

Automatic circular sliding door system MP100

Design:

Fully automatic single-leaf circular sliding door with self-learning 32 bit door control system, low-noise, long-life door leaf guide; sensor protection incl. overcurrent detection; i-record connection via bluetooth

Dimensions:

Passage width A: 600 / 900 / 1100 [mm]
 Overall diameter Q: 1035-1790 [mm]
 Passage height G: 2100-3000 [mm]
 Canopy height I: 220-1000 [mm]
 Total height J: 2320-4000 [mm]
 Profile system 20 or 30 width [mm]

Wheelchair accessibility granted for A=900 [mm] and A=1100 [mm]

Glass:

Profile system 20 [mm] - 10,28 [mm] max. glass thickness
 Profile system 30 [mm] - 19,52 [mm] max. glass thickness

Options:

Mechanical options:

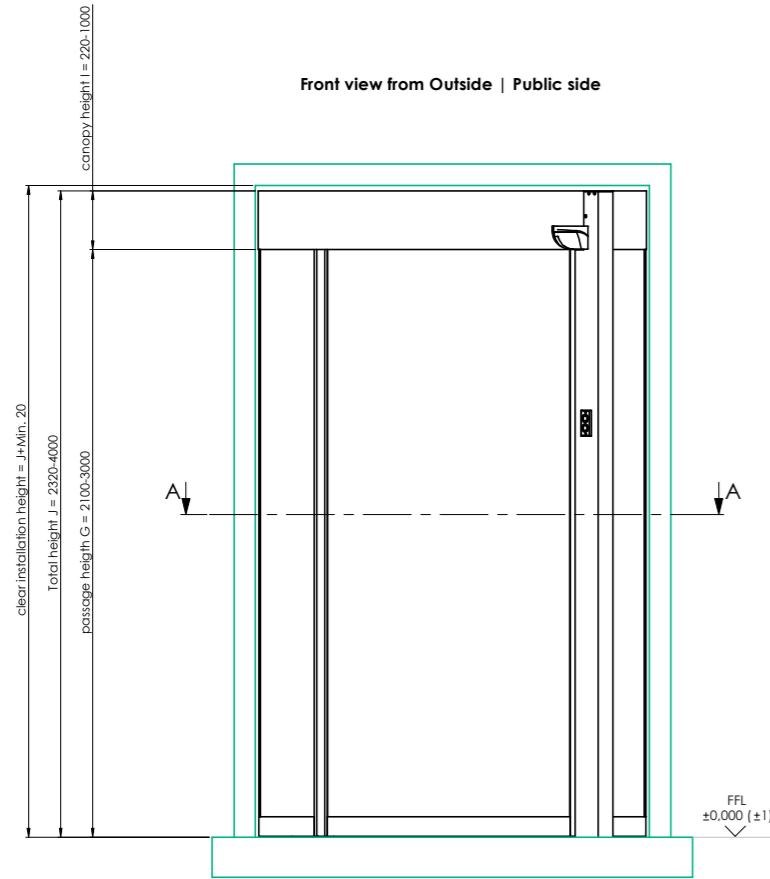
- Locking device (inside/outside)
- Roof options:
 - White coated chipboard
 - Dust roof cover
 - Water-tight tray roof
- Floor guide:
 - Floor ring
 - Socket
 - Finished floor (for A=900 [mm] and A=1100 [mm])
- Flooring options:
 - Pure stripe (ribbed carpet)
 - Rubber nap mat
 - Contact mat (Security level: Middle)
- Facade connection

Electrical options:

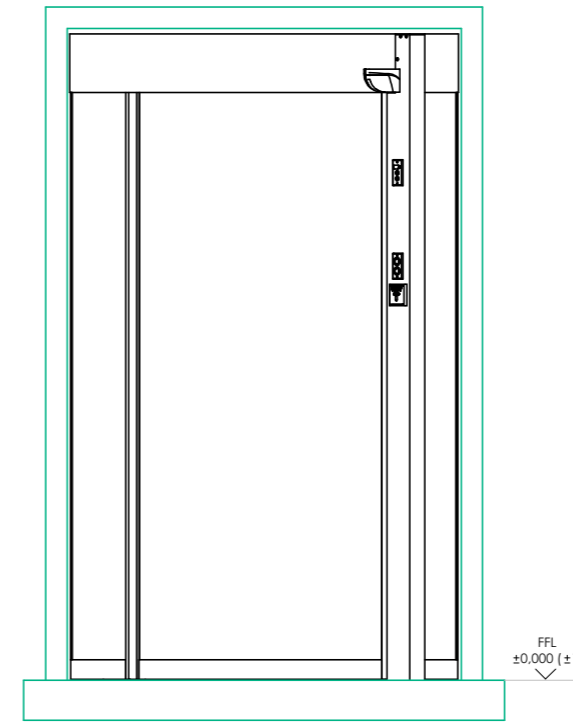
- BDE-S flush mount always as standard
- Signal lights:
 - on the outside of the door system always as standard
 - inside of the door system as optional extra
- Flash light
- Maintenance mode
- Cleaning mode
- BMS outputs
- Voice module
- Input for fire alarm
- Door position contact "closed"
- Lock monitoring contact
- Uninterrupted power supply
- LED build-in lights
- Emergency stop switch
- Emergency opening switch
- Battery pack

Security level/functions	Low	Middle	High
Access control system (identity check)	✓	✓	✓
Anti-Tailgating (contact mat)	✗	✓	✗
Anti-Tailgating & -Piggybacking (3D camera)	✗	✗	✓

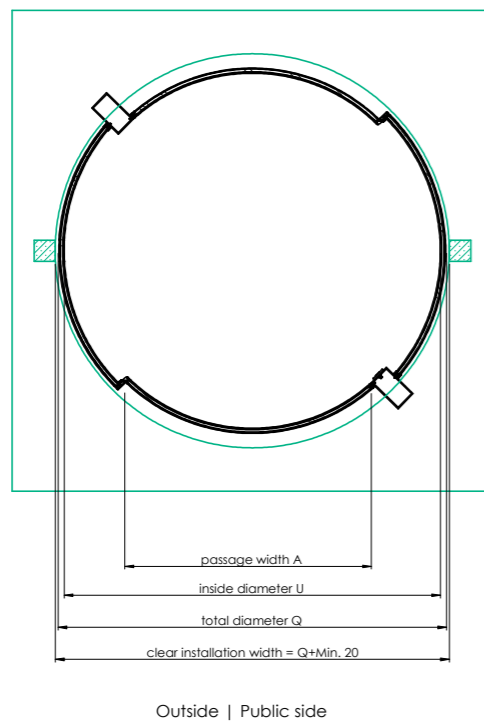
Front view from Outside | Public side



Front view from Inside | Secure side



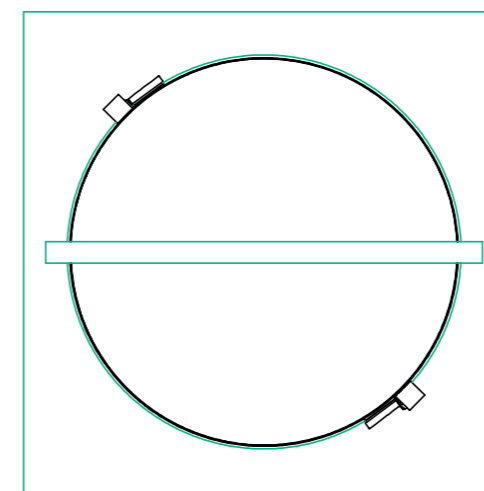
A-A
Inside | Secure side



Outside | Public side

Top view

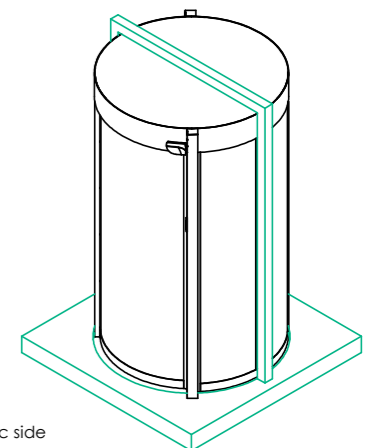
Outside | Public side



Inside | Secure side

A	Profile system 20 [mm]		Profile system 30 [mm]	
	U	Q	U	Q
600	989	1035	1024	1090
900	1409	1455	1444	1510
1100	1689	1735	1724	1790

Inside | Secure side



Outside | Public side

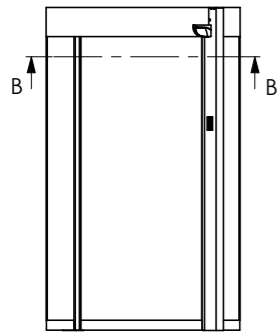
(1 : 20)

Surface treatment		Material		Remark: all components must be approved for use and for the customer	
General tolerance	Fin. method	Scale	Drawn	Date	Status
ISO 2768	SSC	1:10	SSC	2022-10-11	Approved
Description		Rev.		Sheet	
ASSA ABLOY MP100		A		A0 1(2)	
Drawing No.					

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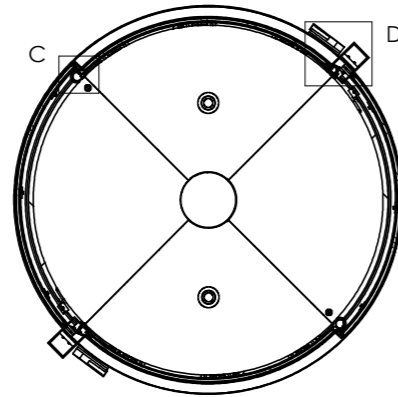
Ceiling

Front view from Outside | Public side
(1 : 20)



B-B
Middle / Low

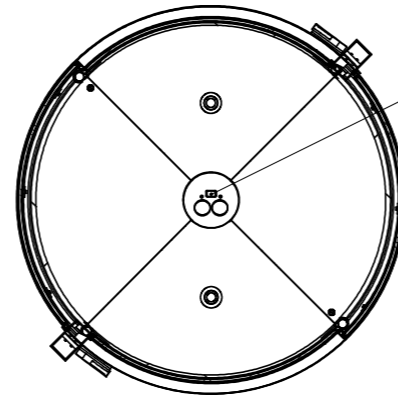
Outside | Public side



Inside | Secure side

B-B
High

Outside | Public side

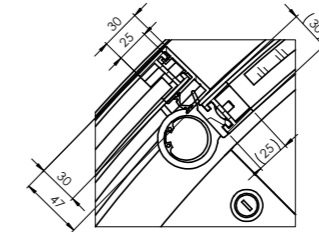


Inside | Secure side

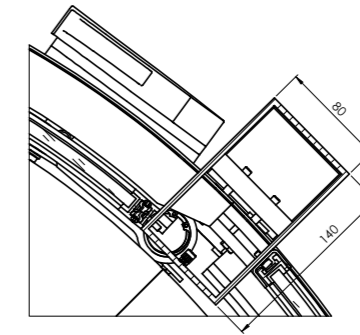
3D-camera for monitoring:
- Number of people
- Anti-tailgating
- Anti-piggybacking

Main + Secondary closing edge

Profile system 30 [mm]

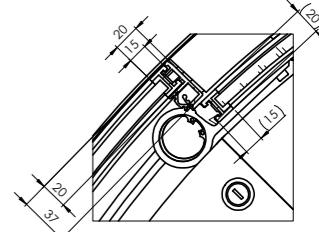


C
(1 : 2)

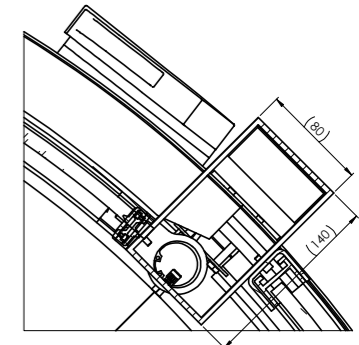


D
(1 : 2)

Profile system 20 [mm]



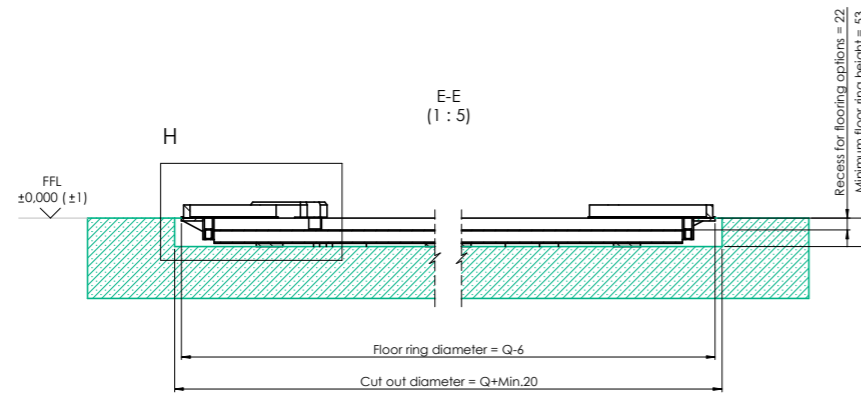
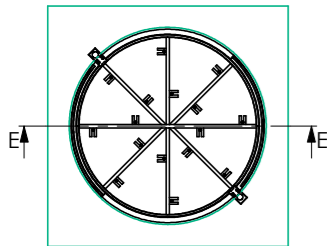
C
(1 : 2)



D
(1 : 2)

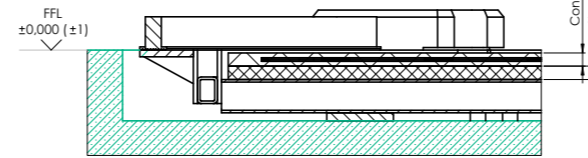
Floor guide

Top view floor ring
(1 : 20)



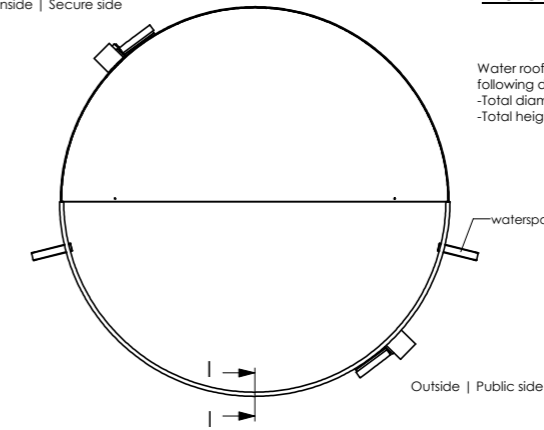
Contact mat

H
(1 : 2)



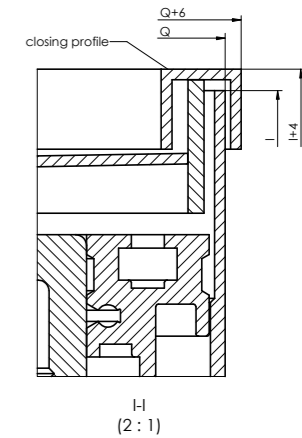
Water roof

Inside | Secure side

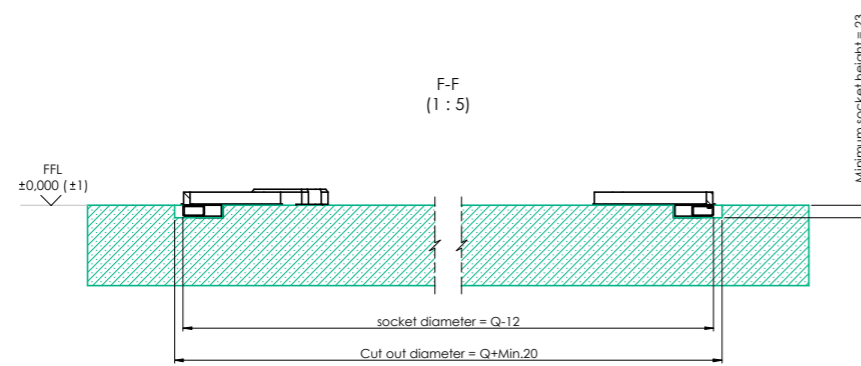
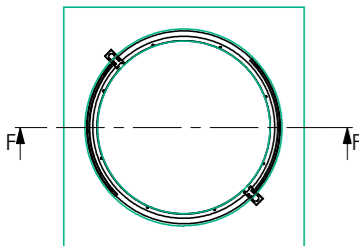


Outside | Public side

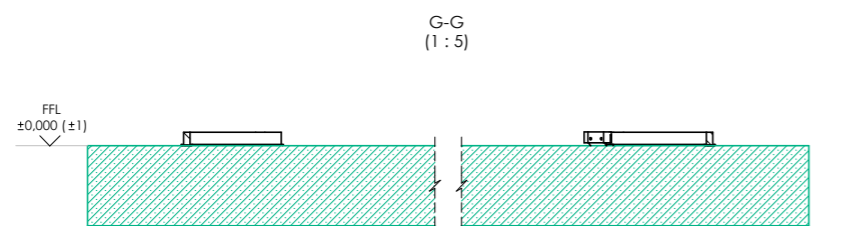
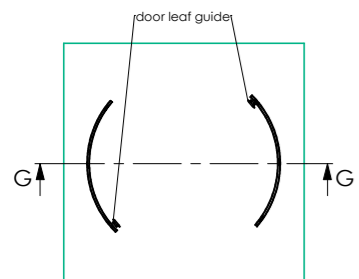
Water roof increases the following dimensions:
- Total diameter Q: +6mm
- Total height t: +4mm



Top view socket
(1 : 20)

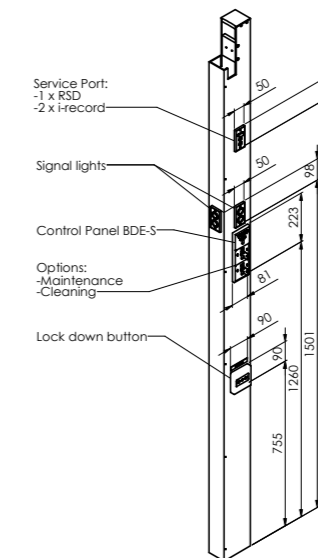


Top view finished floor
(1 : 20)



Posts

Inside | Secure side



Service Port:
- 1 x RSD
- 2 x record

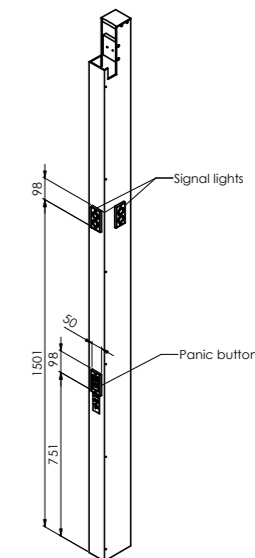
Signal lights

Control Panel BDE-S

Options:
- Maintenance
- Cleaning

Lock down button

Outside | Public side



Signal lights

Panic button

- External access control can be integrated.
- Traffic light displays (red/green) indicate the operating status on both sides.
- A key switch enables cleaning of the portal. The cleaning mode ensures that the door remains closed to the public side, while the secure side stays open.
- A key switch enables maintenance work to be carried out. In maintenance mode, the door to the secure side is opened permanently, while the public side remains closed.

Surface treatment	Material	Remark
General tolerance	Scale	Date
ISO 2768	1:10	2022-10-11
Designation	Drawn	Checked
ASSA ABLOY	SSC	Approved
MP100	Rev.	Sheet
	A	A0
		2 (2)