



... with the decisive advantages:

- Locking with standard turn and tilt hardware components
- No special profiling required on the Fold & Slide door elements
- Stable running rail with low threshold height
- Wide range of adjustment possibilities
- Smooth sliding action provided by ball bearing raced bogie wheels

Size Range

Sash width	(mm)	700 to 900
Sash height	(mm)	840 to 2360
Overall frame width	(mm)	determined by sash width and selected scheme
Sash weight	(kg)	max. 80
Standard gear backset	(mm)	16
variable handle height	(mm)	420 to 1180
Overrebate size range	(mm)	13 to 24 ¹⁾

1) Components for over rebate sizes 19 - 24 mm see Product Catalogue under FS Accessories.

Under no circumstances should the above size ranges be exceeded.

For the SIEGENIA-AUBI-Fitting FS-PORTAL the information given in DIN 68 121 (timber profiles for windows and doors) is valid.

N.B.

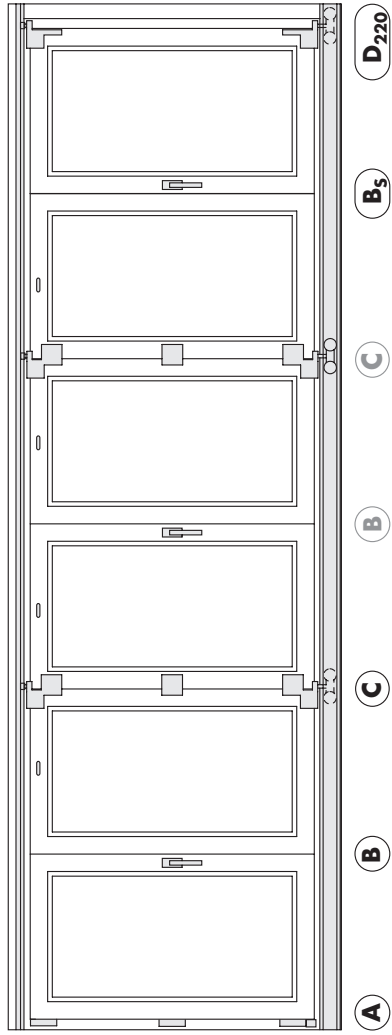
The diagrams 220, 440 and 660 can only be **made as bottom running!**

Supplement to the Installation Instructions:

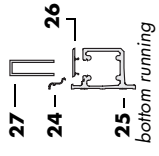
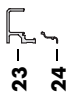
FSgb1003 Timber Doors with 12 mm Airgap

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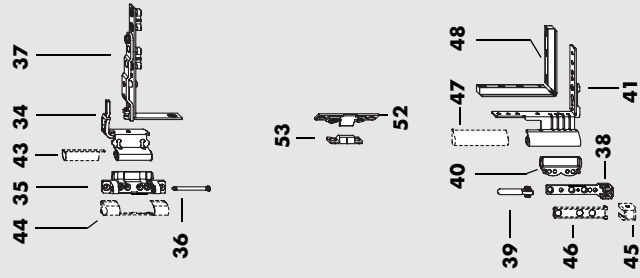
In the FS profile set



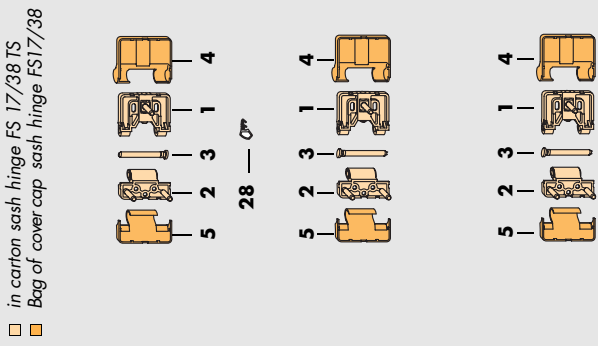
Note:

- The diagrams 220, 440 and 660 can only be made **as bottom running!**
- **Unbedingt Ausführungshinweise dieser Anschlaganleitung FSde1006 beachten!**
- **bei KF-Elementen unbedingt Flügelermittlung und Systemaufbau nach profilbezogener SIEGENIA-AUBI Zeichnung beachten!**

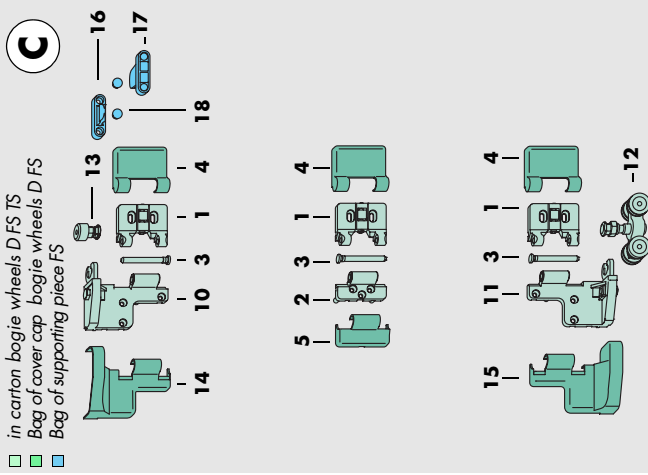
A



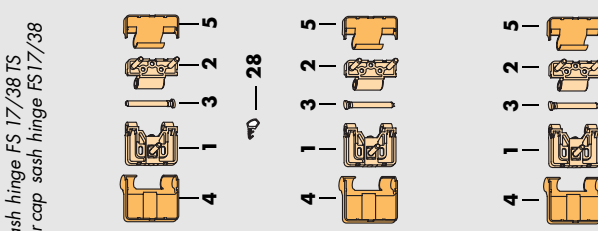
B



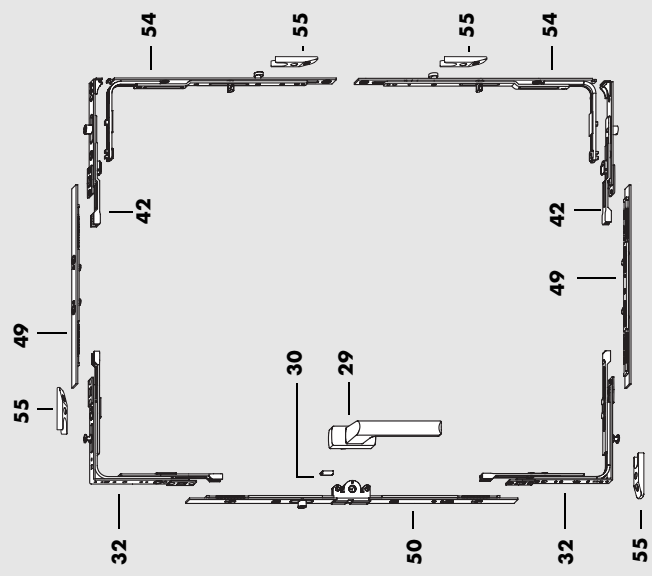
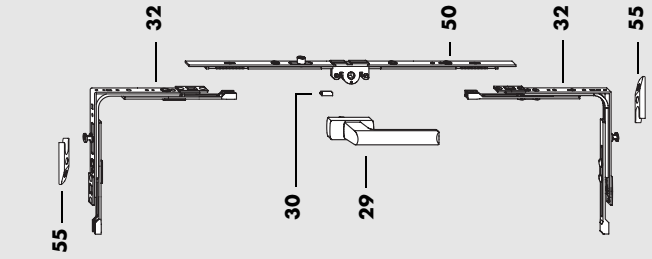
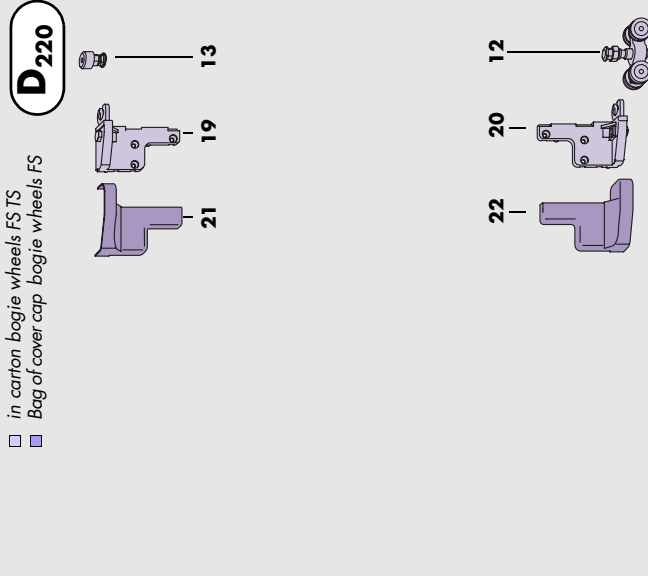
C



B5



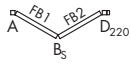
D220



Pos.	Material shorttext	Material number	Material number		Part per scheme
			silver	midbrunze	
FS PORTAL-Bauteile					
1-3	Carton sash hinge FS 17/38 TS Cross section B or BS	PMAG0030100010			220 440 660
4, 5	Bag of cover cap sash hinge 17/38	PMAG0010025010	PMAG0010002010	PMAG0010011010	1 2 3
1-3, 10-13	Carton bogie wheels D FS TS Cross section C	PMAG0030100010			3
4, 5, 14, 15	Bag of cover cap bogie wheels D FS	PMAG0040025010	PMAG0040002010	PMAG0040011010	2
16-18	Bag of supporting piece FS	PMZG0020021010	PMZG0020002010	PMZG0020031010	2
12, 13, 19-20	Carton bogie wheels FS TS Cross section D220	PMAG0020100010			2
21-22	Bag of cover cap bogie wheels FS	PMAG0030025010	PMAG0030002010	PMAG0030031010	1
23-27	Profile set FS Size 250 350 450 700 RAB (mm) bis 2500 2501 bis 3500 3501 bis 4500 4501 bis 6500	PMAG0050525010 PMAG0060525010 PMAG0070525010 PMAG0080525010	PMAG0050502010 PMAG0060502010 PMAG0070502010 PMAG0080502010	PMAG0050511010 PMAG0060511010 PMAG0070511010 PMAG0080511010	1 1 1 1
28	Seal HH013402 (17,5 m)	FPBP0030099010			1 1 1
Grundbedarf					
29	Handle Siline FAVORIT	See price list			1 2 3
30	Limitation piece	800768			1 2 3
32	VS SES corner drive 1)	703014			2 4 6
34	H-12/18-9 DH stay hinge	704257			1 1 1
35	H-12/18-9 DH top hinge	704202			1 1 1
36	Ø 6 top hinge pin	704196			1 1 1
37	H-7/DF ON stay 7 DF stay for sashes without hardware groove or sashes with hardware groove	704042 707340			1 1 1
38	H-12 bottom hinge	FBEL0010100010			1 1 1
39	Ø 7 bottom hinge pin	700600			1 1 1
40	H-12/18 filling piece	700617			1 1 1
41	H-12/18-9 reb. corner hinge right hand left hand	706664 706688			1 1 1
42	180° locking bolt 1)	703229			1..2 1..2 1..2
43	WH cover cap	853382	833254	833261	0..1 0..1 0..1
44	S cover cap	844359	834145	834855	0..1 0..1 0..1
45	EL U cover cap	844342	833230	833247	0..1 0..1 0..1
46	EL O cover cap	844335	833216	833223	0..1 0..1 0..1
47	FEB cover cap right hand left hand	887042 887233	887158 887349	887165 887356	0..1 0..1 0..1
48	H-12/18 filling piece for sashes with hardware groove	862780			0..1 0..1 0..1
49	Linkage 1)	703816			1..2 1..2 1..2
no illus.	Tension button	702543			0..4 0..6 0..6
Bedarf nach FFH					
50	Gear 3 Size Gr. 1 840 bis 1060 Gr. 2 MV 1061 bis 1460 Gr. 3 MV 1461 bis 1920 Gr. 4/TL 1880 bis 2360 Dim. G (mm) 420 bis 530 530 bis 730 730 bis 960 940 bis 1180	706992 707012 707029 707036			1 2 3
52	Concealed centre lock: MV sash part for sashes without hardware groove	874837			0..2 0..2 0..2
53	MV frame part	See profile data sheet			0..2 0..2 0..2
54	VSU/BS corner drive 1) (with sprung locking cam) Size Gr. 50 840 bis 1060 Gr. 70 1061 bis 1460 Gr. 90 1461 bis 1920 Gr. 70-2) 1880 bis 2360	702550 702567 702574 702567			1 1 1 2) 1 1 1 2) 2) 2)
Bedarf nach Profilsystem					
55	Striker plate 56 A....	See price list			3..4 5..6 7..8

1) Components only with diagram 220, 440 and 660
2) 2 off Size 70 due to sprung locking cam being required

Diagram 220

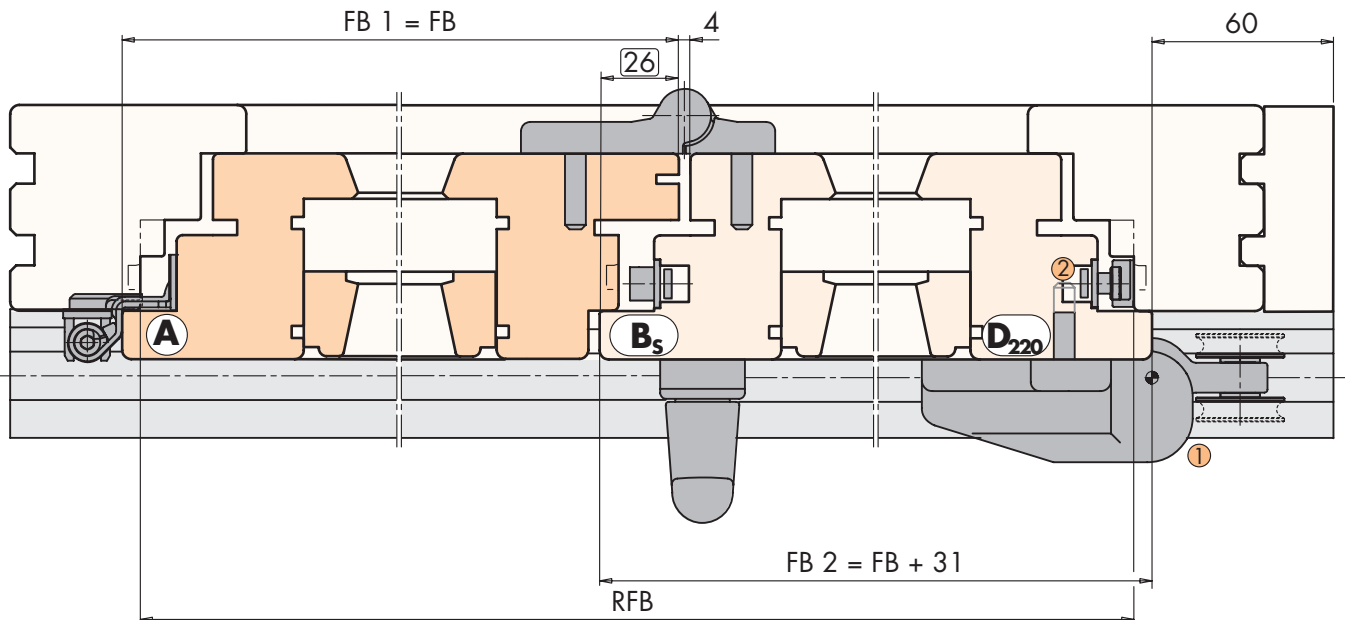


2 Folding sashes
0 Access sashes

B_S = Pivot point B opposite hand
D₂₂₀ = Pivot point D specially for
Diagram 220, 440 and 660

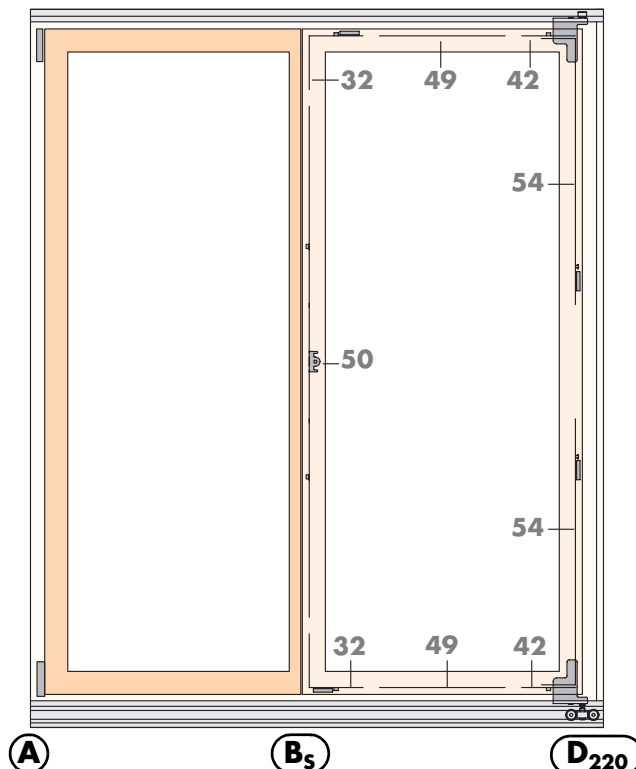
Formula for calculating the sash widths

$$FB = \frac{(RFB + 7)}{2}$$



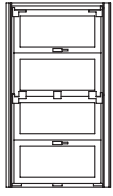
N.B.:

- Horizontal rebate clearance must be ≥ 12 mm, so always make the sash with a minus tolerance on its width.
- Sash width min. 700 mm and max. 900 mm!
- Formula for calculating the sash width only valid:
 - for System 12/18-9
 - when adhering to dimension 26 of the sash covering
 - in conjunction with hinge side of FAVORIT-DF



- ① Screw on bottom hinge offset 12 mm towards the inside. To drill the fixing holes for the bottom hinge, duplicate the hole pattern of jig EB644-1 onto a plate. Then clamp this, offset towards the inside by 12 mm, and drill the holes.
- ② Shorten the bottom hinge pin. Length max. = Over-rebate thickness

Diagram 440

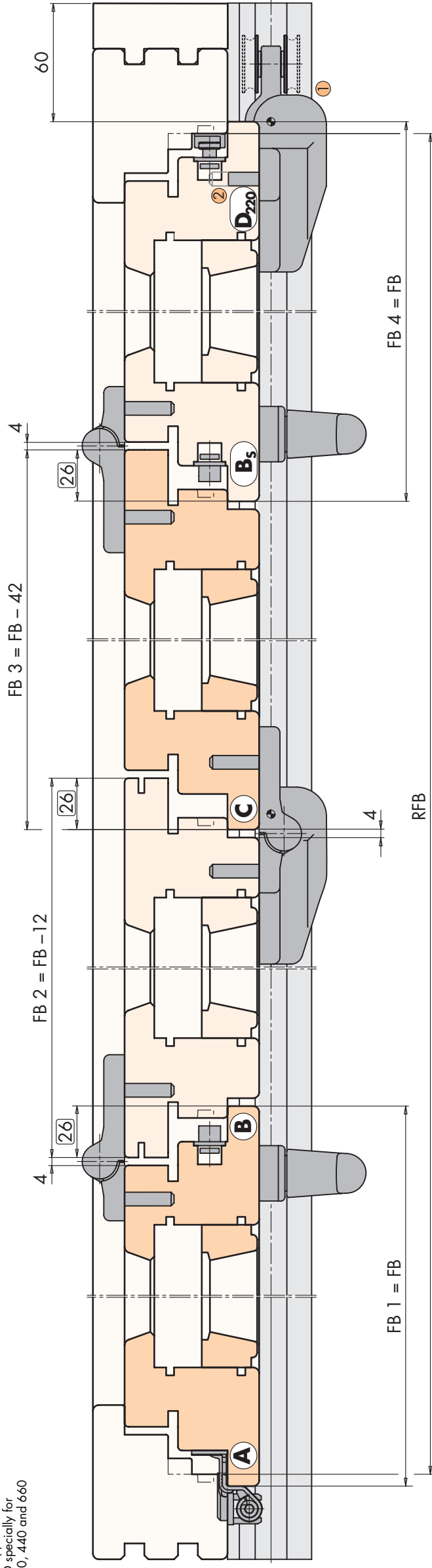


4 Folding sashes
0 Access sashes

B_s = Pivot point B opposite hand
D₂₂₀ = Pivot point D specially for
Diagram 220, 440 and 660

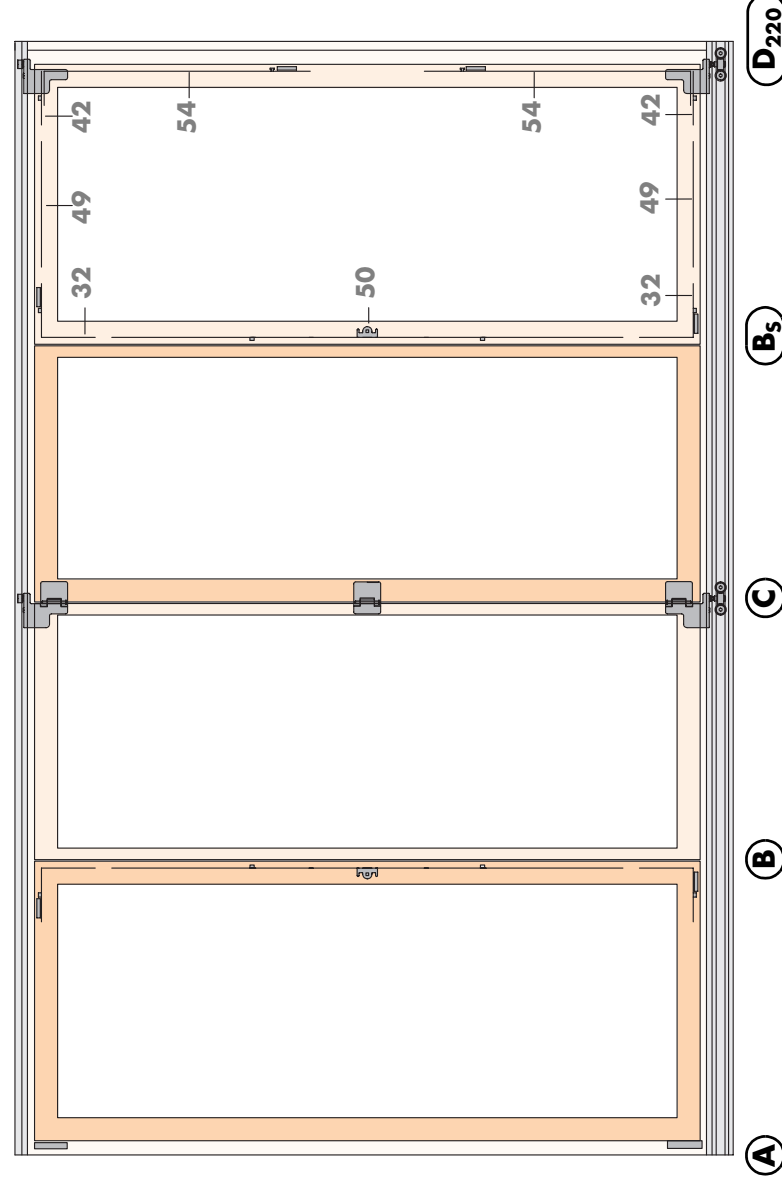
Formula for calculating the sash widths

$$FB = \frac{(RFB + 144)}{4}$$



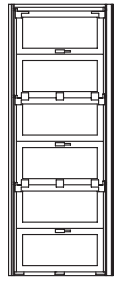
N.B.:

- Horizontal rebate clearance must be ≥ 12 mm, so always make the sash with a minus tolerance on its width.
- Sash width min. 700 mm and max. 900 mm!
- Formula for calculating the sash width only valid:
 - for System 12/18-9
 - when adhering to dimension $\overline{26}$ of the sash covering
- in conjunction with hinge side of FAVORIT-DF



- 1 Screw on bottom hinge offset 12 mm towards the inside. To drill the fixing holes for the bottom hinge, duplicate the hole pattern of jig EB644-1 onto a plate. Then clamp this, offset towards the inside by 12 mm, and drill the holes.
- 2 Shorten the bottom hinge pin. Length max. = Over-rebate thickness

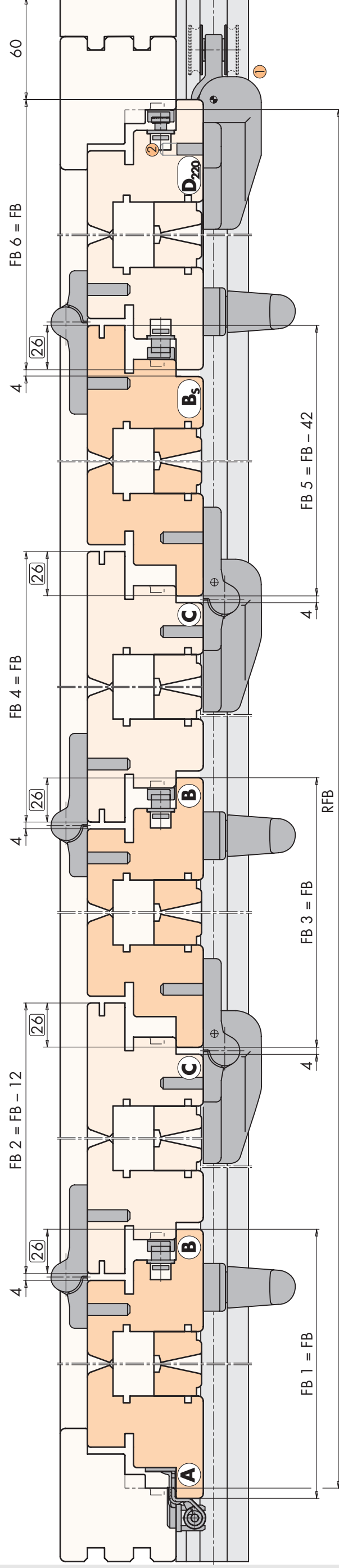
Diagram 660



- 6 Folding sashes
- 0 Access sashes
- Bs = Pivot point B opposite hand
- D220 = Pivot point D specially for Diagram 220, 440 and 660

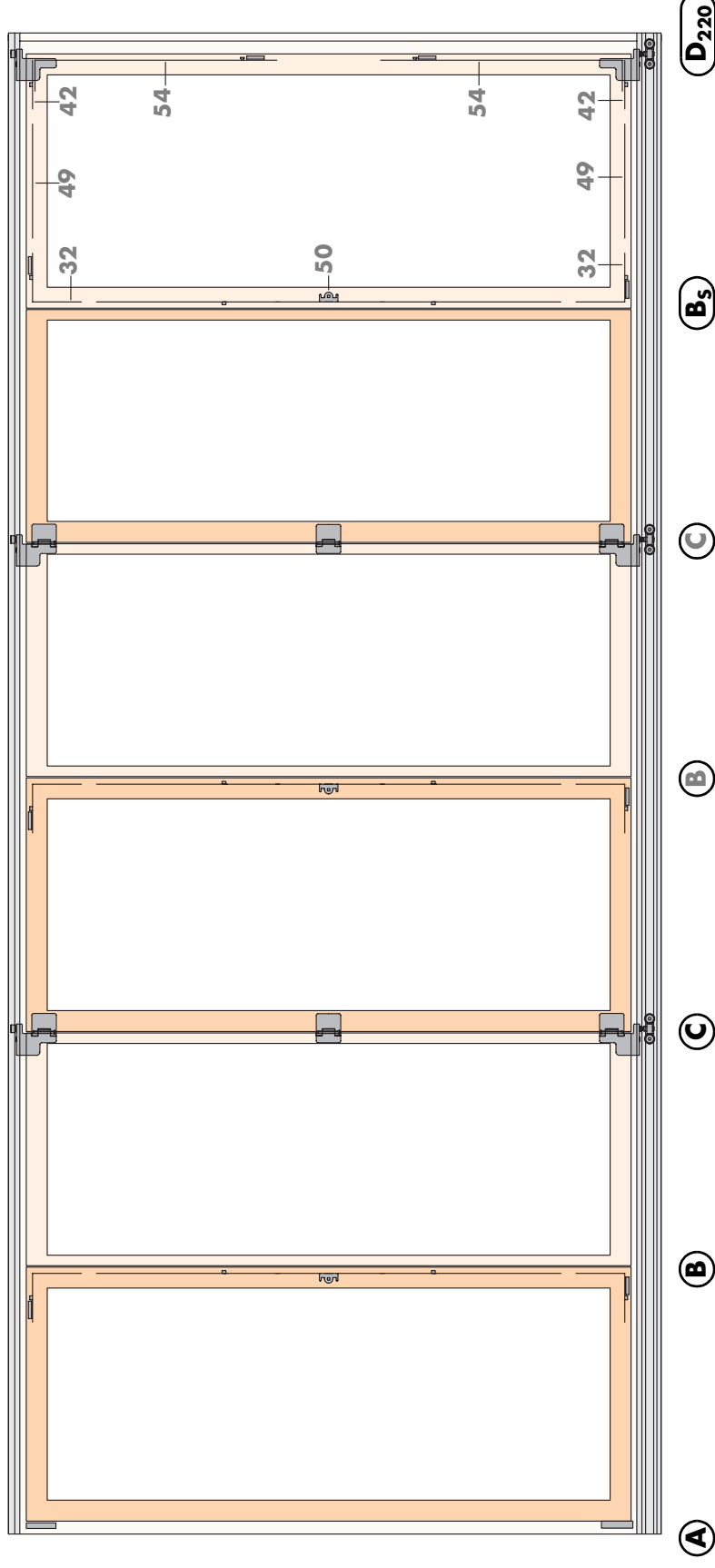
Formula for calculating the sash widths

$$FB = \frac{(RFB + 196)}{6}$$



N.B.:

- Horizontal rebate clearance must be ≥ 12 mm, so always make the sash with a minus tolerance on its width.
- Sash width min. 700 mm and max. 900 mm!
- Formula for calculating the sash width only valid:
 - for System 12/18-9
 - when adhering to dimension $\overline{26}$ of the sash covering
 - in conjunction with hinge side of FAVORIT-DF



- ① Screw on bottom hinge offset 12 mm towards the inside. To drill the fixing holes for the bottom hinge, duplicate the hole pattern of jig EB644-1 onto a plate. Then clamp this, offset towards the inside by 12 mm, and drill the holes.
- ② Shorten the bottom hinge pin. Length max. = Over-rebate thickness