

# Automatic Sliding Door System Besam Frame

ASSA ABLOY

ASSA ABLOY Entrance Systems

The global leader in  
door opening solutions



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

#### **Frame & Frame Thermo**

Its rugged design makes it particularly suitable for high-traffic entrances. 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.

#### **Frame & Frame Thermo Telescopic**

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

#### **Frame Break-out and Frame Reverse Break-out**

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

## Accessories and Options

### Profile type:

- Frame
- Frame Thermo (thermally broken profile)

### Profile finish:

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

### Glass type:

- 6 or 8 mm laminated (Frame only)
- 6 or 8 mm tempered (Frame only)
- 22 or 40 mm insulated glass

### Glass finish: clear, green, bronze, opaque

### Overlight (beam mounted only)

### Side screens

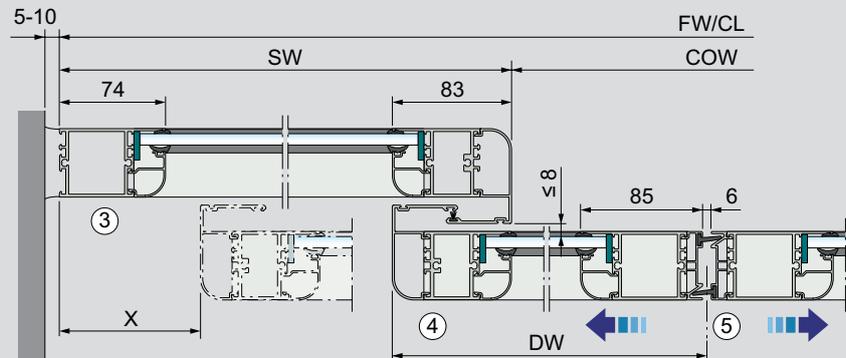
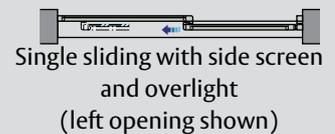
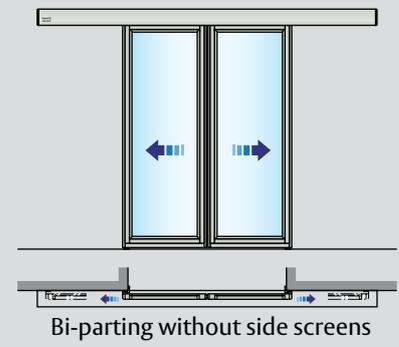
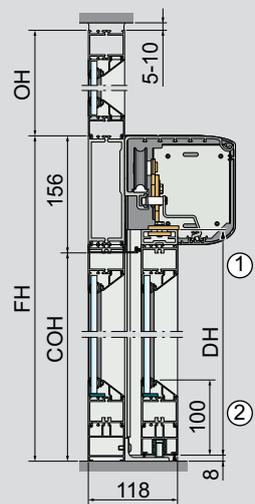
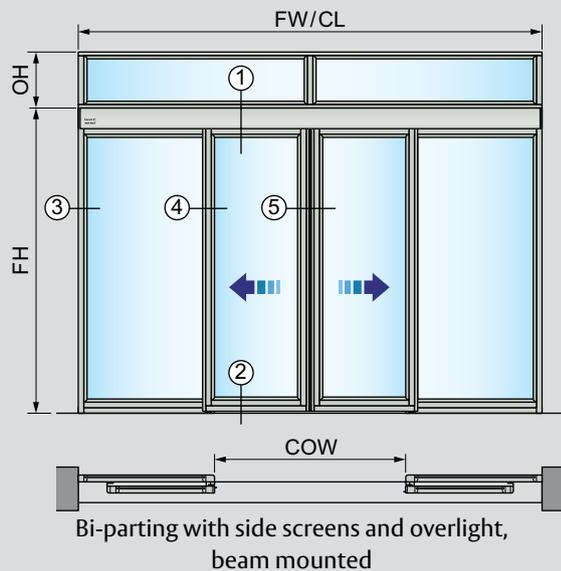
### Mechanical lock

## 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 Frame can be fitted with optional 22 and 40 mm thermo glass, thermally broken profiles, 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.



- 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 Frame

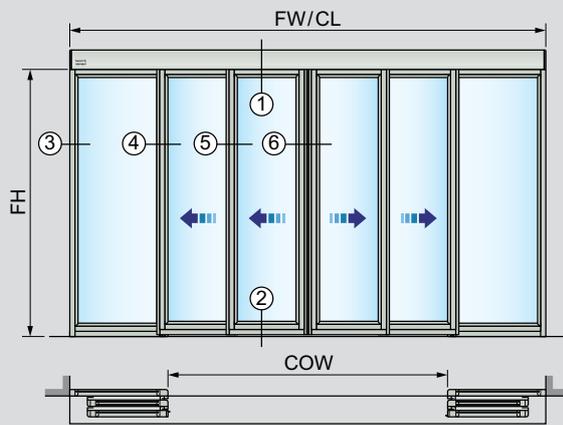
The below measures are formally certified by third party laboratories.  
For special applications, other sizes can be delivered on request.

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
6	1900	3000	900	1500	1900	3000	2000	3000	2050	3150	2000	3000
8	1900	3000	900	1500	1900	3000	2000	3000	2050	3150	2000	3000
22	1900	3000	900	1500	1900	3000	2000	3000	2050	3150	2000	3000
40	1900	3000	900	1500	1900	3000	2000	3000	2050	3150	2000	3000

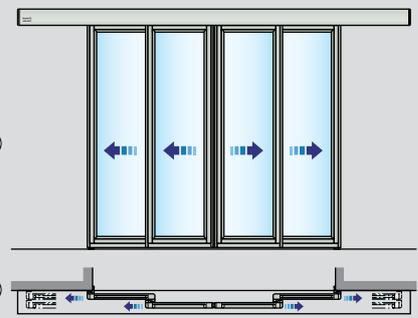
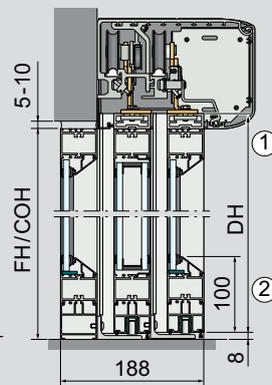
  

Glass	Bi-parting				Bi-parting with side screens wall mounted				Bi-parting with side screens beam mounted			
	FHmin	FHmax	FWmin	FWmax	FHmin	FHmax	FWmin	FWmax	FHmin	FHmax	FWmin	FWmax
6	1900	3000	900	3000	1900	3000	2000	6000	2050	3150	2000	6000
8	1900	3000	900	2850	1900	3000	2000	6000	2050	3150	2000	6000
22	1900	3000	900	2000	1900	3000	2000	4300	2050	3150	2000	4300
40	1900	3000	900	1550	1900	3000	2000	3400	2050	3150	2000	3400

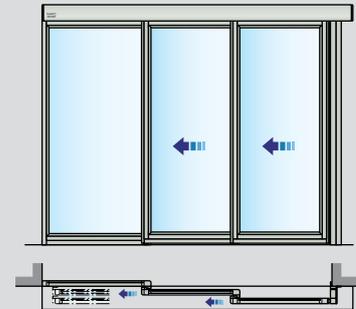
For information about the operator, see Besam UniSlide/SL500 product sheet.



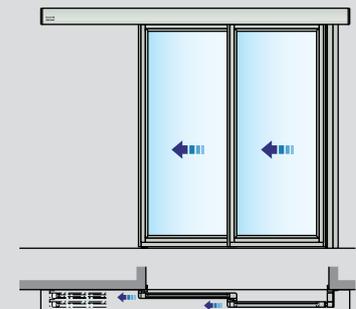
Telescopic bi-parting with side screens, wall mounted



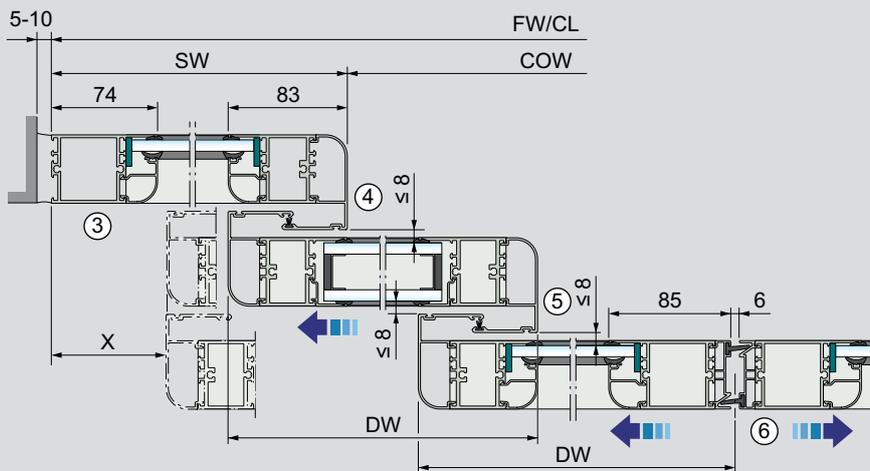
Telescopic bi-parting without side screens



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 |    |   |                   |

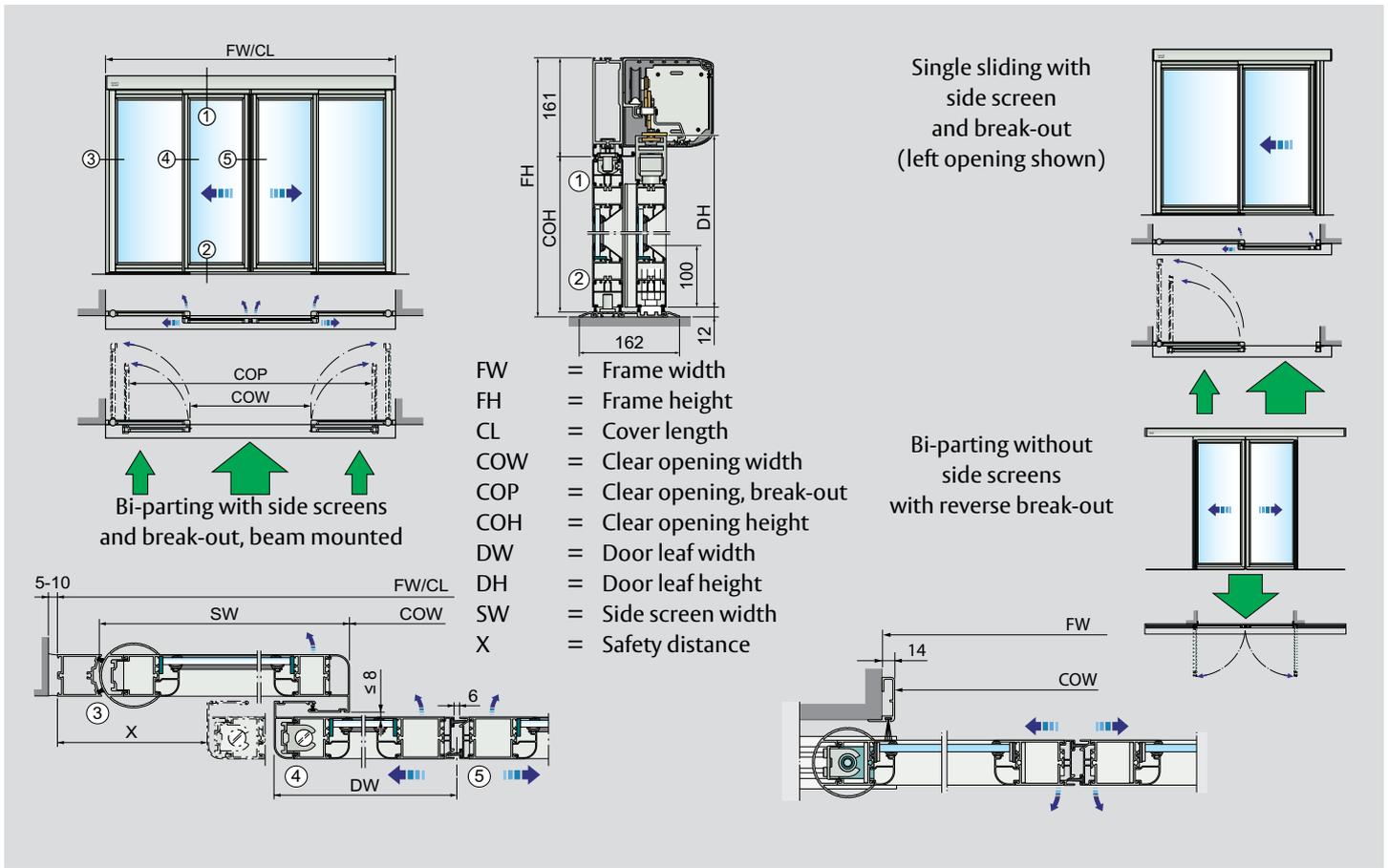
## Technical Data Besam Frame Telescopic

The below measures are formally certified by third party laboratories.

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

Glass	Single sliding 2 sling 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	1900	3000	1000	1550	1900	3000	1600	2450	2050	3150	1600	2450
8	1900	3000	1000	1550	1900	3000	1600	2450	2050	3150	1600	2450
22	1900	3000	1000	1550	1900	3000	1600	2450	2050	3150	1600	2450
40	1900	3000	1000	1550	1900	3000	1600	2450	2050	3150	1600	2450
Glass	Bi-parting 4 sling 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	1900	3000	1600	2400	1900	3000	2800	3900	2050	3150	2800	3900
8	1900	3000	1600	2400	1900	3000	2800	3900	2050	3150	2800	3900
22	1900	3000	1600	2400	1900	3000	2800	3900	2050	3150	2800	3900
40	1900	3000	1600	2400	1900	3000	2800	3900	2050	3150	2800	3900

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



## Technical Data Besam Frame Break-out Besam Frame Reverse Break-out

The below measures are formally certified by third party laboratories.

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

Glass	Single sliding with side screen wall mounted				Single sliding with side screen beam mounted				Single sliding without side screen wall mounted			
	FHmin	FHmax	FWmin	FWmax	FHmin	FHmax	FWmin	FWmax	FHmin	FHmax	FWmin	FWmax
6	2100	2400	2050	2800	2250	2550	2050	2800	2100	2400	930	1230
8	2100	2400	2050	2800	2250	2550	2050	2800	2100	2400	930	1230
22	2100	2400	2050	2420	2250	2550	2050	2400	2100	2400	930	1095
40	2100	2400	2050	2130	2250	2550	2050	2100	2100	2400	930	940
Glass	Bi-parting with side screen wall mounted				Bi-parting with side screens beam mounted				Bi-parting without side screens wall mounted			
	FHmin	FHmax	FWmin	FWmax	FHmin	FHmax	FWmin	FWmax	FHmin	FHmax	FWmin	FWmax
6	2100	2400	2300	5000	2250	2550	2300	5000	2100	2400	930	2430
8	2100	2400	2300	5000	2250	2550	2300	5000	2100	2400	930	2430
22	2100	2400	2300	4730	2250	2550	2300	4690	2100	2400	930	2150
40	2100	2400	2300	4160	2250	2550	2300	4080	2100	2400	930	1850

For information about the operator, see Besam UniSlide/SL500 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 ASSA ABLOY Entrance Systems representative to learn more about our service offering!