

Milano Folding Door System

The edge hung Milano folding door system incorporates elegantly crafted cast stainless steel fittings

Rollers mounted at the glass corners allow the panels to fold clear of one end and be stacked either inside or outside of the room. Designed for glass panel thickness of 8/10/12mm with a gap between the glass panels of less than 3mm. Several different handle and locking arrangements are available for various layouts. We would be pleased to discuss these with you.

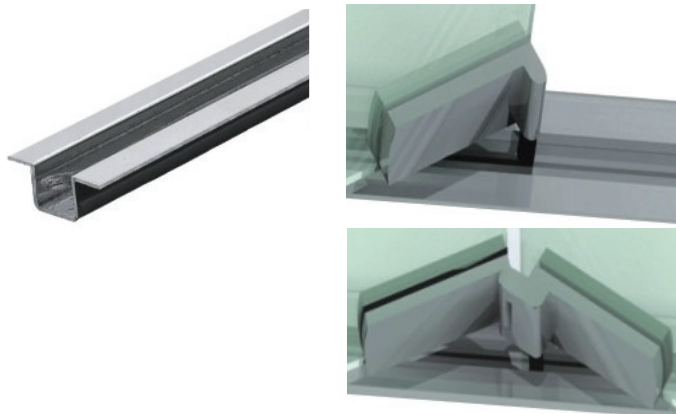
LS-13-CC Milano Stainless Steel Sliding Door Lock



AVAILABLE FINISHES

- Satin stainless steel

DT-215 Milano Stainless Steel Floor Guide



AVAILABLE FINISHES

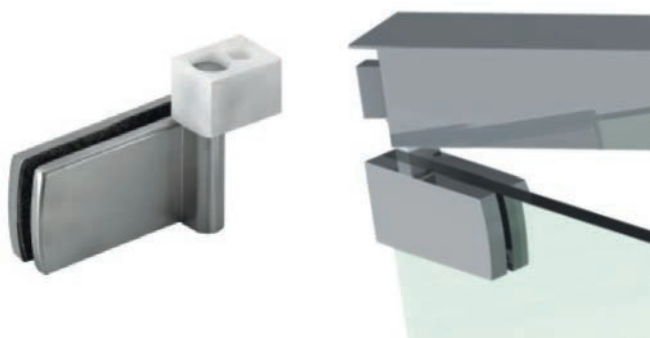
- Satin stainless steel

TECHNICAL DETAILS

- Rollers mounted at the glass corners allow the panels to fold clear of one end and be stacked either inside or outside of the room
- Designed for glass panel thickness' of 8mm, 10mm or 12mm with a gap between the glass panels of less than 3mm
- Several different handle and locking arrangements are available

Specify glass thickness when ordering

DF-216



AVAILABLE FINISHES

- Satin stainless steel

TECHNICAL DETAILS

- Available either as a 4 or 5 panel kit, or individual components
- Top track stock length 4m with a clear anodised finish as standard
- Bottom track is 4m pressed stainless steel with satin finish
- All glass is to be monolithic and fully toughened in accordance with AS 2208

Specify glass thickness when ordering

DF-206



AVAILABLE FINISHES

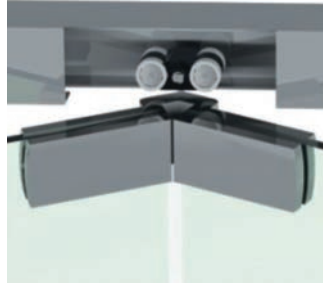
- Satin stainless steel

TECHNICAL DETAILS

- Available either as a 4 or 5 panel kit, or individual components
- Top track stock length 4m with a clear anodised finish as standard
- Bottom track is 4m pressed stainless steel with satin finish
- All glass is to be monolithic and fully toughened in accordance with AS 2208

Specify glass thickness when ordering

DF-210



AVAILABLE FINISHES

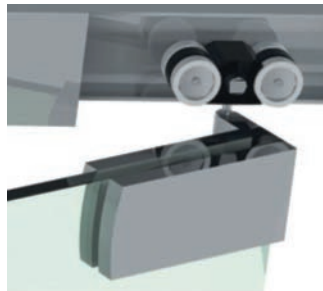
- Satin stainless steel

TECHNICAL DETAILS

- Available either as a 4 or 5 panel kit, or individual components
- Top track stock length 4m with a clear anodised finish as standard
- Bottom track is 4m pressed stainless steel with satin finish
- All glass is to be monolithic and fully toughened in accordance with AS 2208

Specify glass thickness when ordering

DF-211



AVAILABLE FINISHES

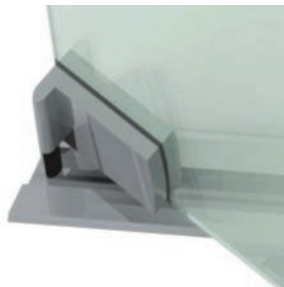
- Satin stainless steel

TECHNICAL DETAILS

- Available either as a 4 or 5 panel kit, or individual components
- Top track stock length 4m with a clear anodised finish as standard
- Bottom track is 4m pressed stainless steel with satin finish
- All glass is to be monolithic and fully toughened in accordance with AS 2208

Specify glass thickness when ordering

DF-217



AVAILABLE FINISHES

- Satin stainless steel

TECHNICAL DETAILS

- Available either as a 4 or 5 panel kit, or individual components
- Top track stock length 4m with a clear anodised finish as standard
- Bottom track is 4m pressed stainless steel with satin finish
- All glass is to be monolithic and fully toughened in accordance with AS 2208

Specify glass thickness when ordering

DF-213



AVAILABLE FINISHES

- Satin stainless steel

TECHNICAL DETAILS

- Available either as a 4 or 5 panel kit, or individual components
- Top track stock length 4m with a clear anodised finish as standard
- Bottom track is 4m pressed stainless steel with satin finish
- All glass is to be monolithic and fully toughened in accordance with AS 2208

Specify glass thickness when ordering

DF-212



AVAILABLE FINISHES

- Satin stainless steel

TECHNICAL DETAILS

- Available either as a 4 or 5 panel kit, or individual components
- Top track stock length 4m with a clear anodised finish as standard
- Bottom track is 4m pressed stainless steel with satin finish
- All glass is to be monolithic and fully toughened in accordance with AS 2208

Specify glass thickness when ordering

DF-214



AVAILABLE FINISHES

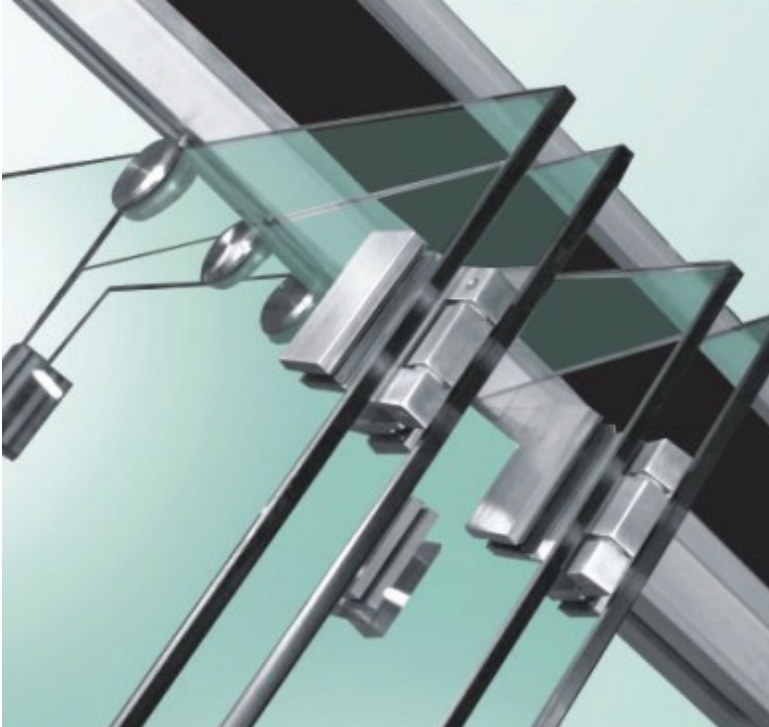
- Satin stainless steel

TECHNICAL DETAILS

- Available either as a 4 or 5 panel kit, or individual components
- Top track stock length 4m with a clear anodised finish as standard
- Bottom track is 4m pressed stainless steel with satin finish
- All glass is to be monolithic and fully toughened in accordance with AS 2208

Specify glass thickness when ordering

Napoli Folding Door System



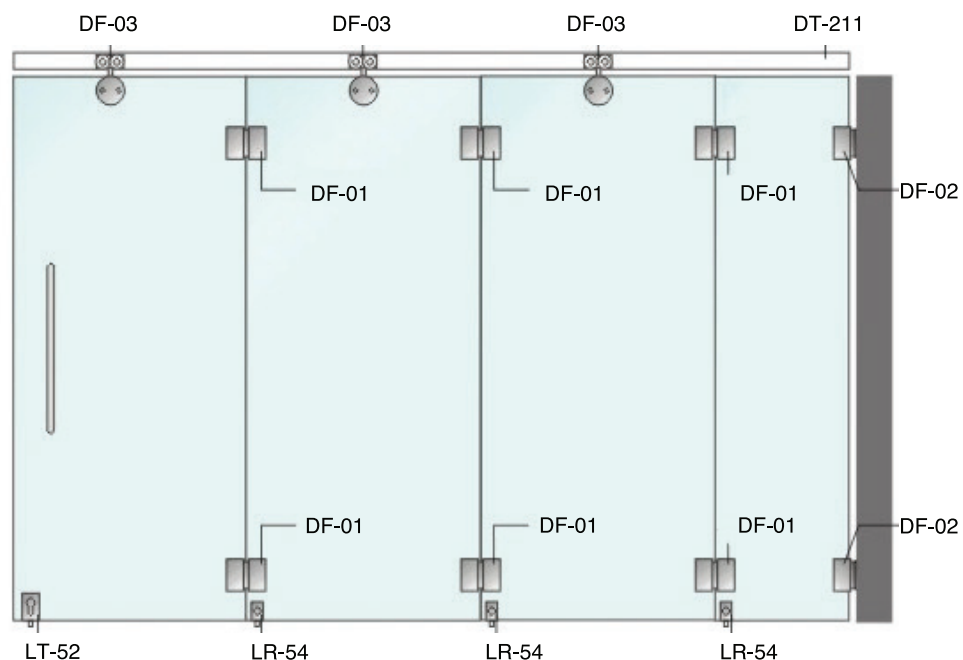
Perfect design and elegant style

Panels of NAPOLI series of movable glass partitions can form a continuous transparent partition without the requirement for any frame. Rollers mounted at the top centre of the glass panels provide balanced support, and together with the screw fixed hinges in the first panel, eliminate the requirement for a bottom guide track.

Hinges are mounted onto the glass with no visible fixings providing a sleek and stylish appearance.

Overhead track can be either surface mounted or recessed into the ceiling.

Napoli Folding Door System Diagram

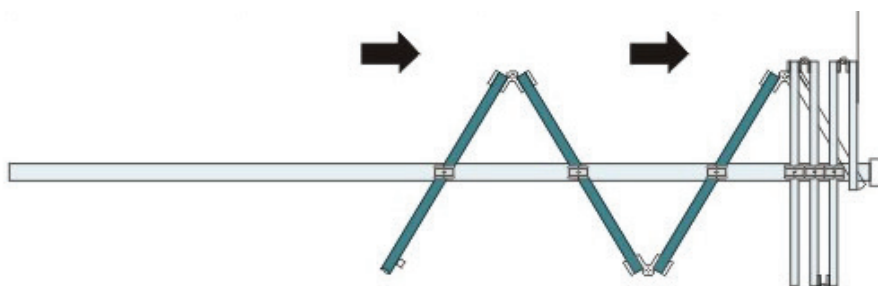


Folding door with
central roller, pull
handle and bottom
floor lock

Folding door with
central roller and
floor bolt

Folding door with
central roller and
floor bolt

Half panel
folding door
with screw
fixed hinges
and floor
bolt



DT-211



AVAILABLE FINISHES

- Satin stainless steel

Specify glass thickness when ordering

TECHNICAL DETAILS

- Available either as a 4 or 5 panel kit, or individual components
- Handles to be ordered separately
- Top track stock length 4m with a clear anodised finish as standard
- All glass is to be monolithic and fully toughened in accordance with AS 2208

DF-03



AVAILABLE FINISHES

- Satin stainless steel

Specify glass thickness when ordering

TECHNICAL DETAILS

- Available either as a 4 or 5 panel kit, or individual components
- Handles to be ordered separately
- Top track stock length 4m with a clear anodised finish as standard
- All glass is to be monolithic and fully toughened in accordance with AS 2208

DF-01



AVAILABLE FINISHES

- Satin stainless steel

Specify glass thickness when ordering

TECHNICAL DETAILS

- Available either as a 4 or 5 panel kit, or individual components
- Handles to be ordered separately
- Top track stock length 4m with a clear anodised finish as standard
- All glass is to be monolithic and fully toughened in accordance with AS 2208

DF-02



AVAILABLE FINISHES

- Satin stainless steel

Specify glass thickness when ordering

TECHNICAL DETAILS

- Available either as a 4 or 5 panel kit, or individual components
- Handles to be ordered separately
- Top track stock length 4m with a clear anodised finish as standard
- All glass is to be monolithic and fully toughened in accordance with AS 2208

DLT-52



AVAILABLE FINISHES

- Satin stainless steel

*Specify glass thickness
when ordering*

TECHNICAL DETAILS

- Available either as a 4 or 5 panel kit, or individual components
- Handles to be ordered separately
- Top track stock length 4m with a clear anodised finish as standard
- All glass is to be monolithic and fully toughened in accordance with AS 2208

DLT-54



AVAILABLE FINISHES

- Satin stainless steel

*Specify glass thickness
when ordering*

TECHNICAL DETAILS

- Available either as a 4 or 5 panel kit, or individual components
- Handles to be ordered separately
- Top track stock length 4m with a clear anodised finish as standard
- All glass is to be monolithic and fully toughened in accordance with AS 2208

AK-100



AVAILABLE FINISHES

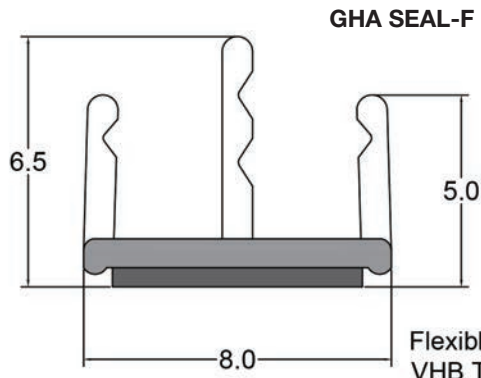
- Satin stainless steel

*Specify glass thickness
when ordering*

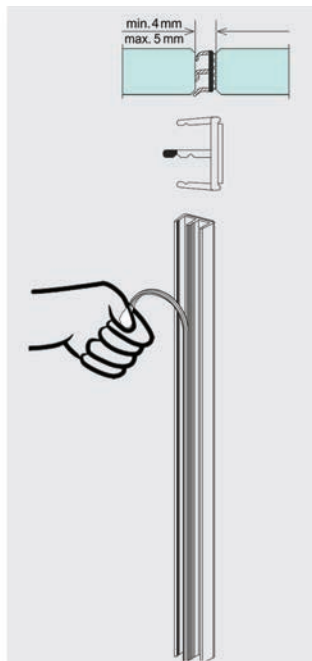
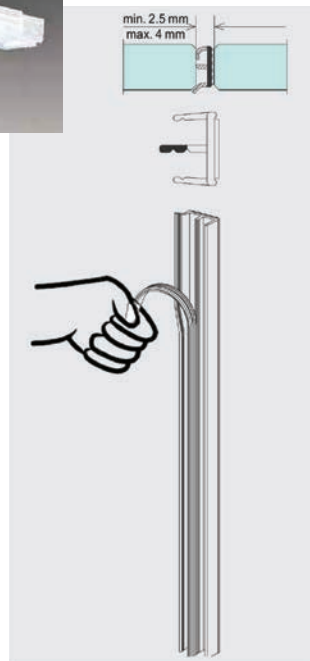
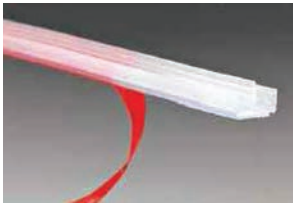
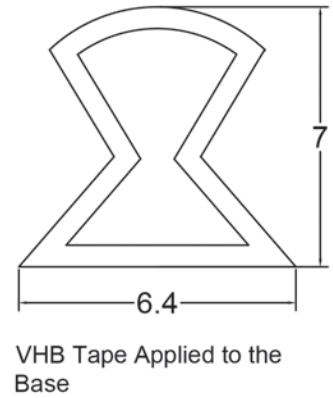
TECHNICAL DETAILS

- Available either as a 4 or 5 panel kit, or individual components
- Handles to be ordered separately
- Top track stock length 4m with a clear anodised finish as standard
- All glass is to be monolithic and fully toughened in accordance with AS 2208

GHA Pivot Seals – GHA Seal-F & GHA Seal-B



GHA SEAL-B



Door Seals – 12mm Touchened

WS-12-06



WS-12-07



WS-12-11



HSW Easysafe



HSW Easysafe The right stacking arrangement for any situation

Perfect parking every time

Existing structures or unusual layouts often require special solutions, particularly in the design of the stacking area. dormakaba HSW systems can be parked in a range of different positions. The stack of panels can be aligned parallel or square to the frontage, be readily visible for effect or hidden behind columns etc.

Another possibility is that of parking the system in line but out of the way, whether behind a wall or in a niche.

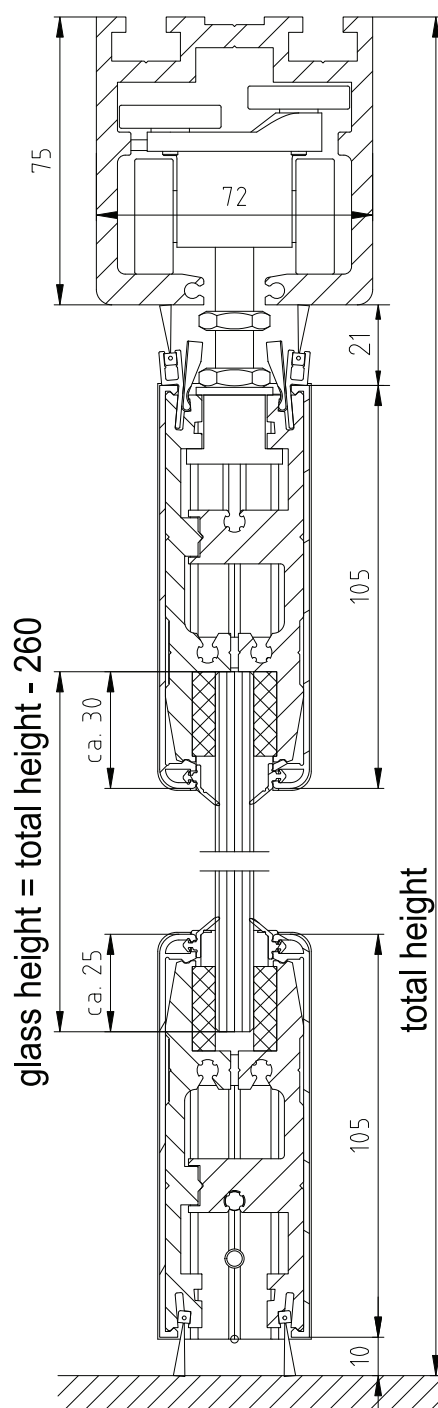
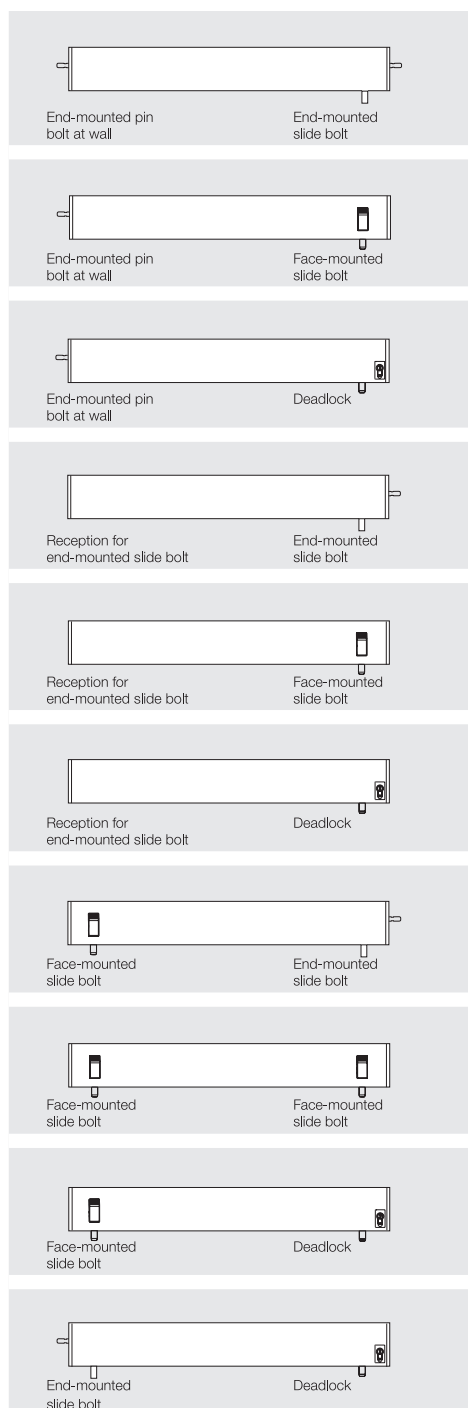
The panels can also perform certain functions when the frontage is open, such as providing the sides of internal store windows and showcases, or, if provided with the appropriate printing on the glass, for adding artistic value to a wall. The following pages show some system solutions devised in answer to a wide range of different problems.



HSW Easysafe Door rails and general details

Bottom locking devices.

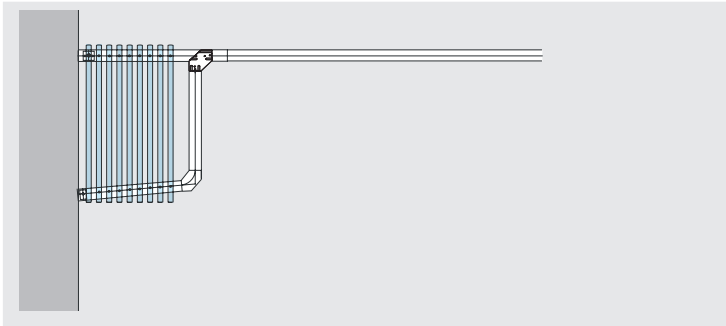
All depicted combinations are also available as mirror arrangements.



HSW Easysafe Panels transverse to travel direction

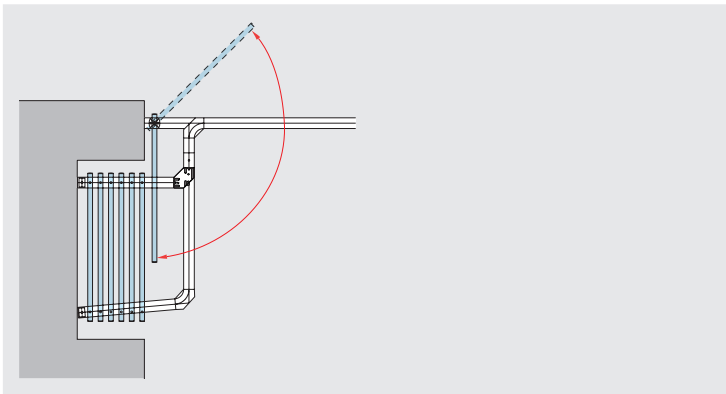
Panels stacked 90° angle transverse to travel direction

PRODUCT DESCRIPTION



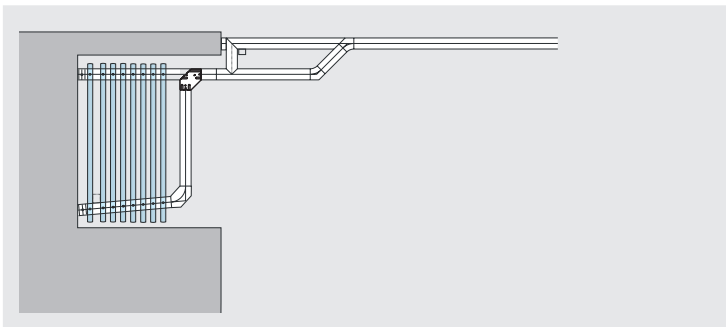
Standard stacking arrangement.

With pivoting end panel, single or double-action, to use as possible access leaf (left or right, or left and right).



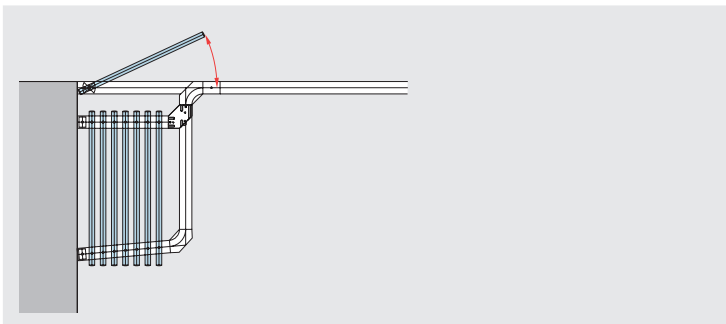
Niche stacking.

With pivoting end panel, single or double-action, to use as possible access leaf (left or right, or left and right).



Stacking with reshuffle bypass.

(Without pivoting end panel). Behind wall projection/fixed side panel (left or right, or left and right).



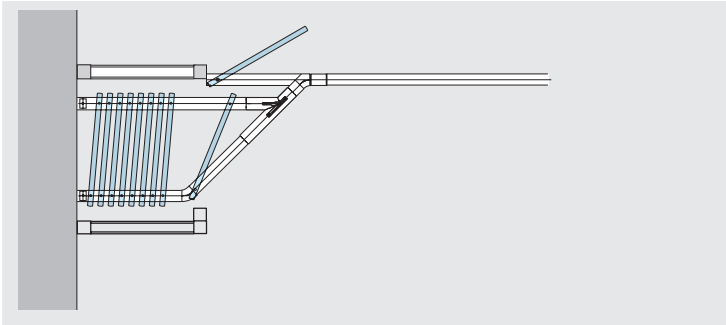
Stacking behind pivoting end panel.

Single-action or double-action (left or right, or left and right).

HSW Easysafe Panels transverse to travel direction

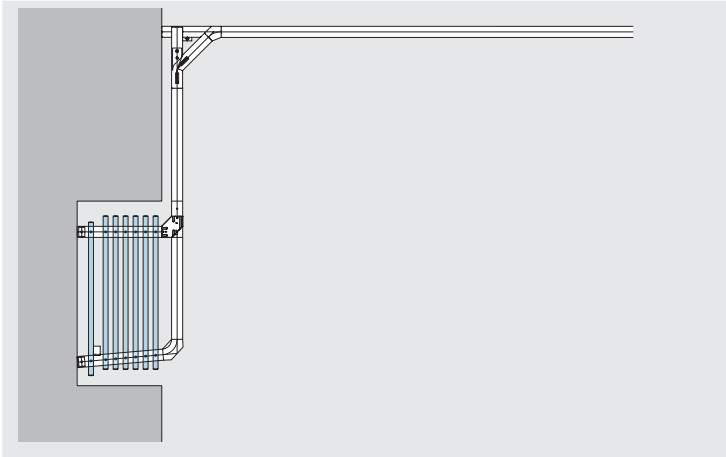
Panels stacked 90° angle transverse to travel direction

PRODUCT DESCRIPTION



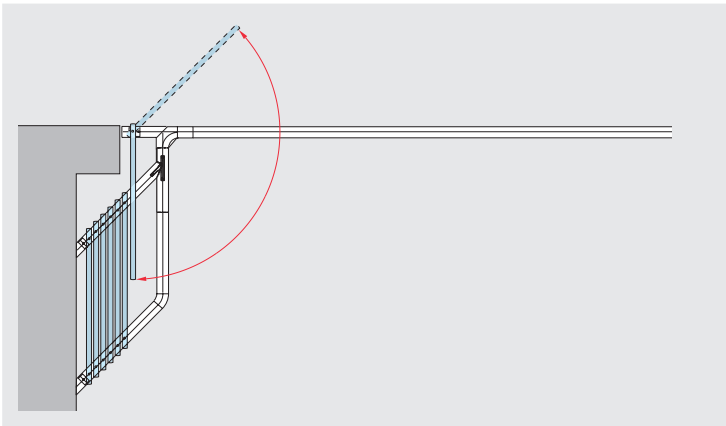
Stacking in a box or niche, behind pivoting end panel.

Double-action
Sliding panels only, around
135° offset
(left or right, or left and right)



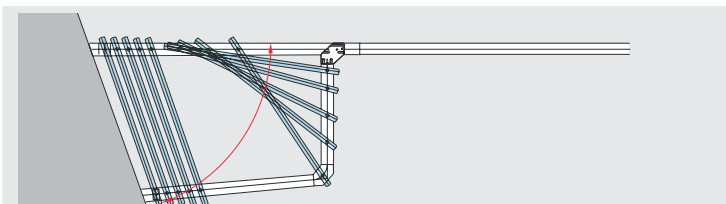
Stacking in a box/pocket.

For sliding panels or double-action
sliding panels (left or right, or left
and right).



**Stacking behind column.
Stacking legs at 135° angle.**

With pivoting end panel, double-action,
to use as possible access leaf
(left or right, or left and right) or left
and right).

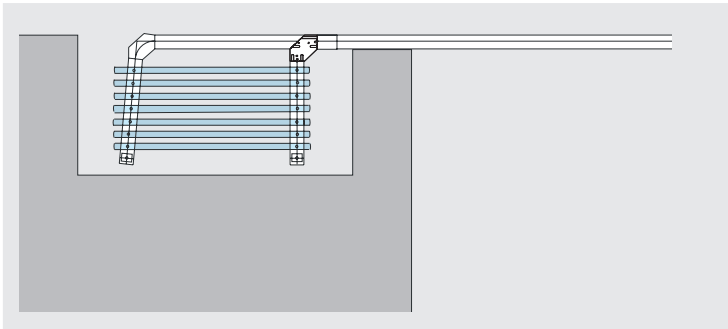


Stacking at acute angle.

All panels brought into position with rear
track roller.

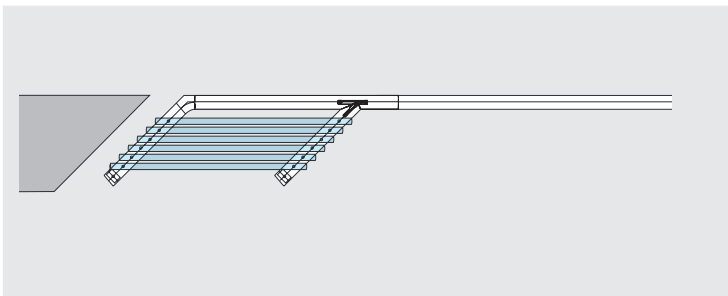
HSW Easysafe Panels parallel to travel direction

PRODUCT DESCRIPTION



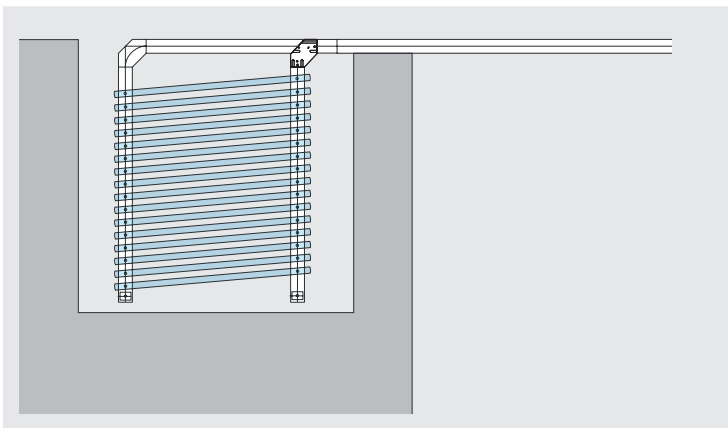
Stacking in a niche, outer stacking leg at 95° angle.

For small number of panels (up to 6)
(left or right, or left and right).



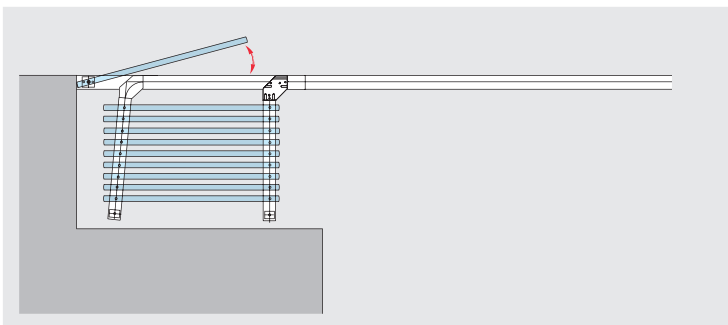
Stacking legs at 135° angle.

(Left or right, or left and right).



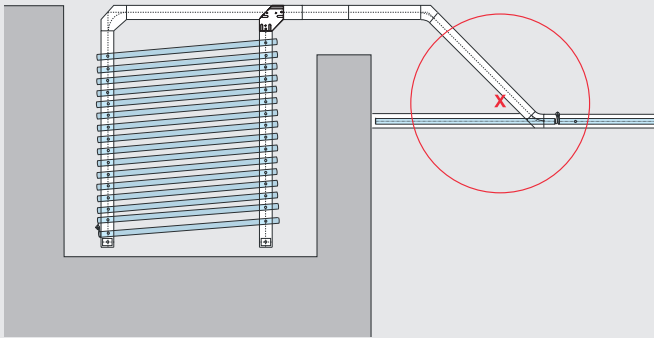
Stacking legs at 90° angle.

For large number of panels (more than 6)
(left or right, or left and right).

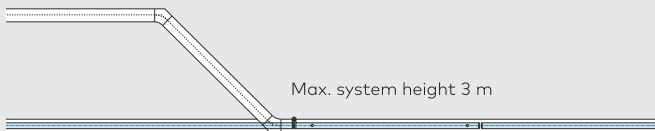


Stacking behind pivoting end panel.

Outer stacking leg at 95°
(left or right, or left and right).

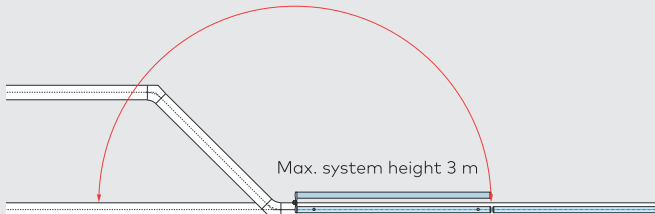
HSW Easysafe Panels parallel to travel direction
PRODUCT DESCRIPTION


Detail X
Sliding folding panel in closed wall.

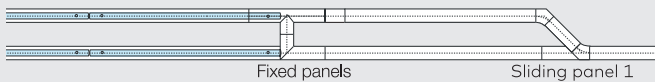


Max. system height 3 m

Sliding folding panel ready for sliding into stacking area.



Max. system height 3 m



Fixed panels

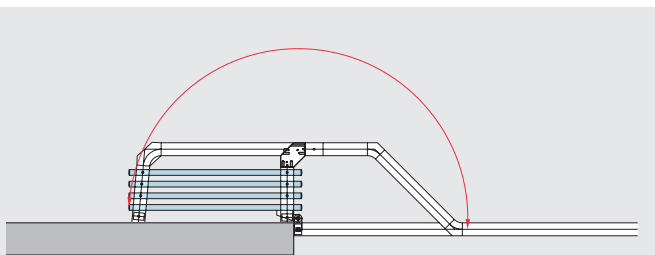
Sliding panel 1

Stacking offset in niche.

With sliding folding panel as all connection stacking legs at 90° (left or right, or left and right).

Stacking behind fixed panels.

(Left or right, or left and right).


Stacking offset, beyond offset hung pivoting end panel, single or double-action.

(Left or right, or left and right).

HSW Easysafe Simple locking with hand or foot

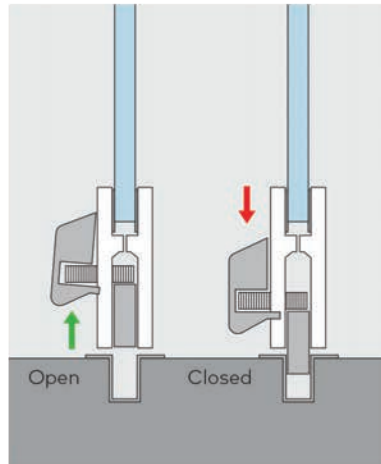
Multilock – Three locking possibilities in one component

The new Multilock system opens up a new world of simplicity

The Multilock combines three locking possibilities in one compact element and can be installed effortlessly in the bottom door rail.



Easy foot-operated opening and closing



Simplicity with clear benefits:

The 3-in-1 Multilock can be offered in three options for secure locking: side locking device, front locking device or cylinder lock.

- Maximum convenience with foot-operated locking options for the face-mounted floor bolt – simple and hassle-free.

HSW Easysafe Technical Details and Applications

Technical Details

Max. system height: 4000mm

Max. panel width: 1250mm

Max. panel weight: 150kg

Seamlessly accepts glass thickness ranging from 10 to 19mm

Applications

For use in:

Shops and shopping centres

Stadiums

Airports

Train stations

Hotels

Banks and insurance companies

Private living rooms

FSW EASY Safe Bifold Types and functions

FSW toughened glass folding walls featuring door rails top and bottom and a roller carrier at the end of each second panel.

FSW folding sliding walls are suitable for linear configurations. With an FSW EASY Safe assembly, you can have either two or four panels (a basic panel and 1 or 3 folding panels) linked together. Where two counter-running (bi-parting) assemblies are installed, it is possible to create frontages with up to eight FSW panels. As the panels are visually compatible with the HSW EASY Safe pivoting/sliding panels, and both systems use the same track design, shop/store frontages or similar transparent partition system can be made up of these two different types, with the FSW assembly at the free end or supplemented by a single or double-action HSW end panel (types 4+5). FSW systems can be designed for either opening direction.

01

Track rail

02

Upper locking bolt

03

Roller carrier

04

Face mounted slide bolt

05

Upper pivot bearing of the basic panel

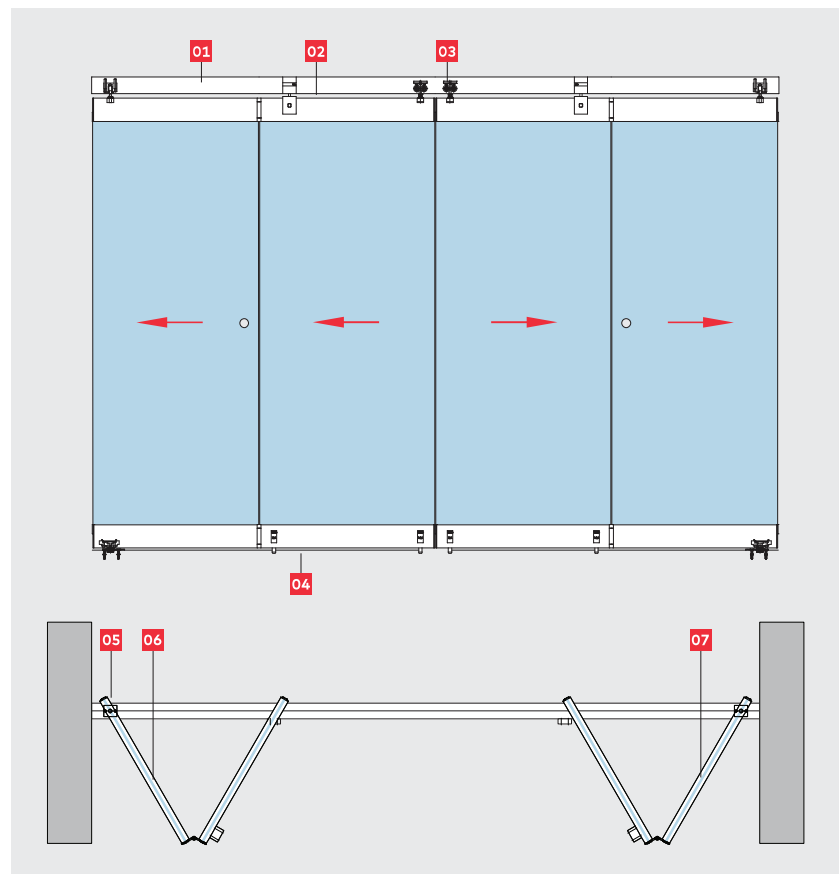
06

Basic panel

07

Folding panel

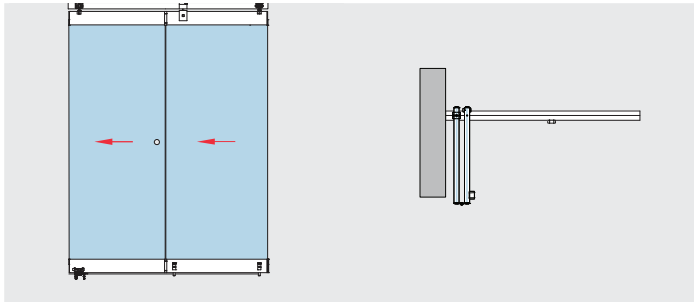
Example: Design with 2 x 2 panels (type 1c), bi-parting



Max. panel sizes and weights	Basic panel with top pivot and floor pivot	Folding panel with roller carrier and lock bolts top and bottom	Folding panel with roller carrier and lock bolts top and bottom	Basic panel with roller carrier and lock bolts top and bottom
Max. assembly height	3000mm	3000mm	3000mm	3000mm
Max. panel width	1100mm	1100mm	1100mm	1100mm
Max. panel weight	80kg	80kg	80kg	80kg

FSW EASY Safe Bifold Layout Variants

TYPE 1



Classification

Product Description

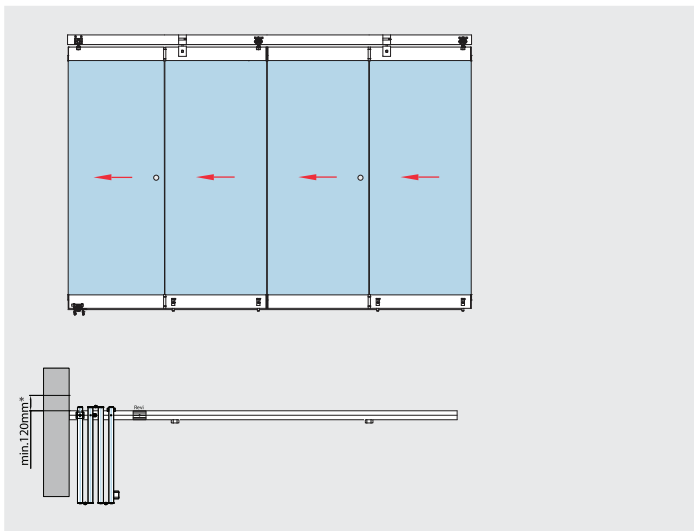
- 1a 2 panels left, as illustrated
- 1b 2 panels right, invers
- 1c 4 panels (2 panels left and 2 panels right), bi-parting

Article No.

Description

9409000000213 FSW ES BASIC 2 PANEL SET

TYPE 2



Classification

Product Description

- 2a 4 panels left, as illustrated
- 2b 4 panels right, inves
- 2c 8 panels (4 panels left and 4 panels right), bi-parting

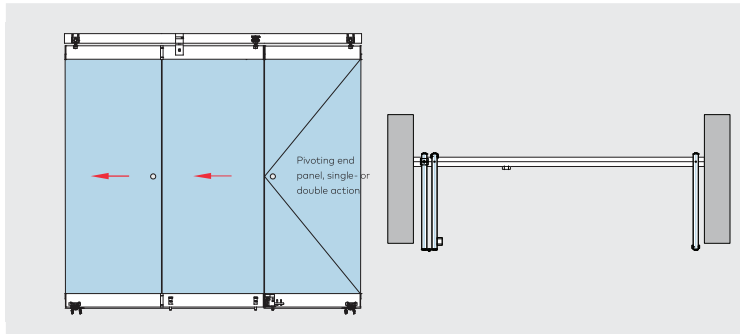
Article No.

Description

9409000000214 FSW ES BASIC 4 PANEL SET

FSW EASY Safe Bifold Layout Variants

TYPE 3

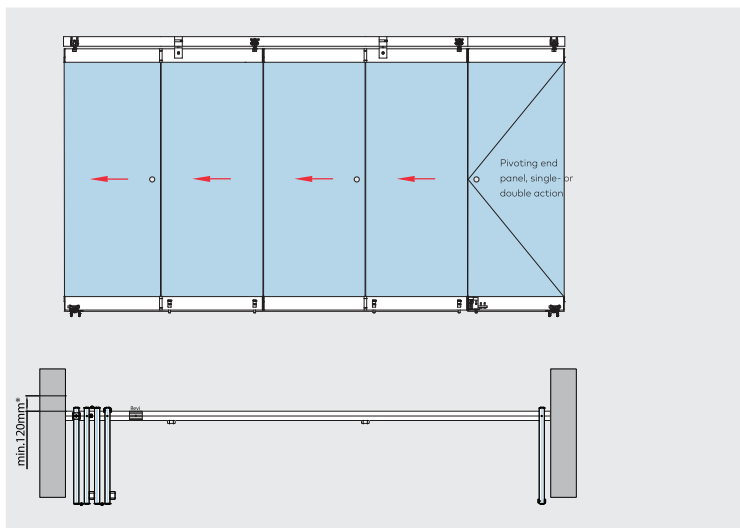


Classification

Product Description

- 3a 2 panels left and 1 pivoting end panel, single or double action, right (as illustrated)
- 3b 2 panels right and 1 single action or double action end panel left (invers)

TYPE 4



Classification

Product Description

- 4a 4 panels left and 1 pivoting end panel, single or double action, right (as illustrated)
- 4b 4 panels right and 1 pivoting end panel, single or double action left (invers)

*Minimum structural clearance (e.g. balustrade, railings etc)

FSW EASY Safe C Types and functions

Toughened glass folding partitions with door rails top and bottom roller carrier at panel centre.

The FSW EASY Safe C is adaptable to large spans. An assembly comprises a basic panel, up to 6 folding centre panels and a folding pivoting panel which, when the system is closed, can be used for access (alternatively, a non-attached single or double action end panel can be used). The number of panels therefore ranges between 3 and 8. As the roller carriers are centrally arranged on the centre panels, the basic panel must be designed as a half-width unit (plus pivot offset at 65mm). The pivot access panel can be of either basic panel or centre panel width. The slightly offset hinges mean that the panels can be folded into particularly compact stacks with high stability also ensured. Available as standard for glass thicknesses of 10 or 12mm. Other glass thicknesses and models with laminated safety glass also available on request. Please indicate your requirements when ordering!

01

Pivot bearing top and bottom

02

Basic panel

03

Track rail

04

Roller carrier

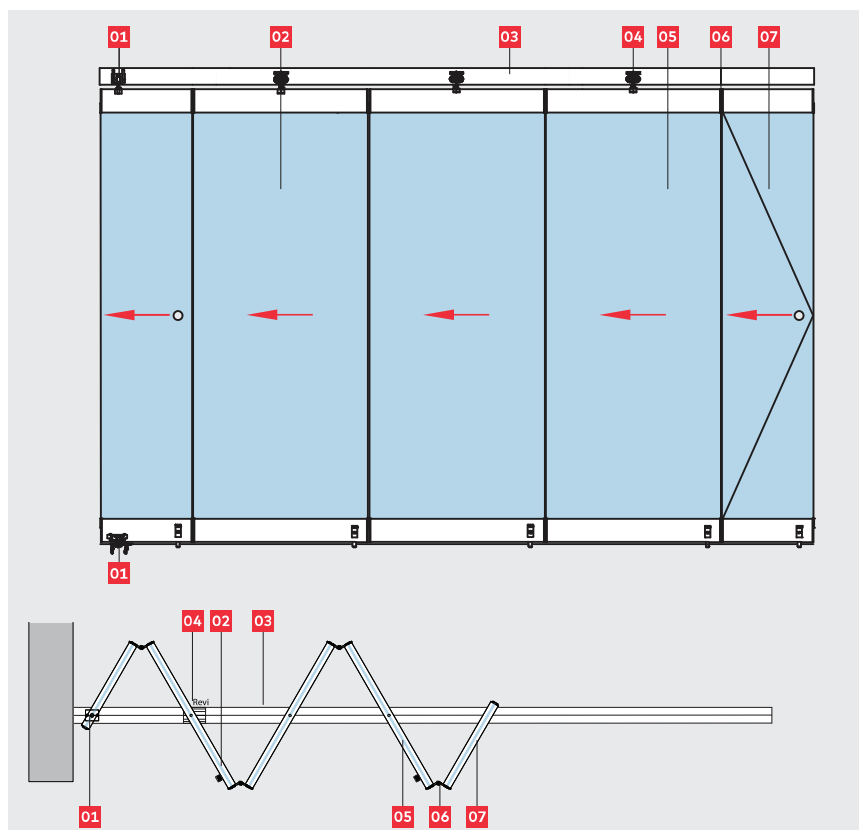
05 + 07

Flap panel unit

06

Folding hinge

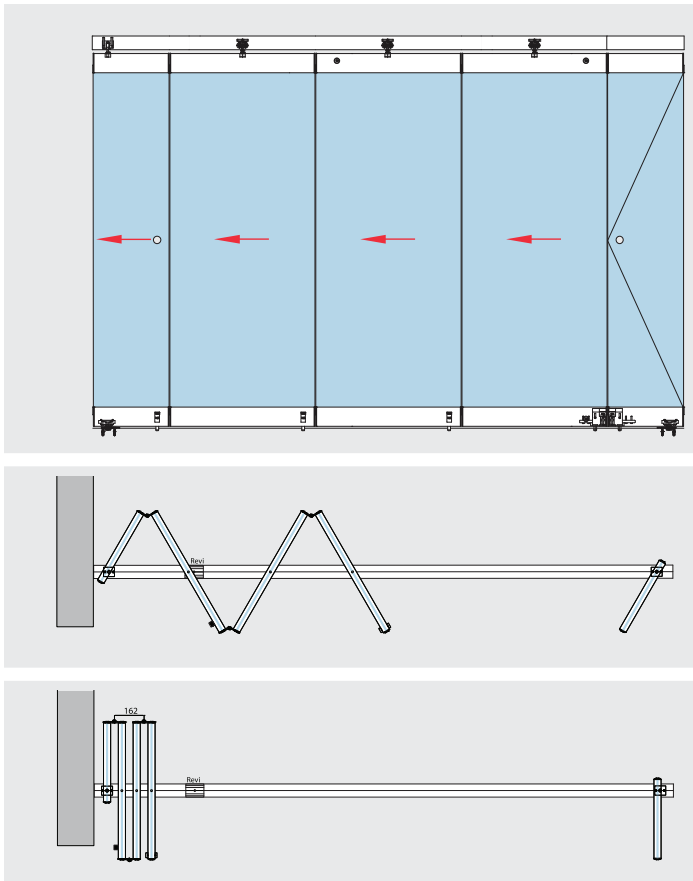
Example: Partition type C2 (symmetrical with narrow pivoting access panel)



Max. panel sizes and weights	Basic panel with top pivot and floor pivot	Centre panel with roller carrier and lock bolts top and bottom	Centre panel with roller carrier and lock bolts top and bottom	Flap panel unit
Max. assembly height	3000mm	3000mm	3000mm	3000mm
Max. panel width	1/2 panel width + 65mm	1100mm	1100mm	1100mm
Max. panel weight	80kg	80kg	80kg	80kg

FSW EASY Safe C Layout Variants

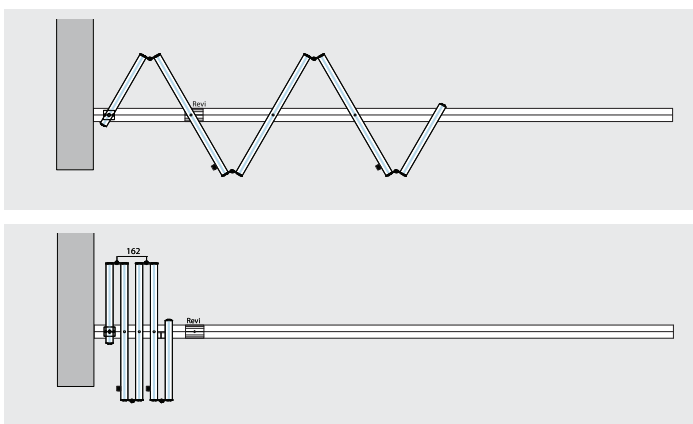
TYPE C1



Product Description

- 1 pivoting end panel, single-action, as access (here in narrow design for reasons of symmetry)
- 1-6 centre panels
- 1 basic panel (narrow)

TYPE C2

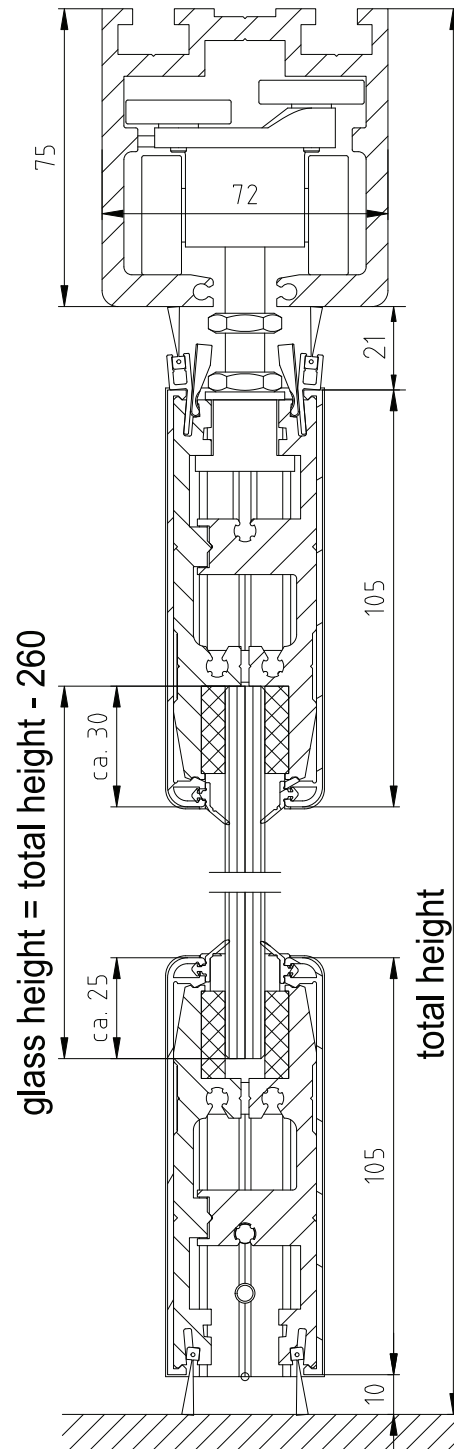


Product Description

- 1 pivoting access panel (here in narrow design for reasons of symmetry)
- 1-6 centre panels
- 1 basic panel (narrow)

FSW EASY Safe C Section Details

Section sliding panel without substructure



FSW EASY Safe C Safety-related Information

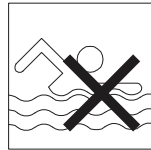
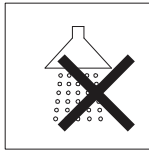
Important safety-related information for the mounting and use of dormakaba glass fittings.

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

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

General information

1. dormakaba recommends the use of TSG-H (heat-stored tempered safety glass) according to DIN EN 12150-1.
2. dormakaba glass fittings are not suitable for outdoor installation.
3. dormakaba glass fittings are not suitable for rooms where chemicals (e.g. chlorine) are used, e.g. swimming pools, saunas and brine baths.



4. Sliding panels must not be moved faster than at walking speed and must be stopped by hand before reaching the end position will be.
5. Pivoting panels must not be thrown too hard. If there is a risk of over-turning, this must be prevented by a door stop.

Mounting

1. Only properly qualified and specially trained staff is authorised to mount dormakaba glass fittings.
2. Never use glass with conchoidal fractures and/or damaged edges.
3. Protective clothing (especially gloves and protective goggles) is required during installation.

4. Clean clamping area with fat solvent (standard commercial cleaning agent) before mounting the glass fitting.
5. Never use clamping shoes on structured glass surfaces (except on satinised glass) or glass of heavily varying thickness unless with a corresponding levelling layer.
6. Never use clamping shoes on self-cleaning coatings.
7. When adjusting glass elements, always stick to the required clearance for the respective fitting. Adjust clearance so that the glass does not touch hard components such as glass, metal or concrete.
8. Make sure not to use excessive force when installing the glass (avoid local stress resulting from very tight screws).

Maintenance

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

General care instructions

The surface finishes of the fittings are not maintenance-free and should be cleaned according to their material and design.

- For metallic surface (anodised finishes, stainless steel) please use appropriate cleaning agents without abrasive additives only.
- For varnished surfaces please use appropriate solvent-free cleaning agents only.
- Brass surfaces (without surface protection) have to be treated with an appropriate maintenance agent on occasion, to avoid tarnishing.

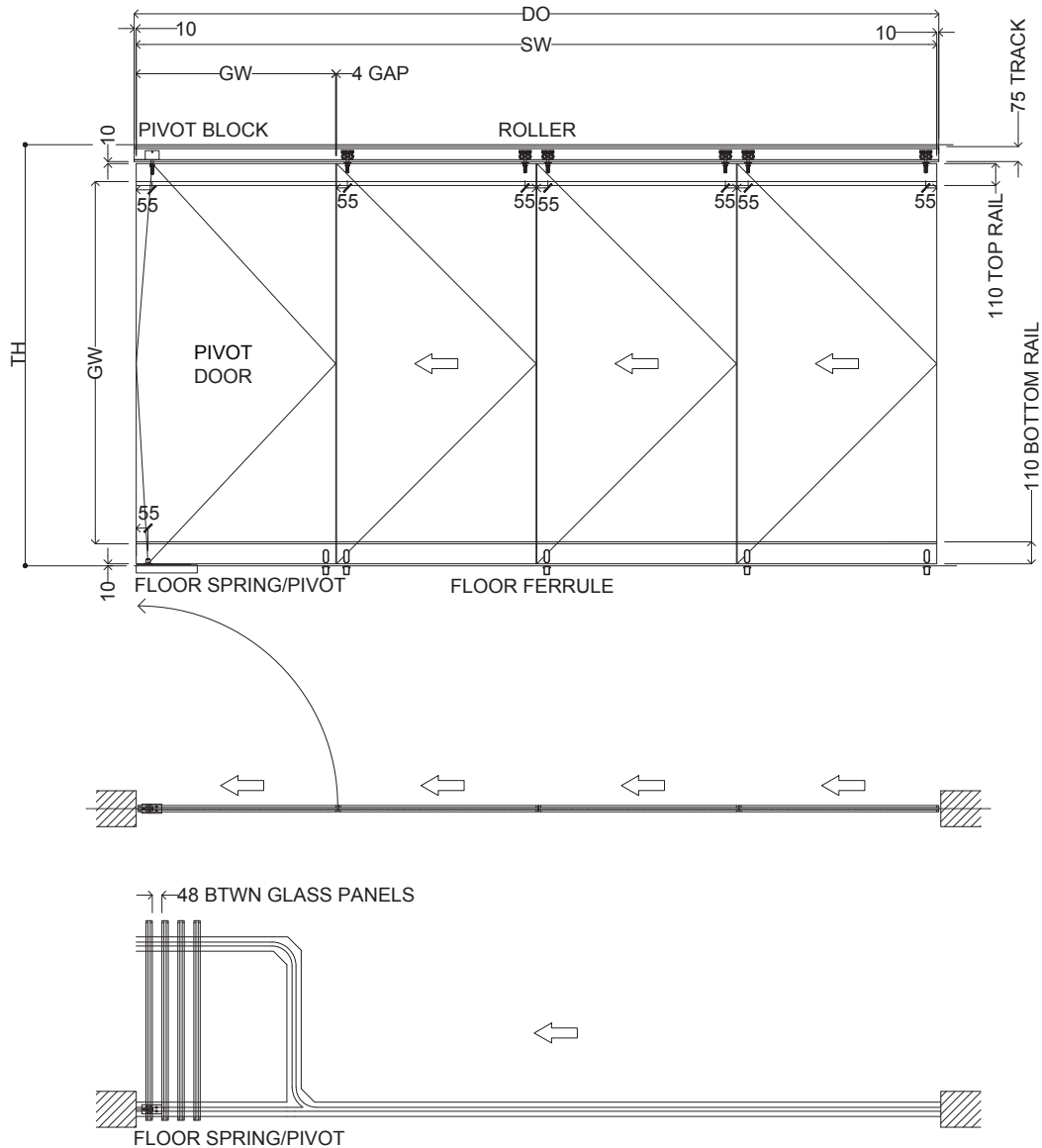
Note: The printed colours indicating the surface finishes are not 100% true, but do provide a useful guide. Statements made with regard to the nature or use of the products are for the purposes of descriptions. Assent with regard to the existence of particular properties or particular uses always requires special written agreement. Pictures may show special designs which are different to the standard scope of delivery.

Subject to change without notice.

8900B Stacking Door System

**DOORS MOVE SEPERATLY
GLIDE SMOOTHLY**

8900B Stacking Door System

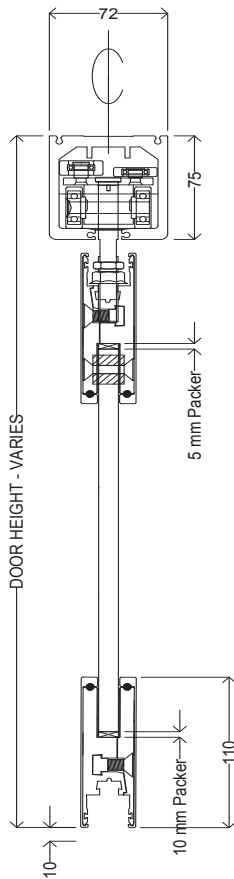
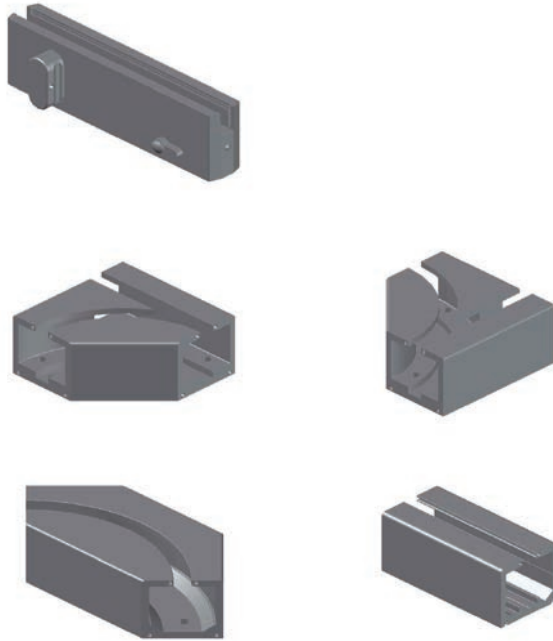


TECHNICAL DETAILS

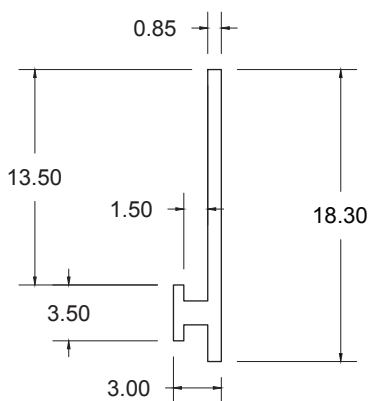
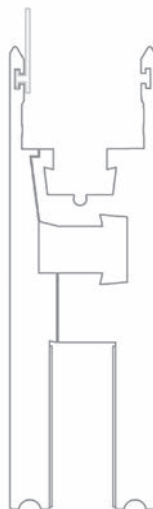
- For installation of 10 - 15 mm glass thickness
- Max. weight of door panels 100 kg
- Calculation of glass height
 $GH = TH - 240$
 max. 3000 mm
- Calculation of glass width
 $SW = DO - 20$
 $GW = [SW - 4 * (ND - 1)] * ND$
 max. 1100 mm

TH = Total height FFL to Top of Track (site measure)
 GH = Glass height
 DO = Daylight opening
 SW = Overall system width
 ND = Number of doors
 GW = Glass width
 t = Glass thickness

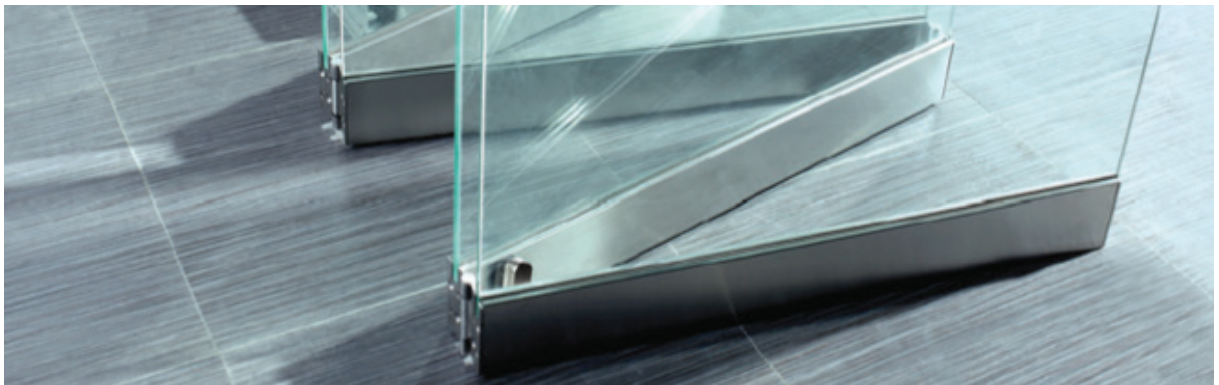
8900B Components


FIXING
COMPONENTS


GHA Stacking & Bifold Top Seal

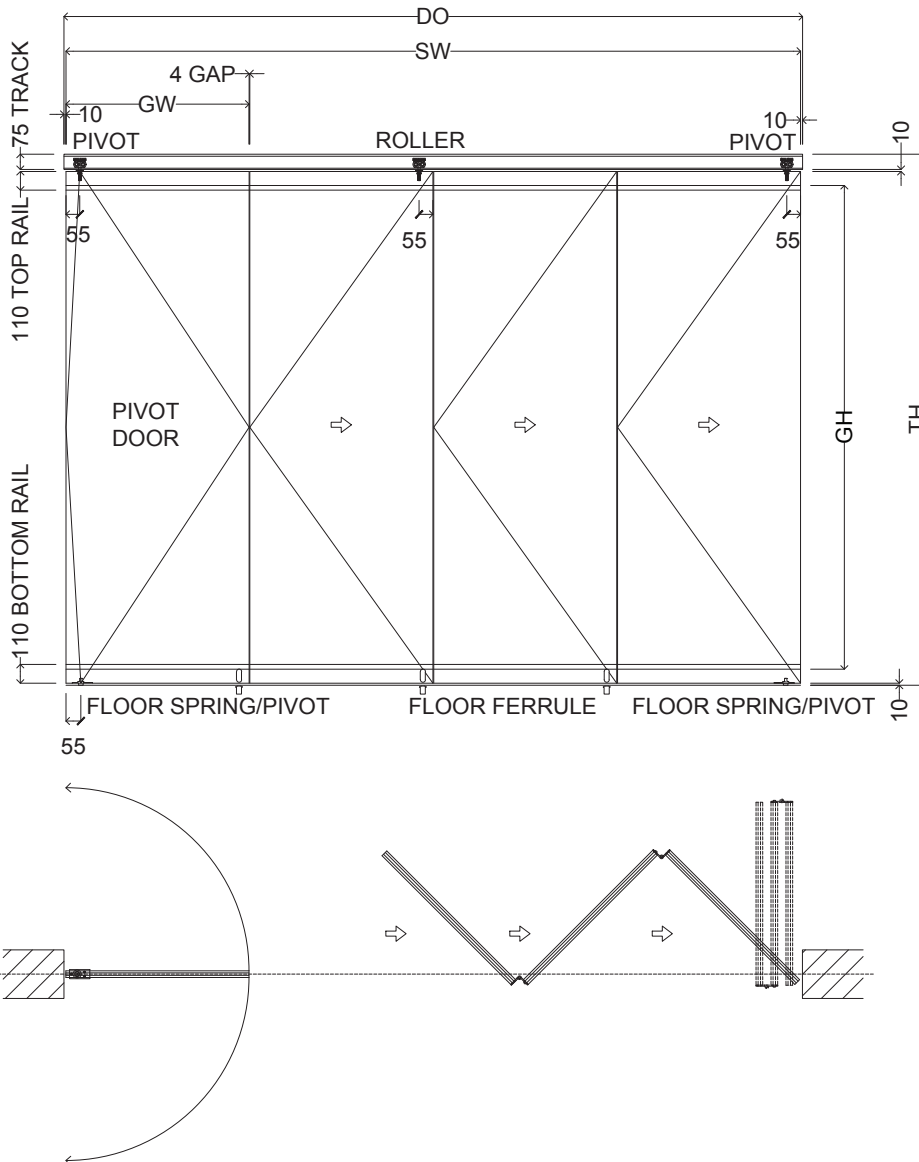

INSTALLATION


8900W Bifold Door System



USE OPENING DOORS
AND BIFOLDING
TOGETHER CAN COMBINE
AND BIFOLD BOTH LEFT
AND RIGHT OPENING

8900W Bifold Door System



TECHNICAL DETAILS

- For installation of 10 - 15 mm glass thickness
- Max. weight of door panels 100 kg
- Calculation of glass height
 $GH = TH - 235$
 max. 3000 mm
- Calculation of glass width
 $SW = DO - 20$
 $GW = [SW - 4 * (ND - 1)] * ND$
 max. 1100 mm

TH = Total height FFL to Top of Track (site measure)
 GH = Glass height
 DO = Daylight opening
 SW = Overall system width
 ND = Number of doors
 GW = Glass width
 t = Glass thickness

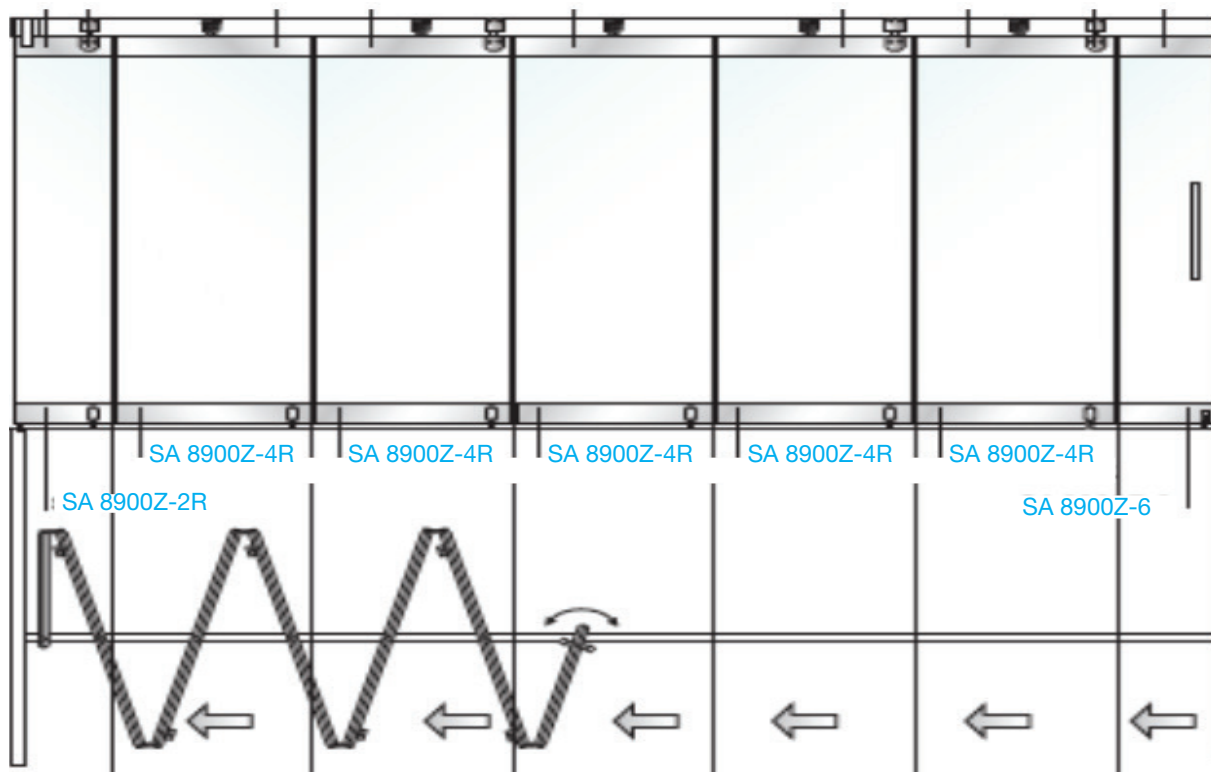
8900Z Using 1/2 Panels to Have Complete Opening



Simple and Easy

Folding glass partition panels are of streamlined design without any obstruction therein; in addition, the glass curtain walls are more transparent; both upper and lower door strips are connected into integrity, to ensure stability and smoothness; easy operation ensures only one person completes the whole partitioning process, satisfactory for the partitioning of various spaces and shops.

8900Z Bifold Door System



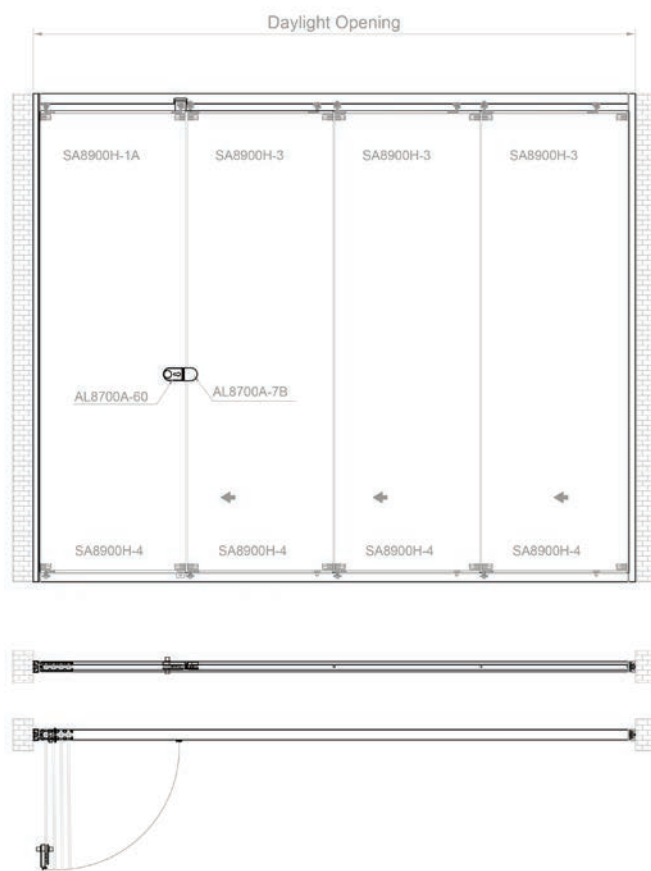
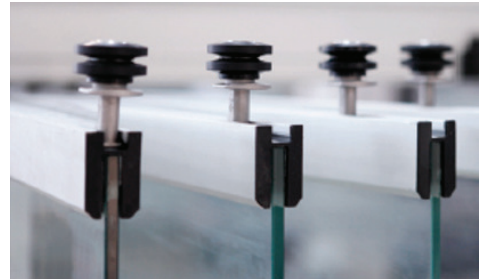
The beginning folding door leaf is equipped with upper and lower fixed door leaves and bottom lock	Folding door leaf, folding door hanging pulley and bottom bolt	Folding door leaf, folding door hanging pulley and bottom bolt	Folding door leaf, folding door hanging pulley and bottom bolt	Folding door leaf, folding door hanging pulley and bottom bolt	Folding door leaf, folding door hanging pulley and bottom bolt	End folding door leaf equipped with upper and lower locks
--	--	--	--	--	--	---

3000mm	3000mm	3000mm	3000mm	3000mm	3000mm	3000mm
	1000mm	1000mm	1000mm	1000mm	1000mm	
	90kg	90kg	90kg	90kg	90kg	

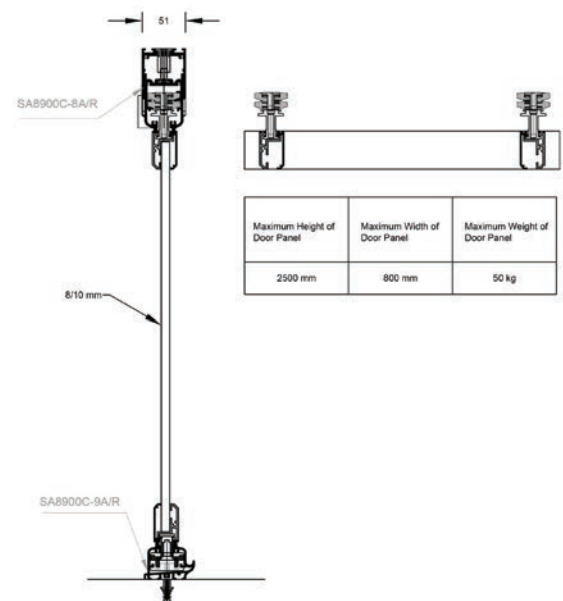


**ALSO AVAILABLE USING PATCH
FITTINGS - 8900A**

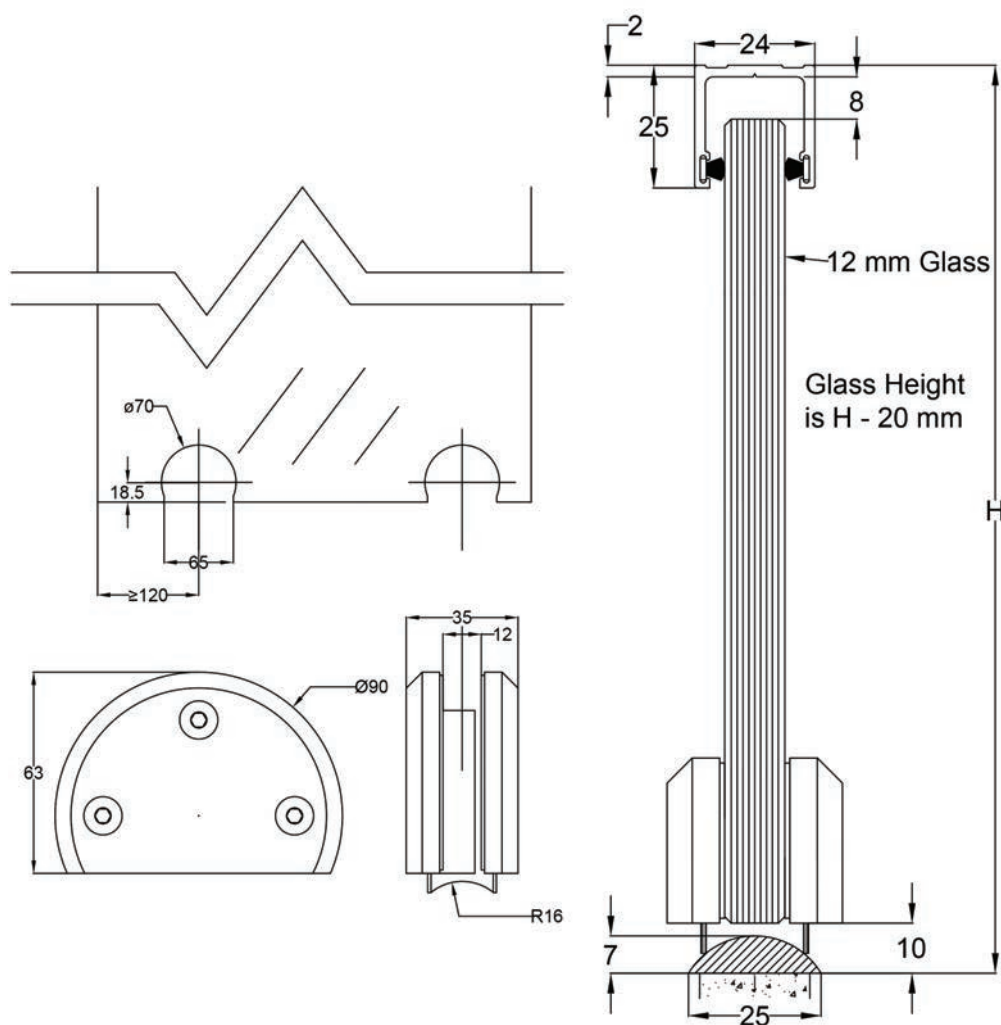
GHA8900H Stacking Door System



Natural anodise finish
No stacking bay required
Ideal for balconies or internal use
All seals supplied
Smooth easy operable doors



8300H Bottom Sliding Door System



40 Series Sliding Door



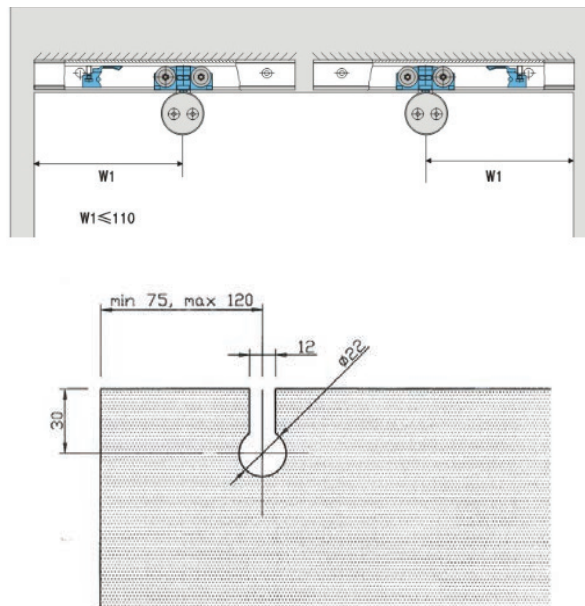
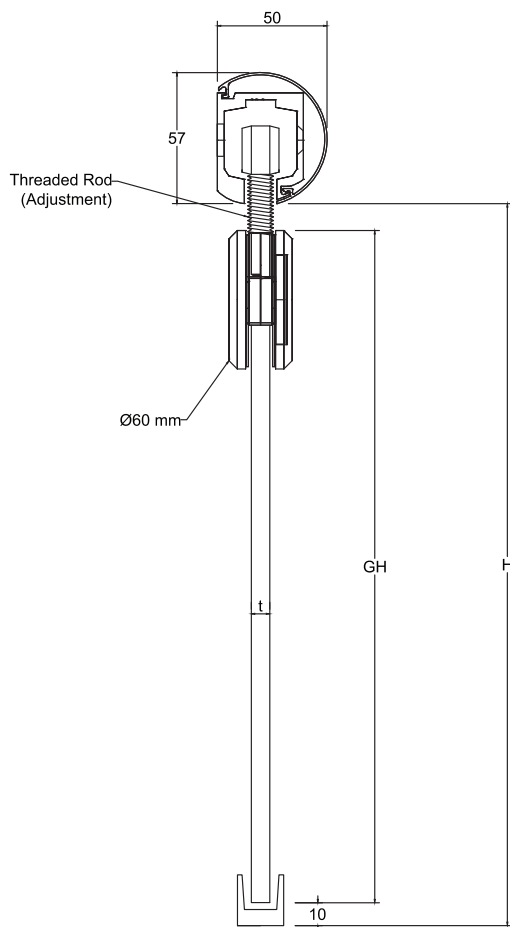
The 40 series range of sliding doors provides a comprehensive range of aluminium overhead tracks and roller types to suit most sliding doors including glass, wood and aluminium.

40-4 Sliding Track



The 40-4 track is designed for surface mounting to a wall and features a curved snap on cover to conceal the mounting screw holes.

A small selection of roller types, locks and handles is shown here. For further options and information please contact the sales team.

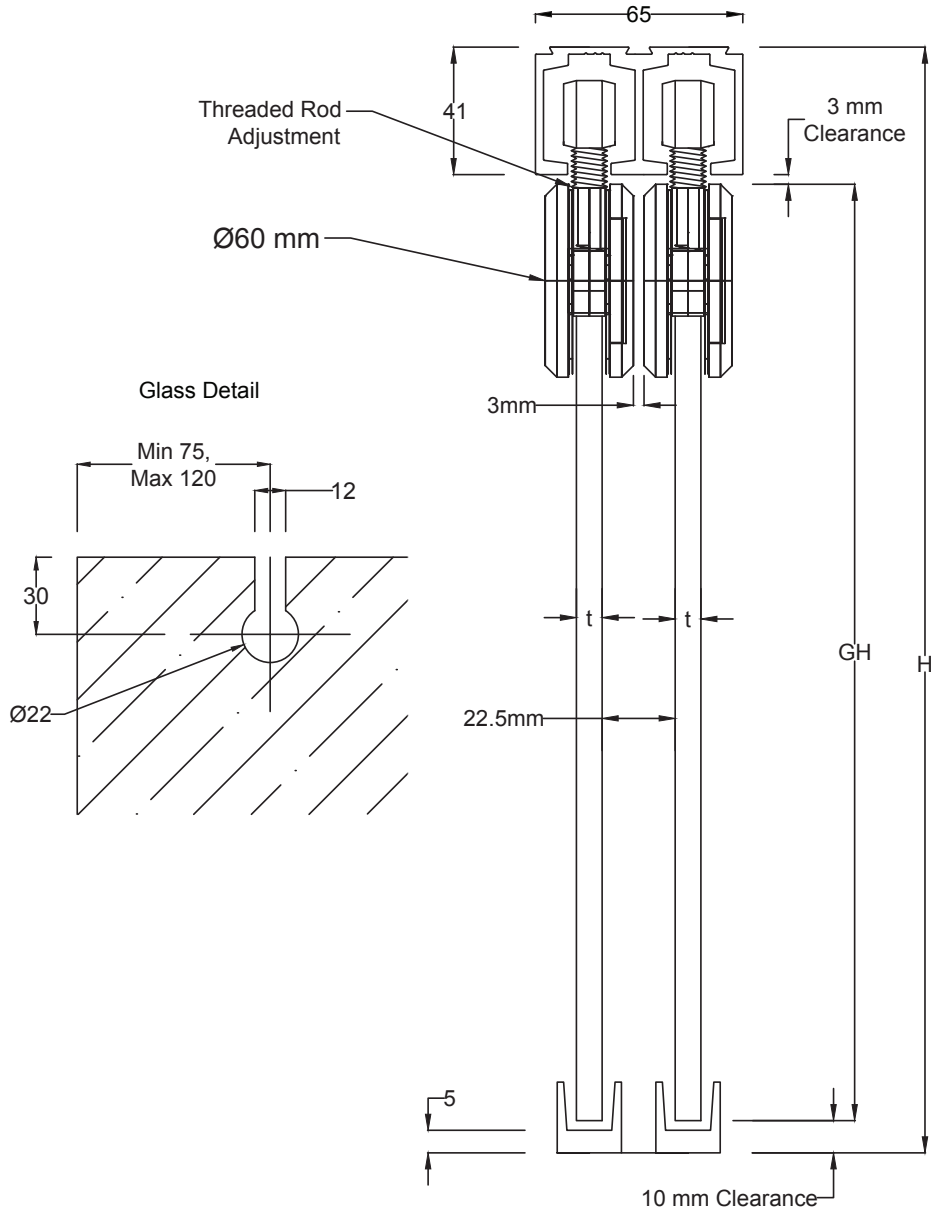


TECHNICAL DETAILS

- For installation with one or two panels fixed at ceiling;
- for 10 - 12 mm glass thickness
- Max. weight of door panels 90 kg
- Calculation of glass height
 $GH = H - 55$
 max. 3000 mm

GH = Glass height
 H = Total height
 t = Glass thickness

GHA DT-102 Ceiling Fix Double Sliding Track

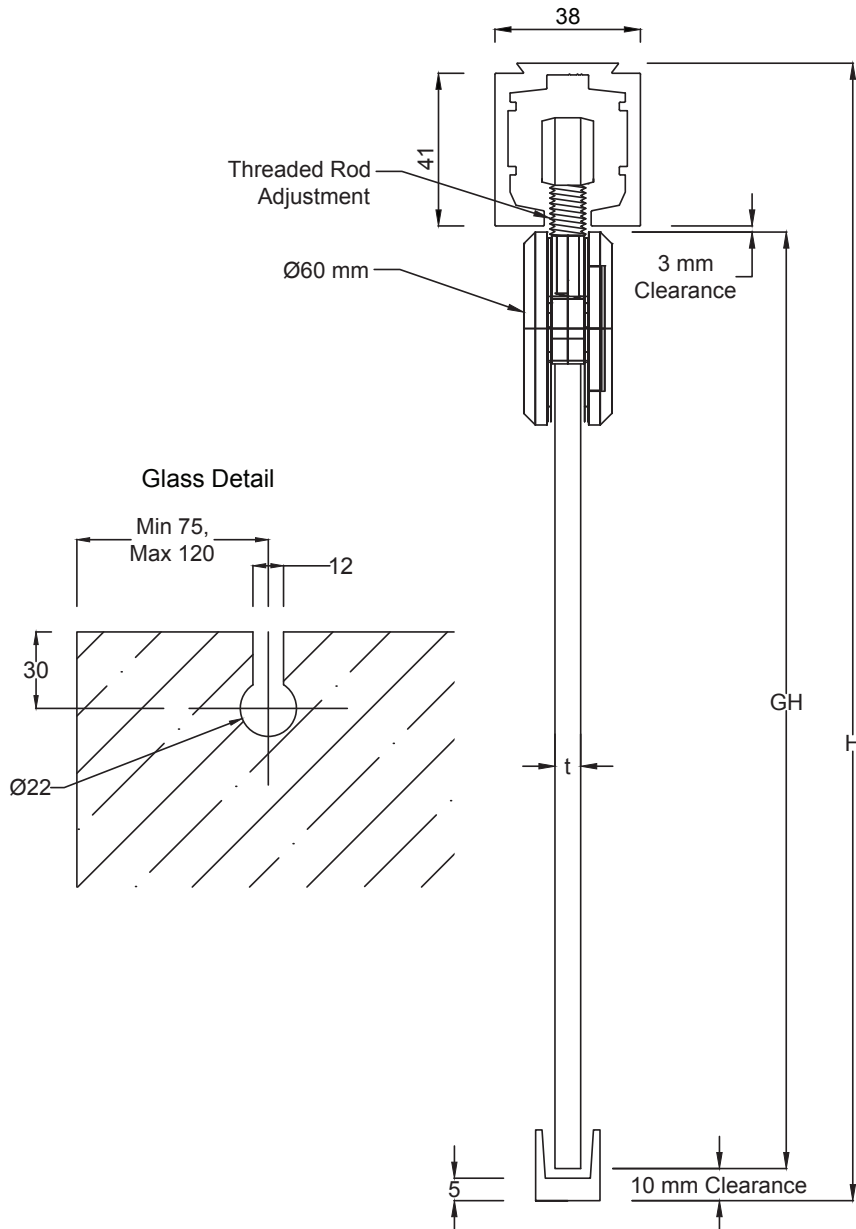


TECHNICAL DETAILS

- For installation with one or two panels fixed at ceiling; for 10 - 12 mm glass thickness
- Max. weight of door panels 90 kg
- Calculation of glass height
 $GH = H - 55$
 max. 3000 mm

GH = Glass height
 H = Total height
 t = Glass thickness

GHA DT-101 Ceiling Fix Single Sliding Track













TECHNICAL DETAILS





- For installation with one or two panels fixed at ceiling; for 10 - 12 mm glass thickness
- Max. weight of door panels 90 kg
- Calculation of glass height
 $GH = H - 55$
 max. 3000 mm

GH = Glass height
 H = Total height
 t = Glass thickness





Fittings

CODE		NOTES	GLASS CLEARANCES				DETAILS
			DT-101, 102, 103 Top of glass to u/s track		DT-104 Top of glass to u/s track		
			NOMINAL GAP	MAX/MIN GAP	NOMINAL GAP	MAX/MIN GAP	
SA-102		End cap for DT-101					
SA-103		Internal stop for all tracks					
SA-104R		End cap for DT-104					
SA-104L		End cap for DT-104					
SA-105		Bracket for mounting track DT-101, 102, 103 to wall					
SA-106-CH		Countersunk bracket for mounting all tracks to fixed glass panel					
SA-106-RH		Round head bracket for mounting all tracks to fixed glass panel					
SA-114		Internal 90 degree connection bracket for all tracks					
SA-115		Internal bracket to mount track to wall					
SG-01		Floor guide adjustable for 8, 10, 12, 15mm thick glass	10mm	Min 6.5mm Max 16mm	10mm	Min 6.5mm Max 16mm	22mm High 31mm Wide 44mm Long



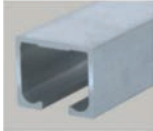

Tracks

CODE		NOTES	DETAILS
DT-101		Over head mounted	41mm High 38mm Wide
DT-102		Over head mounted double track	41mm high 65mm wide Roller centrelines 31mm
DT-103		Over head mounted side glazing pocket	41mm high 50mm wide Glazing pocket 13.9mm wide
DT-104		Wall mounted pre-drilled holes clip on cover	58mm high 48mm wide

Handles / Finger Pulls

CODE		NOTES	DETAILS
SH-16		Solid cast handle	73mm High 25mm Wide 33 proud from glass
SH-17		Solid cast handle	165mm High 24mm Wide 17 proud from glass
SH-19SQ		Cast square finger pull handle	50mm High 50mm Wide 12 proud from glass
SH-101		Cast finger pull handle	58mm Diameter 9 proud from glass









Series 220 Sliding Track System

CODE		DOOR WEIGHT
SW-222		300kg
SW-223		400kg
DT-221		Track Height 49.5mm Width 57.71mm
A01 Glazing Clamp		Patch Height 115mm Width 70mm

Sliding Door Locks

CODE	
LS-13	
LS-13k	
LS-14k	
LS-15k	

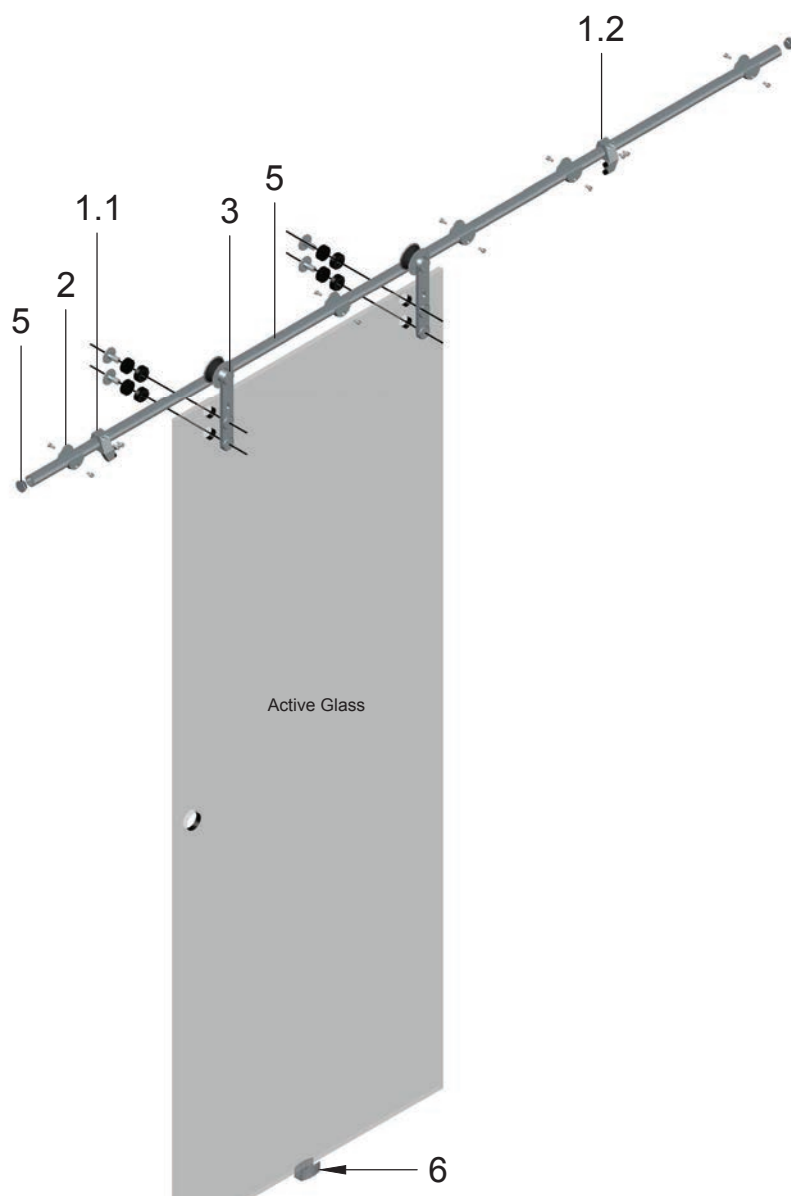
Sliding Door Locks (Cont'd)

CODE	
LS-20	
LS-21	
LS-56	
LS-56k	
LS-57	
LS-57k	
LS-58	
LS-58k	

Roller and clamping sets

CODE		NOTES	GLASS CLEARANCES				DETAILS
			DT-101, 102, 103 Top of glass to u/s track		DT-104 Top of glass to u/s track		
			NOMINAL GAP	MAX/MIN GAP	NOMINAL GAP	MAX/MIN GAP	
SR-100101-SS			5mm	Min 1mm Max 16mm <i>Can use longer threaded rod</i>	5mm	Min 1mm Max 10mm <i>Can use longer threaded rod</i>	90kg / Door Leaf (2 roller sets)
SR-101102			TBC	No adjustment	TBC	No adjustment	90kg / Door Leaf (2 roller sets)
SR-100103		Mounting of aluminium or timber doors / panels	17mm	Min 15mm Max 19mm <i>Can use longer threaded rod</i>	<i>Standard bolt not suited can use longer hex bolt</i>	<i>Standard bolt not suited can use longer hex bolt</i>	90kg / Door Leaf (2 roller sets)
SR-102104			5mm	Min 1mm Max 16mm <i>Can use longer threaded rod</i>	5mm	Min 1mm Max 10mm <i>Can use longer threaded rod</i>	90kg / Door Leaf (2 roller sets)
SR-102105			40mm	Min 34mm Max 53mm <i>Can use longer threaded rod</i>	40mm	Min 34mm Max 45mm <i>Can use longer threaded rod</i>	90kg / Door Leaf (2 roller sets)
SR-100114			27mm	Min 22mm Max 32mm <i>Can use longer threaded rod</i>	24mm	Min 24mm Max 24mm <i>Can use longer threaded rod</i>	90kg / Door Leaf (2 roller sets)

GHA-L10 Sliding Door Wall and Glass Mounts



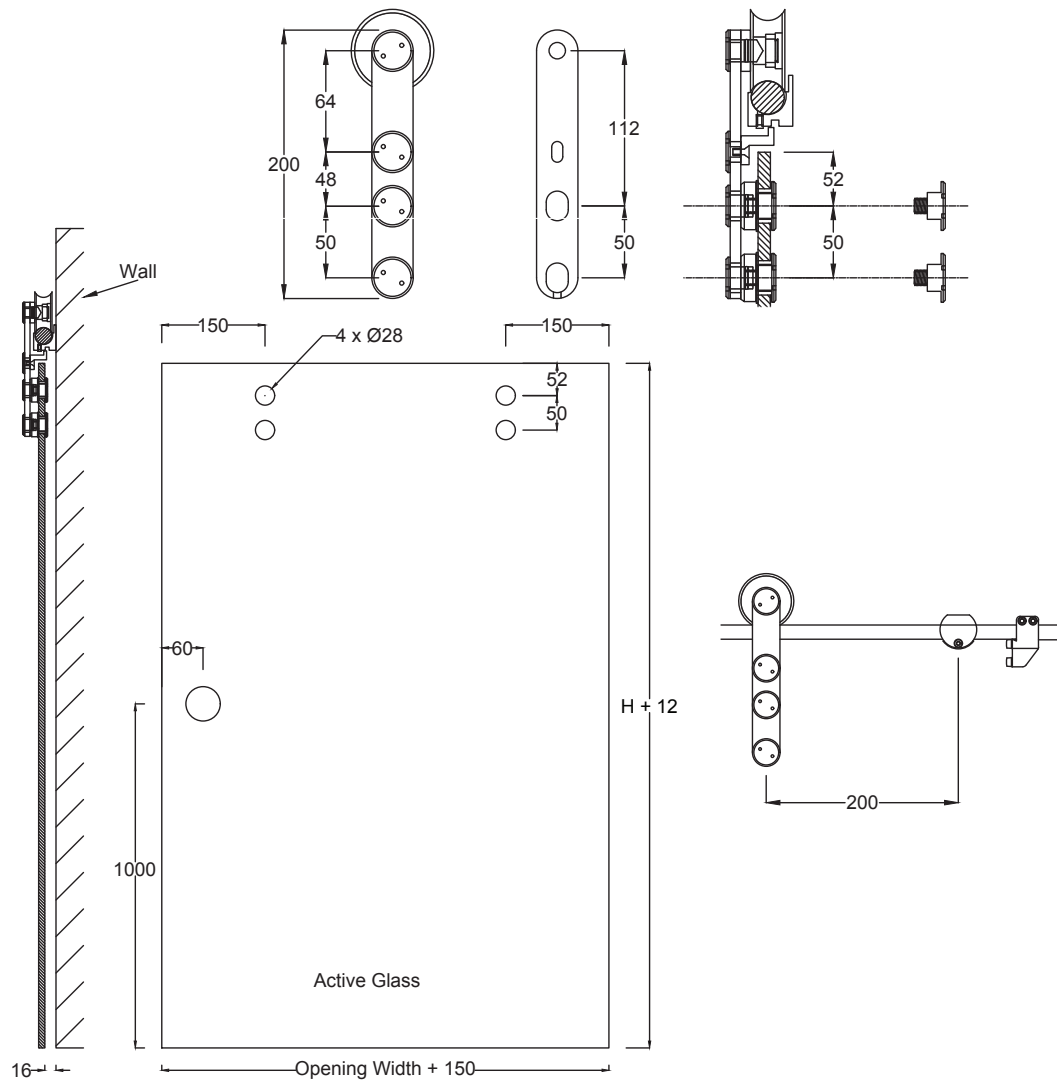
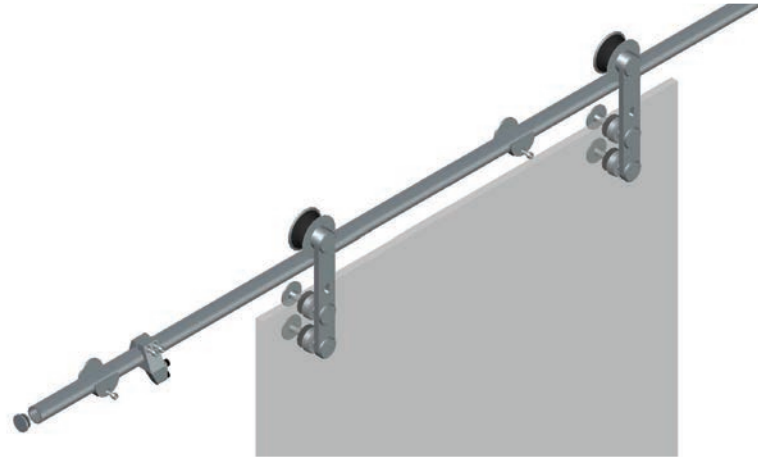
KIT CONTENTS

- 1.1 - SR913L - 1 piece
- 1.2 - SR913R - 1 piece
- 2 - TC101-25 - 5 pieces
- 3 - SD111 - 2 sets
- 4 - ST101 - 1 piece

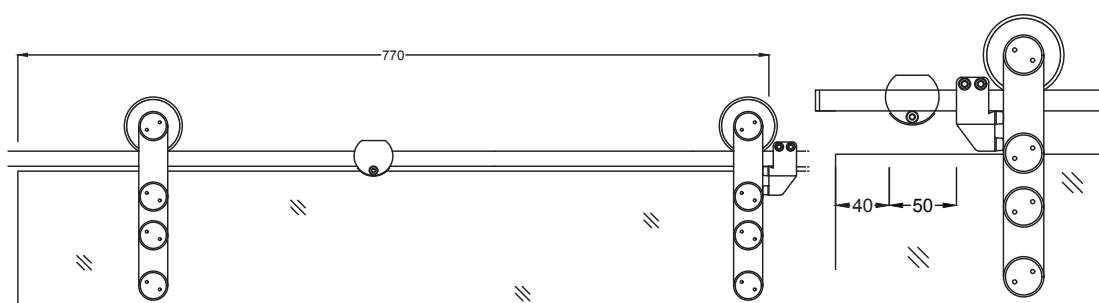
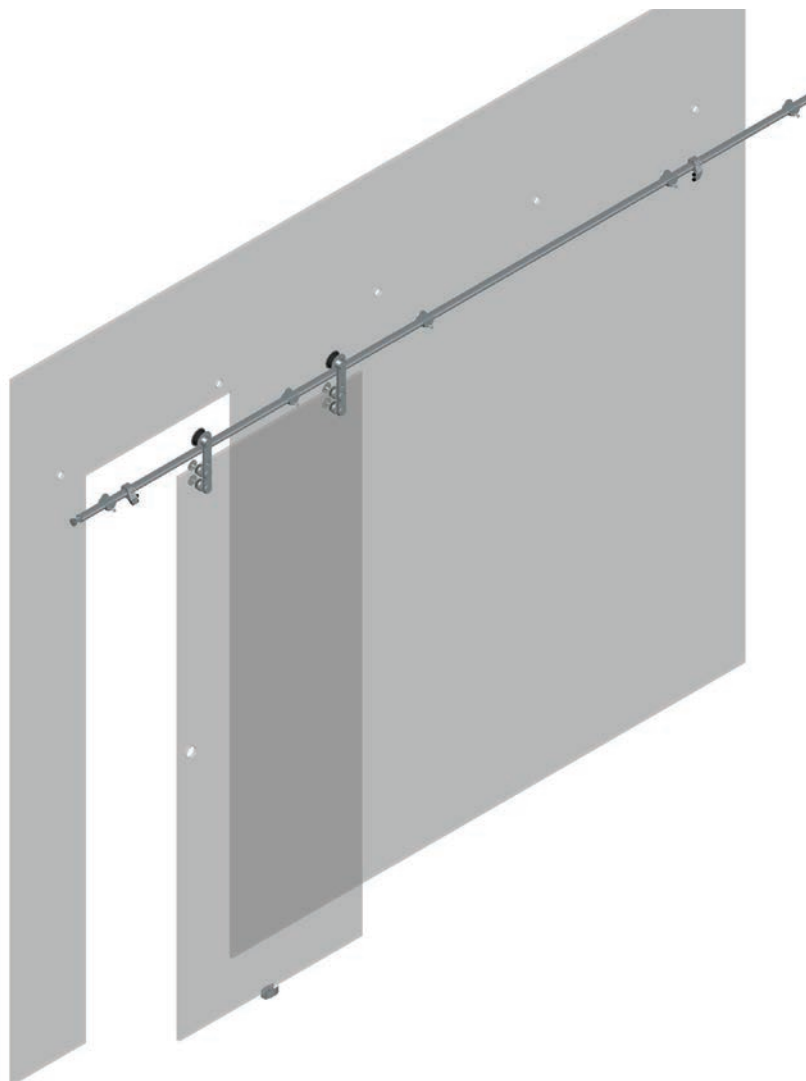
KIT CONTENTS

- 5 - END CAPS - 2 pieces
- 6 - FG201 - 1 piece

L10 Sliding Glass Door System



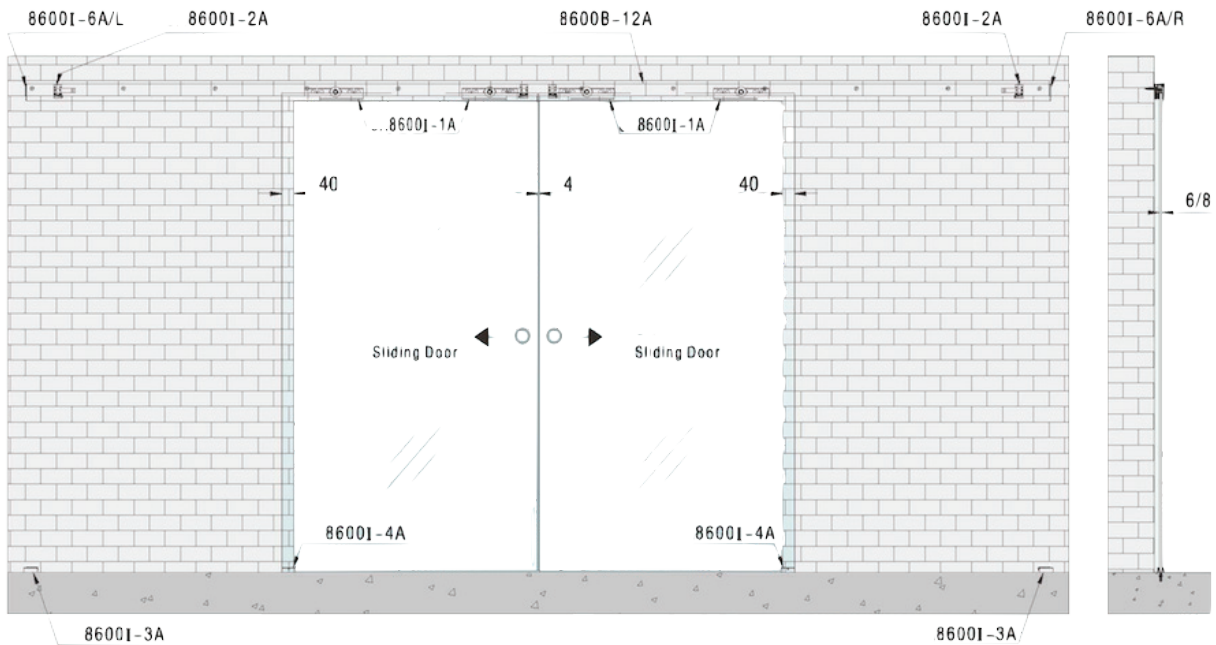
L10 Sliding Glass Door System



GHA8600I-A



GHA8600I-A Installation Instructions - Single Door Structure



GHA8600I-A Installation



GHA8600I-1A (4PCS)



GHA8600I-2A (4PCS)



GHA8600I-3A (2PCS)



GHA8600I-4A (2PCS)



GHA8600I-12A (1PC)



GHA8600I-6A/L (1PC)

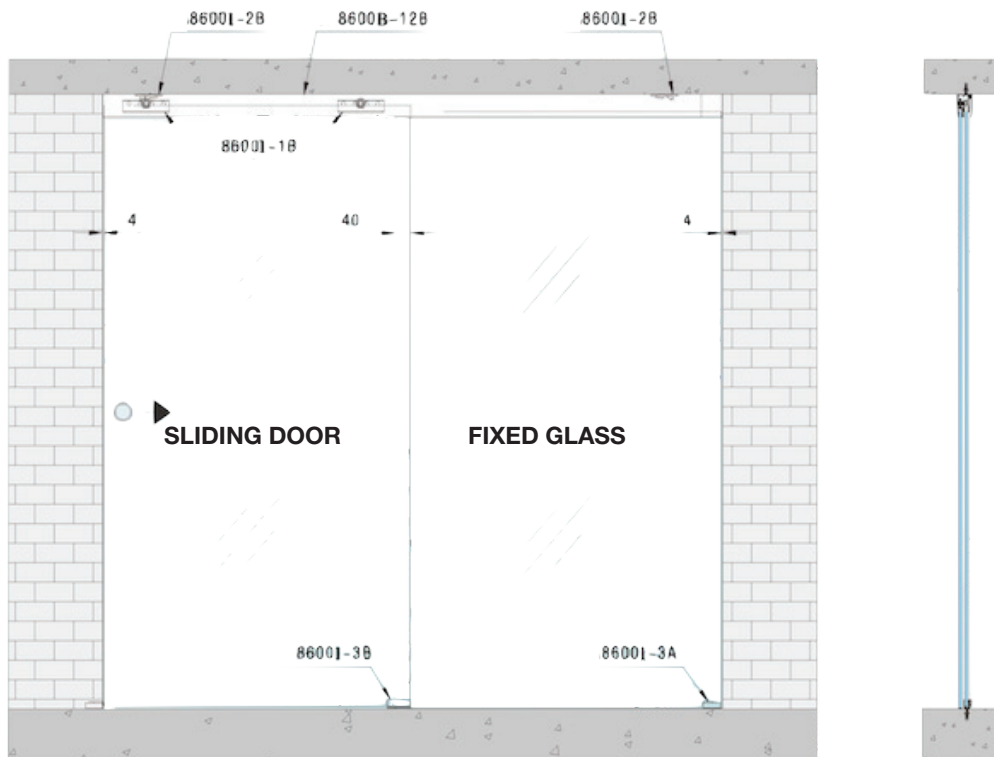


GHA8600I-6A/R (1PC)

GHA8699I-B



GHA8600I-B Installation Instructions - Single Door Structure



GHA8600I-B Installation



GHA8600I-1B (2PCS)



GHA8600I-2B (2PCS)



GHA8600I-3A (1PC)



GHA8600I-3B (1PC)



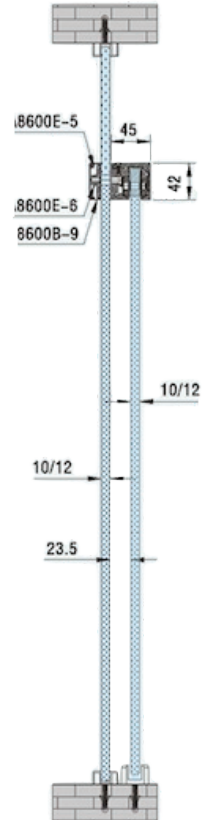
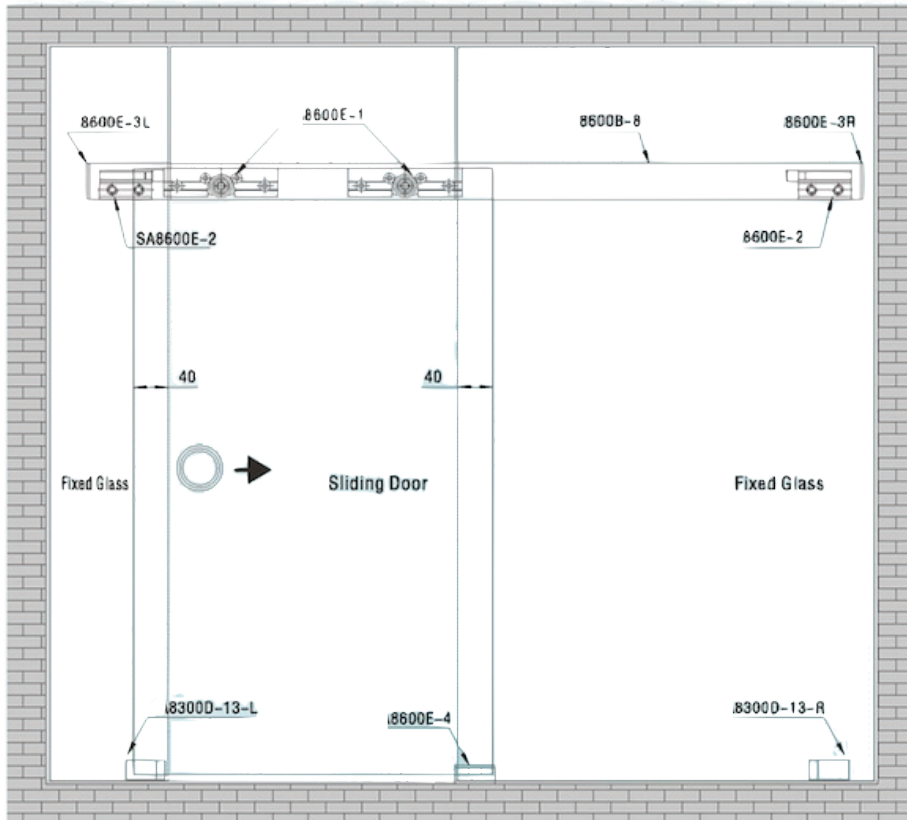
GHA8600B-12B (1PC)



GHA8600E-1



GHA8600E-1 Installation Instructions - Single Door Structure



GHA8600E-1 Installation



GHA8600E-1 (2PCS)



GHA8600E-2 (2PCS)



GHA8600E-3L (1PC)



GHA8600E-3R (1PC)



GHA8600E-4 (1PC)



GHA8600E-5 (2PCS)



GHA8600E-6 (7PCS)



GHA8600B-8 (1PCS)

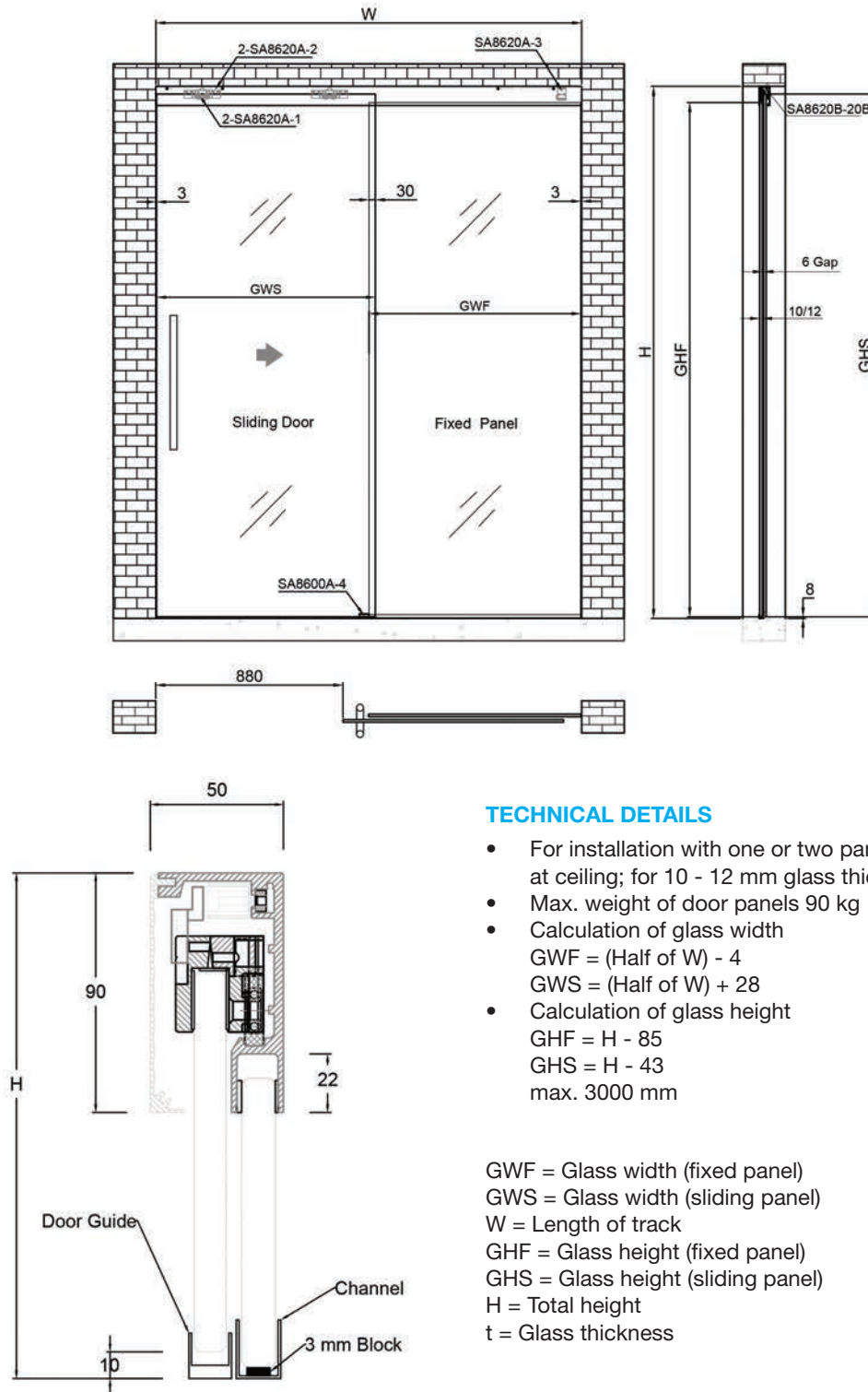


GHA8600B-9 (1PC)



GHA8300D-12L/R (1PC)

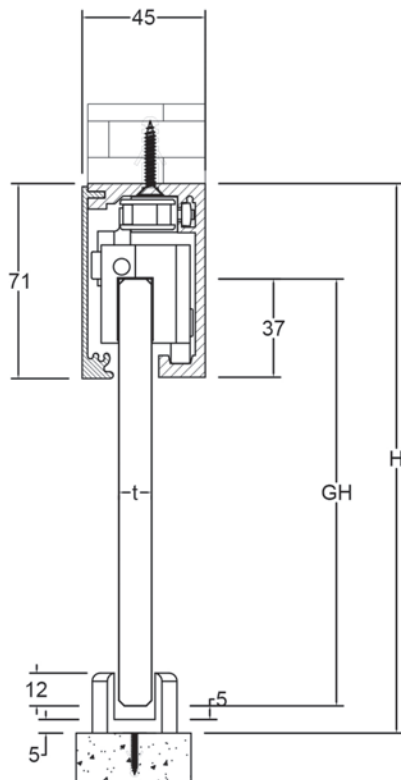
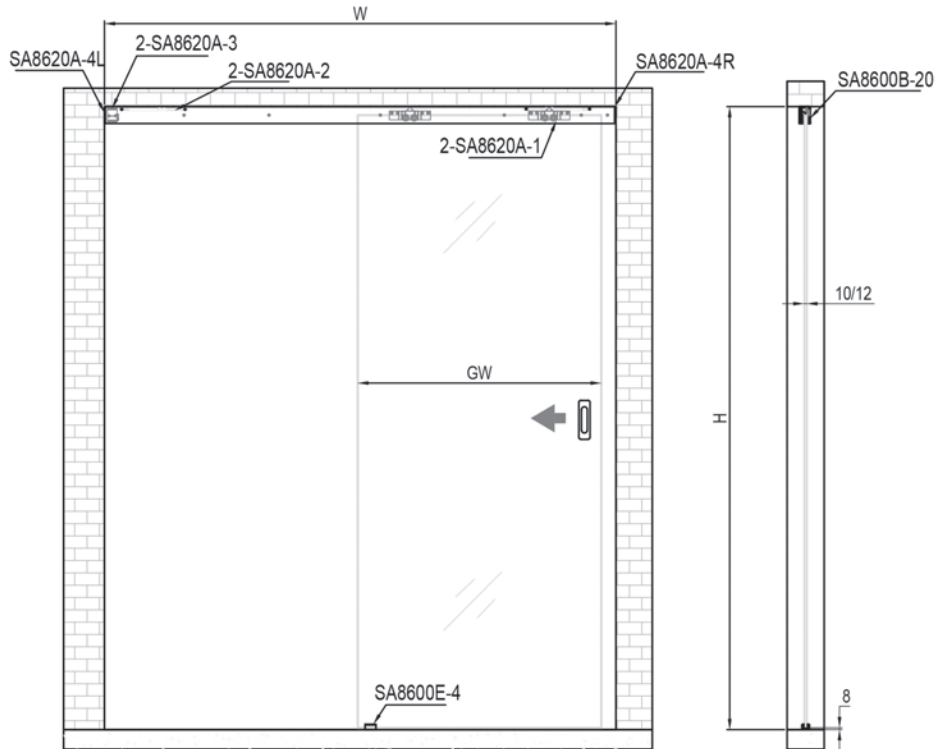
GHA8620A Single Door and Fixed Panel



GHA8600I-A



GHA8620A Head Fix Soft Close System

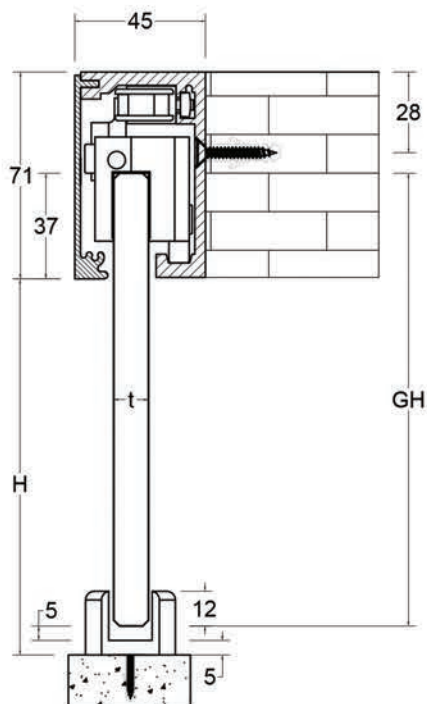
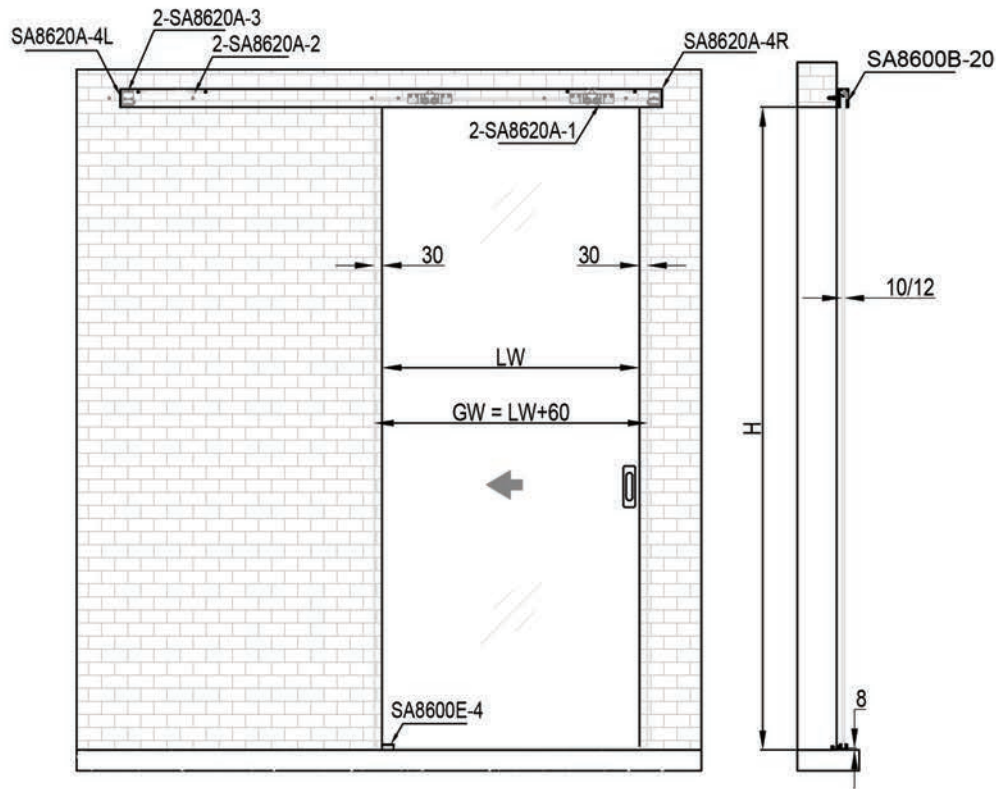


TECHNICAL DETAILS

- For installation with one or two panels fixed at ceiling; for 10 - 12 mm glass thickness
- Max. weight of door panels 90 kg
- Calculation of glass width
 $GW = \text{Half of } W$
- Calculation of glass height
 $GH = H - 44$
max. 3000 mm

GW = Glass width
W = Length of track
GH = Glass height
H = Total height
t = Glass thickness

GHA8620A Face Fix Soft Close System



TECHNICAL DETAILS

- For installation with one panel fixed at wall face; for 10 - 12 mm glass thickness
- Max. weight of door panels 90 kg
- Calculation of glass width
 $GW = LW + 60$
- Calculation of glass height
 $GH = H + 28$
max. 3000 mm

GW = Glass width
LW = Width of opening
GH = Glass height
H = Total height
t = Glass thickness

GHA8600I-A Installation Instructions - Single Door Structure



GHA8600I-1A (2PCS)



GHA8600I-2A (2PCS)



GHA8600I-3A (2PCS)



GHA8600I-4A (1PC)



GHA8600B-12A (1PC)



GHA8600I-6A/R (1PC)

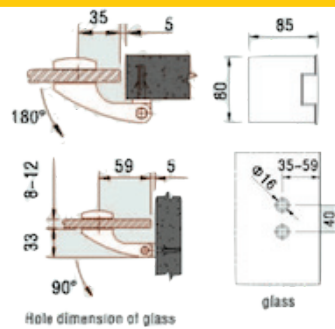


GHA8600I-6A/L (1PC)

GHA8700



GHA8700A-4A Frame Mounted Glass Door Hinge



GHATTM Top Track with Mohair

