

Besam SL500

Sliding Door Systems...Performance Meets Adaptability

Providing sliding door solutions in the most demanding environments

ASSA ABLOY

ASSA ABLOY, the global leader in door opening solutions

Methodist
West Houston Hospital

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RUGGED DESIGN

4" Anti-riser derailment guides
Dual tandem carriage wheels

SUPERIOR AESTHETICS

Sleek tapered header design
Flush mount to interior
and exterior
Seamless integration

ENERGY EFFICIENT

Low energy consumption
Separate time delays for sensors
and key access.
Energy-saving EcoDoor
upgrades available
Insulated glass option

MAXIMUM STRENGTH

300 lbs (136 kg) pedestrian
applications

Opens 20% faster

SERVICEABILITY

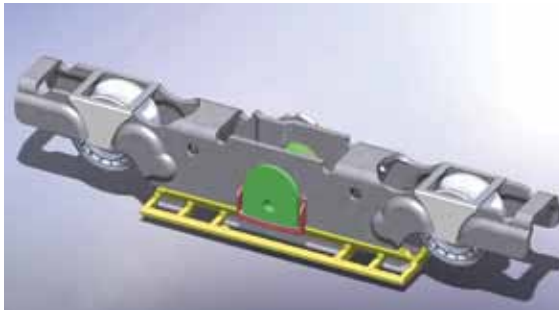
Removable service cover
Visual error and inspection
reminders
Fail safe sensor monitoring

Features and Benefits

RUGGED DESIGN FOR IMPROVED RELIABILITY AND PERFORMANCE

The Besam SL500 utilizes heavy-duty anti-risers for improved stability, which results in smoother performance and less risk of “jumping” off track. Other systems utilize small anti-riser wheels, measuring ½” – 1” wide with only a single point of contact. Besam’s SL500 utilizes a revolutionary 4” long anti-riser, providing multiple points of contact and better protection against derailment.

- Heavy duty tandem carriage wheels are offered as standard equipment to provide superior stability and smoother performance
- Optional Quiet-Ride Wheel System minimizes wheel noise through an advanced noise-cancelling design. *Available for packages that fall within the appropriate size/weight restrictions
- Reduced drive train wear thanks to electronic dampening that cushions opening and closing forces and braking



SL500's heavy-duty anti-risers deliver improved stability, smoother performance and reduced risk of derailment.



The SL500 features an intuitive mode selector switch.

SERVICEABILITY

To improve performance and make service easier, the Besam SL500's advanced modular design includes our standard 5-position mode selector switch with an intuitive user interface and visual indication of errors and inspection reminders. The SL500 also automatically senses door weights to adjust acceleration, braking and speed profiles. This optimizes the performance of the door while reducing wear and tear.

- Yellow flashing indicates that inspection is needed after a pre-determined number of hours of operation has been reached
- Red flashing indicates that service is needed
- Orange flashing indicates if the door is in breakout or other condition that can be cleared by the owner

ENERGY EFFICIENT

The Besam SL500 sliding door system includes a host of sustainable features and options which reduce air infiltration and minimize power usage to provide more efficient performance, energy savings, and energy cost reductions. These features are available on new construction and as modernization kits which can be retrofitted onto existing Besam doors. EcoDoor options provide an impressive array of features which offer the highest level of energy efficiency.

- EcoDoor seals reduce air infiltration up to 40% over standard sliding door packages
- Magnetic catches close and latch doors after small bumps cause an automatic sliding door to be open and non-operational
- Low energy consumption
- Insulated glass
- Separate time delays for devices that may require differing hold open times
- Clean lines and tight construction to eliminate gaps and reduce air infiltration
- Hydraulic closers that relatch and restart doors after breakout



ASSA ABLOY Entrance Systems designs, manufactures, sells and services automatic entrance solutions that help our customers reach their own sustainability goals while minimizing the impact on the environment over the product life cycle.

SUPERIOR AESTHETICS

The SL500 offers a shallow header design suitable for either 4.5" (114mm) or 6" (152mm) depth framing. The header sits between the frame, both inside and outside the storefront curtain wall, providing an attractive flush mount for seamless integration with the building design.

- Sleek header provides minimum gaps
- Unique secure attachment of header end plate to jamb eliminates unsightly gaps

MAXIMUM STRENGTH

Featuring a fast and powerful drive train, the SL500 comes with a one-piece structural header capable of spanning a 16' opening without the need for overhead support.*

*with ¼" glass

- Door weight up to 300 lbs (136 kg) panic doors for pedestrian applications
- Door weight up to 450 lbs (205 kg) non-panic doors for industrial applications
- Computer designed structural header allows support of door weight with less material

OTHER FEATURES AND OPTIONS

- Optional battery back-up allows the door to function during power failure.
- Besam's SL500 Telescopic package features an inventive new design which revolutionizes the way telescopic doors are approached resulting in a package that is more durable and cost effective to operate.
- With our heavy-duty door package, the Besam SL500 can be further equipped to withstand the most demanding applications.
 - Security glass stops to reduce potential of theft or vandalism
 - Welded doors for added strength and stability
 - Magnetic catches to bring door closed after small bumps break out the door
 - Aluminum integrated door seals
 - Hydraulic closers which bring the door closed when it has been broken out
 - Heavy duty floor guide
 - 10" bottom rails
 - Protective kick plates

SL500 Package Types

SL500 is offered in a variety of configurations uniquely suited to your application including: overhead concealed, surface mount, telescopic, CGL – all glass, clean room and hurricane resistant. Further equip your standard package with special features like EcoDoor options to reduce air infiltration or heavy duty options for improved performance to withstand demanding environments.



A clear advantage over the competition

Attribute	SL500	Others
MAX. WEIGHT OF DOOR	300 LBS (PANIC)	150-220 LBS (PANIC)
LARGER ANTI-RISERS TO PREVENT DOOR DERAILMENT	•	
DUAL CARRIAGE WHEELS STANDARD FOR INCREASED STABILITY AND PERFORMANCE	•	
ECODOOR OPTIONS FOR REDUCED AIR INFILTRATION	OPTIONAL	
HEAVY DUTY DOOR OPTIONS FOR INCREASED DOOR STRENGTH	OPTIONAL	
AUTOMATICALLY MEASURES INERTIA AND WEIGHT OF DOOR DURING SET-UP	•	

To learn more about the Besam SL500 please visit www.besam-usa.com or call 866-237-2687.

Besam SL500

Sliding Door Systems...Performance Meets Adaptability

The Besam SL500 sliding door provides superior performance and an array of powerful solutions that can be trusted in even the most high traffic environments.



As the world-leading provider of a wide range of safe, convenient, and reliable entrance solutions, we are proud to offer the Besam SL500. Developed on a flexible platform, this powerful sliding door system is engineered for high traffic flow environments and operates 20% faster. Where reliability and rugged performance are required, the SL500 delivers one of the strongest doors on the market.

From hospital entrances to retail applications, the smooth, quiet operation and flexible platform make the SL500 ideal for any application. Thanks to its slim header, this door fits seamlessly into even the most demanding architectural scheme. And as structures become increasingly energy efficient, the Besam SL500 features a number of sustainable features and enhanced options to help minimize power usage and reduce air infiltration.

ASSA ABLOY Entrance Systems is a leading supplier of entrance automation solutions for efficient flow of goods and people. With our worldwide presence we offer products and services dedicated to satisfying end-user needs for safe, secure, convenient, and sustainable operations. ASSA ABLOY Entrance Systems is a division within ASSA ABLOY.

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