

Automatic Sliding Door System Besam Slim

ASSA ABLOY

ASSA ABLOY Entrance Systems

The global leader in
door opening solutions



The base version of the Besam Slim automatic door system is also available in telescopic, break-out, and reverse break-out models

Slim & Slim Thermo

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 Telescopic & 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.

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

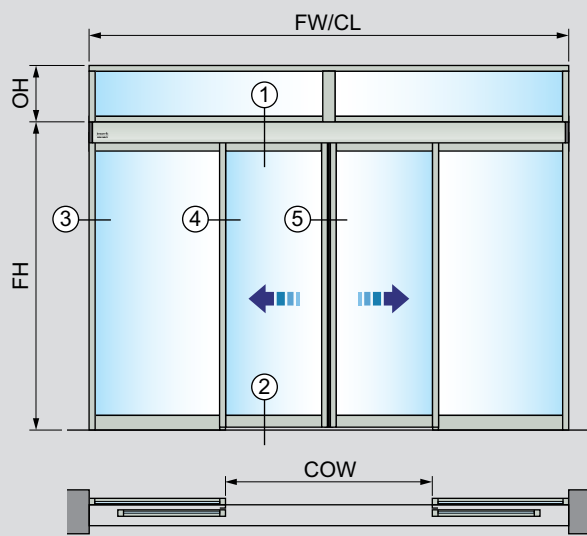
Mechanical lock

Safety features

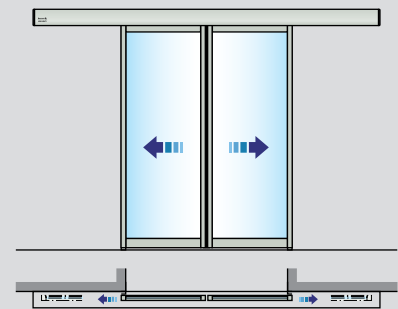
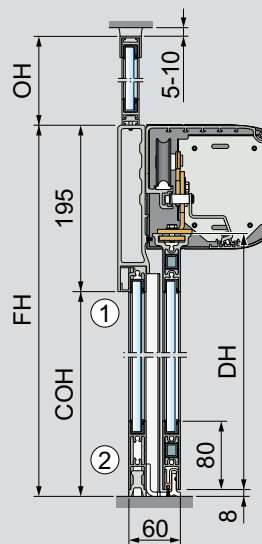
An integrated activation and presence detection system enhances safety for users by detecting people or objects in the doorway, preventing the door from closing until it is safe to do so.

Sustainability

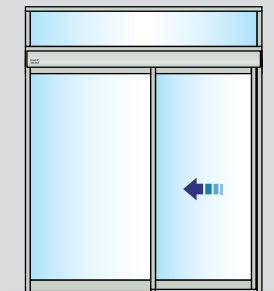
Besam's automatic door systems can reduce the amount of energy needed to heat or cool a building, resulting in lower costs and a smaller carbon footprint for customers. The Besam Slim & Slim Thermo can be fitted with optional extra tight-fitting brushes and additional sensors for fine-tuning opening 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.



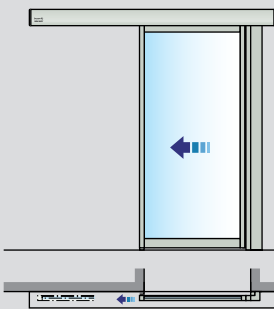
Bi-parting with side screens and overhead, beam mounted



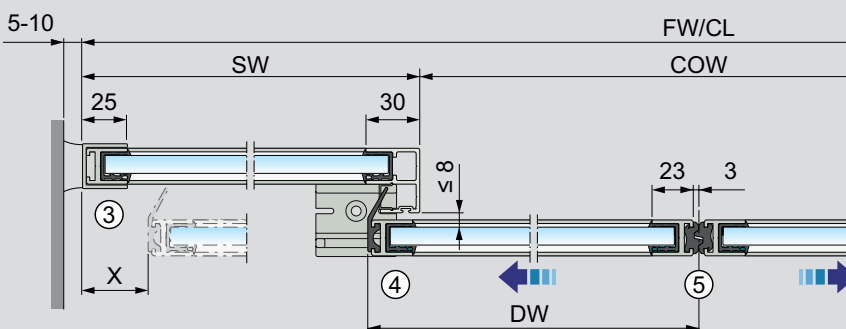
Bi-parting without side screens



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	=	Overhead height	DH	=	Door leaf height
CL	=	Cover length	SW	=	Side screen width
COW	=	Clear opening width	X	=	Safety distance

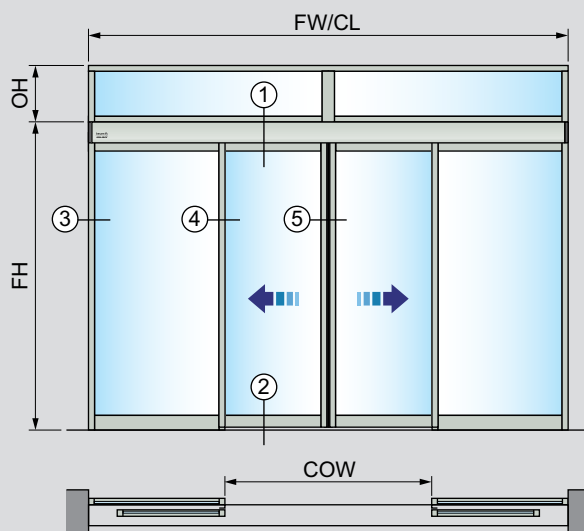
Technical Data Besam Slim

The below measures are formally certified by third party laboratories.

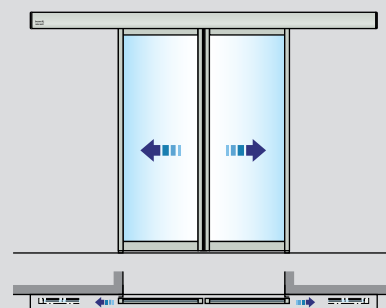
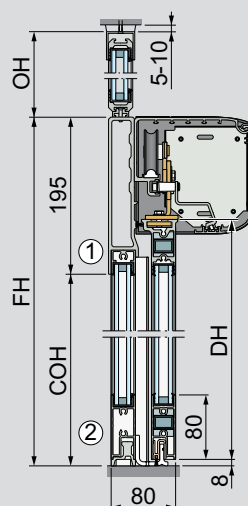
For special applications, other sizes can be delivered on request.

Glass	Single sliding				Single sliding with side screen wall mounted				Single sliding with side screen beam mounted			
mm	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			
mm	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

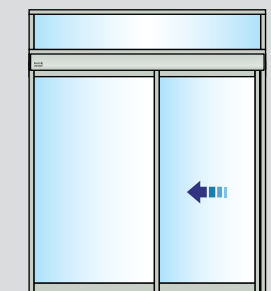
For information about the operator, see Besam UniSlide/SL500 product sheet.



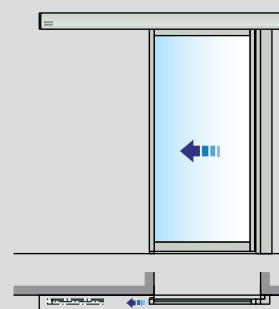
Bi-parting with side screens and overhead, beam mounted



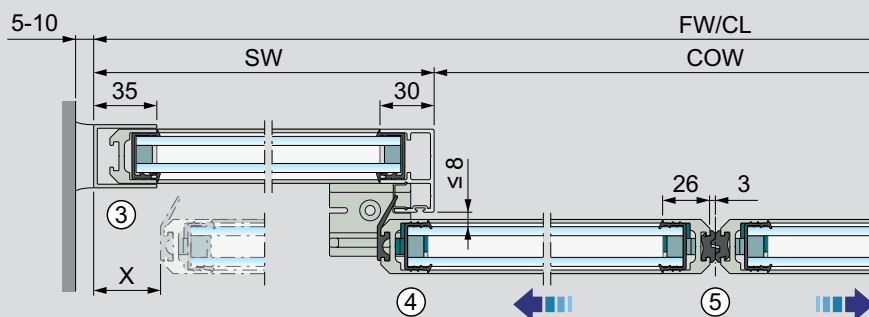
Bi-parting without side screens



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



Single sliding without side screen (left opening shown)



FW = Frame width
FH = Frame height
OH = Overlight 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

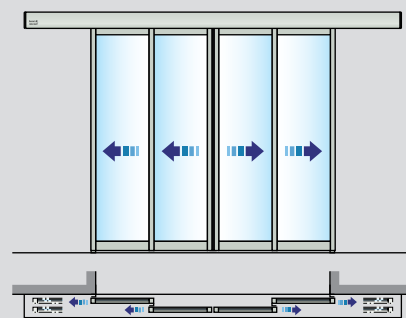
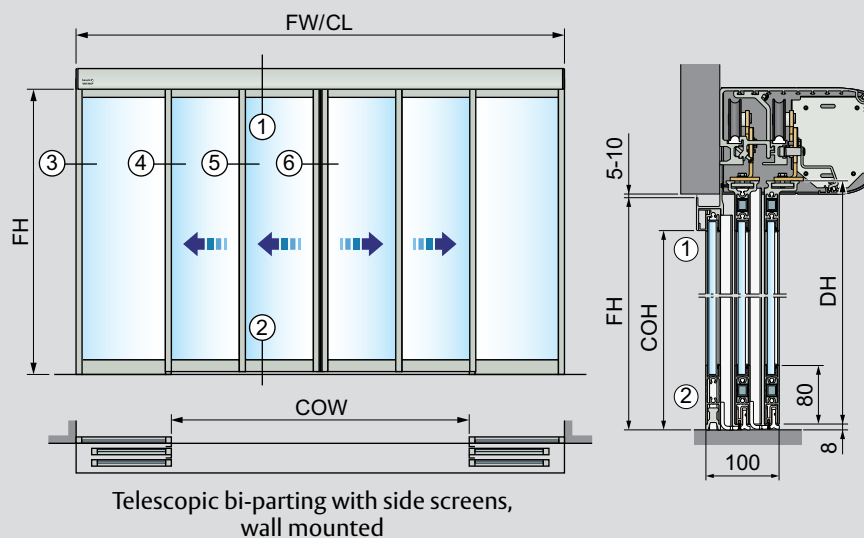
Technical Data Besam Slim Thermo

The below measures are formally certified by third party laboratories.

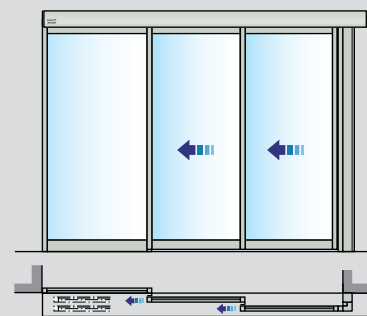
For special applications, other sizes can be delivered on request.

Glass	Single sliding				Single sliding with side screen wall mounted				Single sliding with side screen beam mounted			
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

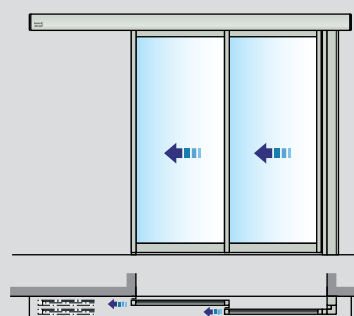
For information about the operator, see Besam UniSlide/SL500 product sheet.



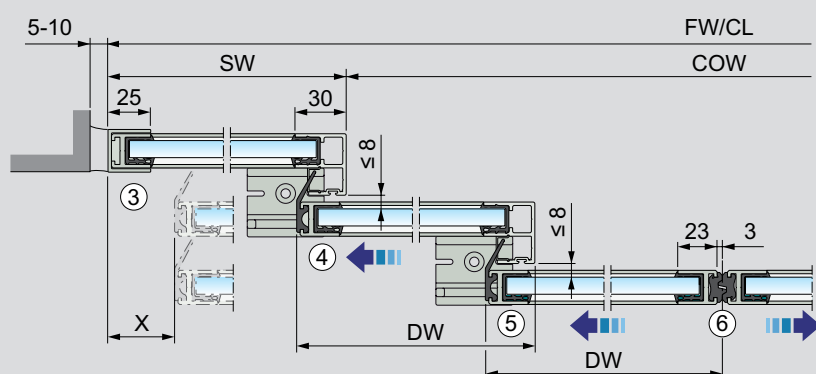
Telescopic bi-parting without side screens



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

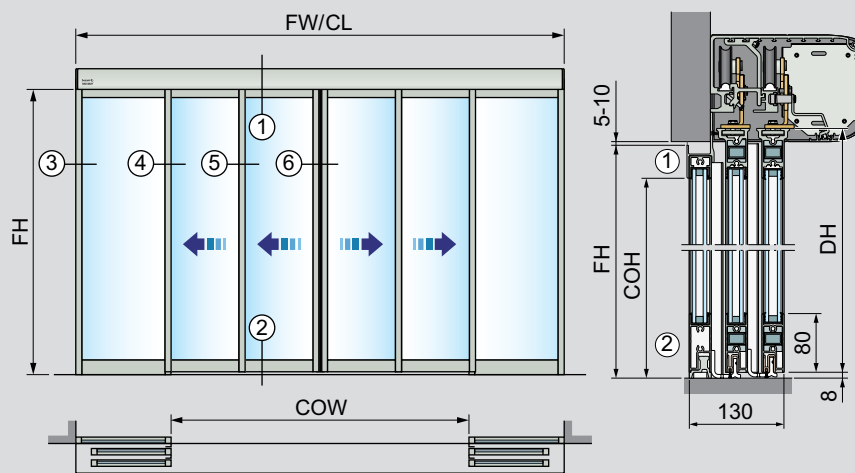
Technical Data Besam Slim Telescopic

The below measures are formally certified by third party laboratories.

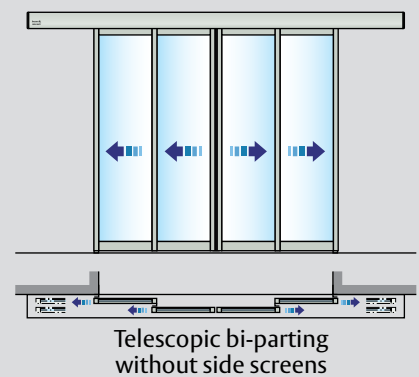
For special applications, other sizes can be delivered on request.

Glass	Single sliding				Single sliding with side screen wall mounted				Single sliding with side screen beam mounted			
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

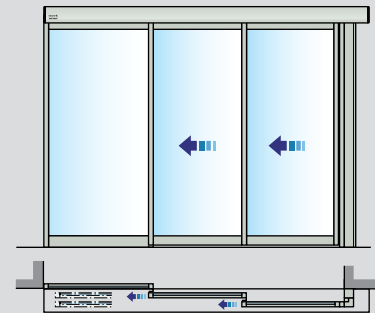
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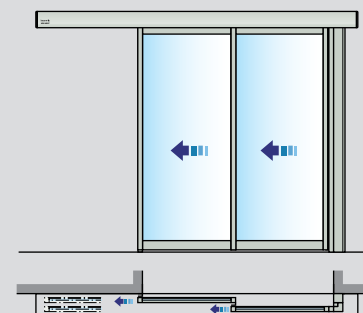
Telescopic bi-parting with side screens, wall mounted



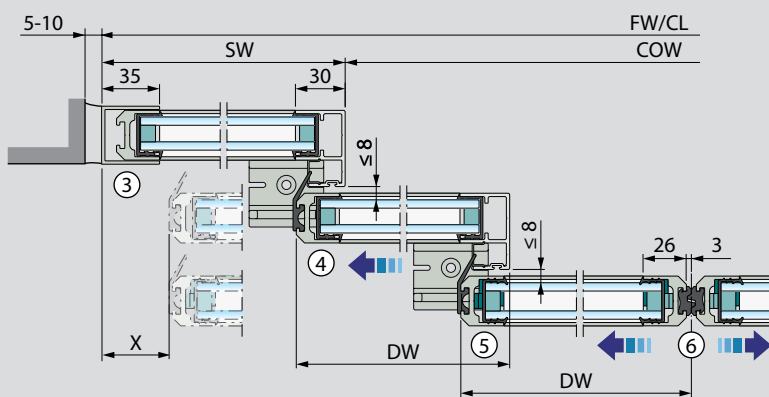
Telescopic bi-parting without side screens



Telescopic single sliding with side screen (left opening shown)



Telescopic single sliding without side screen (left opening shown)



FW	=	Frame width	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

The below measures are formally certified by third party laboratories.

For special applications, other sizes can be delivered on request.

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	FWmax
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	FWmax
6/10/6	1900	3000	1600	3360	1950	3000	2800	5200	2100	3150	2800	5200

For information about the operator, see Besam UniSlide/SL500 product sheet.

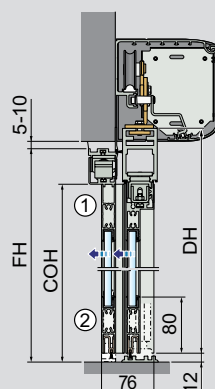


Diagram illustrating a single sliding window with a side screen and break-out. The top part shows the window in its closed position. The bottom part shows the window with the side screen extended, and a dashed arrow indicates the break-out path. Two green arrows point upwards towards the window frame.

A diagram showing a double door with two panels. A green arrow points downwards from the center of the door to a dashed line representing a floor level.

Technical drawing of a door handle assembly. The drawing shows a side view of the handle with dimensions in millimeters. Key dimensions include: 5-10 (top left), 20 (top left), 37 (top left), 33 (top right), 19 (top right), 8 (top right), 71 (bottom center), 23 (bottom right), and 3 (bottom right). Labels include: FW/CL (top right), SW (top center), COW (top right), X (middle left), DW (bottom center), and ⑤ (bottom right). Arrows indicate movement or force: a blue arrow pointing up on the handle, a blue arrow pointing down on the handle, and blue arrows pointing left and right on the handle.

For information about the operator, see Besam UniSlide/SL500 product sheet.

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