

Profile system

- Glazed folding door made of three-layer laminated and bonded solid wood
- The construction depth of the profiles is 75 mm
- Additional stability through tongue and groove joint between the panels
- Panel open to the inside or outside
- Opening of panels by sliding to one side or to both sides
- Option of flush or weathered bottom track
- The flush bottom track is particularly suitable for use in „Barrier-free dwellings“ according to DIN 18 025
- Flush running and guide tracks
- Height variations and expansions may be compensated

Profile system

- Airborne sound insulation according to DIN EN ISO 140-2
- Glazing Float 4 mm, SZR 20mm (Argon), LE Premium 4 mm R_w 35 dB
- Glazing VSG SI 8 mm, SZR 16 mm (Argon), LE Premium 6 mm R_w 42 dB
- Air permeability according to DIN EN 1026/12207 class 4
- Watertightness according to DIN EN 1027/12208 class 7A
- Resistance to windload according to DIN EN 12211/12210 class B5

Fittings

- All fittings are concealed within the profiles
- Low-maintenance, non-corroding and failsafe hardware components
- Locking of panels in top and bottom track
- Locking and unlocking of panels via flat handles with locking device for burglar resistance
- Turn panel can be secured against unauthorized opening by a profile cylinder lock
- Hinges are secured against knocking-out of the pivot pins (burglar resistance)
- An open turn panel may be securely fixed to the adjacent panel by panel catchers
- An integrated pass through panel with a lever-operated multiple locking system, with profile cylinder and handle can be provided at the inside and outside
- An integrated tilt or turn panel within a panel is optionally available

Running assembly

- The running assemblies are located above the water drainage area
- Low-noise, wear-, heat- and cold-resistant rollers

Sealing and ventilation

- Using EPDM gaskets at two levels guarantees rain- and wind-proofness

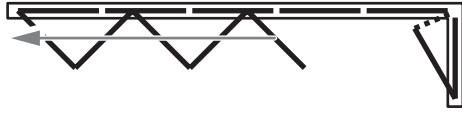
Glazing

- A glazing configuration of up to 40 mm is possible
- Fitting of the glass panes by wet glazing method
- Subsequent replacement of panes without difficulty

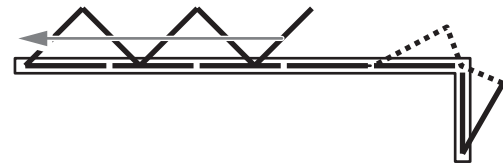


Corner angles 90°-180° with or without corner post

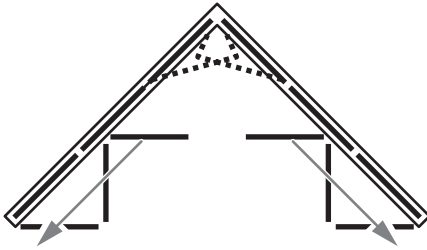
Typ I



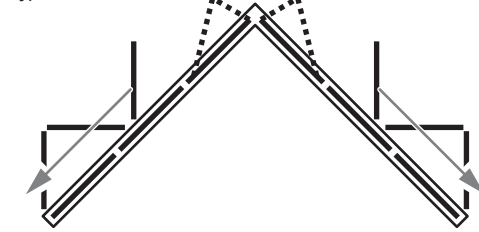
Typ A



Typ I

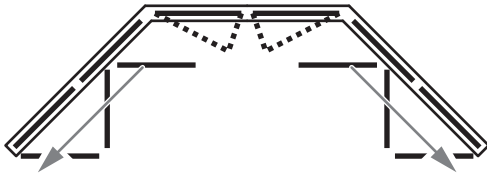


Typ A

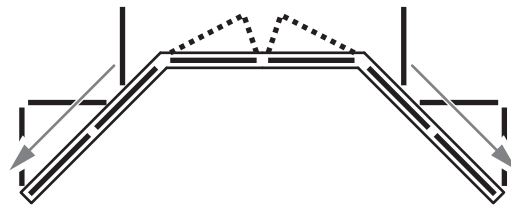


Corner angles 90°-180°

Typ I



Typ A



Other floor plan geometries upon request

Typ A = Outward opening of panels Typ I = Inward opening of panels



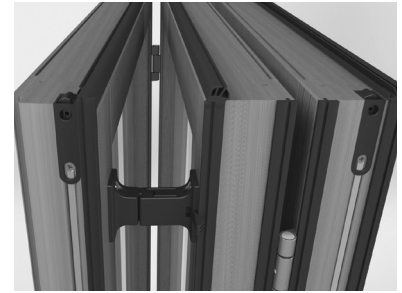
Handles

Opening and closing of panels by user-friendly single-handed operation of robust flat handles. For additional locking of panels, various lock types are available.



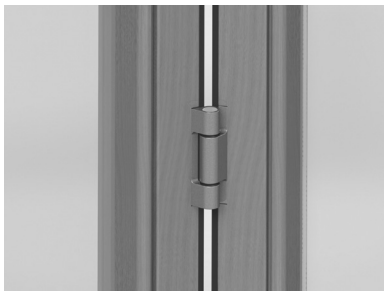
Proper handle series

Handles matching the profile design guarantee a harmonized overall picture of the folding system in closed state and a small panel package in open state.



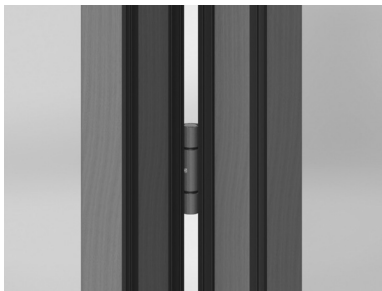
Safety function panel catcher

In any opening position of the folding system an open turn panel may be safely locked to the adjacent panel by means of safety function panel catchers and be carried along in a controlled way.



Burglar resistance

All external hinges are additionally secured by means of a safety screw against knocking out of the hinge bolts.



Sealing

Optimal tightness by flushly embedded hinges with continuous gaskets.



Mushroom head lock

For optimal tightness and burglar resistance the doorway panel (turn panel) is laterally being connected to the frame or the adjacent panel through a mushroom head lock.



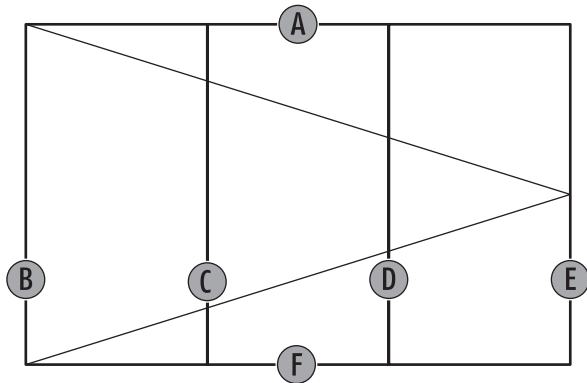
Height compensation

The height of the installed folding system may be easily adjusted by a few hand grips, only – this is important in case of eventual structure sagging.

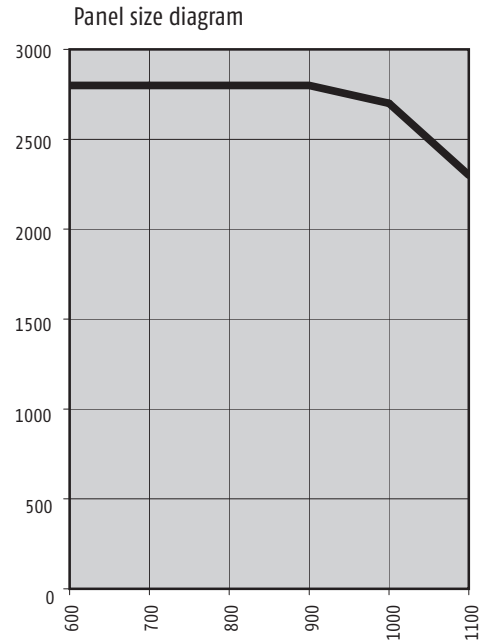


Assembly

The assembly shoes allow a fast and trouble-free assembly of the frame and a fine adjustment of the vertical frame profiles in the closing range.

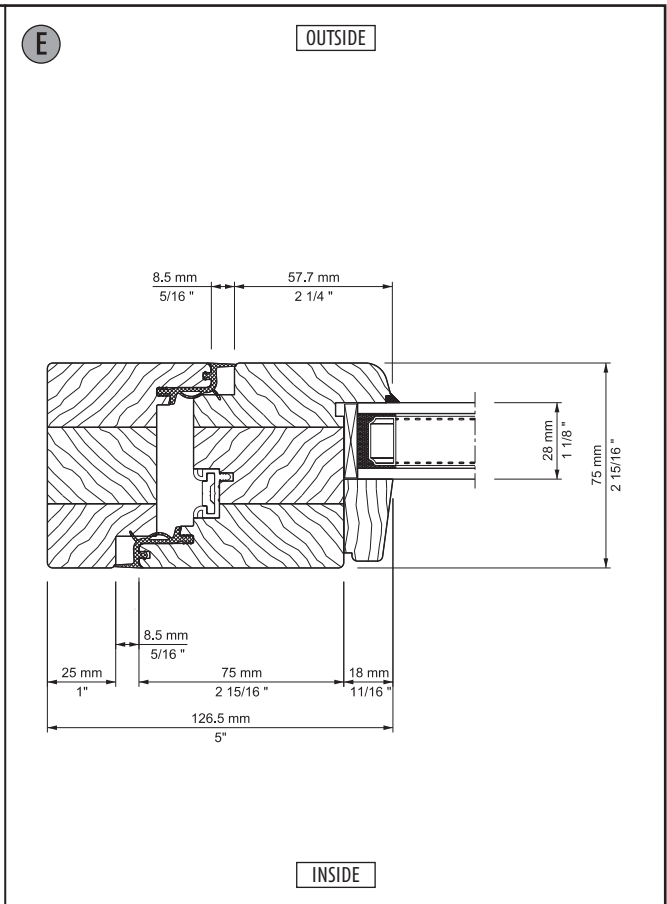
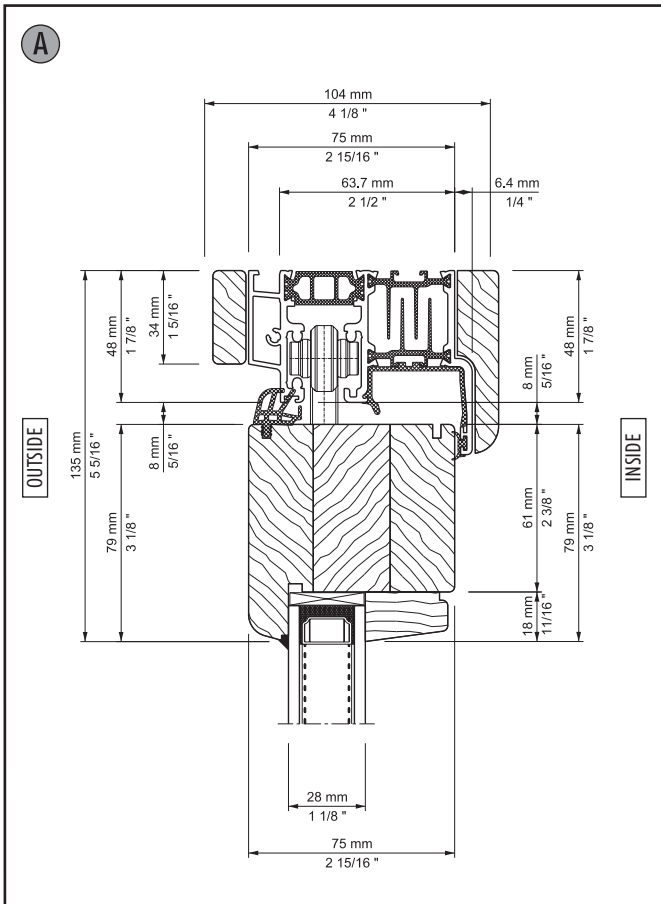


Details at even panel partition in one direction



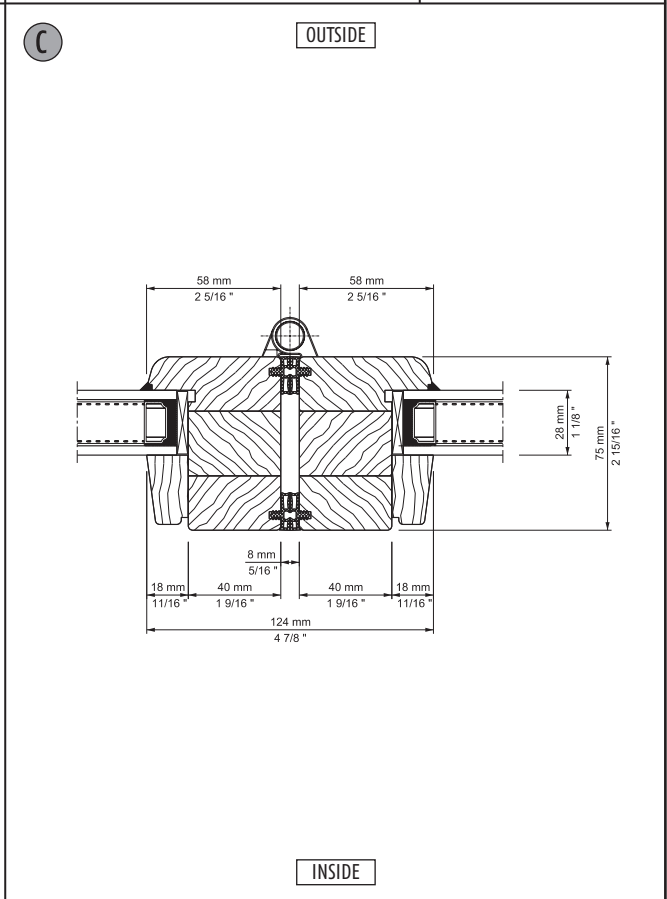
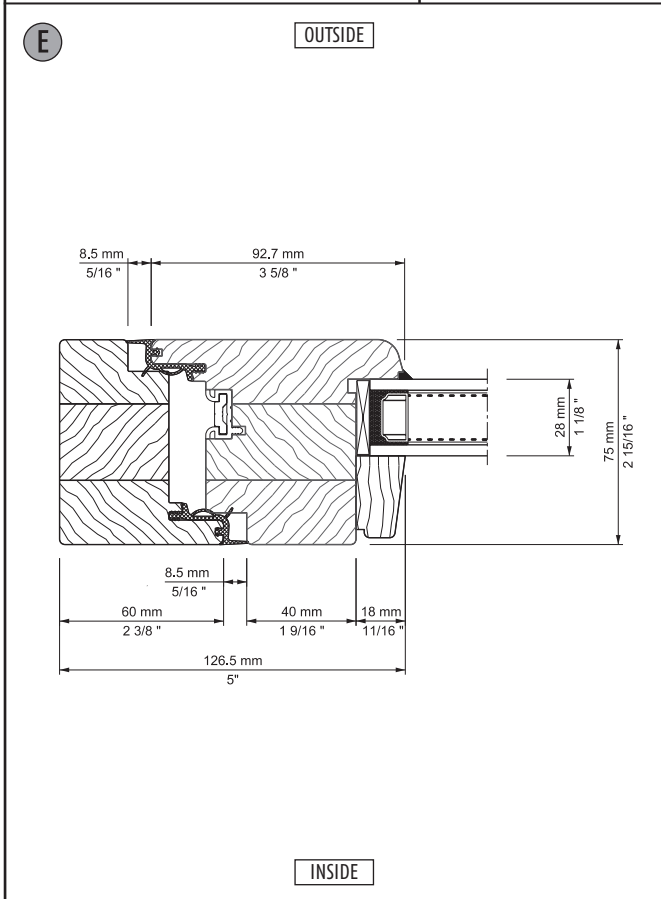
Ref.	Section	Description	Page
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<p>Description: Vertical-Section, glazing beads designs (softline + square - edge)</p>	<p>System: SF75H Detail-No.: SF75H-000</p>	<p>Description: Vertical-Section, connection bottom track / inside folding</p>	<p>System: SF75H Detail-No.: SF75H-001</p>
<p>Description: Vertical-Section, connection bottom track / outside folding</p>	<p>System: SF75H Detail-No.: SF75H-003</p>	<p>Description: Vertical-Section, connection top track / inside folding</p>	<p>System: SF75H Detail-No.: SF75H-002</p>



Description: Vertical-Section, connection top track / outside folding
 System: SF75H
 Detail-No.: SF75H-004

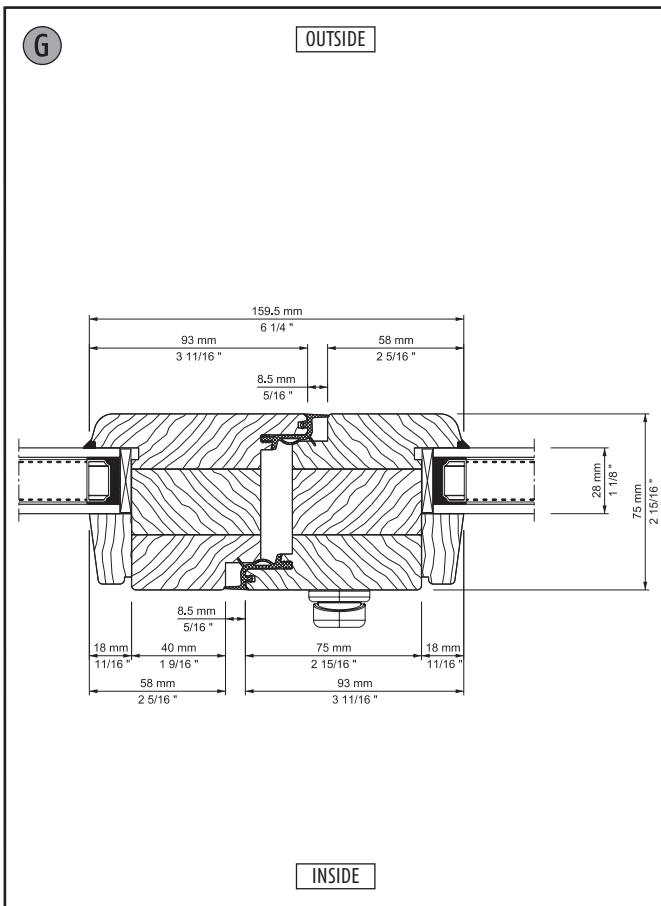
Description: Horizontal-Section, blind frame - panel closing section / inside folding
 System: SF75H
 Detail-No.: SF75H-101



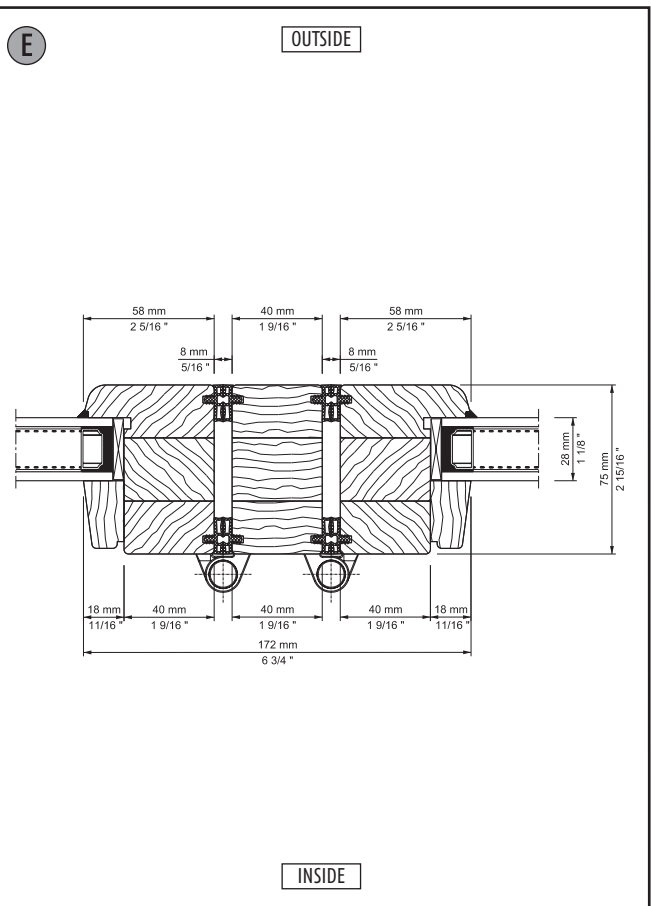
Description: Horizontal-Section, blind frame - panel closing section / outside folding
 System: SF75H
 Detail-No.: SF75H-102

Description: Horizontal-Section, panel - panel / hinge outside
 System: SF75H
 Detail-No.: SF75H-103

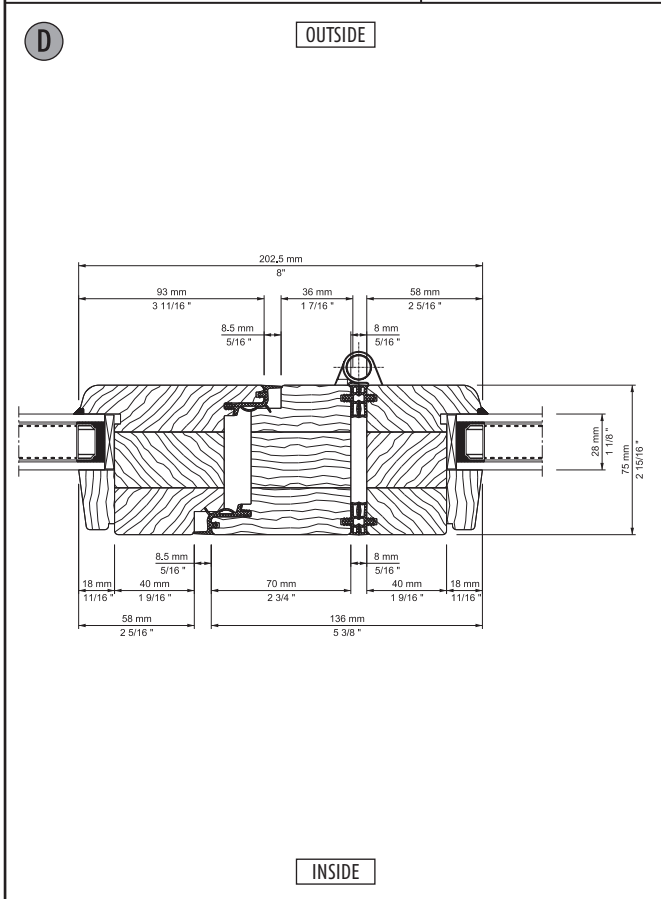
<p>C OUTSIDE</p> <p>INSIDE</p>	<p>E OUTSIDE</p> <p>INSIDE</p>
<p>Description: Horizontal-Section, panel - panel / hinge inside</p> <p>System: SF75H</p> <p>Detail-No.: SF75H-104</p>	<p>Description: Horizontal-Section, vertical post - panel / hinge inside</p> <p>System: SF75H</p> <p>Detail-No.: SF75H-105</p>
<p>E OUTSIDE</p> <p>INSIDE</p>	<p>D OUTSIDE</p> <p>INSIDE</p>
<p>Description: Horizontal-Section, vertical post - panel / hinge outside</p> <p>System: SF75H</p> <p>Detail-No.: SF75H-106</p>	<p>Description: Horizontal-Section, midrail</p> <p>System: SF75H</p> <p>Detail-No.: SF75H-107</p>



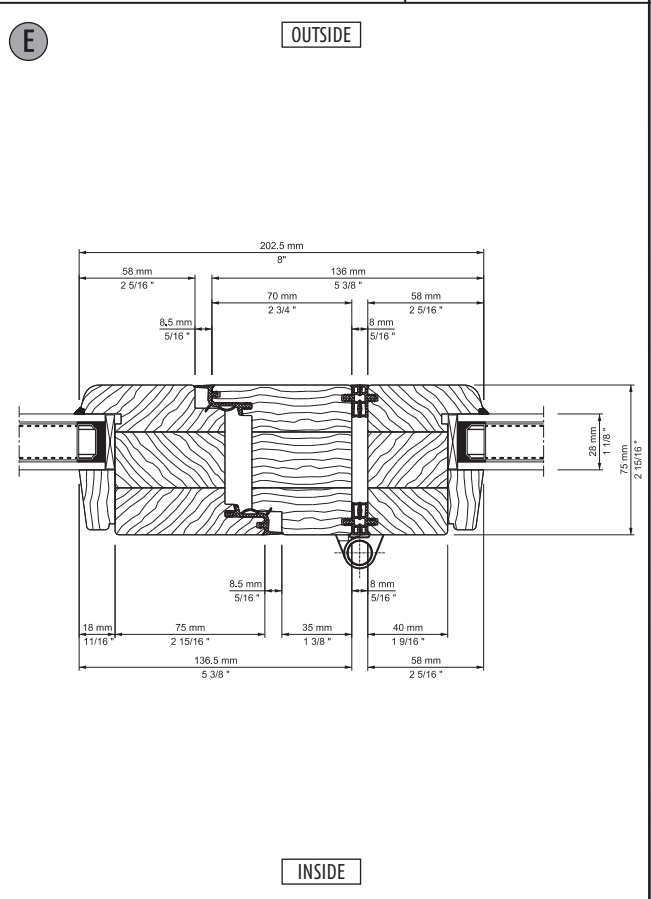
Description: Horizontal-Section, panel - panel closing section	System: SF75H
	Detail-No.: SF75H-108



Description: Horizontal-Section, sliding post / hinge inside	System: SF75H
	Detail-No.: SF75H-121



Description: Horizontal-Section, closing section - sliding post (e.g. 1L/2R) / outside folding	System: SF75H
	Detail-No.: SF75H-115



Description: Horizontal-Section, closing section - sliding post (e.g. 1L/2R) / inside folding	System: SF75H
	Detail-No.: SF75H-116

<p>OUTSIDE</p> <p>169.5 mm 6 11/16"</p> <p>60 mm 2 3/8"</p> <p>36 mm 1 7/16"</p> <p>58 mm 2 5/16"</p> <p>8.5 mm 5/16"</p> <p>8 mm 5/16"</p> <p>28 mm 1 1/8"</p> <p>75 mm 2 15/16"</p> <p>INSIDE</p> <p>8.5 mm 5/16"</p> <p>25 mm 1"</p> <p>70 mm 2 3/4"</p> <p>8 mm 5/16"</p> <p>40 mm 1 9/16"</p> <p>18 mm 11/16"</p> <p>136 mm</p>	<p>OUTSIDE</p> <p>169.5 mm 6 11/16"</p> <p>25 mm 1"</p> <p>70 mm 2 3/4"</p> <p>58 mm 2 5/16"</p> <p>8.5 mm 5/16"</p> <p>8 mm 5/16"</p> <p>28 mm 1 1/8"</p> <p>75 mm 2 15/16"</p> <p>INSIDE</p> <p>8.5 mm 5/16"</p> <p>60 mm 2 3/8"</p> <p>35 mm 1 3/8"</p> <p>8 mm 5/16"</p> <p>40 mm 1 9/16"</p> <p>18 mm 11/16"</p>		
<p>Description: Horizontal-Section, blind frame - panel closing section incl. sliding post (e.g. 2R) / outside folding</p>	<p>System: SF75H Detail-No.: SF75H-117</p>	<p>Description: Horizontal-Section, blind frame - panel closing section incl. sliding post (e.g. 2R) / inside folding</p>	<p>System: SF75H Detail-No.: SF75H-118</p>
<p>OUTSIDE</p> <p>245.6 mm 9 11/16"</p> <p>136 mm 5 3/8"</p> <p>101 mm 4"</p> <p>58 mm 2 5/16"</p> <p>70 mm 2 3/4"</p> <p>35 mm 1 3/8"</p> <p>58 mm 2 5/16"</p> <p>8 mm 5/16"</p> <p>8.5 mm 5/16"</p> <p>8 mm 5/16"</p> <p>28 mm 1 1/8"</p> <p>75 mm 2 15/16"</p> <p>INSIDE</p> <p>8 mm 5/16"</p> <p>18 mm 11/16"</p> <p>40 mm 1 9/16"</p> <p>35 mm 1 3/8"</p> <p>70 mm 2 3/4"</p> <p>8 mm 5/16"</p> <p>40 mm 1 9/16"</p> <p>18 mm 11/16"</p> <p>58 mm 2 5/16"</p> <p>136 mm 5 3/8"</p>	<p>OUTSIDE</p> <p>245.6 mm 9 11/16"</p> <p>101 mm 4"</p> <p>136 mm 5 3/8"</p> <p>58 mm 2 5/16"</p> <p>35 mm 1 3/8"</p> <p>70 mm 2 3/4"</p> <p>58 mm 2 5/16"</p> <p>8 mm 5/16"</p> <p>8.5 mm 5/16"</p> <p>8 mm 5/16"</p> <p>28 mm 1 1/8"</p> <p>75 mm 2 15/16"</p> <p>INSIDE</p> <p>8 mm 5/16"</p> <p>18 mm 11/16"</p> <p>40 mm 1 9/16"</p> <p>70 mm 2 3/4"</p> <p>35 mm 1 3/8"</p> <p>40 mm 1 9/16"</p> <p>18 mm 11/16"</p> <p>58 mm 2 5/16"</p> <p>136 mm 5 3/8"</p> <p>101 mm 4"</p>		
<p>Description: Horizontal-Section, profil section - sliding post (e.g. 2L/2R) / outside folding</p>	<p>System: SF75H Detail-No.: SF75H-119</p>	<p>Description: Horizontal-Section, profil section - sliding post (e.g. 2L/2R) / inside folding</p>	<p>System: SF75H Detail-No.: SF75H-120</p>

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