



Manual Sliding Door Systems

Technical brochure 2020

MUTO
RS 120/
RS 120 Synchro
MANET Compact/
Concept
RSP 80

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



166 **RSP 80**
Manual sliding door system with single-point fittings, aluminium



172 **Wall connection profile**
Bearing wall connecting profile system



178 **Accessories**



195 **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⁾	660 ³⁾
	with DORMOTION	660	810 / 1,020 ³⁾
Max. sliding panel width (mm)	1,300	1,500 (max. 2,000) ⁷⁾	1,500 (max. 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

With its flexible modular system, MANET offers designers plenty of scope in planning spatial configurations. The basic module is the single-point fixing inserted in countersunk holes to ensure that it is flushed with the glass surface – just one of its visual highlights.

RSP 80

This sliding door system comes with a visible roller assembly capable of carrying glass or timber door panels of up to 80 kg suspended from the track. A plastic running surface ensures a particularly smooth and quiet operation.

MUTO Premium Self-Closing 120	MUTO Premium Telescopic 80	RS 120	MANET Compact	MANET Concept	RSP 80
●	●	●	●	●	●
●	●	●			
●	● (2 panels, move in sync)	●	●	●	●
●	● (2+2 panels, move in sync)	●	●	●	●
●	●				
●	●				
●	●				
●	●				
		●			
	●				
●	●				
●	●	●	●	●	●
●	●		●	●	○
●	●	●		●	
●	●		●	●	
●	●			●	
●	●	●	●	●	
●	●	●		●	●
				●	
●	●	●			
120 kg	2 x 80 kg	120 / 150 kg	100 kg	120 kg	80 kg
660 ³⁾	from page 92 onwards	500 ³⁾	500 ³⁾	500 ³⁾	500 ³⁾
850 ³⁾					
1,500 ⁸⁾	from page 92 onwards	1,500 ⁷⁾	1,200 ⁷⁾	1,500 ⁷⁾	1,200 ⁷⁾
3,000	3,000	3,000	2,500	3,000	2,500
8 – 13.5	8 – 13.5	8, 10, 12	8, 10, 12	8 – 17.5	8, 10
TSG / LSG ⁴⁾⁵⁾	TSG / LSG ⁴⁾⁵⁾	TSG	TSG	TSG / LSG	TSG
28 – 50	28 – 50	26 – 38		20 – 40	25 – 40
8 – 13.5	8 – 13.5		10, 12	10 – 17.5	
70	88	116	126	136	166

7) For other possible glass panel widths, please consult our application technology department.

The glass dimensions may differ due to the following factors: type of installation, glass tolerances, general usage considerations.

8) Max. travel 1,450 mm

● Standard

○ Optional

Content

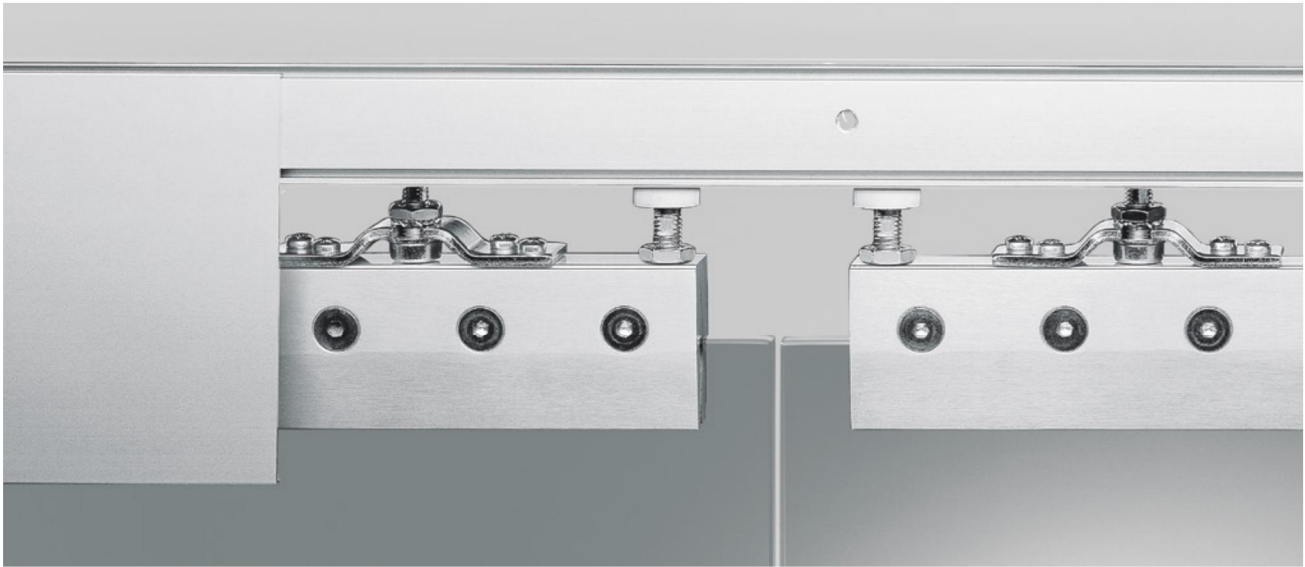
RS 120/RS 120 Synchro

118	General information
119	Type illustrations
122	Component parts
123/178	Accessories
195	Safety-related information



**RS 120 /
RS 120 Synchro**

General information



Rugged track

The hollow profiled aluminum track is light yet rugged and resistant to twisting. It can be fixed directly under the ceiling or onto a wall and simply cut to the required size.

Clip-on covers

The covers are made of aluminum, and are easily clipped onto the track. If the track is top fixed, onto the ceiling, the covers are used on both sides; if the track is side fixed, the cover is used on the exposed side only. The covers also can easily be cut to size.

Sidelight profile

A special profile to be hung and screwed into the track is available for the use with fixed sidelights. It ensures that the sidelight glass is mounted with the correct distance to the track.

As a matter of course the sidelight profile can be provided with clip-on covers. Furthermore the free sidelight profile in the passage area can be covered from below by a bottom view protection profile.

Gentle, easy action

The carriers run on large nylon wheels, with needle bearings, giving a quiet and very low friction ride. They are made from high grade, glass fibre reinforced nylon, which is corrosion-resistant and extremely strong.

End stop and holder

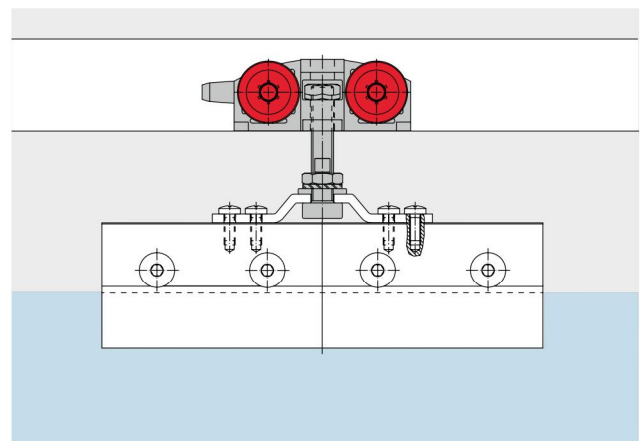
There is a clever device in the track which operates as a cushioned end stop, retaining the door securely in the end positions.

Synchro version

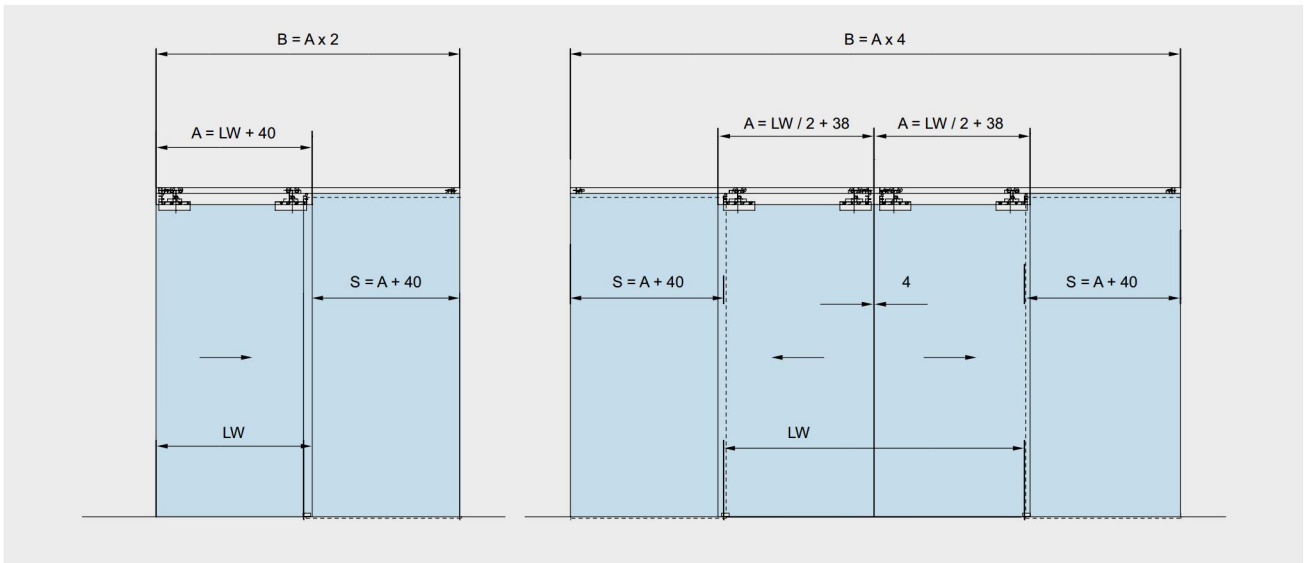
By a special cable and deflection device a synchronously opening system for a two-panel assembly can be realised. As only one of the panels has to be moved, the greatest possible operating convenience for maximum passage width is guaranteed.

No glass preparation

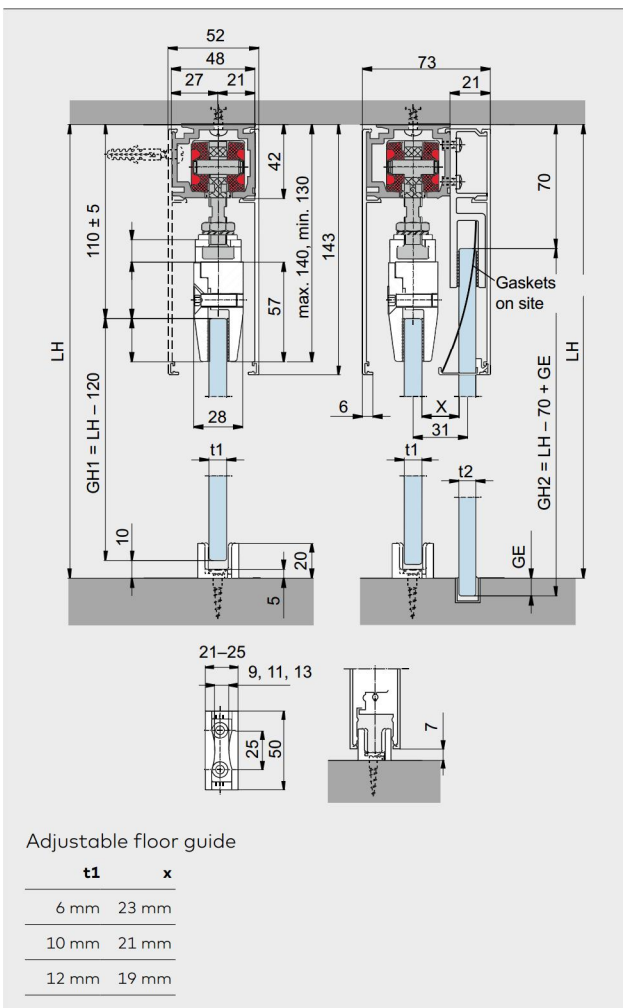
dormakaba has a wide experience in working with toughened glass, and this has led to the development of a clamping system which is all that is required for securing the glass blades in the RS sliding door gear. This has the additional benefit of allowing some door height adjustment, after the door is hung, without dismantling the already fixed glass.



Type illustrations



Fixed at ceiling



Product description

RS 120

For one or more door panels, with or without sidelights;
8, 10 and 12 mm glass thickness.

Maximum weight of door panels

No. of carriers	max weight (kg) per door leaf
2	120
3	150

Torque for screws in the clamping patches

20 Nm

Calculation of glass height

Height of sliding door leaf:

$$GH1 = LH - 120$$

(see drawing left hand)

Height of sidelight:

$$GH2 = LH - 70 \text{ mm} + GE$$

Calculation of glass width

Width of sliding door leaf:

$$A = LW + 40 \text{ (min. 500)}$$

Width of sidelight:

$$S = A + 40$$

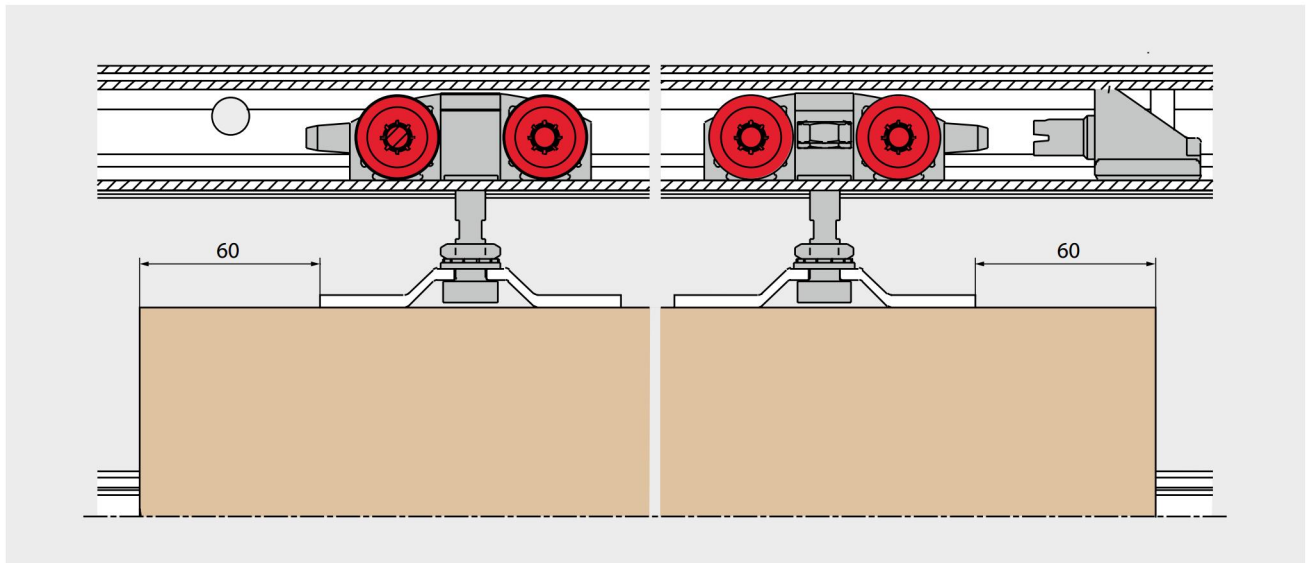
Note:

In order to maximise the protection afforded to the glass, we recommend that spacer 29.420 be fitted to sliding doors that move in opposite directions (see page 123).

A = Width of door leaf
B = Length of track
GH1 = Glass height of sliding door leaf
GH2 = Glass height of sidelight
GE = Glass rebate depth

LH = Clear opening height
LW = Clear opening width
S = Width of sidelight
t1 = Glass thickness sliding panel
t2 = Glass thickness side panel

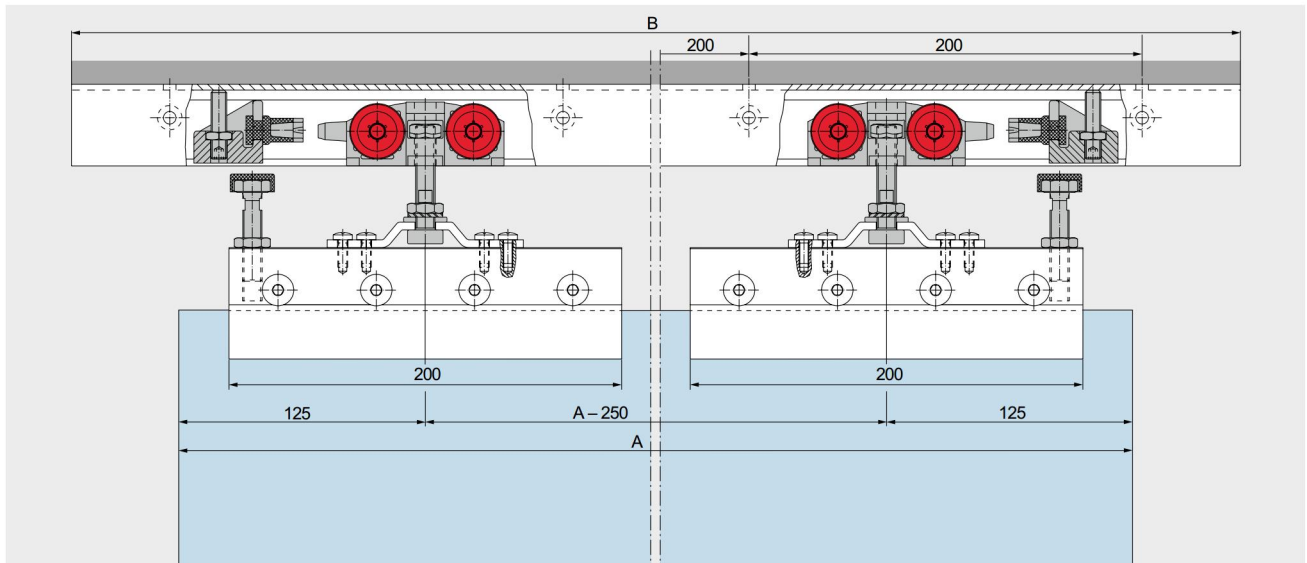
Sliding door system for timber doors



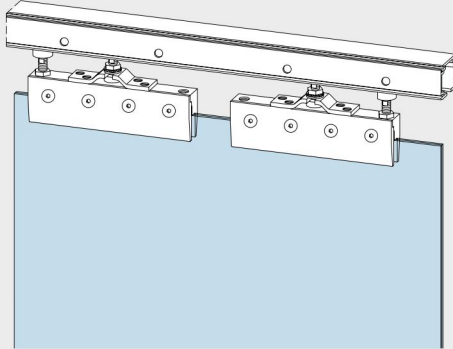
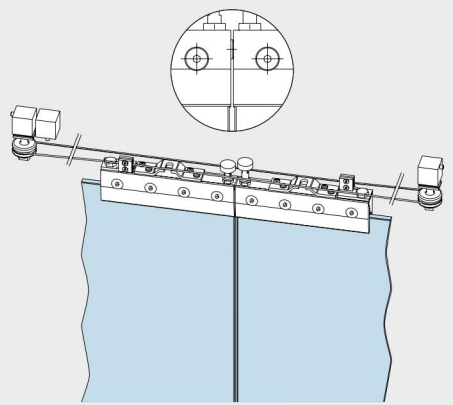
Sliding door system for timber doors	Product description	No. of carriers	max weight (kg) per door leaf
	<p>RS 120 For one or more door panels.</p> <p>Calculation of door panel height Height of sliding door leaf: $TH = LH - 90$ (see drawing left hand)</p>	2	120

TH = door height
LH = clear opening height

Type illustrations ceiling installation

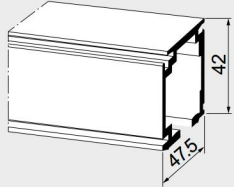
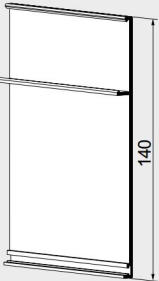
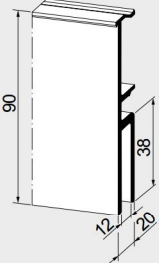
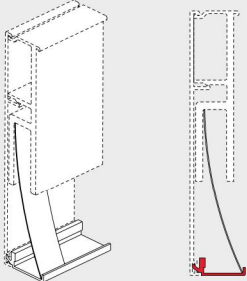


Opening to right side, Closing to left side (DIN Left)

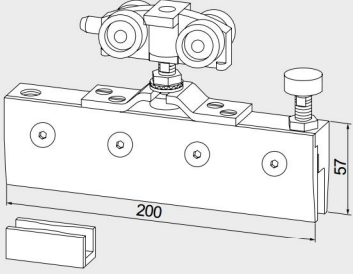
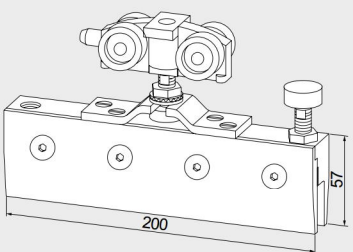
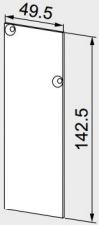
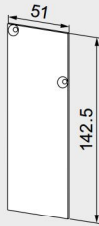
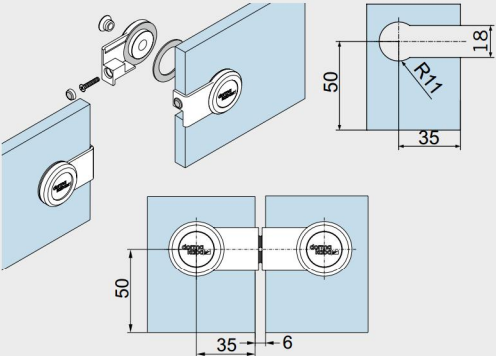
Fixed at ceiling	Product description	Track length B in mm	Weight in kg	Art. No.
	Sliding door gear RS 120 complete, consisting of: 1 track, 2 carriers with clamping patches and support screw for 8 and 10 mm glass thicknesses, 2 end stops and 1 floor guide.	1,900	4.503	07.101
		2,900	5.858	07.102
	Sliding door gear RS 120 Synchro For 2-panel synchronously opening system, max. panel width = 2 x 1,000 mm, max. panel weight = 80 kg per panel, consisting of: 2 x accessory set 07.125 1 x deflection device incl. cable, adjustable			07.150

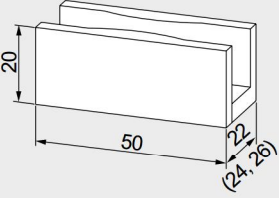
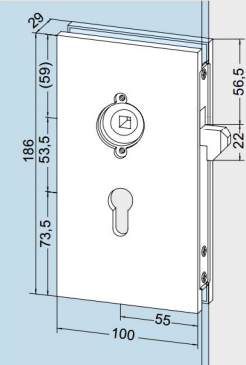
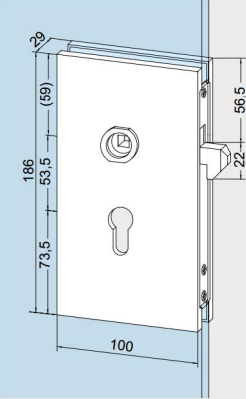
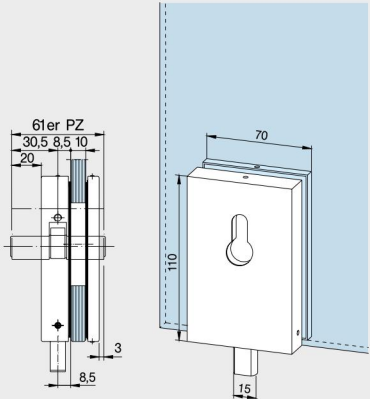
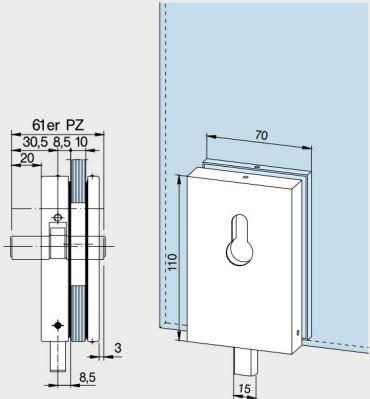
Track, if necessary sidelight profile, cover profile
 + view protection profile have to be ordered separately (see page 122).

Component parts RS 120/RS 120 Syncro

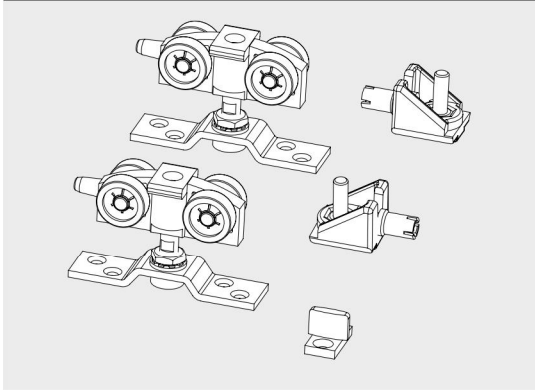
	Product description	Weight in kg/m	Art. No.
	<p>Track profile prepared for top or side fixing</p> <p>fixed length stock length 6,000 mm</p>	1.355	<p>07.131 07.121</p>
	<p>Cover profile for clip attachment with connecting web for view protection profile 07.137/138</p> <p>fixed length stock length 6,000 mm</p>	0.826	<p>07.141 07.140</p>
	<p>Sidelight profile non prepared</p> <p>fixed length stock length 6,000 mm</p>	1.680	<p>07.132 07.122</p>
	<p>Bottom view protection profile (only in combination with sidelight profile 07.132/122 and cover profile 07.141/140)</p> <p>fixed length stock length 6,000 mm</p>	0.164	<p>07.137 07.138</p>

Accessories RS 120/RS 120 Synchro

	Product description	Weight in kg/m	Art. No.
	<p>Set of accessories consisting of: 2 carriers with clamping patches (8 and 10 mm glass thicknesses) and support screw, 2 end stops with safety catch, 1 floor guide</p>		07.125
	<p>Additional carrier with clamping patches (8 and 10 mm glass thicknesses) for max. panel weight 150 kg</p> <p>Pair of intermediate aluminum plates for 12 mm glass thickness (for 2 clamping parts) (not illustrated)</p>		07.123 07.118
	<p>End cap track connected to wall left/right hand, incl. screws</p>	0.037	07.127
	<p>End cap track connected to ceiling left/right hand, incl. screws</p>	0.037	07.129
	<p>Spacer for sliding doors that move in opposite directions</p> <p>Please order our detail sheet 29-044-B for details of glass preparations.</p>		29.420

	Product description	Weight in kg/m	Art. No.
	<p>Floor guide, adjustable</p>	0.024	07.126
	<p>Hook lock for sliding doors, nightlatch function, suitable for aluminum lever handles with round roses (10.307), prepared for Europrofile cylinder, left hand and right hand, with lock keeper plate</p>	1,325	05.200
	<p>Suitable for lever handles with follower</p>	1,325	05.202
	<p>Strike box to suit hook lock, (05.200, 05.202), non-handed</p> <p>Corner lock, for vertical or horizontal fixing, double throw, bolt projection 20 mm, hardened oval bolt, prepared for Europrofile cylinder</p>	0,890	05.201
	<p>Aluminum Brass</p> <p>prepared for KABA</p> <p>Aluminum Brass</p> <p>Prepared for one-sided Europrofile cylinder, lockable from inside</p> <p>Aluminum Brass</p>	0,849 1,033 0,842 1,020 0,858 1,038	05.100 05.105 not illustr. 05.116 not illustr.

Component parts for RS 120 for timber applications

Product description**Art. No.**

RS 120 accessories
for timber applications
consisting of:
2 carriers,
2 end stops with safety catch,
1 floor guide

07.135

Content

Accessories

- 180 **General Information**
- 181 **Handle bars, door knobs,
recessed pull grips and brush seals**
- 190 **Assembling aid**
- 195 **Safety-related information**



Accessories

Pull handles, door knobs and recessed pull grip

The pull handle/knob system is designed for glass of 8, 10 and 12 mm thickness.

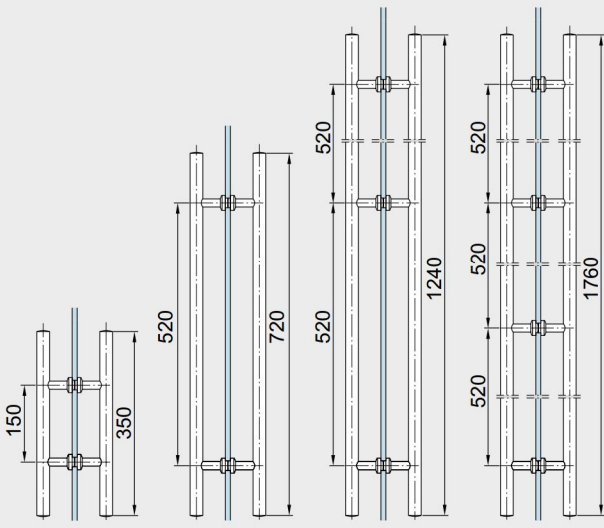
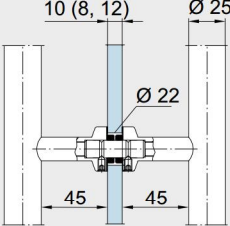
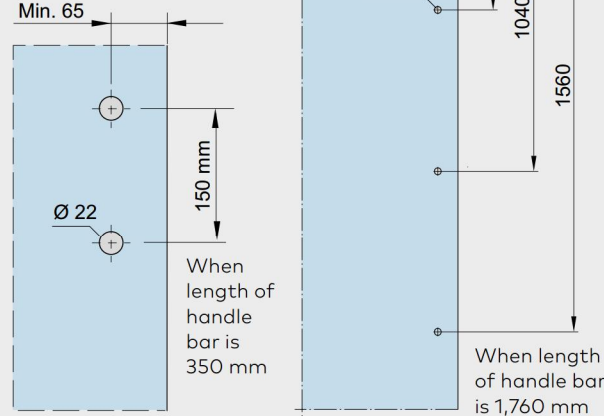
The pull handles can be fixed to both sliding and pivoting (swing) doors on one face using the appropriate connectors or on both faces by through-bolting (back-to-back arrangement).

Due to a flat structure recessed pull grips are also suitable for sliding doors.

The single-point fixings and through bolts are included as standard equipment in the scope of supply.

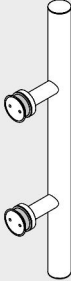

The pull handles can be fitted horizontally, vertically or in a handrail arrangement.

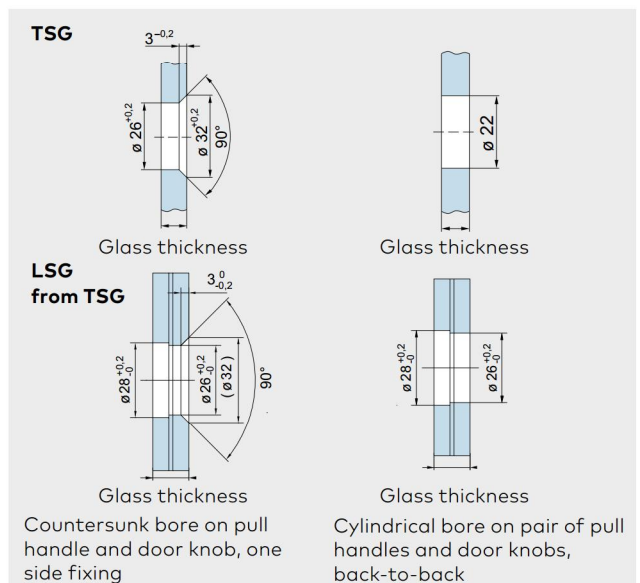
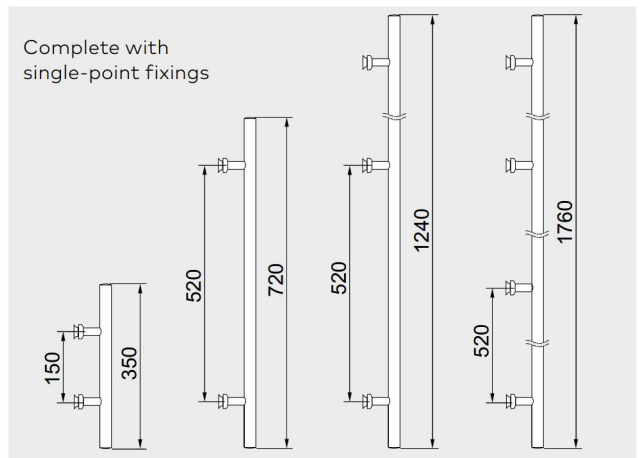
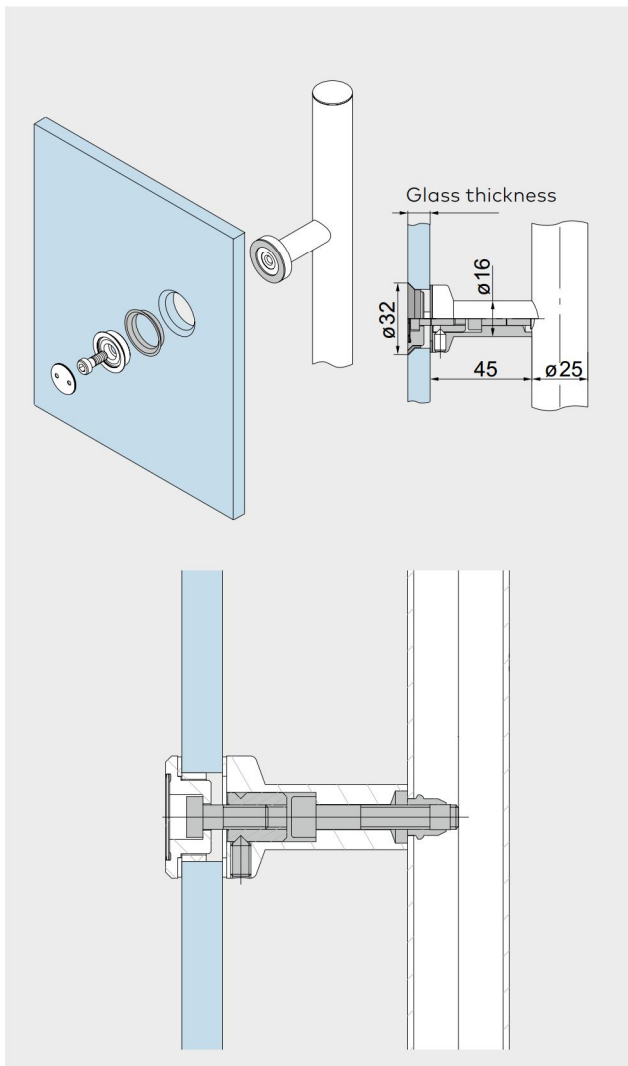


	Product description	Glass thickness	Art. No.
	<p>Pair of handle bars satin stainless steel length 350 mm, 2 fixing points, weight in kg: 1.254 material 1.4305 do., material 1.4404</p>	8/10/12 mm	21.267* 21.247
	<p>Pair of handle bars aluminum length 350 mm, 2 fixing points, weight in kg: aluminum 1.326</p>	8/10/12 mm	03.400
	<p>Pair of handle bars satin stainless steel length 720 mm, 2 fixing points, weight in kg: 1.947 material 1.4305 do., material 1.4404</p>	8/10/12 mm	21.270* 21.250
	<p>Pair of handle bars aluminum length 720 mm, 2 fixing points, weight in kg: aluminum 2.423</p>	8/10/12 mm	03.402
	<p>Pair of handle bars satin stainless steel length 1,240 mm, 3 fixing points, weight in kg: 3.400 material 1.4305 do., material 1.4404</p>	8/10/12 mm	21.273* 21.253
	<p>Pair of handle bars satin stainless steel length 1,760 mm, 4 fixing points, weight in kg: 5.000 material 1.4305 do., material 1.4404</p>	8/10/12 mm	21.276* 21.256

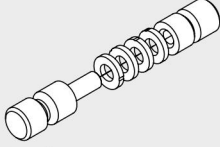
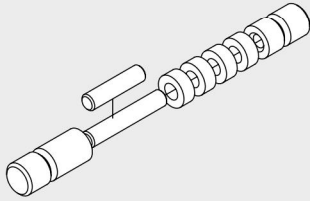
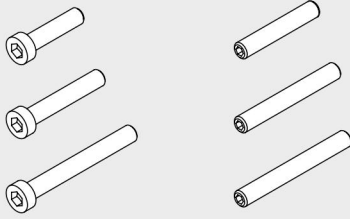
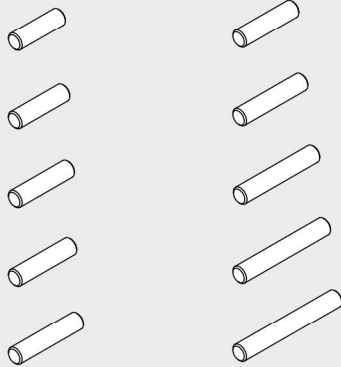
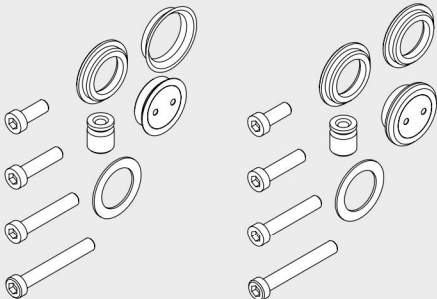
* Conversion sets for back to back pull handles for timber doors resp. other glass thicknesses see under "Spacing adjustment for pull handles and door knobs", page 183.

Pull handles single

	Product description	Glass thickness	Art. No.
	<p>Pull handles with single-point fixings, countersunk Edelstahl Pull handle 350 mm with 2 fixings, material 1.4305 do., AISI 316L 29.268 Pull handle 720 mm with 2 fixings, material 1.4305 do., AISI 316L 29.269 Pull handle 1,240 mm with 3 fixings, material 1.4305 do., AISI 316L 29.271 Pull handle 1,760 mm with 3 fixings, material 1.4305 do., AISI 316L 29.272 Pull handle 1,760 mm with 4 fixings, material 1.4305 do., AISI 316L 29.274 Pull handle 1,760 mm with 4 fixings, material 1.4305 do., AISI 316L 29.275 Pull handle 1,760 mm with 4 fixings, material 1.4305 do., AISI 316L 29.277 Pull handle 1,760 mm with 4 fixings, material 1.4305 do., AISI 316L 29.278</p>	8/10/12 mm	
	<p>Pull handles with single-point fixings, clamping disc Pull handle 350 mm with 2 fixings, material 1.4305 do., AISI 316L 21.240 Pull handle 720 mm with 2 fixings, material 1.4305 do., AISI 316L 21.241 Pull handle 1,240 mm with 3 fixings, material 1.4305 do., AISI 316L 21.281 Pull handle 1,240 mm with 3 fixings, material 1.4305 do., AISI 316L 21.242 Pull handle 1,760 mm with 4 fixings, material 1.4305 do., AISI 316L 21.243 Pull handle 1,760 mm with 4 fixings, material 1.4305 do., AISI 316L 21.283</p>	8/10/12 mm	

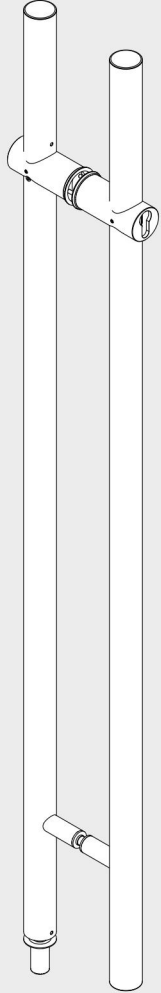


Spacing adjustment for pull handles and door knobs

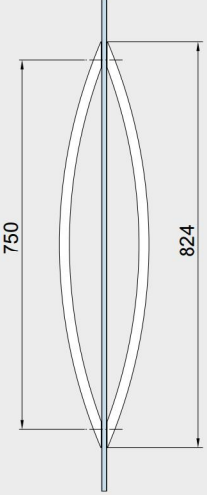
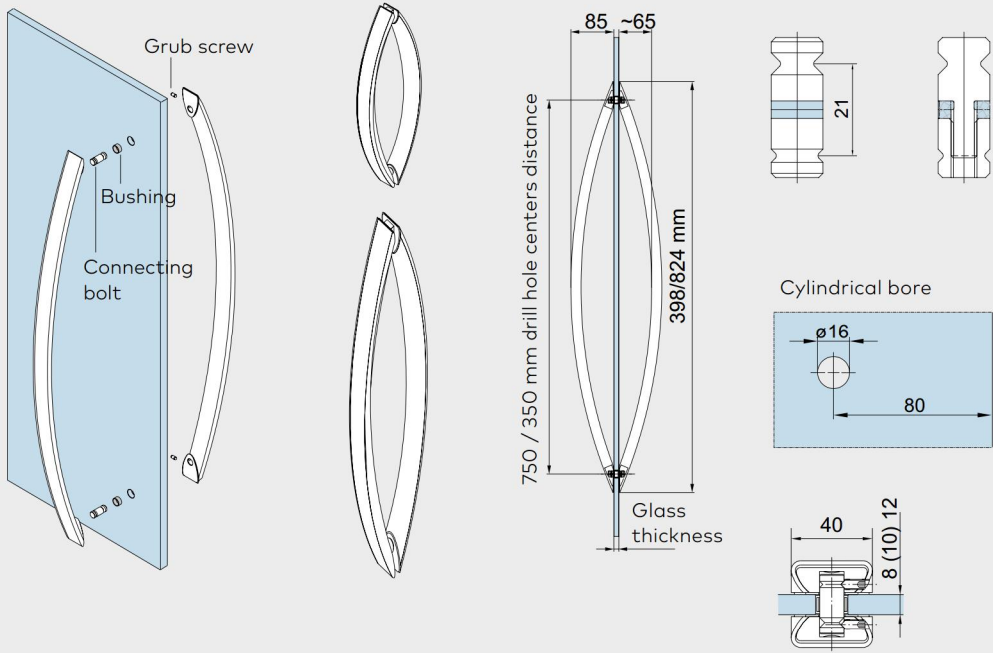
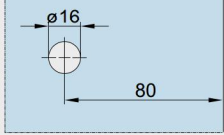
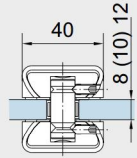
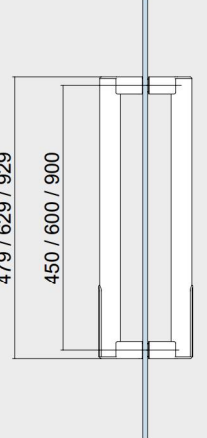
	Product description	Door thickness	Art. No.
 <p>Distance washer 2 mm</p>	Conversion set 1 for glass doors, pair of pull handles / knob back-to-back without distance washer with 1 distance washer with 2 distance washers with 3 distance washers with 4 distance washers	13.5 – 21.5 mm 13.5 mm 15 mm 17.5 mm 19 mm 21.5 mm	21.285
 <p>Distance washer 5 mm</p>	Conversion set 2 for timber doors, pair of pull handles / knob back-to-back without distance washer with 1 distance washer with 2 distance washers with 3 distance washers with 4 distance washers	20 – 40 mm 20 mm 25 mm 30 mm 35 mm 40 mm	21.286
 <p>Set 3 Set 4</p>	Conversion set 3 for glass / timber doors*, pair of pull handles / knob back-to-back, countersunk 15 - 40 mm glass / timber thickness		21.287
	Conversion set 4 for glass / timber doors*, pair of pull handles / knob back-to-back, clamping disc 15 - 40 mm glass / timber thickness		21.288
 <p>Set 5 Set 6</p>	Conversion set 5 for glass doors*, recessed pull grip 13.5 - 21.5 mm glass thickness		21.295
	Conversion set 6 for timber doors*, recessed pull grip 20 - 40 mm timber thickness		21.296
 <p>Set 7 Set 8</p>	Conversion set 7 for glass / timber doors*, for pull handles fixed on both sides to pull handle fixed on one side, countersunk 8 - 40 mm glass / timber thickness 1 set per pull handle fixing		21.297
	Conversion set 8 for glass / timber doors*, for pull handles fixed on both sides to pull handle fixed on one side, clamping disc 8 - 40 mm glass / timber thickness 1 set per pull handle fixing		21.298

*Not suitable for Arcos pull handles 26.500 / 26.510

Pair of pull handles

	Product description	Glass thickness	Art. No.
	Pair of stainless steel handlebars, lockable on both sides, prepared for standard PZ, length 1200 mm, incl. floor socket	8 – 12 mm	21.580
	Pair of stainless steel handlebars, lockable on one side, prepared for standard PZ, length 1200 mm, incl. floor socket	8 – 12 mm	21.581

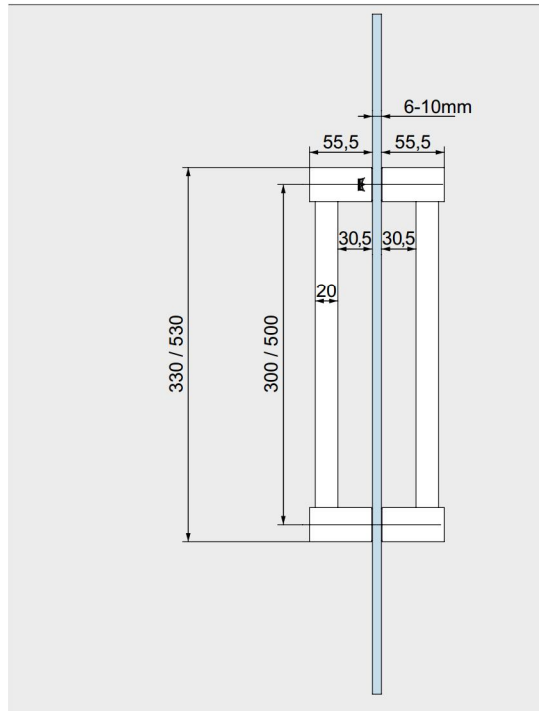
Arcos pull handle

	Product description	Glass thickness	Art. No.
	<p>Arcos pair of pull handle incl. connecting bolt Aluminium, stainless steel look</p> <p>Pull handle 350 mm with 2 fixings Pull handle 750 mm with 2 fixings</p>	<p>8/10/12 mm</p>	<p>26.500 26.510</p>
	<p>Cylindrical bore</p>  		
	<p>BEYOND pull handle Glas thickness 10 / 12 mm with 2 fixing points (through bore diameter 22 mm)</p> <p>Length 450 mm Length 600 mm Length 900 mm</p>		<p>30.300 30.305 30.310</p>

Handle bars

Product description

Art. No.

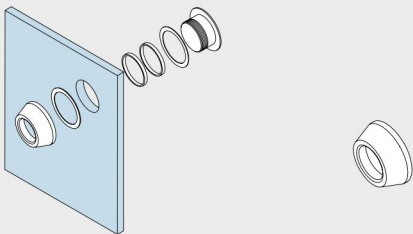
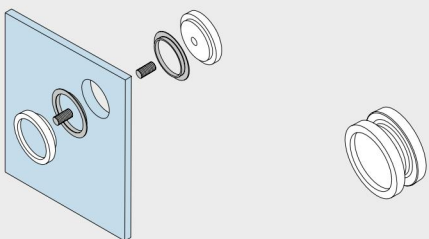
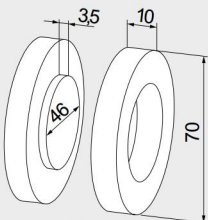
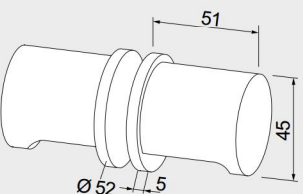
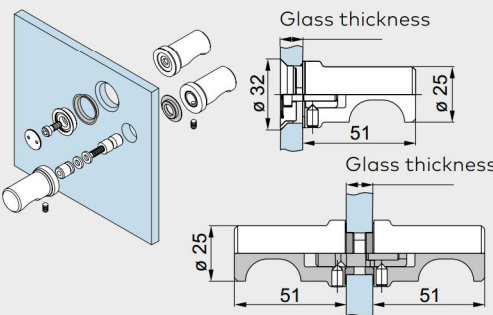
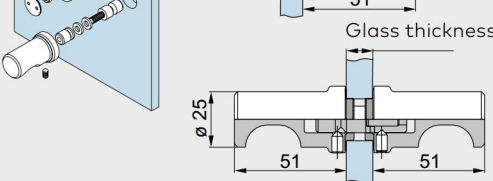


Pull handle "Quadrat"
 Glas thickness 6 - 10 mm
 with 2 fixings

Length 300 mm
 Length 500 mm

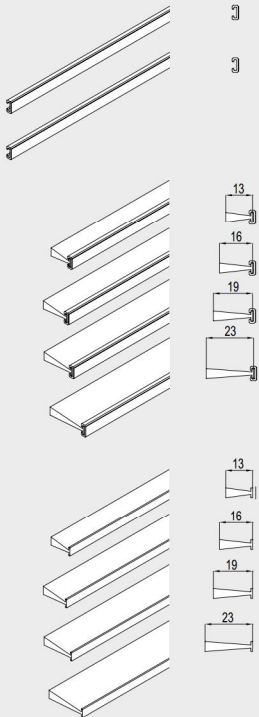
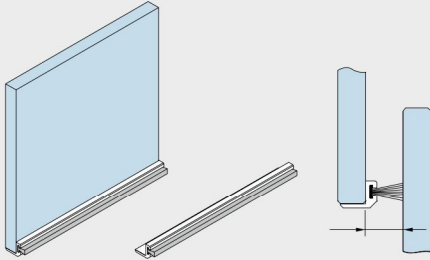
75.084
75.085

Recessed pull grips and door knobs

	Product description	Glass thickness	Art. No.
 <p>Ø 38 mm Glass bore</p>	Recessed pull grip Ø 50 mm	8/10/12 mm	21.290
 <p>Ø 50 mm Glass bore</p>	Recessed pull grip Ø 60 mm Recessed pull grip with grip hole Ø 60 mm	8/10/12 mm 8 mm 10 mm 12 mm	21.291 21.292 21.293 21.294
 <p>Ø 50 mm Glass bore</p>	Recessed pull grip aluminum to be glued onto the glass Weight in kg: 0.072		07.200
 <p>Ø 20 mm Glass bore</p>	Door knob, aluminum Weight in kg: 0.400		07.201
 <p>Single-point fixing clamping disc (Ø 22 mm)</p> <p>(Glass preparation please see under "pull handles single", page 182)</p>	Door knob one side fixing Door knob with single-point fixing, countersunk Door knob with single-point fixings, clamping disc	8/10/12 mm	21.422 21.426
	Door knob back-to-back	8/10/12 mm	21.423





Note: To ensure better load transmission, please use a pull handle in conjunction with the DORMOTION damping unit.




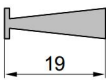

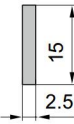
Brush seals

Brush seals for sliding doors	Product description	Art. No.
	<p>MUTO reception profile for vertical brush seals stock length: 4,500 mm</p>	36.826
	<p>fixed length up to 4,500 mm</p>	36.827
	<p>MUTO reception profile with vertical brush seals fixed length up to 4,500 mm</p>	
	<p>for 13-16 mm gap</p>	36.828
	<p>for 16-19 mm gap</p>	36.829
	<p>for 19-23 mm gap</p>	36.830
	<p>for 23-77 mm gap</p>	36.831
	<p>MUTO vertical brush seal fixed length up to 4,500 mm</p>	
	<p>for 13-16 mm gap</p>	36.860
	<p>for 16-19 mm gap</p>	36.861
<p>for 19-23 mm gap</p>	36.862	
<p>for 23-77 mm gap</p>	36.863	
	<p>MUTO vertical brush seals</p>	
	<p>for 13-16 mm gap (300 m roll)</p>	36.864 not illustr.
	<p>for 16-19 mm gap (250 m roll)</p>	36.865 not illustr.
	<p>for 19-23 mm gap (250 m roll)</p>	36.866 not illustr.
	<p>for 23-77 mm gap (150 m roll)</p>	36.867 not illustr.
<p>Aluminum brush profile similar satin stainless steel</p>		
<p>for gap size 14-18mm stock length 3,000 mm</p>	07.402	
<p>fixed length up to 6,000 mm</p>	07.403	
<p>for gap size 10,5-13mm stock length 3,000 mm</p>	07.400	
<p>fixed length up to 6,000 mm</p>	07.401	

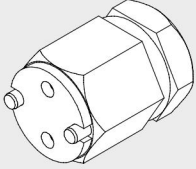
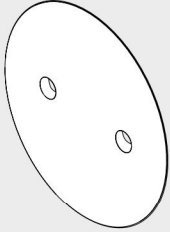
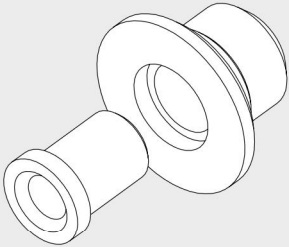
15.5 for 8 mm glass
13.5 for 10 mm glass
11.5 for 12 mm glass

Profile overview - seal system

Product description		Product description	
	Tubular seal (Art. No. 15.508, for doors that close against the wall, and for double-panel/biparting systems)		Brush
	Brush reception profile		Flat alu section (by others)

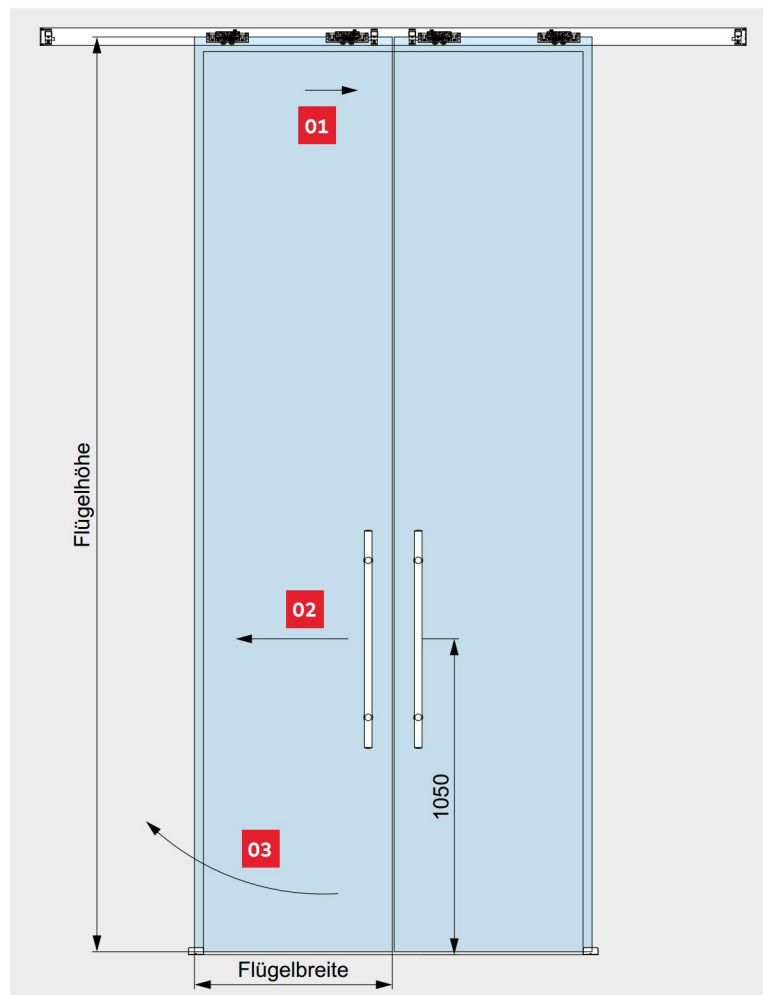
Application of profiles						
MUTO Comfort M 60						
at wall	●	●				
at ceiling	●	●				
at ceiling with side light	●	●				
MUTO Comfort L 80						
at wall	●	●				●
at ceiling	●		●			
at ceiling with side light	●		●			
at glass	●		●			
MUTO Premium XL 80/150 MUTO Premium Self-Closing 120						
at wall	●		●			●
at ceiling	●			●		
at ceiling with side light	●			●		
at glass	●			●		
MUTO Premium Telescopic 80						
at wall						
glass thickness: 8–10 mm	2X	●			●	●
glass thickness: 10–12 mm	2X	●			●	●
glass thickness: 12–13.5 mm	2X	●		●		●
at ceiling with side light						
glass thickness: 8–10 mm	2X		●		●	
glass thickness: 10–12 mm	2X		●		●	
glass thickness: 12–13.5 mm	2X		●	●		
at glass						
glass thickness: 8–10 mm	2X		●		●	
glass thickness: 10–12 mm	2X		●		●	
glass thickness: 12–13.5 mm	2X		●	●		

Accessories / Assembling aid

	Product description	Art. No.
	Assembling tool for MANET single-point fixing	21.134
	Clip-on cover for single-point fixing with spring, 5 pieces material 1.4305 do.material 1.4404	29.217 29.219
	Drilling jig for MANET single-point fixing serie S32/35	21.137

Tips and tricks

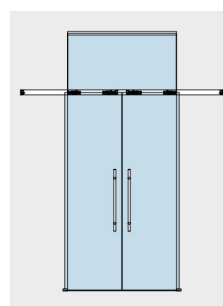
Sliding panel with unfavourable aspect ratio



Excessively high sliding panels in relation to the panel width can lead to unpleasant handling and malfunction due to physical reasons (recommendation of the aspect ratio: between 1:2 and 1:3).

- 01** The door is to be moved by means of a handle.
- 02** End stop, Dormotion unit and synchro function brake the panel within the track.
- 03** The door only moves down in the corresponding direction (door rotates)

This problem can be slightly improved by increasing the glass thickness and thus increasing the mass (weight) of the panel.



We recommend in such cases to use the application on glass and to use an overpanel. This reduces the door height and improves the aspect ratio.

Space for your notes

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 informed about relevant points mentioned in these safety-related information and the mounting and operating instructions!

General information

1. dormakaba recommends using TSG-H (heat soaked toughened safety glass) to DIN EN 12150-1.
2. dormakaba glass fittings are not suitable for application in rooms where chemicals (e. g. chlorine) are used such as indoor swimming pools, saunas or salt-water pools.
3. Never move sliding panels faster than walking speed and always stop the door manually before it reaches end position.
4. Do not shut swing doors with excessive force. Install door stop to prevent door from opening too far.

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. Due to crushing hazards – among others in the area of the secondary closing edge – and possible injury caused by breakage of glass during mounting, corresponding protective clothing (especially gloves and protective goggles) is required.
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 satined 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 fractures)!

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 surfaces (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.

For practical planning, please use our drawings dormakaba DETAIL.

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.

Our products



Interior Glass Systems

System solutions made from glass for a wide range of everyday and office applications



Mechanical Key Systems

Systems that enable access rights and key control to all rooms within the premises



Lodging Systems

Hotel locks and locking systems as well as access management solutions for holiday homes



Electronic Access & Data

Electronic access control and workforce management for efficient access management, security and data collection



Entrance Systems

Automated access solutions for convenient access to buildings



Door Hardware

Solutions for residential or commercial projects



Safe Locks

Security locks for preventing unauthorized access to goods, valuables, information or hazardous substances



Services

Tailor-made services and customized maintenance for long-term functional integrity of access and security solutions

