

Sliding Door Operator Besam SL100

ASSA ABLOY

ASSA ABLOY Entrance Systems

The global leader in
door opening solutions



Besam SL100 sliding door can offer an attractive open entrance for you with a small installation space, convenient for design and construction. It is an ideal choice for your automatic door products

Honor

ASSA ABLOY Automatic Door System (Besam Automatic Door) is a famous multinational corporation which is dedicated to automatic doors integrating production and installation with services in the automatic door field. Headquartered in Stockholm, the capital of Sweden, it's a listed company in Sweden with its high-quality products obtaining the LRQA ISO 9001 certificate. Meanwhile, its products have also obtained the US UL safety certificate, Germany's TUV certificate, Germany's SP safety certificate, Sweden's SITAC certificate, the CE certificate test standard, and the Chinese National Research Center of Testing Techniques For Building Materials.

Technical specifications

Power supply	220 V AC \pm 10% ; 50/60 Hz
Power consumption	max. 100 W
Recommended max. door weight	
Besam SL100-2	80 kg/door leaf
Besam SL100-R/L	120 kg
Clear opening width (COW)	
Besam SL100-2	900 - 2000 mm
Besam SL100-R/L	700 - 1025 mm*
* If need more clear opening width, please order longer beam separately	
Hold open time	0 - 60 s
Ambient temperature	-20°C to +50°
Relative humidity (non-condensing)	max. 85%

Safety First

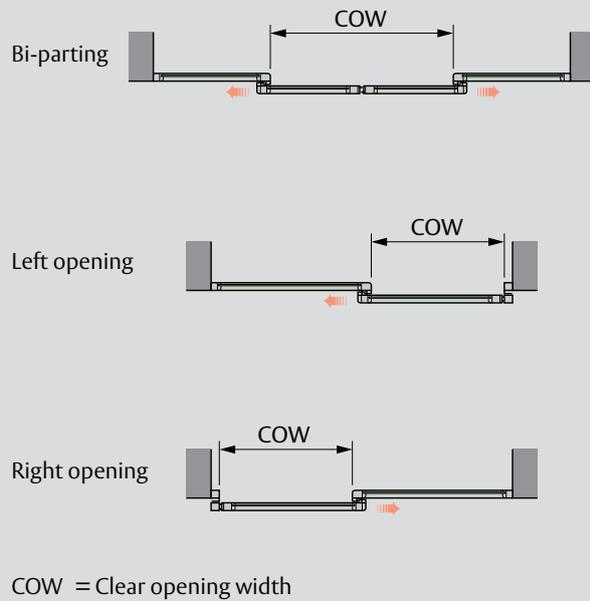
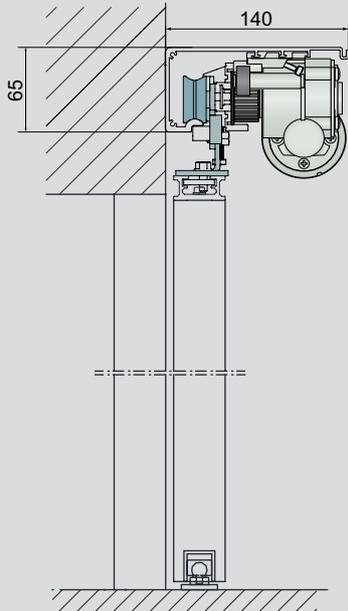
Besam SL100 sliding door is ASSA ABLOY's latest innovative product. To permit safe passage between closing doors, the doors reverse if an obstruction is detected then resume their interrupted movement at low speed to check if it has disappeared. If an obstruction is detected between opening doors and surrounding walls or interior fittings, the door immediately stops and then closes after a time delay. The door's speed and force can be customized to optimize safety. For optimally safe operation and convenience of your people flow, use a monitored Besam presence detection system.

Usage

Besam SL100 adopts an motor designed by European, it has dual-core controller, so it has fast computing and response speed. The motor is a warm-start with sound real-time control. Module design is convenient for troubleshooting with low maintenance cost. The Besam SL100 adopts a mute wheel design, so noise is less. In addition, usage and maintenance are quite easy, installation is convenient, lead rail installation space is optimized, and usage scope is wider.

Software applied in the Besam SL100 has passed the EN16005 European standard certificate:

- Automatically "Push & Go"
- Double closed-loop monitoring (current & speed), high safety
- High precision encoder, accurate control



Multifunction Control Unit

- Error code display & diagnose
- Error record & store
- High performance/high quality components, better durability
- Low energy consumption

Multiple remote control mode

- Key control, easy installation
- Support data bus, remote control by touch screen, better stability

Models

Besam SL100-2 - 2 leaves, bi-parting

Besam SL100-R/L - 1 leaf, single-slide, right or left opening

Set parameter functions conveniently

Customers can set hold open time, speed of opening/closing door, location of semi-opening doors, direction of opening doors, etc. according to specific conditions.

Perfect self-inspection function

When the Besam SL100 Automatic Sliding Door starts, the system can automatically calculate friction, door weight, opening width and other parameters. Based on these parameters, in order to make sure that operation stays at the best status, it calculates the best opening/closing speed, accelerating/decelerating time, low-speed distance, etc. In the initial launching or outage phase of system, the system implements the previous computing process instantly.

Anti-pinch pressure sensitive

When the Besam SL100 automatic door meets resistance, the door would operate in a reversed direction automatically and then slow down to do a test run before reaching the obstacle again until closing normally. It can make sure the safety of pedestrians to the utmost.

Alarm function of meeting malfunction

Clear obstacle code display is convenient for malfunction judgment.

Standard Equipment

Supporting Beam

Driving unit, control unit and components

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!