

MULTIFUNCTION MANUAL SLIDING DOOR SYSTEM

MUTO

NEW

Featuring self-closing
action, DORMOTION
damping mechanism,
and telescopic sliders



COMPACT, FLEXIBLE, MULTIFACETED MUTO

Easy operation

Introducing MUTO, the new manual sliding door system from DORMA, designed to impress with an extensive range of features for enhanced ease of operation:

- Self-closing option
- DORMOTION (DORMA SoftClose®) damping mechanism
- Door position status indicator

Versatile solution

MUTO manual sliding door systems provide adaptable solutions:

- Suitable for glass, wood, and other door panel solutions for both light and heavy doors weighing from 110 lb to 440 lb (50 kg to 200 kg)
- Easily installed and adjusted, with a removable front cover
- Unparalleled design in multiple finishes; choose from aluminum, similar to satin stainless, or over 200 custom RAL colors
- Synchro and telescopic models



Advanced convenience

Functions and benefits to make life easier

4-5

Product models

MUTO Comfort and
MUTO Basic

6-7

Elegant design

New compact class
Choice of finishes

8-9

NOTE: See pages 12-15 for details regarding when different options and features will be available.



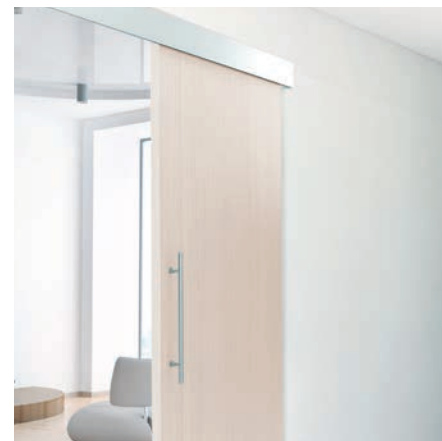
Easy installation

Simple handling
Precise installation
10-11



MUTO Comfort

Technical details
12-13



MUTO Basic

Technical details
14-15

MAJORING IN CONVENIENCE

MUTO – user-friendly options, individually configurable systems.*

Self-closing. Hassle-free.



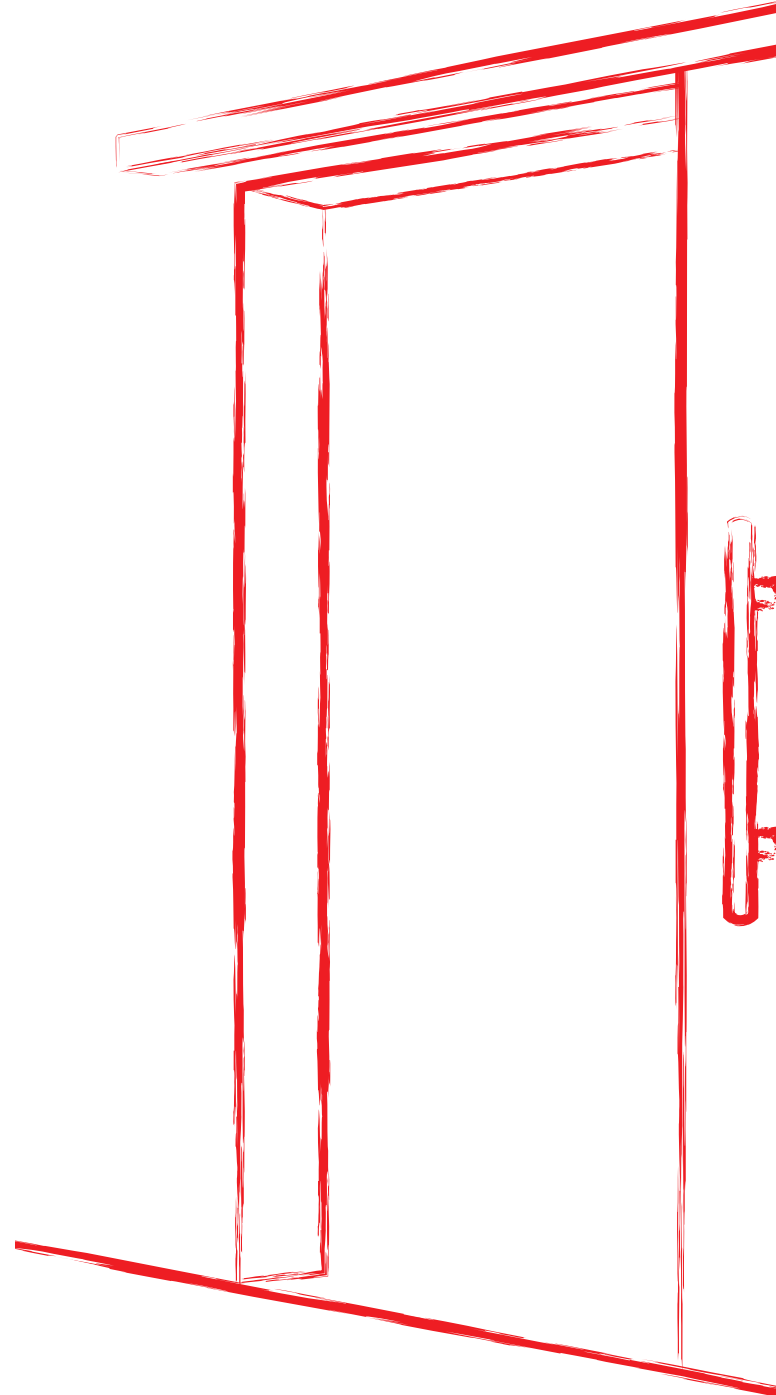
MUTO automatically closes the door once it has been opened – quietly and without a power supply. An enhancement to any interior.

DORMOTION – the elegant DORMA Softclose® damping mechanism.



The epitome of elegant convenience, the DORMOTION function gently decelerates the door panel over the last few inches, taking it automatically and quietly to its end opened or closed position.

*See pages 12–15 for information regarding which features are available with the various models of MUTO Comfort and MUTO Basic.



Extraordinary convenience housed in a slim profile.

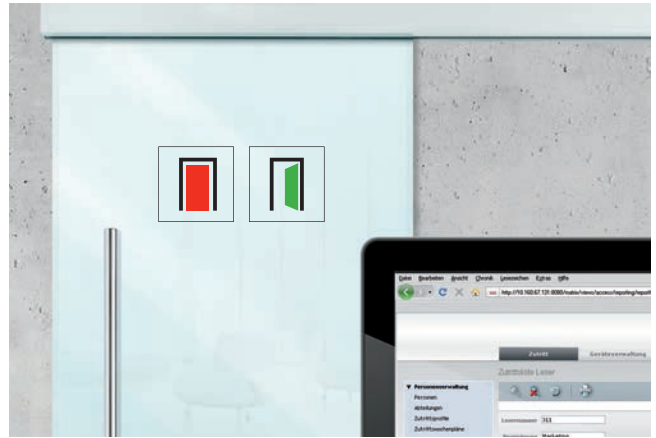
The MUTO system impresses by virtue of its compact elegance and extensive functionality, creating a sliding door system with enhanced user-friendliness. Optional convenience features

include power-free self-closing and a status indicator that allows the door to be monitored from anywhere in the building.

The system is also available in Synchro and Telescopic versions.



Status indicator – everything under control.



The optional status indicator ensures that the sliding door can be monitored with remarkable ease. As soon as the door opens or closes, a status signal is transmitted to the building

management system or an indicator lamp – an important benefit in buildings requiring professional facility management capability.

VERSATILE SYSTEMS FOR GLASS AND WOOD MANUAL SLIDING DOORS

MUTO Comfort and MUTO Basic systems adjust to your individual requirements. Choose from single, double, or telescopic door configurations, then select the functions that fit your application.

With the MUTO compact sliding door system, even tailored solutions come easily. The fully integrated MUTO Comfort offers a choice of

optional functions, all controlled by mechanisms housed out of sight behind the compact header. MUTO Comfort is particularly

suitable for glass applications, but can be adapted for wood, metal, or other door material solutions. MUTO Basic is specifically designed for wood

doors, but can also be adapted for glass panels.

MUTO COMFORT

A multifunction sliding door system, adaptable to changing needs

User-friendly MUTO Comfort options enable customized solutions with the door mechanisms concealed behind a compact header. Not certain what features you need? No problem. Practical assembly kits allow some options to be retrofitted* as your needs change. MUTO Comfort supports doors weighing from 110 lb to 330 lb (50 kg to 150 kg).

MUTO Comfort options

- Mechanical self-closing action
- Door position status indicator connecting to your facility management
- DORMOTION (DORMA SoftClose®) damping mechanism; no glass preparation required

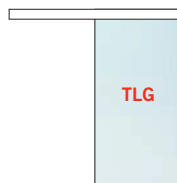
MUTO Comfort is designed for glass applications, but can be adapted for wood, metal, or other door material solutions.

*Comfort retrofit options

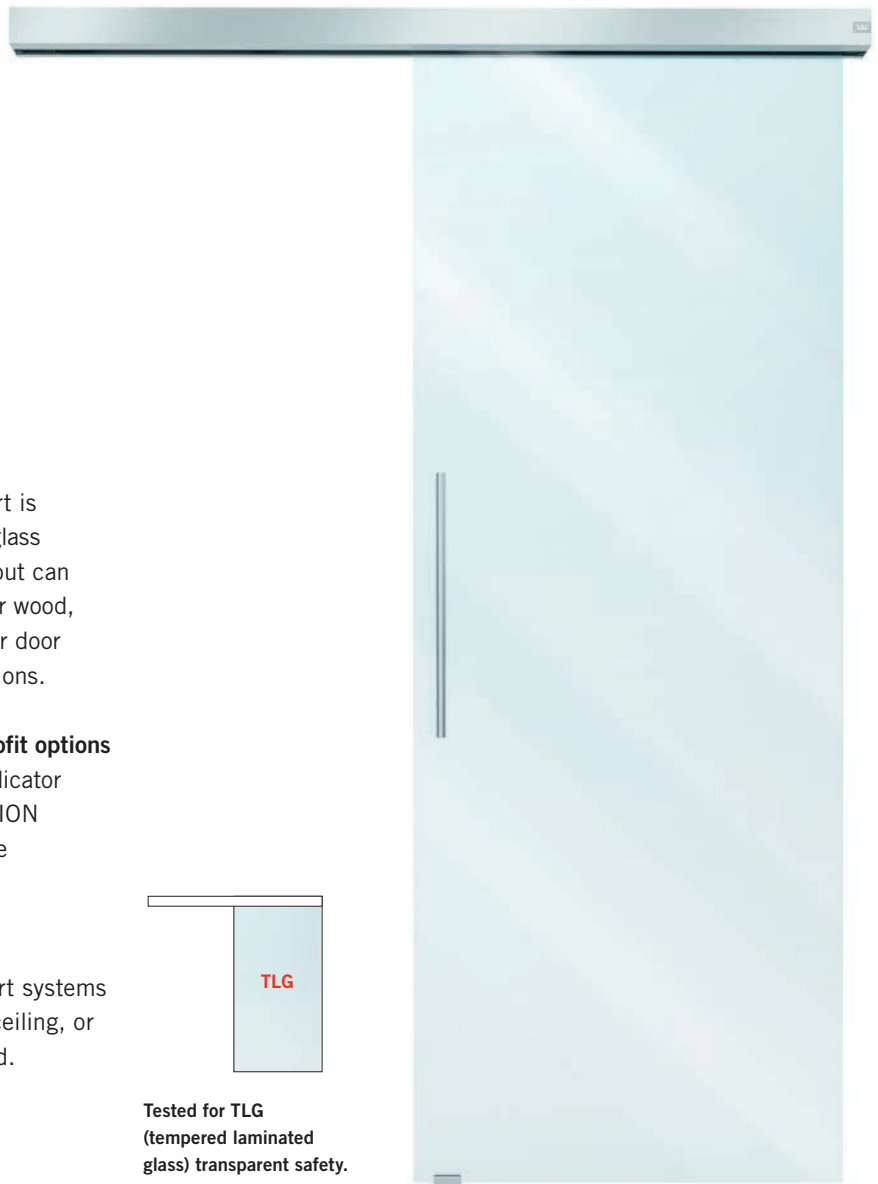
The status indicator and DORMOTION options can be retrofitted.

Installation

MUTO Comfort systems can be wall, ceiling, or glass mounted.



Tested for TLG (tempered laminated glass) transparent safety.



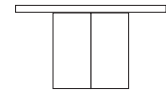
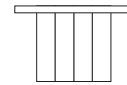
Multiple configurations

Both MUTO Comfort and MUTO Basic manual sliding door systems are available in several configurations:

- **Single or double panels**
- **Synchro** – the second door panel opens and closes automatically as the first one moves
- **Telescopic** (MUTO Comfort only) – wide openings with small panels



Single panel

Double panel
with/without
SynchroDouble-panel,
telescopic

MUTO BASIC

A simple, elegant sliding door system designed for wood doors

The MUTO Basic system is specifically designed for wood door panels, but clamps can be fitted to accommodate glass. MUTO Basic supports doors weighing from 110 lb to 440 lb (50 kg to 200 kg).

Like the Comfort system, the mechanisms operating the door are all concealed behind an attractively compact header.

MUTO Basic option

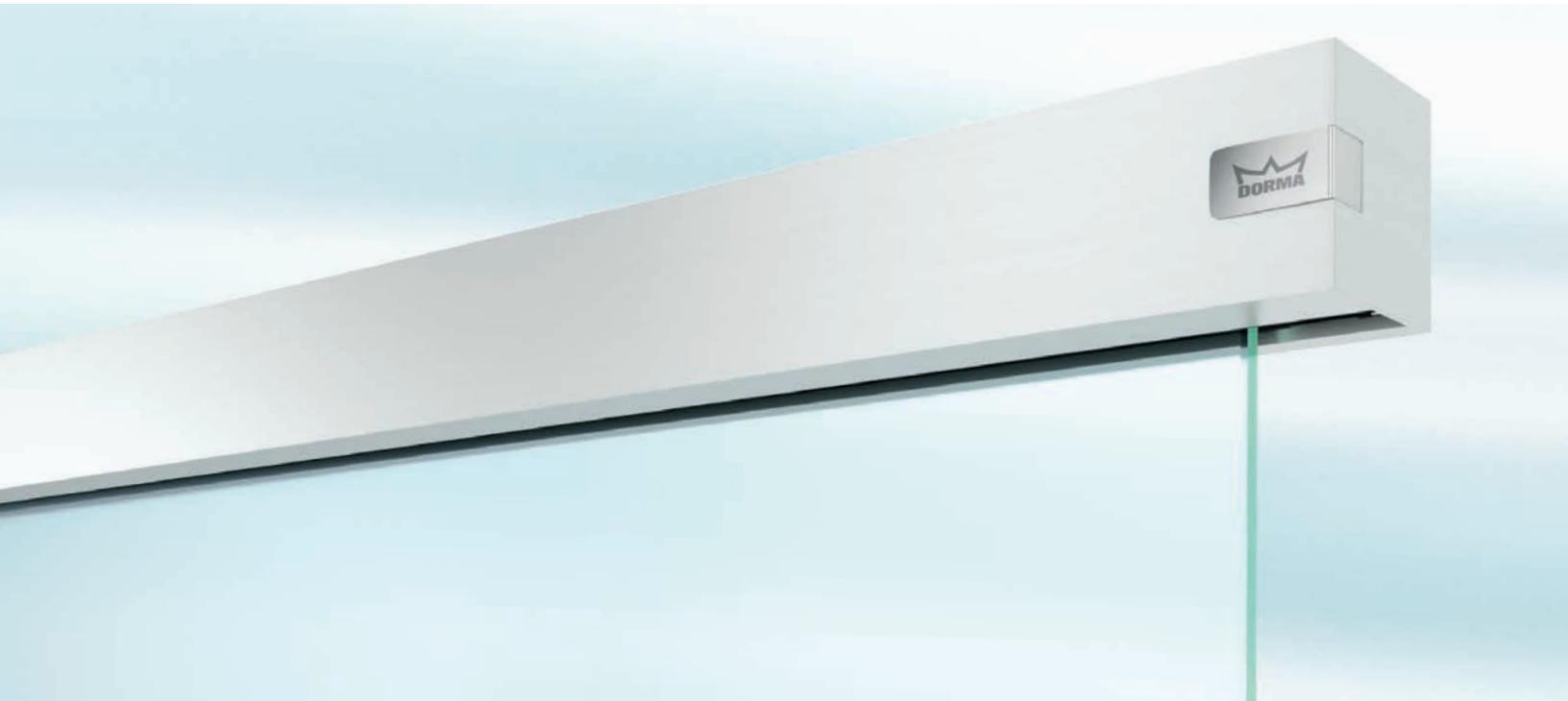
- DORMOTION (DORMA SoftClose®), a damping mechanism that softens the door's final movement upon opening or closing. No glass preparation required.

Installation

MUTO Basic systems can be wall or ceiling mounted.

COMPACT CONSTRUCTION, ELEGANT FUNCTIONALITY

—
MUTO – multiple design options.



MUTO systems conceal complex technology within a compact header case, a clever design that allows MUTO to match and enhance any project's décor. The

removable logo clip and the choice of finishes are characteristic of DORMA's integrated approach to design.



DORMA quality
The DORMA logo clip on the MUTO header is a marker of DORMA quality. If preferred, the logo clip can be easily removed.

Color scheme
For that extra bit of individuality. The aluminium MUTO profile can be provided in 150 Satin Aluminum or 113 Similar to Satin Stainless. Special powder-coated finishes are also available upon request.



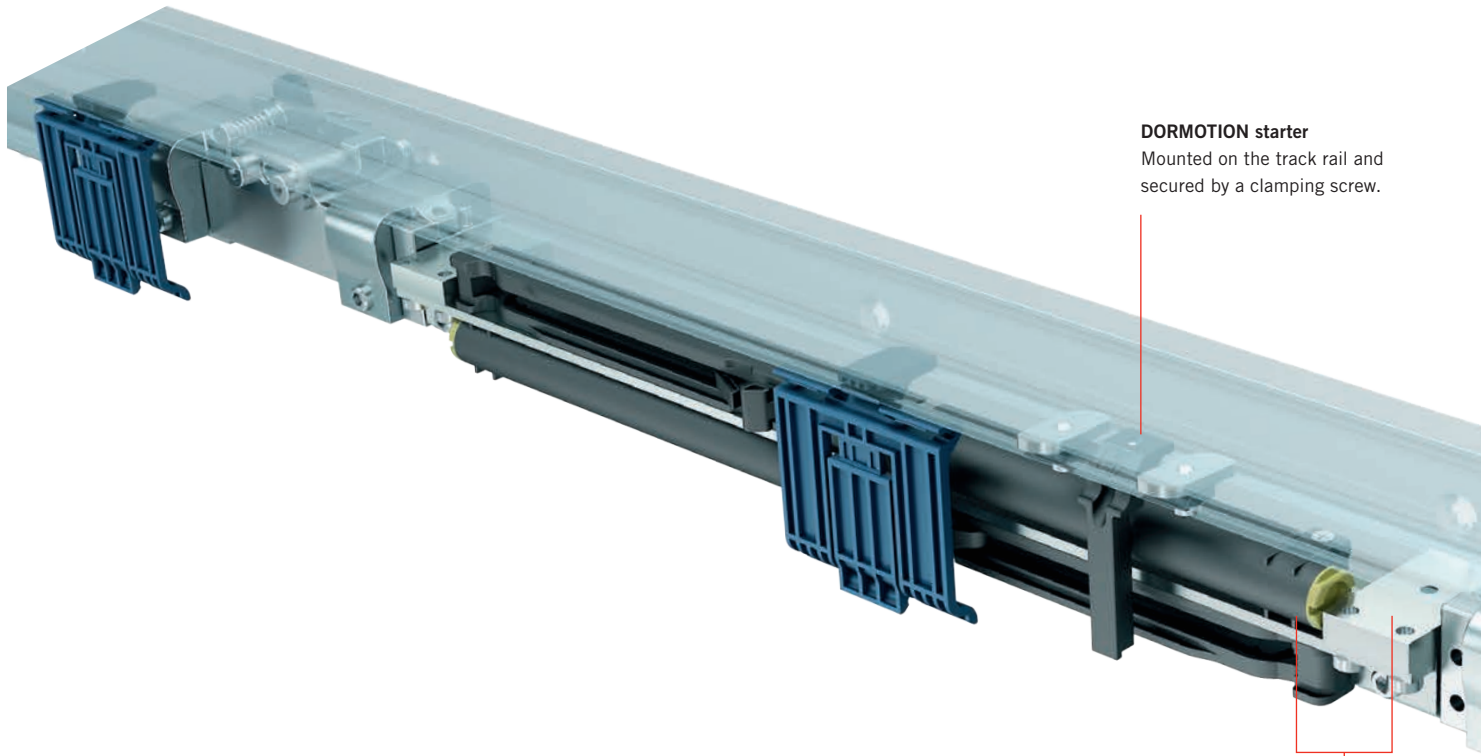
■ 150 Satin Aluminum



■ 113 Similar to Satin Stainless
(Available late 2015)

THE FAST AND EASY TO INSTALL MANUAL SLIDING DOOR SYSTEM

MUTO – the new standard for quick and hassle-free installation from DORMA.

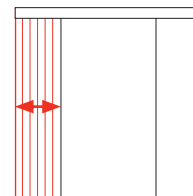
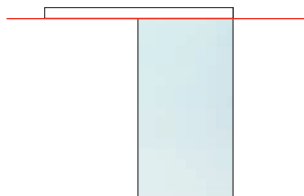
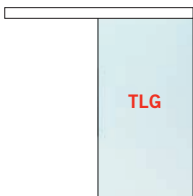


DORMOTION starter
Mounted on the track rail and secured by a clamping screw.

TLG-tested. Transparent safety.
MUTO has been successfully tested to assure its safety when installed with tempered laminated glass (TLG).

Simple precision
False/suspended ceilings? No problem. The interconnecting profile means that the system can still be installed with precision.

DORMOTION (DORMA SoftClose®)
The damping mechanism is simply mounted on the door panel and clamped tight.



Installing the MUTO manual sliding door system is easy; all the relevant functions can be set from the front. Height adjustment is remarkably simple, and no additional glass preparation is needed to incorporate the DORMOTION damping function. Even false/

suspended ceilings are not a problem, thanks to the adapter profile provided. MUTO systems installed with tempered laminated glass have undergone testing that assures them to be extra safe.

MUTO INSTALLATION

Features overview

- Quick & hassle-free fitting and adjustment from the front
- Suitable for use with TLG (tempered laminated safety glass)
- Prepared for both glass and wood door applications
- Adapter profile for false/suspended ceiling installation

Anti-jump mechanism

Simple activation of the anti-jump mechanism.

Clip-on mounting

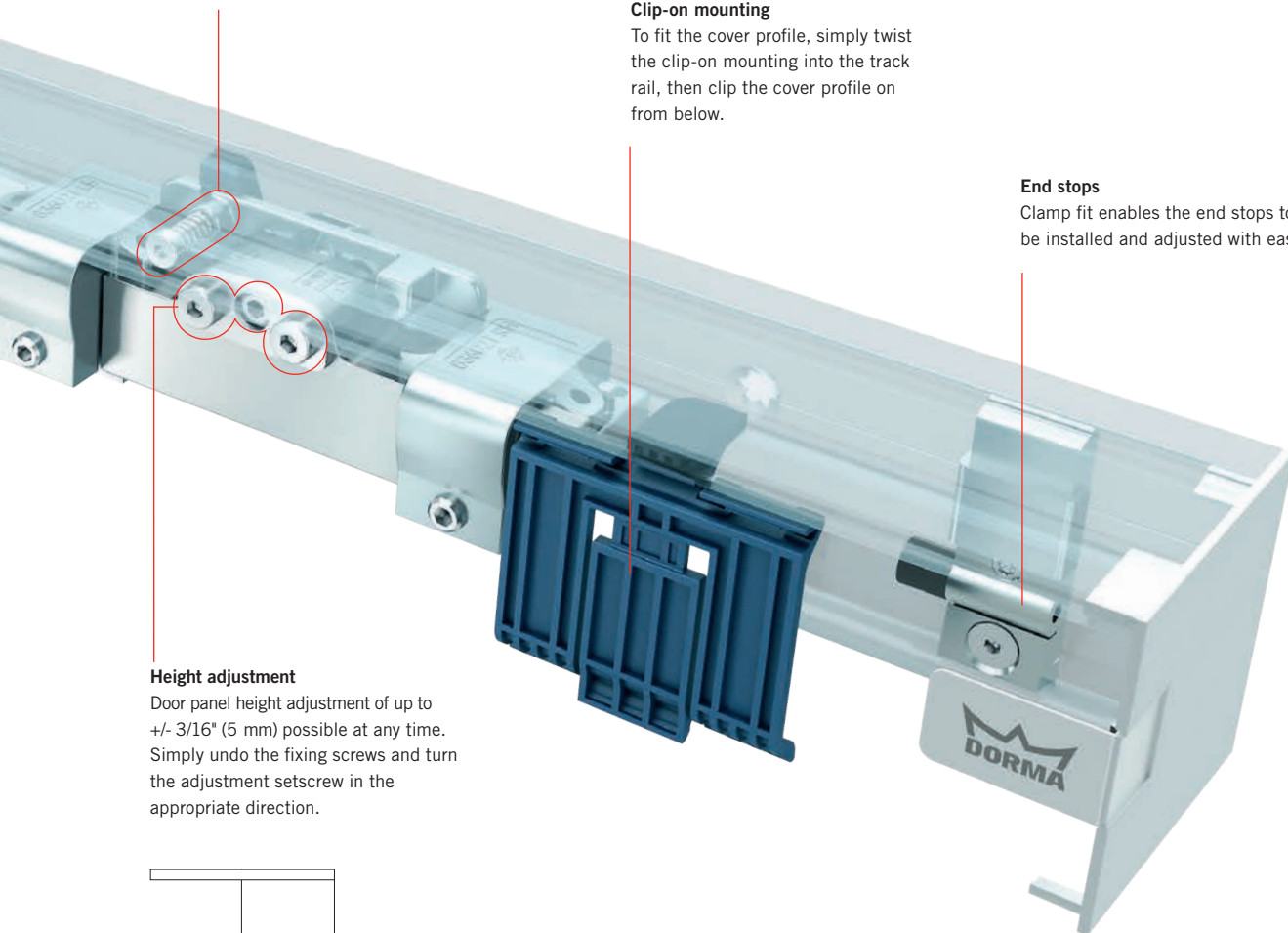
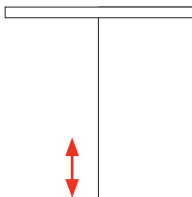
To fit the cover profile, simply twist the clip-on mounting into the track rail, then clip the cover profile on from below.

End stops

Clamp fit enables the end stops to be installed and adjusted with ease.

Height adjustment

Door panel height adjustment of up to +/- 3/16" (5 mm) possible at any time. Simply undo the fixing screws and turn the adjustment setscrew in the appropriate direction.



MUTO COMFORT

NOTE:

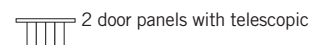
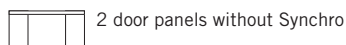
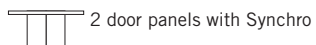
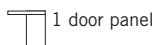
All measurements are shown in inches followed by (millimeters); for example: 3/8" (10).

Ideal for glass applications. Wood as option.



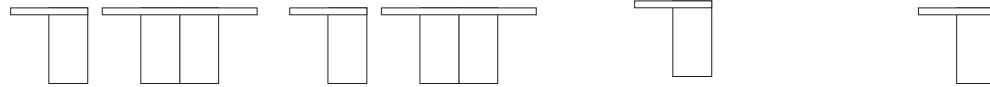
COMFORT	MUTO Comfort XL-DORMOTION-150	MUTO Comfort XL-150 (DORMOTION optional)	MUTO Comfort Self-Closing-120	MUTO Comfort XL-Telescopic-80
Case dimensions/track	w = 2-27/32" (72) h = 2-23/32" (69)	w = 2-7/16" (62) h = 2-23/32" (69)	w = 3-15/16" (100) h = 2-23/32" (69)	w = 4-15/16" (125) h = 2-23/32" (69)
Case dimensions/track + optional side panel	w = 3-19/32" (91)	w = 3-3/16" (81)	w = 4-11/16" (119)	w = 5-21/32" (144)
Case dimensions/track + coverprofile	w = 2-7/8" (73) h = 2-23-32" (69)	w = 2-1/2" (63) h = 2-23-32" (69)	w = 4" (101) h = 2-23/32" (69)	w = 5" (126) h = 2-23/32" (69)
Basic description				
Max. glass door gap to wall	25/32" (20)	25/32" (20)	25/32" (20)	11/16" (17)
Max. wood door gap to wall ≤ 1-14" (30)	9/32" (7)	9/32" (7)	9/32" (7)	9/32" (7)
Max. wood door gap to wall > 1-14" (30)	9/32" (7)	9/32" (7)	9/32" (7)	9/32" (7)
Glass thickness	5/16" – 17/32" (8 – 13.5)	5/16" – 17/32" (8 – 13.5)	5/16" – 17/32" (8 – 13.5)	5/16" – 17/32" (8 – 13.5)
Max. wood door thickness	1-31/32" (50)	1-31/32" (50)	1-31/32" (50)	1-31/32" (50)
Installations	Wall, ceiling, or glass transom/sidelite	Wall, ceiling, or glass transom/sidelite	Wall, ceiling, or glass transom/sidelite	Wall, ceiling, or glass transom/sidelite
Door height	≤ 118" (3 m)	≤ 118" (3 m)	≤ 118" (3 m)	≤ 118" (3 m)
Door width	≤ 98-7/16" (2.5 m)	≤ 98-7/16" (2.5 m)	≤ 59-1/16" (1.5 m)	≤ 47-1/4" (1.2 m)
Door height adjustment	+/- 3/16" (+/- 5)	+/- 3/16" (+/- 5)	+/- 3/16" (+/- 5)	+/- 3/16" – 1/8" (+/- 5 – 3)
Door cycles	200,000	200,000	200,000	200,000
Max. door weight/single door	330 lb (150 kg)	330 lb (150 kg)	264 lb (120 kg)	2 × 176 lb (80 kg)
Max. door weight/double door	2 × 330 lb (150 kg)	2 × 330 lb (150 kg)	2 × 264 lb (120 kg)	4 × 176 lb (80 kg)
Easy installation	•	•	•	•
Prepared for wood	◦	◦	◦	◦
Prepared for TLG	◦	◦	◦	◦
Functions				
DORMOTION (DORMA SoftClose®)	• Std	◦	• Opening cycle std	◦
Synchro (synchronized opening and closing of pairs)	◦	◦	–	–
Status indicator	◦	◦	◦	◦
Self-Closing	–	–	• Std	–
Availability	Coming Soon	Coming Soon	Fall 2015	Spring 2016

• yes – no ◦ optional





■ 150 Satin Aluminum


 ■ 113 Similar to Satin Stainless
(Available late 2015)


COMFORT	MUTO Comfort L-DORMOTION-80	MUTO Comfort L-80 (DORMOTION optional)	MUTO Comfort M-DORMOTION-50	MUTO Comfort M-50
Case dimensions/track	w = 2-13/16" (71) h = 2-9/32" (58)	w = 2-13/32" (61) h = 2-9/32" (58)	w = 2-1/4" (57) h = 2-9/32" (58)	w = 2-1/4" (57) h = 2-9/32" (58)
Case dimensions/track + optional side panel	w = 3-9/16" (90)	w = 3-5/32" (80)	–	–
Case dimensions/track + coverprofile	w = 2-27/32" (72) h = 2-9/32" (58)	w = 2-7/16" (62) h = 2-9/32" (58)	w = 2-9/32" (58) h = 2-9/32" (58)	w = 2-9/32" (58) h = 2-9/32" (58)
Basic description				
Max. glass door gap to wall	11/16" (17)	11/16" (17)	27/32" (21.5) – 15/16" (23.5)	27/32" (21.5) – 15/16" (23.5)
Max. wood door gap to wall ≤ 1-14" (30)	9/32" (7)	9/32" (7)	9/32" (7)	9/32" (7)
Max. wood door gap to wall > 1-14" (30)	9/32" (7)	9/32" (7)	9/32" (7)	9/32" (7)
Glass thickness	5/16" – 17/32" (8 – 13.5)	5/16" – 17/32" (8 – 13.5)	5/16" – 13/32" (8 – 10)	5/16" – 13/32" (8 – 10)
Max. wood door thickness	1-31/32" (50)	1-31/32" (50)	1-31/32" (50)	1-31/32" (50)
Installations	Wall, ceiling, or glass transom/sidelite	Wall, ceiling, or glass transom/sidelite	Wall, ceiling	Wall, ceiling
Door height	≤ 118" (3 m)	≤ 118" (3 m)	≤ 98-7/16" (2.5 m)	≤ 98-7/16" (2.5 m)
Door width	≤ 78-3/4" (2 m)	≤ 78-3/4" (2 m)	≤ 39-3/8" (1 m)	≤ 39-3/8" (1 m)
Door height adjustment	+/- 3/16" – 1/8" (+/- 5 – 3)	+/- 3/16" – 1/8" (+/- 5 – 3)	+/- 1/16" (+/- 2)	+/- 1/16" (+/- 2)
Door cycles	100,000	100,000	100,000	100,000
Max. door weight/single door	176 lb (80 kg)	176 lb (80 kg)	110 lb (50 kg)	110 lb (50 kg)
Max. door weight/double door	2 × 176 lb (80 kg)	2 × 176 lb (80 kg)	–	–
Easy installation	•	•	•	•
Prepared for wood	○	○	○	○
Prepared for TLG	○	○	–	–
Functions				
DORMOTION (DORMA SoftClose®)	• Std	○	• Std	○
Synchro (synchronized opening and closing of pairs)	•	•	–	–
Status indicator	○	○	–	–
Self-Closing	–	–	–	–
Availability	Coming Soon	Coming Soon	Coming Soon	Coming Soon

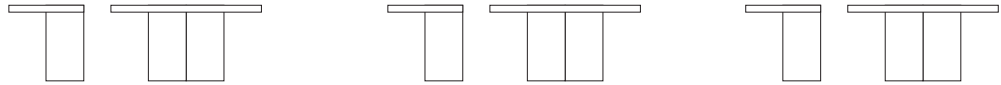
• yes – no ○ optional

MUTO BASIC

Ideal for wood applications. Glass as option.

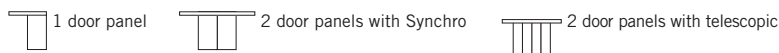
NOTE:

All measurements are shown in inches followed by (millimeters); for example: 3/8" (10).



BASIC	MUTO Basic XL-200	MUTO Basic XL-160 (DORMOTION optional)	MUTO Basic XL-120 (DORMOTION optional)
Case dimensions/track	w = 2-31/32" (75) h = 2-27/32" (72)	w = 2-31/32" (75) h = 2-27/32" (72)	w = 2-5/32" (55) h = 2-23/32" (52)
Case dimensions/track + coverprofile	w = 3-1/16" (78) h = 5-19/32" (142)	w = 3-1/16" (78) h = 5-19/32" (142)	w = 2-3/4" (70) h = 3-15/16" (100)
Basic description			
Max. glass door gap to wall	25/32" (20)	25/32" (20)	13/32" (10)
Max. wood door gap to wall ≤ 1-14" (30)	23/32" (18)	23/32" (18)	11/32" (8.5)
Max. wood door gap to wall > 1-14" (30)	5/16" (8)	5/16" (8)	7/16" (11)
Glass thickness	5/16" – 17/32" (8 – 13.5)	5/16" – 17/32" (8 – 13.5)	5/16" – 17/32" (8 – 13.5)
Max. wood door thickness	1-31/32" (50)	1-31/32" (50)	1-31/32" (50)
Installations	Wall or ceiling	Wall or ceiling	Wall or ceiling
Door height	≤ 118" (3 m)	≤ 118" (3 m)	≤ 118" (3 m)
Door width	≤ 98-7/16" (2.5 m)	≤ 98-7/16" (2.5 m)	≤ 98-7/16" (2.5 m)
Door height adjustment	+/- 3/16" (+/- 5)	+/- 3/16" (+/- 5)	+/- 3/16" (+/- 5)
Door cycles	50,000	50,000	50,000
Max. door weight/single door	440 lb (200 kg)	352 lb (160 kg)	264 lb (120 kg)
Max. door weight/double door	2 × 440 lb (200 kg)	2 × 352 lb (160 kg)	2 × 264 lb (120 kg)
Easy installation	•	•	•
Prepared for wood	•	•	•
Prepared for TLG	◦	◦	◦
Functions			
DORMOTION (DORMA SoftClose®)	–	◦	◦
Synchro (synchronized opening and closing of pairs)	◦	◦	◦
Status indicator	–	–	–
Self Closing	–	–	–
Availability	Winter 2015	Winter 2015	Winter 2015

• yes – no ◦ optional

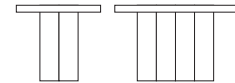
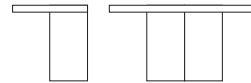
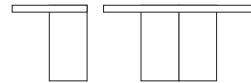




▪ 150 Satin Aluminum



▪ 113 Similar to Satin Stainless (Available late 2015)



BASIC	MUTO Basic M-80 (DORMOTION optional)	MUTO Basic M-50 (DORMOTION optional)	MUTO Basic M-Telescopic-80
Case dimensions/track	w = 2" (51) h = 1-25/32" (45)	w = 2" (51) h = 1-3/4" (45)	w = 4-3/16" (106) h = 1-3/4" (45)
Case dimensions/track + coverprofile	w = 2-17/32" (64) h = 3-15/16" (100)	w = 2-1/2" (64) h = 3-15/16" (100)	w = 4-11/32" (106) h = 3-15/16" (100)
Basic description			
Max. glass door gap to wall	13/32" (10)	13/32" (10)	13/32" (10)
Max. wood door gap to wall ≤ 1-14" (30)	9/32" (7.5)	9/32" (7.5)	9/32" (7.5)
Max. wood door gap to wall > 1-14" (30)	9/32" (7.5)	9/32" (7.5)	9/32" (7.5)
Glass thickness	5/16" – 17/32" (8 – 13.5)	5/16" – 17/32" (8 – 13.5)	5/16" – 17/32" (8 – 13.5)
Max. wood door thickness	1-31/32" (50)	1-31/32" (50)	1-31/32" (50)
Installations	Wall or ceiling	Wall or ceiling	Wall or ceiling
Door height	≤ 118" (3 m)	≤ 118" (3 m)	≤ 118" (3 m)
Door width	≤ 98-7/16" (2.5 m)	≤ 98-7/16" (2.5 m)	≤ 98-7/16" (2.5 m)
Door height adjustment	+/- 3/16" (+/- 5)	+/- 3/16" (+/- 5)	+/- 3/16" (+/- 5)
Door cycles	50,000	50,000	50,000
Max. door weight/single door	176 lb (80 kg)	110 lb (50 kg)	2 × 176 lb (80 kg)
Max. door weight/double door	2 × 176 lb (80 kg)	2 × 110 lb (50 kg)	4 × 176 lb (80 kg)
Easy installation	•	•	•
Prepared for wood	•	•	•
Prepared for TLG	◦	◦	◦
Functions			
DORMOTION (DORMA SoftClose®)	◦	◦	◦
Synchro (synchronized opening and closing of pairs)	◦	◦	◦
Status indicator	–	–	–
Self Closing	–	–	–
Availability	Winter 2015	Winter 2015	Spring 2016

• yes – no ◦ optional



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