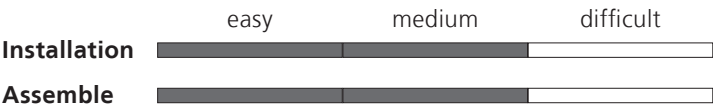


SLIDING DOOR: PLANNING

SYSTEM AIR-B SYNCHRO SERIES 1200

Version 1.0 (2017-08-08)



Subject to technical changes.



CONTENT AND TOOLS

CONTENT:

Content and tools	page	02
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Accessories AIR-B Synchro S1200	page	05
Accessories AIR-B Synchro S1200 with GTB	page	06
Measurement	page	07
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AIR-B Synchro S1200	page	14
AIR-B Synchro S1200 with GTB	page	15
Cuttting dimensions profiles	page	16
Cutting dimension panel / mirror	page	17

- TOOLS:

(without claim of completeness)
- Aluminium saw

■ Pencil

■ Drill set (metall)

■ Drilling machine

■ Rubber mallet

■ Allen key set

■ Straight edge (optionally)

■ Wire cutting pliers

■ Water level



Version 1.0:








VERSION INFORMATION:

PRODUCT INFORMATION

GENERAL INFORMATION: Preparation

- This manual is part of the product and describes the safe and proper installation of the system. Please read the instructions carefully before installation
- Please note that the assembly should only be done by qualified and trained staff in strict compliance with all details indicated in this document. Improper installation in variation from manufacturer's specification may cause defects and danger, thus endangering the safe fixing of the product as well as the safety of the prospective user. The liability of the manufacturer shall be excluded in case of defects and consequential damages resulting from incorrect assembly of this product.
- Please check the completeness of the delivered parts and check carefully if any transport damages are visible.
- If any parts are damaged or lost, please immediately contact the responsible supplier.
- It is assumed that you have exactly identified all cutting dimensions according to the measurement instruction for **raumplus** products.

SYMBOLE:

Symbol	Importance
	Risk or danger!
	Advice and information
	Additional information / other documents
	Directional data / direction of movement
	„yes“ and „right“
	„no“ and „wrong“
	Follow the order

SYSTEM:

System Information: System AIR-B S1200

- max. weight of element = **60 kg**
- min./max. door height = **700 mm / 2750 mm**
- min./max. door width = **500 mm / 1400 mm**

PRODUCT INFORMATION

GENERAL INFORMATION: **Product safety**

- The System AIR-B S 1200 complies with the prior of the art and the authorized safety rules at the time of delivery.

USE:

Intended use

- The prerequisite for the intended use of our products is the professional installation according to our installation instruction. Sufficient fittings must be available and durably installed to all relevant places.
The function of the fittings must not be hindered or altered during installation.
- Special solutions are only possible in consultation with **raumplus**.

Incorrect use

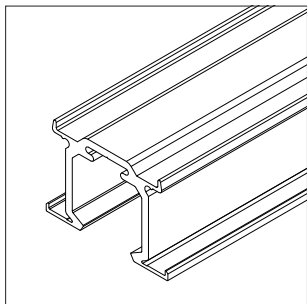
- Risk or danger may occur in the following cases:
 - the door system has improperly been installed or maintained
 - the safety and installation instructions have not been followed.
 - after improper installation or inadequate fixing (e.g. to parts of buildings)
 - the maximum weight of the doors has been exceeded.
 - improper shock and case loads or other additional loads on the fittings have occurred
 - the fittings have been used outside.
 - body parts or objects got into the closing edges or door runnings during use of the door wing.
 - the door system is not used as intended.

Structural modifications

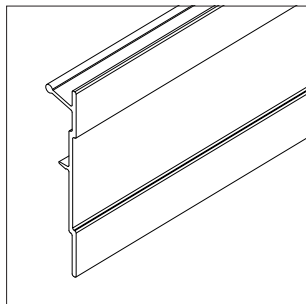
- Structural modifications that are not offered as an accessory from **raumplus** may only be attached or installed with permission of **raumplus GmbH**!

ACCESSORIES

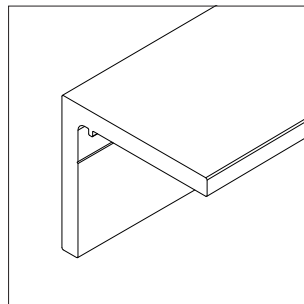
AIR-B SYNCHRO S1200



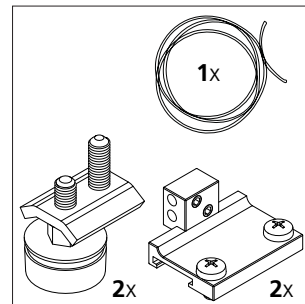
1_ 14.55.0xx



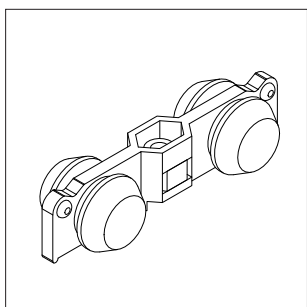
2_ 14.50.0xx



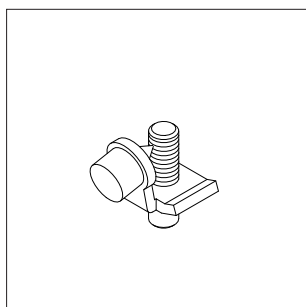
3_ 14.54.020



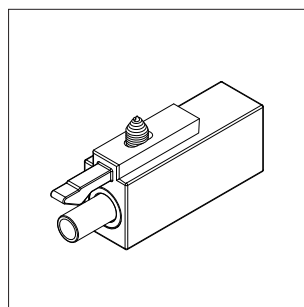
4_ 10.06.065



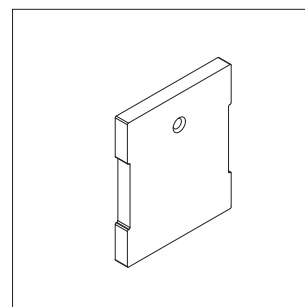
5_ 10.06.200



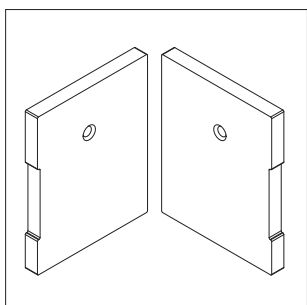
6_ 10.05.060



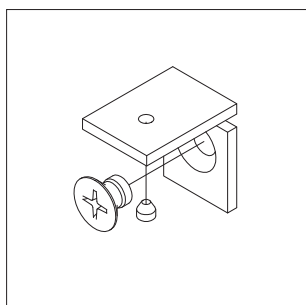
7_ 10.05.017



8_ 10.05.xx1



9_ 10.05.xx6 / 10.05.xx7



10_ 10.05.290

1_ Top track insert AIR

2_ Cover profile, 60mm

3_ Wall connection profile for AIR S42

4_ Synchro fitting S1200 AIR -B

5_ Top roller AIR

6_ Stopper for top roller AIR w/o brake

7_ Stopper for top roller AIR

8_ End cap for top track insert 40mm, AIR S42

9_ End cap for wall connection profile AIR, left

10_ Connector for end cap AIR

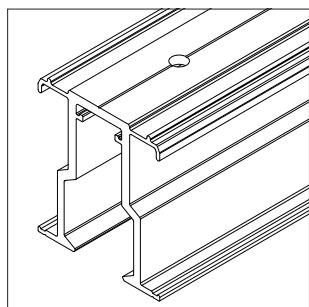
without illustration:

13_ Bottom guiding AIR 12 mm (10.05.047)

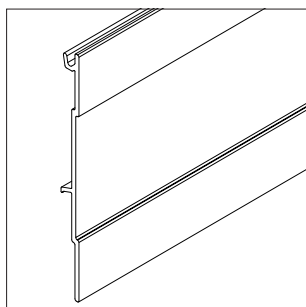
14_ Distance plate for guiding (10.05.048)

ACCESSORIES

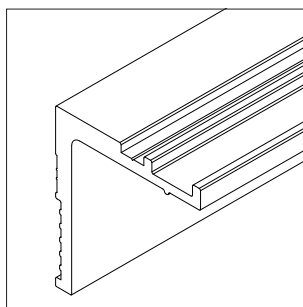
AIR-B SYNCHRO S1200 WITH SLIDING DOOR BRAKE



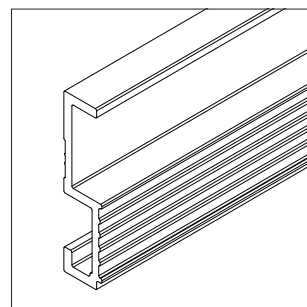
1_ 14.51.0xx



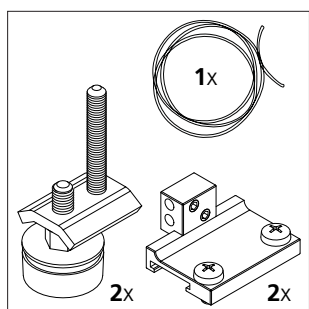
2_ 14.52.0xx



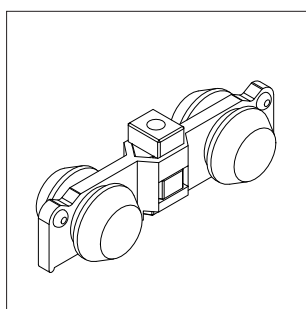
3_ 14.57.020



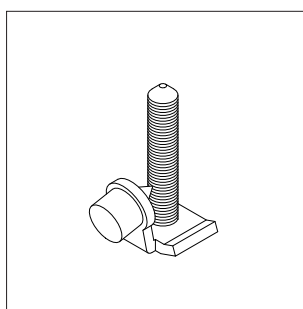
4_ 14.58.020



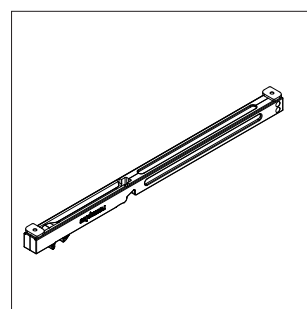
5_ 10.06.066



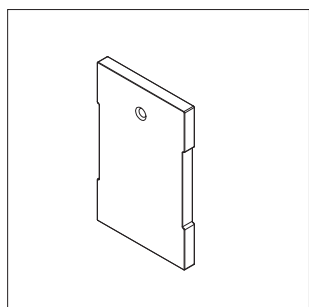
6_ 10.06.300



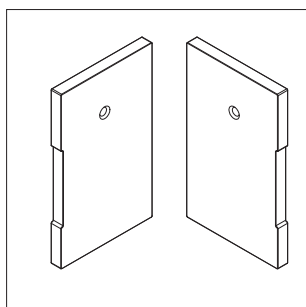
7_ 10.06.360



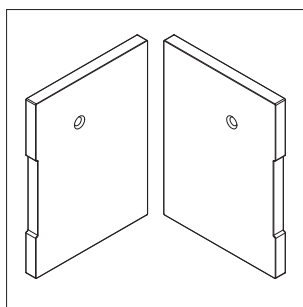
8_ 10.06.365



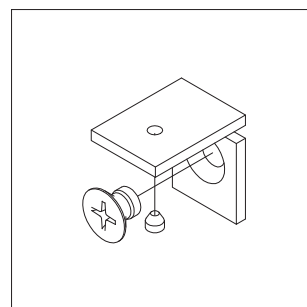
9_ 10.06.xx1



10_ 10.06.xx6 / 10.06.xx7



11_ 10.06.xx2 / 10.06.xx3



12_ 10.05.290

1_ Top track insert for AIR S42 with SDB

2_ Cover for insert profile AIR S42 with SDB 80 mm

3_ Wall connection profile S42 AIR SDB

4_ Wall connection distance profile AIR S 42 with SDB

5_ Synchro fitting S 1200 AIR with SDB

6_ Top roller SDB AIR

7_ Stopper for top roller with SDB AIR

8_ Sliding door brake AIR

9_ End cap for top track insert S42 SDB, single, 80 mm

10_ End cap for wall connection profile, left / right

11_ End cap for wall connection & distance profile, left / right

12_ Connector for end cap AIR

without illustration:

13_ Screw DIN 914 M3 x 5
for attachment of the cover at the top track (10.06.350)

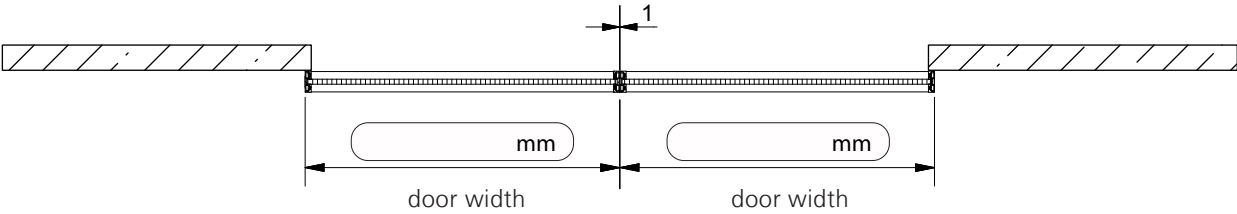
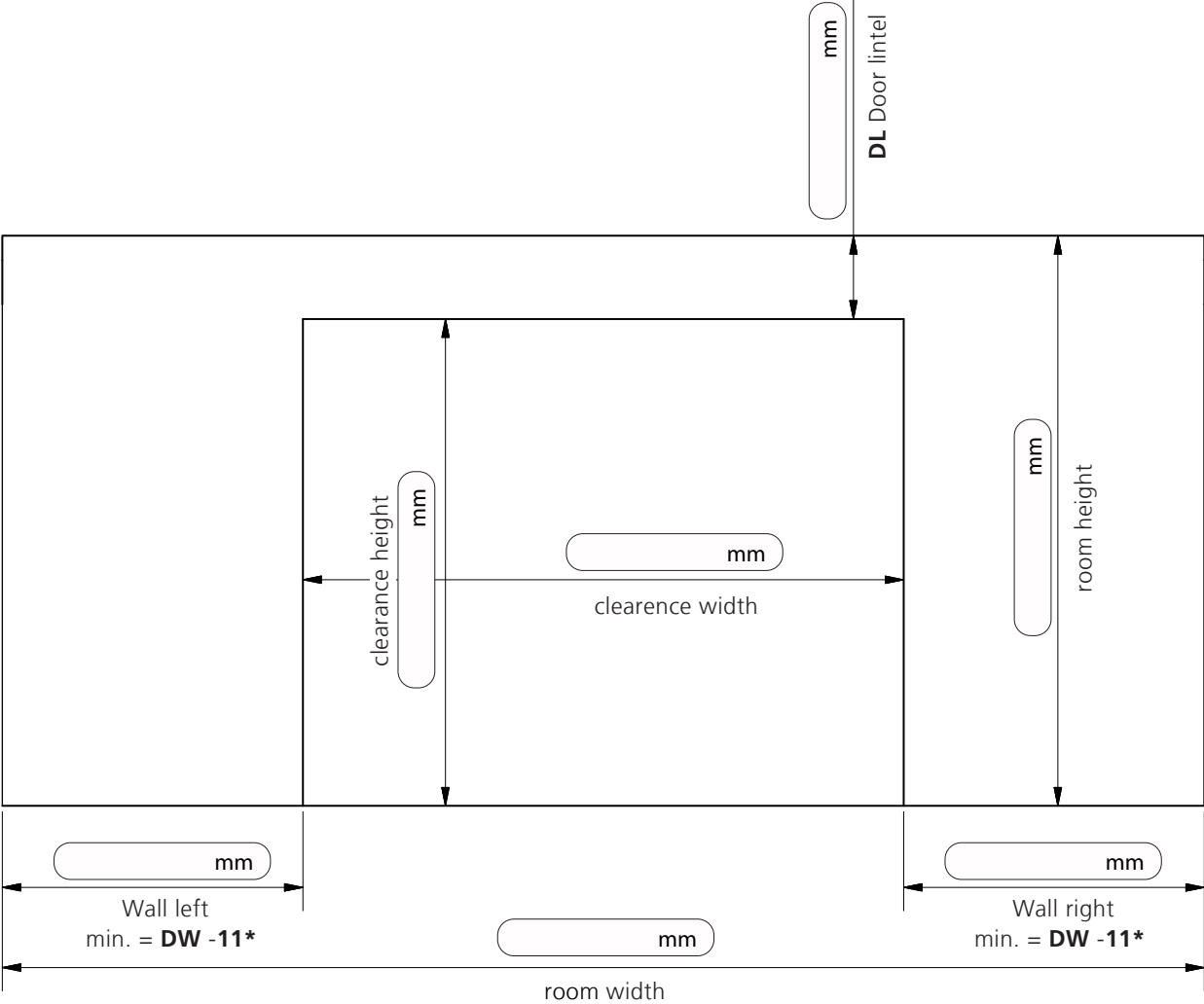
14_ Screw DIN 571 8 x 50
for Wall connection- and distance profile
(recommended) (10.06.350)

15_ Bottom guiding AIR 12 mm (10.05.047)

16_ Distance plate for guiding (10.05.048)

MEASUREMENT

AIR-B SYNCHRO **S1200**



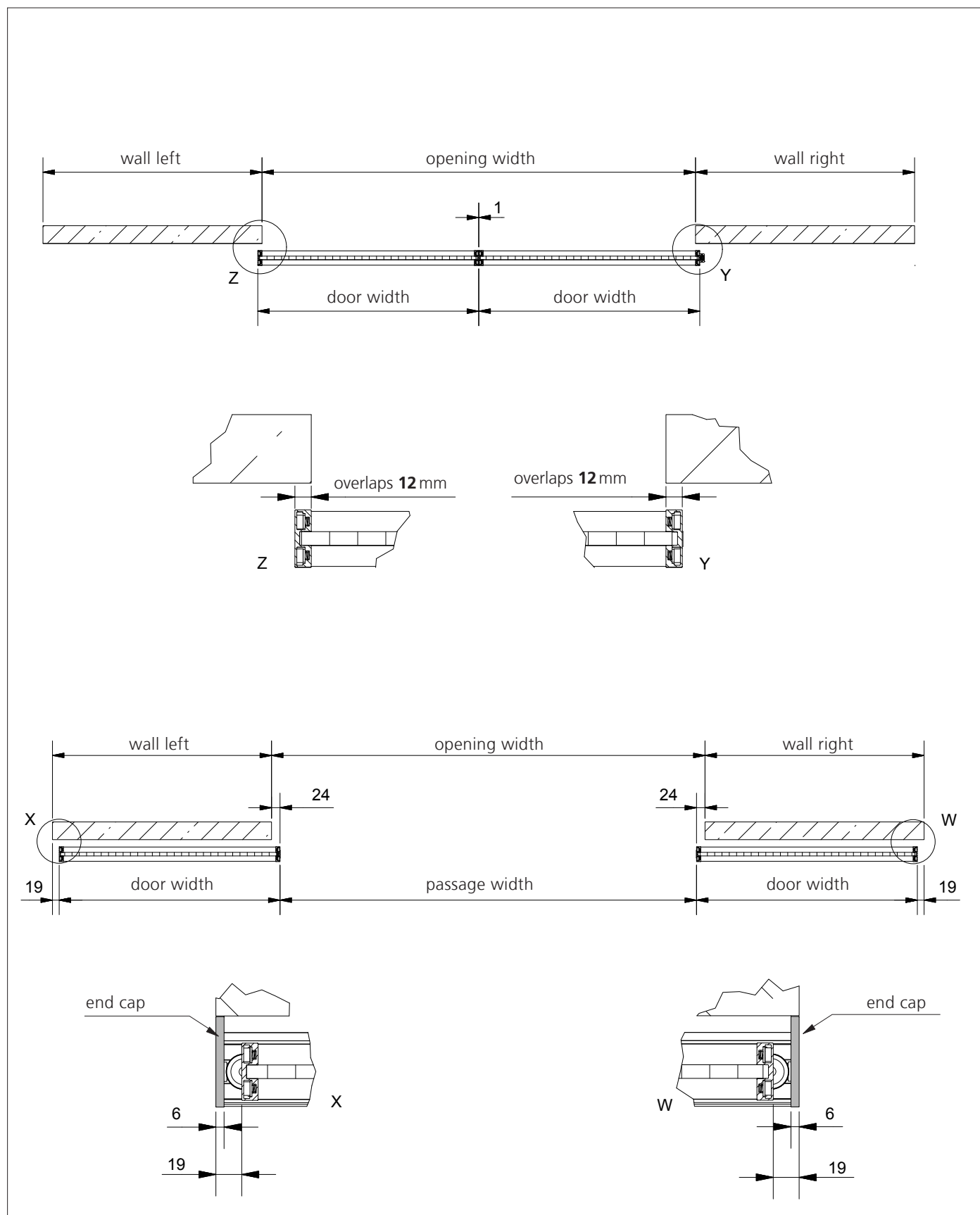
doorwidth = (clearance width + 23) / 2



*If necessary, +6 mm for two end cap plan on.

OVERLAP RANGE

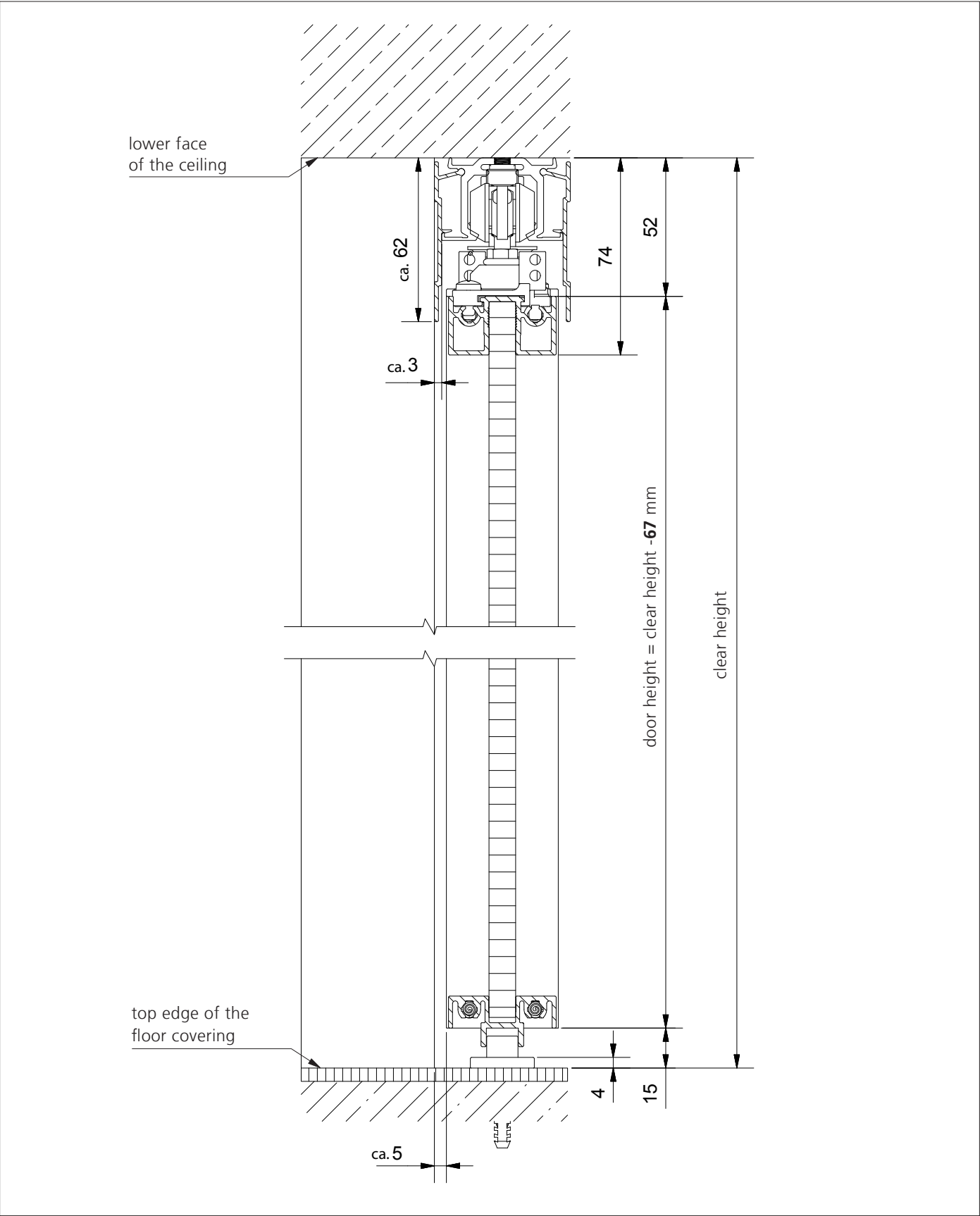
AIR-B SYNCHRO S 1200



1_ Calculation the passage width

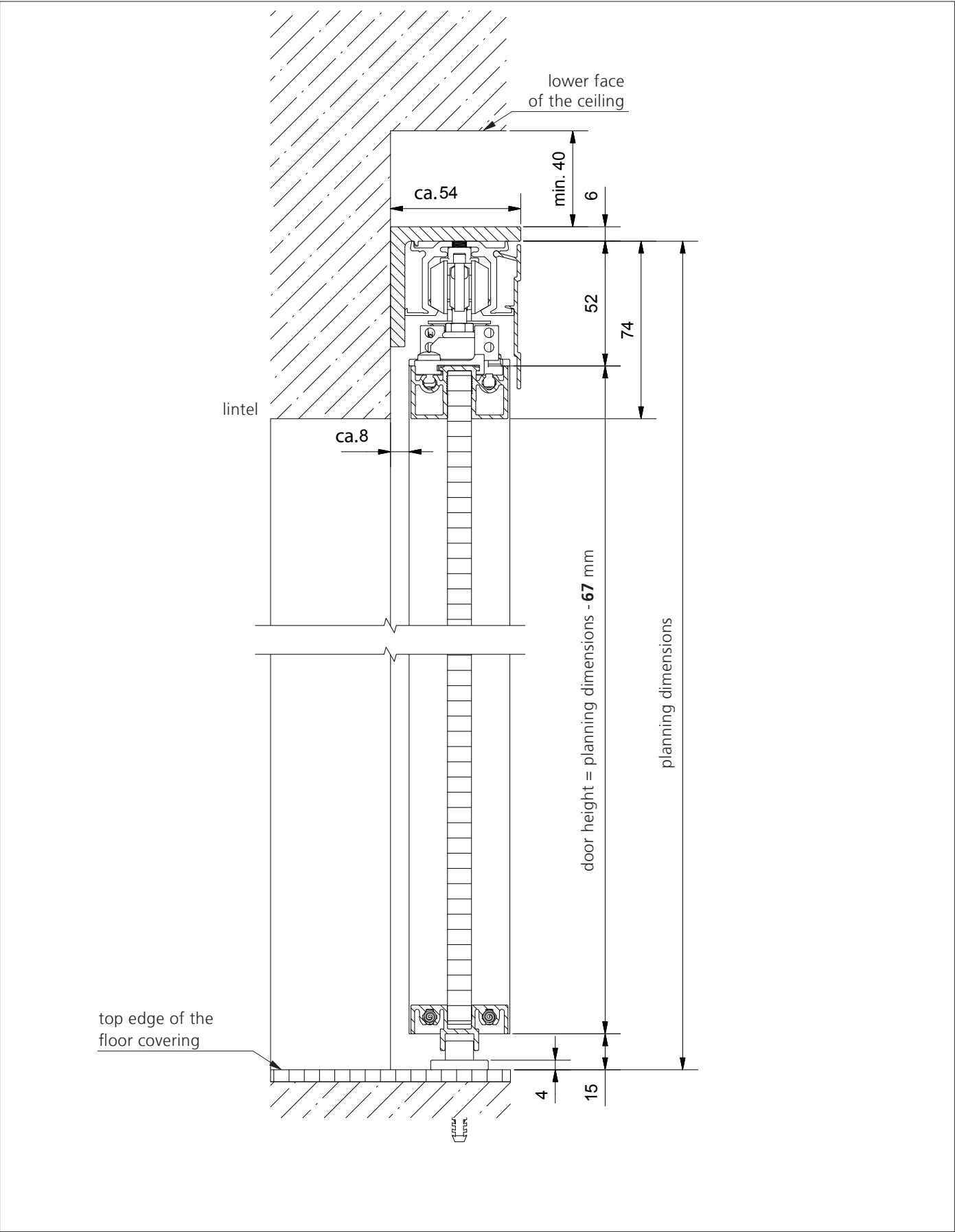
DETAIL DRAWING

VERTICAL SECTION AIR-B SYNCHRO **S1200**



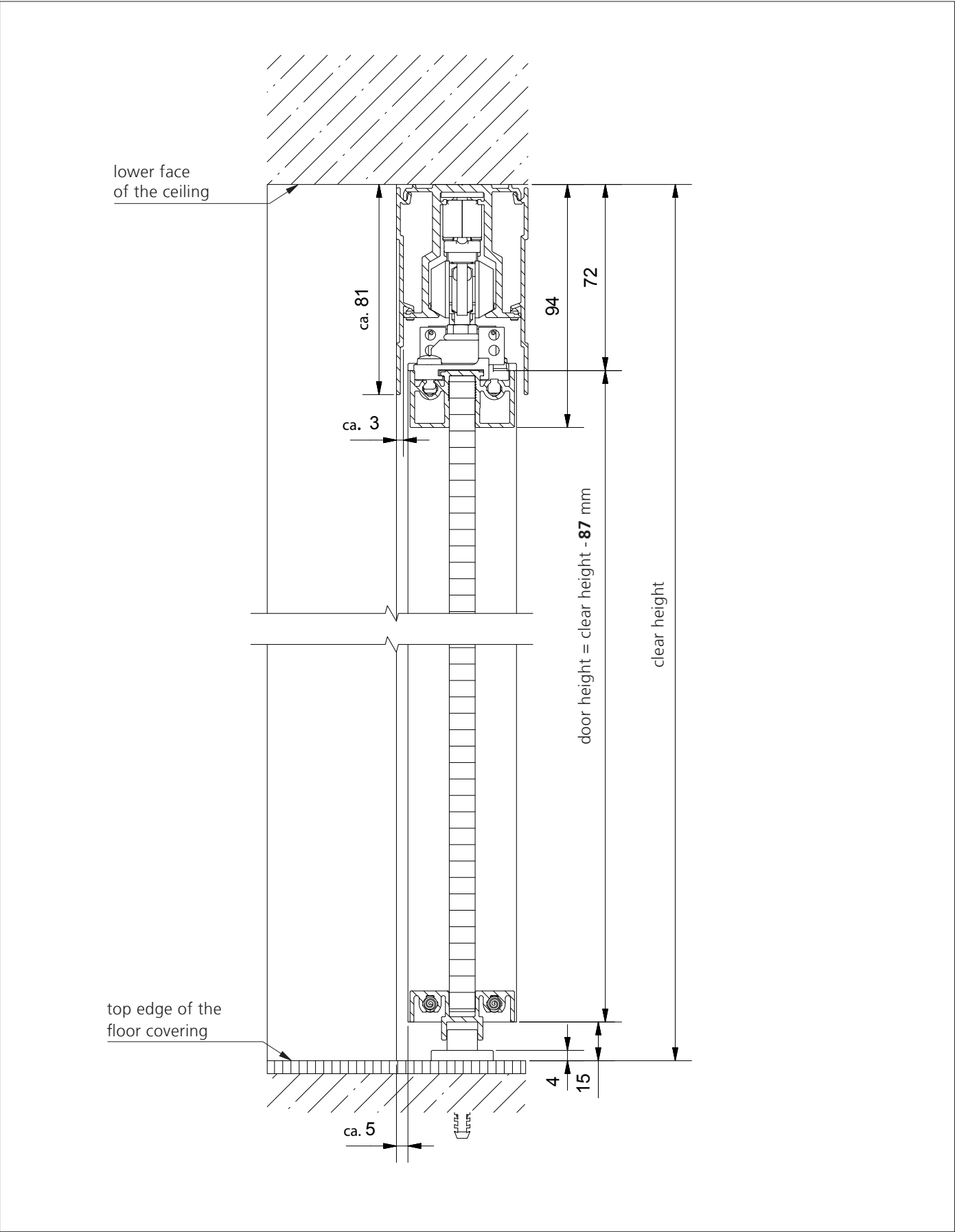
DETAIL DRAWING

VERTICAL SECTION AIR-B SYNCHRO **S 1200** WITH **WALL CONNECTION** PROFILE



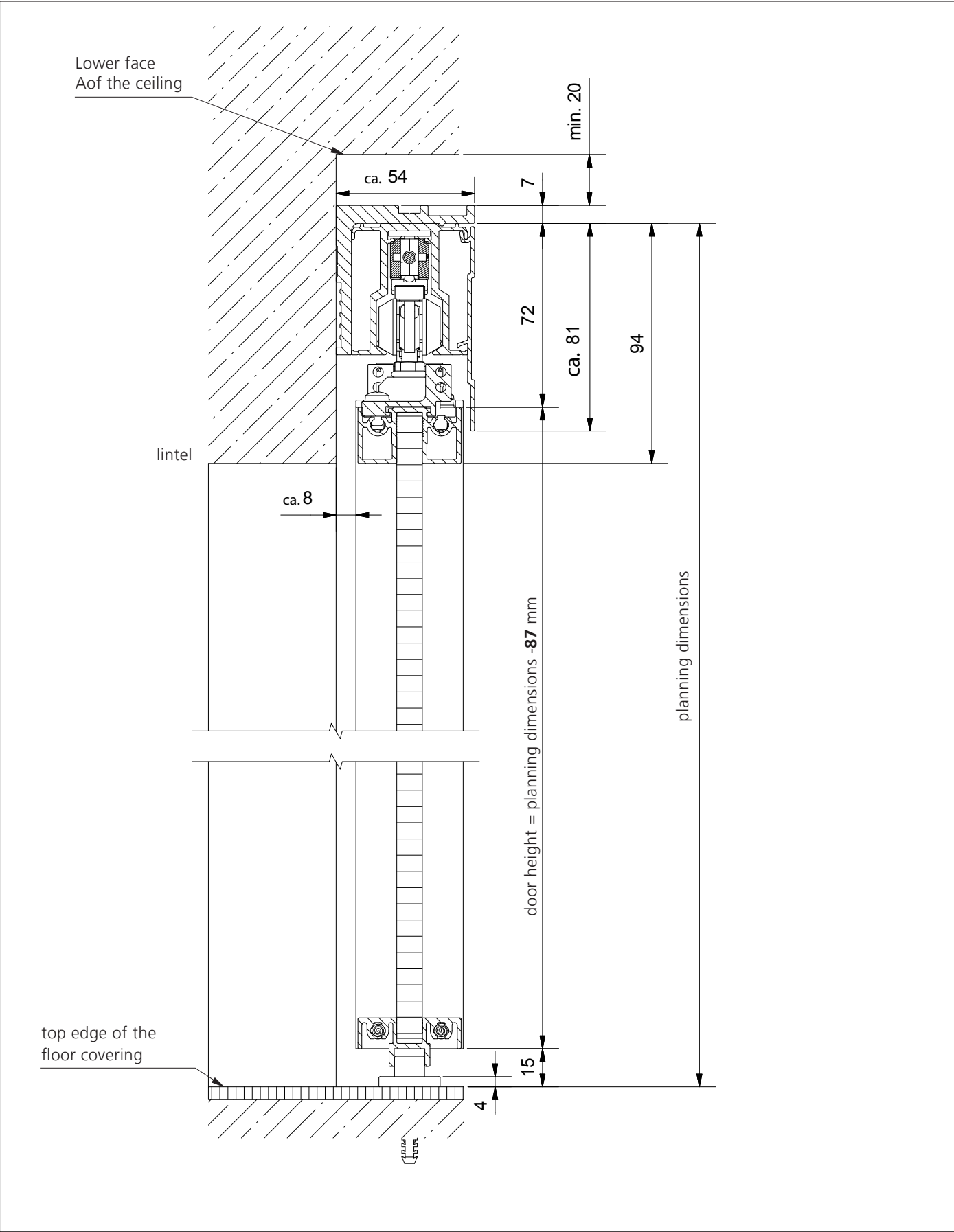
DETAIL DRAWING

VERTICAL SECTION AIR-B SYNCHRO **S1200** WITH **SLIDING DOOR BRAKE**



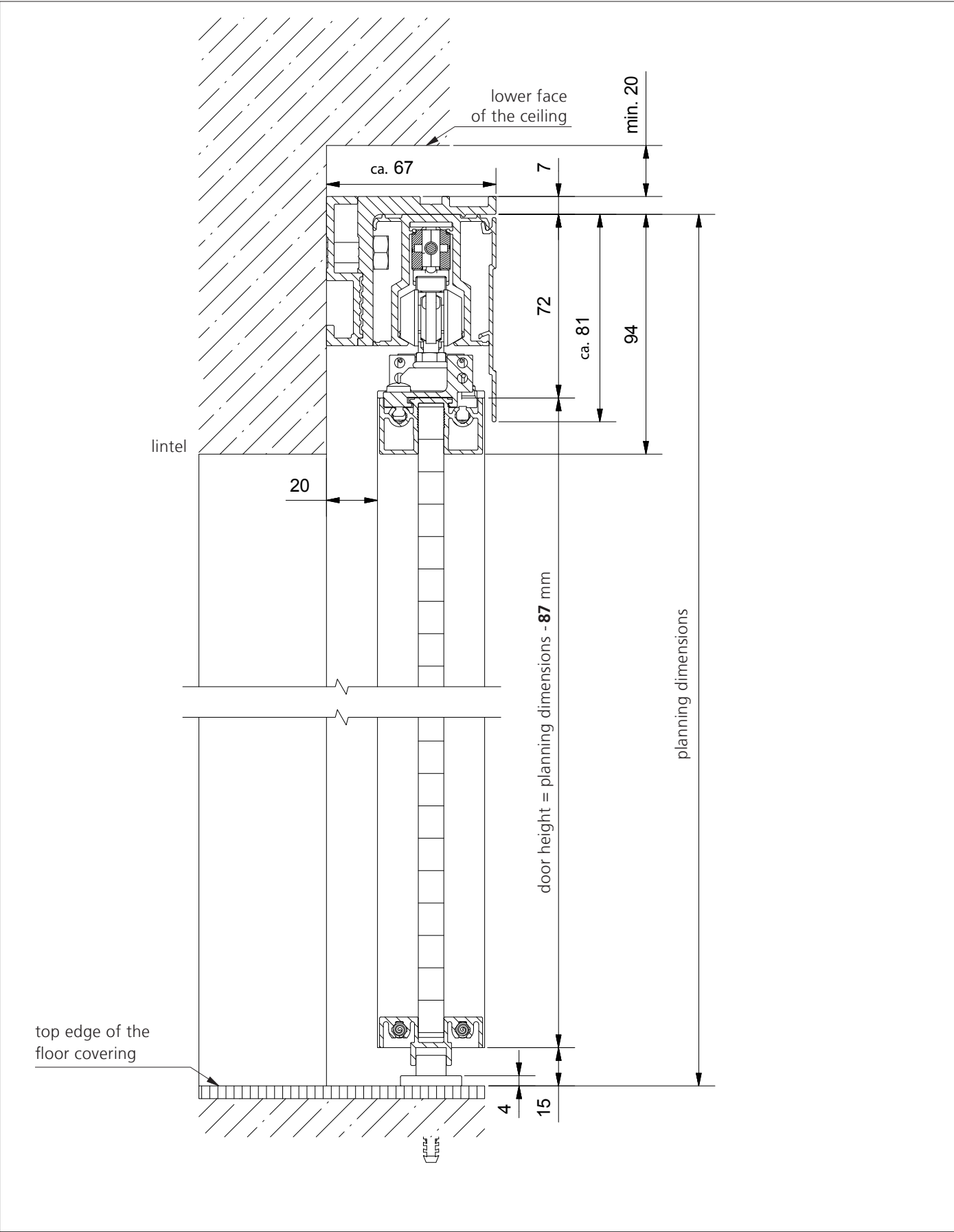
DETAIL DRAWING

VERTICAL SECTION AIR-B SYNCHRO **S1200** WITH **SLIDING DOOR BRAKE** AND **WALL CONNECTION** PROFILE



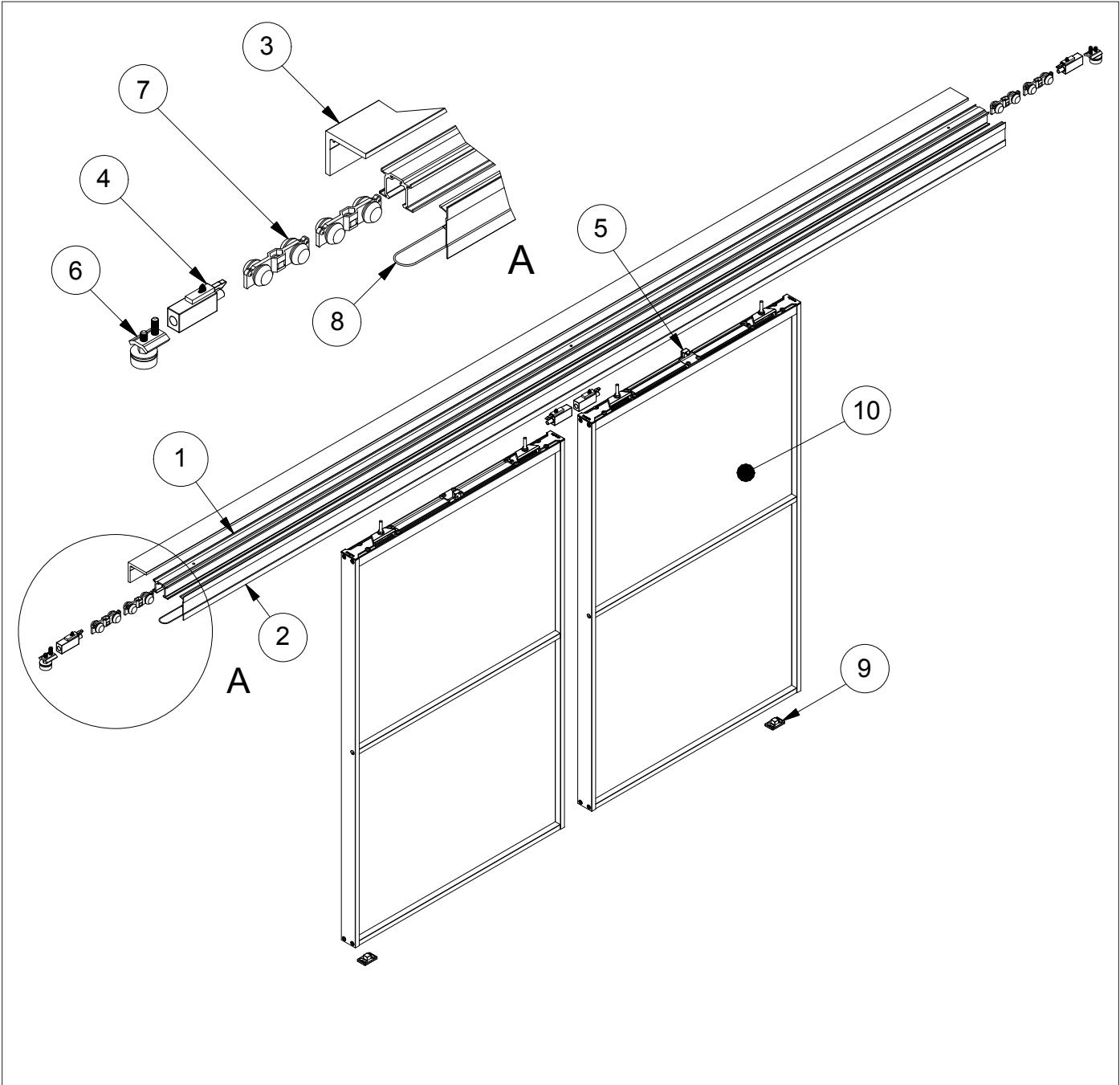
DETAIL DRAWING

VERTICAL SECTION AIR-B SYNCHRO **S1200** WITH **SLIDING DOOR BRAKE**, WALL CONNECTION
DISTANCE PROFILE AND **WALL CONNECTION PROFILE**



AIR-B SYNCHRO S 1200

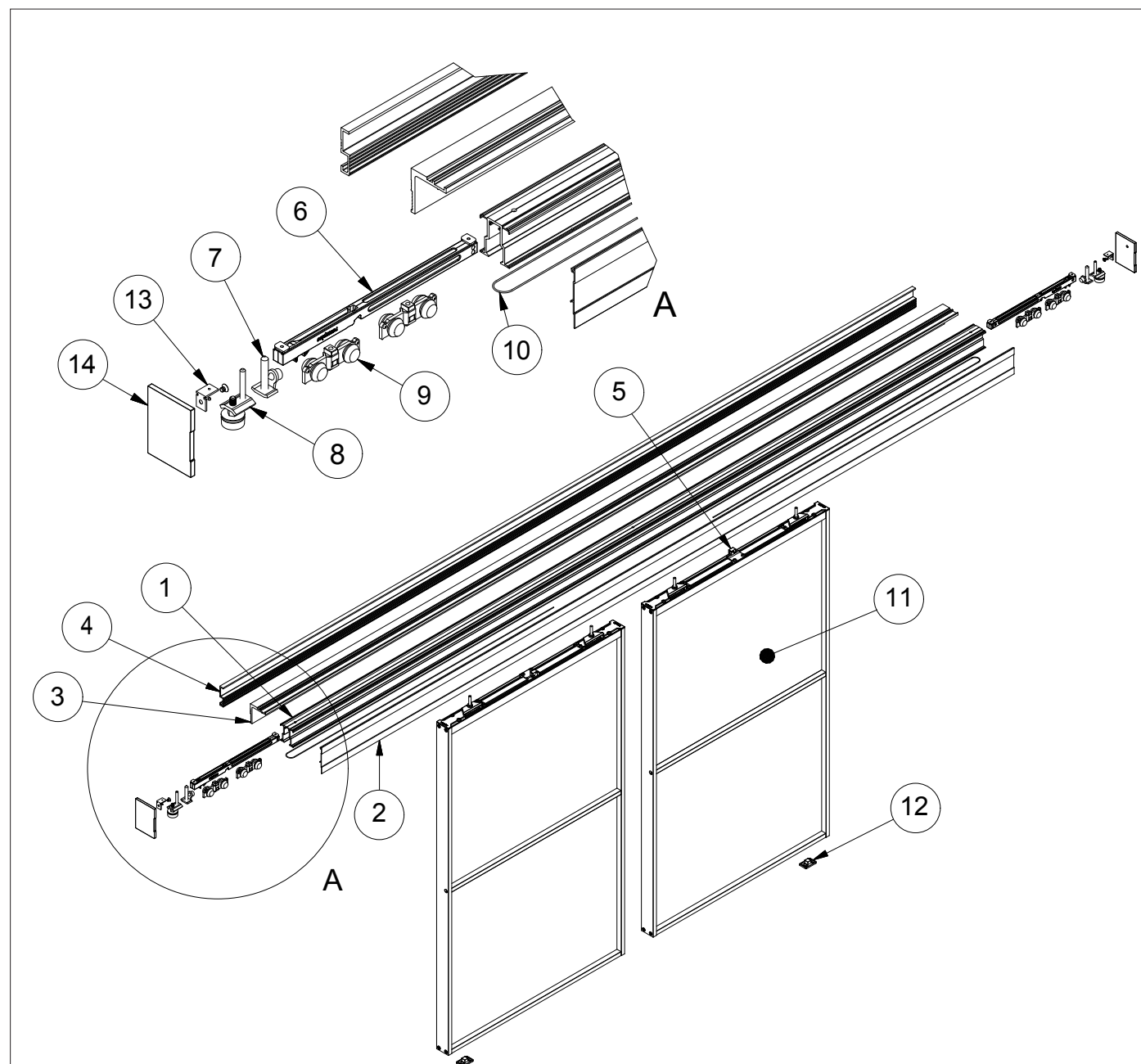
EXPLODED DRAWING



Item list			
Object	Quantity	Item	Item no.
1	1	Top track insert AIR S 42	14.55.0xx
2	1	Cover profile, 60 mm AIR	14.50.0xx
3	1	Wall conn. profile for air S 42	14.54.020
4	4	Stopper for top roller AIR	10.05.017
5	2	Door connector S 1200 for synchro fitting air, complete	10.06.065A
6	1	Synchro fitting S 1200 AIR	10.06.065
7	4	Top roller AIR	10.06.200
8	1	Wire for synchro	10.06.060A
9	2	Bottom guiding 12 mm	10.05.047
10	2	AIR-B S 1200	/

AIR-B SYNCHRO S 1200 WITH SDB

EXPLODED DRAWING

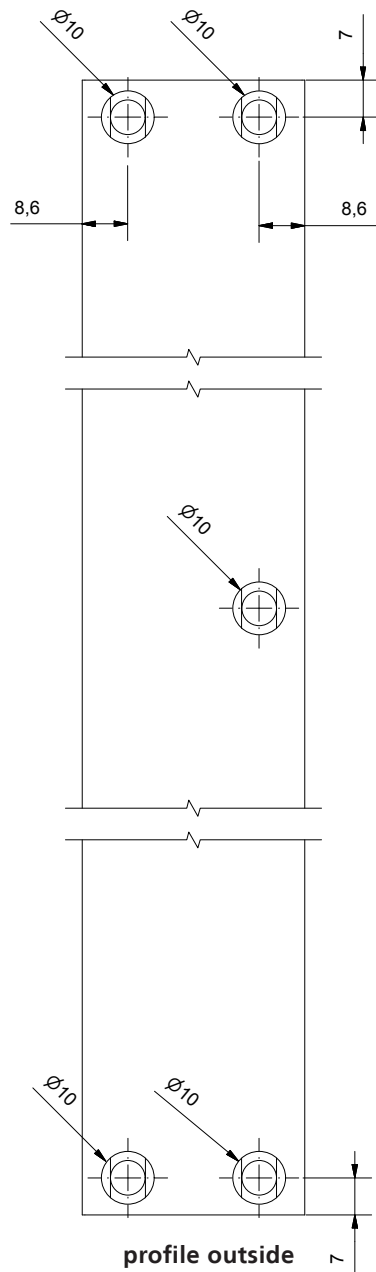


Item list

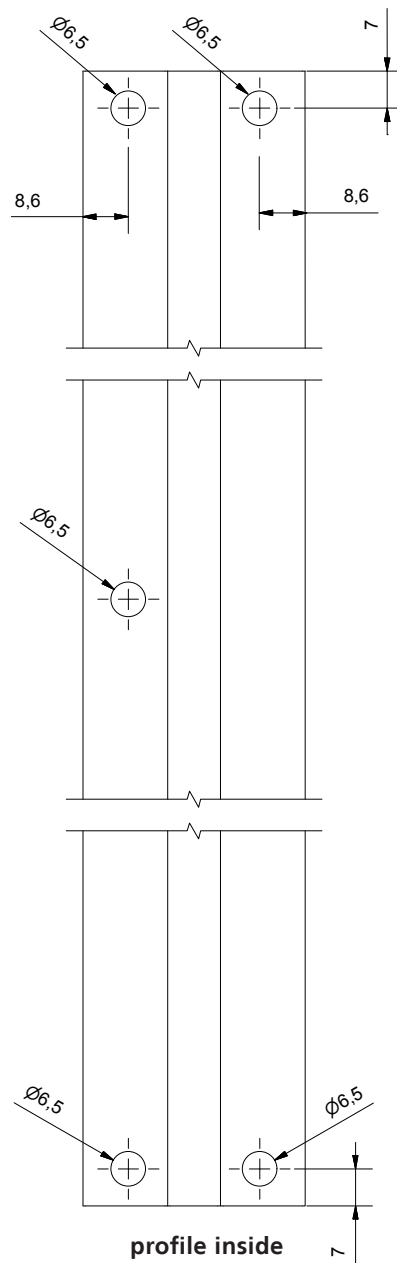
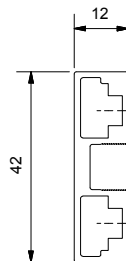
Object	Quantity	Item	Item no.
1	1	Top track ins. for AIR S 42 SDB	14.51.0xx
2	1	Cover profile, 80 mm	14.52.0xx
3	1	Wall conn. profile S 42 AIR SDB	14.57.020
4	1	Wall conn.dist. prof. AIR SDB	14.58.020
5	2	Door connector S 1200 for synchro fitting AIR complete	10.06.065A
6	2	Sliding door brake AIR	10.06.365
7	2	Stopper f. top roller with SDB AIR	10.06.360
8	1	Synchro fitting S 1200 AIR with SDB	10.06.066
9	4	Top roller SDB	10.06.300
10	1	Wire for synchro	10.06.060A
11	2	AIR-B S 1200	/
12	2	Bottom guiding 12 9696mm	10.05.047

CUTTING MEASURES PROFILES W/O SDB

SITLES AND DRILL PATTERN



stile S 1200
item no.: 12.01.0xx



CUTTING MEASURES PROFILES

S 1200 AIR:

Door height	= room height - 67 mm
Cross rail length	= door width - 24 mm
min. / max. door width	= 500 mm / 1200 mm
min./ max. door height	= 700 mm / 2750 mm
max. door weight	= 60 kg
Overlap	= 12 mm

CUTTING MEASURES PANEL

S 1200 AIR (w/o dividing rail):

Panel height	= door height - 7 mm wood
	= door height - 8 mm (with gasket)
Panel width	= door width - 11 mm

CUTTING DIMENSIONS PANEL / MIRROR

HEIGHT MEASUREMENT

