

# The ASSA ABLOY Entrance Systems Swing Door Collection

- SW200i
- SW200i-IG
- SW100
- SW60

**ASSA ABLOY**  
Entrance Systems

Experience a safer  
and more open world

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*Swing Door Operator*  
**ASSA ABLOY SW60**

# One partner for all your entrance needs

## *Architectural & specifications services*

From planning and design to construction and delivery, ASSA ABLOY Entrance Systems supports you in meeting the requirements of your project.

## *Local service*

Our fast and convenient service is supported by highly trained professional technicians who offer extensive knowledge and expertise.

## *Products for today and the future*

Automatic doors welcome visitors, guide traffic and help create touchless access. With our range of sliding, swing, ICU and revolving doors, we offer many ways to provide convenience, secure entrances and meet accessibility standards.



# Swing Door ASSA ABLOY SW200i

## The simple solution to all swing door challenges

If you design or manage facilities with automatic swing doors, you know there are several matters to think about. 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 makes 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.

## Fits where you need it

### FLEXIBILITY AND VALUE

#### On-Board Functionality

The ASSA ABLOY SW200i has on-board capabilities such as timing sequencing, transformer, strike output, 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 Backup

The optional battery backup system allows for continued operation after power failures.

### ENERGY EFFICIENT

#### Separate Time Delay

The ASSA ABLOY SW200i includes two time delays for separate devices (e.g., standard activation, key activation). If a device is located farther away 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 circuit – 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 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

	Others	ASSA ABLOY SW200i
MAX WEIGHT OF DOOR	200–350 lbs	700 lbs
MANUAL PUSH FORCES OF 5 TO 15 LBF		✓
AUTOMATICALLY COMPENSATES FOR STACK PRESSURE AND WIND		✓
ON-BOARD EXTENDED CLOSING TORQUE (ECT)		✓
ON-BOARD TRANSFORMER		✓
ON-BOARD TIMING SEQUENCER		✓
AUTOMATICALLY MEASURES INERTIA AND WEIGHT OF DOOR DURING SETUP		✓
ON-BOARD 12/24 DC STRIKE OUTPUT		✓

A full line of sensor solutions

Swing doors complying with pedestrian standards have varying needs and requirements. When complying with ANSI/BHMA 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\*

I-ADAPT FLEX 101



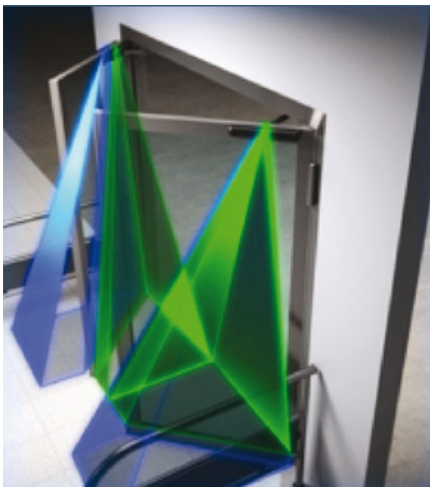
- ✓ Door mounted presence sensor (swing side)
- ✓ Overhead presence sensor

I-ADAPT FLEX 102



- ✓ Door mounted presence sensor (swing & approach side)
- ✓ Overhead presence sensor

I-ADAPT PREMIUM 202



- ✓ Door-mounted presence sensor with adaptive field (swing & approach side)

FOR ILLUSTRATION PURPOSES ONLY; ACTUAL SENSOR PATTERNS WILL VARY.  
\*ACTIVATION DEVICES AVAILABLE SEPARATELY.

Proven Performance

ASSA ABLOY SW200i door operators feature an intelligent and flexible design that offers superior performance in varying environments and conditions.



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 are the most challenging for a swing door operator, so 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 ensure 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, always closing them in the right order and properly locking them. Coordinator allows door with astragal to open first, close last. If held open, door without astragal will not pass door with astragal.



# Swing Door ASSA ABLOY SW200i-IG

## The better way to mount in-ground

Whether you are designing a modern architectural masterpiece or preserving the historical integrity of a building, in-ground mounting provides an ideal way to automate doorways without compromising the integrity of your design.

Successfully mounting an operator in-ground requires a system with superior engineering, able to perform to the challenging conditions of heavy doors, multiple arm configurations and wind or stack pressure. ASSA ABLOY Entrance Systems is pleased to offer the ASSA ABLOY SW200i-IG, a complete, single-sourced system that sets a new standard for unsurpassed in-ground performance.

The ASSA ABLOY SW200i-IG is designed and provided as a complete system in-ground enclosure, operator and arm adapter. The enclosure is water resistant and powder coated to prevent corrosion. The adaptability to multiple arm configurations allows great flexibility for integration with your design. Plus, the ASSA ABLOY SW200i-IG utilizes the proven and powerful ASSA ABLOY SW200i operator, specified to 700 pounds per operator for most arm configurations. It offers superior performance with the heaviest of doors. The ASSA ABLOY SW200i's exclusive air pressure management system, which allows for the door to adjust to changes in variable pressures, makes it the perfect solution for exterior applications where wind conditions might occur.

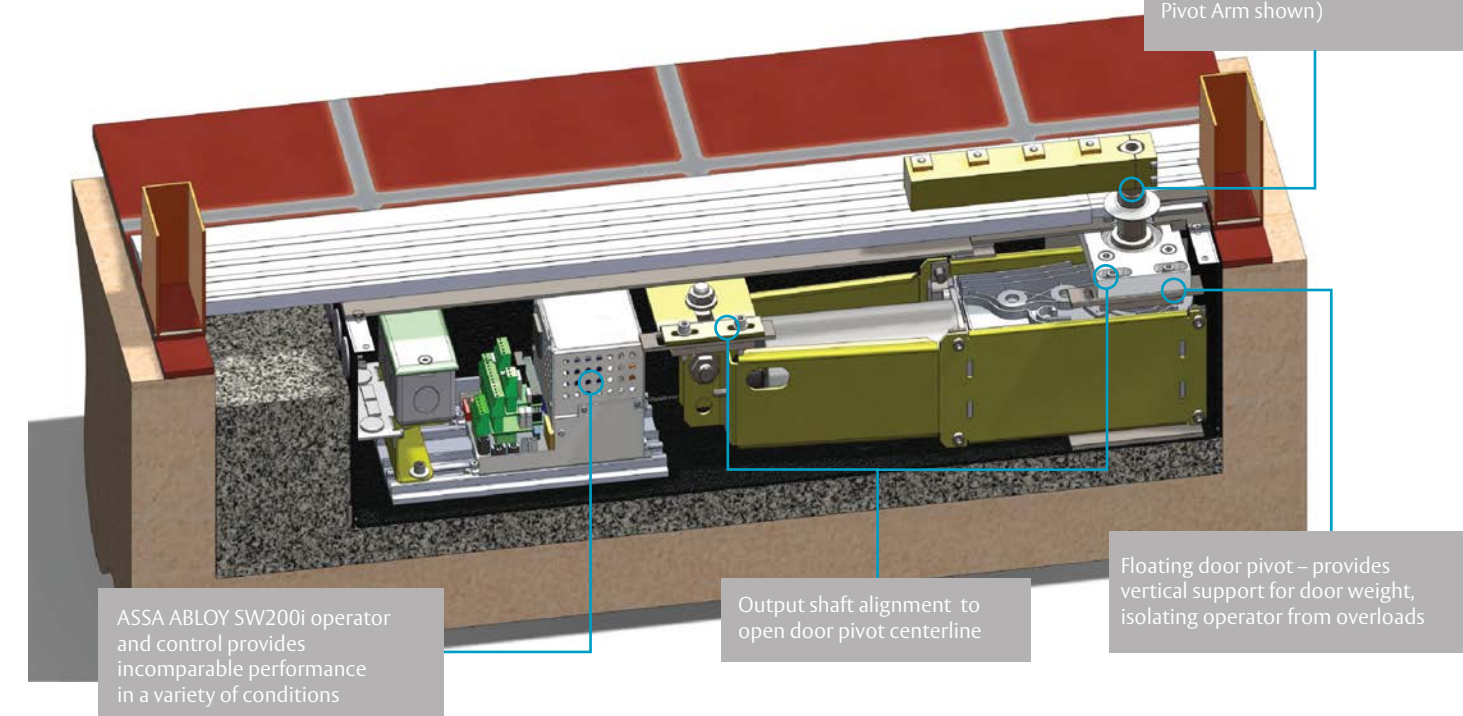
Not satisfied with the performance of your current in-ground equipment? Upgrade with an ASSA ABLOY SW200i-IG modernization. Available for most types of equipment, it will transform your existing in-ground installation to SW200i-IG performance. Also, ask about our comprehensive service programs for ASSA ABLOY and all brands of automatic doors.

## SW200i-IG SPECS

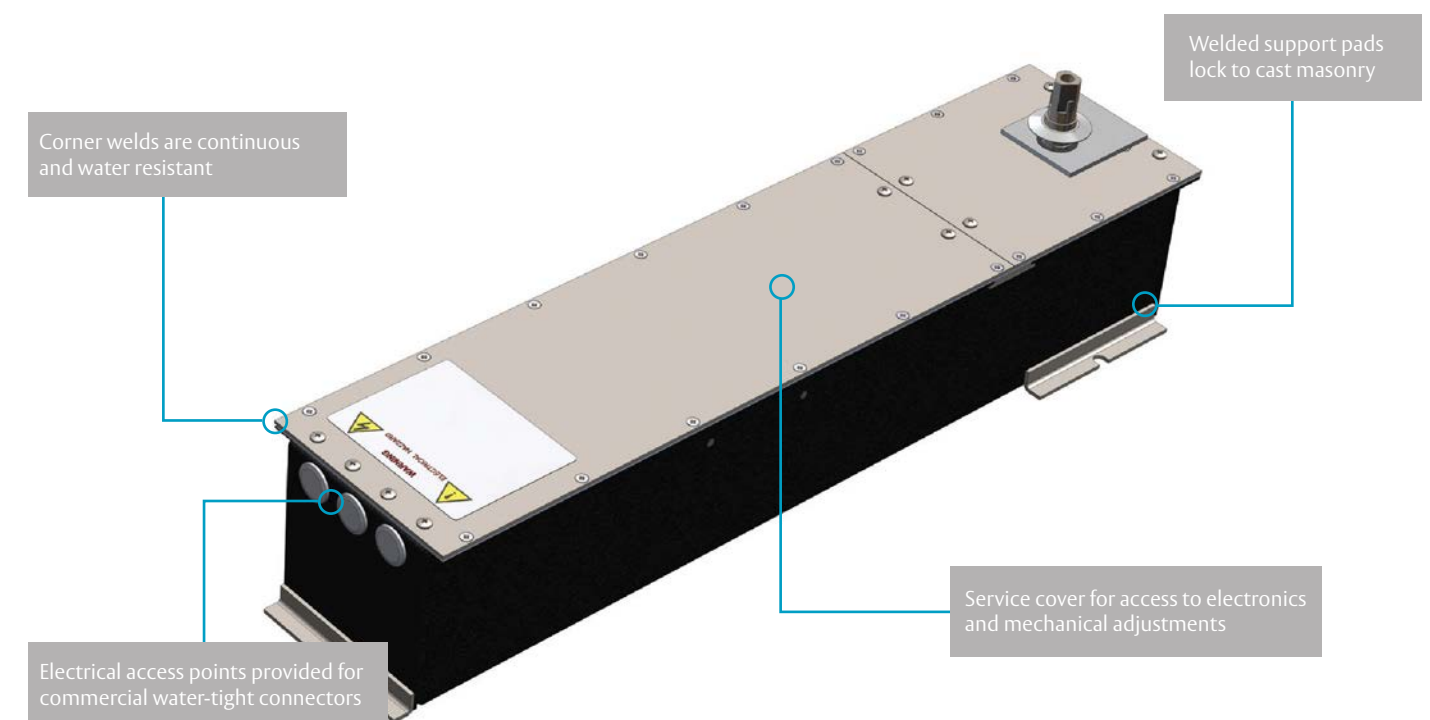
- ✓ Complies with ANSI/BHMA standard A156.19 or A156.10
- ✓ Max door weight: 700 pounds per operator
- ✓ Single or dual applications
- ✓ Moisture-resistant mounting case
- ✓ New construction or modernization
- ✓ Manual push forces of 5-15 lbf
- ✓ Security integration
- ✓ Electric lock management
- ✓ Latch entry
- ✓ Stack pressure compensation
- ✓ Intelligent trajectory control
- ✓ Extended closing torque (ECT)
- ✓ Multiple arm configurations



## ASSA ABLOY SW200i-IG Operator and Control



## ASSA ABLOY SW200i-IG Encased in a Heavy Gauge Steel Enclosure







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

**ENERGY EFFICIENT**  
- Separate Time Delay  
- Power Surge Protection  
- Brown-Out Performance

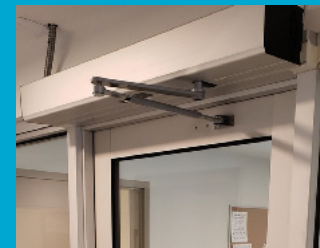
**SECURE LATCH**  
- Latch Retry  
- Electric Lock Management  
- Security Integration  
- Astragal Coordination

**EASY OPEN**  
- Manual Push Forces of 5–15 lbf  
- Power Assist

**MAXIMUM STRENGTH**  
- 700 Pounds Max Door Weight

# 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/BHMA 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 features reliable in-ground mounting 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.



# Swing Door ASSA ABLOY SW100

## Sophisticated, quiet and convenient

The ASSA ABLOY SW100 is the ideal low energy operator for applications that need reliable, durable entrances with the strength to withstand continuous usage. For universities, schools and commercial buildings, the ASSA ABLOY SW100 is a dependable, convenient door that meets the gentle-push force requirements of low energy codes and manual use.

Outfitted with a variety of valuable features, the ASSA ABLOY SW100 delivers intelligent performance to overcome common entrance problems. The combination of the unique latch retry feature and the stack pressure compensation ensures that the door is never left open – it closes and seals tightly, preventing air infiltration. The ASSA ABLOY SW100 can also be adapted for varying needs – the open and closing speeds can be adjusted to meet precise requirements, eliminating wear on the motor and safeguarding the life of the product. With the safety features to match its excellent performance, the ASSA ABLOY SW100 helps keep foot traffic flowing smoothly and efficiently.

## Unrivalled Benefits Enhance Performance

A comprehensive set of features and choices makes the ASSA ABLOY SW100 an innovative solution to fit your specific needs. This versatile automated swing door operator is also suitable for use on your existing manual doors.

✓ **Latch retry** – If an attempt to close the door is unsuccessful, the operator will reverse 10 degrees and reclose in an attempt to successfully lock the door.

✓ **Stack pressure compensation** – The electronic control allows for increases of force to overcome mild stack pressures while automatically compensating to power manual push forces to comply with ANSI/BHMA A156.19 when the door is used in manual mode.

✓ **Astragal coordination** – Doors always close in the right order with the built-in electronic coordinator and can therefore be properly locked. Coordinator allows door with astragal to open first, close last.

✓ **Inertia learn cycle** – Performs an initial inertia test measuring the weight of your door to optimize maximum performance. This cycle allows for the best application of braking and speeds per your unique application and reduces wear on components over the door life cycle.

✓ **ANSI-compliant lock kick** – If selected, applies more power in last 5 degrees of closing to make sure door latches. Helpful to overcome wind and stack pressure.

✓ **Battery convenience mode** – Operator can be activated by battery power for continuous operation in the event of a power failure.

✓ **Loss of Power** – The operator controls the door closing, preventing slamming of door.

✓ **Power assist open** – Torque-controlled feature that can be adjusted to lower the open forces when the operator is used manually.

✓ **Obstruction control** – If the door becomes obstructed during operation, the obstruction control in the operator will stop the door and reverse the movement. This feature provides a high degree of safety at a very reasonable cost.

✓ **Low power consumption** – Average electrical power required to open a 36" (914 mm) door is 75W, resulting in lower running costs.

✓ **Electronic dampening** – Automatically counteracts additional forces applied to the door during the opening and closing cycle.





# Swing Door Operator

# ASSA ABLOY SW60

## The new innovation in door technology

Meet the newest innovation in door operator technology, bridging the gap between manual and automatic doors.

The ASSA ABLOY SW60 combines touch-free solutions, smart access controls and command responsiveness with sleek appeal, slim design and the ability to convert virtually any interior door into a germ-free entrance.

The ASSA ABLOY SW60's sleek design may blend in, but its powerhouse of options, control and assistance stands out.

### Setup Assist

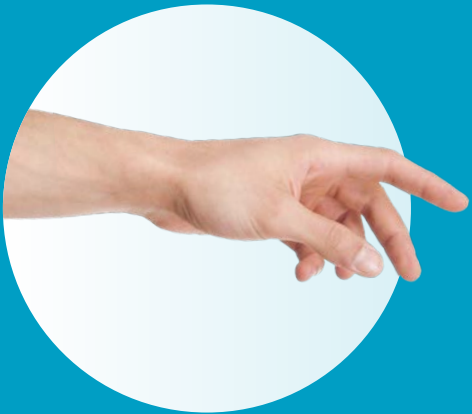
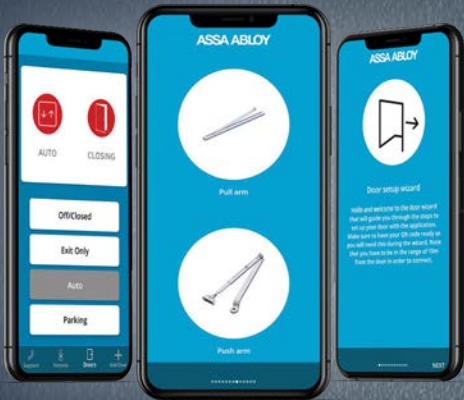
Our app walks you through the process from install to operation.

### Door Control

Open, close and lock doors.

### Custom Functions

Personalize the ASSA ABLOY SW60 with customizable settings and preferences at the push of a button.



### Touch-free access solution

- ✓ Wave plate compatible
- ✓ Limits contact with germs
- ✓ Perfect for bathroom, office, medical and assisted-living facility doors



### Smart access app

- ✓ Expedites setup process
- ✓ Door functions controlled by app
- ✓ Apple App Store & Google Play Store availability



### Expert installation

- ✓ Retrofit existing manual doors
- ✓ Quick, professional installation
- ✓ No electrician required
- ✓ Mobile app for installation walk-through



### Sleek design

- ✓ Perfect for limited overhead space
- ✓ Blends in with door frame
- ✓ Push or pull configurations
- ✓ Clear or dark bronze finishes





# THE SW60

## Technical specs

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39.5" Header

Max width: 48"

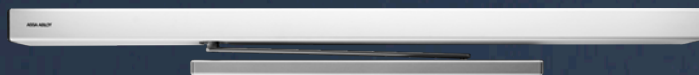
Max weight: 200 lbs.

Manual push force: 5–15 lbf

## Color options

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Clear



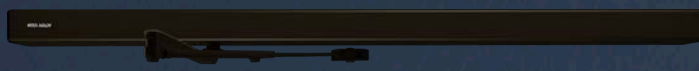
Dark bronze



## Arm options

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Push



Pull



Small  
but mighty



# What product should you use?

	ASSA ABLOY SW60	ASSA ABLOY SW100	ASSA ABLOY SW200i
HEADER SIZE	1-3/4"H x 2"D	4'5/16" x 5-1/8"D	4'5/16"H x 5-1/8"D
NO ELECTRICIAN REQUIRED	✓		
PUSH PLATE COMPATIBLE	✓	✓	✓
SURFACE MOUNTED	✓	✓	✓
OVERHEAD CONCEALED			✓
EXTERIOR		✓	✓
INTERIOR	✓	✓	✓
PAIRS OF DOORS		✓	✓
SINGLE DOORS	✓	✓	✓
ANSI A156.10			✓
ANSI A156.19	✓	✓	✓
ELECTRIC STRIKE INTEGRATION	✓	✓	✓
STACK PRESSURE COMPENSATION	✓	✓	✓
FIRE RATED	✓	✓	✓
POWER ASSIST	✓	✓	✓
HEADER WIDTH	39-1/2" (51" option coming soon)	39-1/2", 51", 99"	39-1/2", 51", 99"



The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.

ASSA ABLOY Entrance Systems provides solutions for an efficient and safe flow of goods and people. Our offering includes a wide range of automated pedestrian, industrial and residential doors, loading dock equipment, perimeter fencing and service.

**ASSA ABLOY**  
Entrance Systems

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