

# ASSA ABLOY

## Smarter entry starts here

Our sliding, swing and revolving doors deliver seamless flow, long-term reliability and energy-saving performance. Keeping your building efficient from the moment people walk in.



# Optimizing your entrance solutions

**Do you remember the last time you passed through an automatic entrance?**

Perhaps you did not notice since the very idea with automatic doors is to allow you to keep walking, uninterrupted. An important part of your business flow, they make life more convenient, while increasing safety and efficiency and allowing for more sustainable buildings.

ASSA ABLOY has taken entrance automation to heart. At the core of our company lies a broad and deep experience, with a wealth of expertise and a strong history of proven solutions for all kinds of automatic entrances. With us, you can enjoy the strength of a global supplier combined with the convenience of local support. As your dedicated partner for entrance solutions, we support you all the way-from design and installation to maintenance and modernization.

- Minimize energy loss, improve indoor air quality, increase daylight, control air circulation and optimize the overall energy performance of any building
- Optimize workflow, convenience and accessibility
- Keep compliant with safety, security and environmental regulations
- Modernize your entrances to meet current requirements
- Enjoy service and maintenance, contributing to energy savings, security and safety in the future.



Enhanced  
convenience &  
accessibility





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# Sliding Door Operator SL300

**ASSA ABLOY SL300 sliding door can offer an attractive automatic entrance for you with a small installation space, convenient for design and construction. It is an ideal choice when choosing one of our automatic door products**

## Never compromise

The SL300 is a high-quality sliding door tailored to meet the essential needs of an automatic sliding door while providing an attractive open entrance with flexible features that make installation convenient and the ideal automatic door for existing locations, redesigns and new constructions. Developed by our team of leading engineers, the door delivers the same durability and long-lasting operation that ASSA ABLOY customers can rely on.

## Proven quality

With more than 50 years of experience across the globe, ASSA ABLOY Entrance Systems is the industry leader in the development, production and service of automatic doors. Headquartered in Switzerland, our high-quality products have obtained the LRQA ISO 9001 certificate and obtained the US UL safety certificate, Germany's TUV certificate, Germany's SP safety certificate, Sweden's SITAC certificate, the CE certificate test standard, and the Chinese National Research Centre of Testing Techniques for Building Materials.

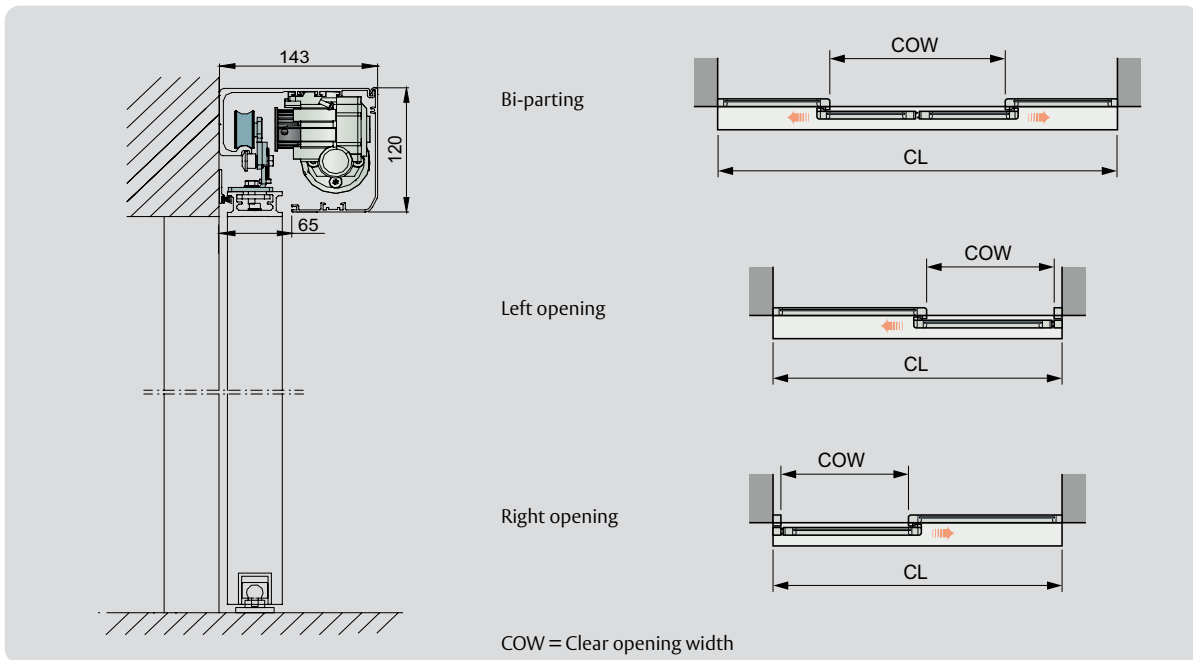
## Guaranteed performance & safety features

The SL300 keeps people flow smooth and customers safe. To ensure risk-free passage between closing doors, the SL300 reverses its doors if an obstruction is detected, then resumes the interrupted movement at low speed to ensure the obstruction is no longer there. If an obstruction is detected during opening, the doors stop immediately and close after a time delay.

### Technical specifications

Power supply	100 - 240V AC $\pm$ 10%; 50/60 Hz
Power consumption	max. 200 W
Recommended max. door weight	
ASSA ABLOY SL300-2	max. 100 kg/door leaf
ASSA ABLOY SL300-R/L	max. 120 kg
Clear opening width (COW)	
ASSA ABLOY SL300-2	1100-2000 mm
ASSA ABLOY SL300-R/L	850-1025 mm
Hold-open time	0 - 60 s
Ambient temperature	-20°C to +50°C
Relative humidity (non-condensing)	max. 85%





The speed and force of the doors can be customized to optimize safety for any business' needs. And to maximize safe operations and foot traffic, an optional monitored ASSA ABLOY presence detection system can be easily integrated with the SL300.

#### An option for any need

The SL300 is available in a range of different solutions to offer you high flexibility and convenience:

- An operator only version, optimized in size to fit a wide range of installation sites.
- An assembly kit that allows for easy shipment to you or any end-user and convenient self-assembly on-site.
- A full solution including the operator, frame and glass designed for the specific usage, easy installation on-site and an ongoing service and maintenance contract with the ASSA ABLOY service solutions.

#### Customized design & adaptable features

The SL300 has a variety of smart components that make it easy to use, maintain and install. The operator is designed to adapt to a wide range of installation sites, while the control unit is equipped with dual microcontrollers for fast computing and response speed. And the high-performing DC-motor, along with the wheel design, reduces noise and provides a low operating sound level. Furthermore, the module design makes it convenient for easy troubleshooting and keeps maintenance costs minimal.

The ASSA ABLOY SL300 employs the latest software:

- Automatic "Push & Go".
- Double closed-loop monitoring for maximum safety.
- High precision encoder for accurate control.

#### Standard Equipment

Support Beam

Drive unit, control unit and components

Independent certification to EN16005:2012



#### Accessories and options

Cover

Lock

Battery

Sensors for extended safety

# Sliding Door Operator SL500



## The modular sliding door ASSA ABLOY SL500 enables upgrades and add-ons when you want to move your business forward

### Sustainable entrances

You can be sure that your entrance suits your people flow as well as your environmental footprint. To make your entrance more sustainable we can offer you different solutions as: additional sealing (ASSA ABLOY TightSeal), sustainable drive mode, intelligent opening width depending on traffic, inner- and outer door air locking, and timer settings and more.

### Safety first

To permit safe passage between closing doors, the doors go into reverse mode if an obstruction is detected, and then start moving again slowly to check if the obstruction has cleared. If an obstruction is detected during opening or between opening doors and surrounding walls or interior fittings, the doors immediately stop and then close after a time delay. The speed and force of the doors can be customized to optimize safety. For optimum safety and user convenience, use a monitored ASSA ABLOY presence-detection system.

### Security

Choose your security level by adding different features. Unwanted guests are not an issue for the ASSA ABLOY SL500 through the use of different locking devices. The operation mode selector can be set to meet your security needs during and outside business opening hours. Interlocking facilities further enhance the security level.

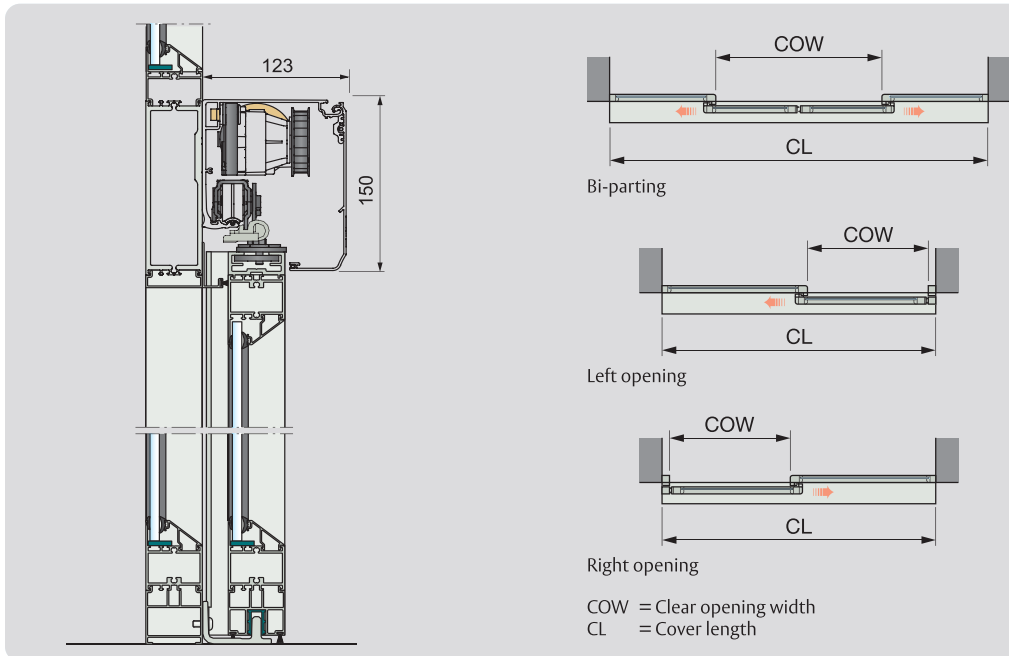
### Service and maintenance for your convenience

Ensure that you are one step ahead of breakdowns via maintenance indicators and automated diagnostics, or let us handle your maintenance via ASSA ABLOY's tailored maintenance programs.



### Technical specifications

Operator dimensions	150 mm x 123 mm (height x depth)
Power supply	100-240 VAC ±10% 50/60 Hz
Power consumption	max. 250 W
Recommended maximum door weight	
ASSA ABLOY SL500-2 without break-out	200 kg/ door leaf
ASSA ABLOY SL500-2 with break-out	100 kg/ door leaf
ASSA ABLOY SL500-1 without break-out	240 kg
ASSA ABLOY SL500-1 with break-out	100 kg
Clear opening width (COW)	
ASSA ABLOY SL500-2	1000 – 3000 mm (bi-parting)
ASSA ABLOY SL500-1	800 – 3000 mm (single slide)
Contact local sales representative for other dimensions.	
Open and closing speed variable	up to 1.7 m/s (2 leaves)
Hold-open time	0 – 60 s
Ambient temperature	-20°C to +50°C
Relative humidity (non-condensing)	max. 85%



### Universal and adaptable

The ASSA ABLOY SL500 series can be tailored to your technical requirements, but also to your budget. Its modular features ensure state-of-the-art versatility and upgrades. Together with our extensive range of different door systems, the operator allows you to create an appealing entrance that perfectly matches your business and traffic flow.

### Models

ASSA ABLOY SL500-2 -  
Two leaves, bi-parting, with  
or without break-out

ASSA ABLOY SL500-R/L -  
One leaf, single-slide, right  
or left-opening, with or without break-  
out

#### Standard equipment

- Cover: clear anodized aluminium
- Support beam with transmission
- Electronic control unit with plug-in connections and power supply

#### Accessories and options

- Cover: Other anodizing options or painted in RAL colours
- Door adaptor for doors up to 65 mm thick from other suppliers
- Traffic-controlled opening width
- Synchronizing of two operators
- Operation mode selectors
- Electronic emergency opening or closing unit
- Break-out doors
- Emergency button
- ASSA ABLOY motion and presence sensors
- Electrical locking devices
- Interlocking between operators
- Key switch
- ASSA ABLOY automatic door systems

# Sliding Door Operator SL521



## ASSA ABLOY SL521 telescopic sliding door operator. Maximum opening. Reliable and safe. Never compromise.

Limited spaces and heavy applications require smart engineering. You may think your premises are too small or your doors too heavy to support an automatic sliding door solution, but, nevertheless, you are still required to provide access for everyone and everything- like pedestrians, wheelchair users and trolleys.

Crafted from the highest-quality materials and backed by more than 50 years' of proven experience, the SL521 is a sophisticated and stylish telescopic sliding door operator which can be customized to suit every environment. No matter if space is limited or if your entrance requires heavy doors or a large glass facade.

### A high level of customization

Whatever your business, and whatever the layout of your exterior and/or interior passageways, the SL521 can be tailored to meet your exact needs. For added flexibility, the operator can be used to program door opening and closing speed as well as set how long doors should stay open.

Available for single, two-leaf doors and bi-parting, four-leaf doors, the SL521 comes with all the advantages associated with automatic sliding door systems. Giving you a convenient and durable entrance solution that will deliver a sustainable, highquality performance for years to come.

### Always safe and secure

At ASSA ABLOY, we're here to help make your entrance systems as safe as possible. From stateof-the-art sensors designed to immediately open doors when a person or obstacle is detected, to innovative breakout technology that will force doors and sidescreens to swing outwards in case of emergency, our solutions have security at their core.

To further ensure your operations run smoothly, our expert technicians are ready to help solve any issues or offer advise on how to optimize your business. Take a look at our range of personalized service and maintenance packages and we'll take care of the rest.





### Long-term reliability

The SL521 places just as much focus on comfort and convenience as it does on accuracy, reliability and safety. Available in a range of sizes and finishes, our low-noise solution is designed to bring a touch of charm to any entrance, big or small - in addition to meeting every necessary health and safety standard.

### Sustainable every step of the way

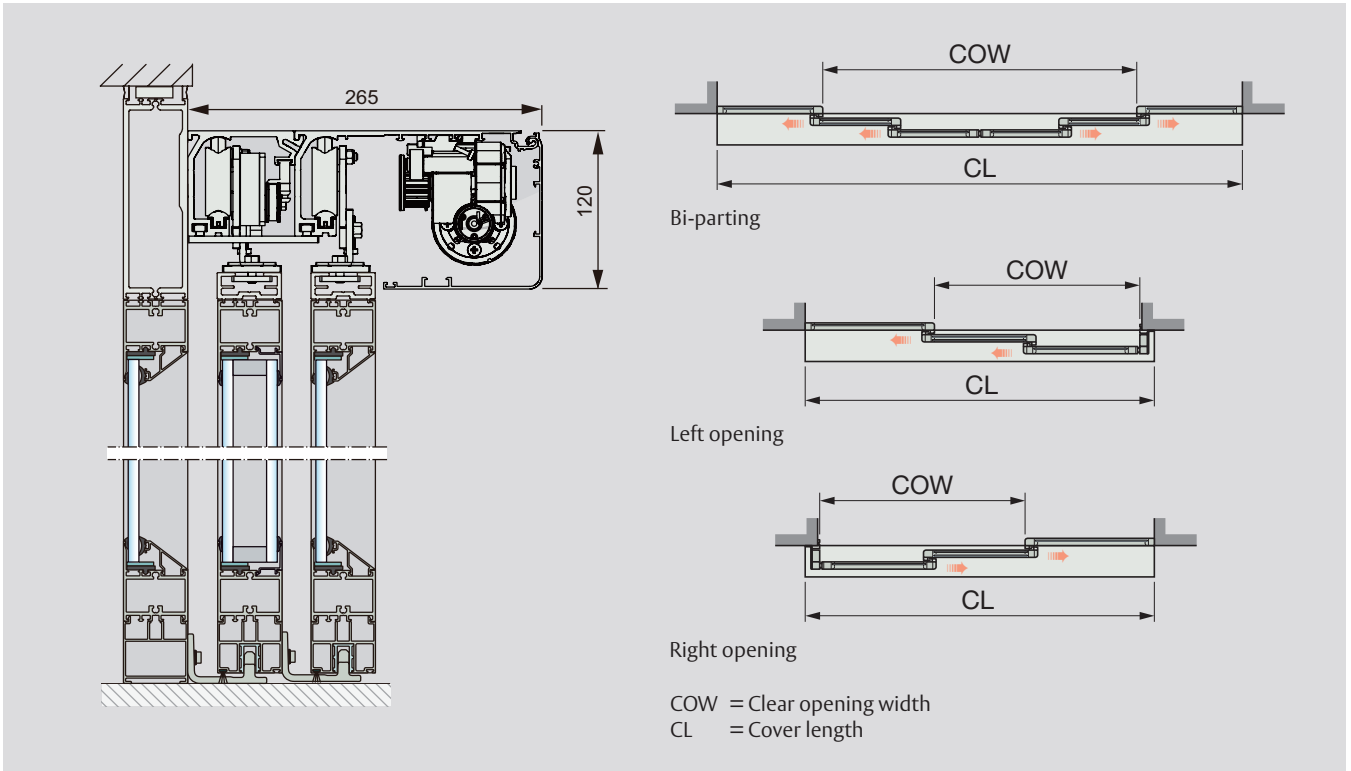
The SL521 places great importance on sustainability, with relevant add-ons that include

ASSA ABLOY TightSeal, drive mode technology to help you determine how wide door(s) can open, and more. For an entrance solution that will always live up to expectations while supporting your environmental efforts.

### Models

**ASSA ABLOY SL521-2** - Four leaves, bi-parting, with or without break-out  
**ASSA ABLOY SL521-R/L** - Two leaves, single-slide, right or left-opening, with or without break-out





### Technical specifications

Operator dimensions	120 mm x 265 mm (height x depth)
Power supply	100-240 VAC ±10% 50/60 Hz
Rated power	150 W
Recommended maximum door weight (without break-out)	
ASSA ABLOY SL521-2	150 kg/leaf
ASSA ABLOY SL521-R/L	150 kg/leaf
Single slide in escape route to be compliant with DIN 18650: Door leaf weight up to 150 kg for COW 1800 mm or less. Contact local sales representative for other dimensions.	
For low energy movement	75 kg/leaf
Clear opening width (COW)	
ASSA ABLOY SL521-2	1875 – 4000 mm
ASSA ABLOY SL521-L (dual drive)	1090 – 4000 mm
ASSA ABLOY SL521-L: (HD)	950 – 4000 mm
ASSA ABLOY SL521-R: (Dual drive and HD)	1250 – 4000 mm
Contact local sales representative for other dimensions.	
Open and closing speed variable	up to 1.2 m/s (bi-parting)
Hold-open time	0 – 60 s
Ambient temperature	-20°C to +50°C
Relative humidity (non-condensing)	max. 85%

### Accessories and options

Cover: Other anodizing options or painted in RAL colours
Door adaptor for doors up to 65 mm thick from other suppliers
Traffic-controlled opening width
Synchronizing of two operators
Operation mode selectors
Electronic emergency opening or closing unit
Break-out door
Emergency button
ASSA ABLOY motion and presence sensors
Electrical locking devices
Interlocking between operators
Key switch
ASSA ABLOY automatic door systems
Escape route according to CO48 (France). In event of a power failure, the door can be opened with the built-in elastic cord.

### Standard equipment

Cover: clear anodized aluminium
Support beam with transmission
Electronic control unit with plug-in connections and power supply

# Swing Door Operator SW60

**ASSA ABLOY SW60 swing door operator is the perfect choice where reliable performance and superior safety together with an appealing slim look is of extra importance.**

## **Energy-efficiency**

ASSA ABLOY 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 ASSA ABLOY SW60 ensure minimal energy consumption for optimal door performance.

## **Safety**

The ASSA ABLOY SW60 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 ASSA ABLOY SW60 swing door operator is fully compliant with standards.

## **Security**

ASSA ABLOY SW60 operator can also sense when the door has not closed completely and will prompt the door to open again and close fully.

## **Convenience**

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 ASSA ABLOY SW60 can easily be manually opened, despite extended closing torque.

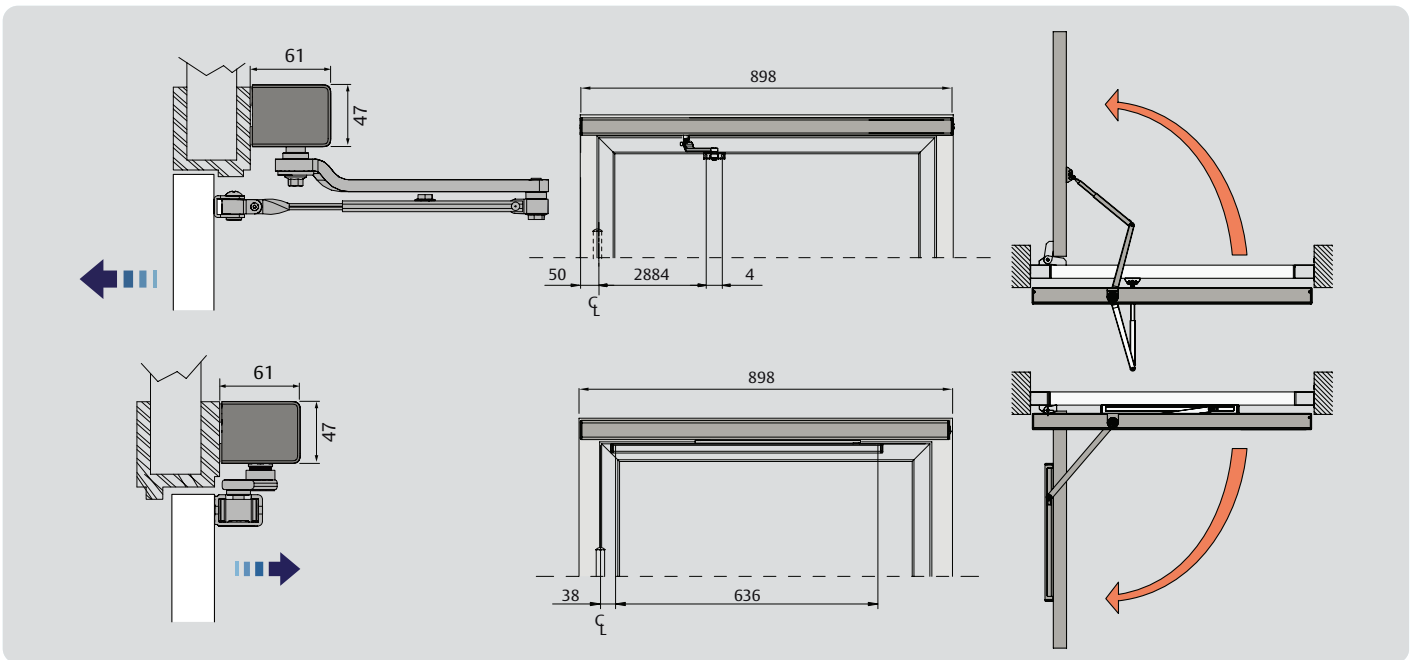
## **Smart**

ASSA ABLOY SW60 is designed with compact hardware and intelligent software. The operation works smoothly. It can be installed easily and quickly with limited space. It is more convenient for setting modes/parameters and functions on app.

## **Aesthetics**

The smart ASSA ABLOY SW60 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 120kg. ASSA ABLOY SW60 can be retrofitted with existing doors.





### Modes and functions

- **Off/ Closed:** The door is closed. The door cannot be opened with the inner/ outer wall or jamb-mounted contact switches.
- **Exit:** Passage from inside only. The door can only be opened with the inner wall or jamb-mounted contact switches (if fitted) or by a signal to the Key Impulse.
- **Auto:** The door can be opened with the inner/outer wall or jamb-mounted contact switches.
- **Hold/ Parking:** The door can be held at any position when opening or closing.
- **Power assist:** Help the user to open the door manually.
- **Push and go:** When the door is manually pulled/pushed to open, it will perform an open cycle.
- **Push and close:** When the door is manually pulled / pushed towards closed position the “Push and close” function will cancel the hold-open time and start to close the door.
- **Stop on stall:** When the door is opening and gets blocked the “Stop on stall” function will make the door stop and stand still in the blocked position for a short time and then start closing.
- **Reverse upon obstruction:** If the door gets blocked when closing, the “Reverse upon obstruction” will make the door re-open.
- **Ratchet function:** When the door is given an activation signal, the door will open and stay in the open position until a second activation signal is received.

### Models

- **ASSA ABLOY SL521-2** - Four leaves, bi-parting, with or without break-out
- **ASSA ABLOY SL521-R/L** - Two leaves, single-slide, right or left-opening, with or without break-out

### App and wireless control

- Select modes.
- Set configuration parameters.
- Check event/ error records.
- Check statistics
- Upgrade software versions.

*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.*

### Standard equipment

Cover - Silver anodized aluminium, other paint finishes optional

Dimensions:

- Length 898 mm
- Height 47 mm
- Depth 61 mm

Control unit has the possibility to connect manual and automatic activation units, position switches.

HOLD / AUTO / OFF switch

### Accessories and Options

Knowing-activation units

Arm systems PUSH and PULL

Adapter

# Swing Door Operator SW100

**The ASSA ABLOY SW100 can be mounted on either side of the door for pull or push action and is suitable for single- or double-doors.**

## Low energy

The ASSA ABLOY SW100 is an electromechanical operator and has been developed to comply with North American and European standards and requirements for low-energy power operated doors.

## Silent and smart

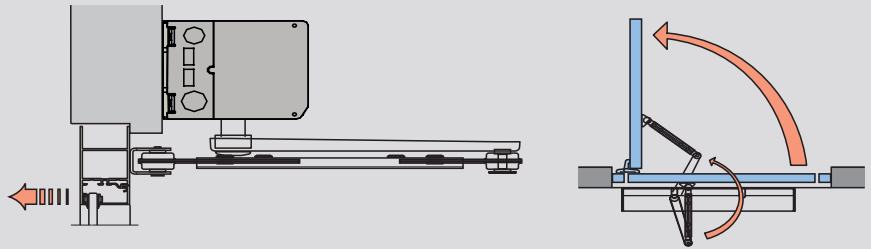
The ASSA ABLOY SW100 is designed for silent applications with high intelligent functions. Safe, reliable and quiet operation make it the ideal choice for doors in healthcare, residential, office and public service environments where both lownoise and ease of access are important. It includes smart functions such as “Push-and- go”, which opens the door automatically when manually pushed from the closed position, and “Power Assist”, providing motorized assistance when the door is pulled opened by hand. The smart control unit offers added-value features like double-door controls and monitored battery backup for convenience. Other added-value features are smart lock functions for security, monitored sensors and low-energy consumption.

## Technical specifications

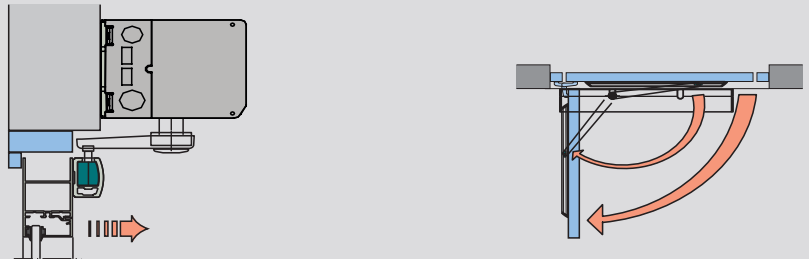
Power supply	100-240 V AC +10/-15%, 50/60Hz
Power consumption	max. 75 W
Auxiliary voltage <sup>2</sup>	4 V DC, max. 400 mA
Monitored battery backup unit	24 V DC
Electromechanical locking or connection	12 V DC max 500 mA or 24 V DC max 250 mA
Ambient temperature-	20°C to +45°C
Relative humidity (non-condensing)	max 85%
Max recommended Inertia J	
For PUSH =	45 kgm <sup>2</sup>
For PULL =	16 kgm <sup>2</sup>
J =	Door weight x (Door width) <sup>2</sup> /3
Class of protection IP20 - to be installed internally or externally with suitable weather protection	
The ASSA ABLOY SW100 complies with	
- EN 16005	
- EN 60335-2-103	
- IEC 60335-1	
- IEC 60335-2-103	
- UL 325	
- UL 228	
- UL 10C	
- EN 1634-1	



### Pushing arm system PUSH



### Pulling arm system PULL



## Design

The operator works electromechanically. It opens with motor and closes with motor and spring. The opening and closing speeds can be varied individually. The motor, control unit, gear box and spring are combined into a compact unit and mounted within the cover. The operator is connected to the door leaf with either a pushing or a pulling arm system.

## Arm systems

**PUSH** – Pushing arm system. The operator is installed on the wall on the opposite side of the door swing. Door opening angle adjustable up to 110°.

**PULL** – Pulling arm system. The operator is installed on the wall on the same side as the door swing. Door opening angle adjustable up to 110°.

**ST-V/H** – Pulling arm system. Used in

windy conditions when the operator is installed on the wall on the same side as the door swing. Door opening angle adjustable up to 95°. Shaft extensions – Allow the operator to be fitted higher on the wall or the arm lower on the door leaf.

## Models

**Single operator** – one drive unit and one control unit fitted under a cover  
**Double operator** – two drive units with control units fitted under the same cover for operation of two doors.

## Adjustments

- Opening and closing time: variable between 3 - 6 sec.
- Hold open time: 1.5 - 30 sec.

## Standard equipment

Cover - Silver anodized aluminium  
 End plates - Black painted steel sheet  
 Dimensions: - Length 716 mm  
 - Height 110 mm  
 - Depth 130 mm

Control unit CU-ESD – with possibility to connect manual and automatic activation units, position switches and overhead presence detectors (OPD)

Push and go

Power assist

## Accessories and Options

Extension unit EXU-SI – Used if additional functions are required, e.g. electromechanical lock, program selector, emergency battery, kill function open/close, key opening and outer impulse

Extension unit EXU-SA – Has inputs for both monitored /non monitored door mounted sensors, which can give presence impulse and/or presence detection. Relay output for error or door indication is also integrated

Sync cable – Used on double doors to select the opening and closing order

Battery backup unit

Finger trap protection devices

Manual and automatic activation units

Impulse and presence detection sensors

Programme selectors

# Swing Door Operator SW110

## A universal swing door operator that is quiet and energy efficient

### Safe, secure and highly adaptable

The ASSA ABLOY SW110 Standard is an electromechanical swing door operator that relies on an innovative “push-and-pull” arm system to create safe passage for anyone, and anything.

Made to blend into any environment, and due to its low-noise operation, the SW110 is ideal for every kind of setting: from healthcare facilities to airports, offices, residential buildings and busy public areas.

Furthermore, the ASSA ABLOY SW110 Standard swing door operator is fully compliant with European standards and fire approved, making it ideal for creating and maintaining security, smoke and fire zones.

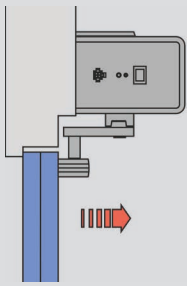
### Silent and smart

Operated by a smart low-noise drive technology, the ASSA ABLOY SW110 Standard ensures extra silent opening and closing of the door. For a more reliable performance from an operator that will experience fewer breakdowns and require less maintenance. The SW110 also comes with a host of additional features and can be adapted to meet local and national regulations.

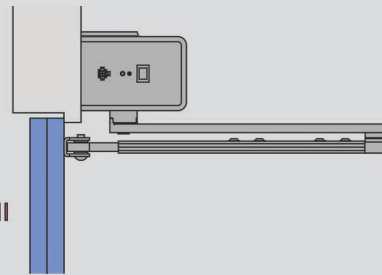
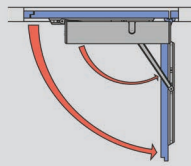
### Explore what makes ASSA ABLOY SW110 Standard stand out:

- Quiet, low-friction opening and closing technology
- Full flexibility in selecting Full Power or Low Energy operating modes
- Suitable for single and bi-parting doors with lintel or door leaf installation
- Easy to maintain and service
- Same installation set-up as our other operators, making upgrades a streamlined procedure
- Available with drive system to support different door applications
- Platform-based, coherent approach
- The sensors can be easily installed and put into operation
- The operator is encased in an elegant aluminum cover
- Delivered as an assembly kit for easy on-site installation

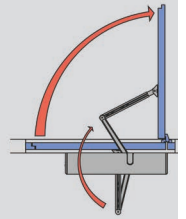




SW110 Pull



SW110 Push



**Full power or low energy operating mode**

The powerful operator installed in the ASSA ABLOY SW110 Standard is universally applicable, able to handle large and heavy doors without the installation of additional upgrade modules. Requiring few to no sensors, it can be set to different modes to adjust settings such as opening speed and kinetic energy.

- Designed to fit any requirement
- Single door operator: one drive unit and one control unit fitted under cover
- Double door operator: two door operators available with different options, such as modular or full length cover
- Performance: able to move high-weight doors of up to 300 kg
- Program door speed to meet your needs (from 3 to 20 s to open and 5 to 20 s to close)
- Program time doorway remains fully open (from 0 to 60 s)

**Functional on any level**

“Push and go” makes the door open automatically from closed position if manually pushed.

**PUSH** (standard push arm system) - The operator is installed on the wall on the opposite side as the door swing with a door opening angle adjustable to 115°

**PULL** (sliding arm system) – The operator is installed on the wall on the same side as the door swing with a door opening angle adjustable to 115°

**LEVER ADAPTERS** – Allow the operator to be fitted higher on the wall or the arm lower on the door leaf.

**POWER ASSIST** – Heavy doors can be opened manually with minimum effort.

*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.*

**Technical data**

Drive Dimensions	
Length	600 mm
Height	87 mm
Depth	124 mm
Door closer size	EN4 – EN6
Recommended max. door weight and door width Inertia J	Door Weight x (door width) <sup>2</sup> /3 PUSH = 65 kgm <sup>2</sup> , PULL = 65 kgm <sup>2</sup>
Power supply	230 V AC, 50 / 60 Hz
Power consumption	67 W
Auxiliary voltage	24 V DC, 1000 mA
Opening angle	70° – 115°
Hold-open time	3 – 20 s / 5 – 20 s
Ambient temperature	-15° C to +50° C
Relative humidity (non-condensing)	up to 85% rel. humidity, non-condensing
Type of protection	IP20
Arm systems	Standard arm push and sliding arm pull
Noise emission	Less than 45 dB

**Accessories and options**

Extension unit FEM1 – Used if additional functions are required, e.g. interlock system, configurable input- and output signals

Available with optional brake to stabilize the door in open/close position

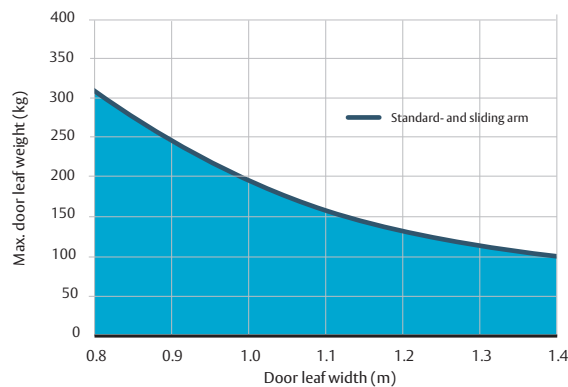
Finger trap protection devices

Manual and automatic activation units

Impulse and presence detection sensors

Program selectors, electronic or key-operated

Battery kit supplies power after mains failure



Recommended door leaf width for door closer classes



# Swing Door Operator SW200



**The ASSA ABLOY SW200 swing door operator is the perfect choice where high performance and superior safety is of extra importance.**

## **Energy-efficiency**

ASSA ABLOY 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 ASSA ABLOY SW200 ensure minimal energy consumption for optimal door performance.

## **Safety**

The ASSA ABLOY SW200 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 ASSA ABLOY SW200 swing door operator is fully compliant with European standards; one version for surface mounted installations and one for concealed installations.

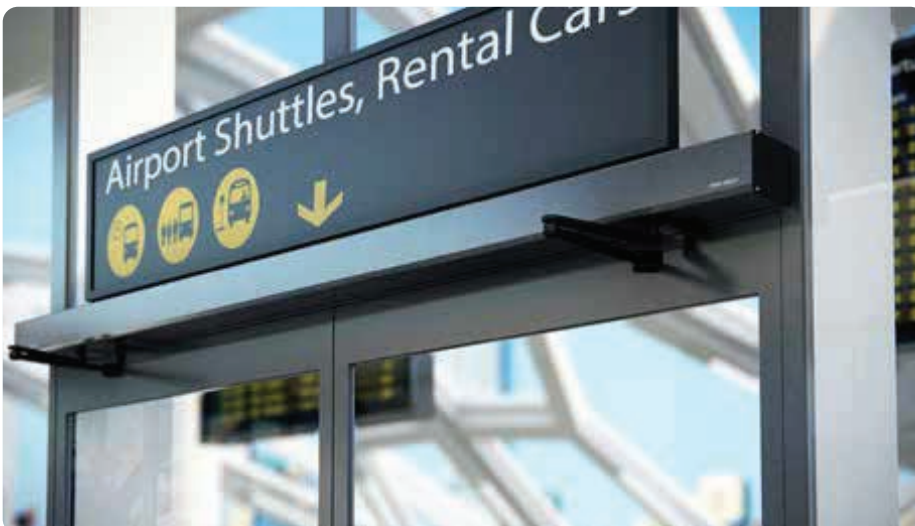
## **Convenience**

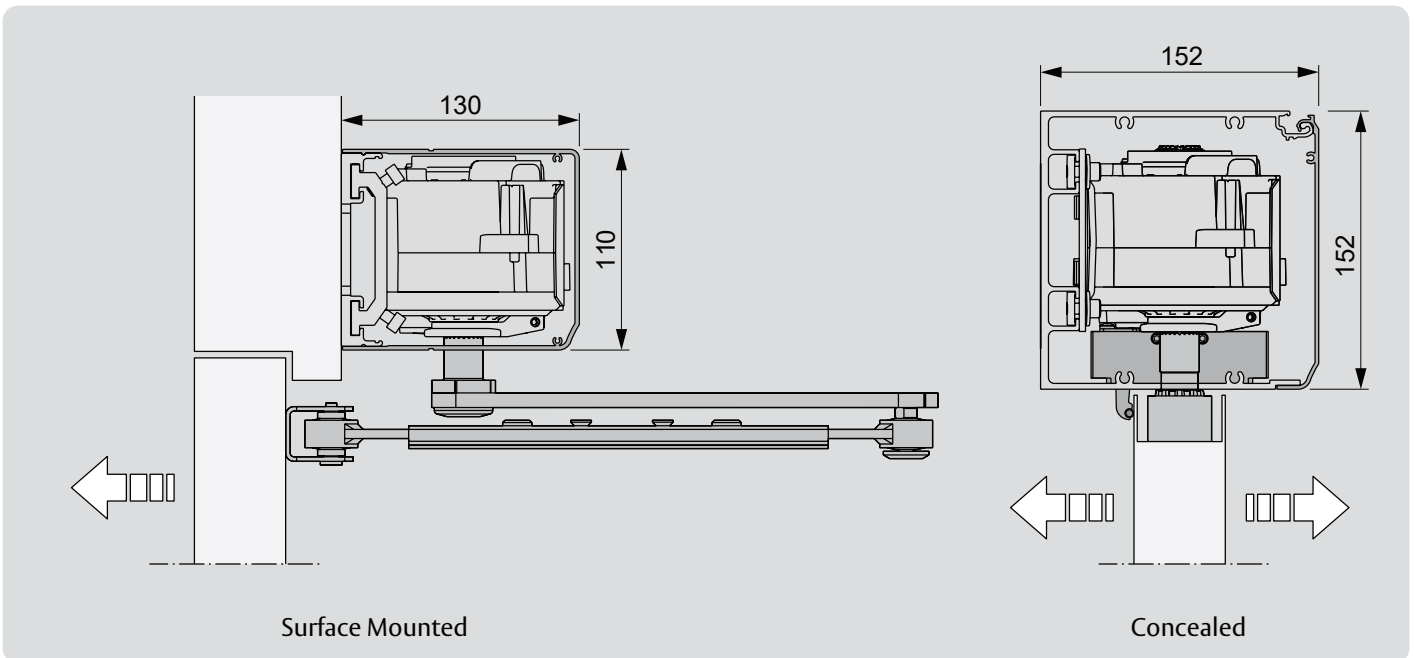
An entrance equipped with a ASSA ABLOY SW200 operator is always accessible due to battery backup. The ASSA ABLOY SW200 also monitors the battery for power and function, and gives an electronic indication if it is not working properly and needs to be replaced.

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 ASSA ABLOY SW200 can easily be manually opened when needed; despite extended closing torque, due to sensor detection ensuring lowest manual opening force.

## **180° Opening**

To enable the traffic flow in narrow passages, we can offer an 180° opening with full functionality in both safety and security.





**Security**

The ASSA ABLOY SW200'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 ASSA ABLOY SW200 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 ASSA ABLOY SW200 swing door is providing maximum performance. The ASSA ABLOY SW200 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.

*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.*

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
Monitored battery backup unit	24 V DC
Electromechanical locking connection	12 V DC, max. 1200 mA or 24 V DC, max. 600 mA
Ambient temperature	-20 °C to +45 °C
Relative humidity (non condensing)	95%
Recommended max. door weight and door width Inertia J = Door Weight x (door width) <sup>2</sup> /3 PUSH = 160 kgm <sup>2</sup> , PULL = 80 kgm <sup>2</sup> Concealed = 80 kgm <sup>2</sup>	
Class of protection IP20 - To be installed internally or externally with suitable weather protection	
The ASSA ABLOY SW200 complies with - EN 16005 - EN 60335-2-103 - IEC 60335-1 - IEC 60335-2-103 - UL 325 - UL 228 - UL 10C - EN 1634-1 - ANSI/BHMA A156.19	

Standard equipment	
Surface Mounted	
Cover - Silver anodized aluminium, other paint finishes optional	
Dimensions:	- Length 716 mm - Height 110 mm - Depth 130 mm
Concealed	
Cover - Silver anodized aluminium, other paint finishes optional	
Dimensions:	- Length min.750 mm - Height 152 mm - Depth 152 mm
Control unit CU-200 with EXU-SI and EXU-SA included - with possibility to connect manual and automatic activation units, position switches, el. locks, presence sensors, battery, kill, open/close etc.	
Push and go	
Power assist	

Accessories and Options	
Programme selectors	
Battery backup unit	
Sync cable – Used on double doors to select the opening and closing order	
Impulse and presence detection sensors	
Fire kit	
Arm systems PUSH, PULL and PAS	
Finger trap protection devices	

# Swing Door Operator SW300



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

## **Energy-efficiency**

ASSA ABLOY 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 ASSA ABLOY SW300 ensure minimal energy consumption for optimal door performance.

## **Safety**

The ASSA ABLOY 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 ASSA ABLOY 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.

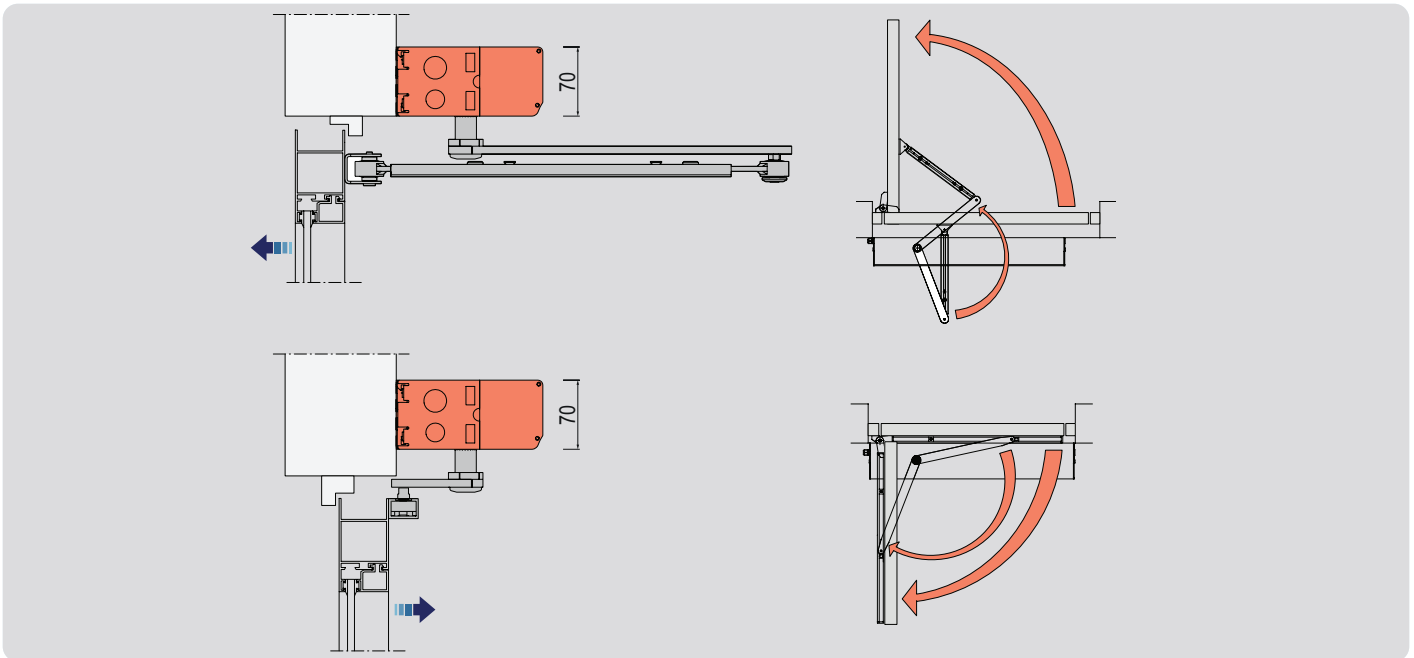
## **Convenience**

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

In addition to the standard version, there is a Double Acting (DA) function with possibility for manual opening in both directions with automatic reset.





### Security

ASSA ABLOY 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. ASSA ABLOY 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 ASSA ABLOY 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. ASSA ABLOY 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
Monitored battery backup unit	24 V DC
Electromechanical locking connection	12 V DC, max. 1200 mA or 24 V DC, max. 600 mA
Ambient temperature	-20 °C to +45 °C
Relative humidity (non condensing)	95%
Recommended max. door weight and door width Inertia J = Door Weight x (door width) <sup>2</sup> /3 PUSH = 140 kgm <sup>2</sup> , PULL = 80 kgm <sup>2</sup>	
Class of protection IP20 - To be installed internally or externally with suitable weather protection	
ASSA ABLOY SW300 complies with	
- EN 16005	
- EN 60335-2-103	
- IEC 60335-1	
- IEC 60335-2-103	
- EN 1634-1	
- EN 1158 (Push 4-7, Pull 4-6)	
- DIN 18263-4 (Push 4-7, Pull 4-6)	
- EN 1154 (Push 4-7, Pull 4-6)	
- EN 1155 (Push 4-7, Pull 4-6)	

### Standard equipment

Cover - Silver anodized aluminium, other paint finishes optional

Dimensions:

- Length 840 mm
- Height 70 mm
- Depth 148 mm

Control unit CU-300 with EXU-SI and EXU-SA included  
- with possibility to connect manual and automatic activation units, position switches, el. locks, presence sensors, battery, kill, open/close etc.

Push and go

Power assist

### Accessories and Options

Programme selectors

Sync cable - Used on double doors to select the opening and closing order

Battery backup unit

Coordination unit

Manual and automatic activation units

Impulse and presence detection sensors

Fire kit

Arm systems PUSH and PULL

Finger trap protection devices

Double acting kit

# Swing Door Operator SW300-S

**A new generation of smart swing door operators that combine efficiency, sustainability and business value. Featuring a modern design and reduced energy consumption through ECO mode, the new swing door app also includes a range of Smart features that enable quick and easy installation.**

## Innovative new features

Save both time and effort with our user-friendly app that guides you through every step of the installation process.

## Smart energy use for a sustainable future

The ASSA ABLOY SW300-S ECO mode reduces energy and power consumption in standby mode, promoting sustainability and lowering CO2 emissions.

## Auto-detection of accessories

The ASSA ABLOY SW300-S features “Extended Learning,” which automatically detects sensors and locks, simplifying installation.

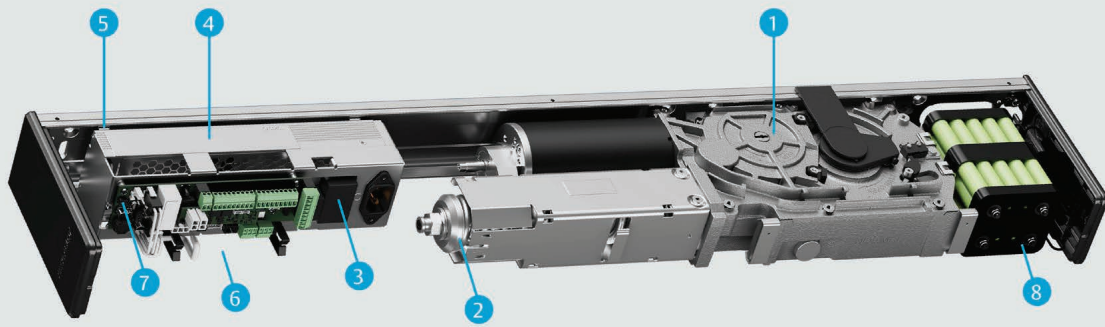
## Applications

- Fully automatic
- Manual with automatic on demand
- Smoke evacuation “automatic opening”
- Fire safety “automatic closing”
- Escape route double acting

## Simplified commissioning and smart troubleshooting with app

The app provides direct access to real-time door data, error information and enabling quick issue identification and resolution. You can conveniently upgrade firmware on-site through the same app.





- 15 Durable mechanics, tested for 1 million cycles
- 26 Self-closing spring, compliant up to EN7
- 37 ECO-Module: Reduced energy use in standby
- 48 Increased auxiliary voltage (2000 mA) for external accessories

- Quick mounting with new clip-in system
- Optimized space for wiring and cable management
- Wireless service app connectivity
- Optional fire-certified Power Back-up unit

### Models and covers

**Single operator** Standard cover: CL = 840 mm  
Full length cover: CL = Min. 840 mm / CL = Max. 5800 mm

### Double operator

Full length cover: CL = Min. 1684 mm / CL = Max. 5800 mm  
Modular cover: CL = Min. 1714 mm / CL = Max. 2630 mm

### Certificates

**EN 16005**  
**120min fire certified**

### Technical information

Power supply	100-240 V AC +10/-15%, 50/60 Hz
Auxiliary voltage for external accessories	24 V DC, 2000 mA
Door size	PUSH arm:: EN4-7 / Sliding arm: EN4-6
Max. Inertia (J)	PUSH arm: 140 kgm <sup>2</sup> / Sliding arm: 80 kgm <sup>2</sup>
Opening angle	70° ~ 110°
Opening time	2.5 ~ 12 S
Closing time	4 ~ 12 S
Reveal (push arm)	0 ~ 367 mm
Reveal (sliding arm)	-20 ~ 230 mm
Door leaf width (Single)	750 ~ 1400 mm
Min door leaf width (Double)	1600 mm
HOT	0 S ~ 15 hours
Drive unit weight	7.6 kg
Class of protection	IP20
Degree of protection, control actuators	IP54
Relative humidity	Max. 95%
Factory configuration	Full Power (FP), changable to Low Energy (LE)
Complies with	EN 16005, EN 60335-2-103, EN 1634-1



# Compact Revolving Door RD150

**The ASSA ABLOY RDI 50 Automatic Revolving Door that adapts safely to faster pedestrian traffic. The whole system is independently certified to comply with ENI 6005:2012.**

## **Sustainable Entrances**

ASSA ABLOY revolving doors can reduce the amount of energy needed to heat or cool a building, resulting in optimal energy savings and smaller carbon footprint. Regular maintenance, additional sensors and add-on products can further increase saving capabilities while prolonging the equipment's life.

## **Safety the highest priority**

To provide absolute peace of mind for the building owner, the whole system has been independently tested and certified against the most demanding and up to date European standards for product safety, EN 16005:2012.

## **Convenience**

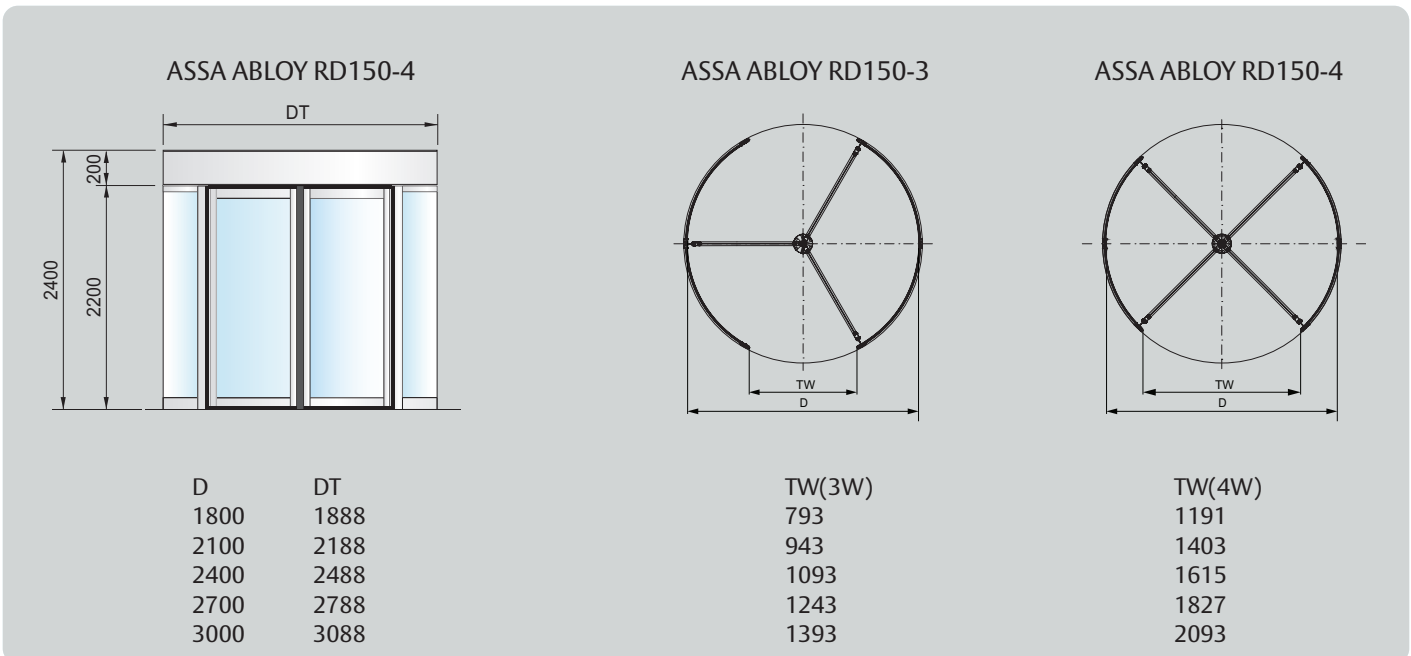
The ASSA ABLOY RDI 50 combines the advantages of a fully automatic revolving door for convenience, with the flexibility of a manually operated door for faster access. It is unique in so far as the Automatic High Speed and the Manual Speed Control settings can be individually adjusted to different values. The door mounted safety systems are active in all operations and will prevent the manual use of the door set, at a speed that is faster than the slowest occupant.

## **Aesthetics**

ASSA ABLOY RDI 50 can be ordered in different configurations depending on the customer's needs.

All of our revolving door systems are made from ASSA ABLOY -designed aluminium profiles which can be anodized, powder-coated or stainless steelclad. The doors are designed so that they can be placed and fixed directly onto an existing finished floor surface. No special foundations are required. For new construction and replacement, a ground ring is available as an option.





**Control system**

The CDCI 00 a unique embedded control system developed by ASSA ABLOY Entrance Systems to facilitate a fully integrated entrance solution with no compromise in design or function.

- Optimizing installation time and maintenance
- Automatic system check up upon installation
- Fast and safe adjustments and initial set up of all safety zones and speed settings
- Monitored safety systems
- Minimum down time
- Automatic event log
- Automatic diagnostics
- Graphic service interface
- Showing system status
- Parameter configuration

**User benefits**

A revolving door that adapts intuitively to each user, controls excess speed and stops in just the right position.

- Dual function Automatic Revolving Door System providing hands free operation and safe Manual Speed control.
- Safety systems are active in all operations.
- Adaptive “Fast Track” functionality.
- Door wings always return to the next park position, creating a natural safe path for entry or exit, as well as maximising energy efficiency and minimising air leakage.
- Future proof technology for easy re-purposing of the door system, in the event of a change in building use.

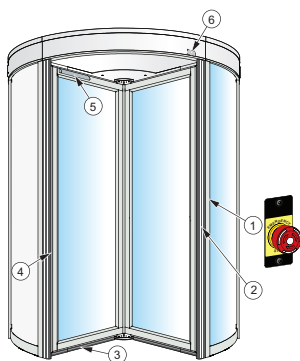
**Standard safety features**

The door range combines safety and convenience, whilst placing the safety of the user as its number one priority.

- If an obstacle prohibits the rotation of the door (the resistance is higher than the

pre-set value) the rotation will cease.

- Unique soft edge rubber profiles to the door leaves all help to reduce the risk of injury from contact with the door.
- Low energy rotation returns the door safely to the parked position, with every door leaf edge guarded by the outer walls.
- Compressible safety edges with monitored switching, applied to the outer wall entrance posts and door wing horizontal/ vertical edges signal the door to stop.



1. Emergency stop button
2. Pressure sensitive safety edges on the drum edges
3. Horizontal pressure sensitive safety edges on the door leaves
4. Vertical pressure sensitive safety edges on the door leaves
5. Infrared presence sensing system (option)
6. Vertical presence photocell sensor PDR (option)



### Technical specifications

Power supply	100-240 VAC+10/-15%, 50/60 Hz, mains fuse max. 10 A (building installation)
Power consumption	360W

### Standard equipment

Automatic drive with integrated digital encoder
Control unit built-in behind the fascia above the inside entrance
Microprocessor controlled with plug-in modules, LED status lights and graphic service interface
Speed control
Pressure sensitive safety edges on the drum edges
Outer wall and door sections made from aluminium profiles
Glass Outer wall: 4 + 4 mm clear laminated (Frame/Slim)
Glass door leaves: 3 + 3 mm clear laminated (Frame)
Other types of glass available
Ceiling made from white laminated panels
Dust protection roof made from white laminated panels
Emergency stop button
Independent certification to EN16005:2012



### Accessories and Options

Two outer wall designs; Frame or Slim.	
Powder-coated finish (RAL colours)	
Anodizing, clear or bronze	
Stainless steel cladding	
Vertical pressure sensitive safety edges on the door leaves	
Horizontal pressure sensitive safety edges on the door leaves	
Night closing doors (NCD), manual or automatic	
RC3 burglar resistance according to EN1627:2011	
Mechanical lock on NCD	
Mechanical lock on door leaf	
Fascia, non-standard height	200 - 1250 mm
Internal height non-standard	2000 - 3000 mm
Sheet metal sandwich panel instead of glass (Frame only)	
Ground ring for unfinished floor	
Various finishes to ceiling and dust cover	
Water-resistant cover	
Midrails on door leaves and/or outer walls	
Lighting; LED spots or LED down-lights, with control.	
Insulation to the canopy and roof	
Intelligent Air curtain integrated in the canopy or external side mounted	
Additional emergency stop button	
Infrared presence sensing system	
Vertical presence photocell sensor PDR	

# Compact Revolving Door

## RD3

## RD4

**ASSA ABLOY's 3- and 4-wing compact revolving doors RD3/RD4 help to maintain a comfortable indoor climate and at the same time save energy costs.**

#### **Sustainable Entrances**

ASSA ABLOY revolving doors can reduce the amount of energy needed to heat or cool a building, resulting in optimal energy savings and smaller carbon footprint. Regular maintenance, additional sensors and add-on products can further increase saving capabilities while prolonging the equipment's life.

#### **Comfort, safety and economy**

The ASSA ABLOY RD3 and ASSA ABLOY RD4 combines the advantages of a revolving door for the internal environment with the safety and security of an automatic door, at a cost more typically associated with manual revolving doors. The larger diameters in the ASSA ABLOY RD3 and ASSA ABLOY RD4 range are suitable for people carrying luggage, for example, at a hotel entrance. The smaller diameters provide an entrance door suitable for moderate pedestrian traffic.

#### **Safety the highest priority**

The door range combines safety and practicality with the safety of the user as its number one priority. To prevent injury, the drum edges are equipped with soft safety edges.

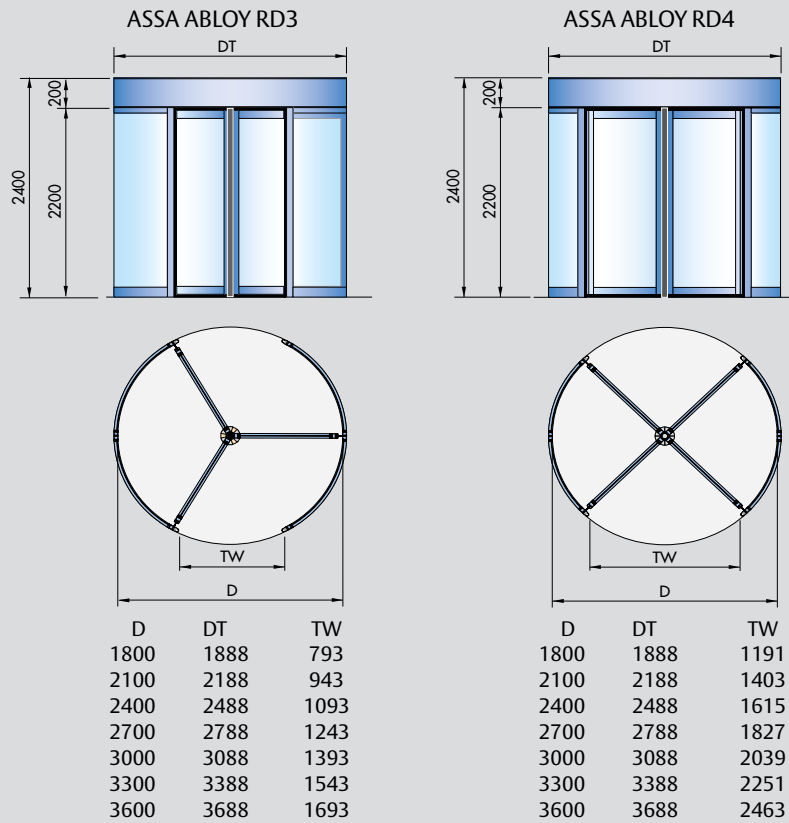
#### **Safety features**

- If an obstacle prohibits the rotation of the door (the resistance is higher than the pre-set value) the rotation will cease
- Compressible vertical safety switches placed on the drum edges
- Speed control
- Emergency break-out system (optional)



#### **Technical specifications**

Power supply	230 V, 50 Hz, mains fuse max 10 A, 100-120 V, 50/60 Hz, mains fuse max 16 A
Power consumption	200W /30W resting
Lighting LED 5W	30W /60W



### Standard equipment

Automatic drive

Control unit built-in behind the fascia above the inside entrance

Microprocessor controlled with plug-in modules and LED status lights

Speed control

Vertical safety switches

Glass wall:  
4 + 4 mm clear laminated (Frame/Slim)

Glass door leaves:  
- 3 + 3 mm laminated (Frame)  
- 6 + 6 mm laminated and tempered (Slim)

Other types of glass available

Door sections made from aluminium profiles

Ceiling made from white laminated panels

Dust protection roof made from white laminated panels

Emergency stop

### Accessories and Options

ASSA ABLOY activators

Powder-coated finish (RAL colours)

Anodizing, clear or bronze

Stainless steel cladding

Electromechanical lock

Night closing doors (NCD), manual or automatic

Mechanical lock on NCD

Fascia, non-standard height (200 - 1250 mm)

Internal height non-standard (2100 - 3000 mm)\*  
\*2600 for door diameter 3600mm

Sheet metal sandwich panel instead of glass (Frame only)

Access control program device

Ground ring for unfinished floor

Disabled push button

Various options for ceiling surface

Spotlights/Downlights

Water-resistant cover

Rotation brake

Emergency break-out system

Midrails on door leaves and/or outer walls

Additional safety on rotating part

# All Glass Revolving Door RD300

**ASSA ABLOY Entrance Systems beautiful, all-glass 3- or 4-wing revolving doors are the crown jewels within our energy-saving entrance portfolio and a high-tech masterpiece for any building**

## **The beauty of a green entrance**

With the ASSA ABLOY RD300 revolving door your indoor climate will be safeguarded against unwanted air infiltration, enabling you to take control of your energy consumption without compromising with a welcoming, luxurious entrance.

Since revolving doors are always open, yet always closed - no wonder they are referred to as "The Green Machines". What you spend on a new impressive entrance, you will gain in energy-savings due to optimal separation of climate zones.

## **Beautiful on the inside and out**

From design to installation and operation - our allglass revolving doors incorporate beauty inside out.

## **State-of-the-art convenience**

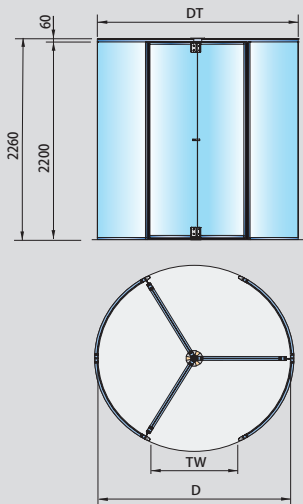
The all-glass revolvers are available in a variety of diameters, ensuring optimal convenience for staff, customers and guests accompanied by goods or luggage. And staying true to our reputation - market leading in safety, naturally.



## **Technical specifications**

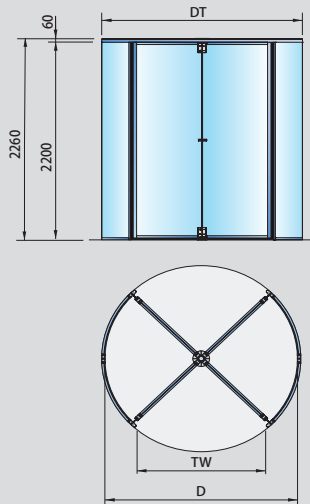
Power supply	230 V, 50 Hz, mains fuse max. 10 AT, 100-120 V, 50/60 Hz, mains fuse max. 16 AT
Power consumption	
Standard drive unit	200W / resting 30W
Max. support	400W / resting 30W

ASSA ABLOY RD300-3



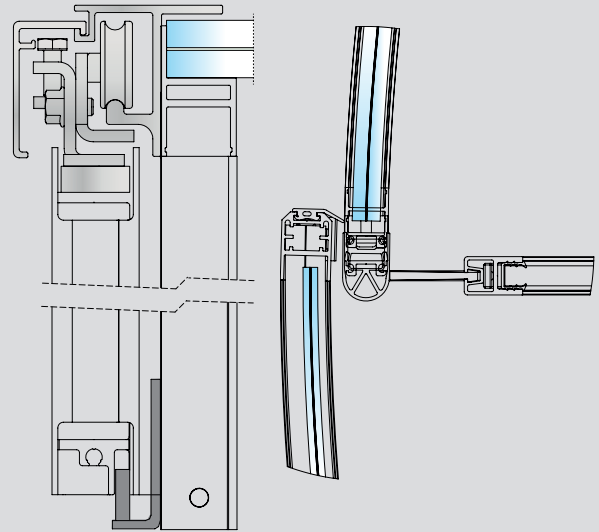
D	DT	TW
1800	1852	853
2100	2152	1003
2400	2452	1153
2700	2752	1303
3000	3052	1453

ASSA ABLOY RD300-4



D	DT	TW
1800	1852	1237
2100	2152	1449
2400	2452	1661
2700	2752	1873
3000	3052	2085

Night closing doors (NCD)



### Serviceability

This unique and state-of-the-art control system was developed with no compromise in design or function. The system ensures lowest operating and maintenance cost, while ensuring the highest safety and best performance.

### Optimizing installation time and maintenance:

- The ASSA ABLOY RD300 is equipped with a program selector with access codes to operate the door
- Automatic system check up upon installation
- Fast and safe adjustments and initial set up of all safety zones and speed settings
- Self-checking of safety systems
- Automatic indication of service intervals
- Automatic event log
- Automatic diagnostics

### Safety

The all-glass door range has user safety as its number one priority.

- To prevent injury, the drum edges are equipped with soft safety edges
- If an obstacle prohibits the rotation of the door (the resistance is higher than the pre-set value) the rotation will cease
- Horizontal safety switches on the rotating doors
- Speed control
- State-of-the-art sensors for safety, activation and comfort

### Design

Design is more than what meets the eye. Design can also equal convenience and comfort, for example when it comes to flexibility in configurations and aesthetics to match your needs and building design. It can also support

serviceability by keeping it simple.

- ASSA ABLOY RD300 is available in various sizes with flexible internal height
- In-ground drive mechanism for optimal aesthetics and minimal noise
- Designed for minimal floor preparation and ease of maintenance
- Suspended night closing doors for optimal aesthetics

### Security

Don't let the luxurious look and feel fool you - the ASSA ABLOY RD300 has building security incorporated into its design.

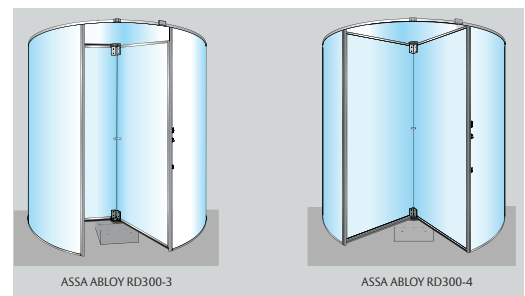
- Reinforced and glass through-out the revolving door
- Access levels and password protected user interface on program control device
- Optional manual night closing doors

### Standard equipment

Automatic drive	
Control unit built-in under the ground	
Vertical safety switches	
Glass wall	8 + 8 mm clear laminated
Glass door leaves	15mm tempered glass (2600 mm < HI ≤ 3000 mm) 12mm tempered glass (HI ≤ 2600 mm)
Glass ceiling	8+8 mm laminated glass
Door sections made from aluminium profiles	
ASSA ABLOY activators	
Fascia, standard height 60 mm	
Emergency stop (inside)	

### Accessories and Options

Powder-coated finish
Stainless steel cladding
Mechanical lock
Electromechanical lock
Night closing doors (NCD), manual
Mechanical lock on NCD
Internal height non-standard (2000 - 3000 mm)
Disabled push button
Additional safety on rotating part
Concealed sensor lid
Emergency stop (outside)
Ground ring for unfinished floor



ASSA ABLOY RD300-3

ASSA ABLOY RD300-4

# High-capacity Revolving Door RD600 (2-wing)



**Welcome pedestrians with strollers or wheelchairs while maintaining a steady indoor climate with the largest 2-wing revolving door available.**

#### **A door that knows how to make an entrance**

The ASSA ABLOY RD600 revolving door provides a wide and welcoming entrance that eliminates draughts and safeguards indoor climate against unwanted air infiltration — while reducing energy consumption and costs. Regular maintenance, additional sensors, and add-ons can further improve sustainability while prolonging the door's life.

#### **Exclusive revolving door configuration**

The two large compartments of the RD600 offer the widest and safest choice for entrances that must handle high-pedestrian traffic and enable unimpeded access. The shape also allows for the placement of numerous safety devices in both the horizontal and vertical planes, thus giving said safety devices the longest possible fields without hindering traffic flow. Along with its unique size, the RD600 can be designed with an automatic sliding or swing door in the center of the unit. When in operation, the sliding or swing doors give the same clear opening width as the throat opening of the outer drum.

#### **Proven design and versatility**

The drive system of the ASSA ABLOY RD600 is located on the inside of the fascia so as to take stress of the unit and reduce maintenance costs in the long run. The geometry of the rotating section lets the trailing edge retain much of the air within while a flat surface enhances the user's safety with multiple safety devices. The RD600 can be placed and fixed directly onto a finished floor surface provided the foundations are level and can bear the weight of the door. The 2-wing configuration makes night security doors unnecessary as the rotating section can be parked and locked in the closed position. Available in different diameters and with clockwise or counterclockwise rotation, the versatility of the RD600 gives it global use — from airports and hospitals to hotels, banks, offices, supermarkets and more.





User safety and accessibility is priority. In high-traffic areas it's critical to offer an entrance which is safe and accessible for everyone, with the RD600's number one priority being user safety. Both the rotating section and the outer walls include touchless presence detectors and soft safety edges in the vertical and horizontal planes, while the system itself is also touchless. If the rotating section meets a stationary or slow-moving object, the door automatically slows down and, if necessary, stops.

#### Additional safety features\*:

- Emergency safety unit powered by a constantly monitored backup battery
- Automatic emergency positioning of the door for an unobstructed evacuation path
- Touchless sensors placed vertically above the entrances
- Compressible vertical/horizontal safety switches placed on the leading edges of the rotating section
- Touchless safety sensors placed in the ceiling of the rotating section
- Center door leaves with break-out function (swing door configuration)

*\*All ASSA ABLOY RD600 systems have been tested and certified by authorized/accredited laboratories. National standards may influence the choice of safety functions*

#### A unique system giving you full control

The RD600 utilizes ASSA ABLOY's unique CDC control system, which has been designed to ensure the lowest operating and maintenance costs while providing optimal safety. The system employs automatic diagnostics stored in an event log. The combined control/drive system is located on the inside

of the fascia to reduce stress on the unit.

In addition, the RD600 optimizes installation time and maintenance by coming equipped with the following:

- Program selector with access codes to operate the door
- Automatic system checkup upon installation
- Fast and safe adjustments and initial set up of all safety zones and speed settings
- Self-checking of safety systems
- Automatic indication of service intervals
- Automatic event log
- Automatic diagnostics

#### A range of operating modes available

- With the password-protected program selector, choose between the following operating modes:
  - Autostart from open
  - Autostart from open, exit only
  - Autostart from closed
  - Auto start from closed, exit only
  - Continuous rotation on low speed, automatic
  - startup to high speed when pulse is activated
  - Manual override, forward or reverse
  - Closed (locked)
  - Summer (open) position
  - Programmable clock

#### A rotating advertising space for your brand or others

The rotating section of the ASSA ABLOY RD600 has two enclosed triangular sections. The position of these glass-covered enclosures makes them ideal for displays or advertising areas. By renting out these cubicles, it is possible to make a good return on the initial capital outlay. Meaning that the ASSA ABLOY RD600 not only saves on overheads by reducing demand for heating and air conditioning — it also creates further value with this

unique advertising feature. Indoor climate control with minimized ventilation effect. Unlike traditional 3 or 4-wing revolving doors, the unique 2-wing geometry of the RD600 does not create a ventilation effect. Instead, it minimizes outside air entering a building and inside air exiting a building, resulting in optimal energy savings and draught control. The RD600 can be equipped with self-contained climate control features operated by the CDC control system — thereby contributing to an even better indoor climate.

#### Evacuation path

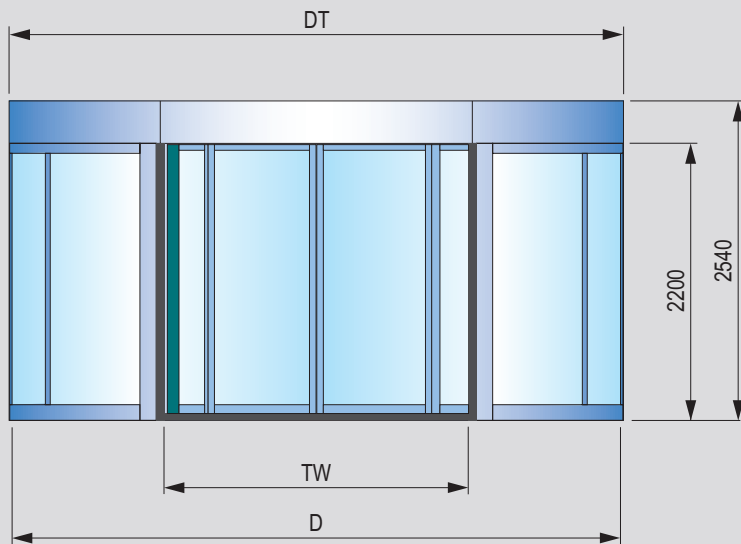
Subject to local safety standards, building regulations and fire codes, the revolving door can also be linked to your fire alarm system with the supervised emergency safety unit. In case of an emergency or power outage, the doors will automatically rotate to the central passage position and stop. The center door leaves with break-out or automatic slide open function provide a clear and unimpeded evacuation path.

#### Additional functionality

During extremely high-traffic periods or high temperatures, the optional center sliding door leaves can be activated within seconds. The revolving drum is parked and does not rotate, allowing the door to be used as an automatic sliding door entrance to provide additional ventilation and access to the building.

#### Create accessibility for everyone

The ASSA ABLOY RD600 takes the dimensions of a wheelchair with an attendant into consideration and is unique in allowing the wheelchair virtual straight-line access through the unit. This straightline access is also greatly appreciated by the elderly or people with disabilities.



	D	DT	TW
RD600-36	3600	3688	1800
RD600-42	4200	4288	2100
RD600-48	4800	4888	2400
RD600-54	5400	5488	2700

### Rotation speed adjustment

High Speed	Adjustable between 1 and 3 rpm
Low Speed	Adjustable between 0.5 and 2.5 rpm

### Standard equipment

Curved glass 4 + 4 mm clear laminated
Flat glass 3 + 3 mm clear laminated
Other types of glass available
Door sections of aluminium profiles
Center door leaves with break-out function
Ceiling of white laminated panels
Dust protection roof
CDC control unit built-in behind the fascia beside the inside entrance
Built-in activators

### Technical specifications

Power supply	230 V, 50 Hz, mains fuse max 10 A, 100-120 V, 50/60 Hz, mains fuse max 16 A
Power consumption	400 W /30 W resting
Lighting LED 5 W	70 W

ASSA ABLOY RD600 complies with:  
 EN 60335-1  
 EN 60335-2-103  
 EN 61000-6-2  
 EN 61000-6-3  
 EN ISO 13849-1  
 EN 16005

### Accessories and options

Powder-coated finish (RAL colors)
Anodizing, clear or bronze
Stainless steel cladding
Electromechanical lock
Mechanical lock
Extra program selector
Spotlights or downlights
Midrails
Sheet metal sandwich panel instead of glass
Water-resistant cover
Internal height non-standard (max. 2600 mm)
Fascia height non-standard (max. 1250 mm)
Reduced speed activated by push-button (for people with disabilities)
Motorized opening of center door leaves for service opening/smoke evacuation
Sliding doors in center
Direction sensing radar
Climate control
Clockwise rotation
ASSA ABLOY air curtain system



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CERTIFIERING  
KONTROLL



# Why is it important to service & maintain your ASSA ABLOY automatic door?

## **Safety and Security**

Ensuring the safety and security of customers and employees is a top priority. Regular service helps identify and address potential issues before they escalate, ensuring smooth and safe operation.

## **Customer Experience**

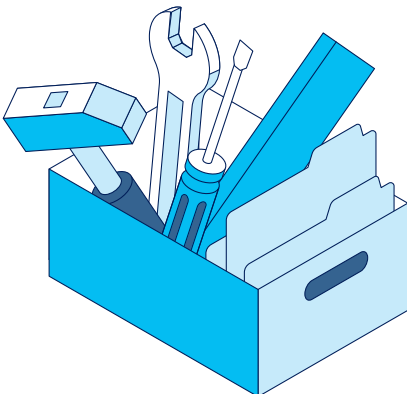
A well maintained automatic door enhances user experience by providing a seamless and hassle-free entry and exit.

## **Energy Efficiency**

Proper maintenance optimizes the performance of the doors improving energy efficiency and reducing operating costs.

## **Legal Compliance**

Maintaining automatic sliding doors in compliance with safety and accessibility regulations is essential to avoid fines or penalties.



# Service, Maintenance & Installation Support

To ensure optimal performance, safety, and longevity, all equipment featured in this brochure should be installed, regularly inspected, maintained, and serviced only by a trained and authorised ASSA ABLOY service technician.

We offer comprehensive service and maintenance plans, as well as full installation services to keep your automated door systems operating at their best year-round.

**Contact us today to learn more about our tailored service solutions and ongoing support options.**



# Contact us to place your order

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