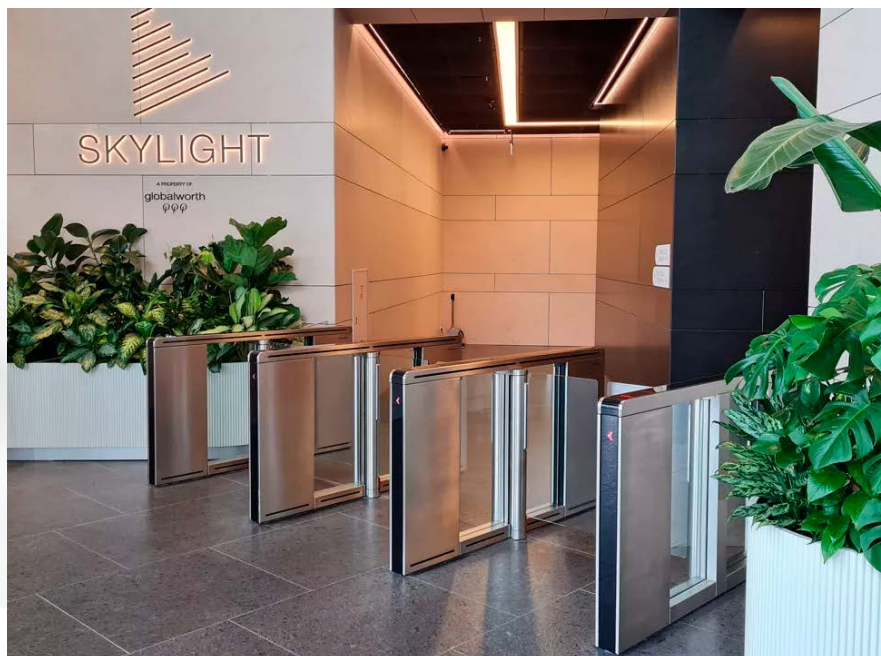# Speedgate
ASSA ABLOY SG200

ASSA ABLOY
Entrance Systems

Experience a safer
and more open world

Strengthen your building's access control with a secure, yet elegant slim speedgate, where 24 optical safety sensors work together to monitor and deter unauthorised people flow on your premises.

The slim speedgate turnstile SG200 from ASSA ABLOY is a dependable and stylish solution for regulating the people flow in and out of your building. With a 24 V BLDC motor powering its fast-opening, hidden barrier wings made of 8/10 mm tempered glass by default, it's a highly effective entryway that can monitor and block unwanted access as/if necessary, significantly contributing towards a steady level of safety and security in your environment.

The gate's galvanized coated steel frame and stainless steel housing panels, together with its 10 mm tempered glass top lid and side panels, as well as illuminated indication pictograms, make it a sleek, high-quality addition to your building's entryway. What makes it stand out from our other solutions, however, is its intuitive Access Control Integration, working easily with any access control system through dry contact or COM ports.

You can even choose to customize the gate's top lid, with optional cuts available for surface mount readers, reader holders or stands (as well as standard or custom-designed posts for access controller integration). Just let us know what you need.

Design specification

Construction	Steel
Passage width	650 / 915/1200 mm
Weight	130 kg
Power supply	100 to 240 VAC, 50 / 60 Hz
Logic voltage	24 VDC
Operation temperature	0 °C / +55 °C
IP protection	Cabinet IP44
Mean cycles before failures (MCBF)	10 000 000
Mean time to repair (MTTR)	< 30 min.
Opening and closing times	0.8 to 2.6 sec

Options and accessories

- Laminated glass or acrylic / polycarbonate barrier wings
- Powder coated steel panels
- Stainless steel base plate
- Card inserter
- Access controller integration brackets and posts
- Fail-locked / Emergency-lock
- Push button controller
- Touch panel controller

Essential functions and interface features

High flow rate
The SG200 slim speedgate provides maximum security even for an exceptionally high flow rate of people. The illuminated indication pictograms give clear directions to staff and visitors for the best possible route they can take, and the adjustable gate direction control adds flexibility to all building entrance control systems.

Reliability and long life cycle
Our reliable mechanical system allows for maximum stability, as well as ensuring a consistently low level of maintenance to provide permanent service life – leading to a significantly higher return-on-investment than our competitors' products.

Advanced Security
With our advanced detection system, sensors and sensor-based algorithms work together to track the passage of authorised users, while controlling unauthorised and/or fraudulent attempts at the same time. This provides the maximum security level agains unauthorised passages such as tailgating , wrong-way passage etc. (This is also the reason we provide taller barrier wing options – for more details, see Design Specifications.)

Such attempts will be blocked by the fast-closing barrier wings response, while the intrusion alarm warning will be activated during endeavours such as lane intrusion timeouts, climb-over/crawl-under etc.

Emergency and power outage modes
In the event of an emergency or power outage the gate opens the barrier wings automatically (fail safe mode). Once the emergency alarm stops and/or the electricity returns, the gate resets itself automatically. Upon request, the system can be configured for manual operation instead of automatic opening.

LED indicators
The LED lights on the turnstile indicate the operating status in both directions.

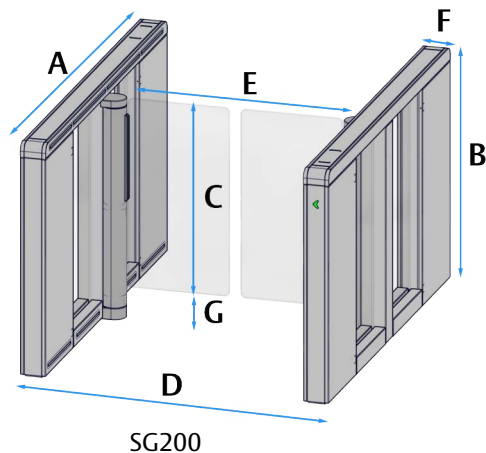Green   Passage confirmed
Red   No passage

Settings	
Operation mode for each directions	Controlled / Free / Locked
Acoustic notifications	On / Off
Release time out	5, 10, 15, 20 sec
Emergency connection	On / Off

SG200

SG200 WIDE

SG200

SG200

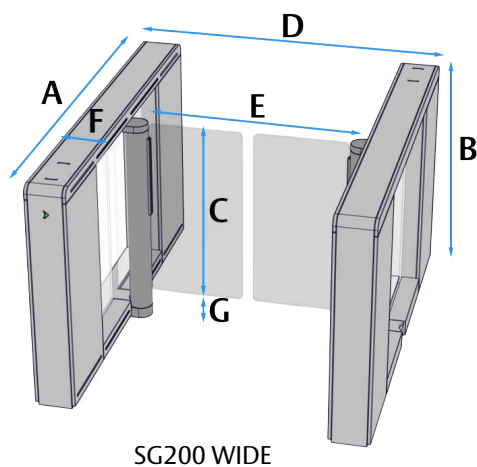|	
Total Length (A)	1750 mm / 68.90 inch
Cabinet Height (B)	1023 mm / 40.27 inch
Barrier Wing Height(C+G)	960 mm / 1200 mm /1800 mm 37.80 inch / 47.24 inch / 70.87 inch
Spacing Between Wings and finished floor level (G):	135 mm / 5.31 inch
Total Width (D)	1041 mm / 40.98 inch
Clear Passage Width (E)	650 mm / 915 mm / 1200 mm 25.59 inch / 36.02 inch/ 47.24 inch
Cabinet Width (F)	110 mm / 4.33 inc
Spacing Between Wings	50 mm / 1.97 inch
Weight Left / Right cabinet	125 kg / 275.57 lbs
Weight center cabinet	160 kg / 352.73 lbs

SG200 WIDE

SG200 Wide

Total Length (A)	1750 mm / 68.90 inch
Cabinet Height (B)	1023 mm / 40.27 inch
Barrier Wing Height(C+G)	960 mm / 1200 mm /1800 mm 37.80 inch / 47.24 inch / 70.87 inch
Spacing Between Wings and finished floor level (G):	135 mm / 5.31 inch
Total Width (D)	1181 mm / 46.49 inch
Clear Passage Width (E)	650 mm / 915 mm / 1200 mm 25.59 inch / 36.02 inch/ 47.24 inch
Cabinet Width (F)	180 mm / 7.08 inch
Spacing Between Wings	50 mm / 1.97 inch
Weight Left / Right cabinet	160 kg / 352.73 lbs
Weight center cabinet	200 kg / 440.92 lbs

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This equipment should be installed, regularly inspected, maintained and serviced by trained and authorized personnel. Preventive maintenance plans are highly recommended for a proper and safe operation. Talk to your ASSA ABLOY Entrance Systems representative to learn more about our service offering!