Swing Door
ASSA ABLOY SW200i™

ASSA ABLOY Entrance Systems

The global leader in door opening solutions

Intelligent Innovation
The simple solution to all swing door challenges

If you design or manage facilities with automatic swing doors, you know there are several issues to address. Closing against wind conditions, encountering interior stack pressure, meeting low energy manual push forces, functioning to pedestrian codes or overcoming latch hardware all represent challenging conditions where swing door operators must adapt and perform.

By creating a single operator with flexibility to perform well in varying environments and conditions, ASSA ABLOY Entrance Systems made the specification, design, and selection process significantly easier. And because the ASSA ABLOY SW200i delivers proven performance for a number of different configurations, it provides facilities with more solutions and even greater flexibility.
**ENERGY EFFICIENT**
- Separate Time Delay
- Power Surge Protection
- Brown Out Performance

**AIR PRESSURE MANAGEMENT**
- Stack Pressure Compensation
- Intelligent Trajectory Control
- Extended Closing Torque (ECT)

**SECURE LATCH**
- Latch Retry
- Electric Lock Management
- Security Integration
- Astragal Coordination

**EASY OPEN**
- Power Assist

**MAXIMUM STRENGTH**
- 700 Pounds Max Door Weight
Proven performance in the most demanding environments

AIR PRESSURE MANAGEMENT

Stack Pressure Compensation
Allows for door to adjust to changes in variable pressures by utilizing the ASSA ABLOY SW200i exclusive Intelligent Trajectory Control and Extended Closing Torque (ECT).

Intelligent Trajectory Control
The ASSA ABLOY SW200i knows where the door should be at all times and adjusts torque accordingly through dynamic braking which helps cushion the door during the opening or closing cycles.

Extended Closing Torque (ECT)
The last 10 degrees of the closing cycle is the most challenging for a swing door operator, ASSA ABLOY’s exclusive Extended Closing Torque (ECT) functionality provides extra torque, if needed, to close and latch the door. Speed remains constant so the door stays within ANSI standards.

EASY OPEN

Manual Push Forces of 5-15 lbf
Easy to push open manually, yet strong enough to close and latch despite wind or air pressure.

Power Assist
Makes a heavy door (or spring) feel light.

MAXIMUM STRENGTH

700 Pounds Max Door Weight
The ASSA ABLOY SW200i can handle door weights of up to 700 pounds per operator.

SECURE LATCH

Latch Retry
If the door does not latch when closing, the ASSA ABLOY SW200i will detect this condition and immediately open the door to 10 degrees and execute two attempts to latch the door.

Electric Lock Management
Features latch retry and electric lock management that momentarily reverses the closed door before opening to insure lock release. Monitors locks if equipped with that functionality.

Security Integration
The ASSA ABLOY SW200i operator knows when the door is closed and can provide a signal for security monitoring.

Astragal Coordination
On-board electronic coordinator controls that doors always close in right order and can therefore be properly locked. Coordinator allows door with astragal to open first, close last. If in hold open, door without astragal will not pass door with astragal.
Fits where you need it

FLEXIBILITY AND VALUE

On-Board Functionality
The ASSA ABLOY SW200i has on-board capabilities such as timing sequencing, transformer, astragal coordination and Extended Closing Torque (ECT).

Adaptable for Multiple Uses
One operator can handle all your facility needs – wind conditions, pedestrian usage, low energy, manual use, etc.

Battery Back-up
The optional battery back-up system allows for continued operation after power fails.

ENERGY EFFICIENT

Separate Time Delay
The ASSA ABLOY SW200i includes two time delays for separate devices (i.e., standard activation, key activation). If a device is located further than another, separate opening/closing times can be set to best maximize operation, enhance security and reduce air infiltration.

Power Surge Protection
The ASSA ABLOY SW200i operator can handle variances in power without damage to the unit or impact to performance.

Brown Out Performance
The operator can adjust to dips in power and continue to operate from 85V – 264V.

Low Energy Consumption
Four operators can run on one 20 amp line – saving you energy.

Directional Sensors
Units equipped with directional sensors reduce air infiltration by allowing less time with the door open.

SERVICE SAVINGS

Adapting to Changing Needs
Air flow can change in a building as configurations evolve (new doorways, rooms, HVAC systems, etc.). Other operators can change performance in these situations and require a service call for adjustment. The ASSA ABLOY SW200i adapts to changing environments, thereby saving you the cost of service calls for these necessary adjustments.

Non-volatile Memory
When the power goes out, other operators can go through a relearn mode. The ASSA ABLOY SW200i retains its memory even after a power loss, providing you with more consistent performance and consistent opening and closing.

Fuseless Technology
No fuses to replace allows for consistent performance and reduces service call requirements and costs.

A clear advantage over the competition

<table>
<thead>
<tr>
<th>Attribute</th>
<th>ASSA ABLOY SW200i</th>
<th>Others</th>
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<tbody>
<tr>
<td>MAX WEIGHT OF DOOR</td>
<td>700 lbs</td>
<td>200-350 lbs</td>
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<tr>
<td>MANUAL PUSH FORCES OF 5 TO 15 LBF</td>
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<td>AUTOMATICALLY COMPENSATES FOR STACK PRESSURE</td>
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<tr>
<td>ON-BOARD EXTENDED CLOSING TORQUE (ECT)</td>
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<td>ON-BOARD TRANSFORMER</td>
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<td>ON-BOARD TIMING SEQUENCER</td>
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<tr>
<td>AUTOMATICALLY MEASURES INERTIA AND WEIGHT OF DOOR DURING SET-UP</td>
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A full line of sensor solutions

Swing doors complying with pedestrian standards have varying needs and requirements. When complying with ANSI A156.10 standard for power operated pedestrian doors, the ASSA ABLOY SW200i is available with three ASSA ABLOY i-Adapt sensor packages. Choose the package that’s right for you.

**ASSA ABLOY SW200i i-Adapt Sensor Systems**
Offering three levels of coverage to exceed ANSI A156.10*

<table>
<thead>
<tr>
<th>i-ADAPT FLEX 101</th>
<th>i-ADAPT FLEX 102</th>
<th>i-ADAPT PREMIUM 202</th>
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<tbody>
<tr>
<td>Door mounted presence sensor (swing side)</td>
<td>Door mounted presence sensor (swing &amp; approach side)</td>
<td>Door mounted presence sensor with adaptive field (swing &amp; approach side)</td>
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<tr>
<td>Overhead presence sensor</td>
<td>Overhead presence sensor</td>
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*Activation devices available separately

Keeping your entrances up-to-date

To meet evolving safety standards and keep your equipment operating in top condition, there’s no better partner than ASSA ABLOY Entrance Systems. Our swing door operators are backed by comprehensive service and expert technicians. With a carefully selected stock of service parts, our certified technicians can maintain, service and upgrade not only ASSA ABLOY equipment, but all brands. They can be counted on for expert advice and quick dispatch in the event of an emergency...24/7.
Flexible configurations for any application

The ASSA ABLOY SW200i is available in a variety of configurations, sizes and finishes to suit the requirements of any project. Consult with an ASSA ABLOY Entrance Systems automatic door specialist to determine the best equipment, configuration, and layout to help you achieve code compliance, maximize energy efficiency and optimize traffic flow.

**Surface Mount**
The ASSA ABLOY SW200i in surface mount configuration is ideal for new construction or retrofit applications...easily transforming your existing manual doors to automatic door convenience. Featuring advanced technology such as stack pressure compensation, compliance with both ANSI A156.10 and A156.19, secure latching and easy to use manual push forces, it's the only swing door operator you need.

**Overhead Concealed**
The ASSA ABLOY SW200i-OHC provides an aesthetically pleasing solution that is attractive and incomparably strong. The intelligent door operator features advanced technology that ensures smooth, gentle operation across a wide range of conditions.

**Overhead Concealed with Door Package**
The ASSA ABLOY SW200i-OHC with door package provides the convenience of an aluminum door package powered by the innovative features of the ASSA ABLOY SW200i operator. Aesthetics, strength and flexibility make this an ideal door package for many needs.

**In Ground**
The ASSA ABLOY SW200i-IG provides reliable in ground mounting provided as a complete system: the powerful ASSA ABLOY SW200i operator, moisture resistant enclosure and adaptability to multiple arm systems to provide you with the utmost in flexibility.

**Pro-Active Care Service**
Keep your doors at optimal performance levels with ASSA ABLOY Entrance Systems Pro-Active Care Service. We offer upgrades and modernization of existing swing equipment to ASSA ABLOY SW200i performance.

**Application Expertise**
Code compliance, sensor selection, access control integration...consult the experts at ASSA ABLOY Entrance Systems to help you design or configure your entrance or corridor to your specific needs.
ASSA ABLOY Entrance Systems is a leading supplier of entrance automation solutions for efficient flow of goods and people. Building on the long-term success of the Besam, Albany and Megadoor brands, we offer our solutions under the ASSA ABLOY brand. Our products and services are 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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