

Besam Sliding Door Operator Besam UniSlide

ASSA ABLOY

ASSA ABLOY Entrance Systems

The global leader in
door opening solutions



The Besam UniSlide sliding door operator can be applied to a variety of applications and handles heavy traffic situations with ease

High performance

Many of the most valuable features and innovations that characterize Besam's strive for optimal function and performance are combined in the sliding door operator Besam UniSlide. The Besam UniSlide can be integrated as part of Besam Automatic Door Systems but it can also be adapted to a wide range of different door and customer requirements.

Easy installation

With all units completely assembled in the support beam it is just as easy to install as a replacement as for new installations. Although it is very small and slim in appearance, it is entirely suitable for the heaviest duty applications.

Technical specifications

Power supply	120 V AC -10% to 240 V AC +10%; 50/60 Hz
Power consumption	max. 250 W
Recommended max. door weight	Besam UniSlide-2: 180 kg/door leaf Besam UniSlide-1: 230 kg
Clear opening	Besam UniSlide-2: 900 – 2800 mm Besam UniSlide-1: 900 – 2800 mm
Opening and closing speed	variable up to 1.4 m/s (2 leaves)
Hold open time	0 – 60 s
Ambient temperature	-20°C to +50°C
Relative humidity (non-condensing)	5% to 85%

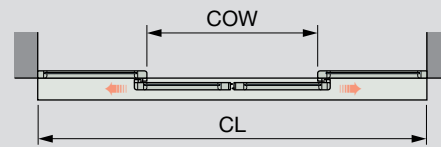
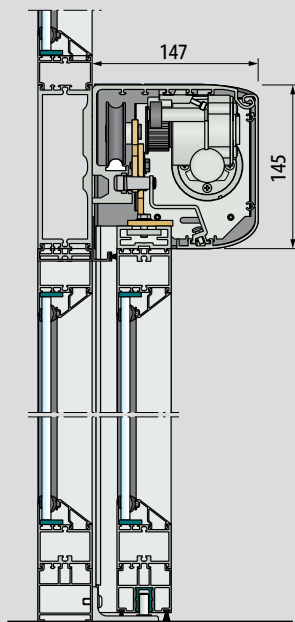
No compromise on safety

To permit safe passage between closing doors, the doors immediately reverse if an obstruction is detected, then resume their interrupted movement at low speed to check whether the obstruction has disappeared or not. 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.

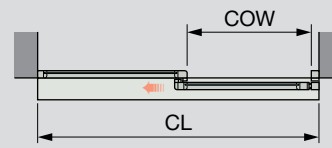
The safety can be further improved by using a Besam presence detection system. People or objects in the doorway are detected and the door is then prevented from closing until it is safe to do so.

Self-monitoring

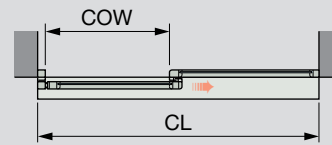
The microprocessor has an integral self-monitoring device which detects any interference or faulty signals in door operation and takes necessary measures to ensure a safe operation.



Bi-parting



Left opening



Right opening

COW = Clear opening width
CL = Cover length

Design

The drive unit, control unit, transmission – or optional emergency unit and electromechanical locking device – are all assembled in the support beam. The drive unit transmits movement to the door leaves by means of a tooth belt. The door leaves with integrated or separately mounted door adaptors can be adjusted height-, length- and depth-wise. Journalled steel rollers and sliding track made of high-grade plastic give exceptionally smooth and silent operation.

Emergency

Besam UniSlide can either be combined with a mechanical emergency unit that automatically opens the doors – or an electronic emergency unit that automatically opens or closes the doors – in the event of a power failure. The Besam UniSlide can also be interfaced with fire alarms or smoke detectors.

Models

Besam UniSlide-2: 2 leaves, bi-parting

Besam UniSlide-1: 1 leaf, single-slide, right or left opening

Standard equipment

- Support beam with transmission
- Electronic control unit with plug-in connections and power supply
- Traffic-controlled opening width
- Synchronizing of two operators

Accessories and Options

- Cover:
 - clear anodized aluminium (other anodizing optional)
 - Paint finished in colour RAL 9010 (paint finishes according to RAL chart optional)
- Door adaptor for doors up to 65 mm thickness made by others
- Programme selectors
- Electronic emergency opening or closing unit
- Mechanical emergency opening unit
- Break-out unit
- Emergency button
- Approach and presence sensor
- Presence detection photocells
- Electromechanical locking devices
- Interlocking between two operators
- Key switch
- Besam Automatic Door systems

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!