

Swing Gate

ASSA ABLOY GS220

Security entrance control



A sturdy swing gate to keep your areas secure

Redirect your people flow with a well-designed, bi-directional swing gate – so the private areas in your building can always fulfil their function.

The swing gate GS220 from ASSA ABLOY is a compact yet sturdy access point solution that helps divert unwanted traffic from non-public areas of your building. Its stainless steel post and door leaf have been proven to stand heavy use.

GS220 can be combined with two units to work as a double door solution, with synchronization.

Options

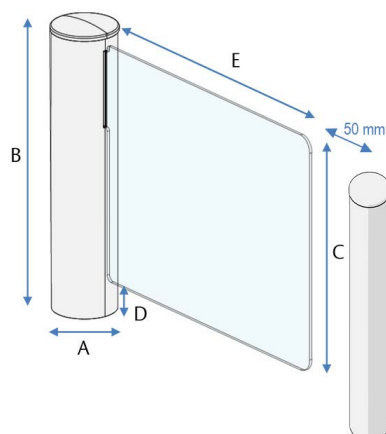
- Post in polished or brushed stainless steel
- Post painted in RAL color
- Polycarbonate or acrylic door leaf
- Logo on door leaf
- Ramp plate
- Photocell
- Remote control touch panel
- Posts for access control units

Design specification

Construction	Stainless Steel
Passage Width	650 – 1100 mm *
Door Wing Height	960 – 1800 mm *
Door Wing Width	550 – 1100 mm
Post Height	1000 mm
Post Diameter	228 mm
Weight (Without Wing)	85 kg
Power Supply	100 to 240 VAC, 50 / 60 Hz
Logic Voltage	24 VDC
Stand Power Consumption	9 W
Operation Temperature	0 °C / +55 °C
IP Protection	Cabinet IP44
Opening and Closing Time	2 sec (depends of leaf size)

*See table on next page (metric / imperial dimensions)

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and more open world



Dimensions

Post Diameter (A)	228 mm / 8.97 inch
Post Height (B)	1000 mm / 39.37 inch
Door Wing Height (C + D)	960 mm / 37.80 inch to 1800 mm / 70.87 inch
Spacing Between Wing and Finished Floor Level (D)	135 mm / 5.32 inch
Door Wing Width (E)	See table below

The 50 mm clearance between the turnstile and the railing, shown on the left, is not included in the dimensions below

From Finished Floor Level (FFL)	Maximum Leaf Width (10 mm / 0.39 inch glass)	Maximum Leaf Width (8 mm / 0.32 inch glass)
960 mm / 37.80 inch	1100 mm / 43.31 inch	1100 mm / 43.31 inch
1000 mm / 39.37 inch	1000 mm / 39.37 inch	1100 mm / 43.31 inch
1100 mm / 43.31 inch	900 mm / 35.43 inch	1000 mm / 39.37 inch
1200 mm / 47.24 inch	800 mm / 31.50 inch	1000 mm / 39.37 inch
1300 mm / 51.18 inch	750 mm / 29.53 inch	900 mm / 35.43 inch
1400 mm / 55.12 inch	700 mm / 28.56 inch	800 mm / 31.50 inch
1500 mm / 59.06 inch	600 mm / 23.62 inch	800 mm / 31.50 inch
1600 mm / 62.99 inch	550 mm / 21.65 inch	750 mm / 29.53 inch
1700 mm / 66.93 inch	550 mm / 21.65 inch	700 mm / 28.56 inch
1800 mm / 70.87 inch	550 mm / 21.65 inch	600 mm / 23.62 inch

Customizable Settings

The GS220 swing gate turnstile has a logic-controlled interface and operates bi-directionally. After the adjustable release period, the door leaf closes the passage fully blocks itself after an adjusted time if no transition or passage occurs. The swing gate also has a permanently open function and comes equipped with TCP / IP RS 485 communication.

Settings

Operation Mode	Controlled
Acoustic Notification	Controlled
Emergency Connection	5, 10, 15, 20 sec
Release Time Out	On / Off
Sensor – Cotrolled	On / Off

Emergency and Power Outage Modes

In the event of an emergency, the gate unlocks and the barrier wing can swing in the determined direction. During a power outage, however, the mechanism unlocks the barrier wing and it rotates freely in both directions. Once the emergency alarm stops and/or the electricity returns, the gate locks itself automatically.

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!