

# SW100

**besam™**   
**ASSA ABLOY**

## Swing door operator



# SW100



The SW100 is one of the most silent operators in the market and its low-energy performance is compliant with DDA requirements. Safe, reliable and quiet operation make it the ideal choice for internal doors in health care, residential, office and public service environments where accessibility and ease of access are important.

Besam provides automatic swing doors for both interior and exterior environments. An automatic swing door system requires a minimum of space while providing a maximum of clear opening width. It is also excellent for creating and maintaining security, smoke and fire zones. Besam automatic swing doors are rugged and reliable, and the operator can be easily adapted to existing manual doors, allowing you to automate swing door entrances in a very cost-effective way

The Besam SW100 provides safety and convenience for users, and improves security and cost-efficiency for building owners.



## Safety

The SW100 is safe for users of all ages and physical abilities. Obstruction control stops and reverses the movement of the door if it becomes obstructed by a person or an object. This feature provides a high degree of safety at a very reasonable cost compared to automated doors equipped with external safety sensors.

If optionally equipped with external safety sensors, the SW100 operator monitors the sensors every time it opens or closes the door. If the sensors are not functioning properly, the automation is deactivated and

the door will function as a manual swing door with a door closer. This built-in monitoring system insures that the swing door is always operating safely, and eliminates the need for manual sensor checks.

### Security

Besam's exclusive intelligent locking technology produces an increased level of security as well as peace of mind that your automated swing doors are closing fully and locking properly. The SW100 operator can sense when the door has not closed completely and will prompt the door to open again and close fully.

The SW100 also features intelligent double-door functionality. When installed on double swing doors that are rebated (overlapping) in the closed position, the operator always closes the doors in the right order so that they are fully closed, latched and can be locked. Double doors that close flush to each other are precisely controlled to prevent jamming and increase security. This electronic feature, exclusive to the SW100, increases security and provides peace of mind that double doors always close properly.

### Cost-efficiency

The self-adjusting closing force feature ensures that the door closes with sufficient force to latch securely when it reaches the closed position. Unlike an electro-hydraulic door closer, the SW100's performance is not affected by seasonal temperature changes. This means there's no need to manually adjust the operator as the seasons change.

The SW100's motor is equipped with an electronic door brake that controls the door's



speed when it is unexpectedly blown or forcefully pushed toward the open or closed position. This unique feature reduces the wear and tear, limiting breakdowns.

The modern motor control in the SW100 minimizes the energy consumption needed for the door operation.

### Convenience

The SW100's power assist feature makes the door easy to push open manually but still ensures that the door will close completely and with sufficient force in all conditions. This feature combines easy manual access with low energy losses while maintaining a comfortable indoor climate.

In the event of a power failure, the operator can be activated by battery power via a key impulse that opens the door once, then closes and locks it before switching off. This

unique Besam technology ensures that the entrance is always accessible independent of power.

If the door needs to function normally during a power failure, the operator can be programmed to switch to battery and continue operating.

The SW100 also monitors the battery for power and function, and gives an electronic indication if the battery is not working properly and needs to be replaced.

## Why SW100 ?

**Safe for all users independent of age and physical disability**

**Minimizes energy consumption**

**Creates peace of mind due to intelligent locking technology**

**Ensures easy access but still designed to handle harsh use**

### **Besam in brief**

World leading supplier of entrance solutions

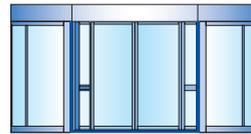
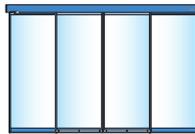
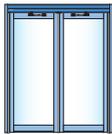
Global presence – local mindset

Global service programme

Customised applications

Design and functionality

A safe investment



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ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.