

# Besam SW200i

- Swing Door Operator



The Besam SW200i swing door operator is the perfect choice where high performance and superior safety is of extra importance.



## Energy-efficiency

Besam automated door systems are sustainable by nature and automatically convenient as they ensure opening only when needed to pass, eliminating unnecessary air infiltration and keeping climate zones separate. The innovative electronics in the Besam SW200i ensure minimal energy consumption for optimal door performance.



## Safety

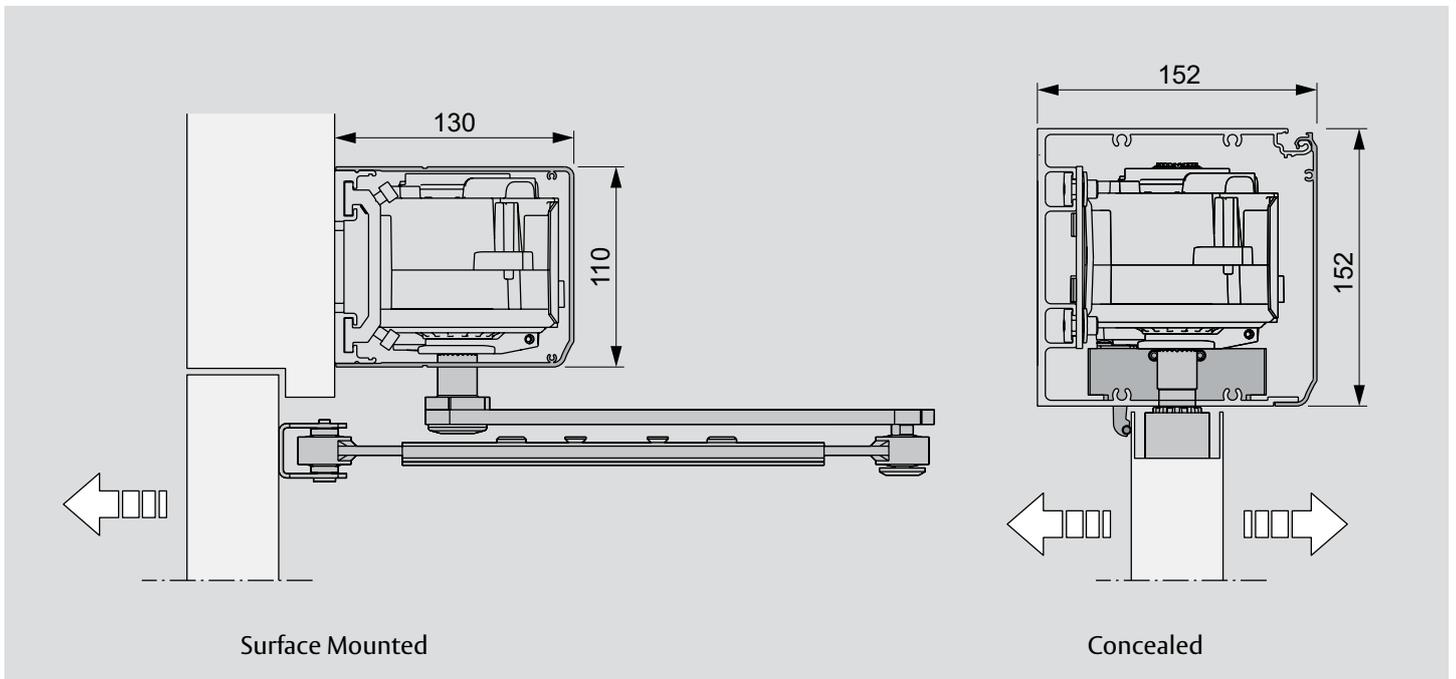
The Besam SW200i is safe to use for all, despite age and physical ability. In case of an obstruction by a person or object, the obstruction control ensures stop on stall and reverse operation.

Furthermore, the Besam SW200i swing door operator is fully compliant with European standards; one version for surface mounted installations and one for concealed installations.

## Convenience

An entrance equipped with a Besam SW200i operator is always accessible due to battery backup. The Besam SW200i also monitors the battery for power and function, and gives an electronic indication if it is not working properly and needs to be replaced.

The operator is truly reliable during all weather conditions as it is not affected by stack pressure and wind load when opening and/or closing. Also, for your convenience, safety and quick exit, the Besam SW200i can easily be manually opened when needed; despite extended closing torque, due to sensor detection ensuring lowest manual opening force.



### Security

The Besam SW200i's intelligent locking features are designed for your peace of mind. For example, double doors are precisely controlled to prevent jamming and increase security. The Besam SW200i operator can also sense when the door has not closed completely and will prompt the door to open again and close fully, even under heavy wind load and stack pressure.

### Aesthetics

The Besam SW200i swing door is providing maximum performance with a capability to handle heavy doors up to 320 kg. The Besam SW200i can be retrofitted with existing doors and thereby keeping the overall door system design and environment aesthetically intact.

The PUSH- and PULL system that is connected to the output shaft, opens the door in a surface mounted application. In a concealed application the output shaft is connected directly to the pivot point.

### Technical specifications

Power supply:  
100-240 VAC +10/-15%, 50/60 Hz,  
mains fuse max 10A (building installation)

Power consumption: Max. 300 W

Auxiliary voltage: 24 V DC, max 700 mA

Ambient temperature: -20 °C to +45 °C

Recommended max. door weight  
and door width:

$Inertia J = \text{Door Weight} \times (\text{door width})^2 / 3$

PUSH = 160 kgm<sup>2</sup>

PULL = 80 kgm<sup>2</sup>

Concealed = 80 kgm<sup>2</sup>

The Besam SW200i complies with:  
- EN 16005

### Accessories and Options

Programme selectors

Battery backup unit

Impulse and presence detection sensors

Fire kit

Arm systems PUSH, PULL and PAS



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!

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door opening solutions