

# Besam SW300

## - Swing Door Operator



The Besam SW300 swing door operator is the perfect choice where reliable performance and superior safety together with an appealing slim look is of extra importance.



### Standard equipment

Singel operator, surface mounted  
Dimensions - 70 mm cover height and  
min. length 840 mm  
Double operator, surface mounted  
Dimensions - 70 mm cover height and  
min. length 1676 mm

### Accessories and Options

Programme selectors  
Sync cable for double doors  
(synchronization of 2 operators)  
Battery backup unit  
Coordination unit  
Impulse and presence detection sensors  
Fire kit  
Arm systems PUSH and PULL

### 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 SW300 ensure minimal energy consumption for optimal door performance.



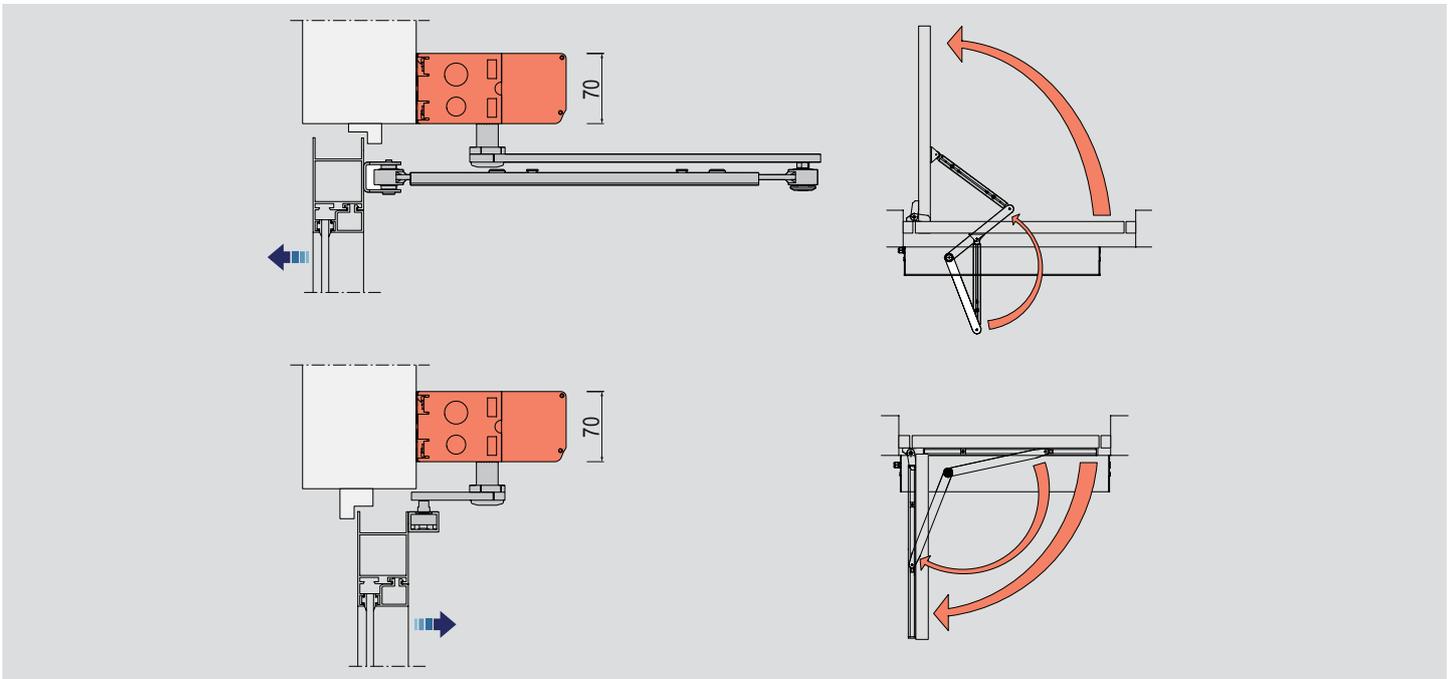
### Safety

The Besam SW300 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 SW300 swing door operator is fully compliant with European standards and fire approved, making it ideal for creating and maintaining security, smoke and fire zones.

### Convenience

An entrance equipped with a Besam SW300 operator is always accessible due to battery back-up. The Besam SW300 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 SW300 can easily be manually opened, despite extended closing torque, due to sensor detection ensuring lowest manual opening force.



### Security

The Besam SW300'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 SW300 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 70 mm slim Besam SW300 swing door requires a minimum of space while providing maximum performance. Furthermore, the door system operates impressively silent despite its amazing capability to handle heavy doors up to 250kg. The Besam SW300 can be retrofitted with existing doors and thereby keeping the overall door system design and environment aesthetically intact.

### 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:

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

PUSH = 140 kgm<sup>2</sup>

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

The SW300 complies with:

- EN 1154 (controlled door closing)
- EN 1158 (coordination unit for rebated doors)
- DIN 18263-4
- EN 1634-1
- EN 16005
- EN ISO 13849-1/-2
- EN 60335-1
- EN 60335-2-103
- EN 61000-6-2
- EN 61000-6-3



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!

#### ASSA ABLOY Entrance Systems

Box 669  
SE-261 25 Landskrona  
Sweden  
export.se.besam@assaabloy.com  
Phone: +46 10 47 47 000  
Fax: +46 418 212 50  
www.besam.com

www.assaabloyentrance.com

# ASSA ABLOY

The global leader in  
door opening solutions