

Product drawing

RD200-3-5 and RD200-4-5

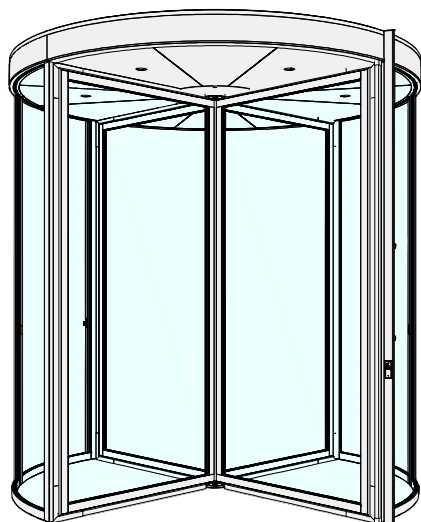
List of abbreviations

- D= Internal diameter
- DF = Diameter of the finished floor
- DT = Total external diameter
- DW = External diameter
- HI = Internal passage height
- NCD = Night closing door
- R1 = Internal radius of fixing rail
- RW = External radius
- TW = Width of entrance hole
- TW1 = Left half width of entrance hole
- TW2 = Right half width of entrance hole
- W1 = Weight (kg) distributed over the fixing rail
- W2 = Weight (kg) distributed over the base plate

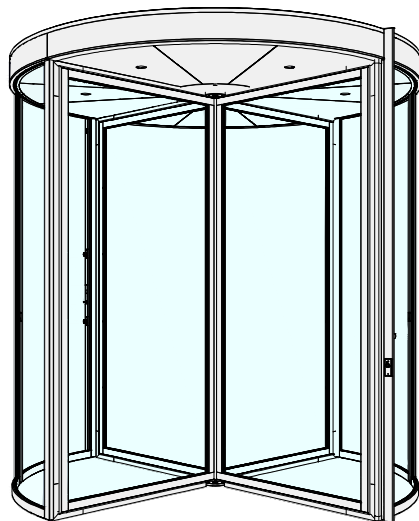
Note!

With center shaft - Maximum internal passage height (HI) is 3500 mm for internal diameter (D) 1800 - 3000 mm and 3000 mm for internal diameter (D) 3100 - 4000 mm.

Without center shaft - Maximum internal passage height (HI) is 3000 mm for internal diameter (D) 1800 - 3600 mm.

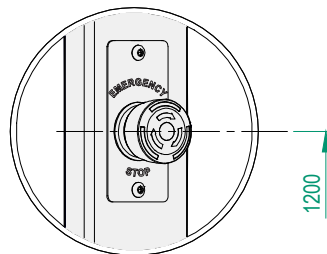


From inside

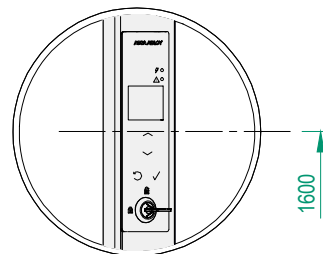


From outside

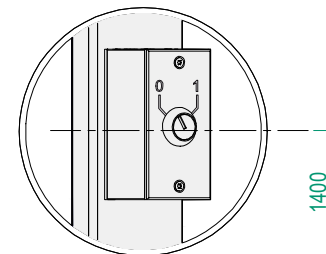
☐ Emergency stop



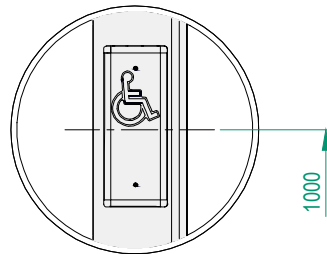
☐ Program selector PS-RD



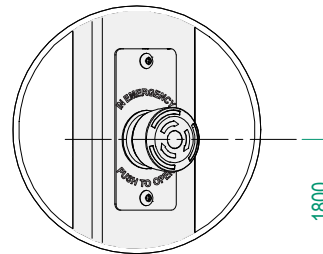
☐ PSK-2 (manual NCD only)



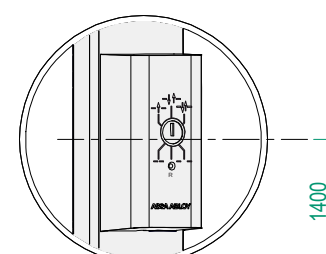
☐ Push button for persons with disabilities



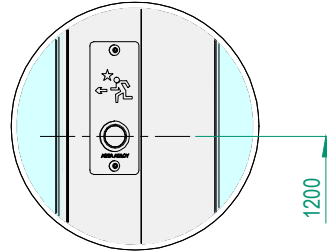
☐ Emergency opening button



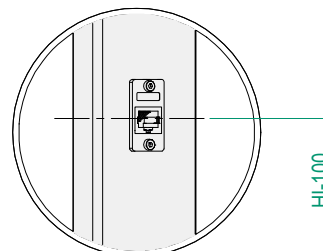
☐ PSK-6U (automatic NCD only)



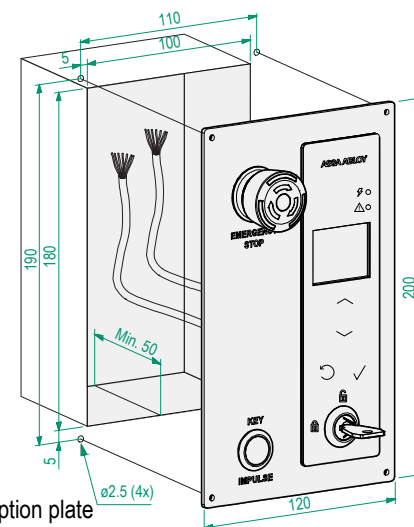
☐ Evacuation button



☐ CT tool



☐ Program selector PS-RD reception plate



Customer:

Ref:

Door id:

Date:

Project No:

Sign:

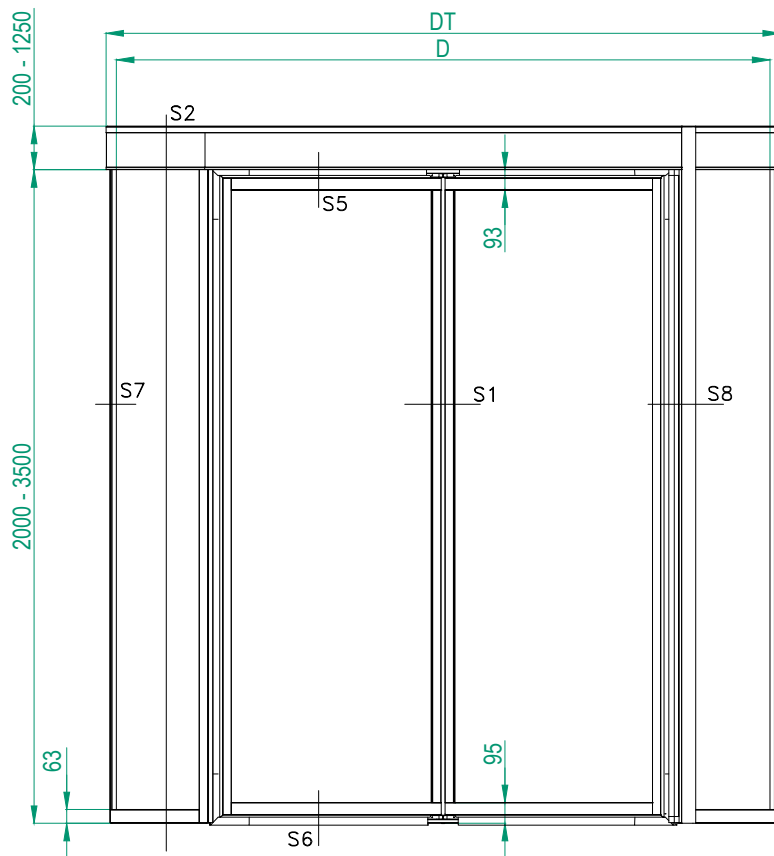
Revolving door
ASSA ABLOY RD200-3-5 and RD200-4-5

Buttons

ASSA ABLOY

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RD200-4-5	□ -18	□ -19	□ -20	□ -21	□ -22	□ -23	□ -24	□ -25	□ -26	□ -27	□ -28	□ -29	□ -30	□ -31	□ -32	□ -33	□ -34	□ -35	□ -36	□ -37	□ -38	□ -39	□ -40	Formula
D	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	D
DT	1896	1996	2096	2196	2296	2396	2496	2596	2696	2796	2896	2996	3096	3196	3296	3396	3496	3596	3696	3796	3896	3996	4096	D+96



STATE WHEN ORDERING

Internal diameter = mm
Internal passage height = mm
Fascia height = mm

Surface treatment of outer walls and night closing door
Stainless steel cladding

.....
Anodized

RAL

Special powder coating

Surface treatment of door leaves

Stainless steel cladding

.....
Anodized

RAL

Special powder coating

Center shaft will always be painted black

Note! Change the layers to view RD200-3-5, night closing doors and/or without center shaft.
RD200-3-5 internal diameter equals or bigger than 3100 is in the next page.

Customer:

Ref:

Door id:

Date:

Project No:

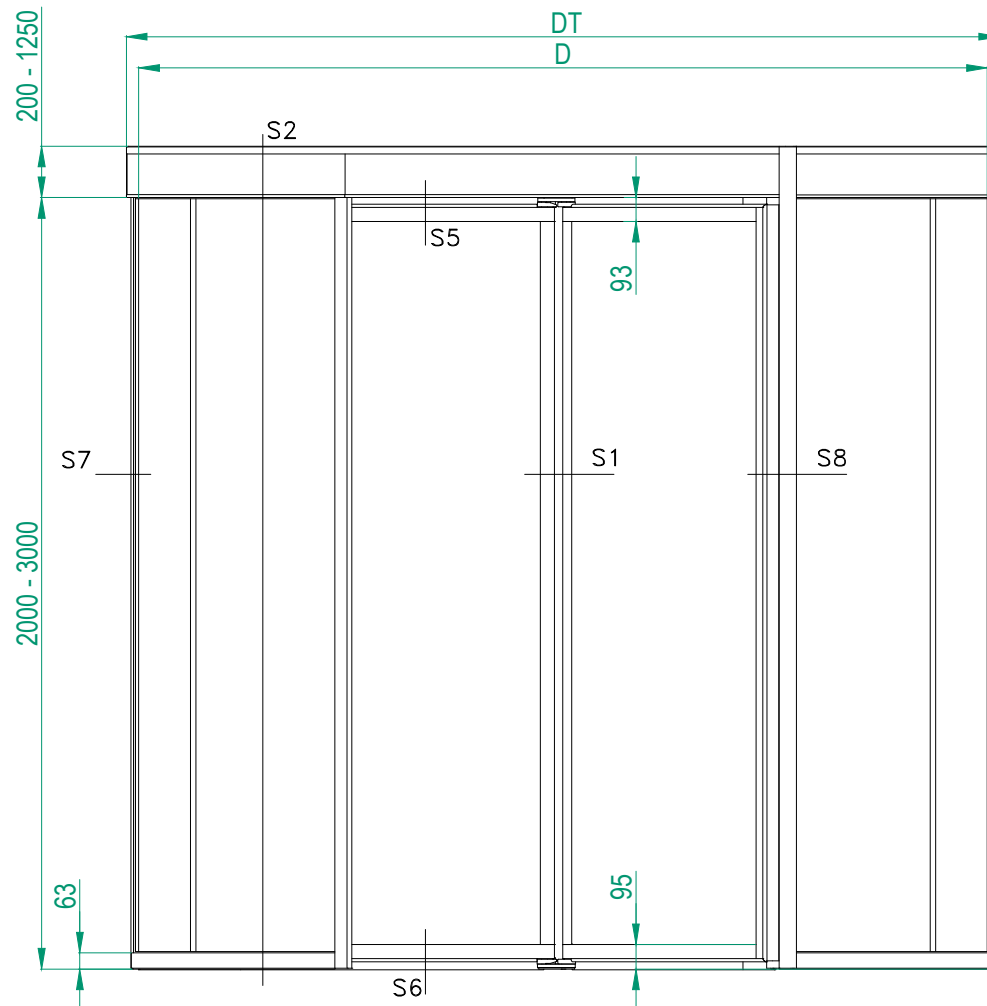
Sign:

Revolving door
ASSA ABLOY RD200-4-5
With center shaft
Front view

ASSA ABLOY

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RD200-3-5	□ -31	□ -32	□ -33	□ -34	□ -35	□ -36	□ -37	□ -38	□ -39	□ -40	Formula
D	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	D
DT	3196	3296	3396	3496	3596	3696	3796	3896	3996	4096	D+96



STATE WHEN ORDERING

Internal diameter = mm
Internal passage height = mm
Fascia height = mm

Surface treatment of outer walls and night closing door

Stainless steel cladding
.....
Anodized
RAL
Special powder coating
.....

Surface treatment of door leaves

Stainless steel cladding
.....
Anodized
RAL
Special powder coating
.....
Center shaft will always be painted black

Note! Change the layers to view night closing doors and/or without center shaft.
RD200-3-5 internal diameter equals or bigger than 3100 has in total eight pieces of glass in the outer wall. Two pieces of glass per outer wall section.

Customer:

Ref:

Door id:

Date:

Project No:

Sign:

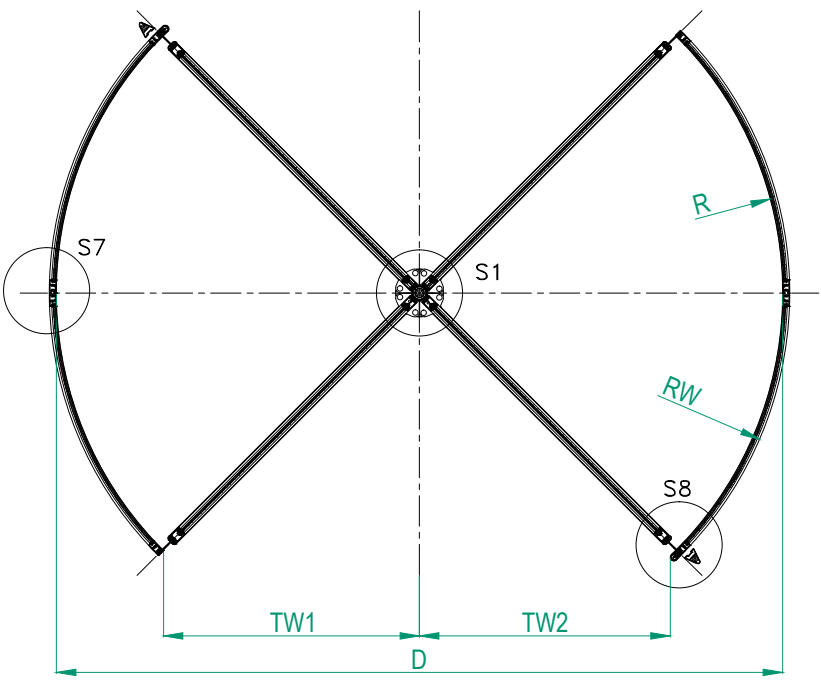
Revolving door
ASSA ABLOY RD200-3-5
With center shaft
Front view

ASSA ABLOY

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Technical data subject to change without notice.

RD200-4-5	□ -18	□ -19	□ -20	□ -21	□ -22	□ -23	□ -24	□ -25	□ -26	□ -27	□ -28	□ -29	□ -30	□ -31	□ -32	□ -33	□ -34	□ -35	□ -36	□ -37	□ -38	□ -39	□ -40	Formula
D	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	D
R	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	D/2
RW	930	980	1030	1080	1130	1180	1230	1280	1330	1380	1430	1480	1530	1580	1630	1680	1730	1780	1830	1880	1930	1980	2030	D/2+30
TW1	633	669	704	739	775	810	846	880	916	952	987	1022	1058	1093	1128	1164	1199	1234	1270	1305	1341	1376	1411	D/2*sin45 °-3
TW2	611	647	682	717	753	788	824	858	894	930	965	1000	1036	1071	1106	1142	1177	1212	1248	1283	1319	1354	1389	D/2*sin45 °-25



Note! Change the layers to view RD200-3-5, night closing doors and/or without center shaft.
RD200-3-5 internal diameter equals or bigger than 3100 is in the next page.

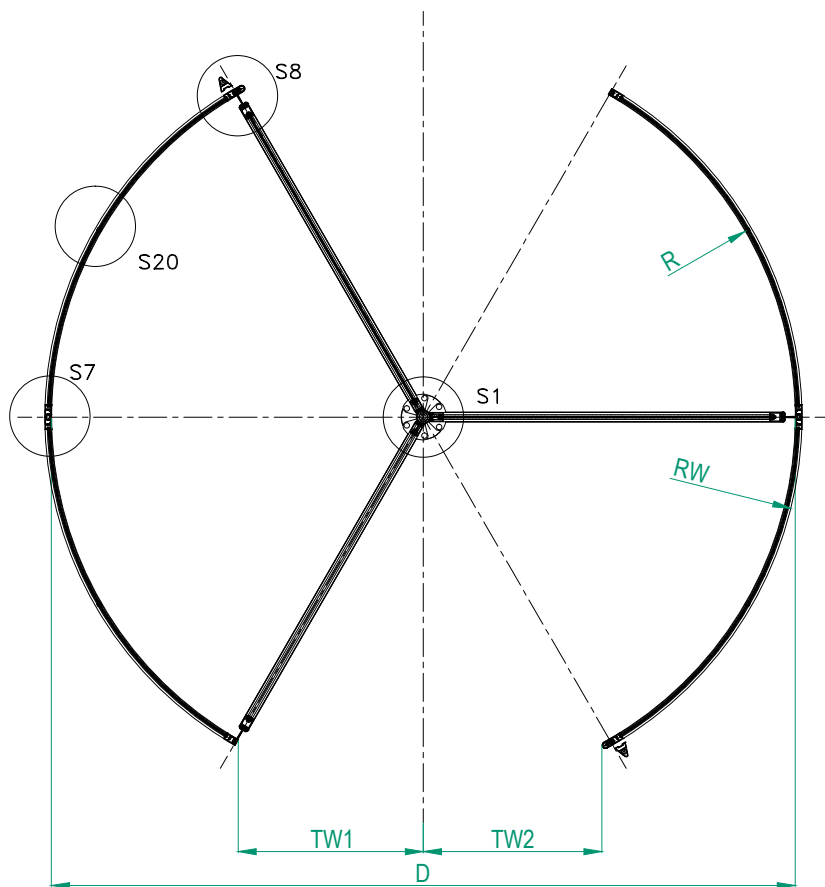
Customer:	Ref:
Door id:	Date:
Project No:	Sign:

Revolving door
ASSA ABLOY RD200-4-5
With center shaft
Top view

ASSA ABLOY

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RD200-3-5	□ -31	□ -32	□ -33	□ -34	□ -35	□ -36	□ -37	□ -38	□ -39	□ -40	Formula
D	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	D
R	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	D/2
RW	1580	1630	1680	1730	1780	1830	1880	1930	1980	2030	D/2+30
TW1	771	796	821	846	871	896	921	946	971	996	D/4-4
TW2	742	767	792	817	842	867	892	917	942	967	D/4-33



Note! Change the layers to view night closing doors and/or without center shaft.
RD200-3-5 internal diameter equals or bigger than 3100 has in total eight pieces of glass in the outer wall. Two pieces of glass per outer wall section.

Customer:

Ref:

Door id:

Date:

Project No:

Sign:

Revolving door
ASSA ABLOY RD200-3-5
With center shaft
Top view

ASSA ABLOY

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RD200-4-5	□ -18	□ -19	□ -20	□ -21	□ -22	□ -23	□ -24	□ -25	□ -26	□ -27	□ -28	□ -29	□ -30	□ -31	□ -32	□ -33	□ -34	□ -35	□ -36	□ -37	□ -38	□ -39	□ -40
DF	1870	1970	2070	2170	2270	2370	2470	2570	2670	2770	2870	2970	3070	3170	3270	3370	3470	3570	3670	3770	3870	3970	4070
RW	930	980	1030	1080	1130	1180	1230	1280	1330	1380	1430	1480	1530	1580	1630	1680	1730	1780	1830	1880	1930	1980	2030
R1	905	955	1005	1055	1105	1155	1205	1255	1305	1355	1405	1455	1505	1555	1605	1655	1705	1755	1805	1855	1905	1955	2005
W1	558	583	608	633	658	683	708	733	758	783	808	833	858	793	815	838	860	883	905	928	950	973	995
W2	473	498	523	548	572	597	622	647	671	696	721	746	770	686	707	728	749	771	792	813	835	856	877

Formula

D+70

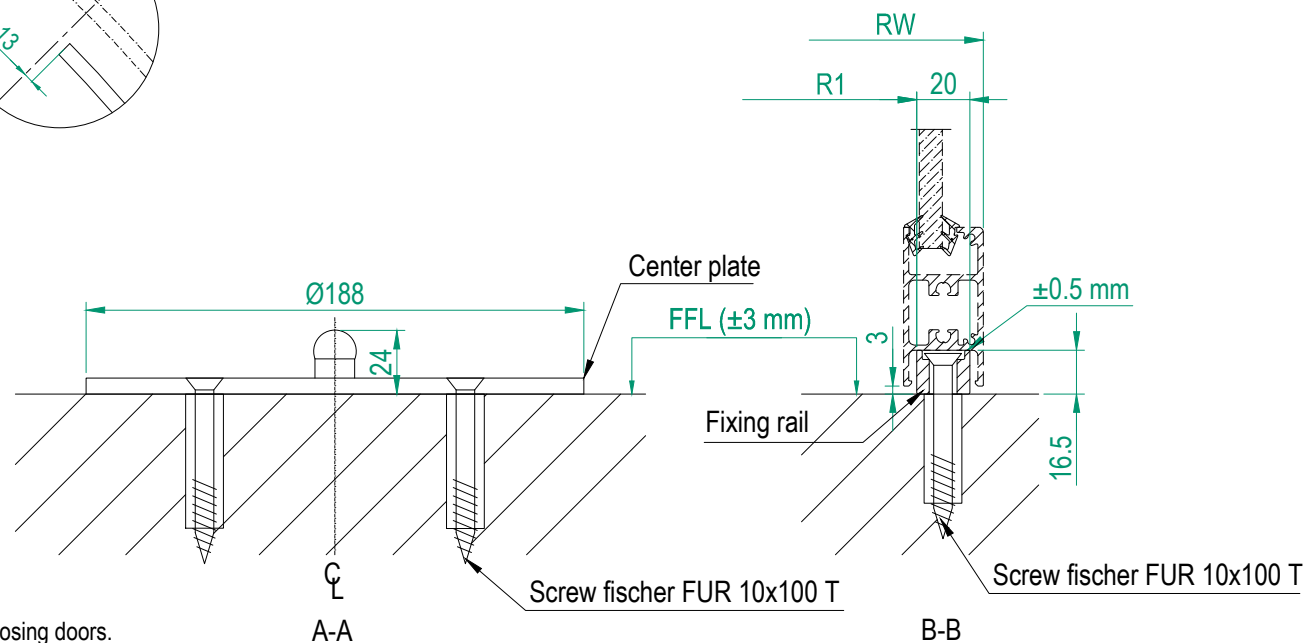
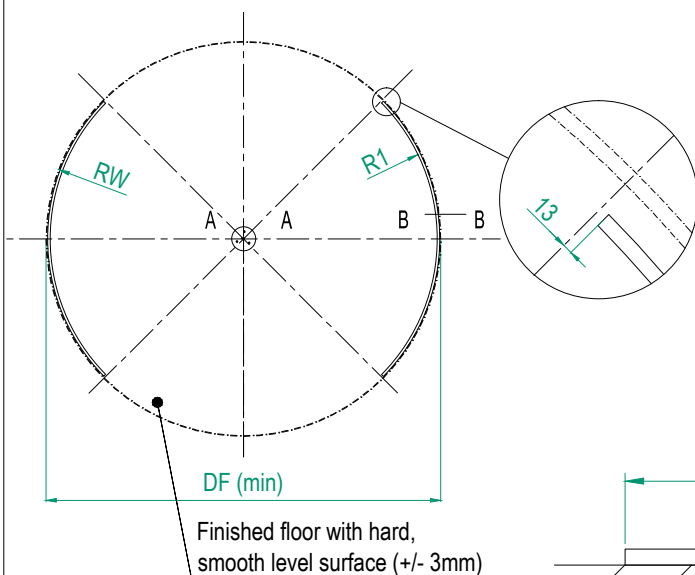
D/2+30

D/2+5

$D \cdot \pi / 2 \cdot H I \cdot 4 \cdot 10^{-5} + \pi \cdot (D/2)^2 \cdot 3 \cdot 10^{-5} + 35$

$D/2 \cdot H I \cdot 3.7 \cdot 10^{-5} \cdot 4$

Note! W1 and W2 are calculated with the maximum glass thickness 14 mm.



Note! Change the layers to view RD200-3-5 and night closing doors.

Customer:

Ref:

Door id:

Date:

Project No:

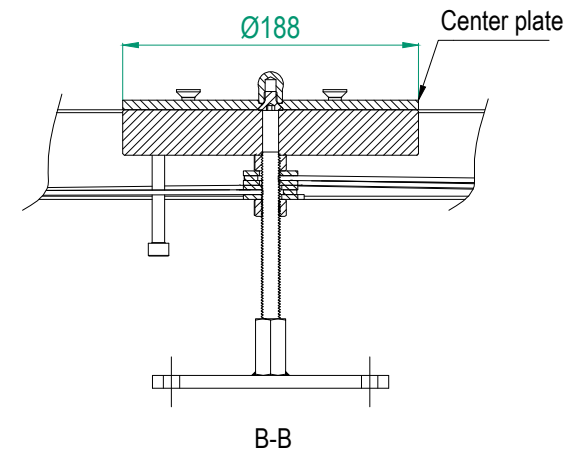
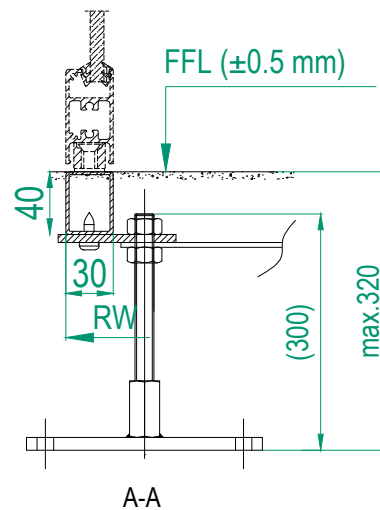
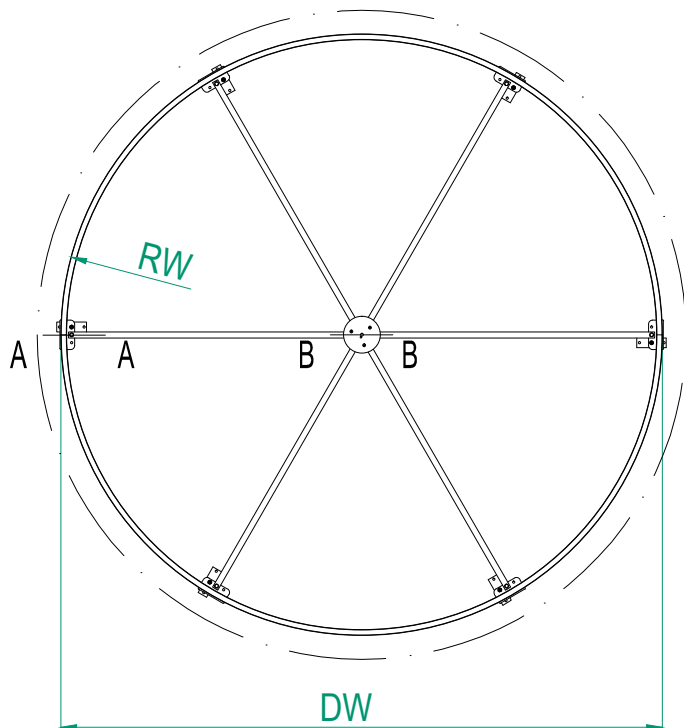
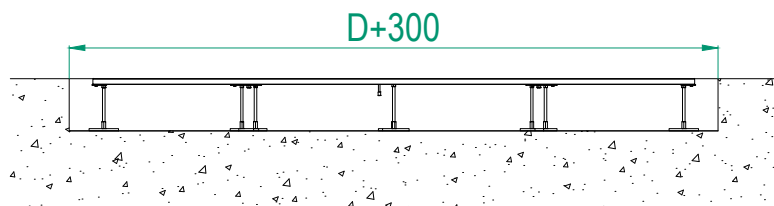
Sign:

Revolving door
ASSA ABLOY RD200-4-5
Without night closing door
Floor preparation

ASSA ABLOY

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	□ -18	□ -19	□ -20	□ -21	□ -22	□ -23	□ -24	□ -25	□ -26	□ -27	□ -28	□ -29	□ -30	□ -31	□ -32	□ -33	□ -34	□ -35	□ -36	□ -37	□ -38	□ -39	□ -40	Formula
D	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	D
RW	930	980	1030	1080	1130	1180	1230	1280	1330	1380	1430	1480	1530	1580	1630	1680	1730	1780	1830	1880	1930	1980	2030	D/2+30
DW	1860	1960	2060	2160	2260	2360	2460	2560	2660	2760	2860	2960	3060	3160	3260	3360	3460	3560	3660	3760	3860	3960	4060	D+60



Note! Change the layers to view the internal night closing doors.

Customer:

Ref:

Door id:

Date:

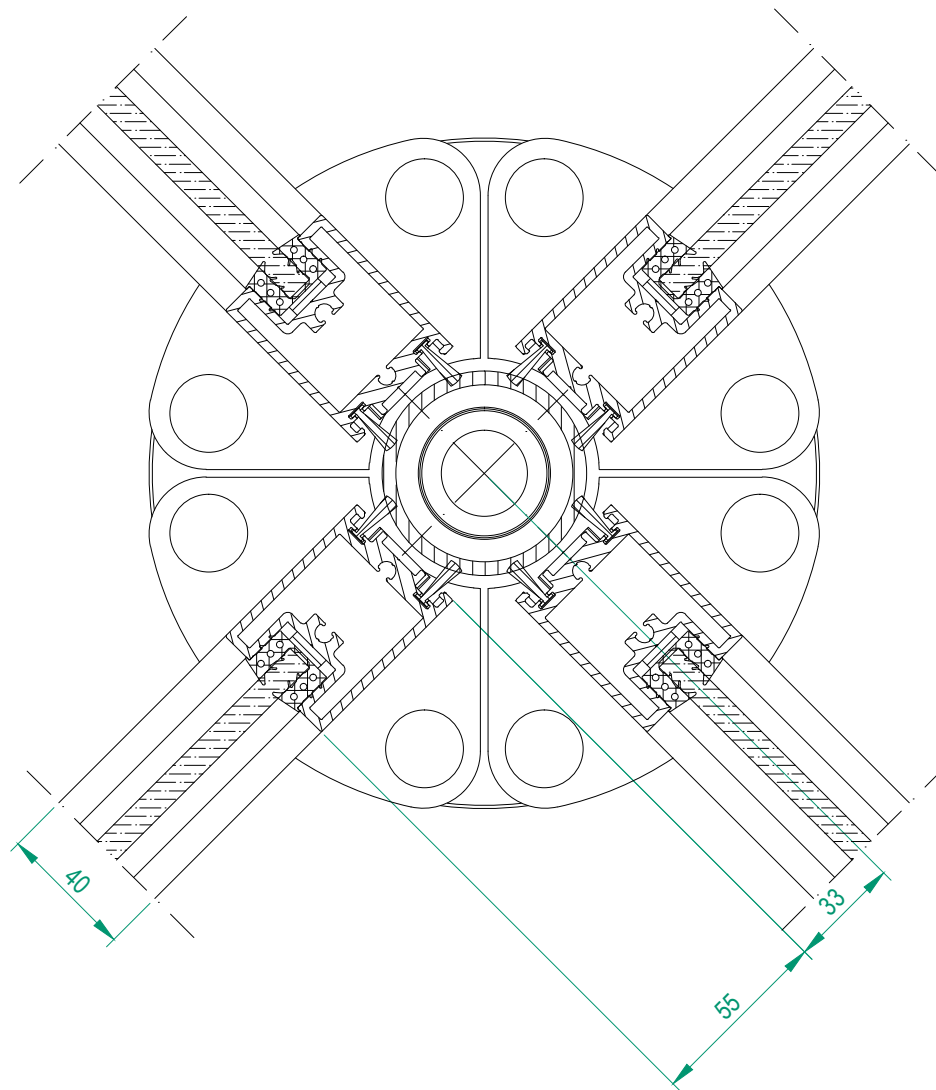
Project No:

Sign:

Revolving door
ASSA ABLOY RD200-3-5 / RD200-4-5
Standard door and external night closing door
Floor preparation with ground ring

ASSA ABLOY

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Customer:

Ref:

Door id:

Date:

Project No:

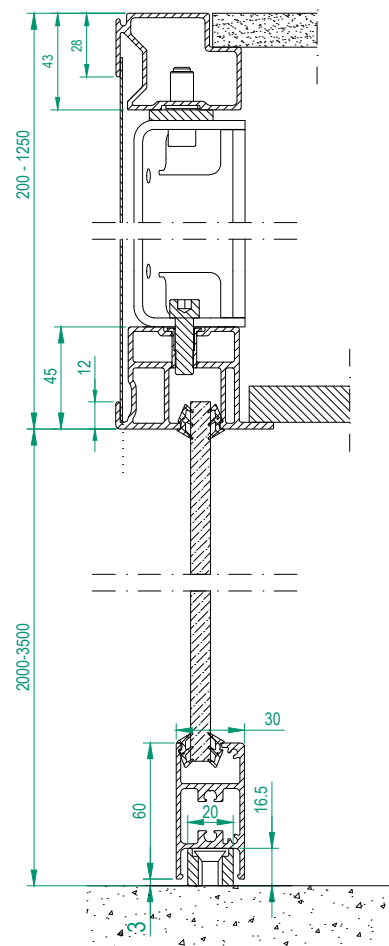
Sign:

Revolving door
ASSA ABLOY RD200-4-5
Section door leaves
Section 1

ASSA ABLOY

1.0

1025024-en



Customer:

Ref:

Door id:

Date:

Project No:

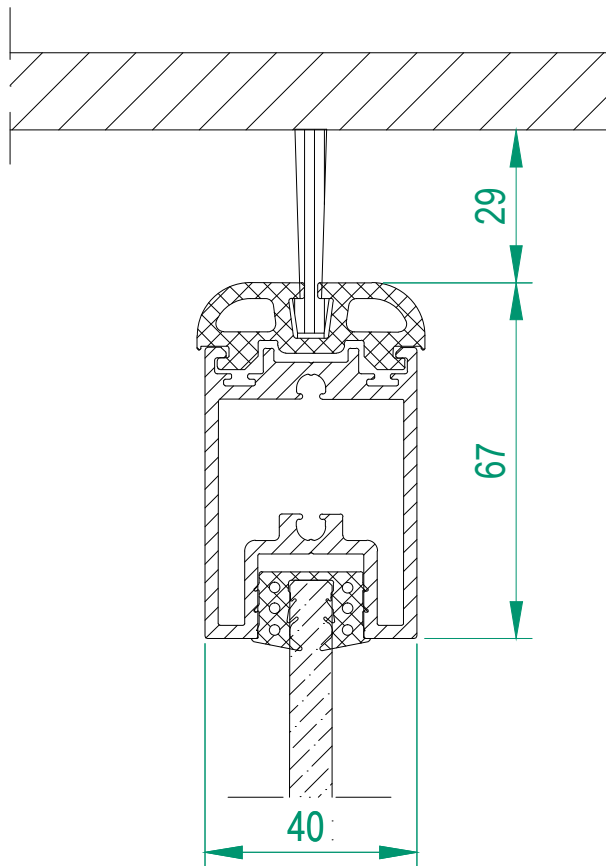
Sign:

Revolving door
ASSA ABLOY RD200-3-5 / RD200-4-5
Section fascia - outer wall
Section 2

ASSA ABLOY

1.0

1025024-en



Customer:

Ref:

Door id:

Date:

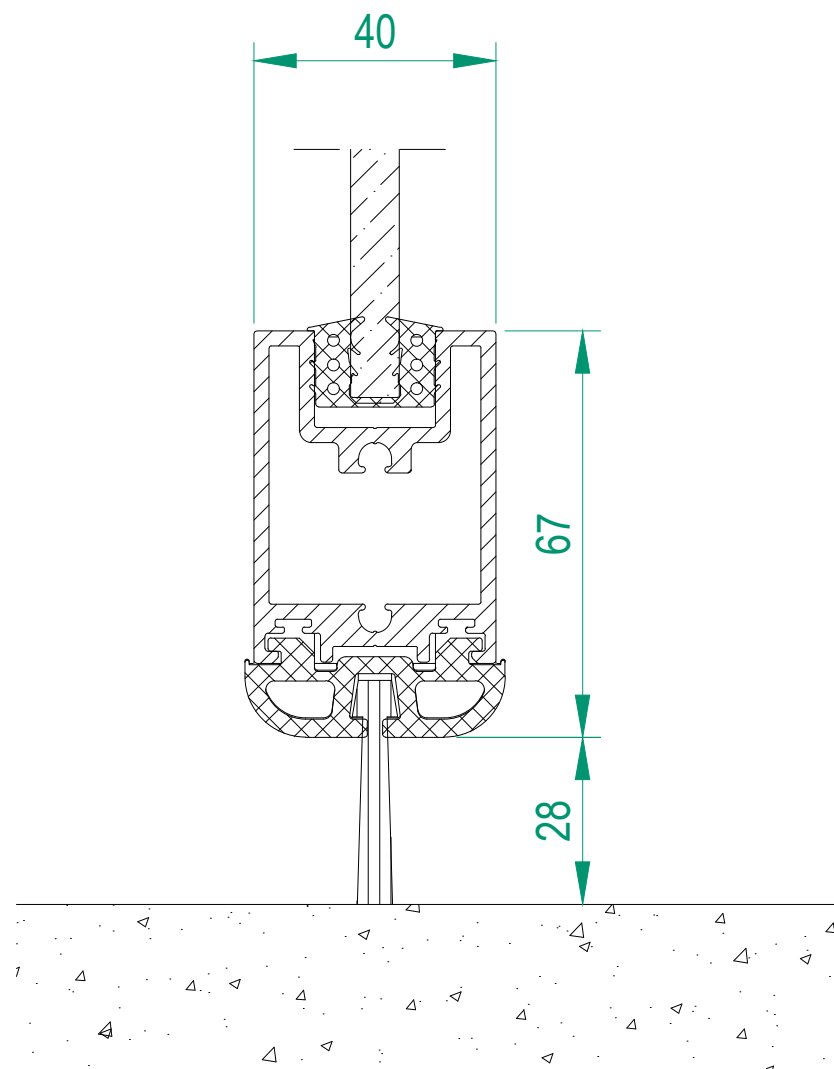
Project No:

Sign:

Revolving door
ASSA ABLOY RD200-3-5 / RD200-4-5
Section ceiling - door leaf
Section 5

ASSA ABLOY

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Customer:

Ref:

Door id:

Date:

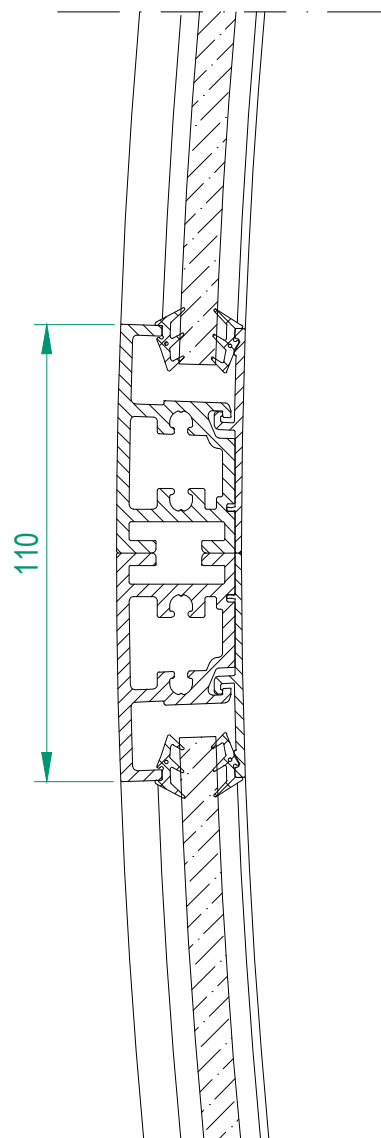
Project No:

Sign:

Revolving door
ASSA ABLOY RD200-3-5 / RD200-4-5
Section floor - door leaf
Section 6

ASSA ABLOY

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Customer:

Ref:

Door id:

Date:

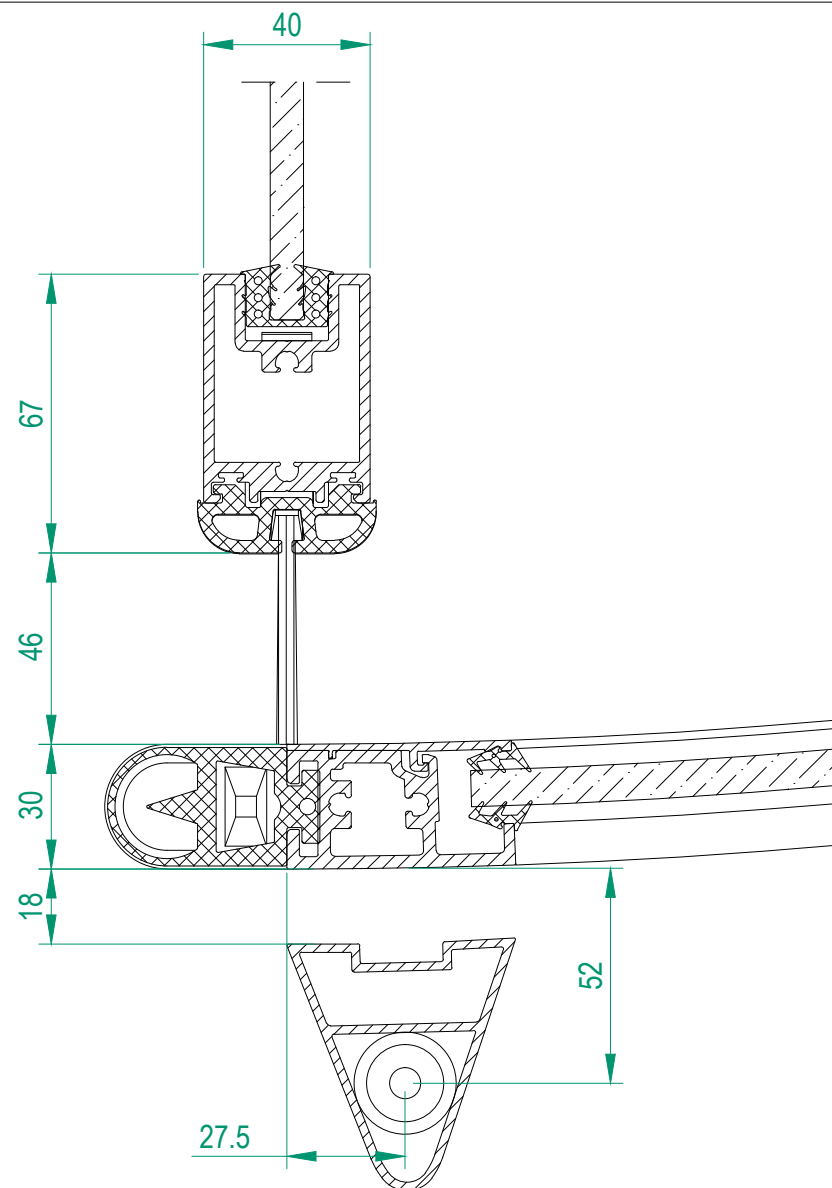
Project No:

Sign:

Revolving door
ASSA ABLOY RD200-3-5 / RD200-4-5
Section outer wall (default)
Section 7

ASSA ABLOY

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Customer:

Ref:

Door id:

Date:

Project No:

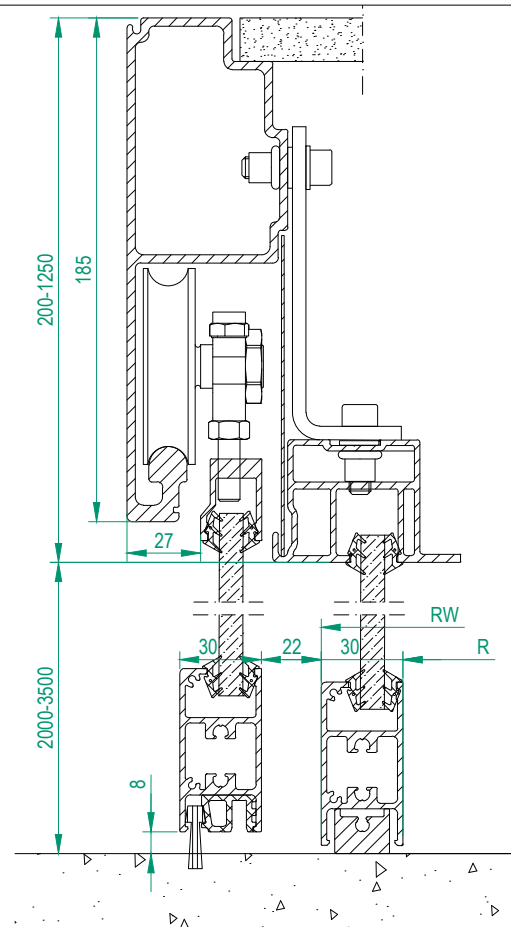
Sign:

Revolving door
ASSA ABLOY RD200-3-5 / RD200-4-5
Section door leaf - outer wall
Section 8

ASSA ABLOY

1.0

1025024-en



Customer:

Ref:

Door id:

Date:

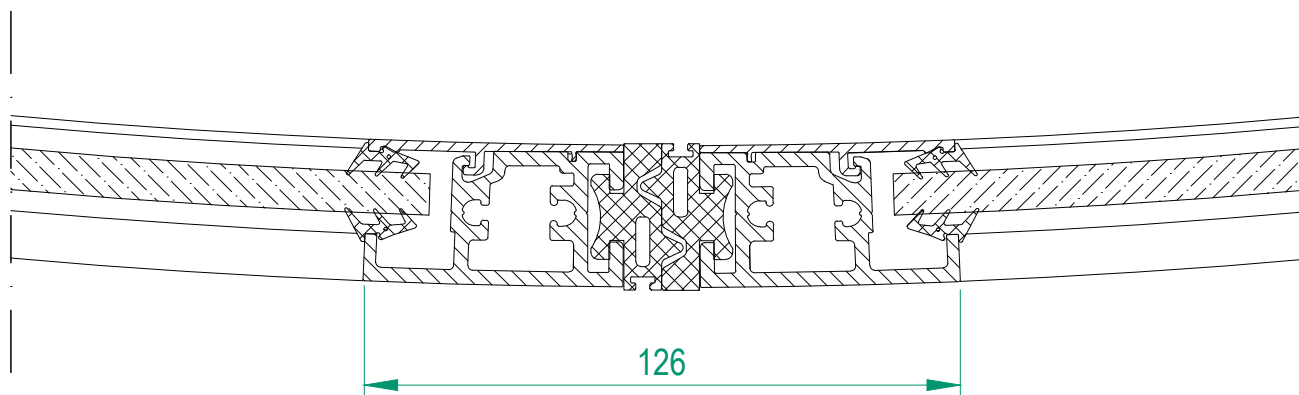
Project No:

Sign:

Revolving door
ASSA ABLOY RD200-3-5 / RD200-4-5
Section external night closing door fascia
Section 10

ASSA ABLOY

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Customer:

Ref:

Door id:

Date:

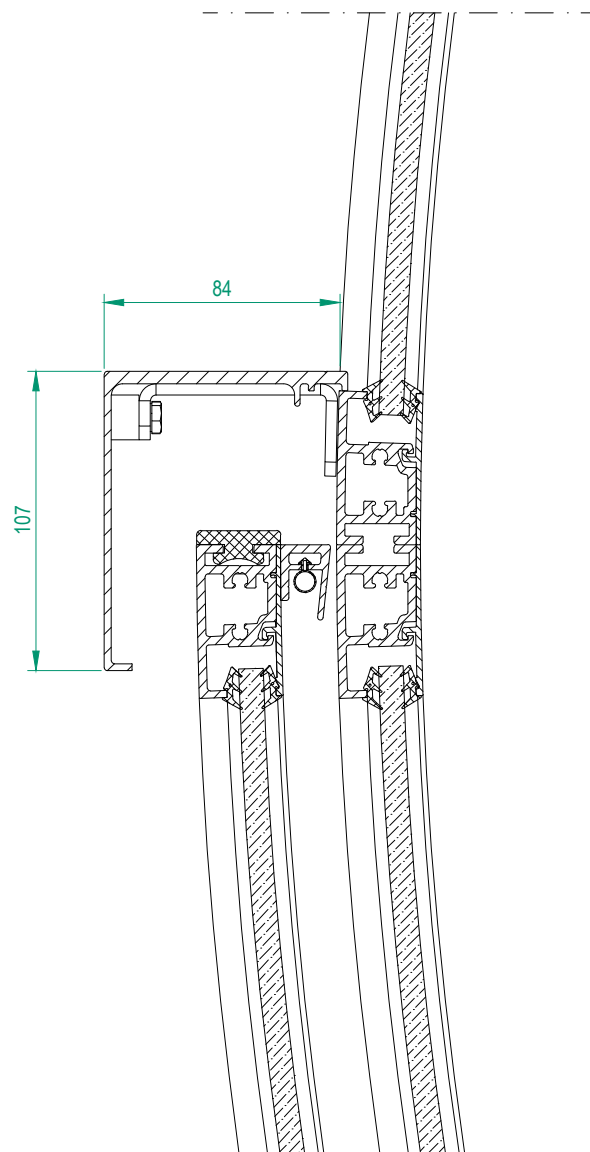
Project No:

Sign:

Revolving door
ASSA ABLOY RD200-3-5 / RD200-4-5 external night closing door
Section night closing door closed
Section 11

ASSA ABLOY

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Customer:

Ref:

Door id:

Date:

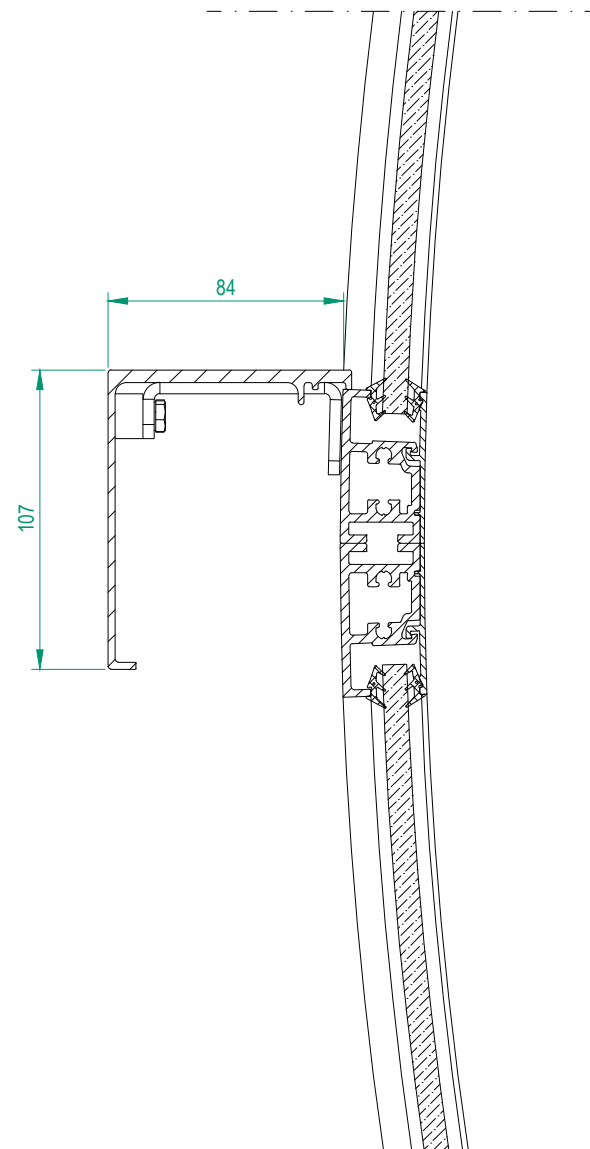
Project No:

Sign:

Revolving door
ASSA ABLOY RD200-4-5 external night closing door
Section outer wall - night closing door open
Section 12

ASSA ABLOY

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Customer:

Ref:

Door id:

Date:

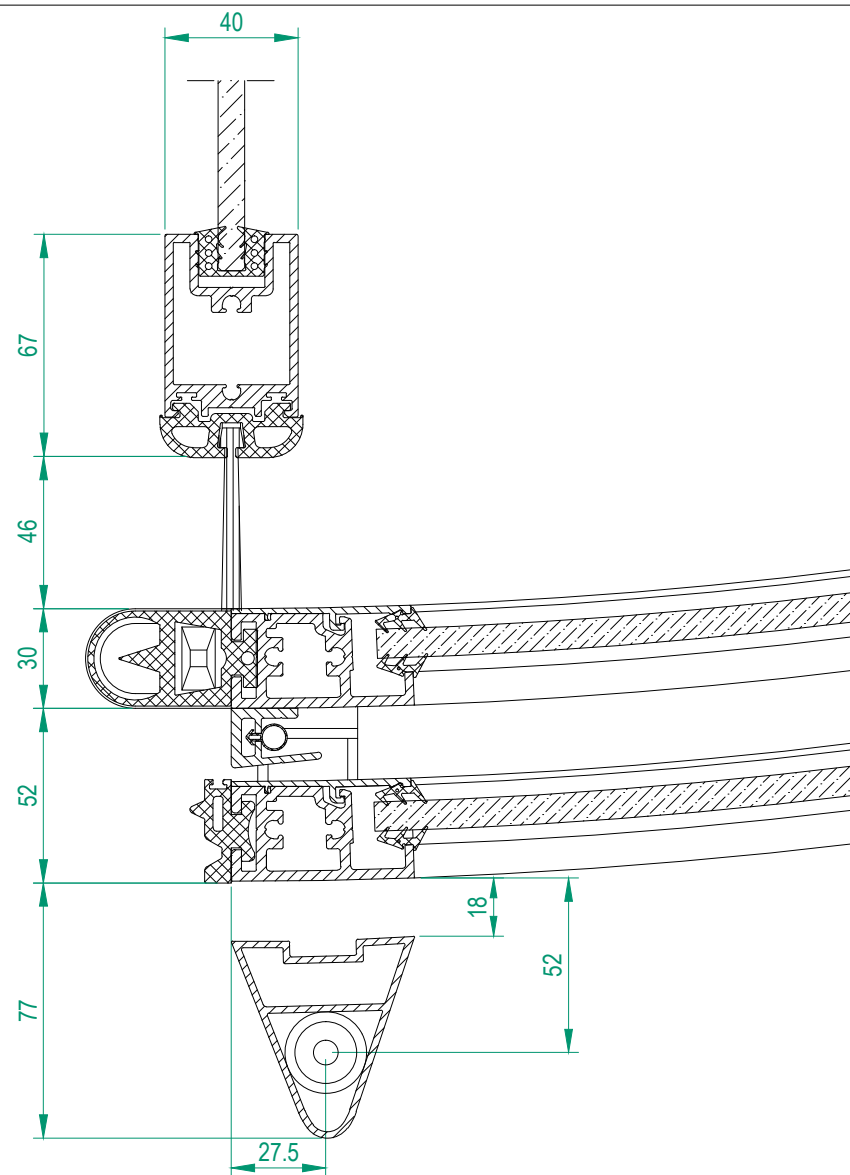
Project No:

Sign:

Revolving door
ASSA ABLOY RD200-4-5 external night closing door
Section outer wall - night closing door closed
Section 13

ASSA ABLOY

1.0 1025024-en



Customer:

Ref:

Door id:

Date:

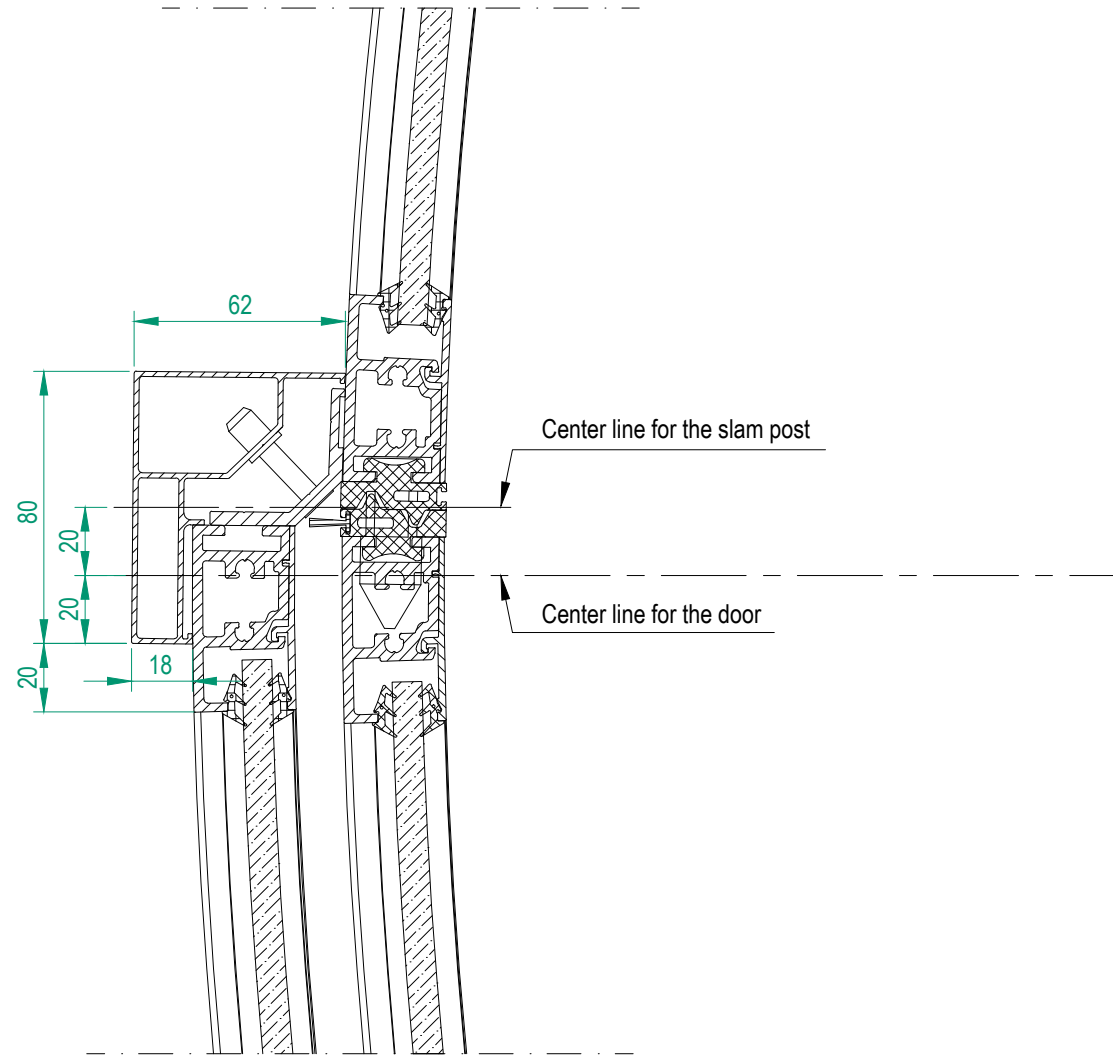
Project No:

Sign:

Revolving door
ASSA ABLOY RD200-3-5 / RD200-4-5 external night closing door
Section door leaf - night closing door
Section 14

ASSA ABLOY

1.0 1025024-en



Customer:

Ref:

Door id:

Date:

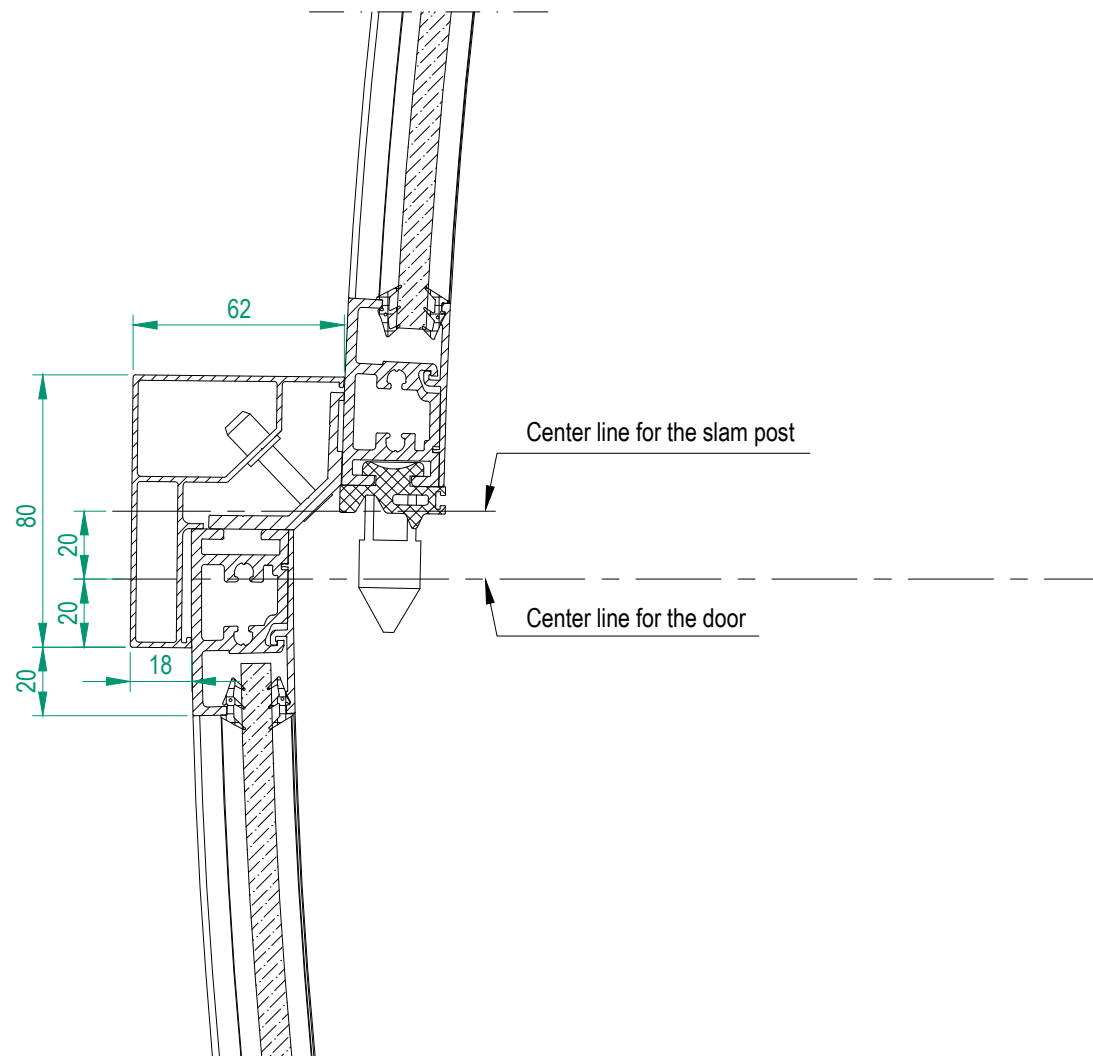
Project No:

Sign:

Revolving door
ASSA ABLOY RD200-3-5 / RD200-4-5 internal night closing door
Section outer wall - night closing door open
Section 15

ASSA ABLOY

1.0 1025024-en



Customer:

Ref:

Door id:

Date:

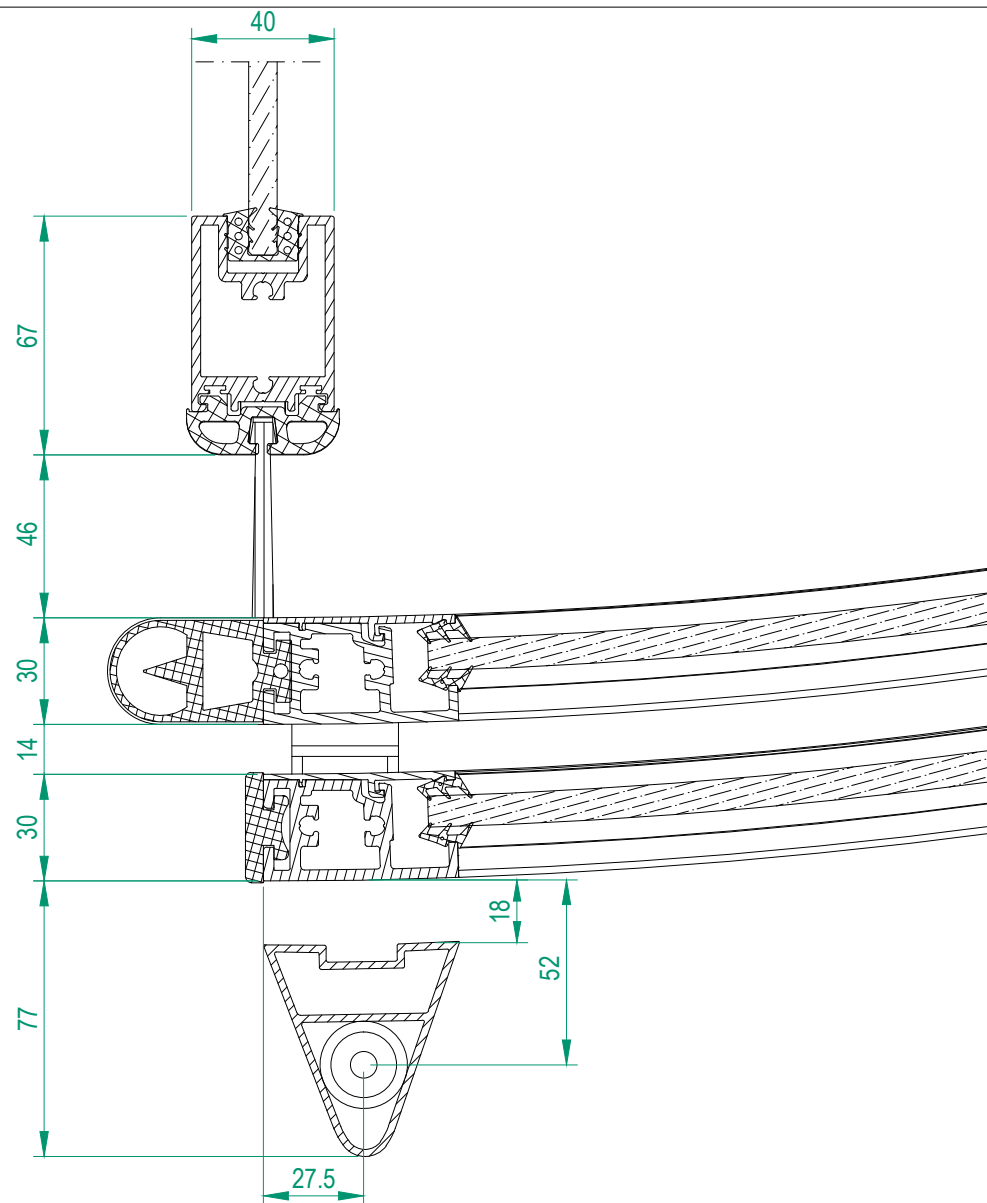
Project No:

Sign:

Revolving door
ASSA ABLOY RD200-3-5 / RD200-4-5 internal night closing door
Section outer wall - night closing door closed
Section 16

ASSA ABLOY

1.0 1025024-en



Customer:

Ref:

Door id:

Date:

Project No:

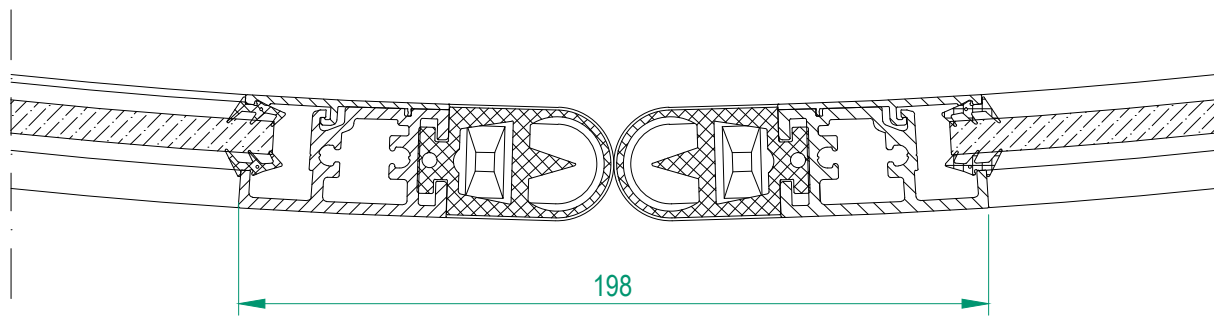
Sign:

Revolving door
ASSA ABLOY RD200-3-5 / RD200-4-5 internal night closing door
Section door leaf - night closing door
Section 17

ASSA ABLOY

1.0

1025024-en



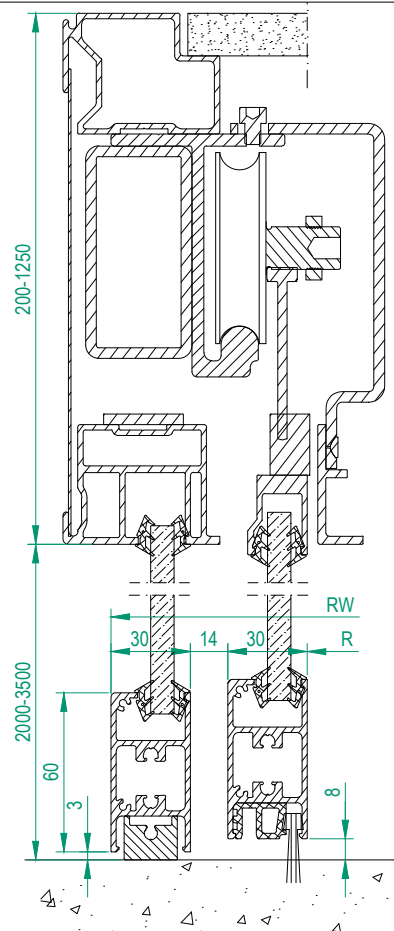
Customer:
Door id:
Project No:

Ref:
Date:
Sign:

Revolving door
ASSA ABLOY RD200-3-5 / RD200-4-5 internal night closing door
Section internal night closing door closed
Section 18

ASSA ABLOY

1.0 1025024-en



Customer:

Ref:

Door id:

Date:

Project No:

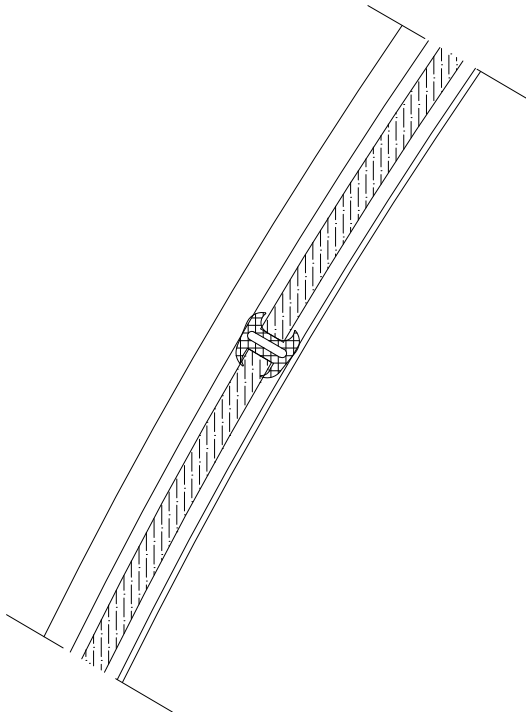
Sign:

Revolving door
ASSA ABLOY RD200-3-5 / RD200-4-5 internal night closing door
Section internal night closing door fascia
Section 19

ASSA ABLOY

1.0

1025024-en



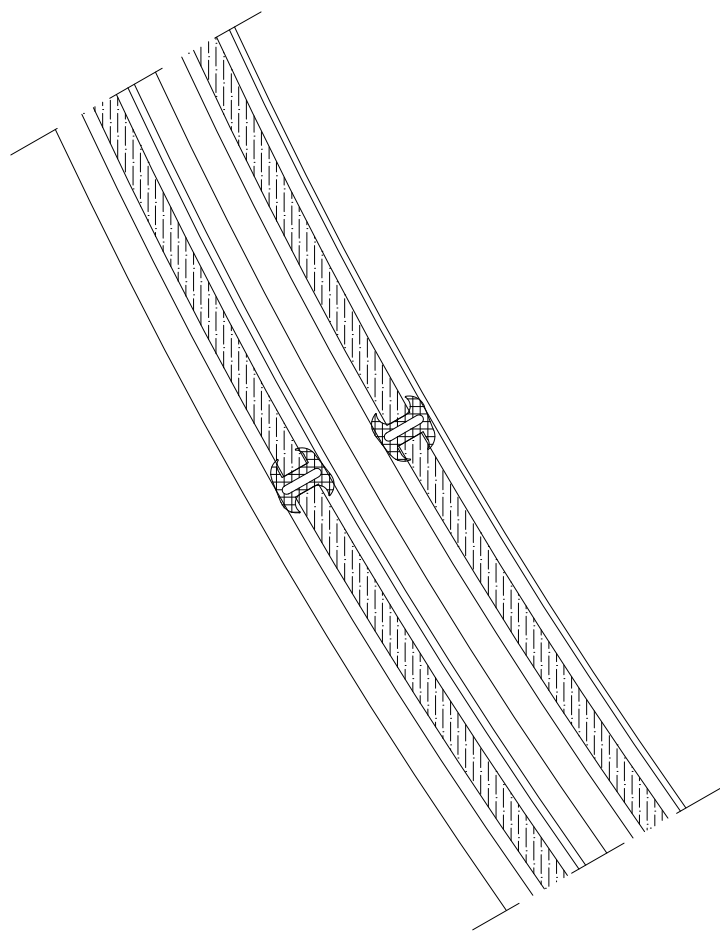
Note! D>3000 only.

Customer:	Ref:
Door id:	Date:
Project No:	Sign:

Revolving door
ASSA ABLOY RD200-3-5
Outer wall
Section 20

ASSA ABLOY

1.0 1025024-en



Note! D>3000 only.

Customer:
Door id:
Project No:

Ref:
Date:
Sign:

Revolving door
ASSA ABLOY RD200-3-5
Outer wall with night closing door
Section 21

ASSA ABLOY

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