



MUTO

The compact, flexible,
manual sliding door system

MUTO Comfort &
Premium – for
sophisticated
system solutions.

dormakaba 

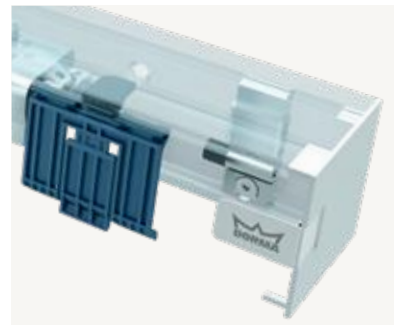
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MUTO – the compact, flexible manual sliding door system

With a choice of glass or timber panels MUTO makes for marvelously elegant transitions from one room to another. This compact, flexible manual sliding door system comes with a versatile range of options and with high-quality technology discretely concealed in the track.

Versatile:

- Glazed and timber-paneled doorsets, light or heavy-duty (door weights up to 150 kg)
- Light doors up to 60 kg can be equipped with the DORMOTION damping mechanism from a panel width of just 600 mm
- Easy to install and adjust thanks to removable front cover
- Individual design options: Aluminum finishes in Silver, Niro and White
- Also available as Synchro and Telescopic models

Convenience plus:

- Self-closing
- Integrated locking device
- Status indicator
- DORMOTION (damping)



More convenience



It is fascinating to see how convenient a compact design can be

MUTO scores high in elegance while also offering an array of functions for added ease of use: self-closing action without external power, an integrated locking device, the proven DORMOTION damping mechanism and a status indicator to enable door monitoring within the building.



The functions at a glance



01

Self-closing. Simply effortless.

MUTO automatically recloses the door after it has been opened. This low-noise operation requires no external energy supply and contributes to maintaining a pleasant interior feel.



02

DORMOTION. Enjoy the hush.

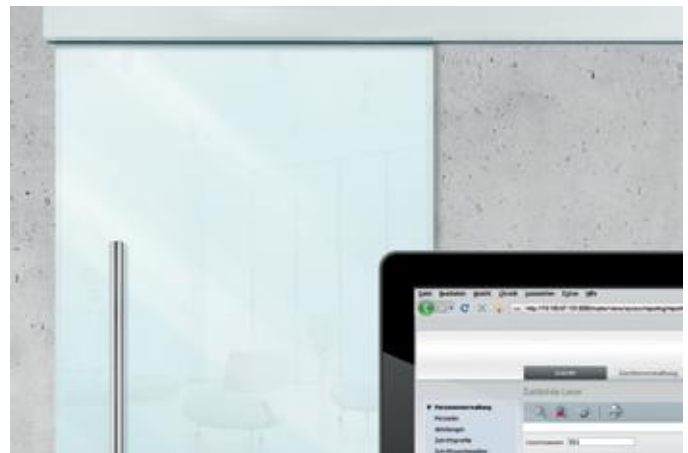
Elegance and convenience in one. The DORMOTION feature eases the panel to a halt over its final few inches, allowing it to quietly come to rest in its end position.



03

Concealed locking device. Undisrupted design lines.

Invisibly integrated in the casing and operable by remote control or from a wall switch, the electro-mechanical lock does not distract from the elegant design of the doorset.



04

Status indicator. Everything under control.

The status indicator makes it very simple to monitor these sliding doors. As soon as the door opens or closes, a signal is sent to the building management system or an LED indicator light – an important benefit in larger buildings where professional facility management is a must.



The big solution for small doors

MUTO Comfort M 60 NEW

The youngest member to join the dormakaba family of sliding doors offers you extended design scope for even small doorways – with panel widths starting at just 600 mm. Ideal for installation in apartments, hotels, restaurants and the hospitality industry. Needless to say, the MUTO Comfort M 60 also combines smart design with high user friendliness. Its simplified installation and the frontal adjustability of many functions – including the improved anti-jump mechanism – now offer the same high level of user convenience as the rest of the MUTO sliding door family. A DORMOTION damping mechanism can also be retrofitted with ease.



More scope for your interiors

To get light streaming into passageways up to 2,500 mm high, you can choose between toughened safety glass (TSG) or – with reliable hold courtesy of our Clamp & Glue Technology – laminated safety glass (LSG). Or perhaps a timber finish better suits your ambience ambitions? With MUTO Comfort M 60 you can use glass panels between 8 and 12 mm and timber doors between 28 and 50 mm thick. A simple adapter is all you need. And with the ceiling-mounted version, you also have the option of an integrated stationary side light – for a room with even more transparency, light and latitude. The optimized model with an air gap of just 14 mm also offers improved draft exclusion and energy efficiency for enhanced room comfort. Whatever you choose, you will be impressed with the result. MUTO Comfort M 60: More room where space is tight.



The practical space-wonder

MUTO Premium Telescopic 80



Sliding glass doors are in themselves wonderful width-maximizers. The smart sliding door variant MUTO Premium Telescopic 80 goes even further when it comes to creating large door openings where space is tight – because the individual panels move in front of each other when open, saving up to 30 percent width and ensuring maximum transparency for a light-flooded ambience.

For room-high passageways up to 3,000 mm high and 2,310 mm wide (2-panel) or 3,886 mm wide (4-panel), the space along the adjacent wall no longer has to equate to the passage width. Depending on the design, you can have either two split panels of up to 80 kg traveling to one side or four panels biparting to either side. And for even more natural light and transparency, you can also add side lights.

Self-powered for quiet efficiency

MUTO Premium Self-Closing 120

With its compact design, the MUTO Premium Self-Closing 120 elegantly sets the standard for open living space design while also solving a very practical problem – because around 80 percent of sliding doors used in private homes and offices are regularly left open. MUTO's self-closing function saves the day. Requiring no external power supply, it ensures that the doorset is always closed for the ultimate in operating convenience and interior comfort. The cable and pulley arrangement invisibly integrated in the track profile absorbs the energy used during opening and releases it under control to gently reclose the door – quietly and with the utmost energy efficiency.

MUTO with the self-closing function can be equipped with door panels up to 1,500 mm wide and weighing up to 120 kg. It can be installed in room-high passageways of up to 3,000 mm. And if you need the doors to stay open, the system also has a hold-open function.





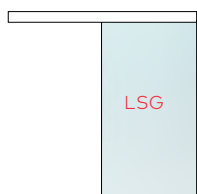
**DORMOTION starter/
triggering mechanism**
Inserted in a separate
channel in the track profile
and fixed in position by a
set screw.

Fast, effortless fitting

Easy to install with adjustability from the front

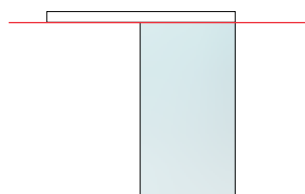
LSG certified. Transparently safe.

With the MUTO system, laminated safety glass is a real option, with quality-assuring certification.



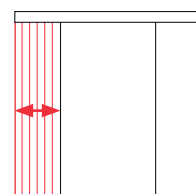
A perfect fit

Suspended ceilings? Not a problem. The adapter profile ensures a precision fit every time.



DORMOTION – retrofittable

The damping unit is simply clamped to the door panel. Readily retrofittable, the damper can also be fixed to the panel in its installed state.



MUTO makes manual sliding door systems easy to integrate. All the relevant functions are accessible from the front for simple adjustments. Even height adjustment could not be easier. And a DORMOTION retrofit requires no additional glass preparation. Even suspended ceilings are seen not as a problem but as a welcome variant – thanks to the availability of an adapter profile with true coping capabilities. With its LSG certification, MUTO also offers a plus in safety. In other words, the system can be readily adapted to embrace the safety advantages that come with usage of laminated safety glass.

The installation advantages at a glance

- All adjustments can be made quickly and easily from the front
- Certified use of laminated safety glass
- Suitable for glass and timber panels
- Separate adapter profile for suspended ceilings to give a neat finish

Anti-jump protection

Easy to activate.

Mounting the cover profile (retainer insert)

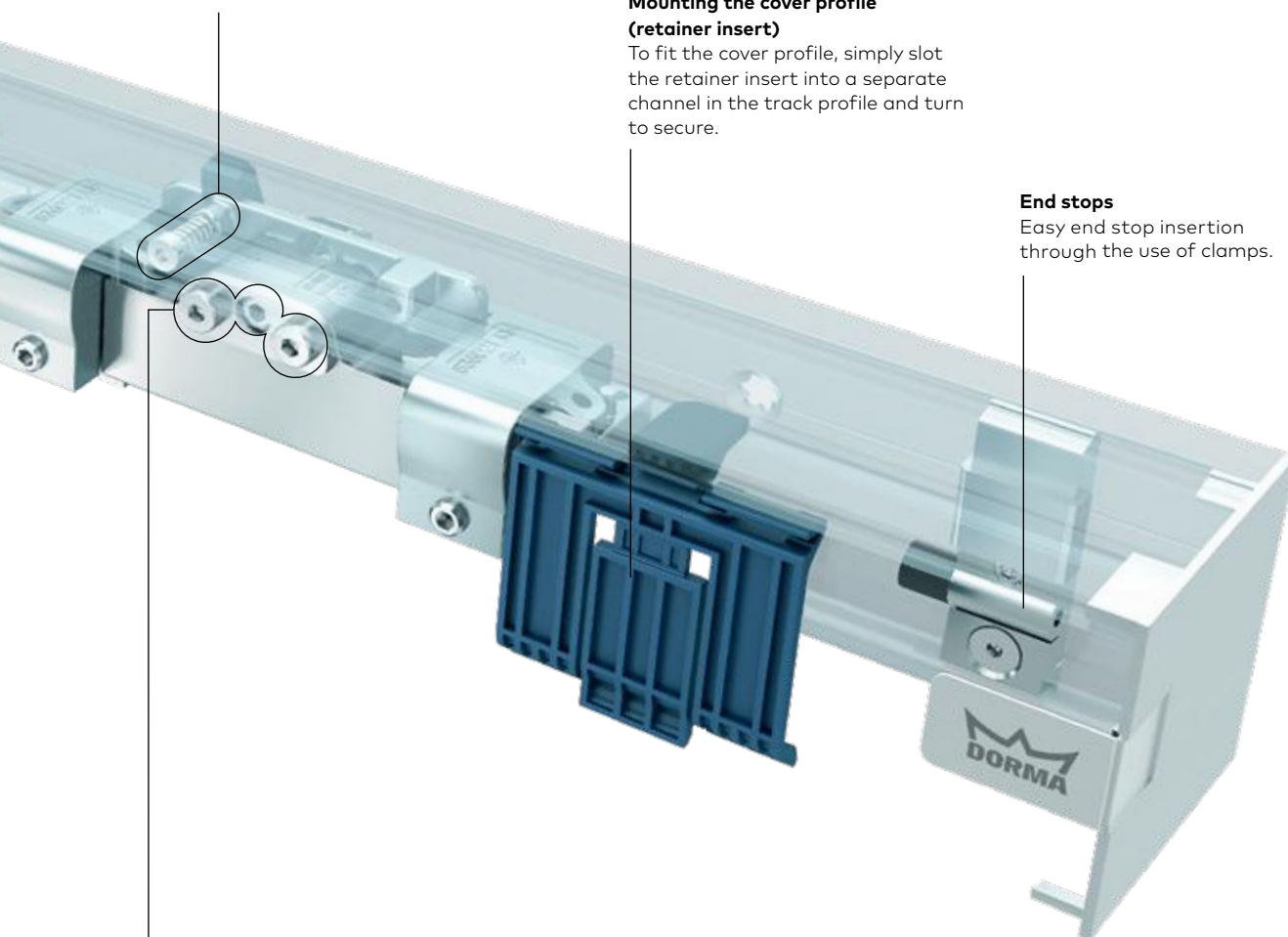
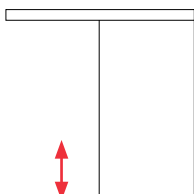
To fit the cover profile, simply slot the retainer insert into a separate channel in the track profile and turn to secure.

End stops

Easy end stop insertion through the use of clamps.

Height adjustment

Depending on the model, the door panel height is variable by ± 5 mm by simply undoing the fixing screws and turning the adjustment screw in the appropriate direction.



Compact design to suit your surroundings



Glass panel



Timber panel

MUTO is strikingly compact in appearance, with its complex technology cleverly concealed in its interior – a design that exudes pure elegance to enhance any building's ambience, regardless of whether you are creating transparency with glass or going for visual interest and discretion with timber.

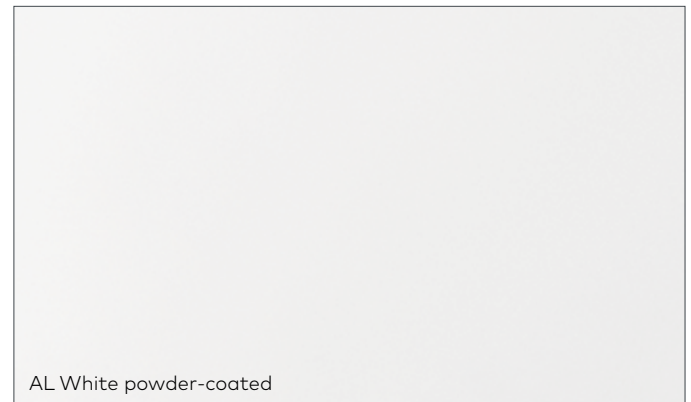
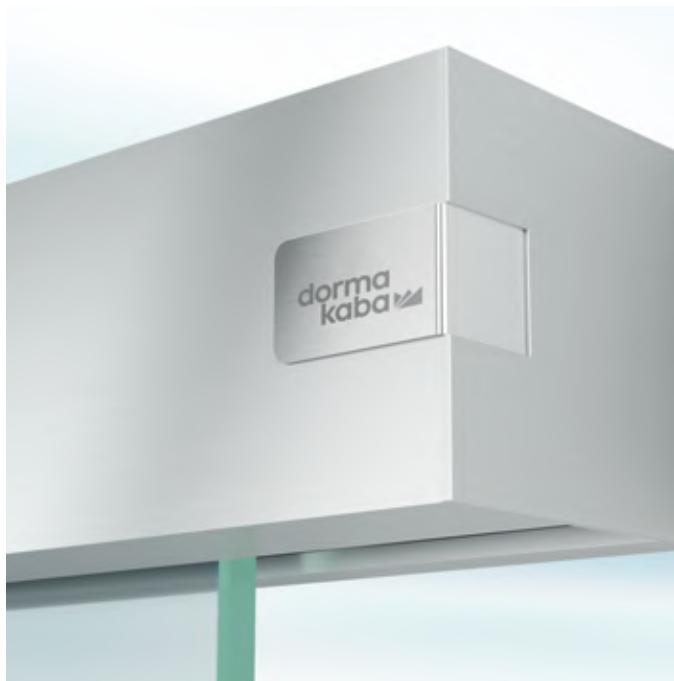
The removable logo clip and the choice of finishes are hallmarks of dormakaba's commitment to design integrity. And special powder-coated finishes are also available on request. Matching accessories such as handle bars and recessed pull grips complete the picture.



reddot award 2015
honourable mention



German
Design Award
NOMINEE 2015



AL White powder-coated



AL Silver anodized



AL Niro anodized (stainless steel look)

Striking finish

A little extra individuality.
The MUTO finishes are
White, Silver and Niro, with
handle bars to match

Versatile system solutions for glass and timber sliding doors

Muto Comfort & Premium

With the compact MUTO sliding door system, it is easy to opt for an individual solution. For glazed systems particularly, the fully integrated package with its many concealed functions is especially ideal. But a MUTO can also be built with timber panels

User-friendly options

- Self-closing function without external power supply
- Independent, concealed mechanical locking (battery-operated)
- Status indicator for monitoring or integration in a building management system
- DORMOTION damper without the need for glass preparation

Options

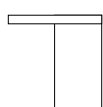
- Telescopic function (two arrangement) for large openings with small panels (optimal use of clear passage width)
- Synchro function – the second panel opens and closes automatically when the first panel moves
- Wall, ceiling and glass-to-glass installation
- For panels up to 150 kg
- Combination with one or two side lights

Not yet sure what configuration to go for?

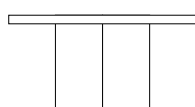
Not a problem. With our practical accessory sets, you can add extras as they become necessary.

Easy to retrofit

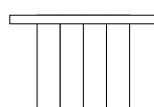
DORMOTION damping
Integrated locking
Status indicator



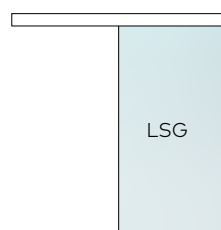
1-panel



2-panel
with/without
synchro



2-panel,
telescopic



High cover profile:
58-69 mm

Certified for
laminated safety
glass. Clear safety.

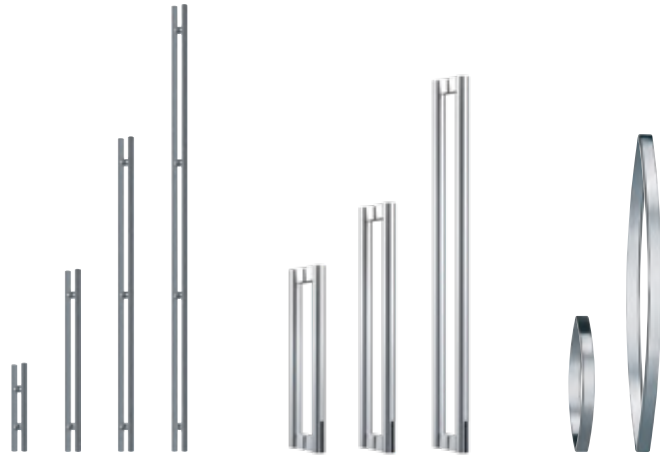
Elegant extras – the ideal complement

Great choice of fittings.

Recessed pull grips are ideal for light sliding doors, while handle bars tend to take preference for the heavier models.



Handle bars from dormakaba can also be supplied in customized lengths (TG Vario range).



MANET handle bars
Lengths: 350, 720, 1,240 or 1,760 mm

BEYOND handle bars
Lengths: 450, 600 or 900 mm

Arcos handle bars
Lengths: 350 or 750 mm



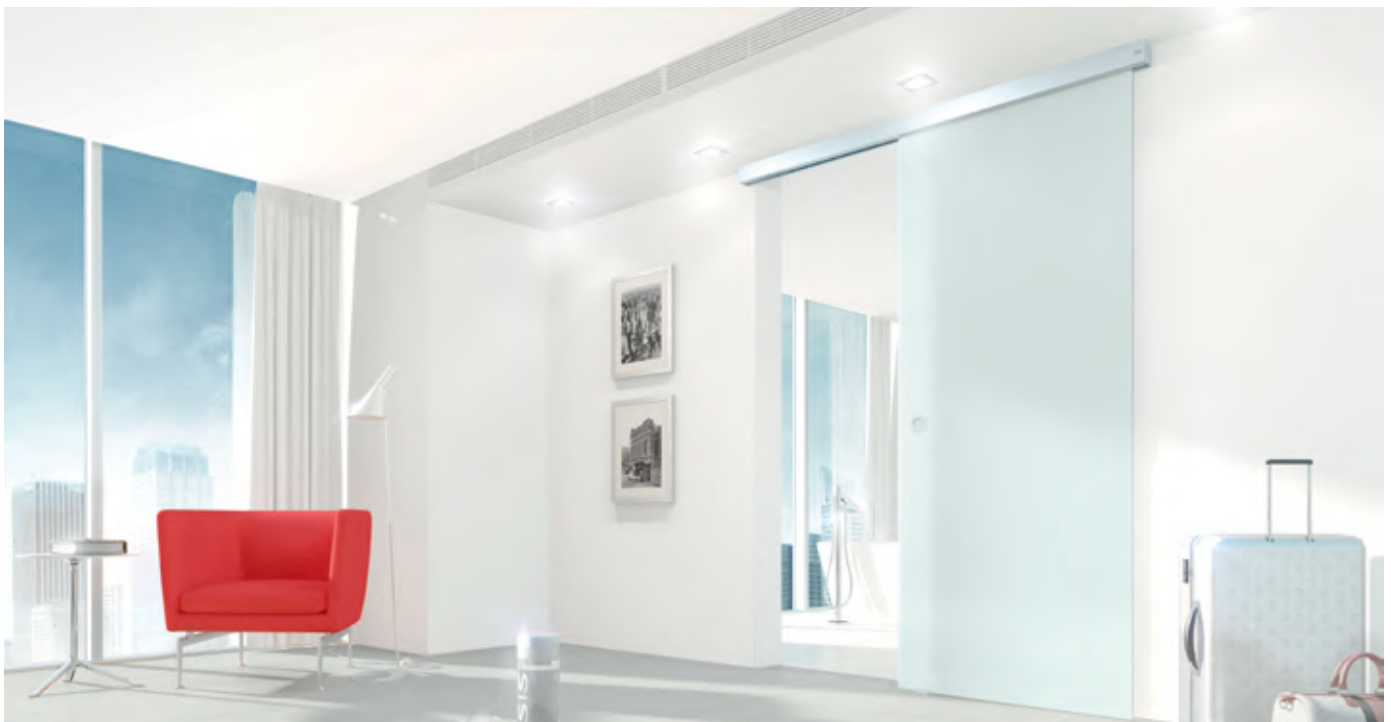
MANET recessed pull grip
open
Diameter: 70 mm



MANET recessed pull grip
closed
Diameter: 60 mm









Recessed pull grip,
conically closed on one side
Diameter: 50 mm



MUTO Comfort & Premium

Ideal for glass panels –
also optionally available
for timber panels.

| Features |  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 ≤ 71 mm H ≤ 69 mm | |
| Basic description | | | | |
| Max. distance from glass panel to | 14 mm | 17 mm | 20 mm | |
| Max. distance from timber panel to ≤ 30 mm | 7 mm | 7 mm | 7 mm | |
| Max. distance from timber panel to > 30 mm | 7 mm | 7 mm | 7 mm | |
| Glass thickness | 8 – 12 mm | 8 – 13,5 mm | 8 – 13,5 mm | |
| Material thickness timber panel (mm) | 28 – 50 | 28 – 50 | 28 – 50 | |
| 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** | ≤ 1,500 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 1-panel | 60 kg | 80 kg | 80 kg | |
| Max. door weight 2-panel | – | 2 x 80 kg | 2 x 80 kg | |
| Min. sliding panel width (mm) | without DORMOTION | 600 ^{1) 2)} | 660 ¹⁾ | 660 ¹⁾ |
| | with DORMOTION | 600 ^{1) 2)} | 660 | 810 |
| Timber panel | ● | ● | ● | |
| 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 | – | ○ | ○ | |
| Self-closing | – | – | – | |
| |  1 door panel |  2 door panels with Synchro |  2 door panels without Synchro | |

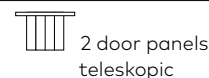
● Yes – No ○ optional

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

** Further glass panel widths are available, subject to consultation with our Application Engineering department.
The glass dimensions may vary due to the method of fixing and installation, glass tolerances or general usage.



| Features | | | | |
|---|------------------------|-----------------------------|----------------------------|-------------------|
| | MUTO Premium XL 150 | MUTO Prem. Self-Closing 120 | MUTO Prem. Teleskopik 80 | |
| Track dimensions: Track | W ≤ 72 mm H ≤ 69 mm | W ≤ 100 mm H ≤ 69 mm | W ≤ 124 mm H ≤ 69 mm | |
| Track dimensions: Track incl. Side panel | W = 91 mm | W = 119 mm | W = 146 mm | |
| Track dimensions: Track + Cover profile | W ≤ 72 mm H ≤ 69 mm | W ≤ 100 mm H ≤ 69 mm | ≤ 127 mm H ≤ 69 mm | |
| Basic description | | | | |
| Max. distance from glass panel to | 20 mm | 20 mm | 17 mm | |
| Max. distance from timber panel to ≤ 30 mm | 7 mm | 7 mm | 7 mm | |
| Max. distance from timber panel to > 30 mm | 7 mm | 7 mm | 7 mm | |
| Glass thickness | 8 – 13,5 mm | 8 – 13,5 mm | 8 – 13,5 mm | |
| Material thickness timber panel (mm) | 28 – 50 | 28 – 50 | 28 – 50 | |
| Installations | Wall, ceiling, glass | Wall, ceiling, glass | Wall, ceiling, glass | |
| Max. door height | ≤ 3,000 mm | ≤ 3,000 mm | ≤ 3,000 mm | |
| Max. door width | ≤ 1,500 mm** | ≤ 1,500 mm ³⁾ | 1,200 / 1,000 mm (2x / 4x) | |
| Door height adjustment | +/- 5 mm | +/- 5 mm | + 5 mm / - 3 mm | |
| Corrosion EN 1670 | Class 4 | Class 4 | Class 4 | |
| Door cycles | ≥ 200,000 | ≥ 200,000 | ≥ 200,000 | |
| DIN EN 1527 | ● | ● | ● | |
| Max. door weight 1-panel | 150 kg | 120 kg | 2 x 80 kg | |
| Max. door weight 2-panel | 2 x 150 kg | 2 x 120 kg | 4 x 80 kg | |
| Min. sliding panel width (mm) | without DORMOTION | 660 ¹⁾ | 660 ¹⁾ | 600 ¹⁾ |
| | with DORMOTION | 1,020 ¹⁾ | 850 ¹⁾ | 790 |
| Timber panel | ● | ● | ● | |
| 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 | ○ | ○ | ○ | |
| Self-closing | - | ● | - | |



1) For optimum operating smoothness, we recommend a width to height ratio of 1:2 to 1:3

2) Consultation required: without DORMOTION, possible upward of 400 mm; with DORMOTION, upward of 550 mm possible

3) Max. travel 1,450 mm

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Door Hardware



Entrance Systems



**Electronic Access
and Data**



Interior Glass Systems



**Mechanical
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