 2 Endstops 1 Floor guide		36.349
	Track rail <i>for wall installation</i> stock length 6,000 mm fixed length		36.350 36.351
	Track rail <i>for ceiling installation</i> stock length 6,000 mm fixed length		36.352 36.353
	Cover profile stock length 6,000 mm fixed length		36.359 36.360
	MUTO spacer (2 pieces) <i>for installation between two walls</i>		36.890
	MUTO Comfort L 80 Set endcaps <i>for wall and ceiling installation</i>		36.354

	Product description	Glass thickness	Art. No.
	MUTO Brush profile set for Comfort L and Premium XL Consisting of: 1 Brush profile 8 – 10 mm glass 1 brush profile 12 – 13.5 mm glass		36.265
	MUTO Comfort M 60 + L 80 Side light profile 58 mm height, with gaskets, for 8 – 13.5 mm glass When installing between two walls, please give particular attention to the width of the end covers (each 2 mm). stock length 6,000 mm fixed length		36.271 36.274
	MUTO Filling profile for Comfort L, Premium XL and Self-Closing, for side light profile stock length 6,000 mm fixed length		36.800 36.801
	MUTO Filling profile for Comfort M + L, Premium XL and Self-Closing, stock length 6,000 mm fixed length		36.802 36.803
	MUTO Comfort M 60 + L 80 End caps for side light profile, 58 mm height each 2 mm width (When installing between two walls, please give particular attention to it.)		36.273
	DORMOTION unit Panel width min 660 mm, for max. 80 kg, incl. starter When using a DORMOTION damping unit, we recommend installation of a pull handle.		36.361 Optional

	Product description	Glass thickness	Art. No.
	MUTO Comfort L 80 Synchro set Consisting of: 1 Wire 2 Pulley Max. 80 kg per panel		36.357 Optional
	MUTO Comfort L 80 Timber adapter set Profil 12.5 x 36 mm, incl. Accessories (with timber floor guide) 1,460 mm fixed length Please indicate the wooden door leaf width when ordering!		36.261 36.262
	MUTO Premium XL 80/150 Subsurface floor guide track rail with brushes stock length 6,000 mm fixed length		36.561 36.562
	MUTO Comfort Floorstop for Comfort L and Premium XL, for glass- oder timber side light		36.851
	MUTO Floor profile for Comfort M + L and Premium XL, for fixing side light, with gaskets, incl. end caps stock length 6,000 mm fixed length	8 – 13.5 mm	36.810 36.811

	Product description	Glass thickness	Art. No.
	MUTO End caps (2 pieces) for Comfort M + L and Premium XL, for Floor profile, for fixing side light		36.812
	MUTO Comfort - balance profile set 12 mm, for installation over an existing door frame; compensates for the frame thickness; fixed length		36.872
	MUTO Comfort - balance profile set 24 mm, for installation over an existing door frame; compensates for the frame thickness; fixed length		36.873
	MUTO Comfort Connecting profile for false ceiling, incl. accessory set stock length 6,000 mm fixed length		36.821 36.820
	To be bolted on site to the track rail.		
	MUTO Comfort L 80 LSG set Accessory set for use with LSG for one pair of clamp carrier Consisting of: 2 Gaskets 4 Injector screw		36.270
	Please order the LSG glue 07.631 separately		

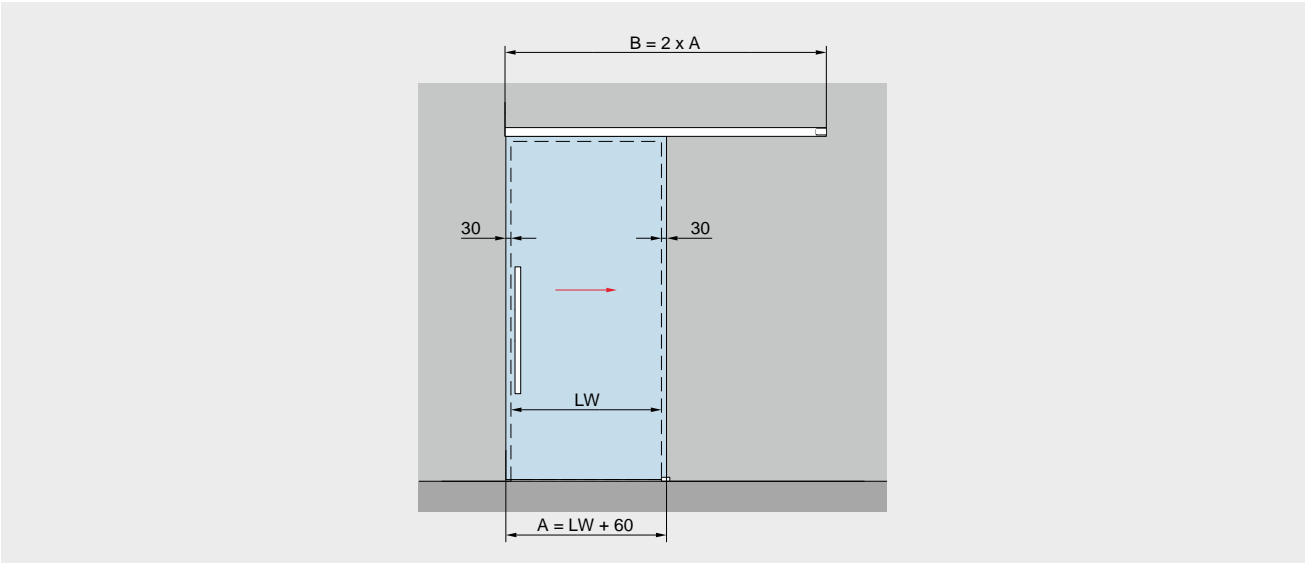
	Product description	Glass thickness	Art. No.
	Special adhesive for use with LSG The contents of the cartridge are sufficient for 10 clamp carriers (varies if the nozzle contents have dried out!) If necessary, order additional spare nozzles (art. no. 07630).		07.631
	Automix gun for LSG Use in combination with article 07.631		07.629
	Automix adapter for LSG Use in combination with article 07.631		07.628
	Spare nozzle for LSG Use in combination with article 07.631		07.630
	MUTO Integrated locking device Battery for Comfort L, Premium XL, Premium Self-Closing and Premium Telescopic (not suitable as a security barrier) Consisting of: 1 receiver unit 1 mounting bracket for locking 1 locking device 1 stopper XL 4 batteries (Energizer L92 Ultimate Lithium: AAA1,5V) 1 battery carrier		36.859
	Battery for re-ordering		36.886
	MUTO Integrated locking device Battery for Comfort L, Premium XL, Premium Self-Closing and Premium Telescopic (not suitable as a security barrier) Consisting of: 1 receiver unit 1 mounting bracket for locking 1 locking device 1 stopper XL Attention: Not suitable for Synchro version.		38.885

	Product description	Glass thickness	Art. No.
	MUTO Radio remote control for Comfort L, Premium XL and Self-Closing, 1 Radio remote control 1 Battery		36.848
	MUTO Wall switch with radio remote control for Comfort L, Premium XL and Self-Closing, 1 Wall switch 1 Battery		36.849
	MUTO Accessory for locking unit for Comfort L, Premium XL and Self-Closing, 1 cable set for an optional use of the status indicator integrated in the locking unit		36.855
	MUTO Status indicator set for Comfort L and Premium XL Consisting of: 1 Sensor 1 Adapter for track reception 1 Cable		36.840
	Concealed transmitter BRC-T dormakaba bi-directional flush-mounted radio transmitter BRC-T, battery-operated, for installation in a switch with a deep flush-mounting box		29301003

Vertical brush seals can be found on page 168

Space for your notes

Type illustrations wall installation



Fixed at wall	Product description	Glass thickness
<p>A detailed cross-section diagram of the door assembly. It shows the door panel (blue) and the track (grey). Dimensions include: 69 (total height of track), 72 (width of track), 24 (height of track), 45 (height of door panel), 32 (height of door panel), 20 (width of door panel), Y (width of door panel), LH (clear opening height), GH1 (glass height), H (total height), t1 (glass thickness), and 10 ±5 (offset).</p>	For installation with one door panel Max. weight of door panels 80 kg 150 kg Calculation of glass height $GH1 = LH + 22 + X$ mm max. 3,000 mm Calculation of glass width $A = LW + 60$ mm min. 660 mm max. 2,500 mm max. $2 \times 1,470$ mm	8 – 13.5 mm

- A = Glass width

B = Length of track

GH1 = Glass height sliding door

H = Total height

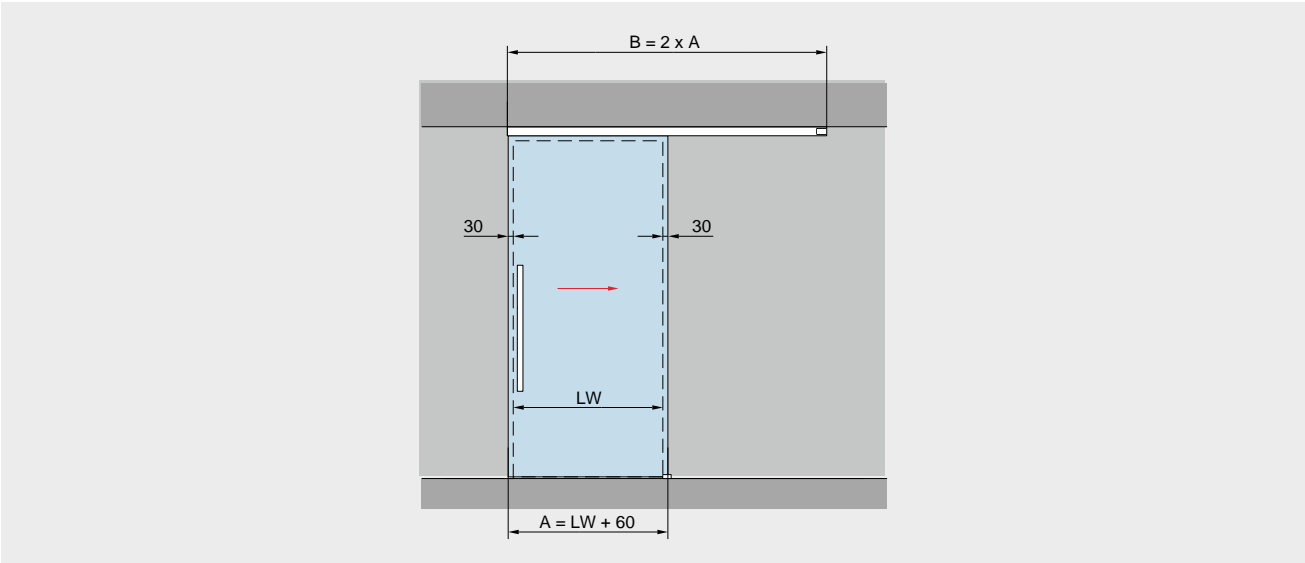
LH = Clear opening height
- LW = Clear opening width

t1 = Glass thickness sliding door

Y = 72 mm – 20 mm – t

X = Freely selectable protrusion (depending on structural conditions)

Type illustrations ceiling installations



Fixed at ceiling	Product description	Glass thickness
	<p>For installation with one door panel</p> <p>Max. weight of door panels 80 kg 150 kg</p> <p>Calculation of glass height $GH1 = H - 47 \text{ mm}$ max. 3,000 mm</p> <p>Calculation of glass width $A = LW + 60 \text{ mm}$ min. 660 mm max. 2,500 mm max. $2 \times 1,470 \text{ mm}$</p>	8 – 13.5 mm

- A = Glass width

B = Length of track

GH1 = Glass height sliding door

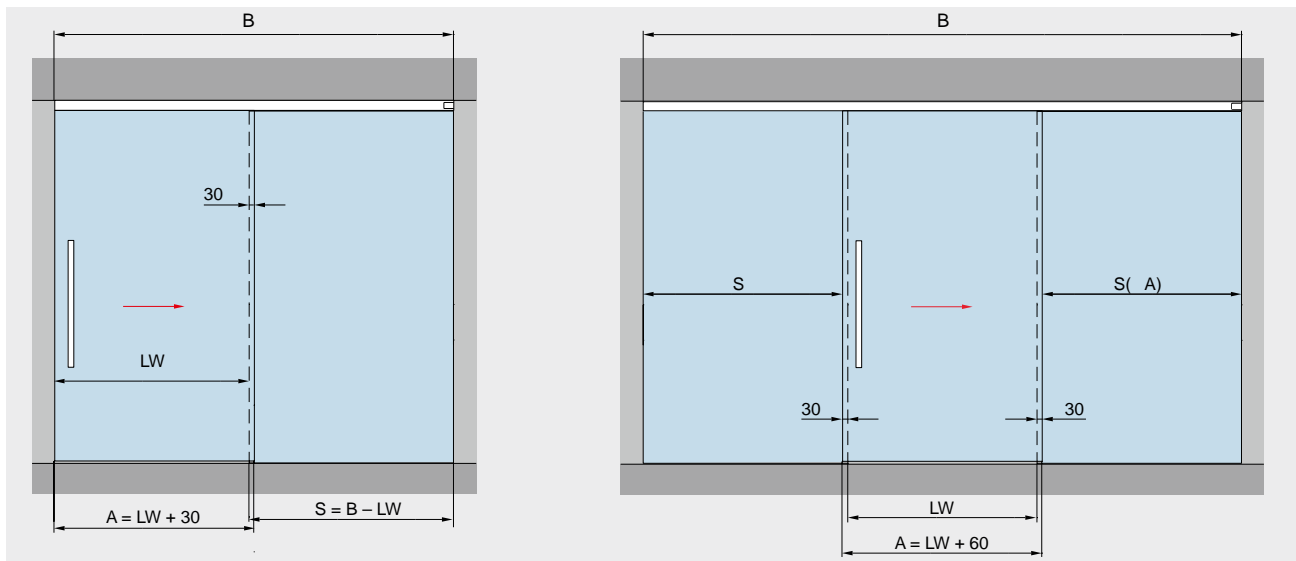
H = Total height
- LH = Clear opening height

LW = Clear opening width

t1 = Glass thickness sliding door

Y = 72 mm – 20 mm – t

Type illustrations with sidelight

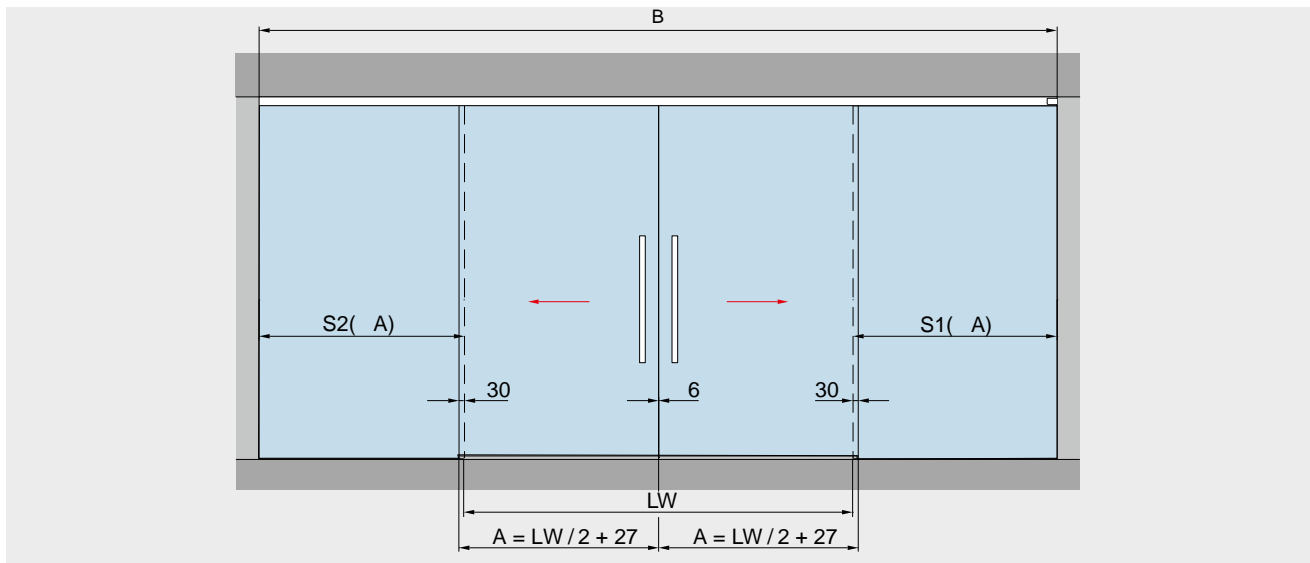


Fixed at ceiling	Fixed at false ceiling	Product description	Glass thickness
		For installation with one door panel	8 – 13.5 mm
		Max. weight of door panels 80 kg 150 kg	
		Calculation of glass height for installation at ceiling $GH1 = H - 47 \text{ mm}$ $GH2 = LH + 7 \text{ mm}$ max. 3,000 mm	
		Calculation of glass height for installation at false ceiling $GH1 = LH + 21 \text{ mm}$ $GH2 = LH + 7 \text{ mm}$ max. 3,000 mm	
		Calculation of glass width $A = LW + 30 \text{ mm}$ min. 660 mm max. 2,500 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 = 72 mm – 20 mm – t1

Type illustrations with two door panels with sidelights



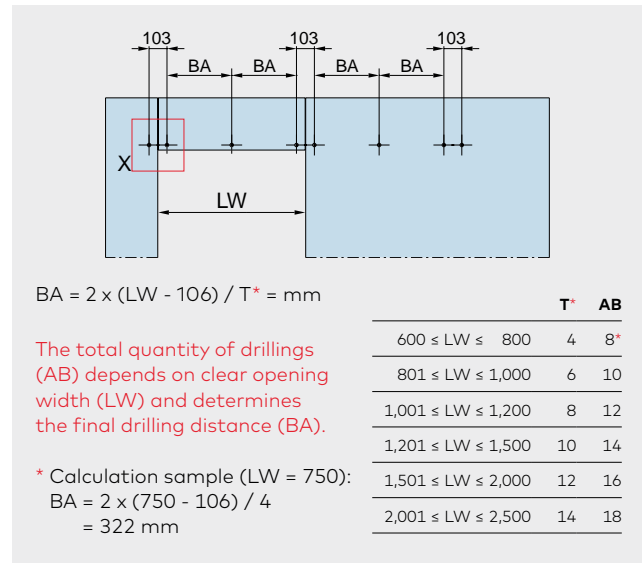
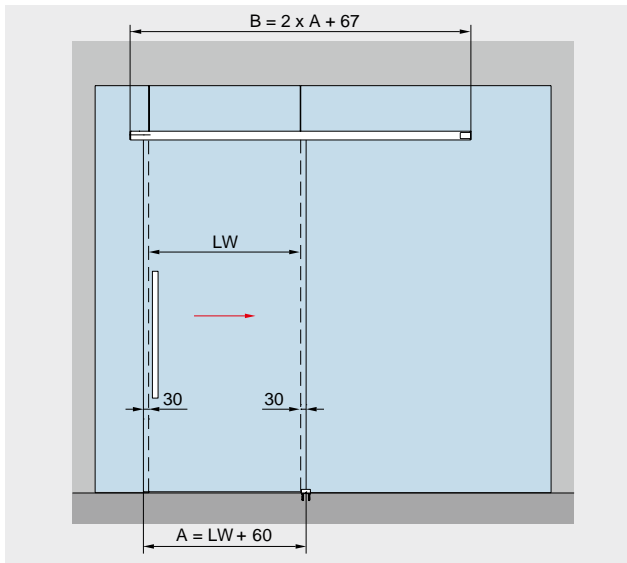
Fixed at ceiling	Fixed at false ceiling	Product description	Glass thickness
		For installation with two door panels with sidelights	8 – 13.5 mm
		Max. weight of door panels 80 kg 150 kg	
		Calculation of glass height for installation at ceiling GH1 = H – 47 mm GH2 = LH + 7 mm max. 3,000 mm	
		Calculation of glass height for installation at false ceiling GH1 = LH + 21 mm GH2 = LH + 7 mm max. 3,000 mm	
		Calculation of glass width A = LW / 2 + 27 mm min. 660 mm max. 2 x 1,470 mm	

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

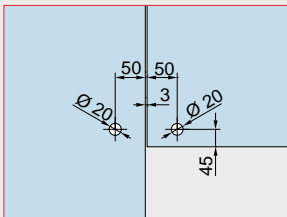
S1/S2 = Glass width sidelight
 LH = Clear opening height
 LW = Clear opening width
 t1 = Glass thickness sliding door
 t2 = Glass thickness sidelight

Y = 72 mm – 20 mm – t1

Type illustrations glass installation



You will find a calculation tool for the glass preparation of the fixed parts MUTO on glass under the following link <https://glas-innovationen.com/glass-innovations/muto>

Glass preparation	Product description	Glass thickness
 <p>Detail X</p>	<p>For installation with one door panel</p> <p>Max. weight of door panels 80 kg, 150 kg</p> <p>Calculation of glass height GH = LH + 22 mm, max. 3,000 mm</p> <p>Calculation of glass width A = LW + 60 mm min. 660 mm max. 2.500 mm</p>	<p>8 – 13.5 mm</p>

Fixed at glass

Product description

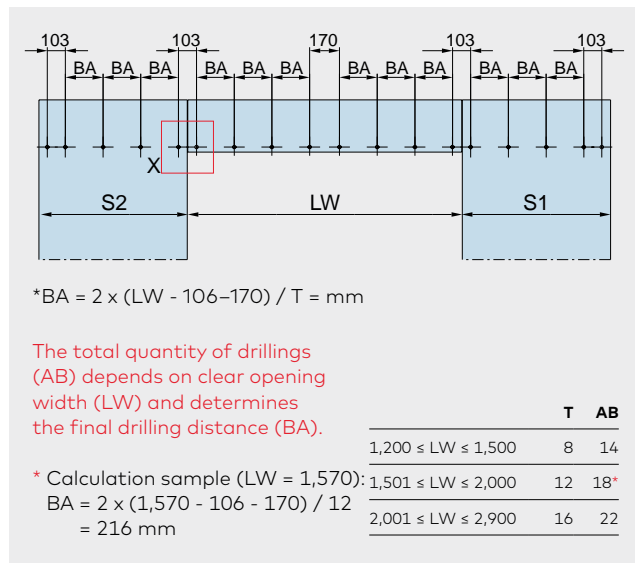
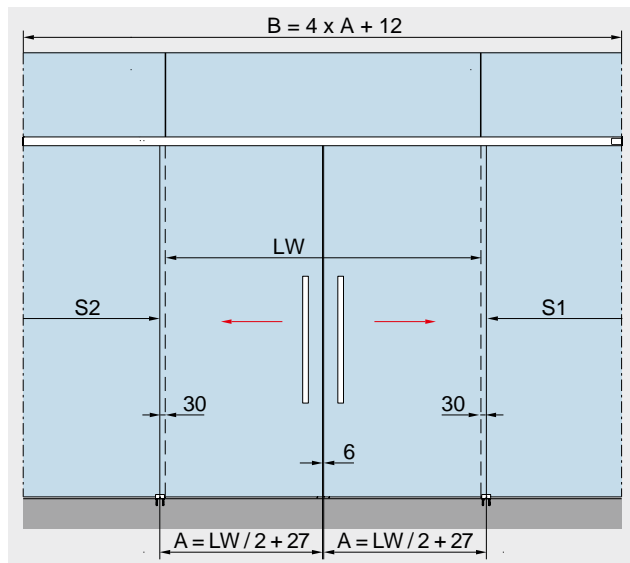
To ensure a correct and aligned mounting of the track rail, a fully supporting fixed panel must be installed.

MUTO Premium

	XL 80	XL 150
min. glass width	660 mm	660 mm
min. clear opening width	600 mm	600 mm
max. Glass width	2,500 mm	2,500 mm
max. Glass width	2,440 mm	2,440 mm

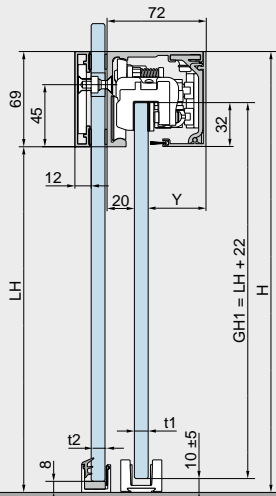
A	=	Glass width	H	=	Total height	T	=	Quantity of drillings distance signed with BA
AB	=	Quantity of drillings	LH	=	Clear opening height	t1	=	Glass thickness sliding door (8 – 13.5 mm)
B	=	Length of track	LW	=	Clear opening width	t2	=	Glass thickness fixed panel (10 – 19 mm)
BA	=	Drilling distance	GH1	=	Glass height sliding door	Y	=	72 mm – 20 mm – t1

Type illustrations with two door panels fixed at glass



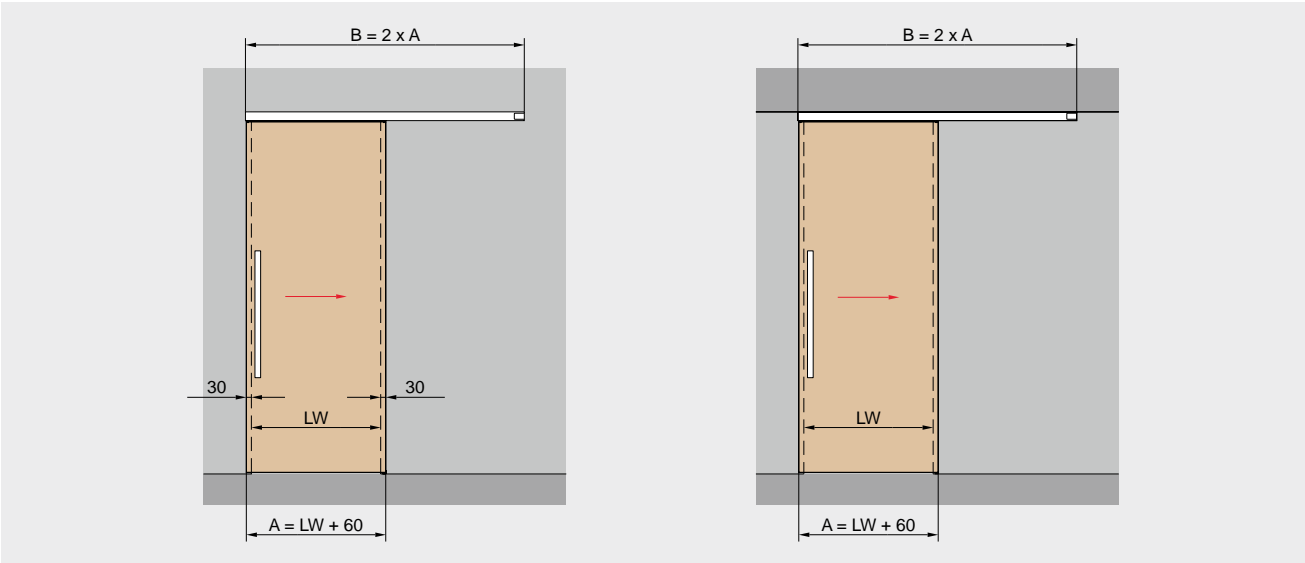
You will find a calculation tool for the glass preparation of the fixed parts MUTO on glass under the following link
<https://glas-innovationen.com/glass-innovations/muto>

Glass preparation	Product description	Glass thickness
<p>Detail X</p>	<p>For installation with two door panels with sidelights</p> <p>Max. weight of door panels 80 kg, 150 kg</p> <p>Calculation of glass height GH = LH + 22 mm, max. 3,000 mm</p> <p>Calculation of glass width A = LW / 2 + 27 mm min. 810 mm for Premium XL 80, max. 2 x 1,470 mm min. 1,020 mm for Premium XL 150, max. 2 x 1,470 mm</p>	8 – 13.5 mm

Fixed at glass	Product description	XL 80	XL 150
 <p>Technical drawing of the MUTO Premium sliding door system showing dimensions for glass width, height, and track rail. The drawing includes a side view of the door assembly with dimensions: 72 (top rail width), 69 (top rail height), 45 (top rail depth), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top rail offset), 12 (top rail offset), 20 (top rail offset), 32 (top</p>			

A = Glass width	LH = Clear opening height	T = Quantity of drillings distance signed with BA
AB = Quantity of drillings	LW = Clear opening width	t1 = Glass thickness sliding door (8 – 13.5 mm)
B = Length of track	GH1 = Glass height sliding door	t2 = Glass thickness fixed panel (10 – 19 mm)
BA = Drilling distance	S1/S2 = Glass width sidelight	Y = 72 mm – 20 mm – t1
H = Total height		

Type illustrations for timber door applications



Fixed at wall	Fixed at ceiling	Product description	Wood thickness
		For installation with one door panel	28 – 50 mm
		Max. weight of door panels 80 kg 150 kg	
		Calculation of door height fixed at wall $TH = LH - 18 + X$ mm max. 3,000 mm	
		Calculation of door height fixed at ceiling $TH = H - 87$ mm max. 3,000 mm	
		Calculation of door width $A = LW + 60$ mm min. 660 mm max. 2×1.470 mm	

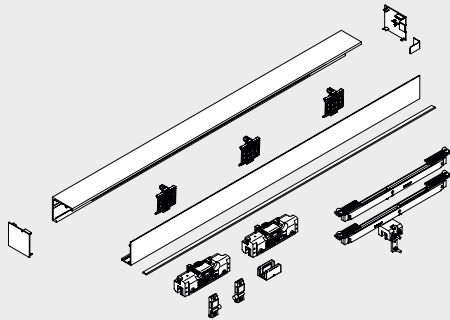
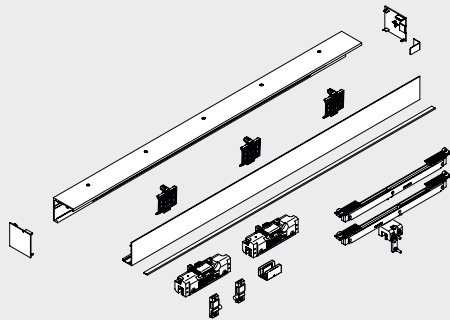
* Timber door 100 mm, solid wood, for attachment to timber adapter.

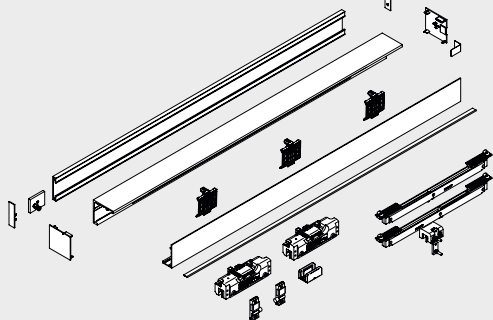
A = Glass width
B = Length of track
H = Total height
LH = Clear opening height

LW = Clear opening width
TH = Door height
U = Wood thickness
X = Freely selectable protrusion (depending on structural conditions)

Space for your notes

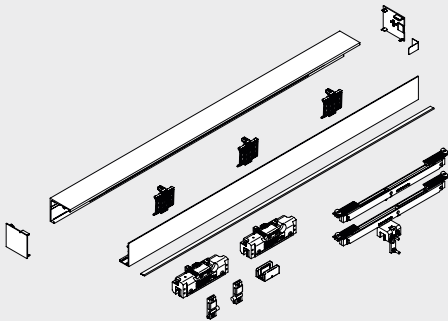
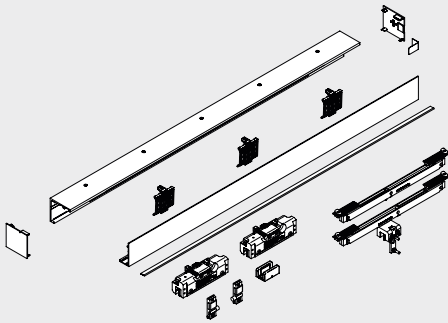
Complete sets – defined lengths

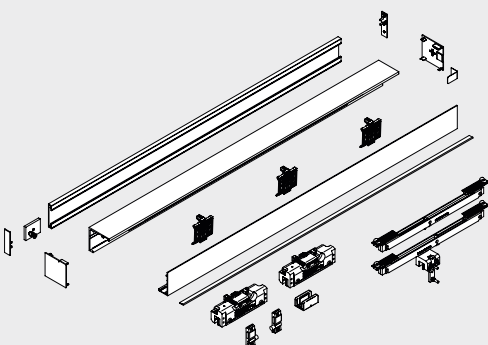
	Product description	Panel width	Profile length	Glass thickness	Art. No.
	MUTO	900	1,780	8 – 13.5 mm	36.500
	Premium XL 80	1,200	2,380	8 – 13.5 mm	36.501
	Set for wall installation	1,450	2,880	8 – 13.5 mm	36.502
	incl. track profile, cover profile and brushes, DORMOTION unit*, accessory set, end caps				
	max. 80 kg				
	MUTO	900	1,780	8 – 13.5 mm	36.503
	Premium XL 80	1,200	2,380	8 – 13.5 mm	36.504
	Set for ceiling installation	1,450	2,880	8 – 13.5 mm	36.505
	incl. track profile, cover profile and brushes, DORMOTION unit*, accessory set, end caps				
	max. 80 kg				

	Product description	Clear opening width	Panel width	Profile length	Glass thickness	Art. No.
	MUTO Premium XL 80	850	910	1,887	8 – 13.5 mm	36.506
	Set for glass installation	1,050	1,110	2,287	8 – 13.5 mm	36.507
		1,250	1,310	2,687	8 – 13.5 mm	36.508
	incl. track profile, cover profile and brushes, counter profile, DORMOTION unit*, accessory set, end caps					
	max. 80 kg					

*When using a DORMOTION damping unit, we recommend installation of a pull handle.

Note: Please take note of glass preparation on page 54

	Product description	Panel width	Profile length	Glass thickness	Art. No.
	MUTO Premium XL 150	1,250	2,480	8 – 13.5 mm	36.509
	Set for wall installation incl. track profile, cover profile and brushes, DORMOTION unit*, accessory set, end caps max. 150 kg	1,450	2,880	8 – 13.5 mm	36.510
	MUTO Premium XL 150	1,250	2,480	8 – 13.5 mm	36.511
	Set for ceiling installation incl. track profile, cover profile and brushes, DORMOTION unit*, accessory set, end caps max. 150 kg	1,450	2,880	8 – 13.5 mm	36.512

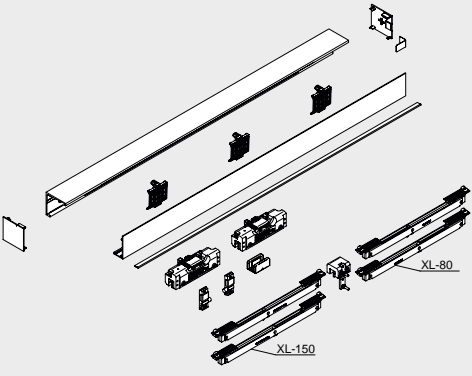
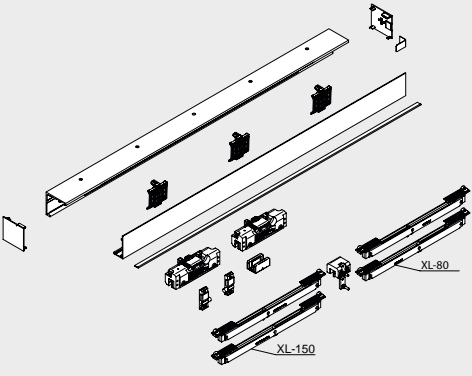
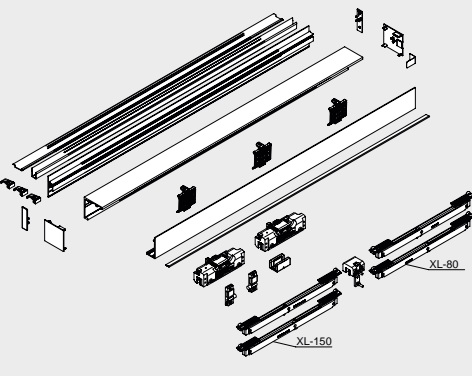
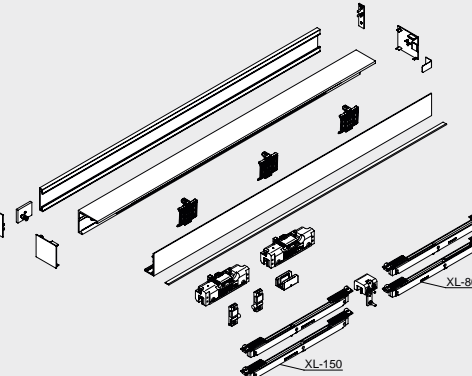
	Product description	Clear opening width	Panel width	Profile length	Glass thickness	Art. No.
	MUTO Premium XL 150	1,250	1,310	2,687	8 – 13.5 mm	36.513
	Set for glass installation incl. track profile, cover profile and brushes, counter profile, DORMOTION unit*, accessory set, end caps max. 150 kg	1,400	1,460	2,987	8 – 13.5 mm	36.514

*When using a DORMOTION damping unit, we recommend installation of a pull handle.

Note: Please take note of glass preparation on page 54

Complete sets – individual lengths

Note: Please indicate the clear width (LW) or the track length when ordering. When "mounting on glass", please specify only the clearance (LW). Glass preparation see page 54.

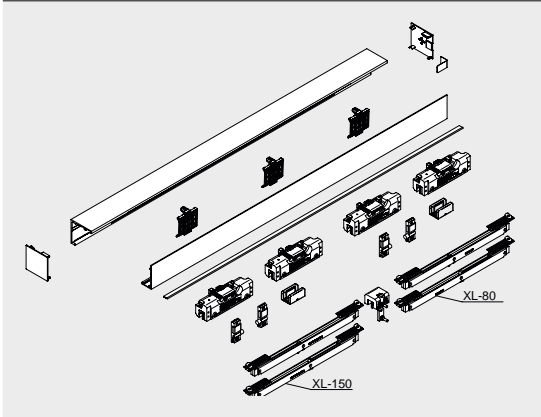
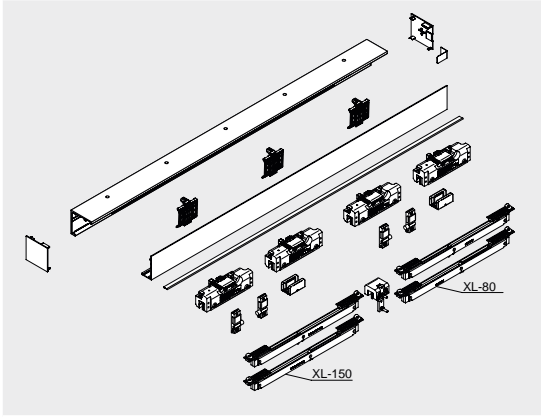
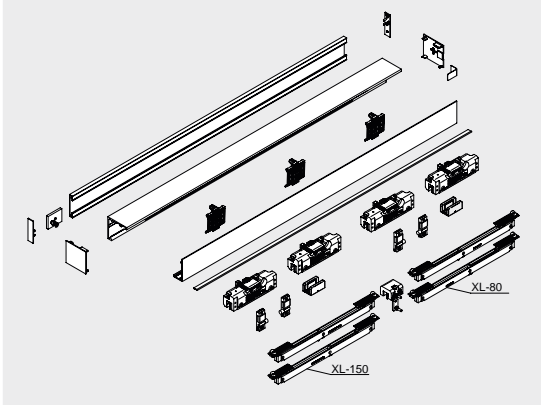
	Product description	Glass thickness	Art. No.
	MUTO Premium XL 80/150 Set for wall installation Individual profile length up to max. 5,940 mm incl. track profile, cover profile and brushes, DORMOTION unit*, accessory set, end caps		
	incl. DORMOTION XL – 80 max. 80 kg/min. 810 mm/max. 2,500 mm	8–13.5 mm	36.520
	incl. DORMOTION XL – 150 max. 150 kg/min. 1,020 mm/max. 2,500 mm	8–13.5 mm	36.521
	MUTO Premium XL 80/150 Set for ceiling installation Individual profile length up to max. 5,940 mm incl. track profile, cover profile and brushes, DORMOTION unit*, accessory set, end caps		
	incl. DORMOTION XL – 80 max. 80 kg/min. 810 mm/max. 2,500 mm	8–13.5 mm	36.522
	incl. DORMOTION XL – 150 max. 150 kg/min. 1,020 mm/max. 2,500 mm	8–13.5 mm	36.523
	MUTO Premium XL80/150 Complete set for installation at ceiling + side light Individual profile length up to max. 5,940 mm incl. track profile, cover profile, side light sight protection profile, filler profile, brushes, DORMOTION unit*, accessory set, end caps, max 80 kg		
	incl. DORMOTION XL – 80 max. 80 kg/min. 810 mm/max. 2,500 mm	8–13,5 mm	36.515
	incl. DORMOTION XL – 150 max. 150 kg/min. 1,020 mm/max. 2,500 mm	8–13,5 mm	36.516
	MUTO Premium XL 80/150 Set for glass installation Individual profile length up to max. 5,067 mm incl. track profile, cover profile and brushes, counter profile, DORMOTION unit*, accessory set, end caps		
	incl. DORMOTION XL – 80 max. 80 kg/min. 810 mm/max. 2,500 mm	8–13.5 mm	36.524
	incl. DORMOTION XL – 150 max. 150 kg/min. 1,020 mm/max. 2,500 mm	8–13.5 mm	36.525

Note: Please take note of glass preparation on page 54

*When using a DORMOTION damping unit, we recommend installation of a pull handle.

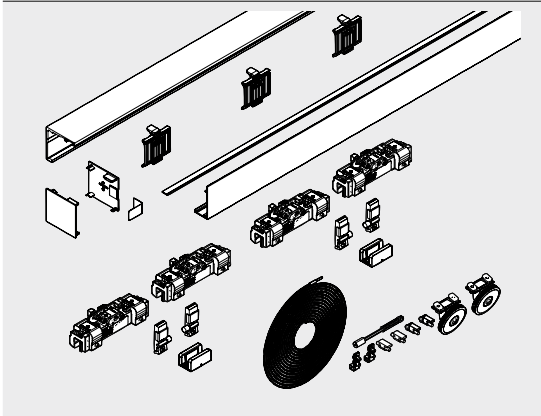
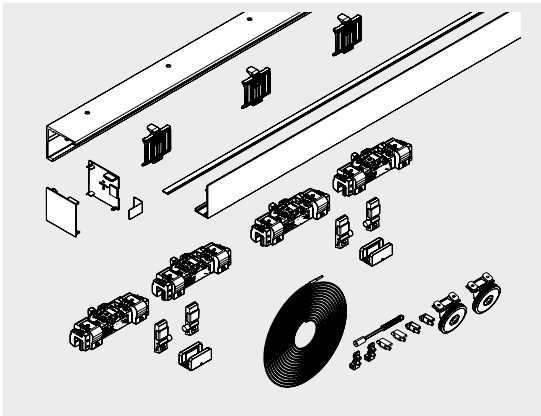
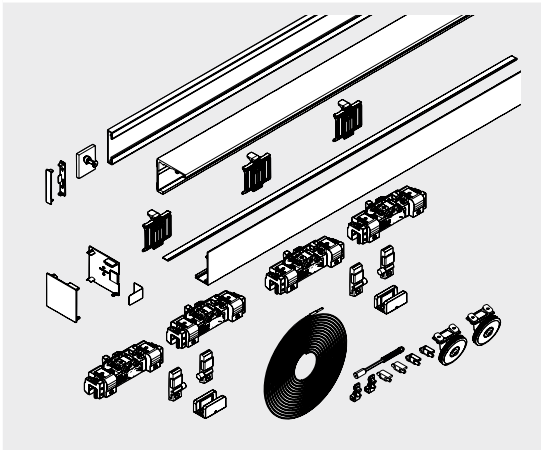
Complete sets – individual lengths, with two door panels

Note: Please indicate the clear width (LW) or the track length when ordering. When "mounting on glass", please specify only the clearance (LW). Glass preparation see page 55.

	Product description	Glass thickness	Art. No.
	MUTO Premium XL 80/150 Set for wall installation (with two door panels) Individual profile length up to max. 5,940 mm incl. track profile, cover profile and brushes, DORMOTION unit*, accessory sets, end caps		
	incl. DORMOTION XL – 80 max. 80 kg/min. 810 mm/max. 1,470 mm	8–13.5 mm	36.526
	incl. DORMOTION XL – 150 max. 150 kg/min. 1,020 mm/max. 1,470 mm	8–13.5 mm	36.527
	MUTO Premium XL 80/150 Set for ceiling installation (with two door panels) Individual profile length up to max. 5,940 mm incl. track profile, cover profile and brushes, DORMOTION unit*, accessory sets, end caps		
	incl. DORMOTION XL – 80 max. 80 kg/min. 810 mm/max. 1,470 mm	8–13.5 mm	36.528
	incl. DORMOTION XL – 150 max. 150 kg/min. 1,020 mm/max. 1,470 mm	8–13.5 mm	36.529
	MUTO Premium XL 80/150 Set for glass installation (with two door panels) Individual profile length up to max. 5,940 mm incl. track profile, cover profile and brushes, counter profile, DORMOTION unit*, accessory sets, end caps		
	incl. DORMOTION XL – 80 max. 80 kg/min. 810 mm/max. 1,470 mm	8–13.5 mm	36.530
	incl. DORMOTION XL – 150 max. 150 kg/min. 1,020 mm/max. 1,470 mm	8–13.5 mm	36.531

Note: Please take note of glass preparation on page 56

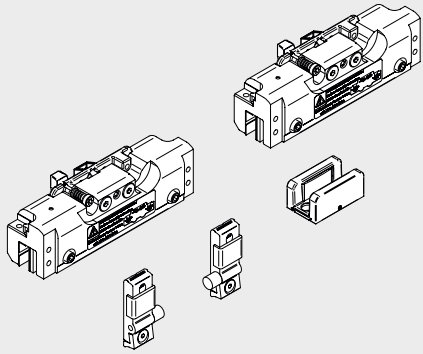
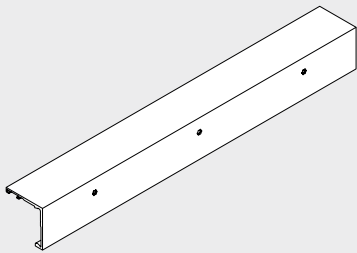
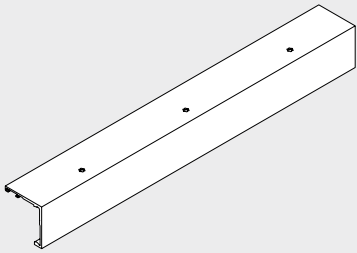
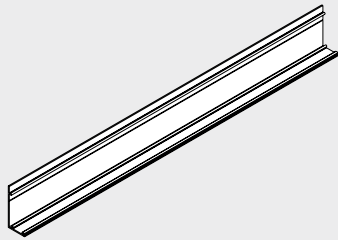
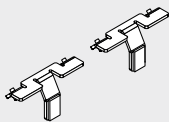
*When using a DORMOTION damping unit, we recommend installation of a pull handle.

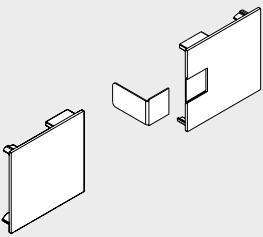
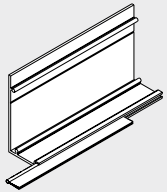
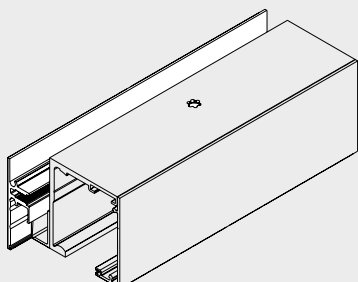
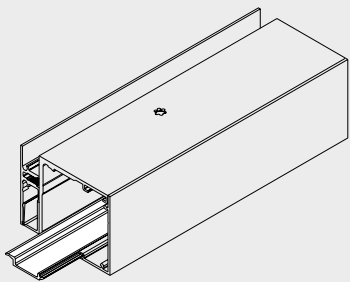
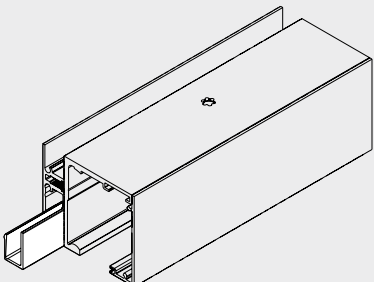
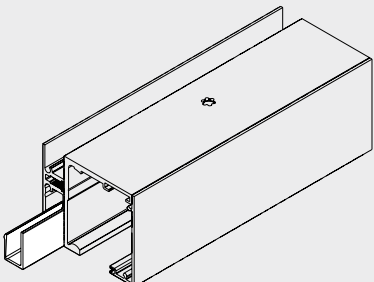
	Product description	Glass thickness	Art. No.
	Premium XL Synchro Set for 2-panel door, wall installation, fixed length without DORMOTION Profile length xxxx mm* (max. 5,940 mm) Min. panel width 660 mm Max. panel width 1,470 mm Incl. track profile, cover profile and brushes	8–13.5 mm	36.532
	Premium XL Synchro Set for 2-panel door, ceiling installation, fixed length without DORMOTION Profile length xxxx mm* (max. 5,940 mm) Min. panel width 660 mm Max. panel width 1,470 mm Incl. track profile, cover profile and brushes Complete accessories for 8 – 13.5 mm glass thickness	8–13.5 mm	36.533
	Premium XL Synchro Set for 2-panel door, glass installation, fixed length without DORMOTION Profile length xxxx mm* (max. 5,940 mm) Min. panel width 660 mm (min. LW 1,266 mm) Max. panel width 1,470 mm (max. LW 2,886 mm) Incl. track profile, cover profile, counter profile and brushes	8–13.5 mm	36.534

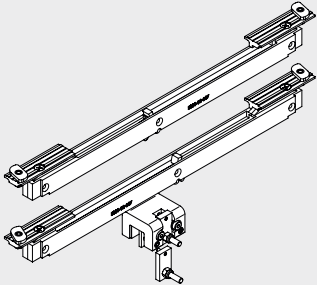
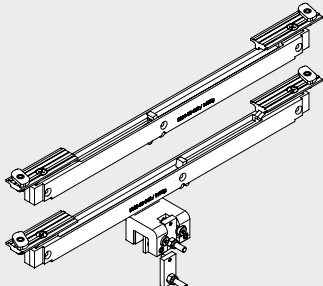
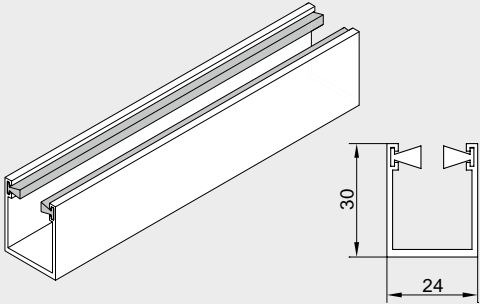
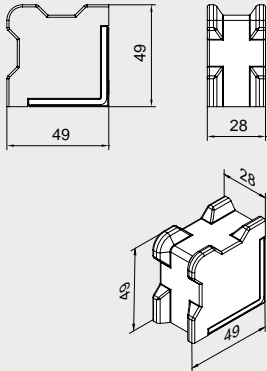
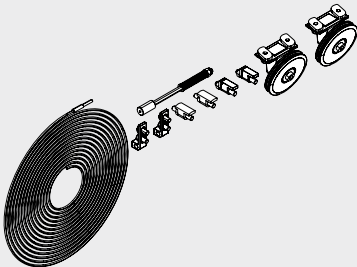
* to be defined by customer (Please take note of glass preparation on page 54)

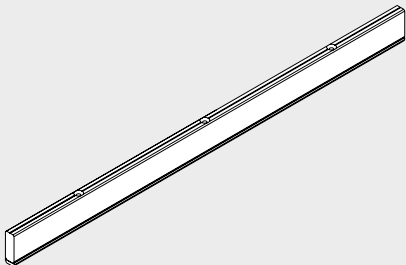
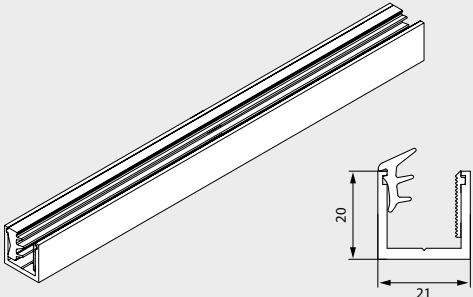
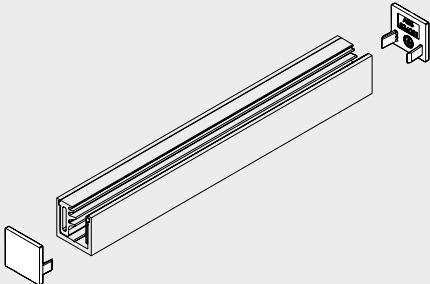
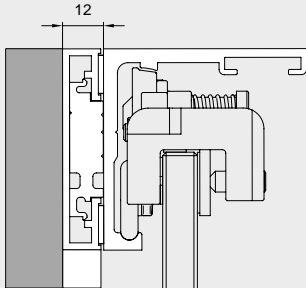
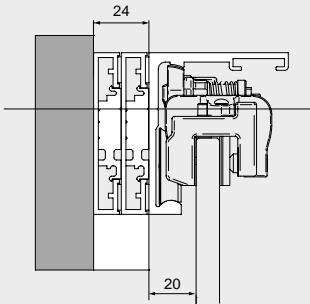
Note: Please indicate the clear width (LW) or the track length when ordering. For "mounting on glass", please specify only the clear width (LW). Observe glass processing page 54.

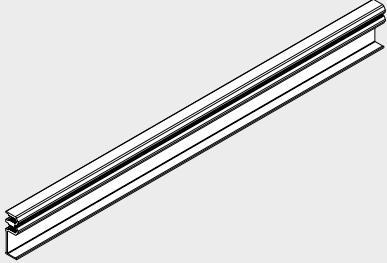
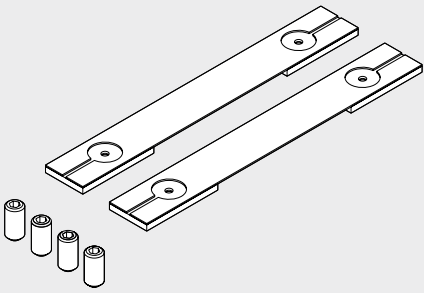
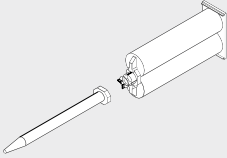
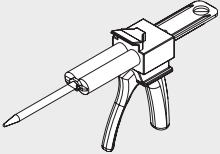
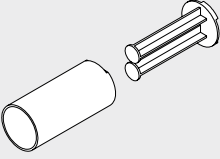
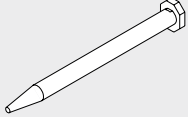
Component parts

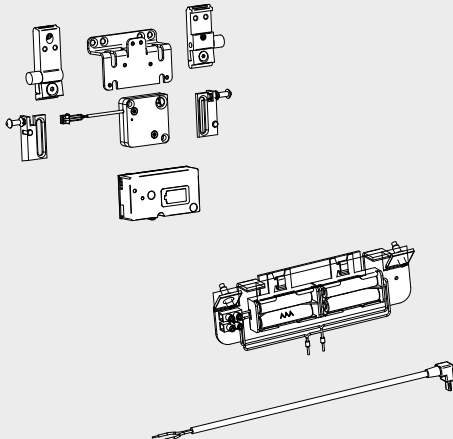
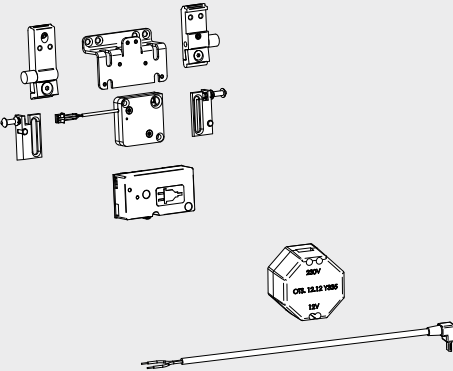
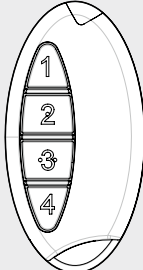
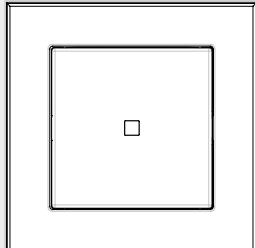
	Product description	Art. No.
	MUTO Premium XL 80/150 Accessory set Consisting of: 2 Clamp carriers 2 Endstops 1 Floor guide	36.550
	MUTO Premium XL 80/150 Track rail DORMOTION Fixed at wall stock length 6,000 mm fixed length	36.552 36.553
	MUTO Premium XL 80/150 Track rail DORMOTION Fixed at ceiling stock length 6,000 mm fixed length	36.554 36.555
	MUTO Premium XL 80/150 Cover profile stock length 6,000 mm fixed length	36.566 36.567
	MUTO spacer (2 pieces) for installation between two walls	36.890

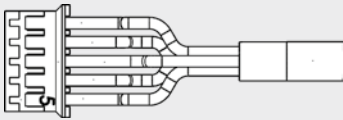
	Product description	Art. No.
	MUTO Premium XL 80/150 Set endcaps for wall and ceiling installation	36.556
	MUTO Brush profile set for Comfort L and Premium XL Consisting of: 1 brush profile 8 – 10 mm glass 1 brush profile 12 – 13.5 mm glass	36.265
	MUTO Premium XL 80/150 Side light profile 69 mm high, with gaskets, for 8 – 13.5 mm glass stock length 6,000 mm fixed length	36.469 36.474
	When installing between two walls, please give particular attention to the width of the end covers (each 2 mm).	
	MUTO Filling profile for Comfort L, Premium XL and Self-Closing, for side light profile stock length 6,000 mm fixed length	36.800 36.801
	MUTO Filling profile for Comfort L, Premium XL and Self-Closing, stock length 6,000 mm fixed length	36.802 36.803
	MUTO Premium XL 80/150 End caps for side light profile, 58 mm high each 2 mm width (When installing between two walls, please give particular attention to it.)	36.471

	Product description	Art. No.
	MUTO Premium XL 80 DORMOTION unit 2021 Panel width min. 660 mm for max. 80 kg, incl. starter When using a DORMOTION damping unit, we recommend installation of a pull handle.	36.570
	MUTO Premium XL 150 DORMOTION unit 2021 Panel width min. 660 mm for max. 150 kg, incl. starter When using a DORMOTION damping unit, we recommend installation of a pull handle.	36.571
	MUTO Premium XL 80/150 Subsurface floor guide track rail with brushes stock length 6,000 mm fixed length	36.561 36.562
	MUTO Comfort Floorstop for Comfort M, L and Premium XL, for glass- oder timber side light	36.851
	MUTO Premium XL 80/150 Synchro set Consisting of: 1 wire 2 pulley Max. 80 kg per panel only possible without locking device	36.560 Optional

	Product description	Art. No.
	MUTO Premium XL 80/150 Timber adapter set Profile 12.5 x 36 mm + 12.5 x 4 mm, incl. Accessories (with timber floor guide)	
	1,460 mm fixed length max. 2,500 mm Please indicate the wooden door leaf width when ordering!	36.461 36.464
	MUTO Floor profile for Comfort L and Premium XL, for fixing side light, with gaskets, for 8 – 13.5 mm glass, incl. end caps stock length 6,000 mm fixed length	36.810 36.811
	MUTO End caps (2 pieces) for Comfort L and Premium XL, for Floor profile, for fixing side light	36.812
	MUTO Premium - balance profile set 12 mm, for installation over an existing door frame; compensates for the frame thickness; fixed length	36.870
	MUTO Premium - balance profile set 24 mm, for installation over an existing door frame; compensates for the frame thickness; fixed length	36.871

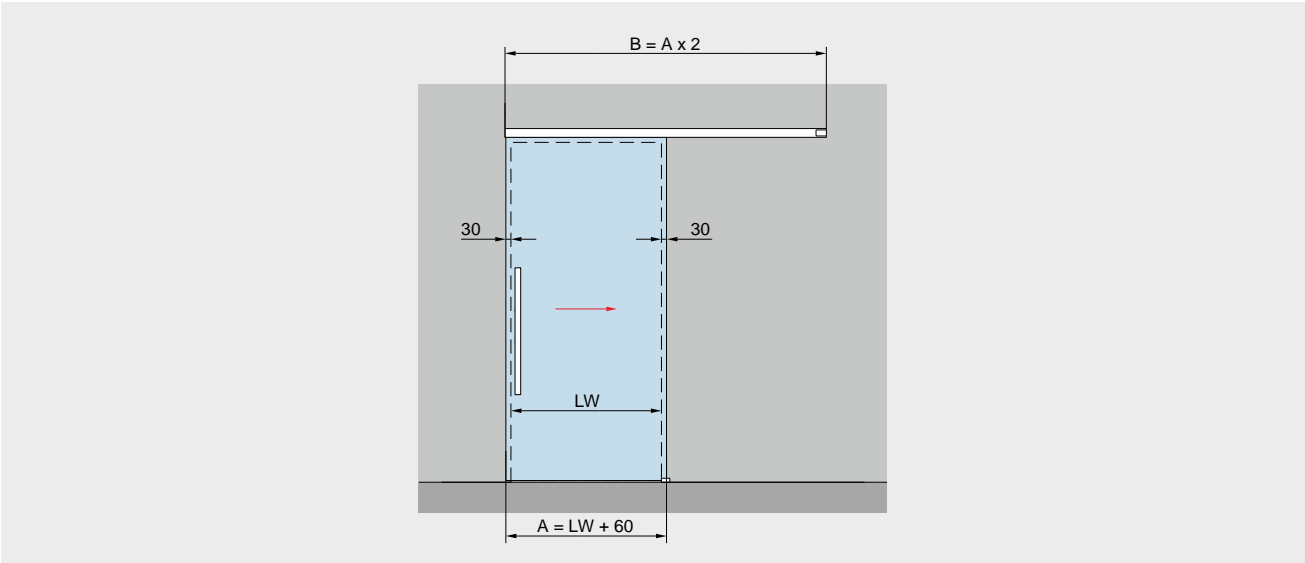
	Product description	Art. No.
	MUTO Connecting profile for false ceilings , incl. accessory set for Comfort M, L and Premium XL, stock length 6,000 mm fixed length	36.821 36.820
	MUTO Premium XL 80/150 LSG-Set Accessory set for use with LSG for one pair of clamp carrier Consisting of: 2 Gaskets 4 injector screw Please order the LSG glue 07.631 separately	36.468
	Special adhesive for use with LSG The contents of the cartridge are sufficient for 10 clamp carriers (varies if the nozzle contents have dried out!) If necessary, order additional spare nozzles (art. no. 07630).	07.631
	Automix gun for LSG Use in combination with article 07.631	07.629
	Automix adapter for LSG Use in combination with article 07.631	07.628
	Spare nozzle for LSG Use in combination with article 07.631	07.630

	Product description	Art. No.
	<p>MUTO Integrated locking device Battery for Comfort L, Premium XL, Premium Self-Closing and Premium Telescopic (not suitable as a security barrier)</p> <p>Consisting of: 1 receiver unit 1 mounting bracket for locking 1 locking device 1 stopper XL 4 batteries (Energizer L92 Ultimate Lithium: AAA1,5V) 1 battery carrier</p>	36.859
	<p>MUTO Integrated locking device Battery for Comfort L, Premium XL, Premium Self-Closing and Premium Telescopic (not suitable as a security barrier)</p> <p>Consisting of: 1 receiver unit 1 mounting bracket for locking 1 locking device 1 stopper XL</p> <p>Attention: Not suitable for Synchro version.</p>	36.886
	<p>MUTO Radio remote control for Comfort L, Premium XL and Self-Closing,</p> <p>1 Radio remote control 1 Battery</p>	38.885
	<p>MUTO Wall switch with radio remote control for Comfort L, Premium XL and Self-Closing,</p> <p>1 Wall switch 1 Battery</p>	36.848
		36.849

	Product description	Art. No.
	MUTO Accessory for locking unit for Comfort L, Premium XL and Self-Closing, 1 cable set for an optional use of the status indicator integrated in the locking unit	36.855
	MUTO Locking device set for Comfort L and Premium XL Consisting of: 1 Sensor 1 Adapter for track reception 1 Cable	36.840
	Concealed transmitter BRC-T dormakaba bi-directional flush-mounted radio transmitter BRC-T, battery-operated, for installation in a switch with a deep flush-mounting box	29301003

Vertical brush seals can be found on page 168

Type illustrations wall installation



Opening to right side, closing to left side (DIN left)

Fixed at wall	Product description	Glass thickness
<p>The diagram shows a detailed cross-section of the sliding door system. It includes the track, rollers, and the door panel. Key dimensions are labeled: 100 mm for the track width, 69 mm for the track height, 24 mm for the roller height, 45 mm for the roller width, 32 mm for the door panel height, 20 mm for the roller offset, and 10 ± 5 mm for the door panel offset. The total height is labeled 'H', the clear opening height is 'LH', and the glass height is 'GH1 = LH + 22 + X'. The glass thickness is 't1'.</p>	<p>For installation with one door panel</p> <p>Max. weight of door panels 120 kg</p> <p>Calculation of glass height $GH1 = LH + 22 + X$ mm max. 3,000 mm</p> <p>Calculation of glass width $A = LW + 60$ mm min. 850 mm (DORMOTION on one side) Max. travel 1,450 mm</p>	8 – 13.5 mm

Right: Opening to right side, closing to left side (DIN Left)
Left: Opening to left side, closing to right side (DIN Right)

- A = Glass width

B = Length of track

GH1 = Glass height sliding door

H = Total height

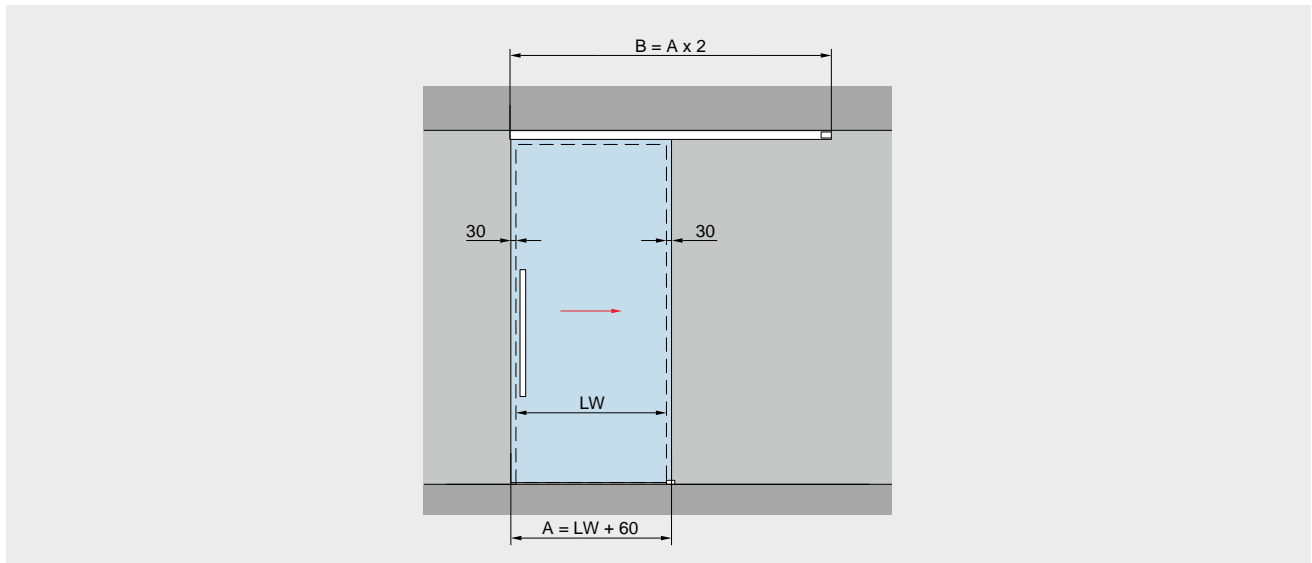
LH = Clear opening height
- LW = Clear opening width

t1 = Glass thickness sliding door

Y = 100 mm – 20 mm – t

X = Freely selectable protrusion (depending on structural conditions)

Type illustrations ceiling installation



Opening to right side, closing to left side (DIN left)

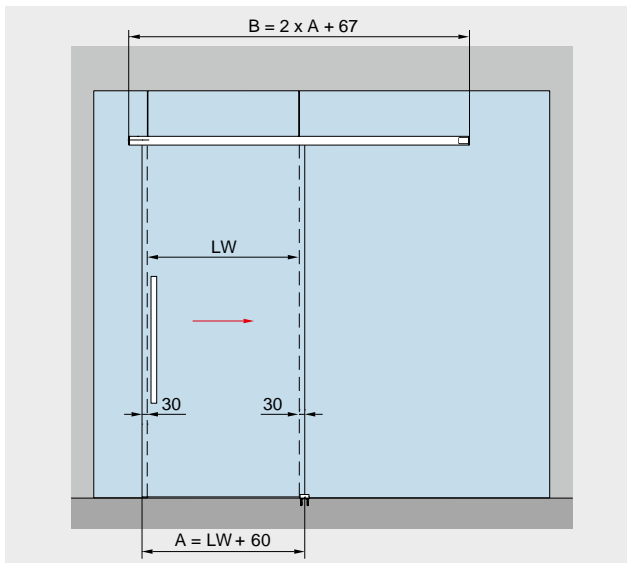
Fixed at ceiling	Product description	Glass thickness
	For installation with one door panel	8 – 13.5 mm
	Max. weight of door panels 120 kg	
	Calculation of glass height $GH1 = H - 47 \text{ mm}$ max. 3,000 mm	
	Calculation of glass width $A = LW + 60 \text{ mm}$ min. 850 mm (DORMOTION on one side) Max. travel 1,450 mm	

Right: Opening to right side, Closing to left side (DIN Left)
 Left: Opening to left side, Closing to right side (DIN Right)

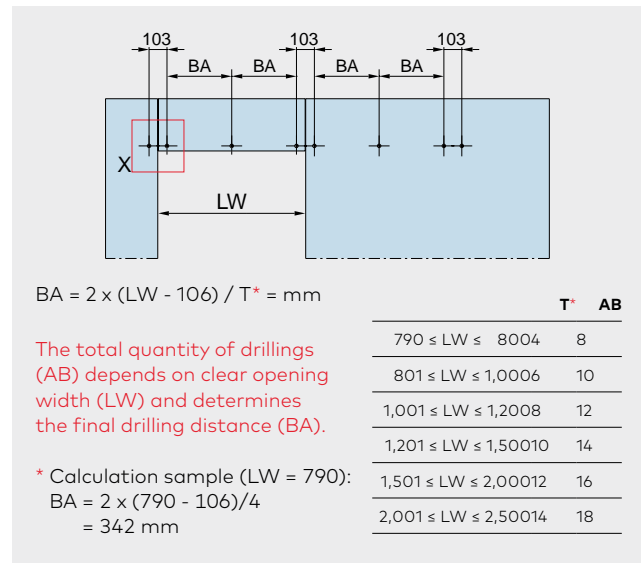
A = Glass width
 B = Length of track
 GH1 = Glass height sliding door
 H = Total height

LH = Clear opening height
 LW = Clear opening width
 t1 = Glass thickness sliding door
 Y = 100 mm – 20 mm – t

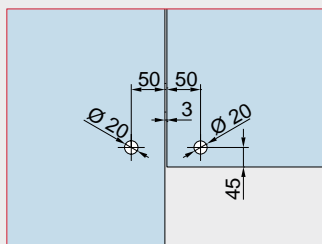
Type illustrations glass installation



Opening to right side, closing to left side (DIN left)



Glass preparation



Detail X

Product description

For installation with one door panel

8 – 13.5 mm

Max. weight of door panels

120 kg

Calculation of glass height

GH = LH + 22 mm, max. 3,000 mm

Calculation of glass width

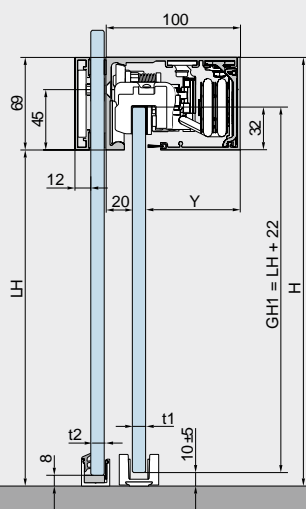
A = LW + 60 mm, min. 850 mm (DORMOTION on one side)

Max. travel 1,450 mm

Fixed at glass

Product description

Self-Closing 120



To ensure a correct and aligned mounting of the track rail, a fully supporting fixed panel must be installed.

MUTO Premium

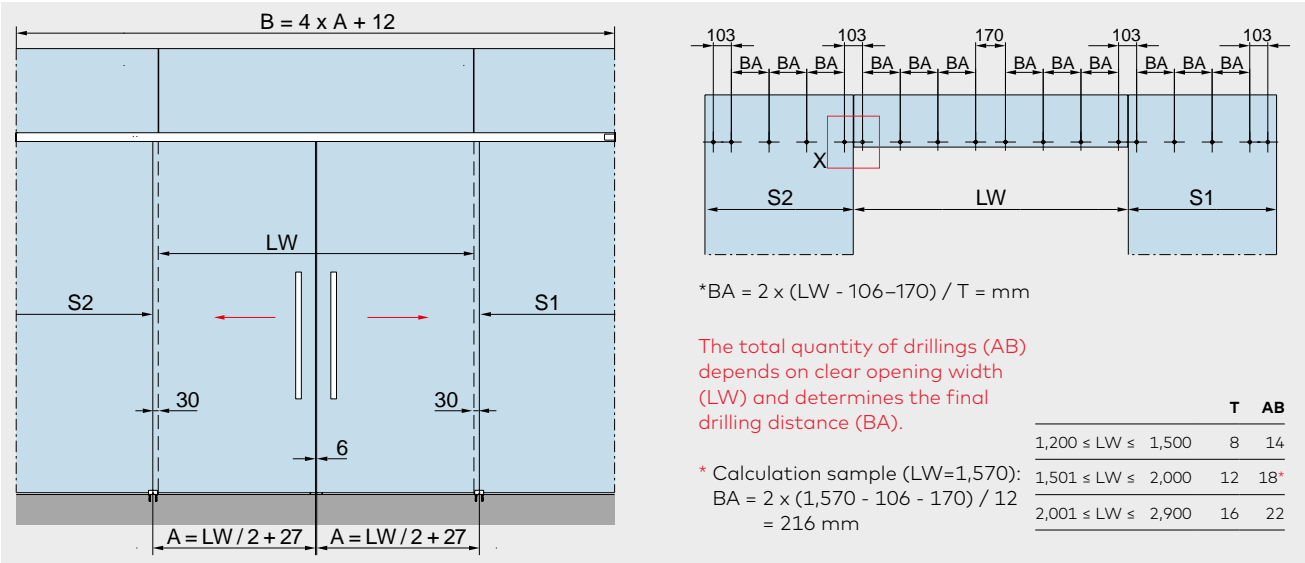
min. glass width	850 mm
min. clear opening width	790 mm
Max. travel	1,450 mm
max. clear opening width	2,886 mm

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
 GH1 = Glass height sliding door

T = Quantity of drillings distance signed with BA
 t1 = Glass thickness sliding door (8 – 13.5 mm)
 t2 = Glass thickness fixed panel (10 – 19 mm)
 Y = 100 mm – 20 mm – t1

Type illustrations with two door panels fixed at glass

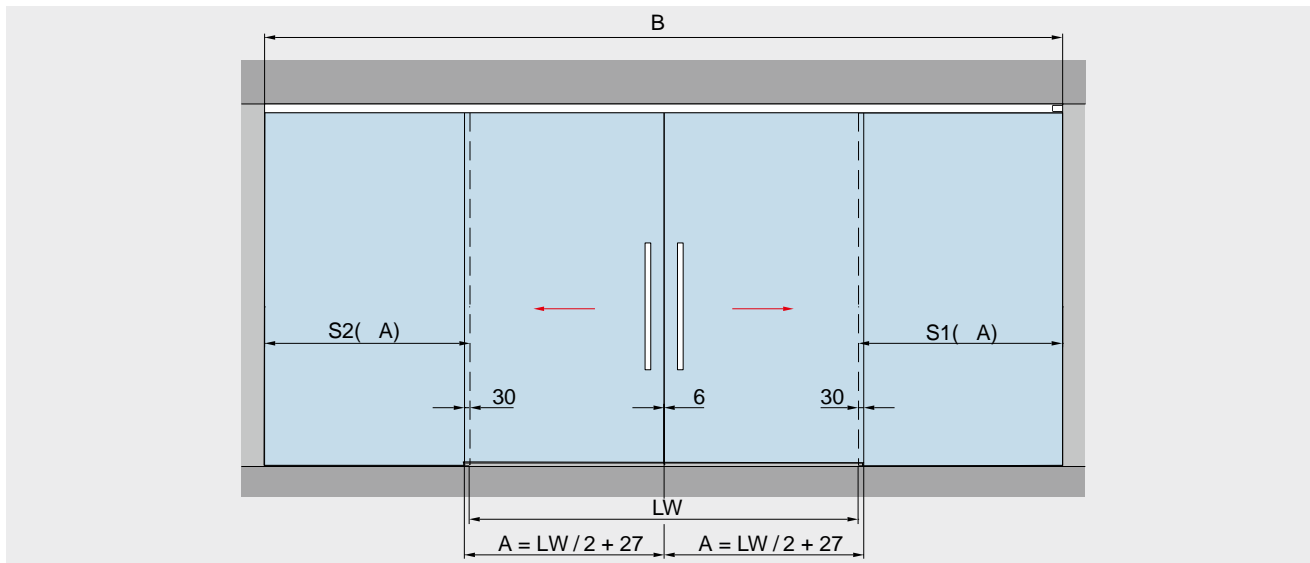


You will find a calculation tool for the glass preparation of the fixed parts MUTO on glass under the following link <https://glas-innovationen.com/glass-innovations/muto>

Glass preparation	Product description	Glass thickness												
<div><p>Detail X</p></div>	<p>For installation with two door panels</p> <p>Max. weight of door panels 120 kg</p> <p>Calculation of glass height GH = LH + 22 mm, max. 3,000 mm</p> <p>Calculation of glass width A = LW / 2 + 27 mm min. 850 mm max. 2 x 1,470 mm</p>	8 – 13.5 mm												
Fixed at glass	Merkmale und Daten	Self-Closing 120												
<div></div>	<p>To ensure a correct and aligned mounting of the track rail, a fully supporting fixed panel must be installed.</p> <table><tr><td>min. glass width without DORMOTION</td><td>–</td></tr><tr><td>min. clear opening width without DORMOTION</td><td>–</td></tr><tr><td>min. door width</td><td>850 mm</td></tr><tr><td>min. clear opening width</td><td>1,646 mm</td></tr><tr><td>max. door width</td><td>1,470 mm</td></tr><tr><td>max. clear opening width</td><td>2,886 mm</td></tr></table>	min. glass width without DORMOTION	–	min. clear opening width without DORMOTION	–	min. door width	850 mm	min. clear opening width	1,646 mm	max. door width	1,470 mm	max. clear opening width	2,886 mm	
min. glass width without DORMOTION	–													
min. clear opening width without DORMOTION	–													
min. door width	850 mm													
min. clear opening width	1,646 mm													
max. door width	1,470 mm													
max. clear opening width	2,886 mm													

A	=	Glass width	H	=	Total height	T	=	Quantity of drilling distance signed with BA
AB	=	Quantity of drillings	LH	=	Clear opening height	t1	=	Glass thickness sliding door
B	=	Length of track	LW	=	Clear opening width	t2	=	Glass thickness fixed panel (10 – 19 mm)
BA	=	Drilling distance	GH1	=	Glass height sliding door	Y	=	100 mm – 20 mm – t1

Type illustrations with two door panels with sidelight



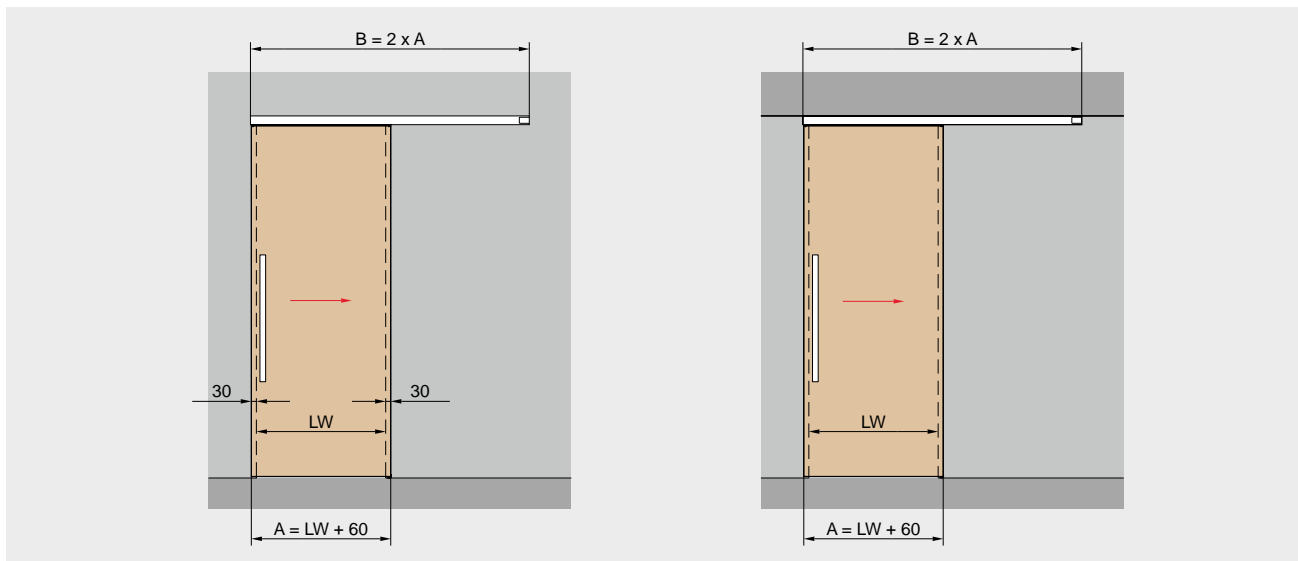
Fixed at ceiling	Fixed at false ceiling	Product description	Glass thickness

Right: Opening to right side, closing to left side (DIN Left)
 Left: Opening to left side, closing to right side (DIN Right)

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 = 100 mm – 20 mm – t1

Type illustrations for timber door applications



Opening to right side, closing to left side (DIN left)

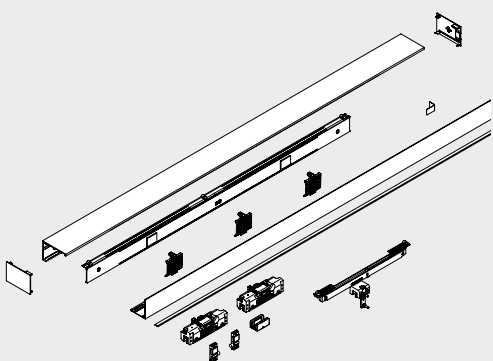
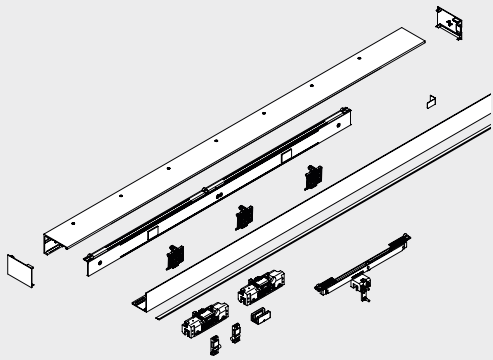
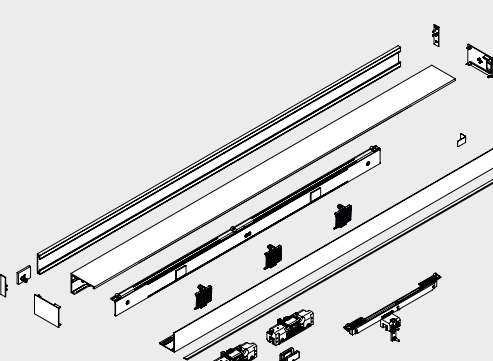
Fixed at wall	Fixed at ceiling	Product description	Wood thickness
		<p>For installation with one door panel</p> <p>Max. weight of door panels 120 kg</p> <p>Calculation of door height fixed at wall $TH = LH - 18 + X \text{ mm}$ max. 3,000 mm</p> <p>Calculation of door height fixed at ceiling $TH = H - 87 \text{ mm}$ max. 3,000 mm</p> <p>Calculation of door width $A = LW + 60 \text{ mm}$ min. 850 mm (DORMOTION on one side) Max. travel 1,450 mm</p>	28 – 50 mm

* Timber door 100 mm, solid wood, for attachment to timber adapter.

A	=	Glass width	TH	=	Door height
B	=	Length of track	u	=	Wood thickness
H	=	Total height	X	=	Freely selectable protrusion (depending on structural conditions)
LH	=	Clear opening height	Y	=	100 mm – 20 mm – t1
LW	=	Clear opening width			

Space for your notes

Complete sets - defined panel width

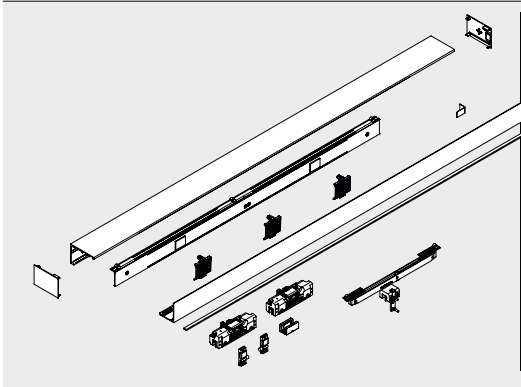
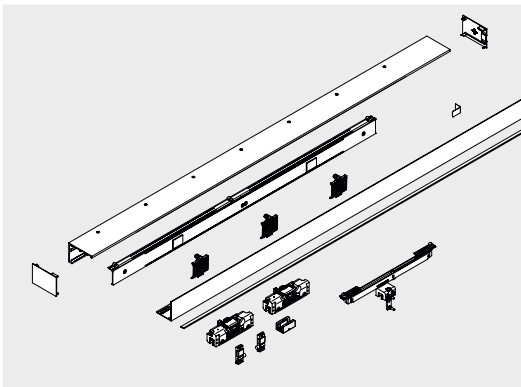
	Product description	Clear opening width	Panel width	Profile length	Art. No.	
	MUTO Premium Self-Closing 120 Fixed at wall	Right	950	1,880	36.600	
		Left	950	1,880	36.601	
		Right	1,250	2,480	36.610	
		Left	1,250	2,480	36.611	
		Right	1,450	2,880	36.602	
		Left	1,450	2,880	36.603	
	incl. track profile, cover profile and brushes, elastic cable, DORMOTION unit (on one side)*, accessory set, end caps					
	for 8 – 13.5 mm glass thickness, max. 120 kg					
	MUTO Premium Self-Closing 120 Fixed at ceiling	Right	950	1,880	36.604	
		Left	950	1,880	36.605	
		Right	1,250	2,480	36.612	
		Left	1,250	2,480	36.613	
		Right	1,450	2,880	36.606	
		Left	1,450	2,880	36.607	
	incl. track profile, cover profile and brushes, elastic cable, DORMOTION unit (on one side)*, accessory set, end caps					
	for 8 – 13.5 mm glass thickness, max. 120 kg					
	MUTO Premium Self-Closing 120 Fixed at glass	Right	850	910	1,887	36.614
		Left	850	910	1,887	36.615
		Right	1,050	1,110	2,287	36.161
		Left	1,050	1,110	2,287	36.617
		Right	1,250	1,310	2,687	36.608
		Left	1,250	1,310	2,687	36.609
	incl. track profile, cover profile and brushes, elastic cable, DORMOTION unit (on one side)*, accessory set, end caps					
	for 8 – 13.5 mm glass thickness, max. 120 kg					
	Note: Please take note of glass preparation on page 73					

Right: Opening to right side, Closing to left side (DIN Left)

Left: Opening to left side, Closing to right side (DIN Right)

*When using a DORMOTION damping unit, we recommend installation of a pull handle.

Complete sets - defined lengths

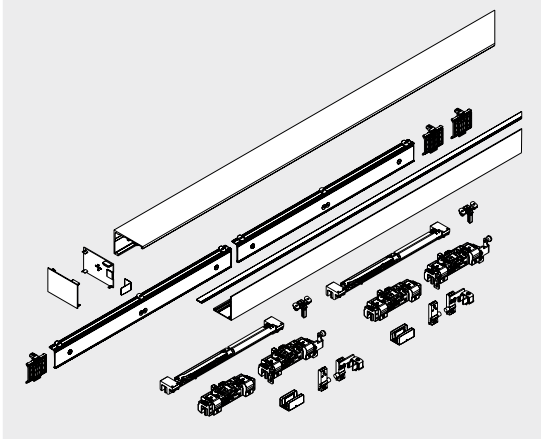
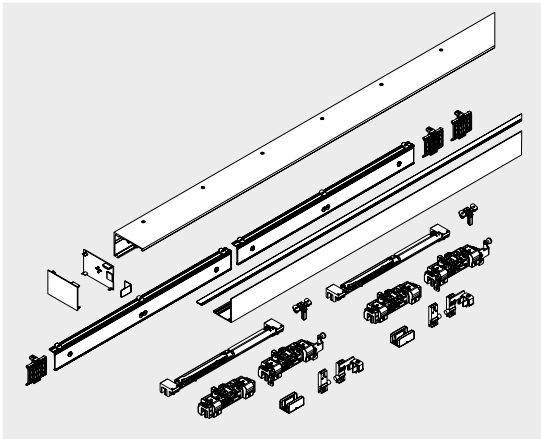
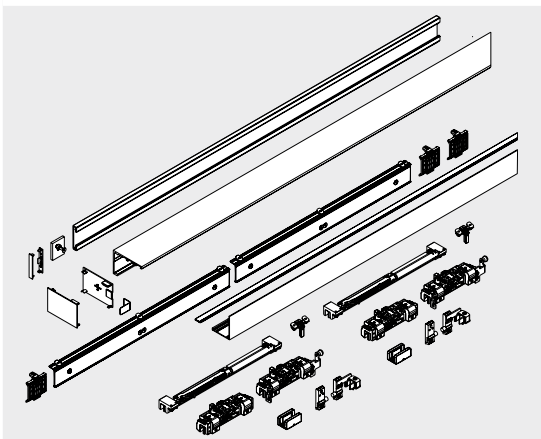
	Product description	Glass thickness	Art. No.
	MUTO Premium Self-Closing 120 Fixed at wall Individual profile length up to max. 5,940 mm min. glass width 850 mm, max. 1,500 mm incl. track profile, cover profile and brushes, elastic cable, DORMOTION unit (on one side)*, accessory set, end caps max. 120 kg Please indicate clear opening width or track length with order!	Right 8–13.5 mm Left	36.620 36.621
	MUTO Premium Self-Closing 120 Fixed at ceiling Individual profile length up to max. 5,940 mm min. glass width 850 mm, max. 1,500 mm incl. track profile, cover profile and brushes, elastic cable, DORMOTION unit (on one side)*, accessory set, end caps max. 120 kg Please indicate clear opening width or track length with order!	Right 8–13.5 mm Left	36.622 36.623
	MUTO Premium Self-Closing 120 Fixed at ceiling + side light Individual profile length up to max. 5,940 mm min. glass width 850 mm, max. 1,500 mm incl. track profile, cover profile, side light sight protection and filler profile, brushes, elastic cable, DORMOTION unit (on one side)*, accessory set, end caps max. 120 kg Please indicate track length with order!	Right 8–13.5 mm Left	36.629 36.630
	MUTO Premium Self-Closing 120 Fixed at glass Individual profile length up to max. 3,067 mm min. glass width 850 mm, max. 1,500 mm incl. track profile, cover profile and brushes, elastic cable, DORMOTION unit (on one side)*, accessory set, end caps max. 120 kg Please indicate clear opening width with order!	Right 8–13.5 mm Left	36.624 36.625

Right: Opening to right side, Closing to left side (DIN Left)

Left: Opening to left side, Closing to right side (DIN Right)

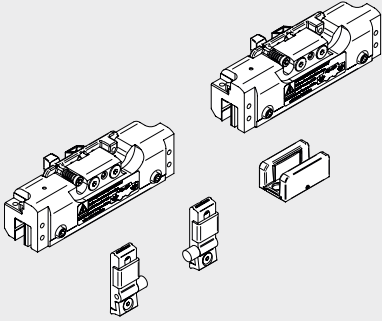
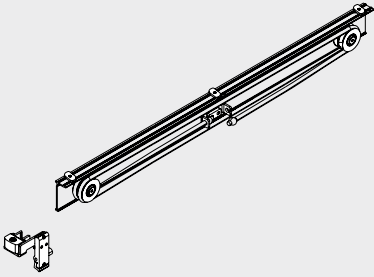
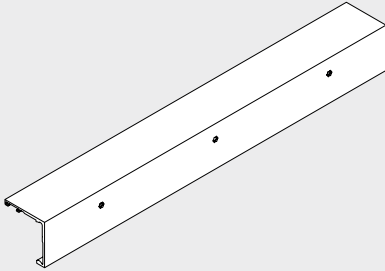
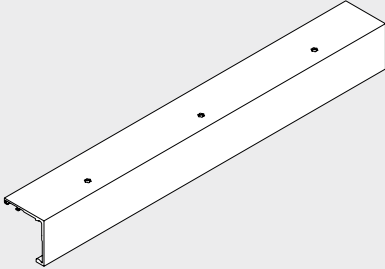
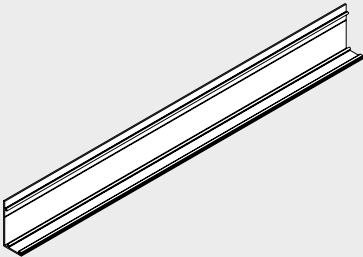
*When using a DORMOTION damping unit, we recommend installation of a pull handle.

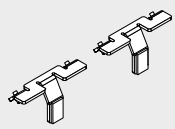
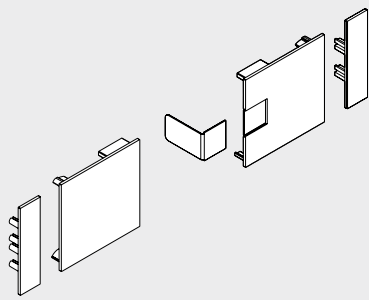
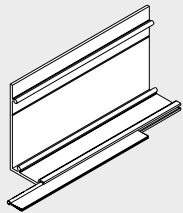
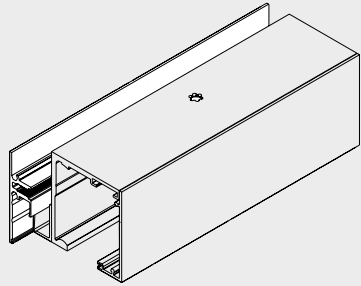
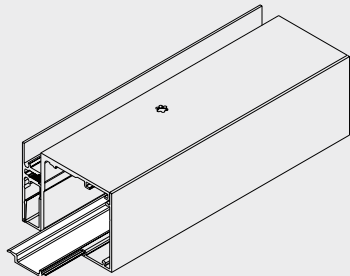
Note: Please take note of glass preparation on page 74

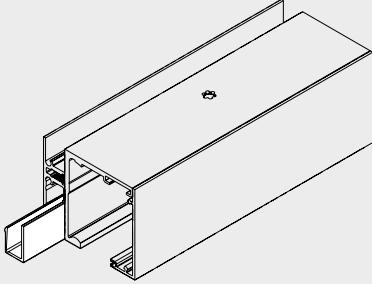
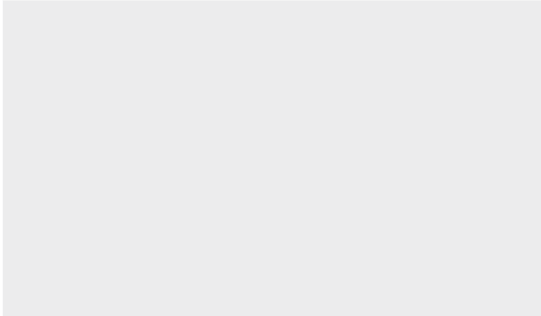
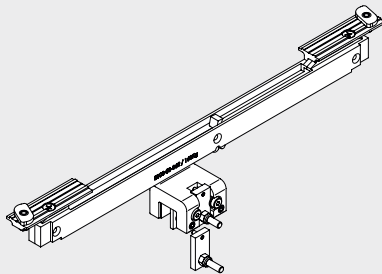
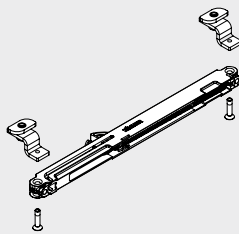
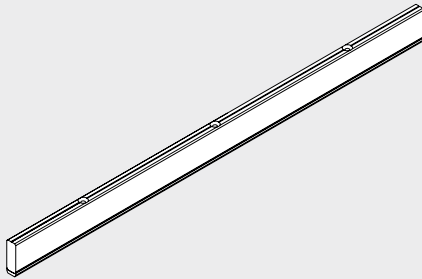
	Product description	Art. No.
	MUTO Premium Self-Closing 120 Set for doors with two panels fixed at wall, fixed length, incl. DORMOTION, max. 120 kg. min. panel width 850 mm profile length xxxx mm* (max. 5,940 mm) max. panel width 1,470 mm, incl. track profile, cover profile and brushes complete accessory for 8 - 13.5 mm glass thickness Please indicate clear opening width or track length with order!	36.626
	MUTO Premium Self-Closing 120 Set for doors with two panels fixed at ceiling, fixed length, incl. DORMOTION, max. 120 kg. min. panel width 850 mm profile length xxxx mm* (max. 5,940 mm) max. panel width 1,470 mm, incl. track profile, cover profile and brushes complete accessory for 8 - 13.5 mm glass thickness Please indicate clear opening width or track length with order!	36.627
	MUTO Premium Self-Closing 120 Set for doors with two panels fixed at glass, fixed length, incl. DORMOTION, max. 120 kg. min. panel width 850 mm (min. LW 1,646 mm) clear opening width xxxx mm* (max. 5,880 mm) max. panel width 1,470 mm (max. LW 2,886 mm), incl. track profile, cover profile, counter profile and brushes complete accessory for 8 - 13.5 mm glass thickness Please indicate clear opening width with order and take note of glass preparation on page 74	36.628

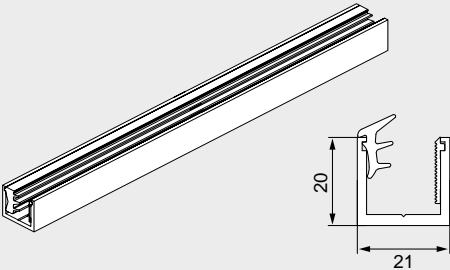
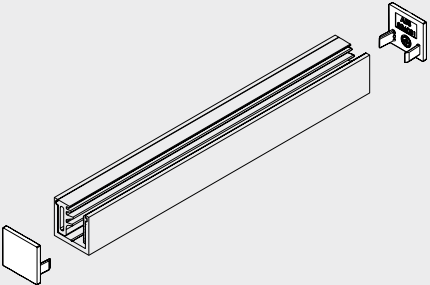
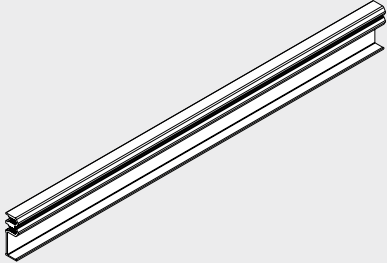
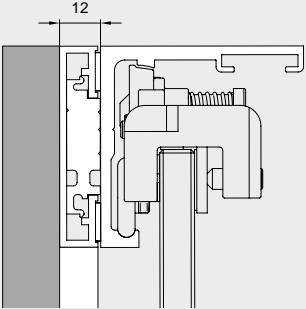
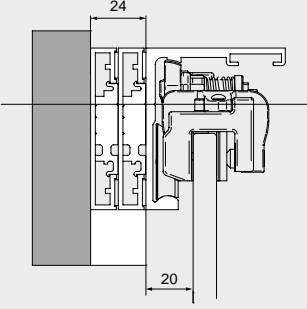
* to be defined by customer

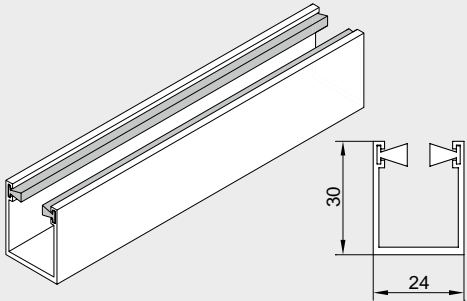
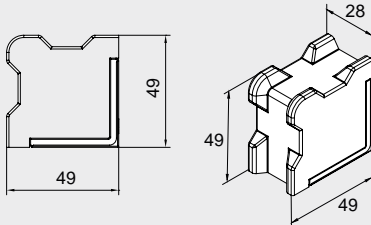
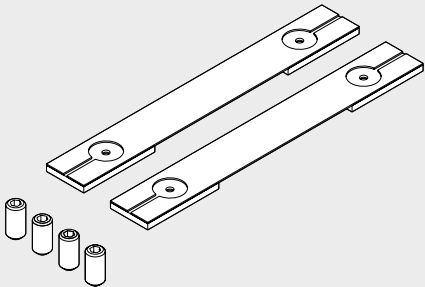
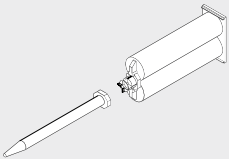
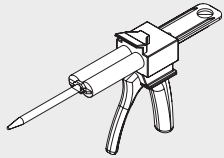
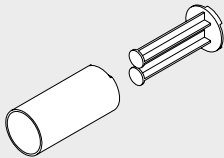
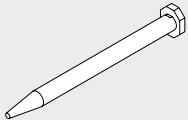
Component parts

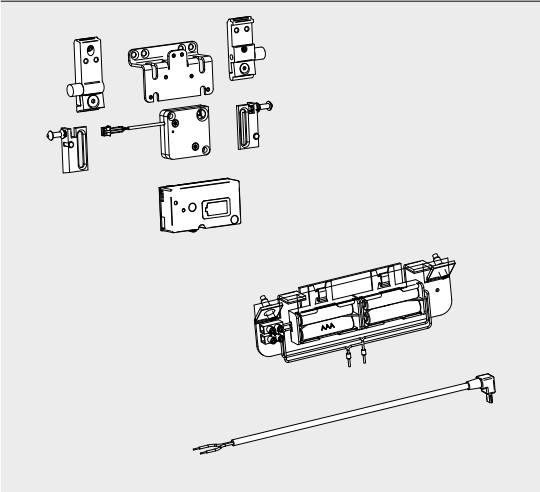
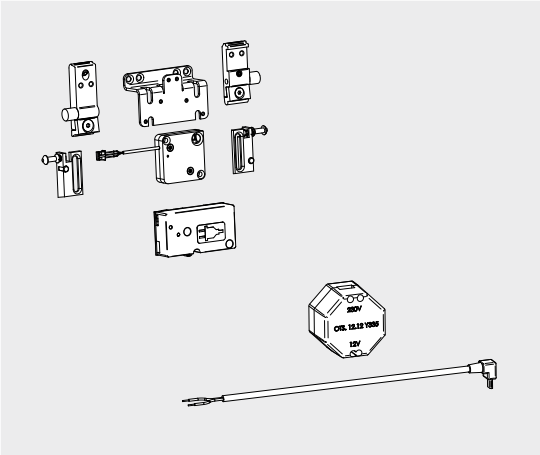
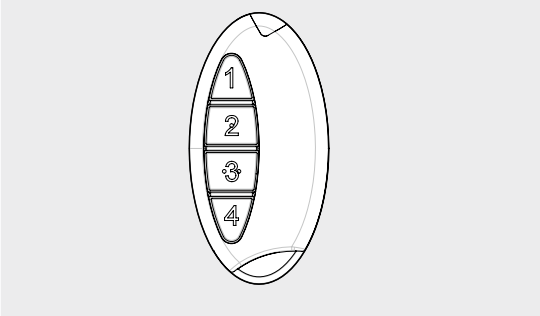
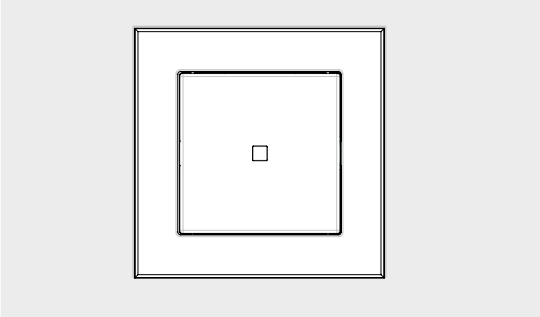
	Product description	Glass thickness	Art. No.
	MUTO Premium XL 80/150 Accessory set Consisting of: 2 Clamp carriers 2 Endstops 1 Floor guide		36.550
	MUTO Premium Self-Closing 120 Elastic cable with accessories Opening to right side, closing to left side (DIN Left) Opening to left side, closing to right side (DIN Right)		36.657 36.658 not illustr.
	MUTO Premium Self-Closing 120 Track rail for wall installation stock length 6,000 mm fixed length		36.850 36.651
	MUTO Premium Self-Closing 120 Track rail for ceiling installation stock length 6,000 mm fixed length		36.852 36.653
	MUTO Premium Self-Closing 120 Cover profile stock length 6,000 mm fixed length		36.854 36.655

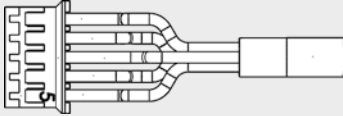
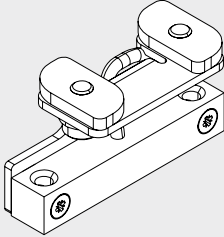
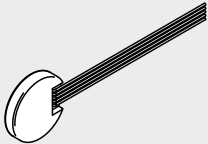
	Product description	Glass thickness	Art. No.
	MUTO spacer (2 pieces) for installation between two walls		36.890
	MUTO Premium Self-Closing 120 End caps for wall and ceiling installation		36.656
	MUTO Brush profile set for Comfort L and Premium XL Consisting of: 1 Brush profile 8 – 10 mm glass 1 Brush profile 12 – 13.5 mm glass		36.265
	MUTO Premium XL 80/150 Side light profile 69 mm high, with gaskets stock length 6,000 mm fixed length	8 – 13.5 mm 8 – 13.5 mm	36.469 36.474
	When installing between two walls, please give particular attention to the width of the end covers (each 2 mm).		
	MUTO Filling profile for Comfort L, Premium XL and Self-Closing, for side light profile stock length 6,000 mm fixed length		36.800 36.801

	Product description	Glass thickness	Art. No.
	MUTO Filling profile for Comfort L, Premium XL and Self-Closing,		
	stock length 6,000 mm fixed length		36.802 36.803
	MUTO Premium Self-Closing 120 End caps for side light profile, each 2 mm width (When installing between two walls, please give particular attention to it.)		36.471
	MUTO Premium Self-Closing 120 DORMOTION-Set – for dampening the door at the open side for max. 120 kg, with Accessories		
	Opening to right side, Closing to left side (DIN Left) Opening to left side, Closing to right side (DIN Right)		36.648 36.649 not illustr.
	MUTO Premium Self-Closing 120 optional opening damping set (maximum 120 kg) to use left or right – for dampening the door at the open side		36.666
	MUTO Premium XL 80/150 Timber adapter set Profile 12.5 x 36 mm + 12.5 x 4 mm, incl. accessories (with timber floor guide)		
	1,460 mm fixed length max. 2,500 mm		36.461 36.464
	Please indicate the wooden door leaf width when ordering!		

	Product description	Glass thickness	Art. No.
	MUTO Floor profile for Comfort L and Premium XL, for fixing side light, with gaskets, incl. end caps		
	stock length 6,000 mm fixed length	8 – 13.5 mm 8 – 13.5 mm	36.810 36.811
	MUTO End caps (2 pieces) for Comfort L and Premium XL, for Floor profile, for fixing side light		36.812
	MUTO Comfort connection profile for false ceilings incl. accessory set for Comfort M, L and Premium XL,		36.821 36.820
	MUTO Premium - balance profile set 12 mm, for installation over an existing door frame; compensates for the frame thickness; fixed length		36.870
	MUTO Premium - balance profile set 24 mm, for installation over an existing door frame; compensates for the frame thickness; fixed length		36.871

	Product description	Glass thickness	Art. No.
	MUTO Premium XL 80/150 Subsurface floor guide track rail with brushes stock length 6,000 mm fixed length		36.561 36.562
	MUTO Comfort Floorstop for Comfort L and Premium XL, for glass- oder timber side light		36.851
	MUTO Premium XL 80/150 LSG-Set Accessory set for use with LSG for one pair of clamp carrier Consisting of: 2 Gaskets 4 Injector screw Please order the LSG glue 07.631 separately		36.468
	Special adhesive for use with LSG The contents of the cartridge are sufficient for 10 clamp carriers (varies if the nozzle contents have dried out!) If necessary, order additional spare nozzles (art. no. 07.630).		07.631
	Automix gun for LSG Use in combination with article 07.631		07.629
	Automix adapter for LSG Use in combination with article 07.631		07.628
	Spare nozzle for LSG Use in combination with article 07.631		07.630

	Product description	Glass thickness	Art. No.
	MUTO Integrated locking device Battery for Comfort L, Premium XL, Premium Self-Closing and Premium Telescopic (not suitable as a security barrier) Consisting of: 1 receiver unit 1 mounting bracket for locking 1 locking device 1 stopper XL 4 batteries (Energizer L92 Ultimate Lithium: AAA1,5V) 1 battery carrier		36.859
	Battery for re-ordering		36.886
	MUTO Integrated locking device Battery for Comfort L, Premium XL, Premium Self-Closing and Premium Telescopic (not suitable as a security barrier) Consisting of: 1 receiver unit 1 mounting bracket for locking 1 locking device 1 stopper XL		38.885
	Attention: Not suitable for Synchro version.		
	MUTO Radio remote control for Comfort L, Premium XL and Self-Closing, 1 Radio remote control 1 Battery		36.848
	MUTO Wall switch with radio remote control for Comfort L, Premium XL and Self-Closing, 1 Wall switch 1 Battery		36.849

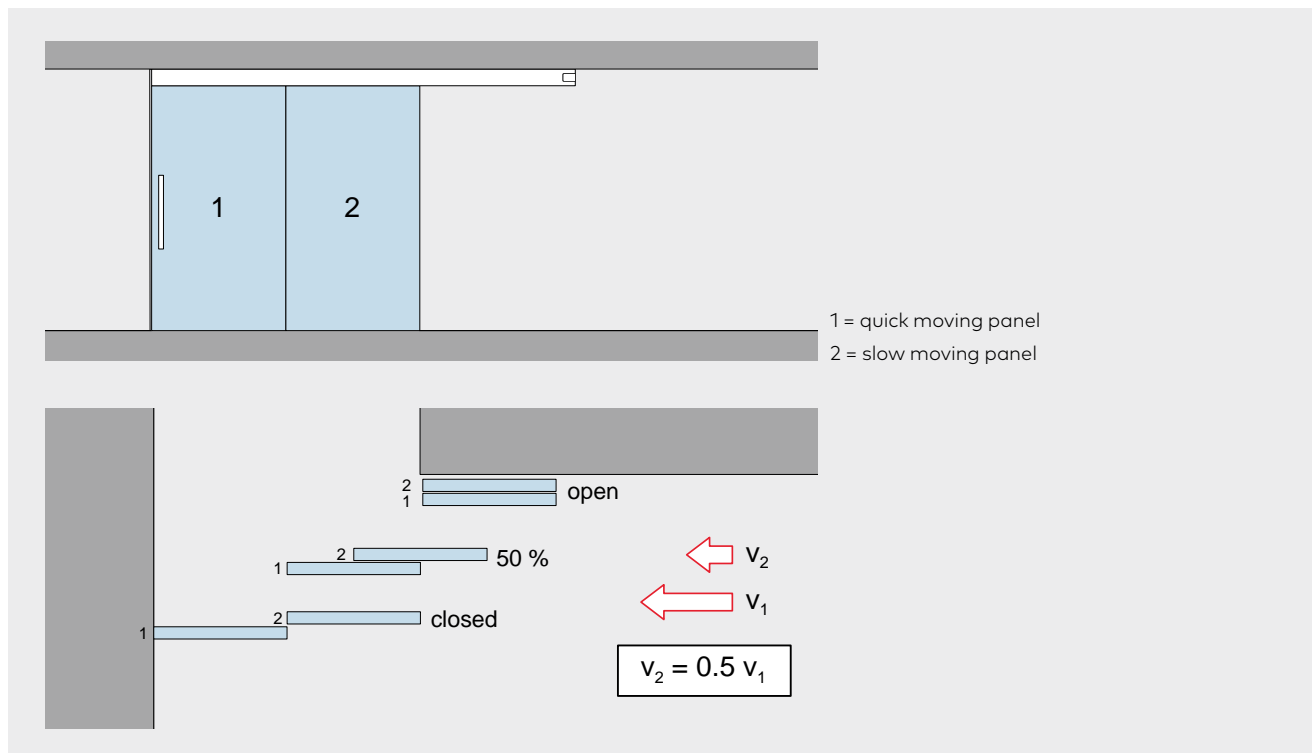
	Product description	Glass thickness	Art. No.
	MUTO Accessory for locking unit for Comfort L, Premium XL and Self-Closing, 1 cable set for an optional use of the status indicator integrated in the locking unit		36.855
	MUTO Locking device set for Comfort L and Premium XL Consisting of: 1 Sensor 1 Adapter for track reception 1 Cable		36.840
	Concealed transmitter BRC-T dormakaba bi-directional flush-mounted radio transmitter BRC-T, battery-operated, for installation in a switch with a deep flush-mounting box		29301003

Vertical brush seals can be found on page 168

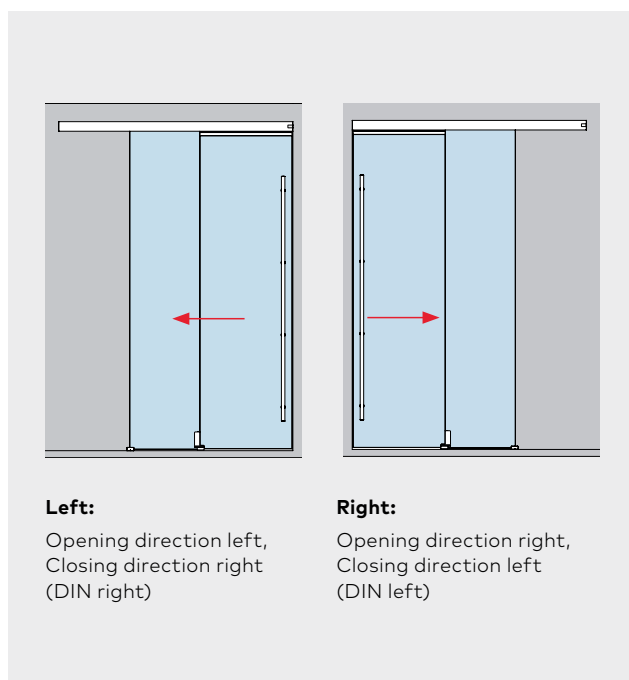
MUTO Premium Telescopic 80

Huge light openings, but small space requirement

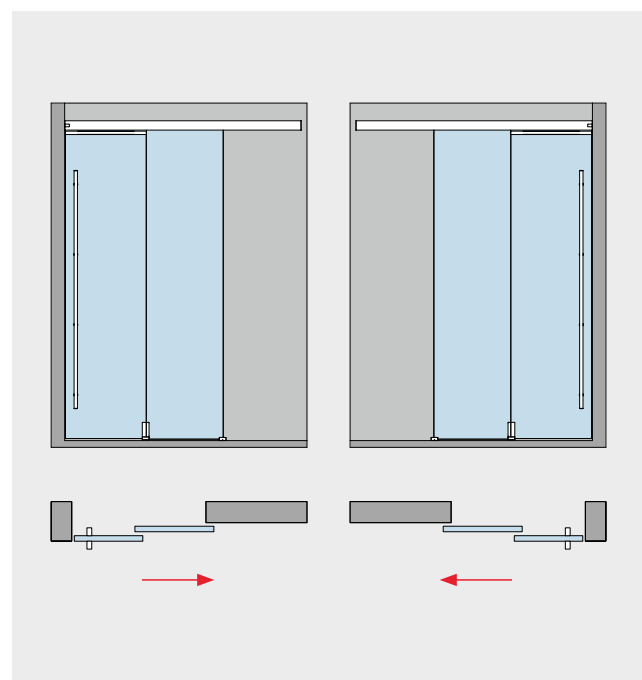
- Telescopic functionality.
- Synchronized panels, that means simultaneous movement of panel 1 (quick moving panel) and panel 2 (slow moving panel <= half speed of quick moving panel)
- DORMOTION functionality (optional)
- Integrated locking device (optional)
- Status indicator (optional)



Opening directions



Installation 90° stopped

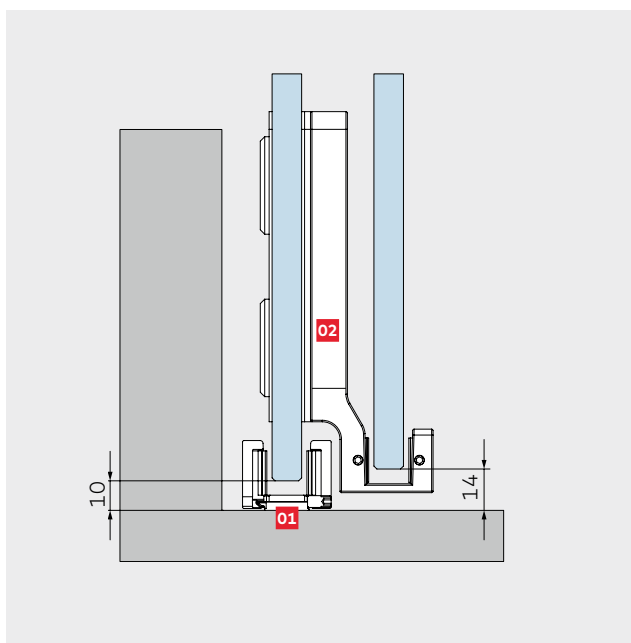


Floor guide variants

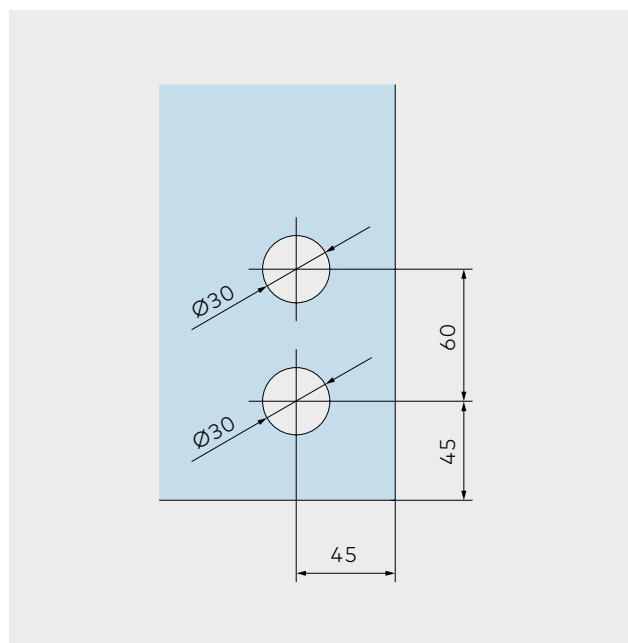
- Surface mounted variant glass door
- Recessed variant glass door
- Surface mounted variant timber door

01 Standard fixed floor guide for guiding the slow moving panel (slow moving panel)

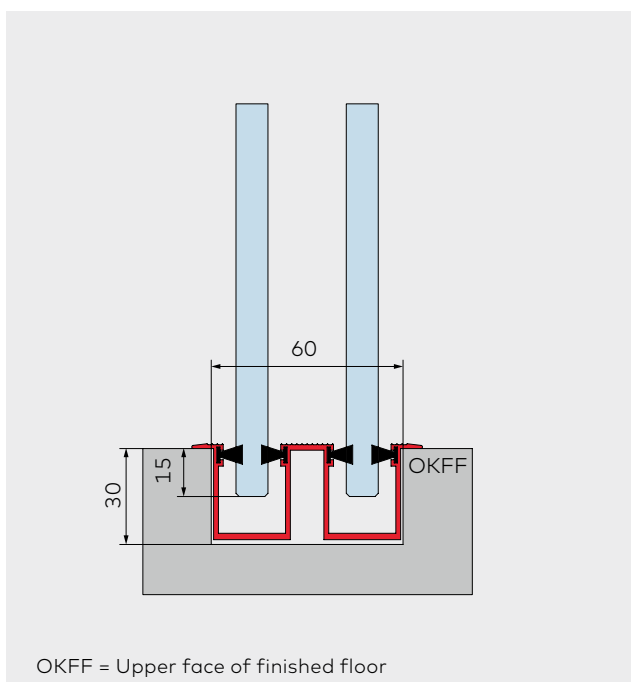
02 Moving floor guide for guiding the moving panel (quick moving panel)



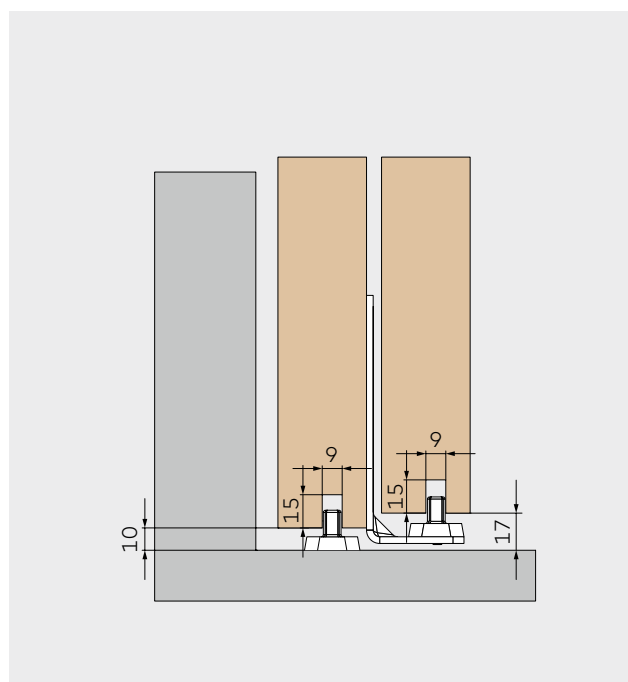
Glass preparation for moving floor guide



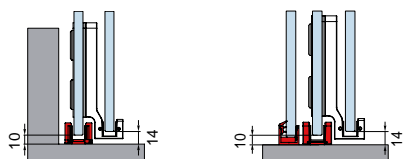
Recessed floor guide for guiding the slow and quick moving panels



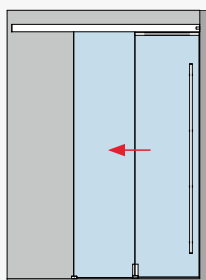
Floor guide situation with timber doors



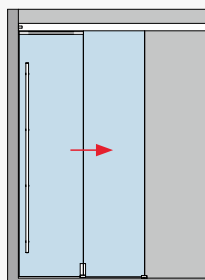
Glass panel with moving floor guide



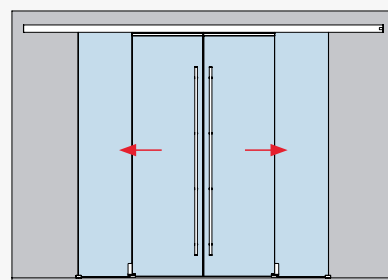
Glass door (8 - 13.5 mm) for the installation at wall - 2 and 4 panels



Set 1

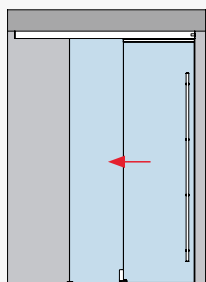


Set 2

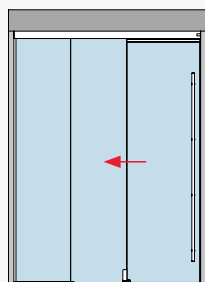


Set 3

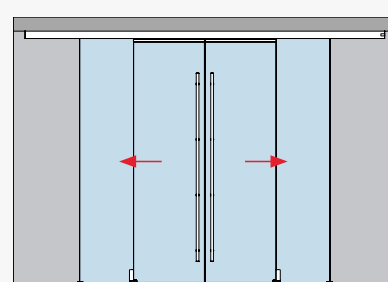
Glass door (8 - 13.5 mm) for the installation at ceiling / with side light (10 - 19 mm) - 2 and 4 panels



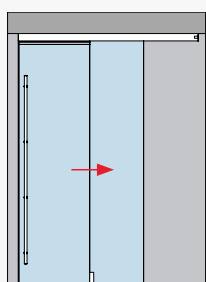
Set 4



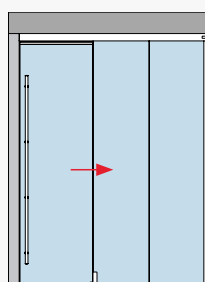
Set 5



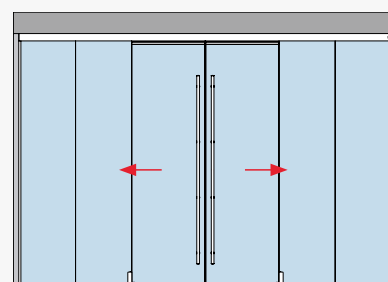
Set 6



Set 7

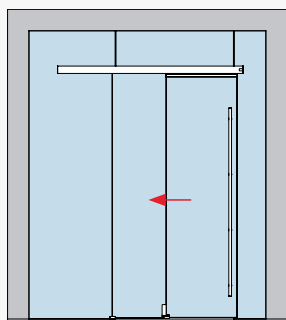


Set 8

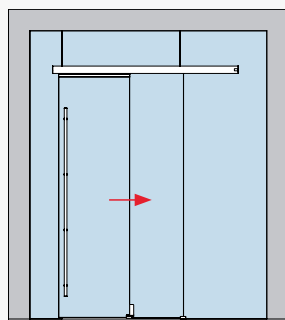


Set 9

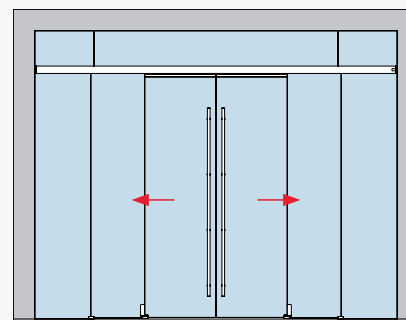
Glass door (8 - 13.5 mm) with glass overpanel and glass side lights (10 - 19 mm) - 2 and 4 panels



Set 10

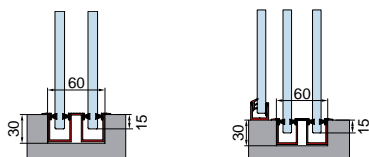


Set 11

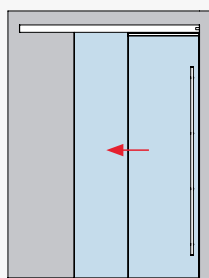


Set 12

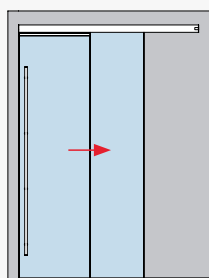
Glass panel with recessed floor guide profile



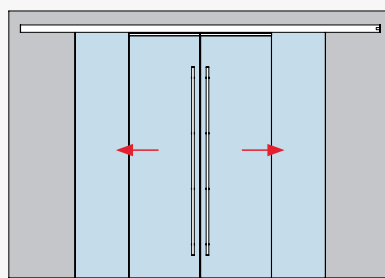
Glass door (8 - 13.5 mm) for the installation at wall - 2 and 4 panels



Set 13

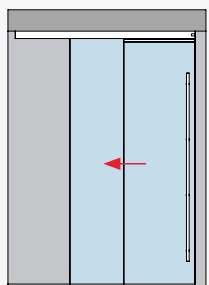


Set 14

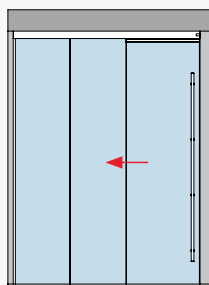


Set 15

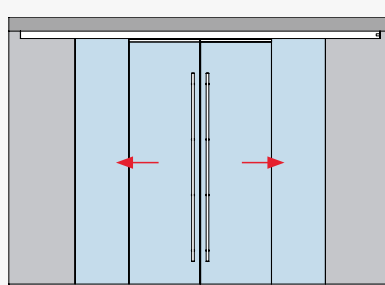
Glass door (8 - 13.5 mm) for the installation at ceiling / with side light (10 - 19 mm) - 2 and 4 panels



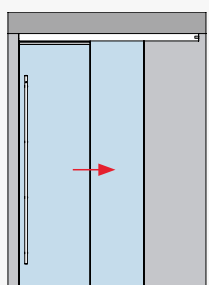
Set 16



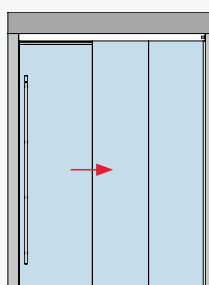
Set 17



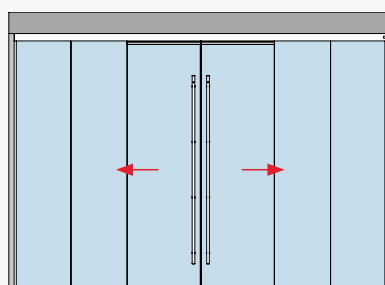
Set 18



Set 19

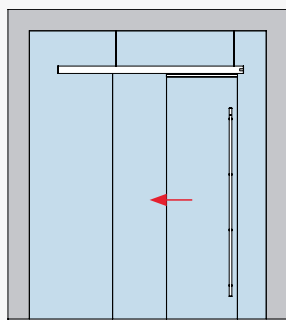


Set 20

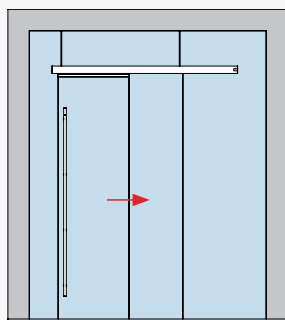


Set 21

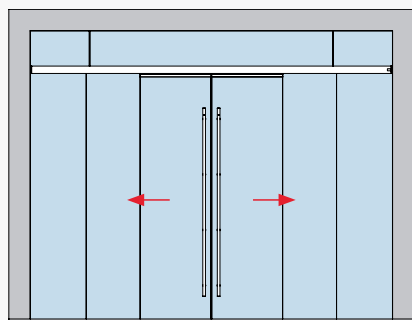
Glass door (8 - 13.5 mm) with glass overpanel and glass side lights (10 - 19 mm) - 2 and 4 panels



Set 22



Set 23






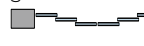
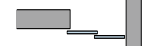
Set 24



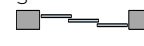
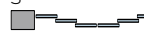

Wide openings with small panels

Unless indicated otherwise all measurements are shown in mm.

Panel width min.* – 600 mm
Panel width max.* – 1,287 mm

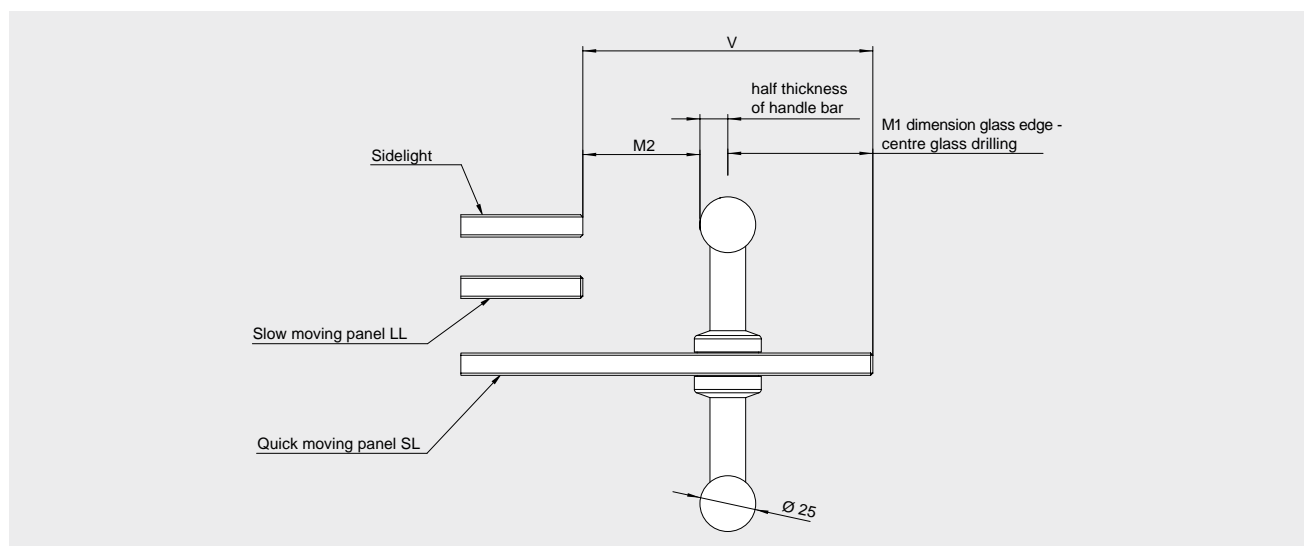
In a two-panel system, the sum of both panel widths must not exceed 2,400 mm.

without DORMOTION										
										
	without handle bar	with handle bar	without handle bar	with handle bar	without handle bar	with handle bar	without handle bar	with handle bar	without handle bar	with handle bar
Min. panel width =	600	665	600	665	600	687	600	687	600	665
Light opening width	1,110	1,110	2,286	2,286	1,750	1,750	3,496	3,496	1,145	1,145
Max. panel width =	1,200	1,265	1,000	1,065	1,200	1,287	1,000	1,087	1,200	1,265
Light opening width	2,310	2,310	3,886	3,886	3,550	3,550	5,896	5,896	2,345	2,345

with DORMOTION										
										
	without handle bar	with handle bar	without handle bar	with handle bar	without handle bar	with handle bar	without handle bar	with handle bar	without handle bar	with handle bar
Min. panel width =	790	855	790	855	790	877	790	877	790	855
Light opening width	1,490	1,490	3,046	3,046	2,320	2,320	4,636	4,636	1,525	1,525
Max. panel width =	1,200	1,265	1,000	1,065	1,200	1,287	1,000	1,087	1,200	1,265
Light opening width	2,310	2,310	3,886	3,886	3,550	3,550	5,896	5,896	2,345	2,345

* Depending on installation (see detailed overview) related to quick moving panel.

** Glass sidelight



V = Protrusion of the quick-moving panel (SL) when fitted with a pull handle
(see Data Sheet 36-747)

Hassle-free and competitive glass ordering

- Quick moving panel and slow moving panel are clamped – no additional glass preparation required
- Easy glass preparation for fixing the moving floor guide

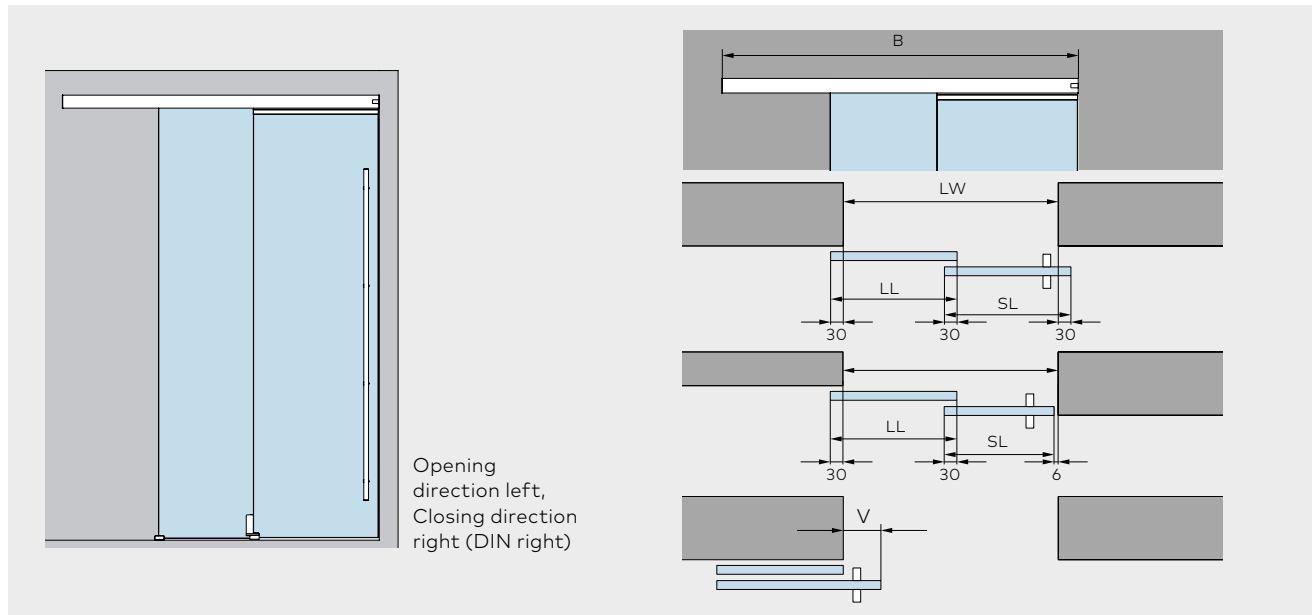
Manifold varieties

Universal usability for different panel base material

- Wall installation
- Ceiling installation
- Ceiling installation with side panels (also for lintel situations)
- Installation to glass overpanel
- LSG-usability due to "Clamp&Glue" Technology
- Applicable for glass panels and timber panels (timber panels require adapter profile)
- Max. 2 x 80 kg resp. 4 x 80 kg
- Possible glass thicknesses: 8 – 13.5 mm (continuous)

Note: The panel widths are always dependent on several factors. Before ordering the glass, it is advisable to have the panel widths checked in our company. The MUTO Premium Teleskopik 80 track is specially manufactured for each order and cannot be adjusted on site. An exact measurement is therefore important. We are happy to offer you the system, e.g. for optical reasons, also with a longer running rail than required for the respective situation. Max. delivery length of the Profiles: 5,940 mm. Translated with www.DeepL.com/Translator (free version)

Type illustrations wall installation



Fixed at wall

Product description

For installation with two door panels optional DORMOTION unit. When using a DORMOTION damping unit, we recommend installation of a pull handle.

Max. weight of door panels
80 kg.

Min. and max. panel measures
see page 92.

Calculation of track length

2 panels

$$B = 1.5 \times LW - V/2 + 85$$

2 + 2 panels

$$B = 1.5 \times LW - V + 67$$

Calculation of glass width

2 panels

$$LL = (LW - V + 90) / 2$$

$$SL = LL + V$$

2 + 2 panels

$$LL = (LW - 2 \times V + 114) / 4$$

$$SL = LL + V$$

Calculation of glass height (=surface mounted)

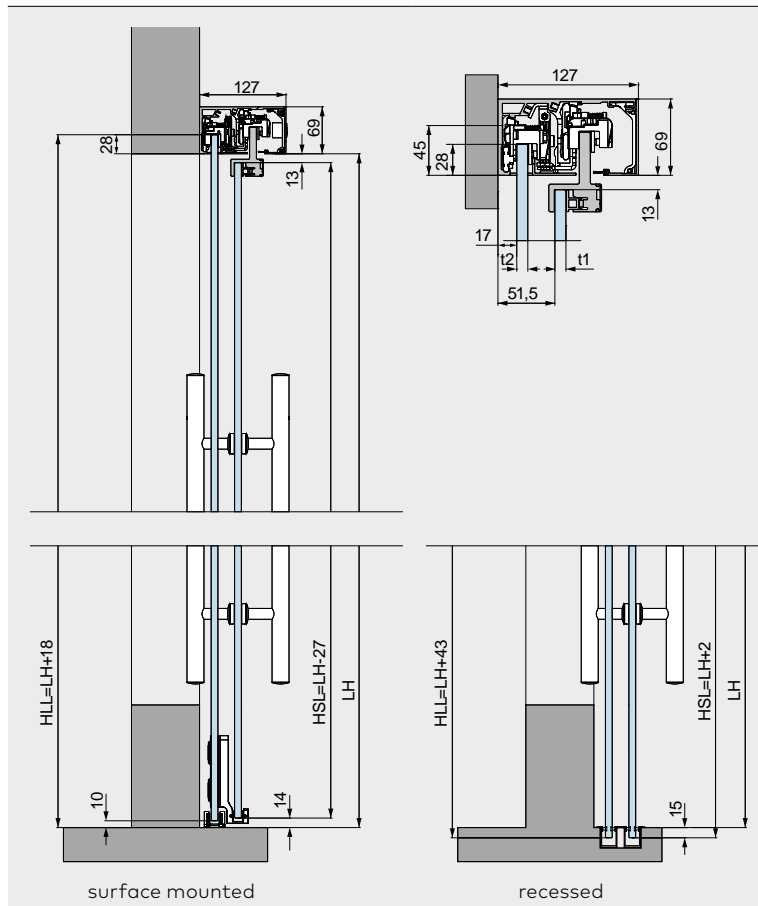
$$HLL = LH + 18$$

$$HSL = LH - 27$$

Calculation of glass height (=recessed)

$$HLL = LH + 43$$

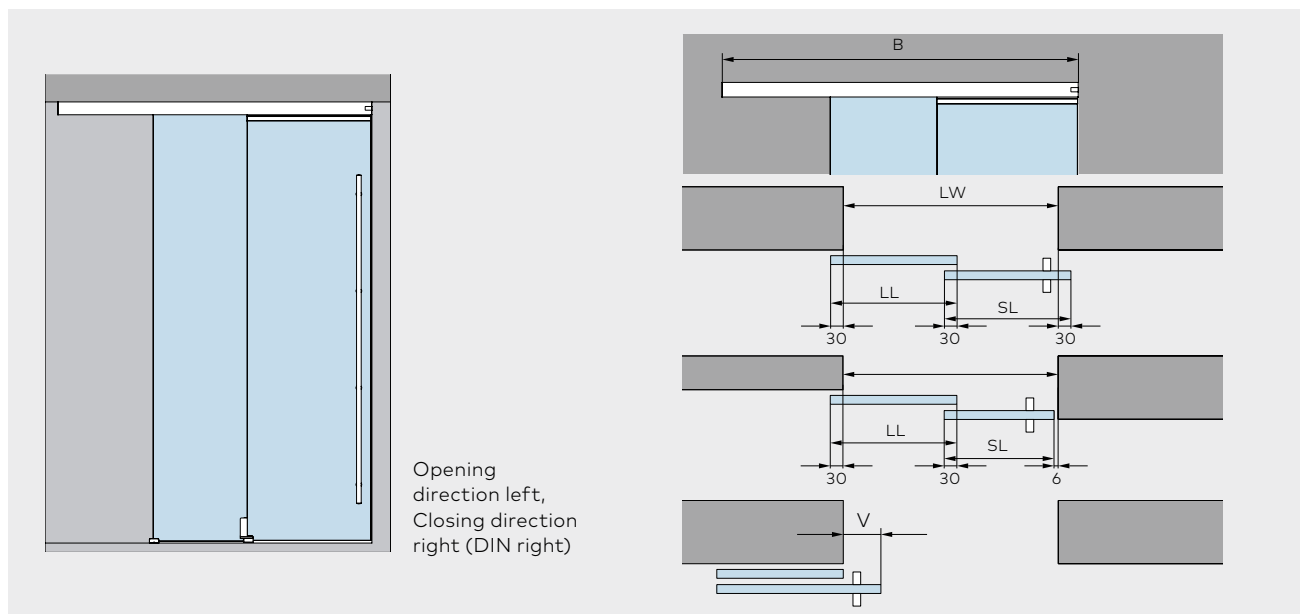
$$HSL = LH + 2$$



B = Length of track
HLL = Glass height slow moving panel
HSL = Glass height quick moving panel
LH = Clear opening height
LW = Clear opening width

LL = slow moving panel
SL = quick moving panel
t1 = Glass thickness quick moving panel (SL)
t2 = Glass thickness slow moving panel (LL)
V = Overlapping size of handle bar

Type illustrations ceiling installation



Fixed at ceiling

Product description

For installation with two door panels fixed at ceiling, 8–13.5 mm glass thickness, optional DORMOTION unit. When using a DORMOTION damping unit, we recommend installation of a pull handle.

Max. weight of door panels

80 kg.

Min. and max. panel measures
see page 92.

Calculation of track length

2 panels

$$B = 1.5 \times LW - V/2 + 85$$

2 + 2 panels

$$B = 1.5 \times LW - V + 67$$

Calculation of glass width

2 panels

$$LL = (LW - V + 90) / 2$$

$$SL = LL + V$$

2 + 2 panels

$$LL = (LW - 2 \times V + 114) / 4$$

$$SL = LL + V$$

Calculation of glass height (=surface mounted)

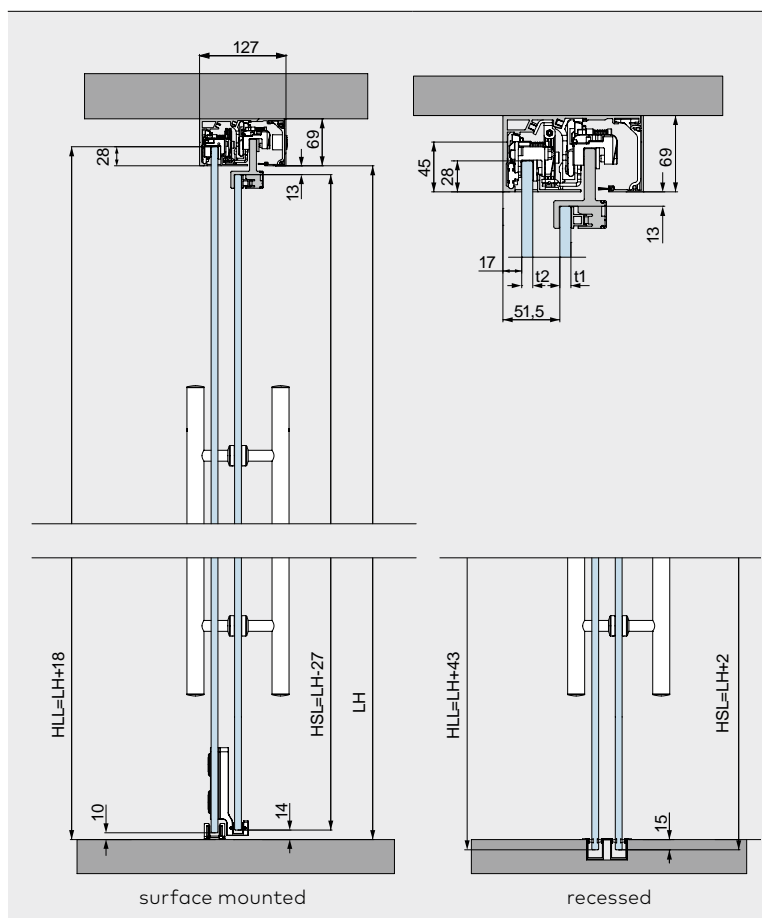
$$HLL = LH + 18$$

$$HSL = LH - 27$$

Calculation of glass height (=recessed)

$$HLL = LH + 43$$

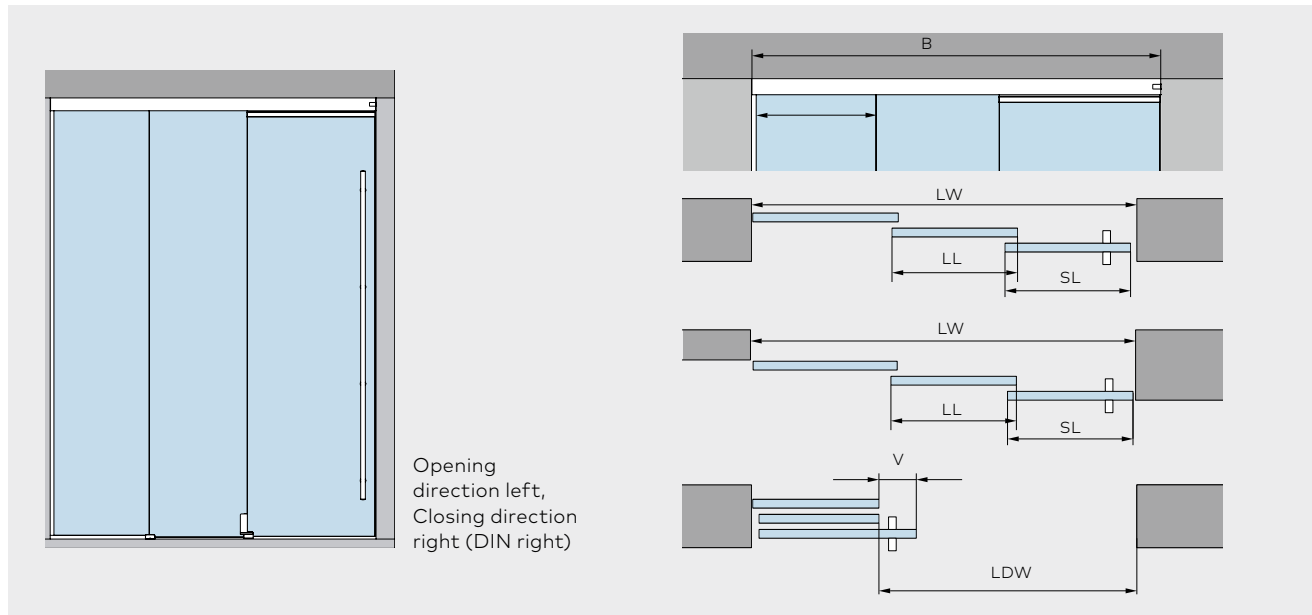
$$HSL = LH + 2$$



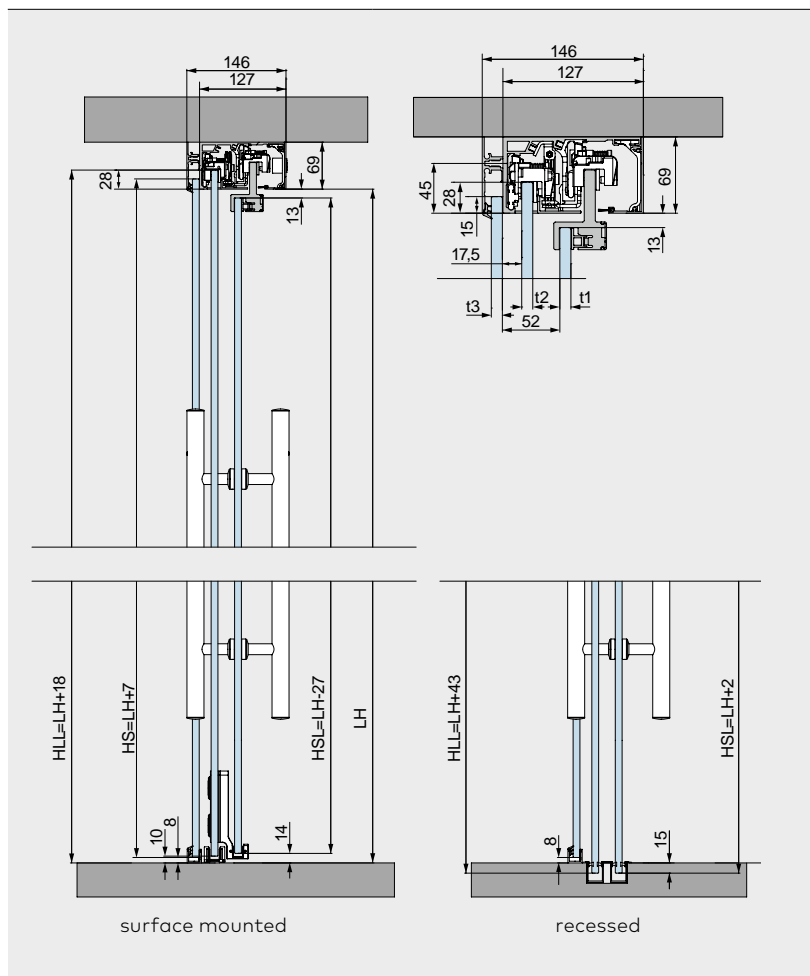
B = Length of track
HLL = Glass height slow moving panel
HSL = Glass height quick moving panel
LH = Clear opening height
LW = Clear opening width

LL = slow moving panel
SL = quick moving panel
t1 = Glass thickness quick moving panel (SL)
t2 = Glass thickness slow moving panel (LL)
V = Overlapping size of handle bar

Type illustrations with sidelight, on one side



With sidelight



Product description

For installation with two door panels and sidelight on one side, fixed at ceiling, optional with DORMOTION unit. When using a DORMOTION damping unit, we recommend installation of a pull handle.

Max. weight of door panels

80 kg.

Min. and max. panel measures see page 92.

Calculation of track length

$$B = LW - 4 \text{ (incl. } 2 \times 2 \text{ mm end caps)}$$

Calculation of glass width

2 panels

$$LL = (LW - V + 51) / 3$$

$$SL = LL + V$$

2 + 2 panels

$$LL = (LW - 2 \times V + 102) / 6$$

$$SL = LL + V$$

Calculation of glass height (=surface mounted)

$$HLL = LH + 18$$

$$HSL = LH - 27$$

Calculation of glass height (=recessed)

$$HLL = LH + 43$$

$$HSL = LH + 2$$

Height side panel

2 panels

$$S_{\min} = (LW - V + 66) / 3$$

$$LDW = LW - S - V$$

2 + 2 panels

$$S_{\min} = (LW - 2 \times V + 132) / 6$$

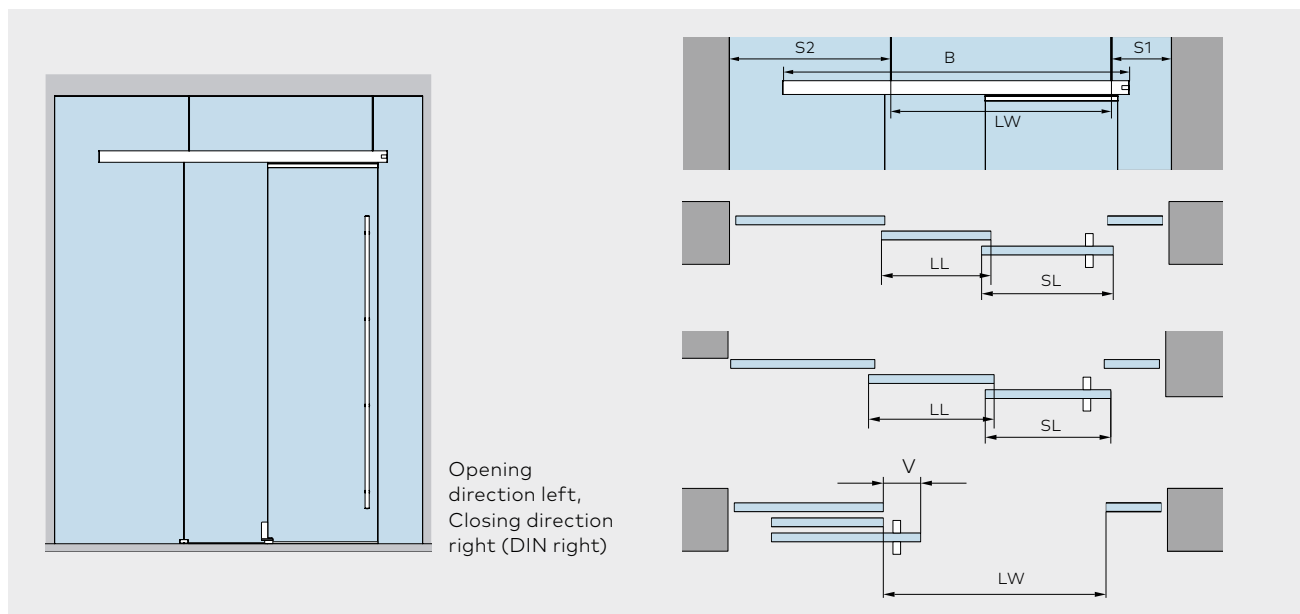
$$LDW = LW - 2 \times S - V \times 2$$

B = Length of track
HLL = Glass height slow moving panel
HSL = Glass height quick moving panel
LH = Clear opening height (up to lower edge of track rail!)

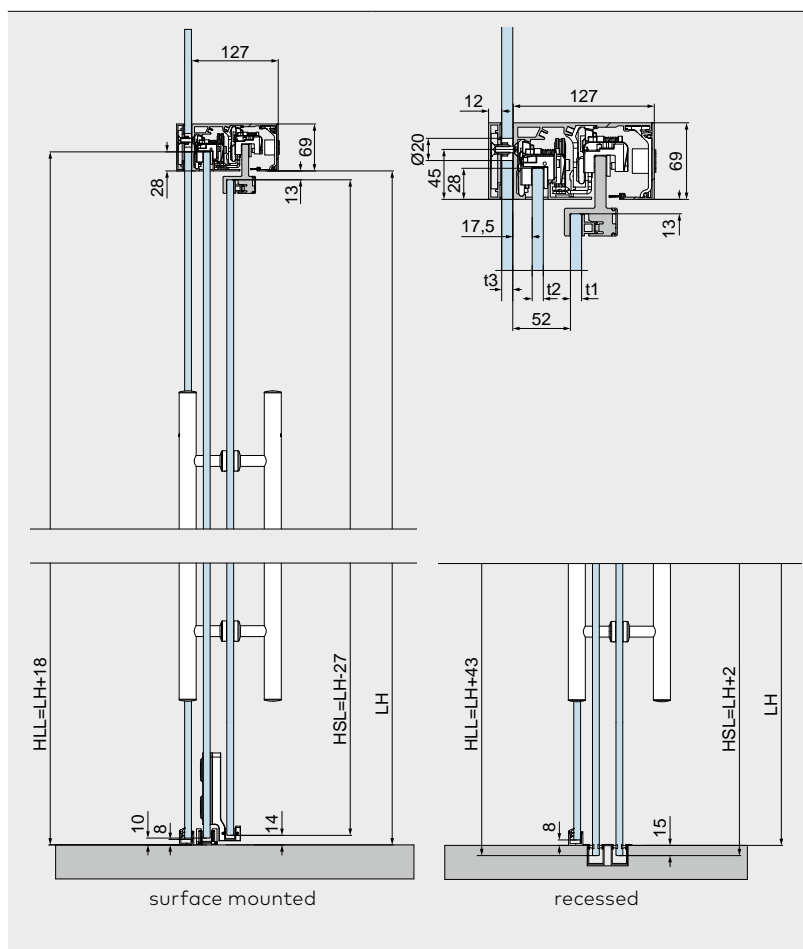
LW = Clear opening width
LDW = Clear opening passage width
LL = Slow moving panel
SL = Quick moving panel
S = Glass sidelight

t1 = Glass thickness quick moving panel (SL)
HS = Height side panel
t2 = Glass thickness slow moving panel (LL)
t3 = Glass thickness sidepanel
V = Overlapping size of handle bar

Type illustrations glass installation



Fixed at ceiling



Product description

For installation with two door panels fixed at glass, 8–13.5 mm glass thickness, optional with DORMOTION unit. When using a DORMOTION damping unit, we recommend installation of a pull handle.

Max. weight of door panels

80 kg.

Min. and max. panel measures see page 92.

Calculation track length

2 panels

$$B = 1.5 \times LW - V/2 + 135$$

2 + 2 panels

$$B = 1.5 \times LW - V + 67$$

Calculation of glass width

2 panels

$$LL = (LW - V + 90) / 2$$

$$SL = LL + V$$

2 + 2 panels

$$LL = (LW - 2 \times V + 114) / 4$$

$$SL = LL + V$$

Calculation of glass height

(=surface mounted)

$$HLL = LH + 18$$

$$HSL = LH - 27$$

Calculation of glass height (=recessed)

$$HLL = LH + 43$$

$$HSL = LH + 2$$

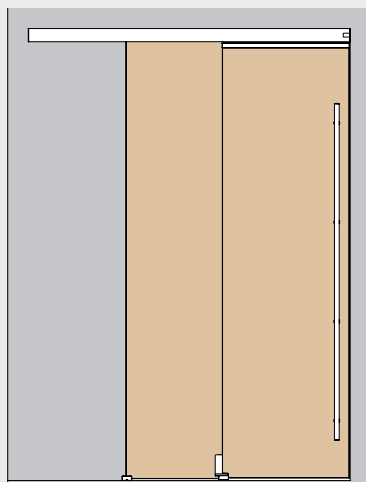
You will find a calculation tool for the glass preparation of the fixed parts MUTO on glass under the following link
<https://glas-innovationen.com/glass-innovations/muto>

B = Length of track
 HLL = Glass height slow moving panel
 HSL = Glass height quick moving panel
 LH = Clear opening height

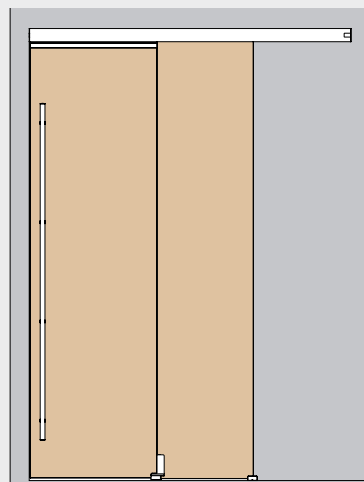
LW = Clear opening width
 LL = Slow moving panel
 SL = Quick moving panel

t1 = Glass thickness quick moving panel (SL)
 t2 = Glass thickness slow moving panel (LL)
 t3 = Glass thickness sidepanel
 V = Overlapping size of handle bar

Type illustrations for timber door

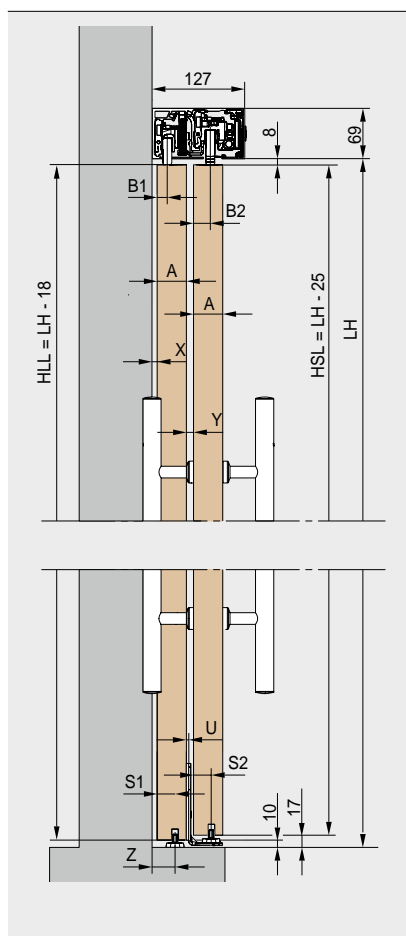


Opening
direction left,
Closing direction
right (DIN right)



Opening
direction right,
Closing direction
left (DIN left)

Fixed at wall



A	S1	S2	X	Y	Z	B1	B2	U
28	9.5	9.5	11	23	25	10	18	6
29	9.5	9.5	11	22	25	10	18	5
30	9.5	9.5	11	21	25	10	18	4
31	9.5	9.5	11	20	25	10	18	3
32	9.5	9.5	11	19	25	10	18	2
33	9.5	9.5	11	18	25	10	18	1
34	9.5	9.5	11	17	25	10	18	-
35	14	14	11	13	29.5	10	21.5	-
36	14	14	11	13	29.5	10	20.5	-
37	14	14	11	13	29.5	10	19.5	-
38	14	14	11	13	29.5	10	18.5	-
39	14	14	11	13	29.5	10	17.5	-
40	20	20	7	7	31.5	14	26	-
41	20	20	7	7	31.5	14	25	-
42	20	20	7	7	31.5	14	24	-
43	20	20	7	7	31.5	14	23	-
44	20	20	7	7	31.5	14	22	-
45	20	20	7	7	31.5	14	21	-
46	20	20	7	7	31.5	14	20	-
47	20	20	7	7	31.5	14	19	-
48	20	20	7	7	31.5	14	18	-
49	20	20	7	7	31.5	14	17	-
50	20	20	7	7	31.5	14	16	-

Product description

Product description
For installation with two timber doors,
for 28–50 mm timber elements

Optional with DORMOTION unit. When
using a DORMOTION damping unit, we
recommend installation of a pull handle.

Max. weight of door panels
80 kg.

Min. and max. panel measures
see page 92.

Calculation of track length
cf. glass calculations

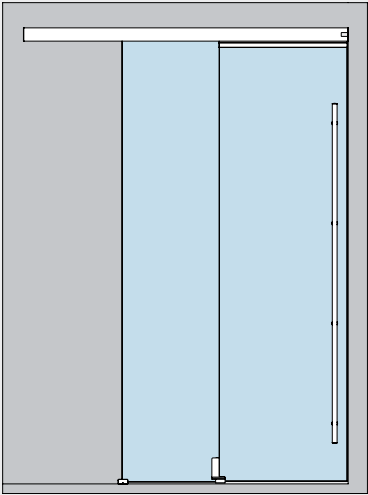
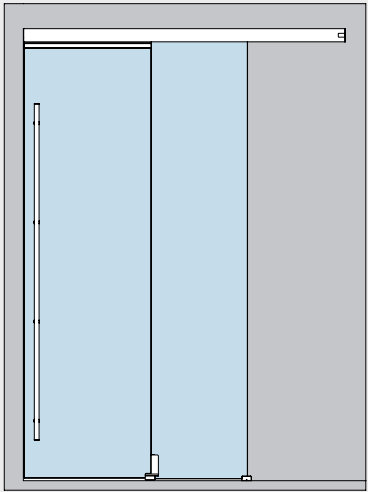
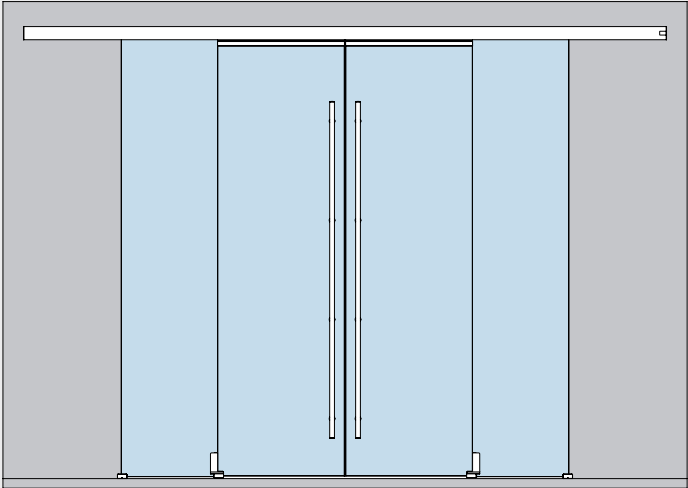
Calculation panel width
cf. glass calculations

Calculation of panel height
 $HLL = LH + 18$
 $HSL = LH - 25$

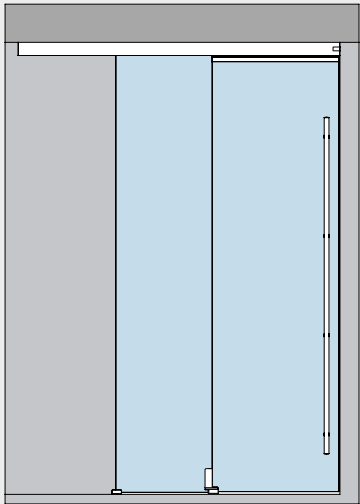
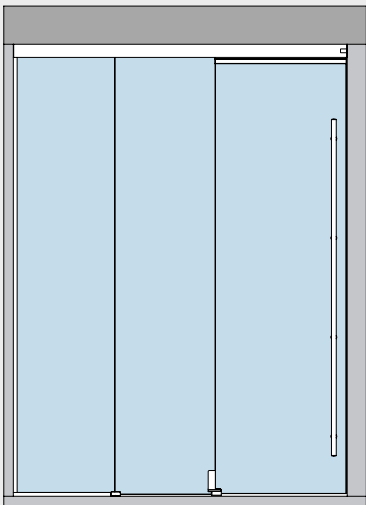
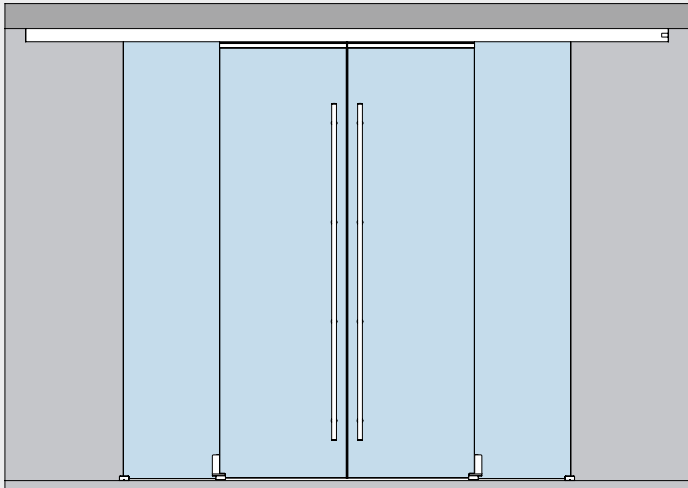
Timber door in upper area from
100 mm, solid wood, for attachment to
timber adapter.

LH = Clear opening height
HLL = Glass height slow moving panel
HSL = Glass height quick moving panel


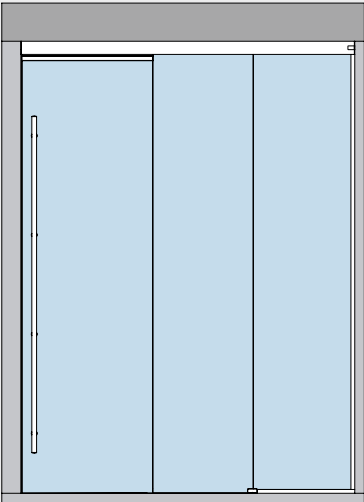
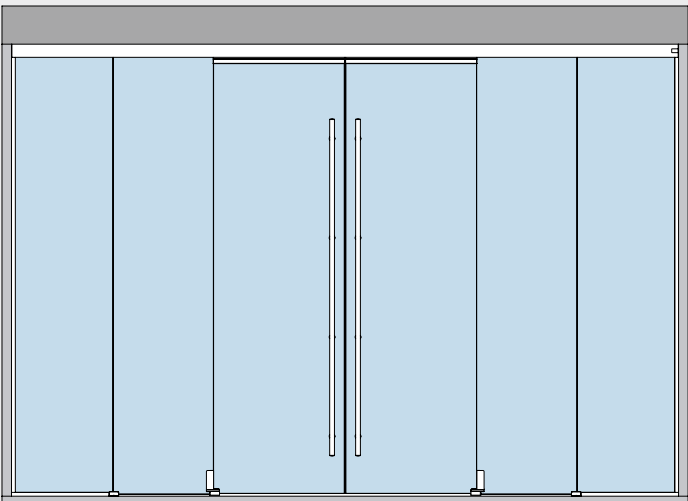
Glass door sets, with moving floor guide

Fixed at wall	Product description	Art. No.
	MUTO Premium Telescopic 80	
	Set 1 for wall installation, with moving floor guide, 2 panels (left)	36.701
	Incl. track profile, cover profile and brushes Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg Prepared for option DORMOTION	
	Set 1.1 also for lintel/90° stopped	36.737
	MUTO Premium Telescopic 80	
	Set 2 for wall installation, with moving floor guide, 2 panels (right)	36.702
	Incl. track profile, cover profile and brushes Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg Prepared for option DORMOTION	
	Set 2.1 also for lintel/90° stopped	36.738
	MUTO Premium Telescopic 80	
	Set 3 for wall installation, with moving floor guide, 4 panels (2 left / 2 right)	36.709
	Incl. track profile, cover profile and brushes Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg Prepared for option DORMOTION	

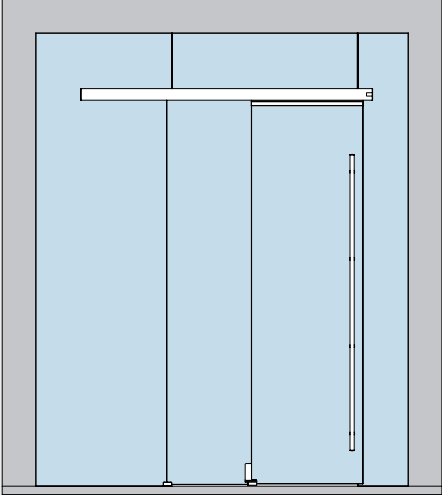
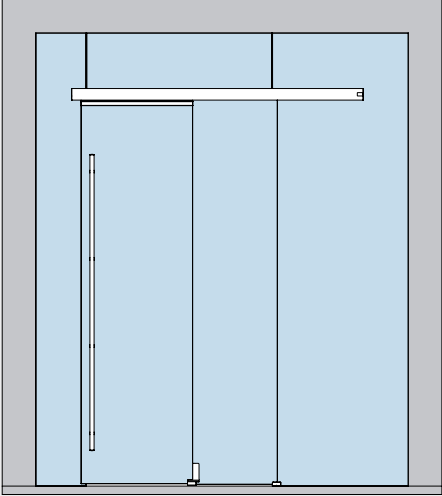
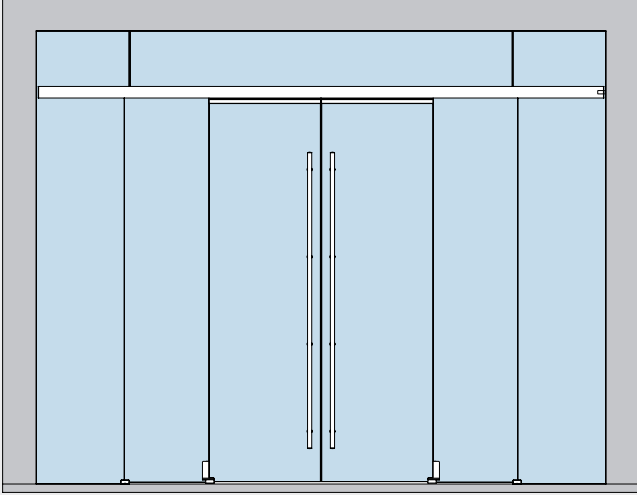
Please ensure that the order form is complete when

Fixed at ceiling	Product description	Art. No.
	MUTO Premium Telescopic 80	
	<p>Set 4 for ceiling installation, with moving floor guide, 2 panels (left)</p> <p>Incl. track profile, cover profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p> <p>Set 4.1 also for lintel/90° stopped</p>	36.703
	MUTO Premium Telescopic 80	
	<p>Set 5 for ceiling installation, with moving floor guide, 2 panels (left) plus side panel</p> <p>Incl. track profile, cover profile, side panel profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.704
	MUTO Premium Telescopic 80	
	<p>Set 6 for ceiling installation, with moving floor guide, 4 panels (2 left / 2 right)</p> <p>Incl. track profile, cover profile, side panel profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.710

Please ensure that the order form is complete when submitting an order.

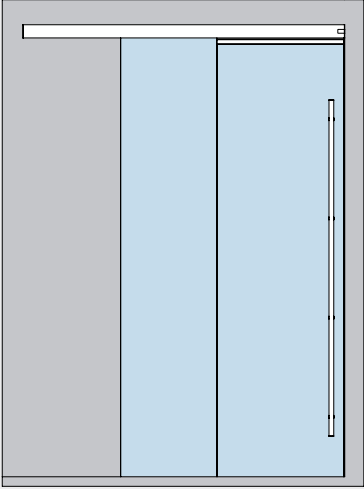

Fixed at ceiling	Product description	Art. No.
	MUTO Premium Telescopic 80 Set 7 for ceiling installation, with moving floor guide, 2 panels (right) Incl. track profile, cover profile and brushes Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg Prepared for option DORMOTION	36.705 36.740
	Set 7.1 also for lintel/90° stopped	
	MUTO Premium Telescopic 80 Set 8 for ceiling installation, with moving floor guide, 2 panels (right) plus side panel Incl. track profile, cover profile, side panel profile and brushes Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg Prepared for option DORMOTION	36.706 36.711
	Set 9 for ceiling installation, with moving floor guide, 4 panels (2 left / 2 right) plus side panels Incl. track profile, cover profile, side panel profiles and brushes Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg Prepared for option DORMOTION	
	MUTO Premium Telescopic 80 Set 9 for ceiling installation, with moving floor guide, 4 panels (2 left / 2 right) plus side panels Incl. track profile, cover profile, side panel profiles and brushes Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg Prepared for option DORMOTION	36.711

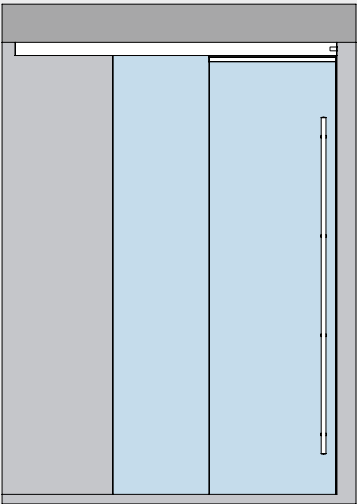
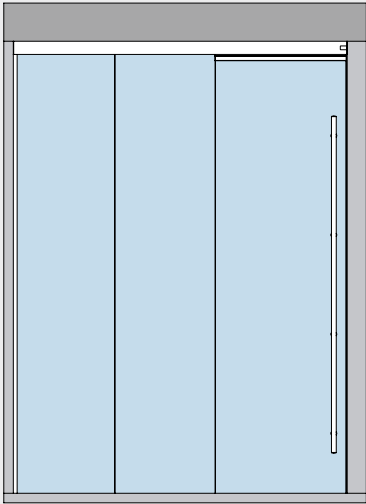
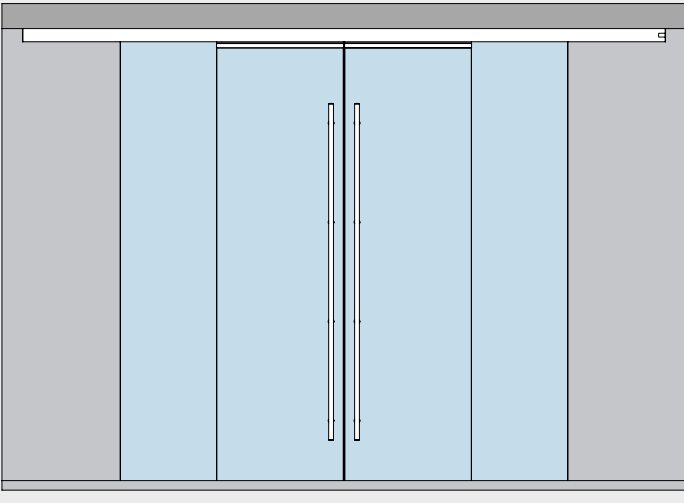
Please ensure that the order form is complete when

Fixed at glass	Product description	Art. No.
	<p>MUTO Premium Telescopic 80</p> <p>Set 10 for glass installation, with moving floor guide, 2 panels (left)</p> <p>Incl. track profile, cover-, counter profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.707
	<p>MUTO Premium Telescopic 80</p> <p>Set 11 for glass installation, with moving floor guide, 2 panels (right)</p> <p>Incl. track profile, cover-, counter profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.708
	<p>MUTO Premium Telescopic 80</p> <p>Set 12 for glass installation, with moving floor guide, 4 panels (2 left / 2 right)</p> <p>Incl. track profile, cover-, counter profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.712


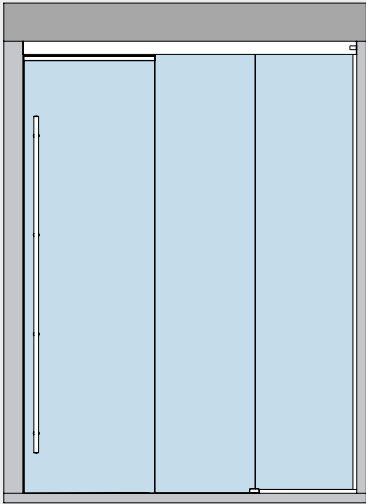
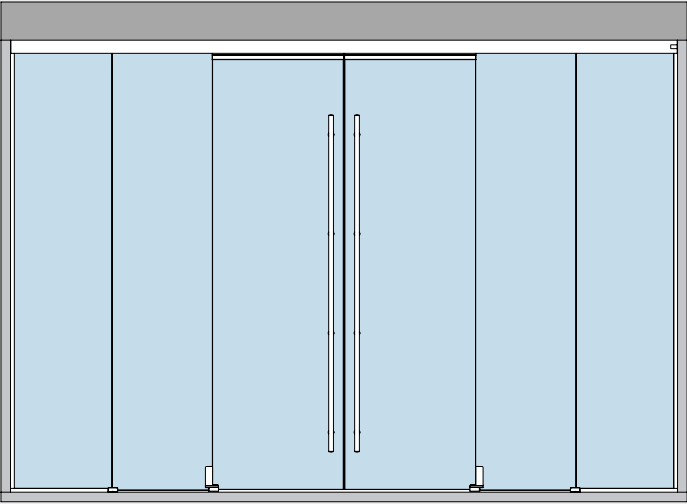
Please ensure that the order form is complete when submitting an order.

Glass door sets, with recessed floor guide profile

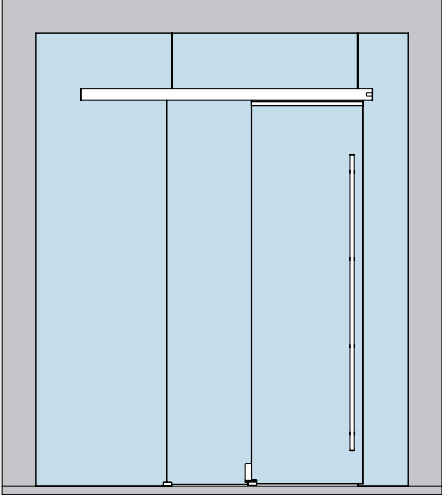
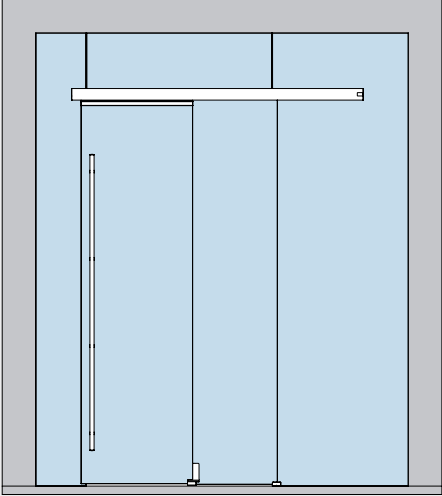
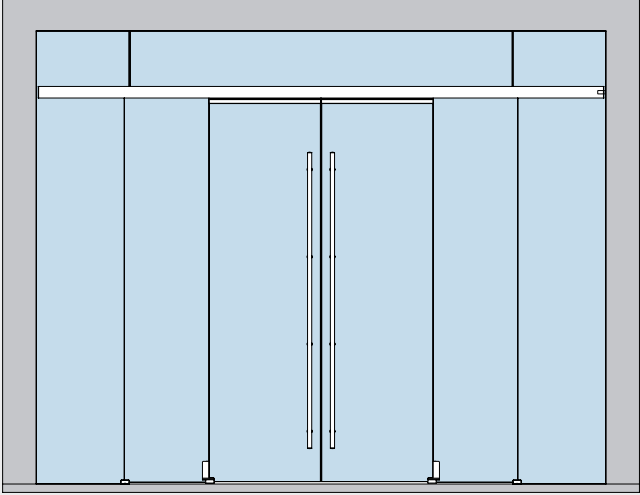
Fixed at wall	Product description	Art. No.
	<p>MUTO Premium Telescopic 80</p> <p>Set 13 for wall installation, with recessed floor guide profile, 2 panels (left)</p> <p>Incl. track profile, cover profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.713
	<p>Set 13.1 also for lintel/90° stopped</p>	36.741
	<p>MUTO Premium Telescopic 80</p> <p>Set 14 for wall installation, with recessed floor guide profile, 2 panels (right)</p> <p>Incl. track profile, cover profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.714
	<p>Set 14.1 also for lintel/90° stopped</p>	36.742
	<p>MUTO Premium Telescopic 80</p> <p>Set 15 for wall installation, with recessed floor guide profile, 4 panels (2 left / 2 right)</p> <p>Incl. track profile, cover profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.721
	<p>Please ensure that the order form is complete when submitting an order.</p>	

Fixed at ceiling	Product description	Art. No.
	<p>MUTO Premium Telescopic 80</p> <p>Set 16 for ceiling installation, with recessed floor guide profile, 2 panels (left)</p> <p>Incl. track profile, cover profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p> <p>Set 16.1 also for lintel/90° stopped</p>	<p>36.715</p> <p>36.743</p>
	<p>MUTO Premium Telescopic 80</p> <p>Set 17 for ceiling installation, with recessed floor guide profile, 2 panels (left) plus side panel</p> <p>Incl. track profile, cover profile, side panel profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	<p>36.716</p>
	<p>MUTO Premium Telescopic 80</p> <p>Set 18 for ceiling installation, with recessed floor guide profile, 4 panels (2 left / 2 right)</p> <p>Incl. track profile, cover profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	<p>36.722</p>

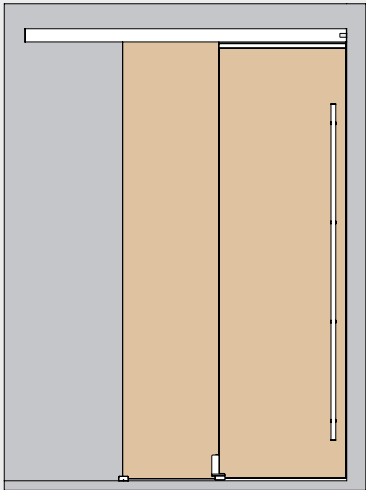
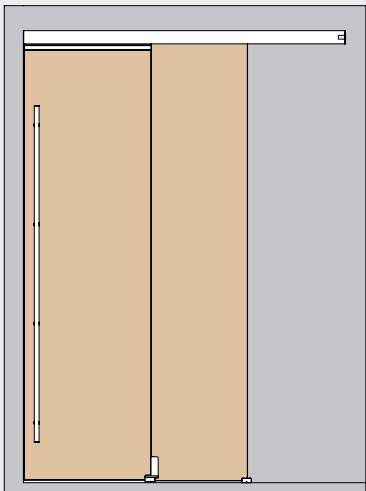
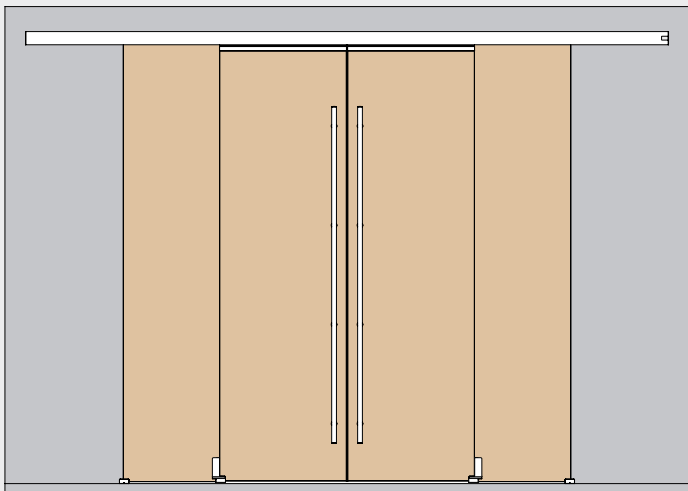
Please ensure that the order form is complete when submitting an order.

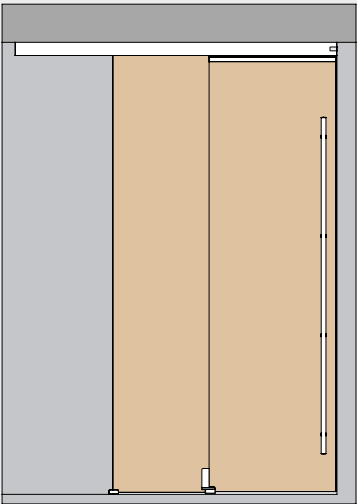
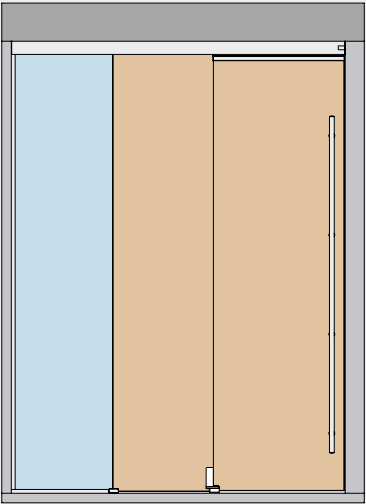
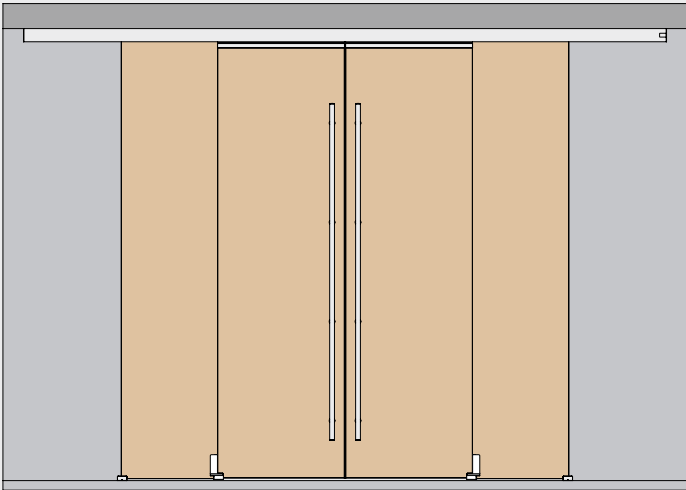
Fixed at ceiling	Product description	Art. No.
	MUTO Premium Telescopic 80	
	<p>Set 19 for ceiling installation, with recessed floor guide profile, 2 panels (right)</p> <p>Incl. track profile, cover profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.717
	<p>Set 19.1 also for lintel/90° stopped</p>	36.744
	MUTO Premium Telescopic 80	
	<p>Set 20 for ceiling installation, with recessed floor guide profile, 2 panels (right) plus side panel</p> <p>Incl. track profile, cover profile, side panel profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.718
	MUTO Premium Telescopic 80	
	<p>Set 21 for ceiling installation, with recessed floor guide profile, 4 panels (2 left / 2 right) plus side panels</p> <p>Incl. track profile, cover profile, side panel profiles and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.723

Please ensure that the order form is complete when submitting an order.

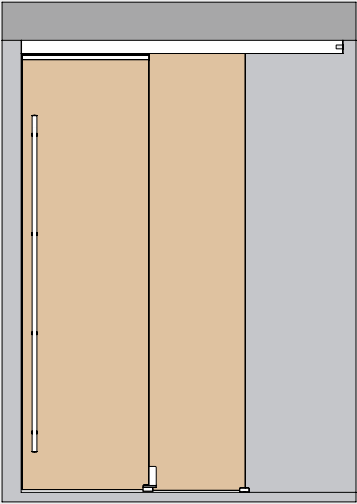
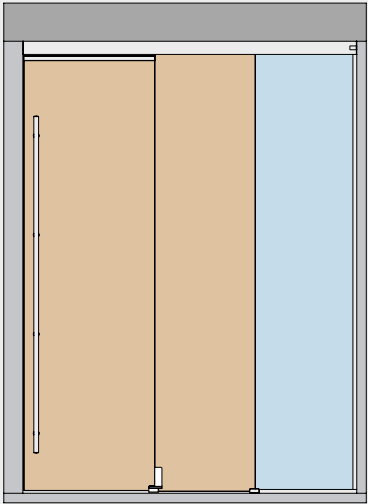
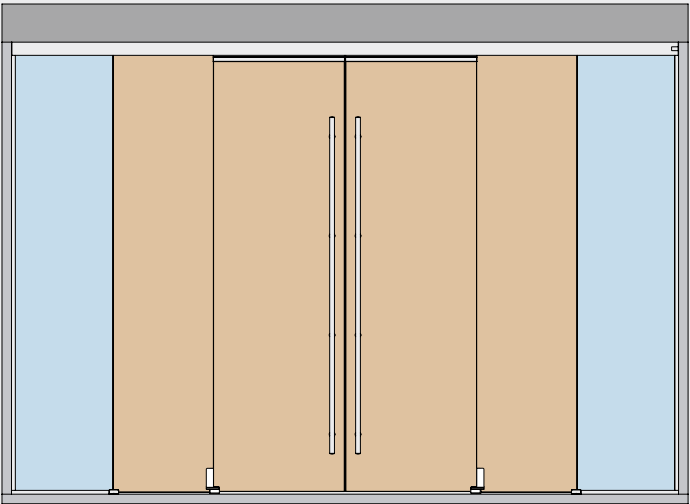
Fixed at glass	Product description	Art. No.
	<p>MUTO Premium Telescopic 80</p> <p>Set 22 for glass installation, with recessed floor guide profile, 2 panels (left)</p> <p>Incl. track profile, cover-, counter profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.719
	<p>MUTO Premium Telescopic 80</p> <p>Set 23 for glass installation, with recessed floor guide profile, 2 panels (right)</p> <p>Incl. track profile, cover-, counter profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.720
	<p>MUTO Premium Telescopic 80</p> <p>Set 24 for glass installation, with recessed floor guide profile, 4 panels (2 left / 2 right)</p> <p>Incl. track profile, cover-, counter profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.724
<p>Please ensure that the order form is complete when submitting an order.</p>		

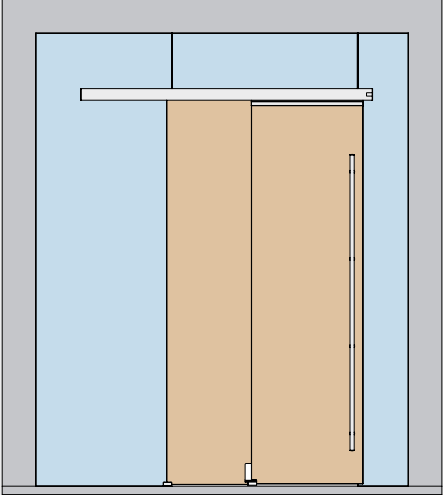
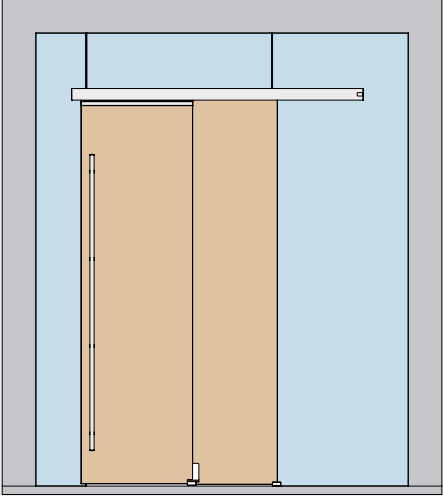
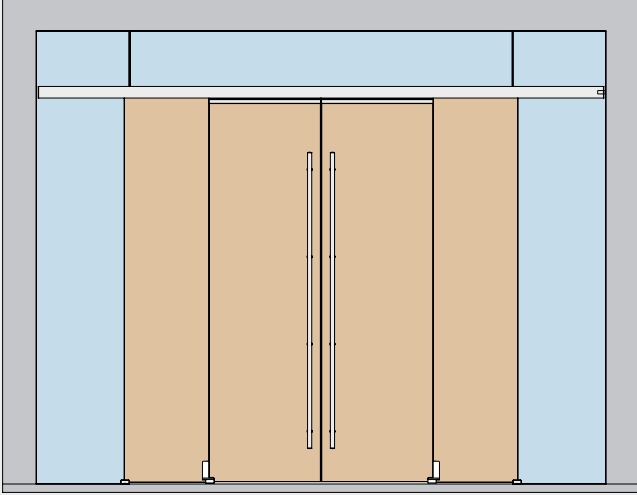
Timber door sets, with moving floor guide

Fixed at wall	Product description	Art. No.
	MUTO Premium Telescopic 80 Set 25 for wall installation, with moving floor guide, 2 panels (left), Incl. track profile, cover profile and brushes. For 28 – 50 mm timber elements, max. 80 kg Prepared for option DORMOTION	36.725
	Set 25.1 also for lintel/90° stopped	36.792
	MUTO Premium Telescopic 80 Set 26 for wall installation, with moving floor guide, 2 panels (right), Incl. track profile, cover profile and brushes. For 28 – 50 mm timber elements, max. 80 kg Prepared for option DORMOTION	36.726
	Set 26.1 also for lintel/90° stopped	36.793
	MUTO Premium Telescopic 80 Set 27 for wall installation, with moving floor guide, 4 panels (2 left / 2 right) Incl. track profile, cover profile and brushes For 28 – 50 mm timber elements, max. 80 kg Prepared for option DORMOTION	36.733
	Please ensure that the order form is complete when submitting an order.	

Fixed at ceiling	Product description	Art. No.
	<p>MUTO Premium Telescopic 80</p> <p>Set 28 for ceiling installation, with moving floor guide, 2 panels (left)</p> <p>Incl. track profile, cover profile and brushes</p> <p>For 28 – 50 mm timber elements, max. 80 kg</p> <p>Prepared for option DORMOTION</p> <p>Set 28.1 also for lintel/90° stopped</p>	<p>36.727</p> <p>36.794</p>
	<p>MUTO Premium Telescopic 80</p> <p>Set 29 for ceiling installation, with moving floor guide, 2 panels (left) plus side panel (glass)</p> <p>Incl. track profile, cover profile, side panel profile and brushes</p> <p>For 28 – 50 mm timber elements, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	<p>36.728</p>
	<p>MUTO Premium Telescopic 80</p> <p>Set 30 for ceiling installation, with moving floor guide, 4 panels (2 left / 2 right)</p> <p>Incl. track profile, cover profile, and brushes</p> <p>For 28 – 50 mm timber elements, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	<p>36.734</p>

Please ensure that the order form is complete when submitting an order.

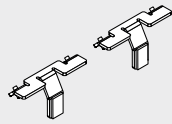
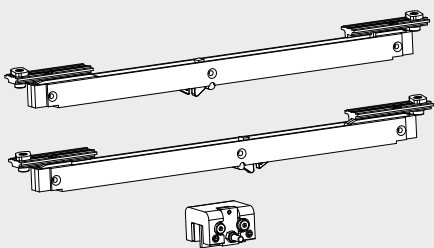
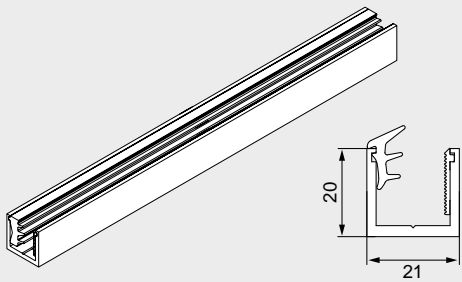
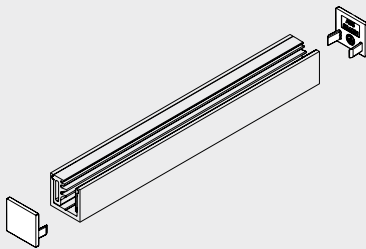
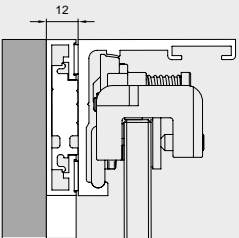
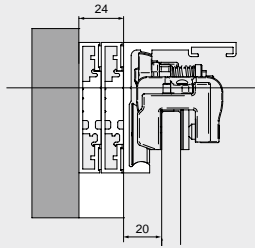
Fixed at ceiling	Product description	Art. No.
	MUTO Premium Telescopic 80	
	Set 31 for ceiling installation, with moving floor guide, 2 panels (right) plus side panel Incl. track profile, cover profile, side panel profile and brushes For 28 – 50 mm timber elements, max. 80 kg Prepared for option DORMOTION	36.729
	Set 31.1 also for lintel/90° stopped	36.795
	MUTO Premium Telescopic 80	
	Set 32 for ceiling installation, with moving floor guide, 2 panels (right) plus side panel (glass) Incl. track profile, cover profile, side panel profile and brushes For 28 – 50 mm timber elements, max. 80 kg Prepared for option DORMOTION	36.730
	MUTO Premium Telescopic 80	
	Set 33 for ceiling installation, with moving floor guide, 4 panels (2 left / 2 right) plus side panels Incl. track profile, cover profile, side panel profiles and brushes For 28 – 50 mm timber elements, max. 80 kg Prepared for option DORMOTION	36.735
Please ensure that the order form is complete when submitting an order.		

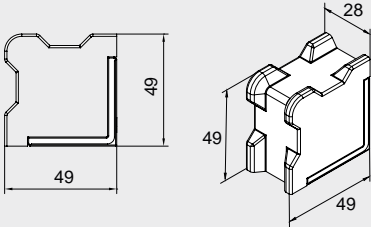
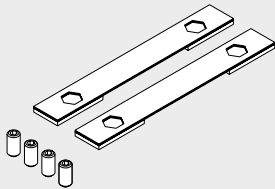
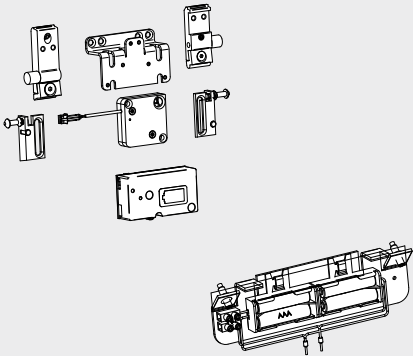

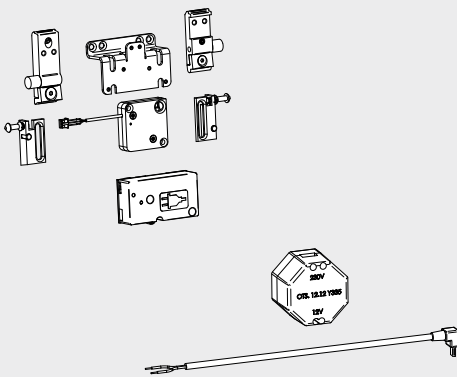
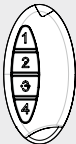
Fixed at glass	Product description	Art. No.
	<p>MUTO Premium Telescopic 80</p> <p>Set 34 for glass installation, with moving floor guide, 2 panels (left)</p> <p>Incl. track profile, cover-, counter profile and brushes</p> <p>For 28 – 50 mm timber elements, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.731
	<p>MUTO Premium Telescopic 80</p> <p>Set 35 for glass installation, with moving floor guide, 2 panels (right)</p> <p>Incl. track profile, cover-, counter profile and brushes</p> <p>For 28 – 50 mm timber elements, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.732
	<p>MUTO Premium Telescopic 80</p> <p>Set 36 for glass installation, with moving floor guide, 4 panels (2 left / 2 right)</p> <p>Incl. track profile, cover-, counter profile and brushes</p> <p>For 28 – 50 mm timber elements, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.736

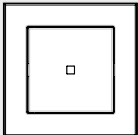
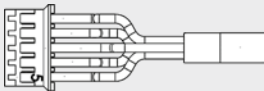
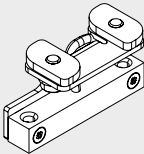
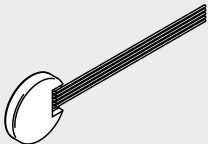
Please ensure that the order form is complete when submitting an order.

Space for your notes

Component parts

	Product description	Art. No.
	MUTO spacer (2 pieces) for the installation at ceiling between two walls	36.890
	MUTO Premium Telescopic 80 DORMOTION unit incl. starter	36.786
	Comfort Floor profile for side panel fixing, complete with all gaskets, Profile for 8 – 13.5 mm glass stock length 6,000 mm fixed length mm*	36.810 36.811
	Comfort Set endcaps for floor profile - side panel fixing	36.812
	MUTO Premium - balance profile set 12 mm, for installation over an existing door frame; compensates for the frame thickness; fixed length	36.870
	MUTO Premium - balance profile set 24 mm, for installation over an existing door frame; compensates for the frame thickness; fixed length	36.871

	Product description	Art. No.
	Floor stop Individually applicable for all options (glass or timber elements)	36.851
	Comfort LSG set Accessory set for use with LSG for one pair of clamp carrier	36.468
	MUTO Integrated locking device Battery for Comfort L, Premium XL, Premium Self-Closing and Premium Telescopic (not suitable as a security barrier) Consisting of: 1 receiver unit 1 mounting bracket for locking 1 locking device 1 stopper XL 4 batteries (Energizer L92 Ultimate Lithium: AAA1,5V) 1 battery carrier	36.859
	Battery for re-ordering	36.886
	MUTO Integrated locking device Battery for Comfort L, Premium XL, Premium Self-Closing and Premium Telescopic (not suitable as a security barrier) Consisting of: 1 receiver unit 1 mounting bracket for locking 1 locking device 1 stopper XL Attention: Not suitable for Synchro version.	38.885
	Comfort Locking device Portable radio remote control	36.848

	Product description	Art. No.
	Comfort Locking device Wall switch incl. radio remote control	36.849
	MUTO Accessory for locking unit for Comfort L, Premium XL and Self-Closing, 1 cable set for an optional use of the status indicator integrated in the locking unit	36.855
	Comfort Status-Indicator set with complete accessory (sensor, cable etc.)	36.840
* to be defined by customer		
	Concealed transmitter BRC-T dormakaba bi-directional flush-mounted radio transmitter BRC-T, battery-operated, for installation in a switch with a deep flush-mounting box	29301003

Space for your notes