

Besam Automatic Door System – Slim & Slim Thermo



Slim & Slim Thermo

The base version of the Besam Slim automatic door system is also available in telescopic, break-out, and reverse break-out models. The system consists of doors, operator, safety units and, if required, side screens and overlights. Available for beam- or wall mounting and supplied as bi-parting and single-sliding, all models can be tailored to individual customer requirements.

Slim & Slim Thermo Telescopic

Telescopic maximizes the opening width of narrow passages, providing an impressive solution when space is limited.

Slim Break-out and Slim Reverse Break-out

Slim Break-out enables the doors and side screens to swing outward in an emergency, allowing exit through the entire door and side-screen space. Slim Reverse Break-out performs the same way with the doors swinging inward.

Safety features

An integrated activation and presence detection system enhances safety for users by detecting people or objects in the doorway, preventing the door from closing until it is safe to do so.

General Accessories and Options

Profile type:

- Slim
- Slim Thermo

Profile finish:

- anodized aluminium, colour on request
- painted in colour according to RAL card

Glass type:

- 8, 10 or 12 mm laminated
- 8, or 10 mm tempered
- 22 mm insulated (Slim Thermo profile only)

Glass finish: clear, green, bronze, opaque

Overlight (beam mounted only)

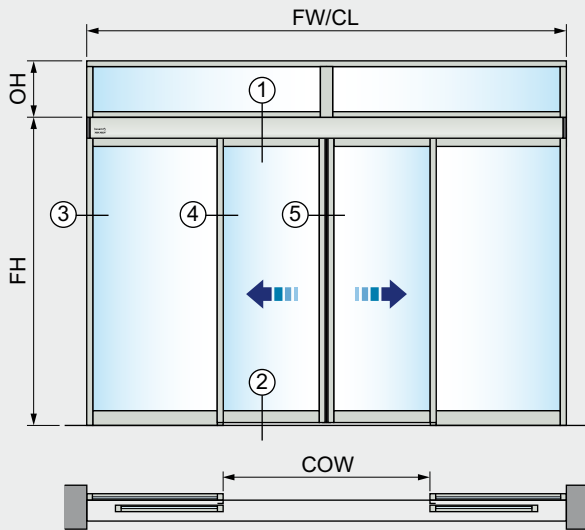
Side screens

Mechanical lock

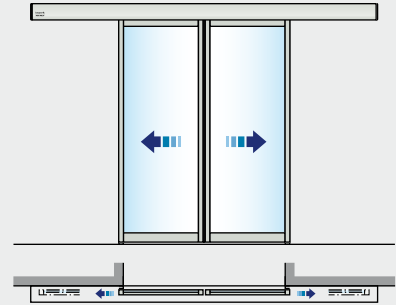
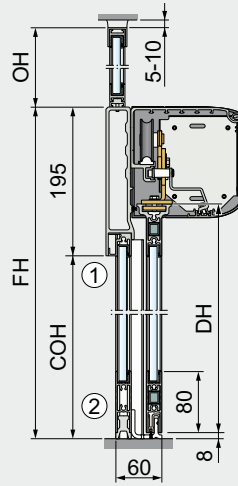
Sustainability

Besam's automatic door systems can reduce the amount of energy needed to heat or cool a building, resulting in lower costs and a smaller carbon footprint for customers. The Besam Slim & Slim Thermo can be fitted with optional extra tight-fitting brushes and additional sensors for fine-tuning opening and closing times, further enhancing its energy-saving capabilities. Regular maintenance helps insure top performance and extends the life of the equipment, reducing its impact on the environment.

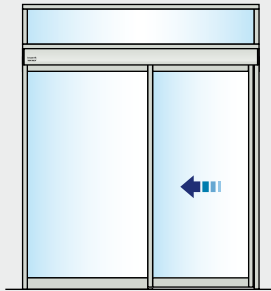




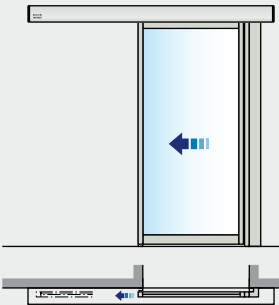
Bi-parting with side screens and overlight, beam mounted



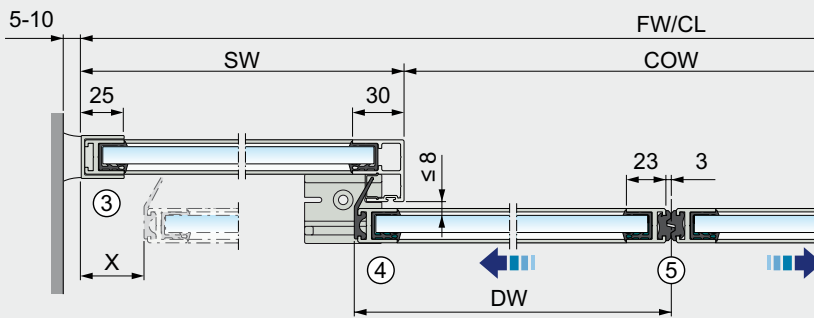
Bi-parting without side screens



Single sliding with side screen and overlight (left opening shown)



Single sliding without side screen (left opening shown)



- | | |
|---------------------------|----------------------------|
| FW = Frame width | COH = Clear opening height |
| FH = Frame height | DW = Door leaf width |
| OH = Overlight height | DH = Door leaf height |
| CL = Cover length | SW = Side screen width |
| COW = Clear opening width | X = Safety distance |

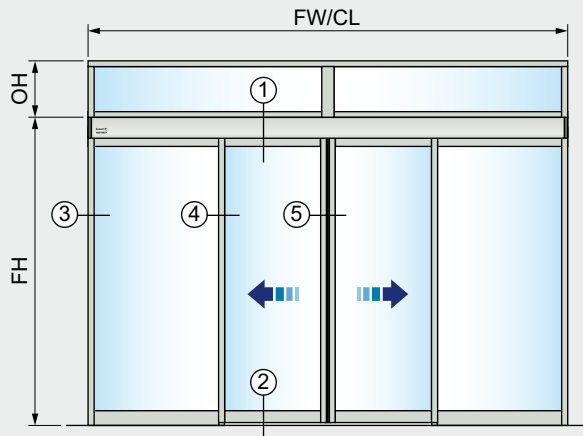
Technical Data Besam Slim

The below measures are formally certified by third party laboratories.
For special applications, other sizes can be delivered on request.

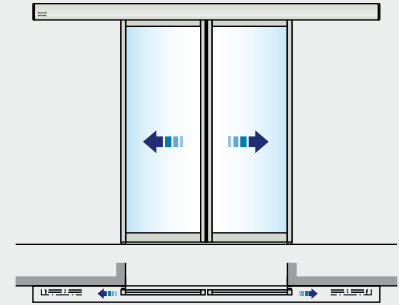
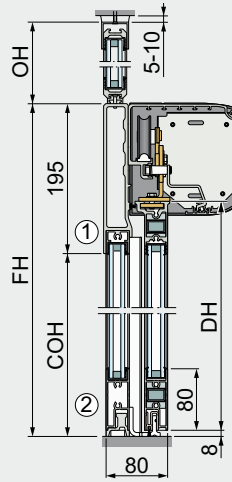
Glass	Single sliding				Single sliding with side screen wall mounted				Single sliding with side screen beam mounted			
	FHmin	FHmax	FWmin	FWmax	FHmin	FHmax	FWmin	FWmax	FHmin	FHmax	FWmin	FWmax
8	1900	3000	900	1500	1950	3000	1800	3000	2100	3150	1800	3000
10	1900	3000	900	1500	1950	3000	1800	3000	2100	3150	1800	3000
12	1900	3000	900	1500	1950	3000	1800	3000	2100	3150	1800	3000

Glass	Bi-parting				Bi-parting with side screens wall mounted				Bi-parting with side screens beam mounted			
	FHmin	FHmax	FWmin	FWmax	FHmin	FHmax	FWmin	FWmax	FHmin	FHmax	FWmin	FWmax
8	1900	3000	900	3000	1950	3000	1800	6000	2100	3150	1800	6000
10	1900	3000	900	2580	1950	3000	1800	5300	2100	3150	1800	5300
12	1900	3000	900	2180	1950	3000	1800	4500	2100	3150	1800	4500

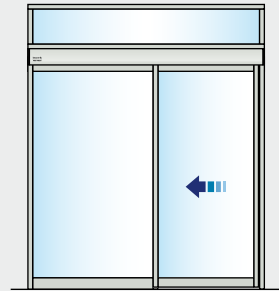
For information about the operator, see UniSlide product sheet.



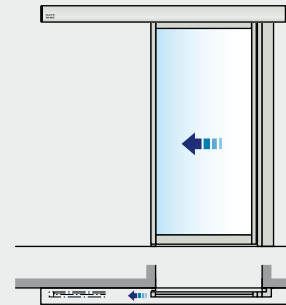
Bi-parting with side screens and overhead, beam mounted



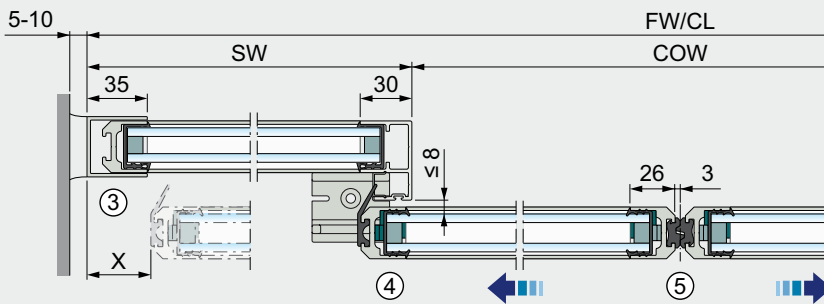
Bi-parting without side screens



Single sliding with side screen and overhead (left opening shown)



Single sliding without side screen (left opening shown)



- | | | | |
|-----|-----------------------|-----|------------------------|
| FW | = Frame width | COH | = Clear opening height |
| FH | = Frame height | DW | = Door leaf width |
| OH | = Overlight height | DH | = Door leaf height |
| CL | = Cover length | SW | = Side screen width |
| COW | = Clear opening width | X | = Safety distance |

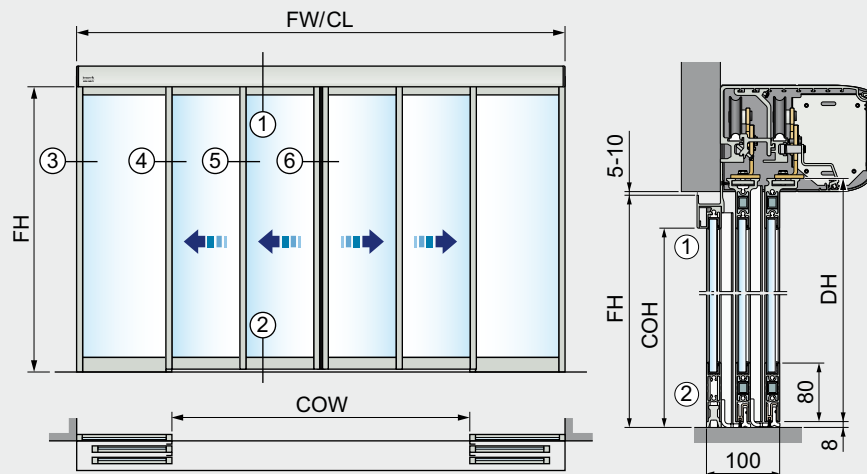
Technical Data Besam Slim Thermo

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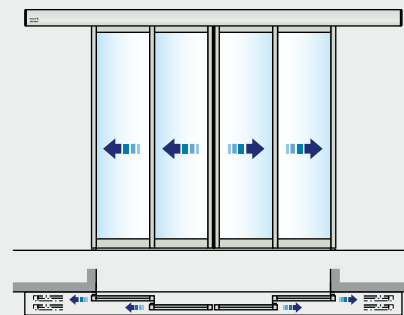
Glass	Single sliding				Single sliding with side screen wall mounted				Single sliding with side screen beam mounted			
mm	FHmin	FHmax	FWmin	FWmax	FHmin	FHmax	FWmin	FWmax	FHmin	FHmax	FWmin	FWmax
6/10/6	1900	3000	900	1500	1950	3000	1800	3000	2100	3150	1800	3000

Glass	Bi-parting				Bi-parting with side screens wall mounted				Bi-parting with side screens beam mounted			
mm	FHmin	FHmax	FWmin	FWmax	FHmin	FHmax	FWmin	FWmax	FHmin	FHmax	FWmin	FWmax
6/10/6	1900	3000	900	2130	1950	3000	1800	4430	2100	3150	1800	4430

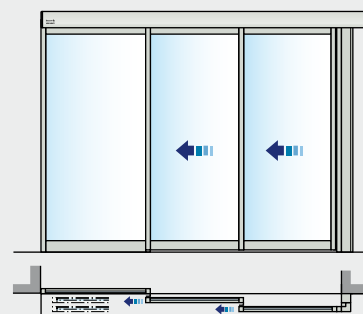
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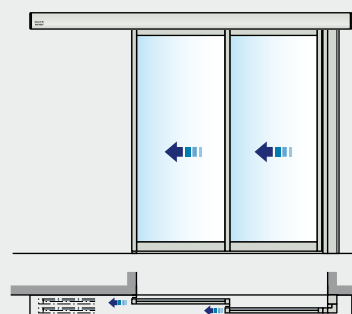
Telescopic bi-parting with side screens, wall mounted



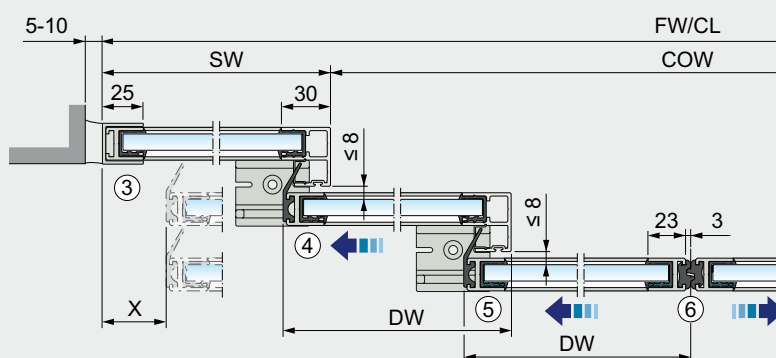
Telescopic bi-parting without side screens



Telescopic single sliding with side screen (left opening shown)



Telescopic single sliding without side screen (left opening shown)



- FW = Frame width
- FH = Frame height
- CL = Cover length
- COW = Clear opening width
- COH = Clear opening height
- DW = Door leaf width
- DH = Door leaf height
- SW = Side screen width
- X = Safety distance

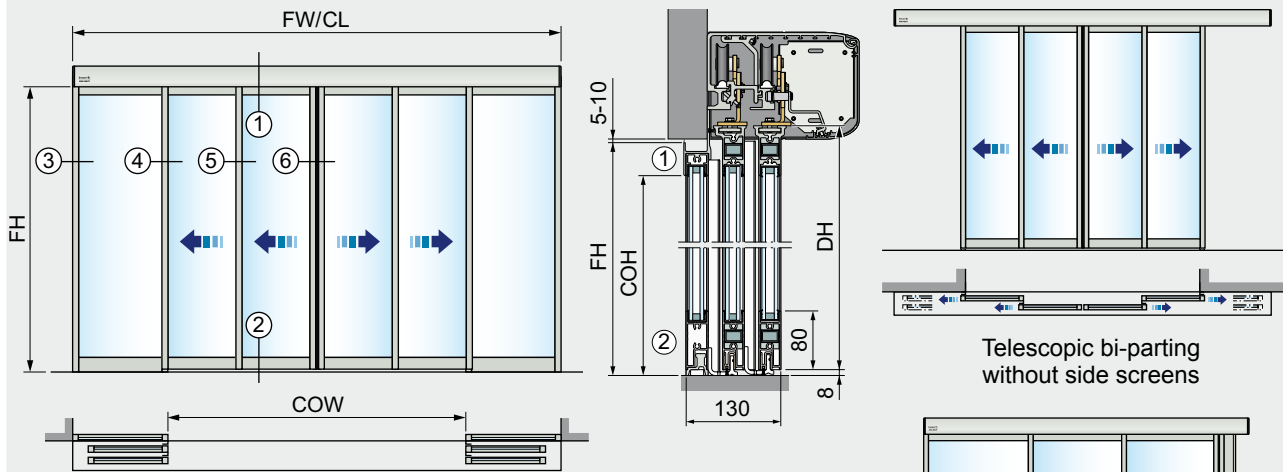
Technical Data Besam Slim Telescopic

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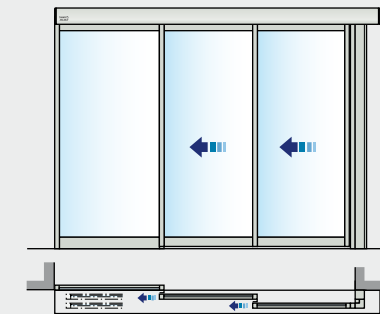
Glass	Single sliding				Single sliding with side screen wall mounted				Single sliding with side screen beam mounted			
mm	FHmin	FHmax	FWmin	FWmax	FHmin	FHmax	FWmin	FWmax	FHmin	FHmax	FWmin	FWmax
8	1900	3000	1000	2800	1950	3000	1600	4800	2100	3150	1600	4800
10	1900	3000	1000	2570	1950	3000	1600	3920	2100	3150	1600	3920
12	1900	3000	1000	2160	1950	3000	1600	3310	2100	3150	1600	3310

Glass	Bi-parting				Bi-parting with side screens wall mounted				Bi-parting with side screens beam mounted			
mm	FHmin	FHmax	FWmin	FWmax	FHmin	FHmax	FWmin	FWmax	FHmin	FHmax	FWmin	FWmax
8	1900	3000	1600	3600	1950	3000	2800	5500	2100	3150	2800	5500
10	1900	3000	1600	3600	1950	3000	2800	5500	2100	3150	2800	5500
12	1900	3000	1600	3420	1950	3000	2800	5300	2100	3150	2800	5300

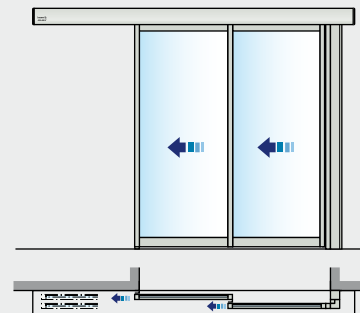
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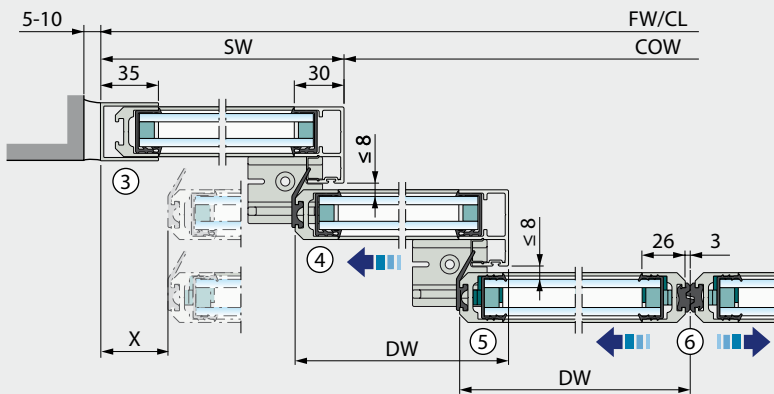
Telescopic bi-parting with side screens, wall mounted



Telescopic single sliding with side screen (left opening shown)



Telescopic single sliding without side screen (left opening shown)



- | | | | | | |
|-----|---|----------------------|----|---|-------------------|
| FW | = | Frame width | DW | = | Door leaf width |
| FH | = | Frame height | DH | = | Door leaf height |
| CL | = | Cover length | SW | = | Side screen width |
| COW | = | Clear opening width | X | = | Safety distance |
| COH | = | Clear opening height | | | |

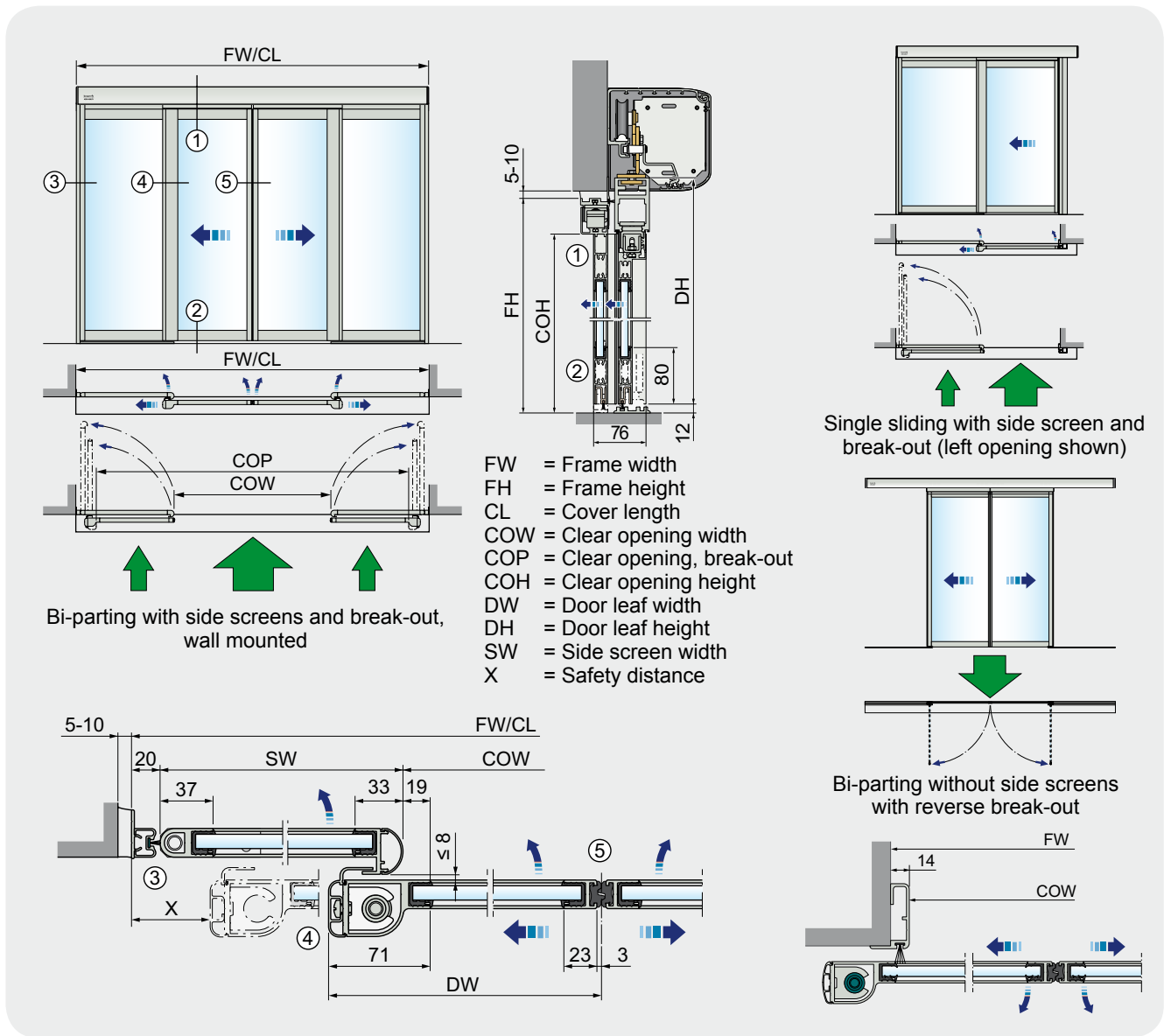
Technical Data Besam Slim Thermo Telescopic

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Glass	Single sliding 2 sliding doors				Single sliding with side screen wall mounted				Single sliding with side screen beam mounted			
	mm	FHmin	FHmax	FWmin	FWmax	FHmin	FHmax	FWmin	FWmax	FHmin	FHmax	FWmin
6/10/6	1900	3000	1000	2130	1950	3000	1600	3280	2100	3150	1600	3280

Glass	Bi-parting 4 sliding doors				Bi-parting with side screens wall mounted				Bi-parting with side screens beam mounted			
	mm	FHmin	FHmax	FWmin	FWmax	FHmin	FHmax	FWmin	FWmax	FHmin	FHmax	FWmin
6/10/6	1900	3000	1600	3360	1950	3000	2800	5200	2100	3150	2800	5200

For information about the operator, see UniSlide product sheet.



Technical Data Besam Slim Break-out Besam Slim Reverse Break-out

The below measures are formally certified by third party laboratories.
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	Slim Break-out				Slim Reverse Break-out			
Glass	Single sliding with side screen wall mounted				Single sliding without side screen wall mounted			
mm	FHmin	FHmax	FWmin	FWmax	FHmin	FHmax	FWmin	FWmax
8	2000	2500	1950	2670	2000	2500	930	1230
10	2000	2500	1950	2530	2000	2500	930	1200
12	2000	2500	1950	2330	2000	2500	930	1100
Glass	Bi-parting with side screens wall mounted				Bi-parting without side screens wall mounted			
mm	FHmin	FHmax	FWmin	FWmax	FHmin	FHmax	FWmin	FWmax
8	2000	2500	2200	4400	2000	2500	930	2430
10	2000	2500	2200	4400	2000	2500	930	2380
12	2000	2500	2200	4400	2000	2500	930	2180

For information about the operator, see UniSlide product sheet.

This equipment should be installed, regularly inspected, maintained and serviced by trained and authorized personnel.
 Preventive maintenance plans are highly recommended for a proper and safe operation.
 Talk to your Besam representative to learn more about Besam Pro-Active Care!



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