

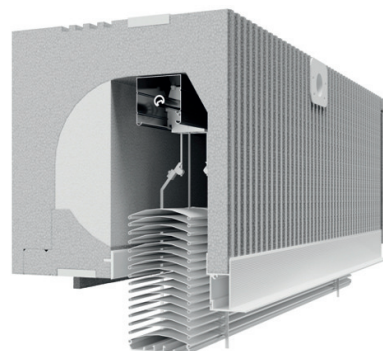
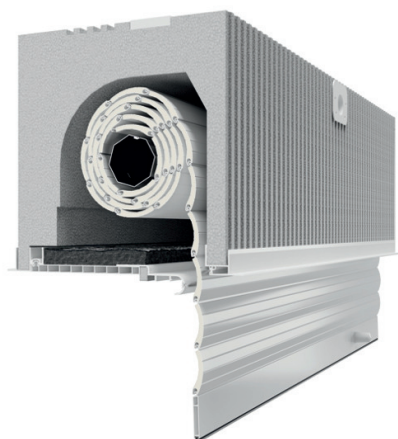
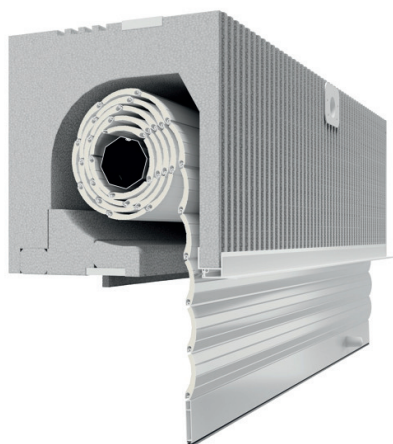


# LASTRIK

FABRYKA OKIEN I DRZWI  
Z PCV I ALUMINIUM



## ROLLER SHUTTERS



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TOP-MOUNTED SHUTTERS - PVC BOXES .....	003
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# TOP-MOUNTED SHUTTERS IN PVC BOXES

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**CLASSIC**  
CC1000



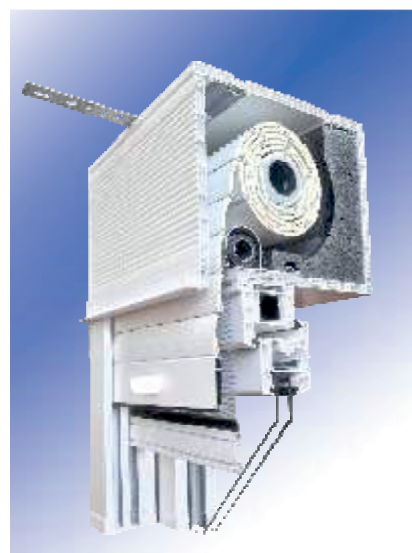
**TERMOLUX**  
TL1000

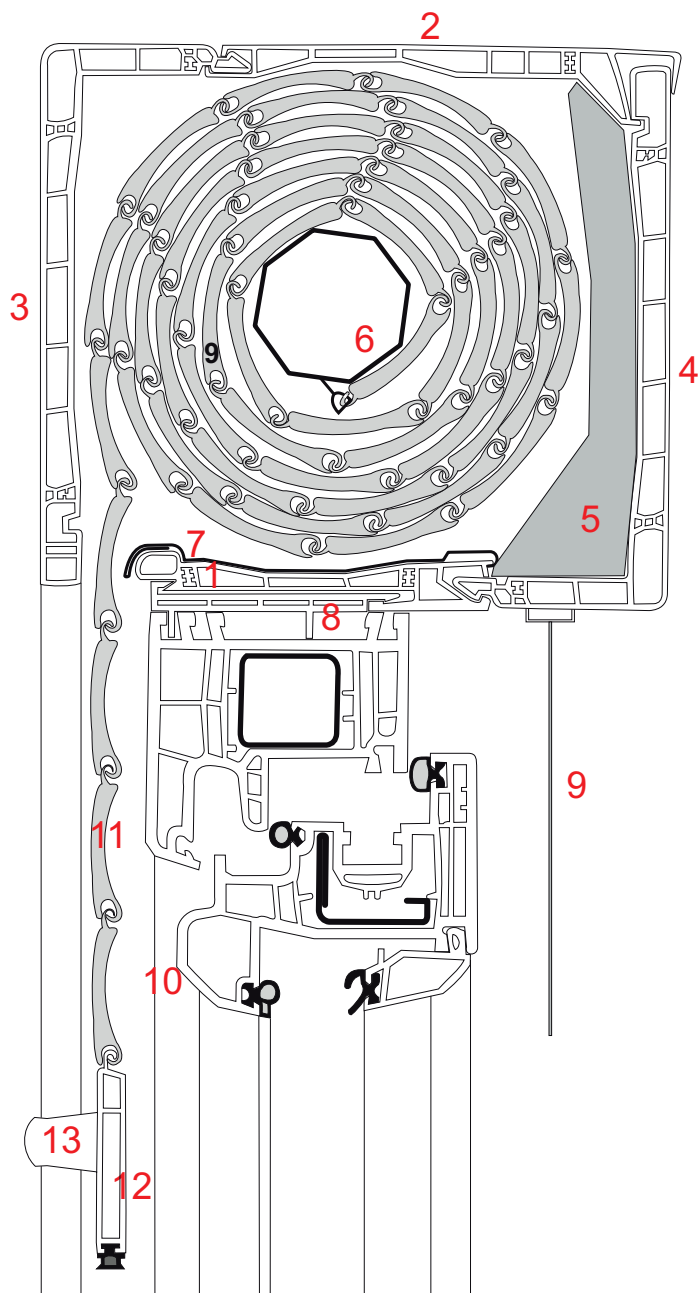


**TERMO-PRESTIGE**  
TP1000



**TERMO-PRESTIGE**  
WITH MOSQUITO NET TP1000





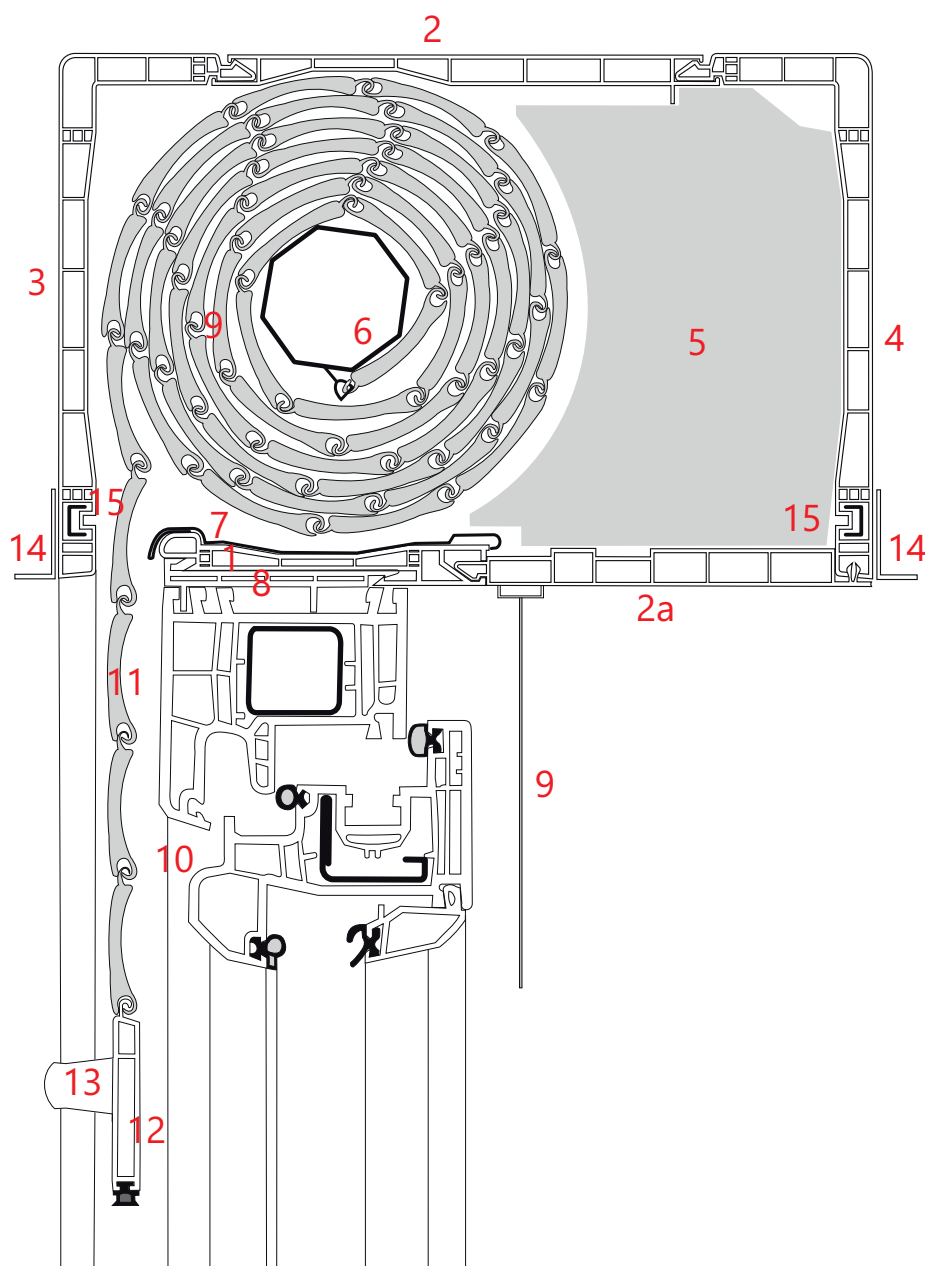
1. Frame connecting profile
2. Case connecting profile
3. External hatch
4. Internal (inspection) hatch
5. Thermoinsulating insert
6. Roller tube
7. Steel reinforcement of the case
8. Profile adapter
9. Tape
10. Shutter guide with brush seal
11. Shutter profile filled with polyurethane foam
12. Bottom lath with rubber end cap
13. Bottom lath buffer

Maximum thickness  
of window frame = 95 mm



## PVC CASE'S SIZES

case type	case height	case depth
PSK-135	135 mm	162 mm
PSK-160	160 mm	186 mm
PSK-200	200 mm	225 mm



1. Frame connecting profile
2. Case connecting profile
  - 2a. Inspection hatch
3. External hatch
4. Internal hatch
5. Thermoinsulating insert
6. Roller tube
7. Steel reinforcement of the case
8. Profile adapter
9. Tape
10. Shutter guide with brush seal
11. Shutter profile filled with polyurethane foam
12. Bottom lath with rubber end cap
13. Bottom lath buffer
14. Wall ledge
15. Reinforcement of wall ledge

Maximum thickness  
of window frame = 95 mm

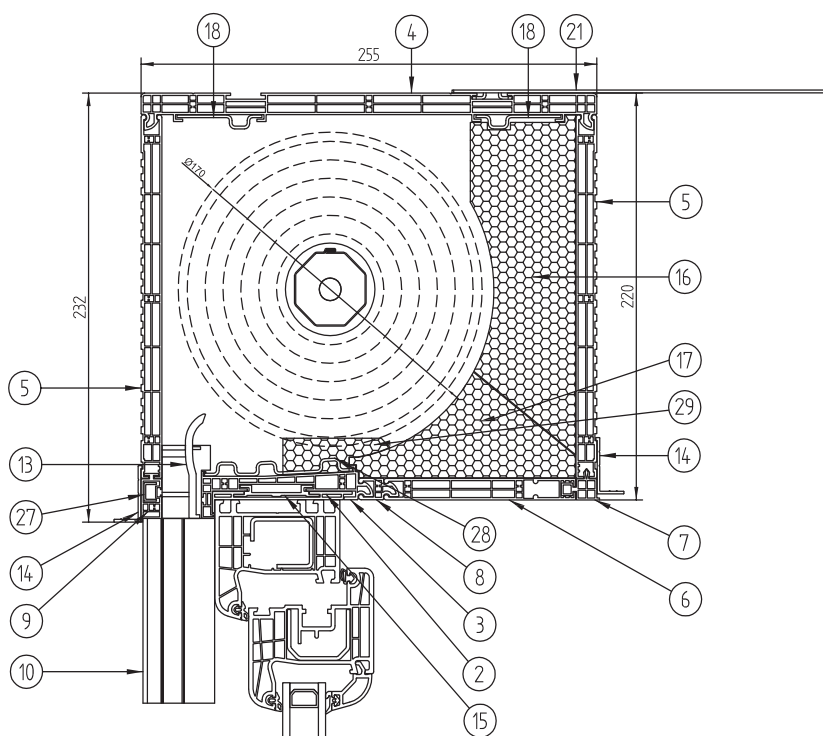


## PVC CASE'S SIZES

case type	case height	case depth
BPR-160	160 mm	253 mm
BPR-200	200 mm	253 mm

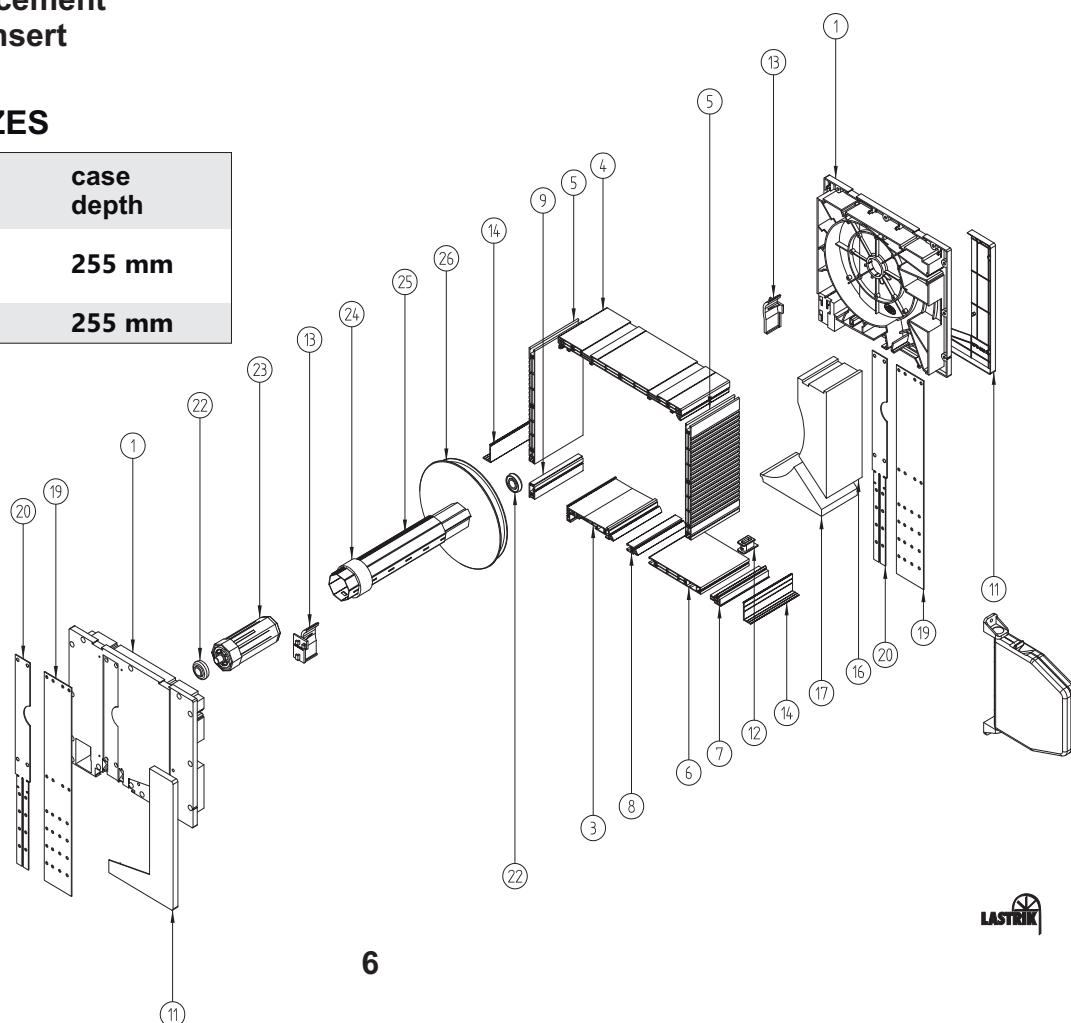
# TOP-MOUNTED SHUTTER - TERMO-PRESTIGE TP1000

1. Case side 220
2. Adapter – universal
3. Case profile bottom
4. Case profile top
5. Case profile 220 side
6. Inspection hatch bottom
7. Case profile – connector
8. Complement case profile bottom
9. Side profile bottom
10. Double shutter-guide
11. Side cover
12. Roller-band grommet
13. Lider of bladers 37-45
14. Concealed lath
15. Aluminium-adapter inset
16. Styrofoam-insert of case 220
17. Styrofoam-insert bottom
18. Case-reinforcement
19. Side steel grip 56mm
20. Side steel grip 30mm
21. Steel anchor
22. Bearing 28/10 for PVC
23. Pipe-mounting collar 40 for PVC
24. Expansion ring
25. Roller tube 40
26. Lider of bladers for case 200/220
27. Small cover-reinforcement
28. Steel case-reinforcement
29. Extra styrofoam-insert



## PVC CASE'S SIZES

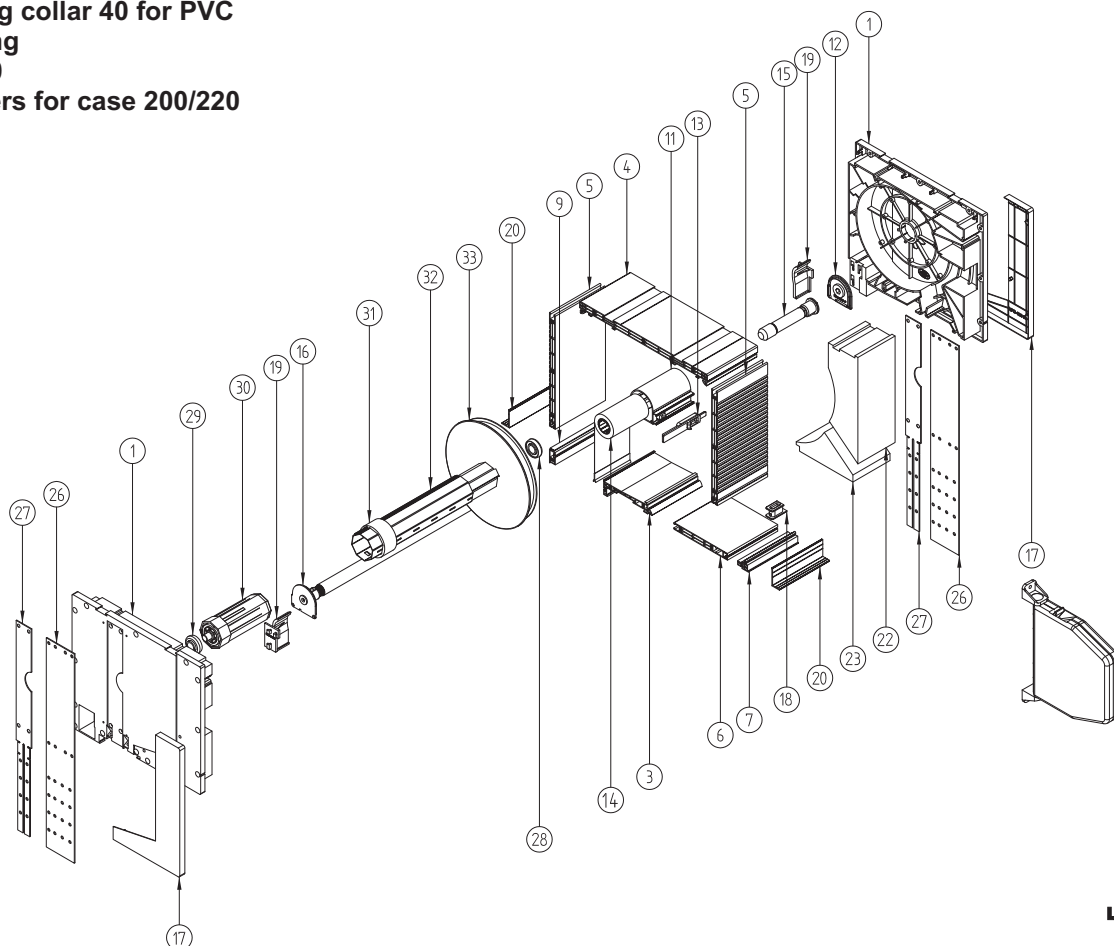
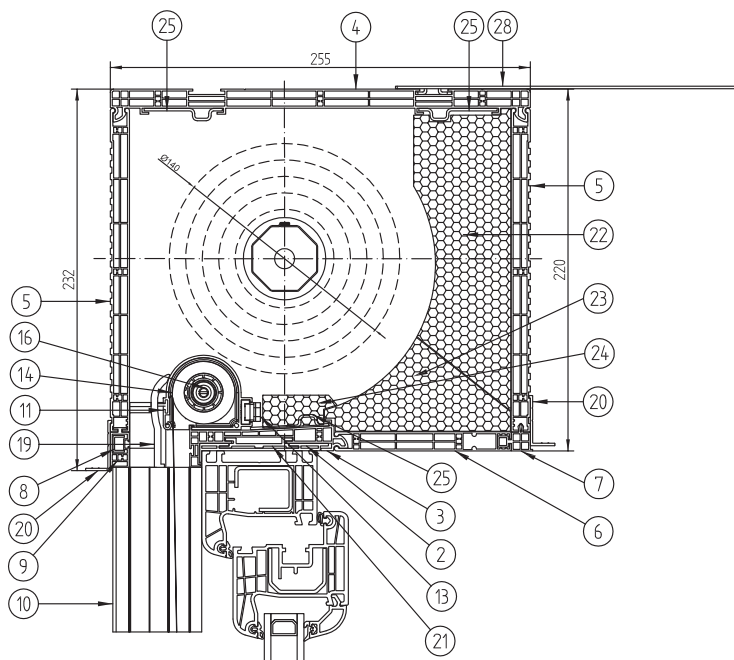
case type	case height	case depth
PSK-220	220 mm	255 mm
PSK-250	250 mm	255 mm



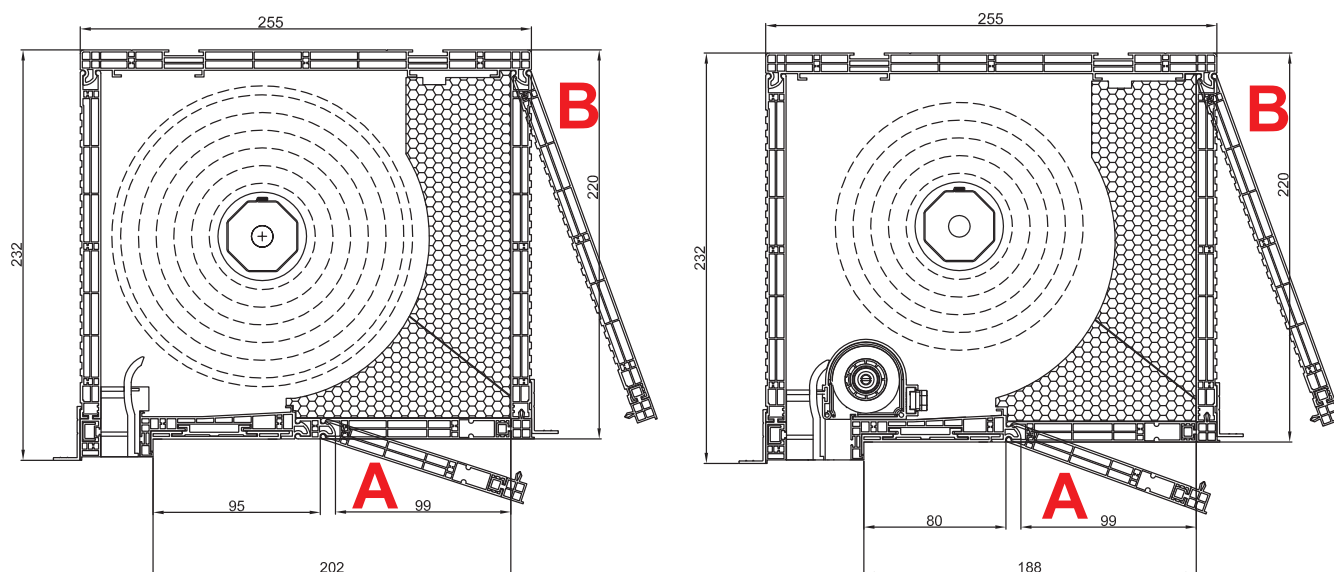


# TOP-MOUNTED SHUTTER - TERMO-PRESTIGE TP 1000 WITH MOSQUITO NET

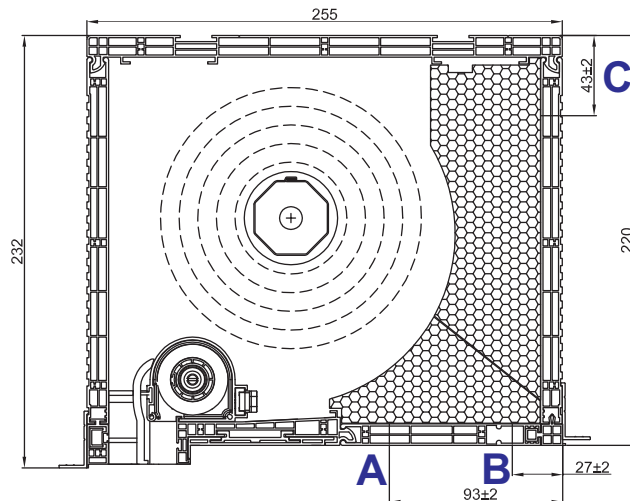
1. Case side 220
2. Adapter – universal
3. Case profile bottom
4. Case profile top
5. Case profile 220 side
6. Inspection hatch bottom
7. Case profile – connector
8. Small cover-reinforcement
9. Side profile bottom
10. Double shutter-guide for mosquito net
11. Mosquito net cassette
12. Cassette side
13. Cassette bolt
14. Mosquito net with pipe 23,5mm
15. Mosquito net brake
16. Cassette side with spring
17. Side cover
18. Roller-band grommet
19. Lider of bladers 37-45
20. Concealed lath
21. Aluminium-adapter inset
22. Styrofoam-insert of case 220
23. Styrofoam-insert of case with mosquito net bottom
24. Extra styrofoam-insert of case with mosquito net
25. Reinforcement of case with mosquito net
26. Side steel grip 56mm
27. Side steel grip 30mm
28. Steel anchor
29. Bearing 28/10 for PVC
30. Pipe-mounting collar 40 for PVC
31. Expansion ring
32. Roller tube 40
33. Lider of bladers for case 200/220



### INSPECTION FLAPS

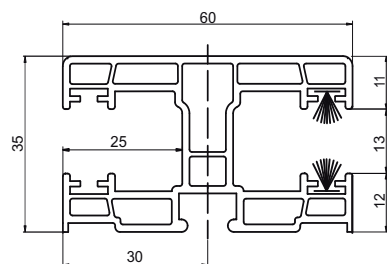


### STRAP OUTLETS

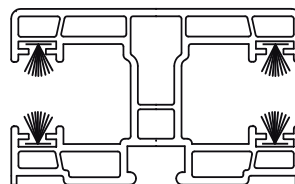


## FOR SHUTTERS - CLASSIC, TERMOLUX

**SINGLE RK18**

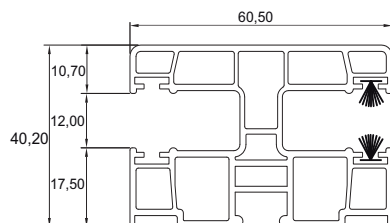


**DOUBLE RK 18**

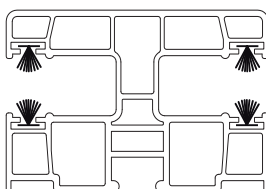


## FOR SHUTTERS - TERMO-PRESTIGE

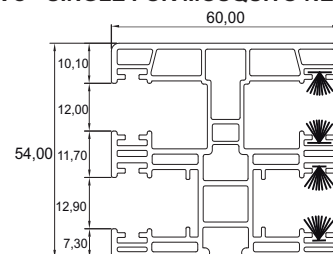
**NPR-020 PVC - SINGLE**



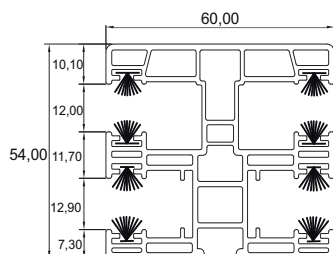
**NPR-020 PVC - DOUBLE**



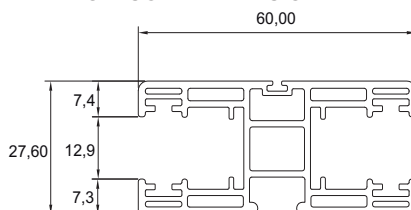
**NPR-010 PVC - SINGLE FOR MOSQUITO NET**



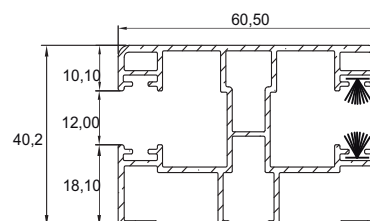
**NPR-010 PVC  
DOUBLE FOR MOSQUITO NET**



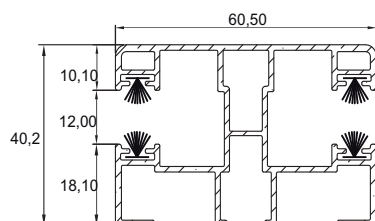
**NPR-030 PVC  
FOR ISG WITH DIVISION**



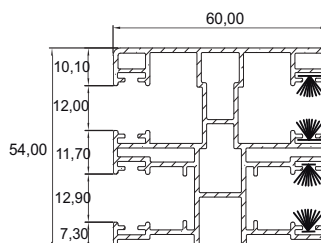
**NPR-040 ALU - SINGLE**



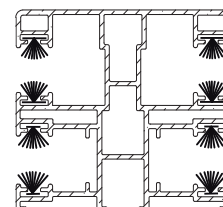
**NPR-040 ALU - DOUBLE**



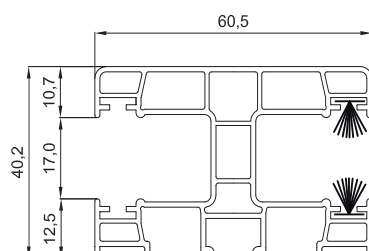
**NPR-050 ALU  
SINGLE FOR MOSQUITO NET**



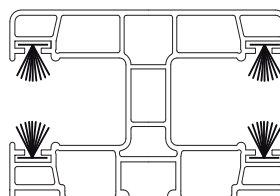
**NPR-050 ALU  
DOUBLE FOR MOSQUITO NET**

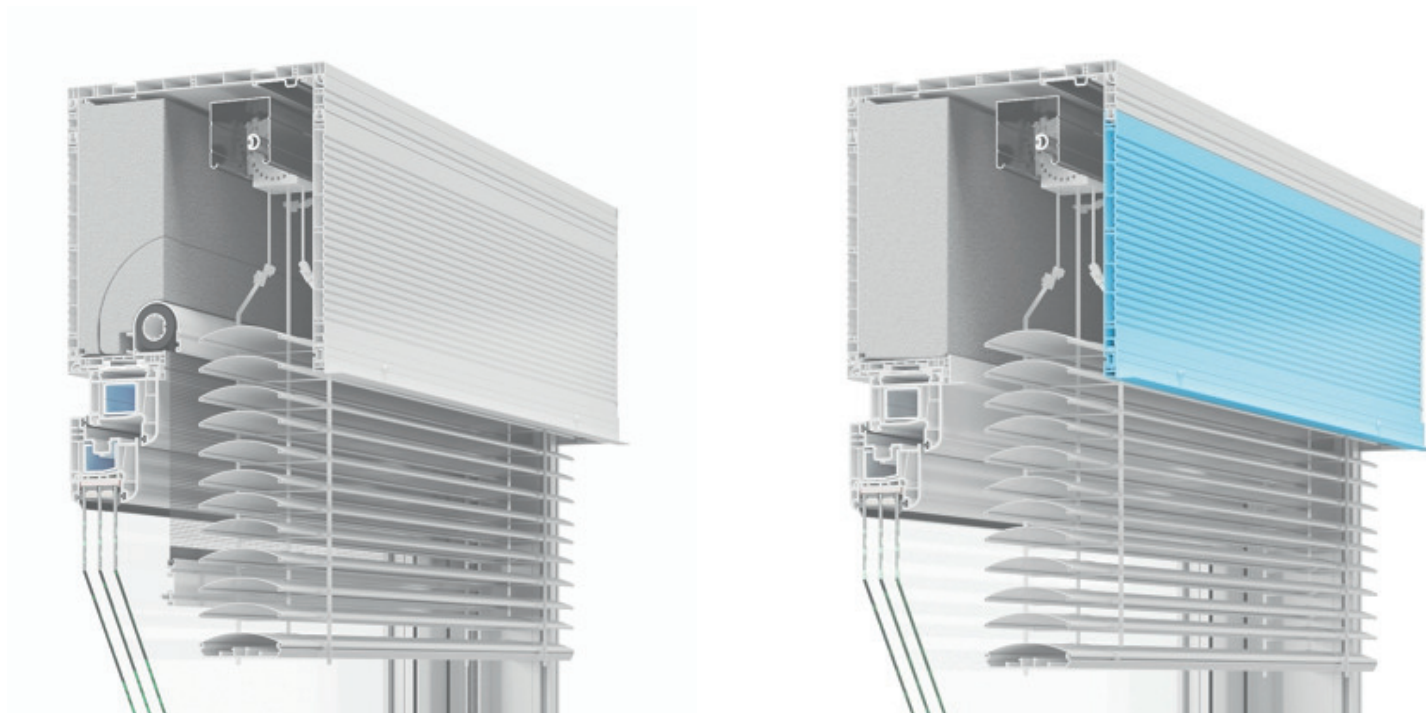


**RK-18M PVC  
SINGLE  
FOR PROFILE PA52 / PVC52**



**RK-18M PVC  
DOUBLE  
FOR PROFILE PA52 / PVC52**

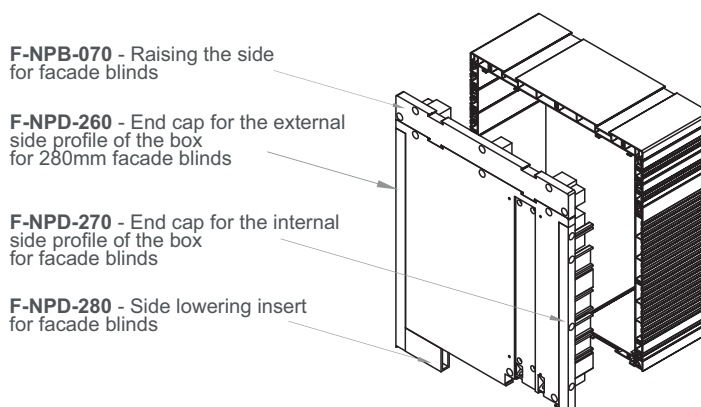




**TP1000K-ZF** - facade shutter in the top box of the TP1000K system. It is a stiff and stable structure with excellent thermal parameters. The standard height of the box is 250 mm and allows the package to be rolled up to 23 cm. By lowering the box by 3 cm and/or increasing it by 3 cm, the blind package can be rolled up to 29 cm.

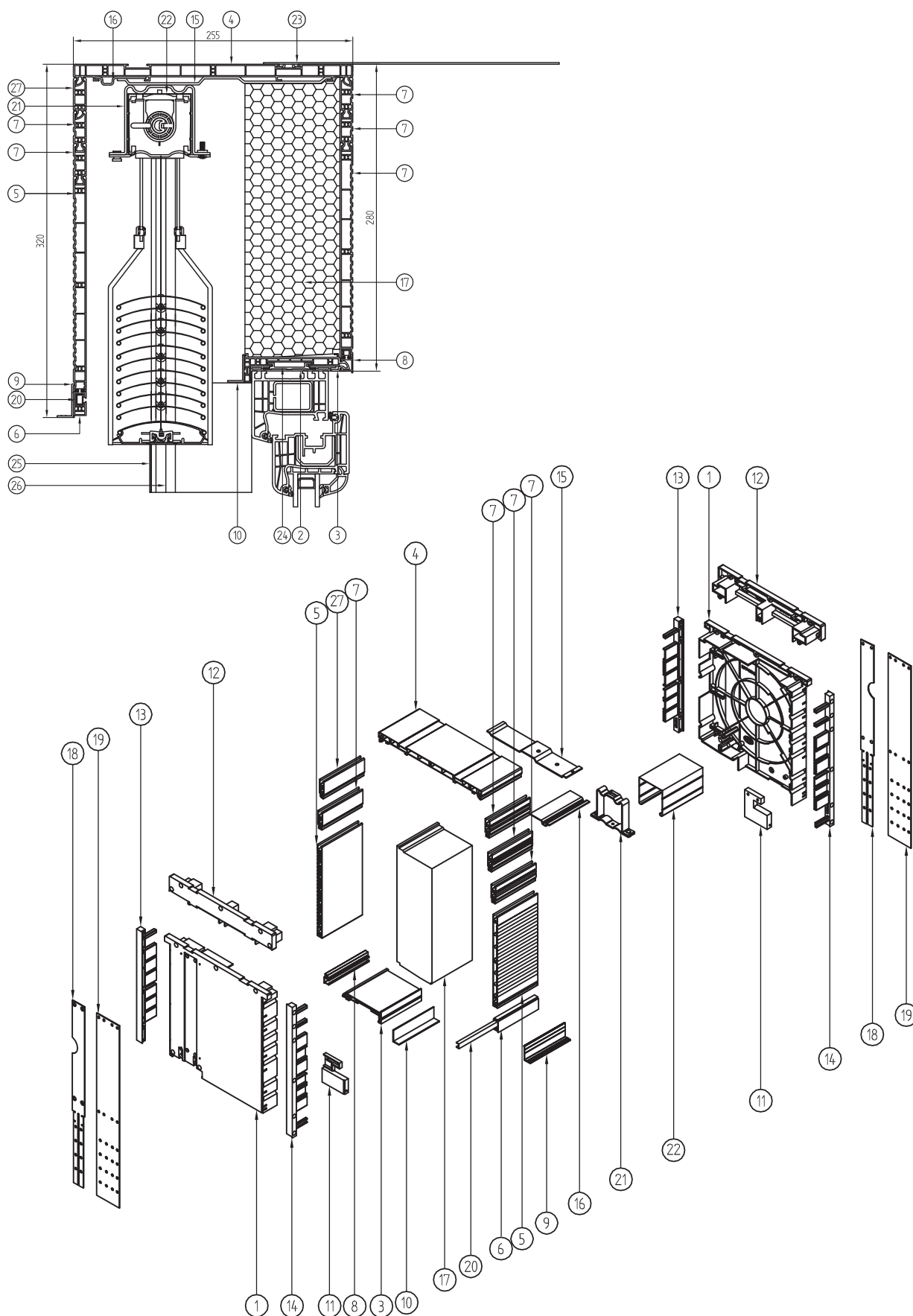
Minimum width (guides F-FBR)	574 mm
Maximum width	4500 mm
Min. width of facade shutter with mosquito net when using a brake	670 mm
Maximum width of the mosquito net	1800 mm
Minimum width of the mosquito net	605 mm
Minimum width (crank mechanism)	520 mm

Side view of the box 250 for facade blinds, including raising, lowering and end caps for the side profiles of the box.





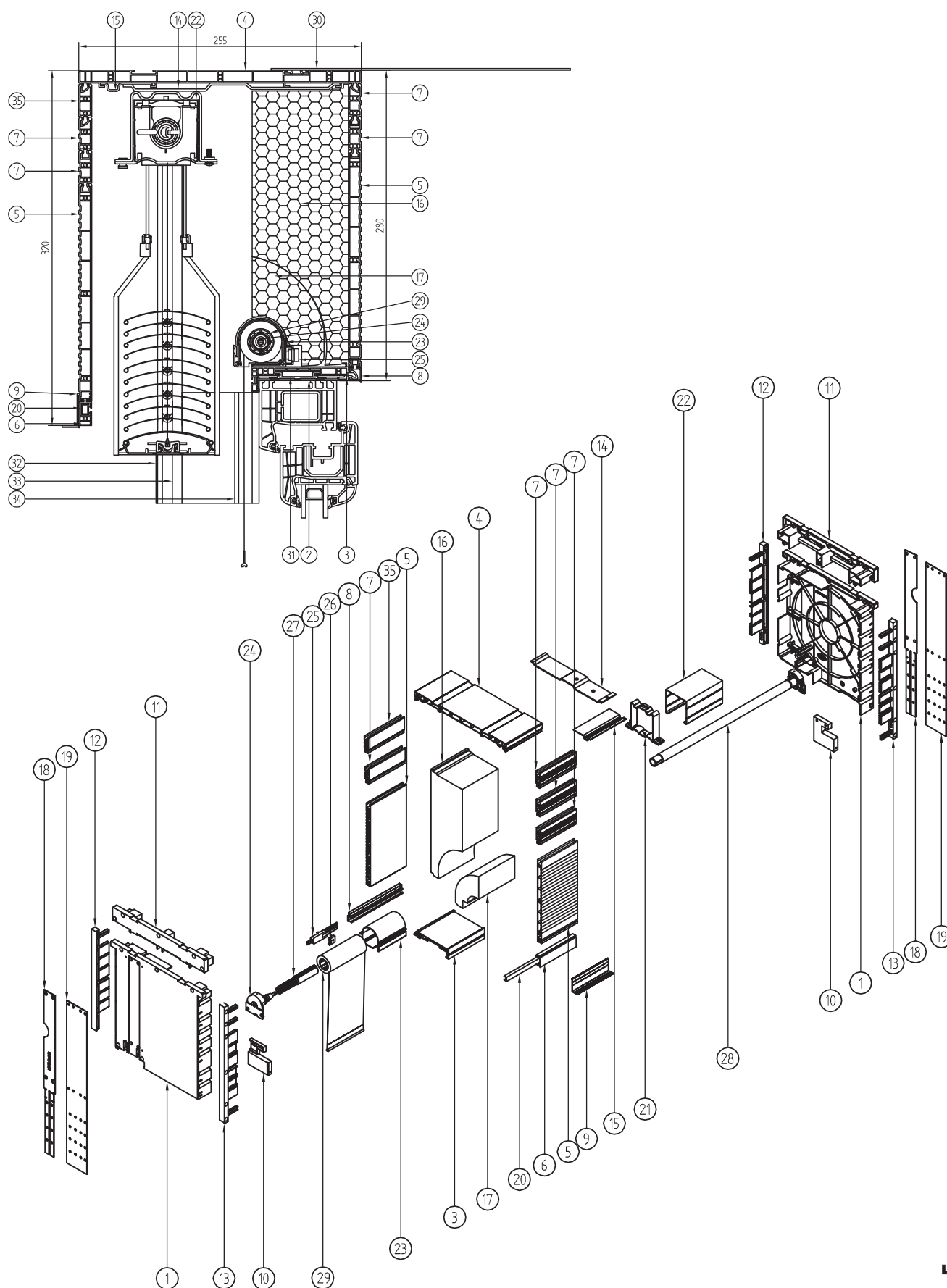
## CROSS-SECTION AND PARTS LIST - TP1000K-ZF



## CROSS-SECTION AND PARTS LIST - TP1000K-ZF

1	F-NPF-030	Side of box 250 for facade shutter
2	NPS-010	Universal adaptive profile
3	NPS-020	Box profile bottom
4	NPS-030	Box profile top
5	NPS-051	Box profile 220 side
6	NPS-100	Lower side profile
7	NPS-130	Profile complementing the vertical cover
8	F-NPS-140	Box profile, box connector for facade shutter
9	NPL-010	Plaster strip
10	LT	Plaster strip
11	F-NPD-280	Insert that lowers the side
12	F-NPB-070	Raising the side of the box for facade shutter
13	F-NPD-270	End cap for the internal side profile of the box for facade shutter
14	F-NPD-260	End cap for the external side profile of the box for facade shutter
15	F-NPT-280	Main handle of facade shutter
16	NPT-020	Upper reinforcement of internal and external box
17	F-NPW-285	Polystyrene insert
18	NPT-130	Steel side handle 30 mm of the box 250
19	NPT-150	Steel side handle 56 mm of the box 250
20	RA-2-00 7 MM	Cover reinforcement small
21	F-USG	Holder of the top rail
22	F-RN	Upper gutter
23	NPT-050	Steel mounting anchor
24	NPL-020	Aluminum insert
25	F-FBR-010	Guide adapter for facade shutter
26	F-PP-20	Single guide for facade shutter
27	NPS-120	Deepening box profile lower

## CROSS-SECTION AND PARTS LIST - TP1000K-ZF WITH MOSQUITO NET



## CROSS-SECTION AND PARTS LIST - TP1000K-ZF WITH MOSQUITO NET

1	F-NPF-030	Side of box 250 for facade shutter
2	NPS-010	Universal adaptive profile
3	NPS-020	Box profile bottom
4	NPS-030	Box profile top
5	NPS-051	Box profile 220 side
6	NPS-100	Lower side profile
7	NPS-130	Profile complementing the vertical cover
8	F-NPS-140	Box profile, box connector for facade shutter
9	NPL-010	Plaster strip
10	F-NPD-280	Insert that lowers the side
11	F-NPB-070	Raising the side of the box for facade shutter
12	F-NPD-270	End cap for the internal side profile of the box for facade shutter
13	F-NPD-260	End cap for the external side profile of the box for facade shutter
14	F-NPT-280	Main handle of facade shutter
15	NPT-020	Upper reinforcement of internal and external box
16	F-NPW-295	Polystyrene insert
17	F-NPW-305	Additional polystyrene insert
18	NPT-130	Steel side handle 30 mm of the box 250
19	NPT-150	Steel side handle 56 mm of the box 250
20	RA-2-00 7 MM	Cover reinforcement small
21	F-USG	Holder of the top rail
22	F-RN	Upper gutter
23	M-RN-010	Mosquito net cassette
24	MZW-021	Side of the cassette with spring tube holder
25	M-RN-050	Cassette latch
26	M-RN-060	Latch lock
27	ABS-CZ	Mosquito net brake
28	MZN-050	Mosquito net spring 350 mm for facade shutter
29	MOS-XX	Mosquito net on a 23.5 mm tube
30	NPT-050	Steel mounting anchor
31	NPL-020	Aluminum insert
32	FBR-010	Guide adapter for facade shutter
33	F-PP-20	Single guide for facade shutter
34	FBR-050	Guide for the mosquito net
35	NPS-120	Lower box profile deepening



## STANDARD EQUIPMENT

### LAMELLAS C80

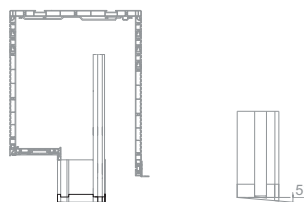
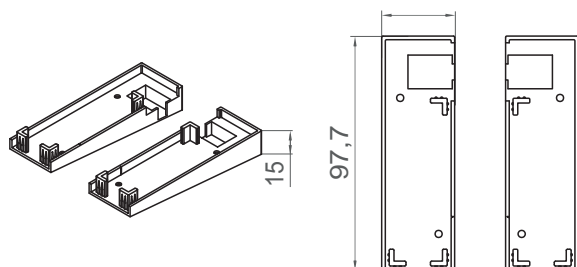
Top rail holders	F-USG
Lintel handle for roller shutters with façade blinds	F-NPTK-090
Steel side handles	NPT-150
Styrofoam inserts on the sides of the box	F-NPW-310
Guides F-FBR-030	F-FBR
PVC bottom guide plug on customer's request	
Rotation of lamellas	90°/180°

### LAMELLAS Z90

Top rail holders	F-USG
Lintel handle for roller shutters with façade blinds	F-NPTK-090
Stalowe uchwyty boczne	NPT-150
Styrofoam inserts on the sides of the box	F-NPW-310
Guides F-FBR-030	F-FBR
PVC bottom guide plug on customer's request	
Rotation of lamellas	90°

### F-FBD-030

Lower guide plug for installation F-FBR-030



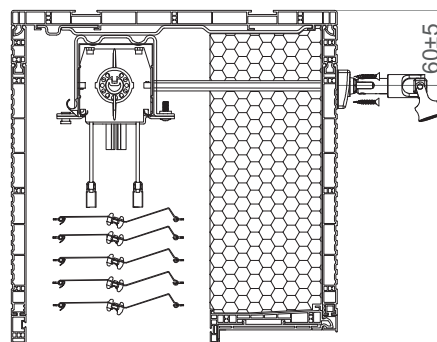
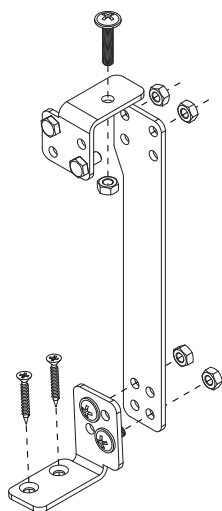
## EQUIPMENT FOR AN ADDITIONAL CHARGE

Static console (including connectors) for TP1000K-ZF roller shutters

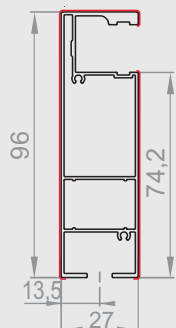
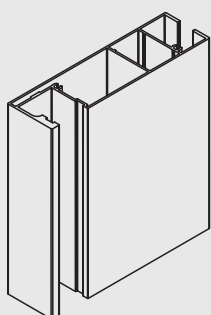
**F-NPTK-070** - 250 boxes with façade blinds

**F-NPTK-080** - 250 raised box with façade shutters

Crank lifting mechanism - for an extra charge (standard is the electric drive)

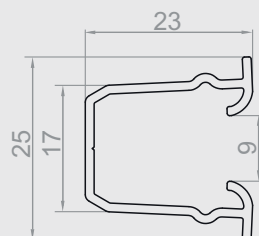
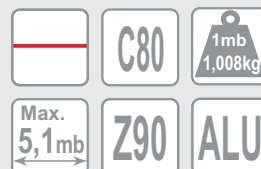


## GUIDES



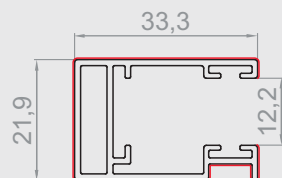
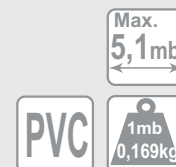
### **F-FBR-030**

Facade blind guide for installation.



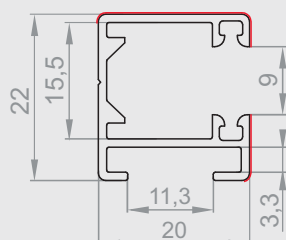
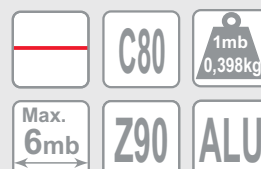
### **F-RSC-340-20**

Guide insert for facade blinds available in black.



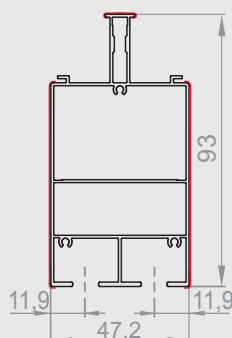
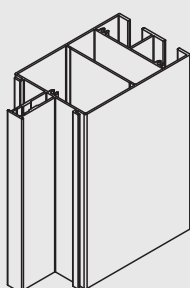
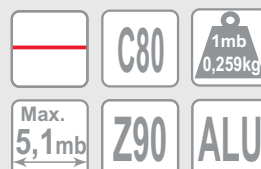
### **F-FBR-050**

Mosquito net guide in ZF3000®BX.



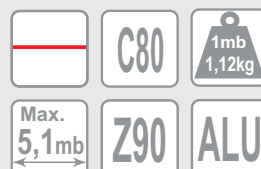
### **F-PP-20**

Single guide for facade blinds.



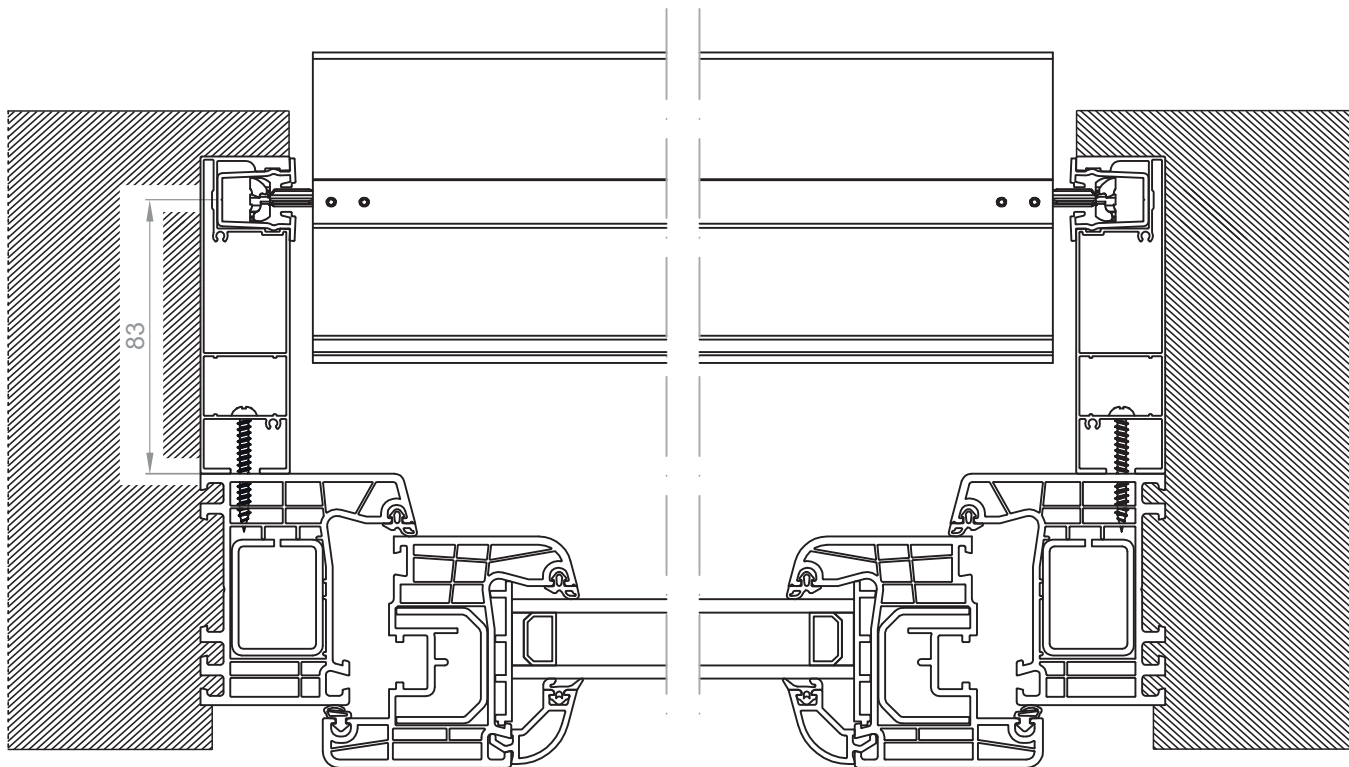
### **F-FBR-070**

Adapter for the guide of a double façade blind.



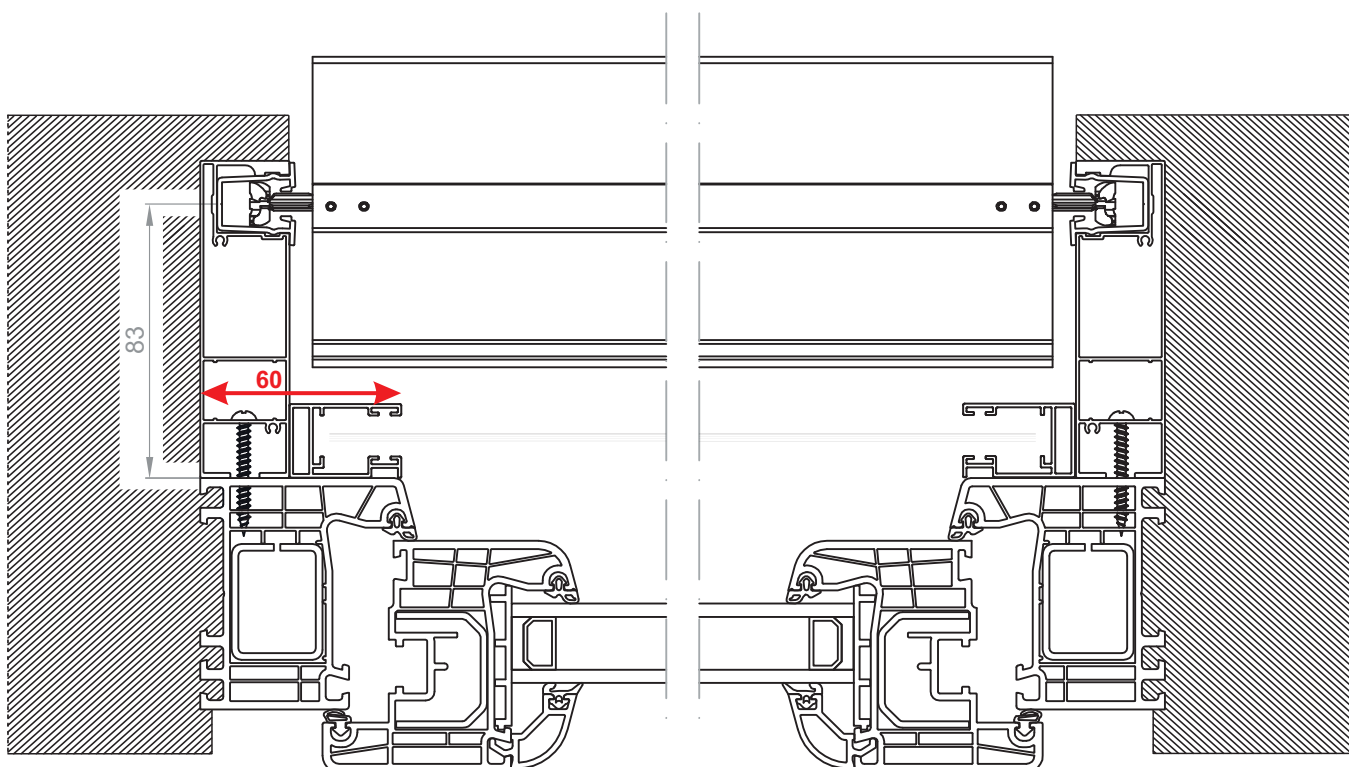
## ASSEMBLY DRAWINGS - INSTALLATION OF GUIDES

Installation of the facade blind guide for **F-FBR-030** development:



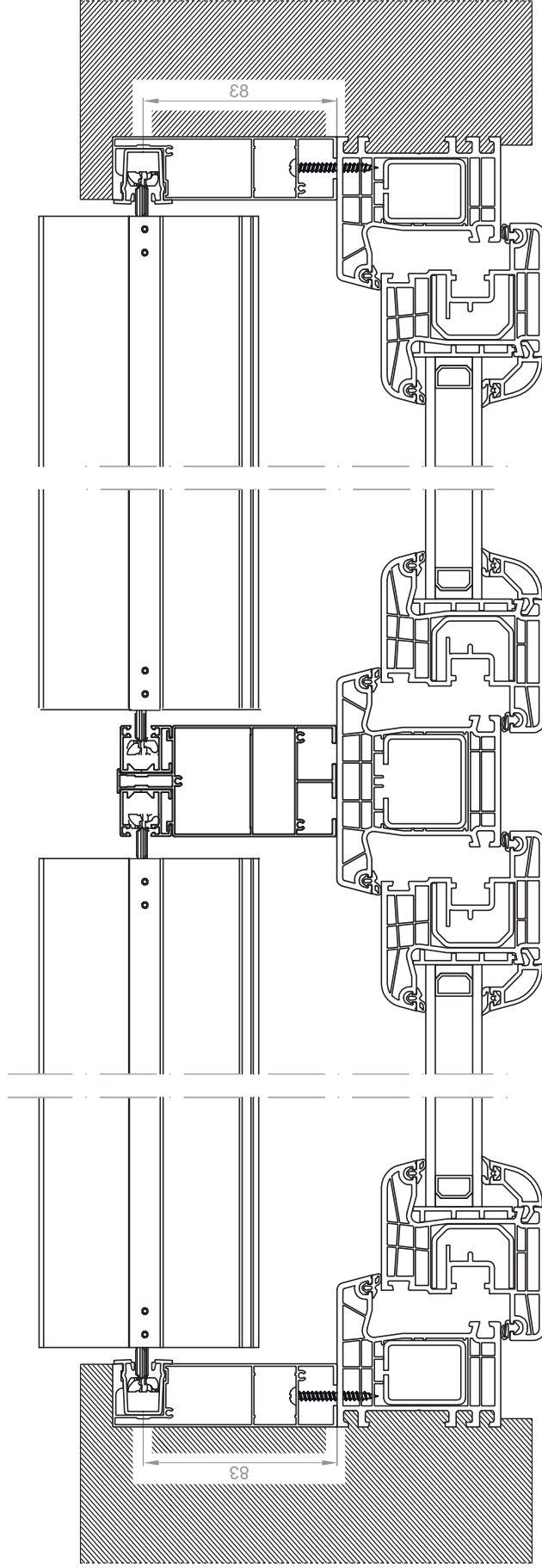
**TP1000K-ZF**

Installation of the **F-FBR-030** built-in facade blind guide + **F-FBR-050** mosquito net guide:



## ASSEMBLY DRAWINGS - INSTALLATION OF GUIDES

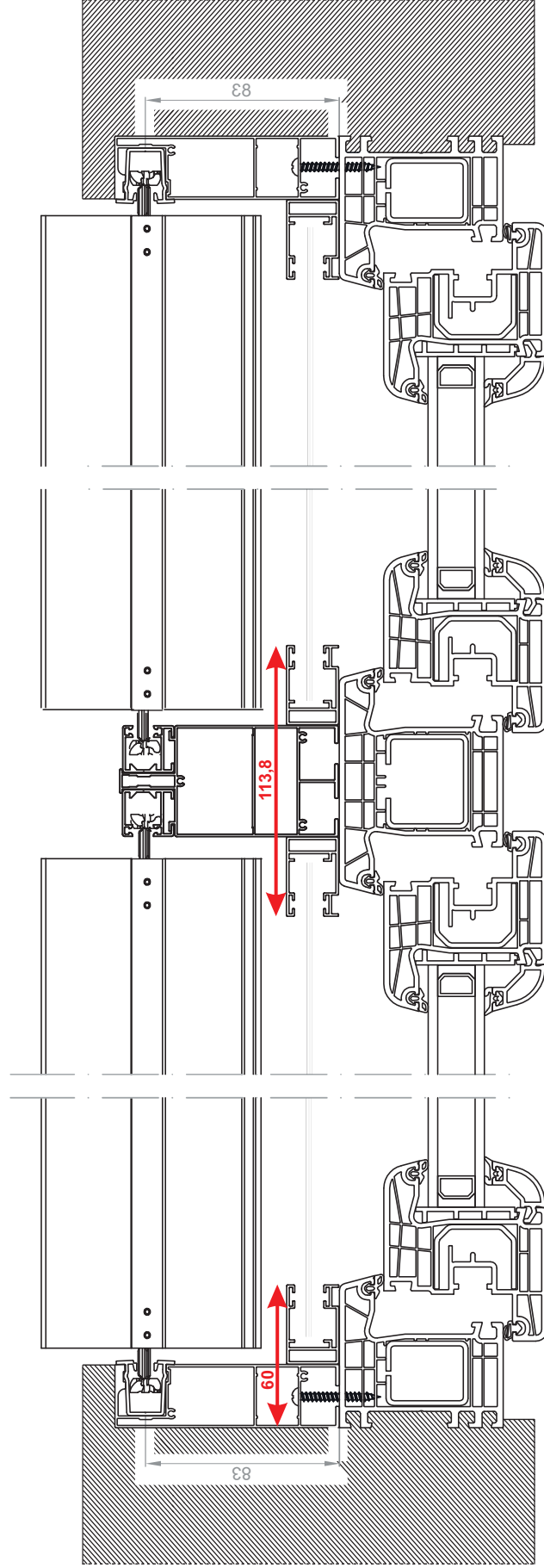
### TP1000K-ZF



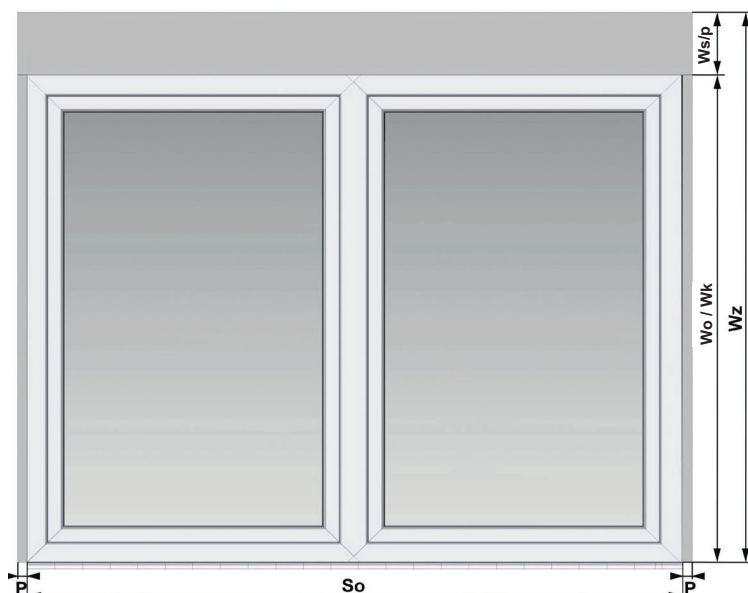


## ASSEMBLY DRAWINGS - INSTALLATION OF GUIDES

### TP1000K-ZF WITH MOSQUITO NET



## DIMENSIONING - ALUMINUM RAILS FOR BUILDING



**Sz** - shutter width  
**So** - opening width  
**Wz** - shutter height  
**Ws** - box height  
**Ws/p** - box height (+ optional 30 mm increase in TP1000K-ZF)  
**Wo** - opening height  
**Wk** - window height  
**P** - guide width (27 mm)

**Wz** = **Wo** + **Ws**  
**Wz**<sup>\*\*</sup> = **Wk** + **Ws/p**

Installation on the facade:

**Sz** = **So** + 2 x **P**

Built-in installation:

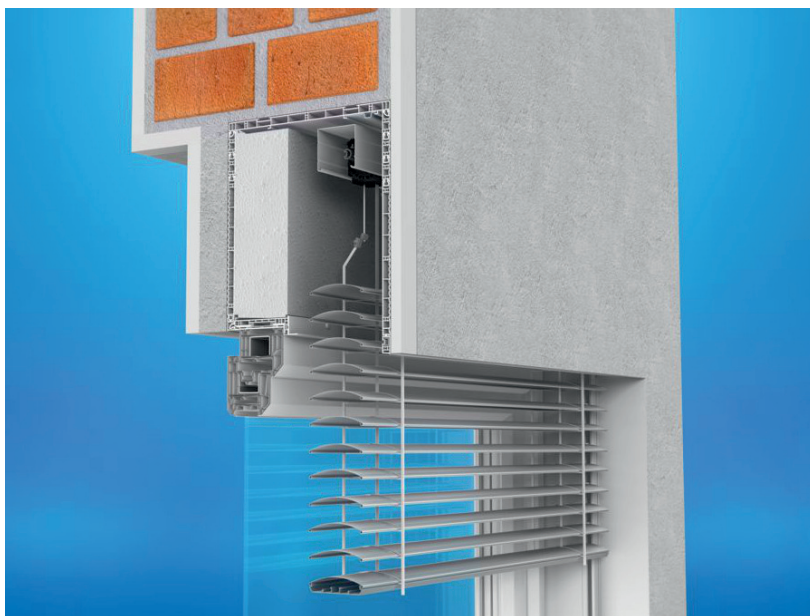
**Sz** = window width\*

Installation on the window frame:

**Sz** = window width\*

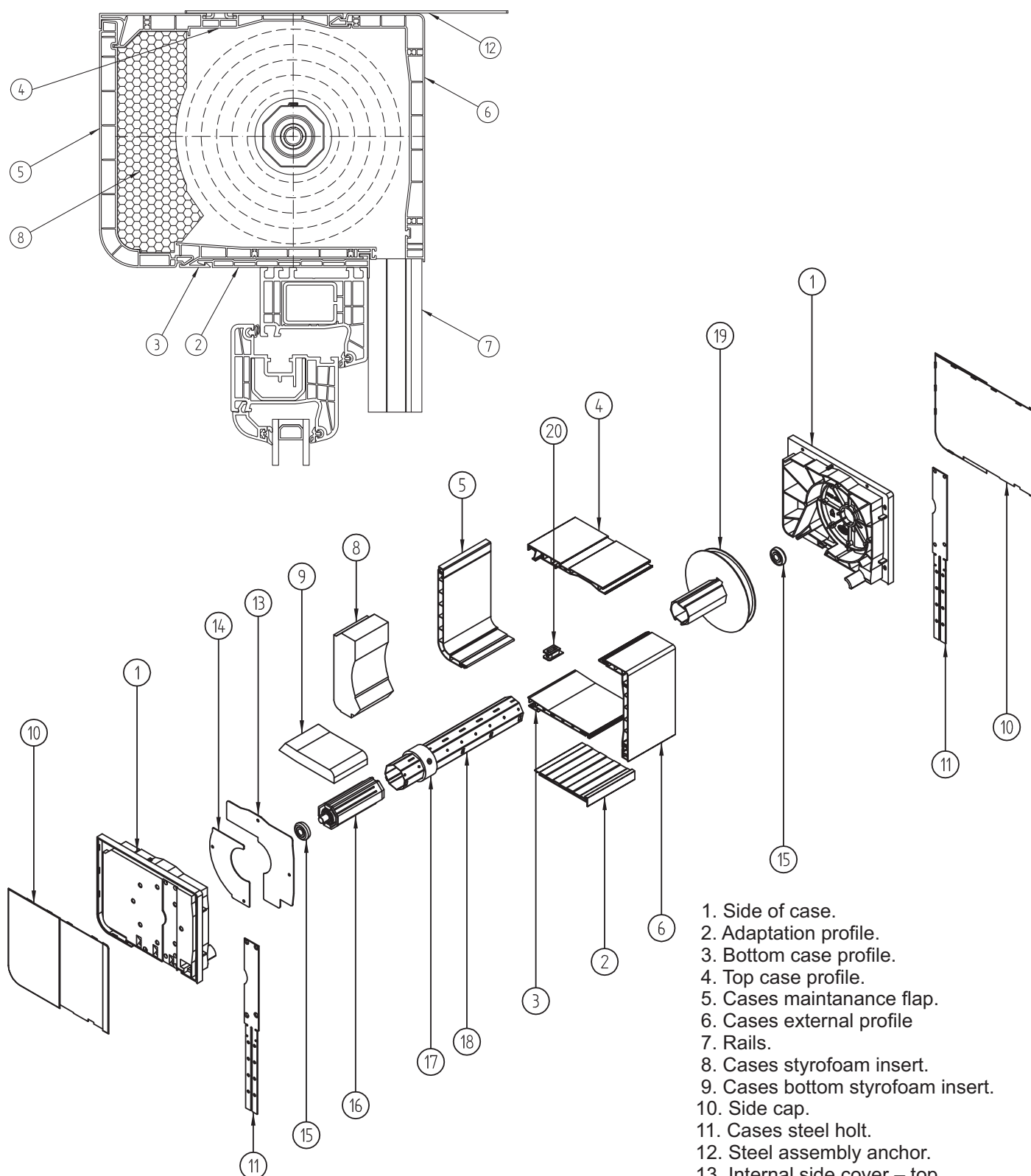
\* - it is recommended to take into account the assembly clearance to ensure free processing of the joinery

\*\* - lowering the TP1000K-ZF box does not increase the total height of the product

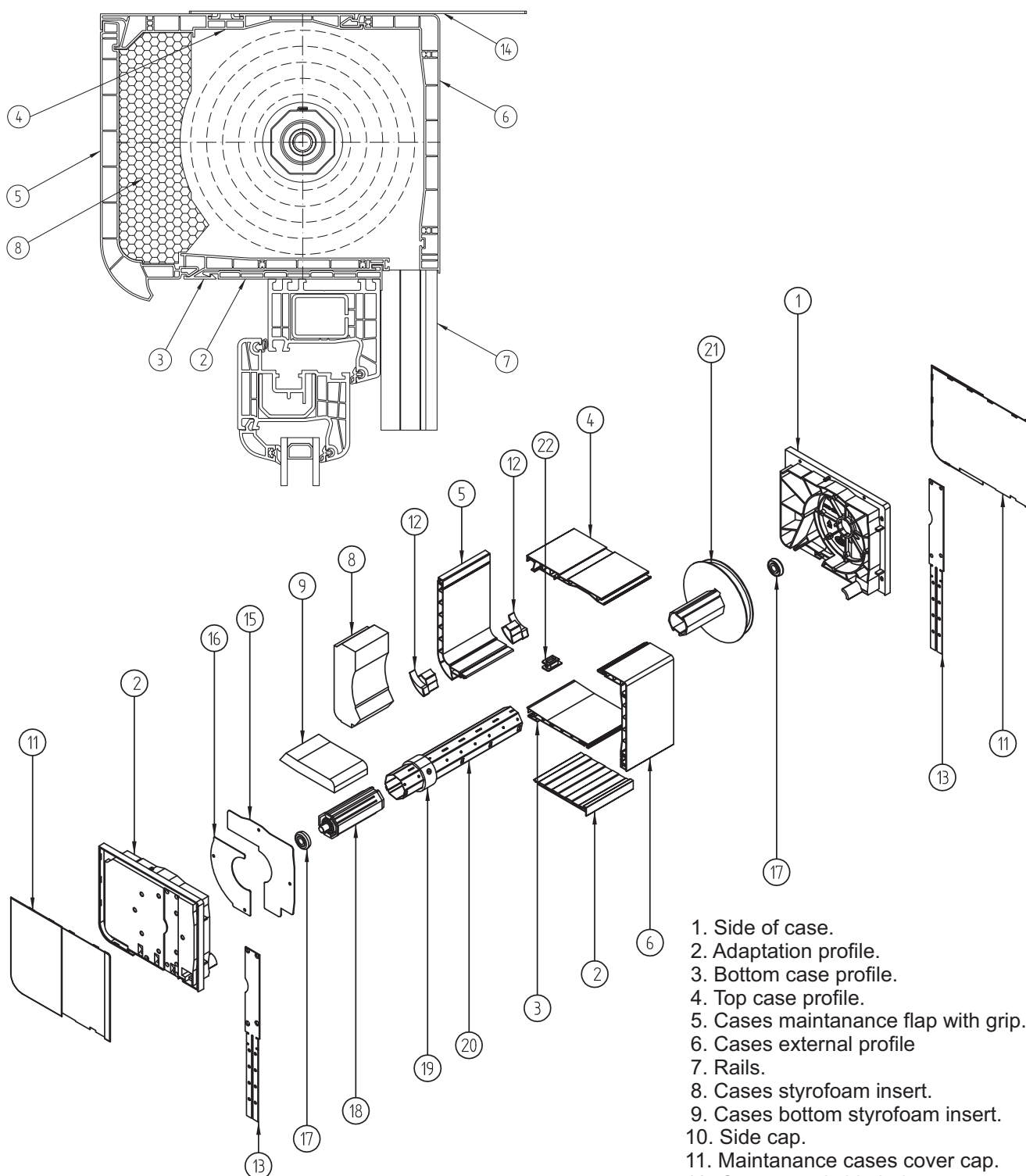


An example of a blind built on both sides





1. Side of case.
2. Adaptation profile.
3. Bottom case profile.
4. Top case profile.
5. Cases maintenance flap.
6. Cases external profile
7. Rails.
8. Cases styrofoam insert.
9. Cases bottom styrofoam insert.
10. Side cap.
11. Cases steel bolt.
12. Steel assembly anchor.
13. Internal side cover – top.
14. Internal side cover – bottom
15. Bearing.
16. Holder for PVC with pivot.
17. Augmenting ring.
18. Octagonal rim.
19. Winding wheel.
20. Strip guiderail.

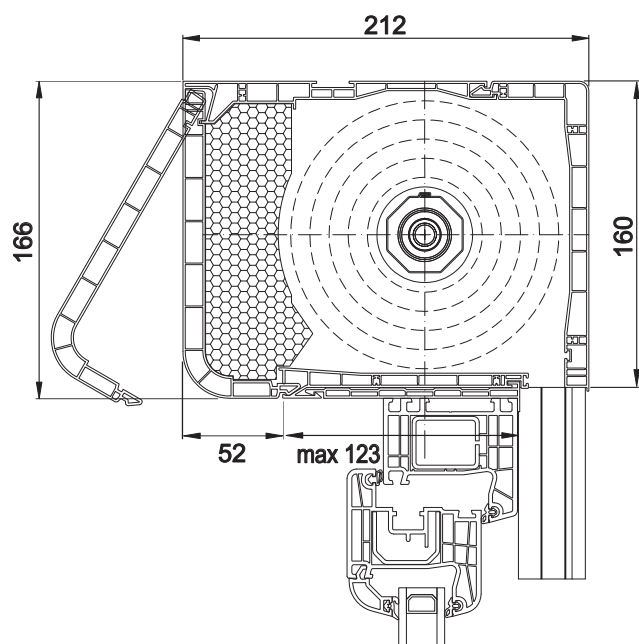


1. Side of case.
2. Adaptation profile.
3. Bottom case profile.
4. Top case profile.
5. Cases maintenance flap with grip.
6. Cases external profile
7. Rails.
8. Cases styrofoam insert.
9. Cases bottom styrofoam insert.
10. Side cap.
11. Maintenance cases cover cap.
12. Cases steel side holt.
13. Steel assembly anchor.
14. Internal side cover – top.
15. Internal side cover – bottom
16. Bearing.
17. Holder fo PVC with pivot.
18. Augmenting ring.
20. Octagonal rim.
21. Winding wheel.
22. Strip guiderail.

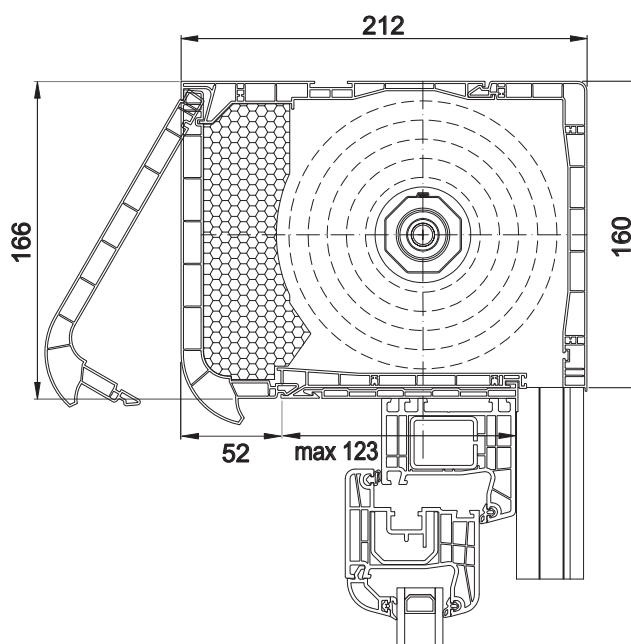
# TOP MOUNTED SHUTTERS - MX1200

## SIZES OF CASES

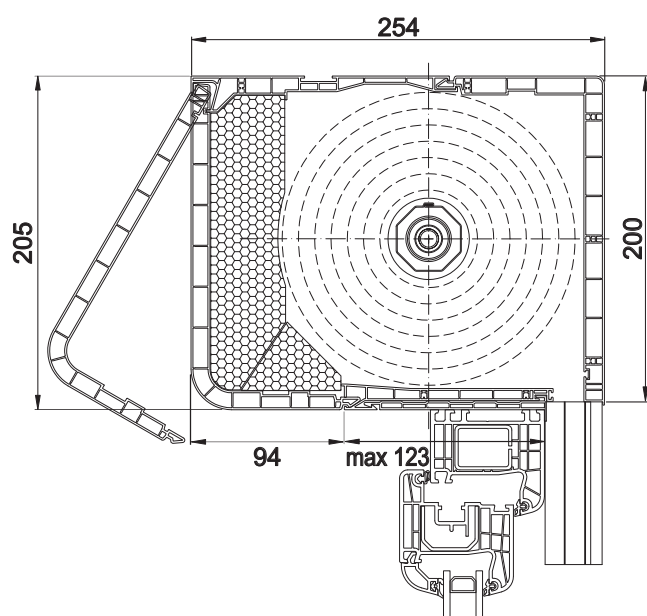
Case 160 – maintenance flap with no grip



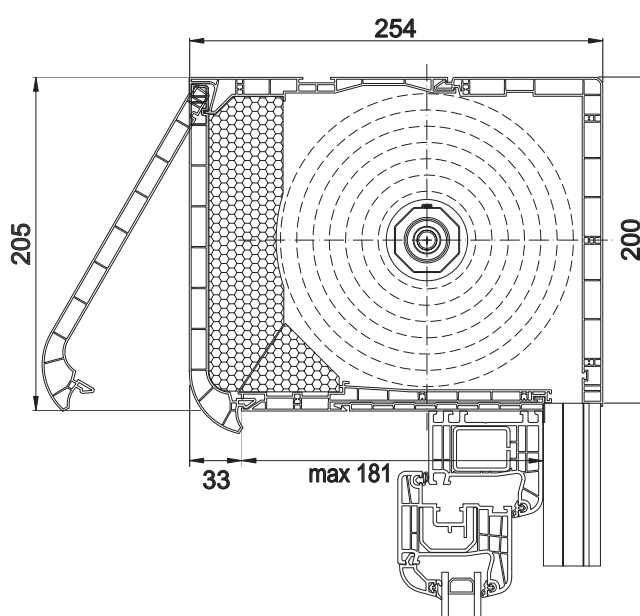
Case 160 – maintenance flap with grip



Case 200 - maintenance flap with no grip



Case 200 - maintenance flap with grip

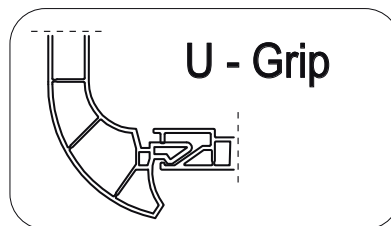
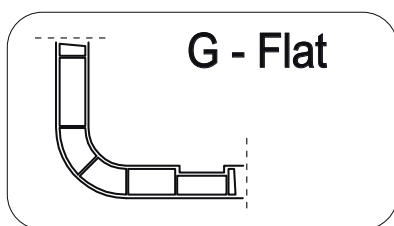




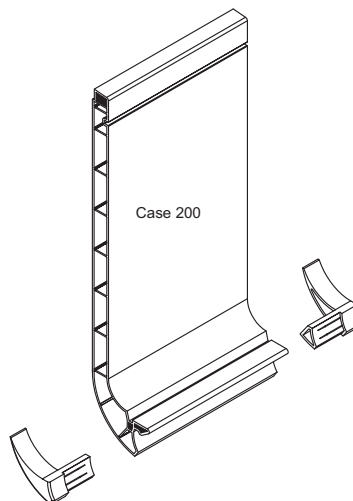
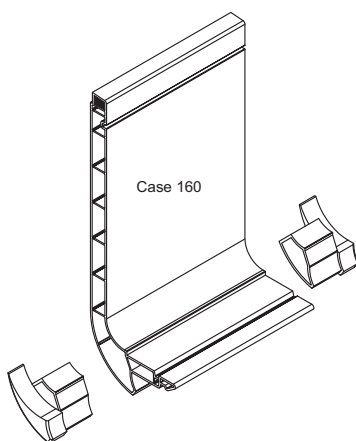
# TOP MOUNTED SHUTTERS - MX1200

## TYPES OF MAINTANANCE FLAPS

### TYPES OF MAINTANANCE FLAPS

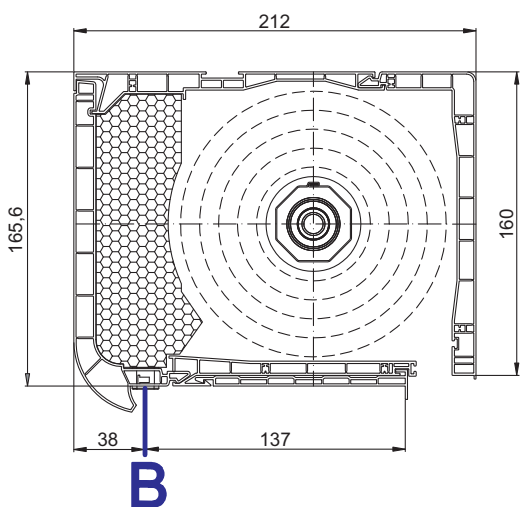


**!Warning! Type-U** - Covers of cases have side caps, which can be used only when cases maintenance flap is .

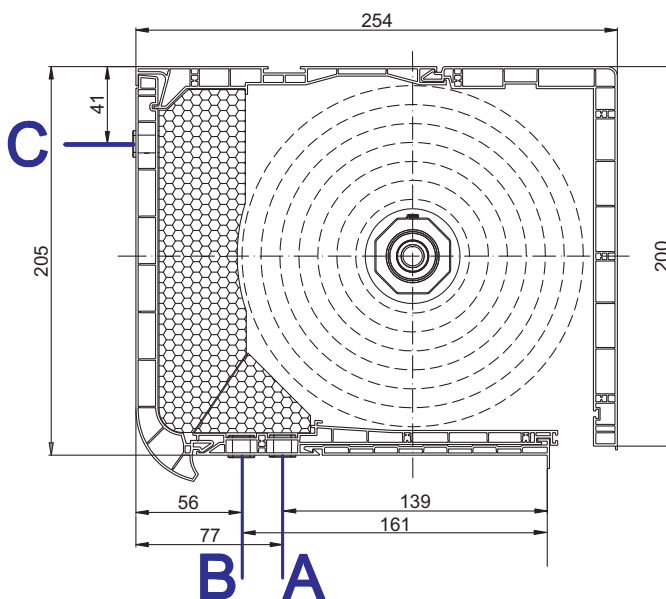


### TAPE OUTPUTS

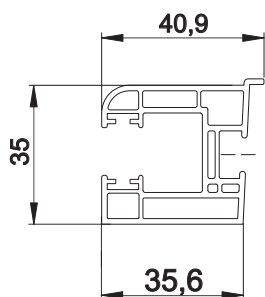
Case 160



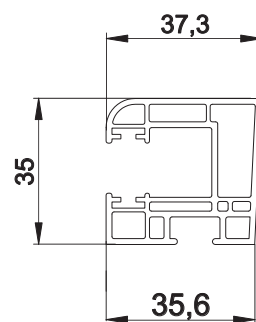
Case 200



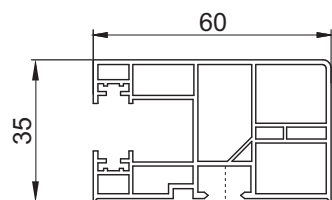
## TYPES OF RAILS



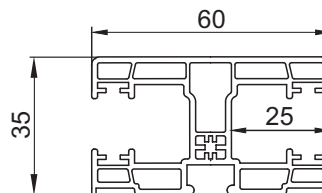
**NRR-010**  
Narrow rail with collet



**NRR-020**  
Narrow rail



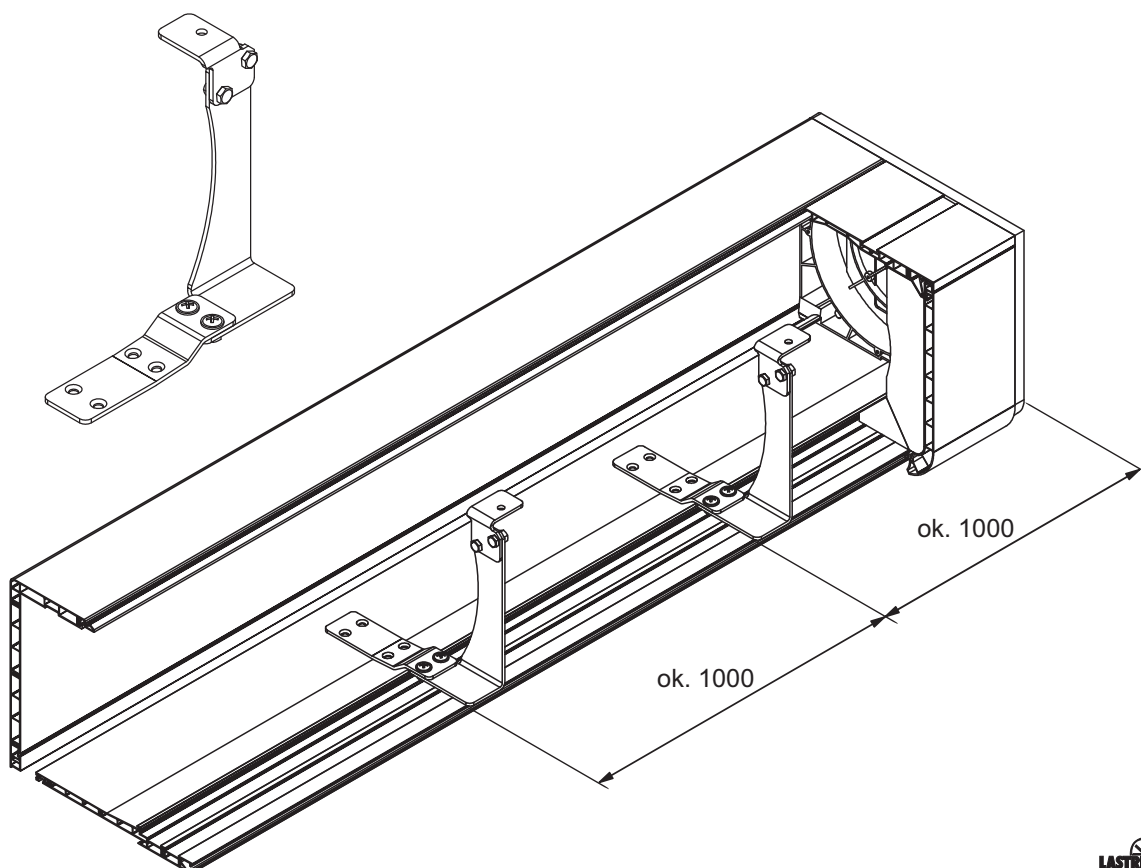
**RK16-12GJ**  
Single rail



**RK18-12GJ**  
Double Rail

## STATICS CONSOL

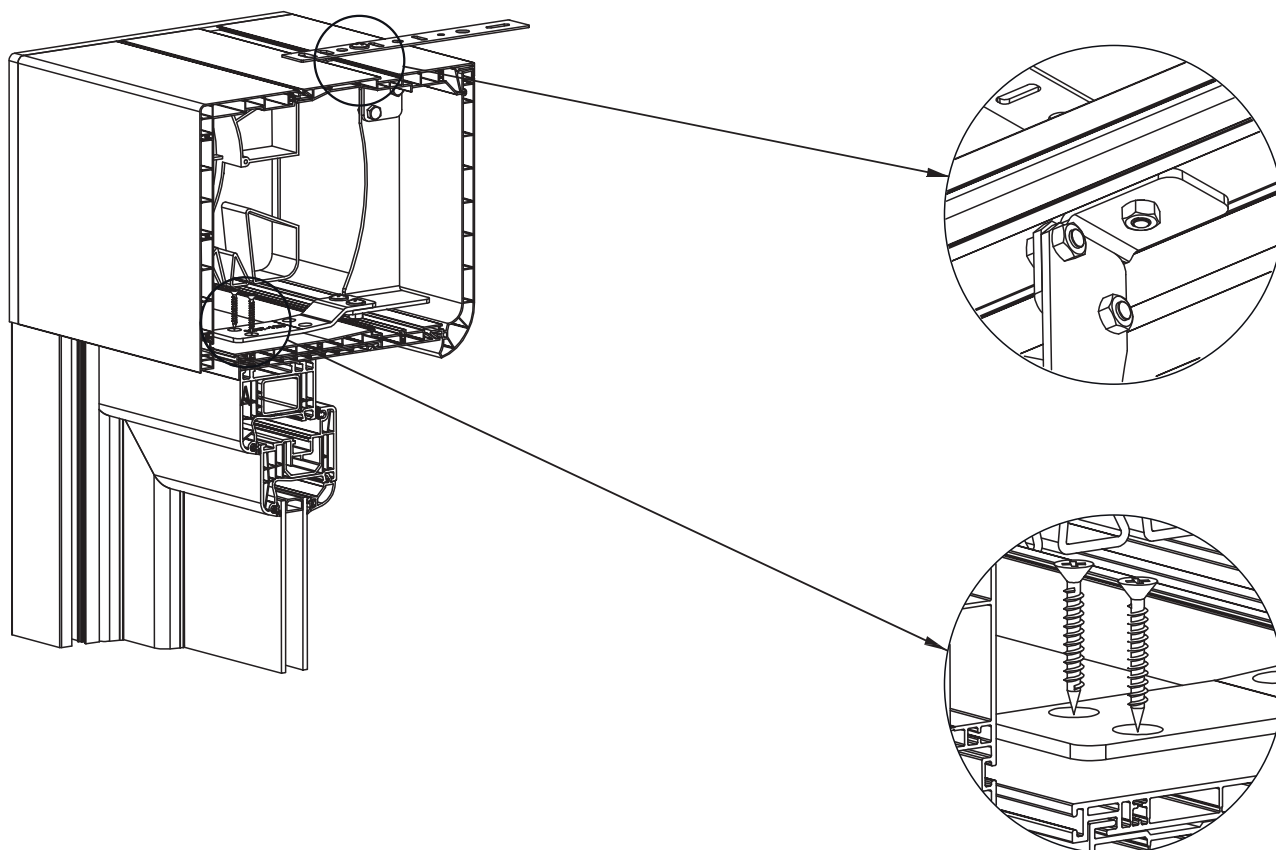
Overview of statics consol placement in shutter case MX1200



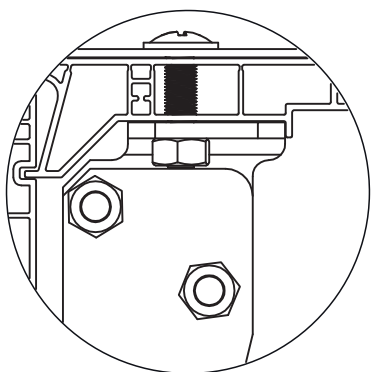
# TOP MOUNTED SHUTTERS - MX1200

## INSTALLATION OF STATICS CONSOL

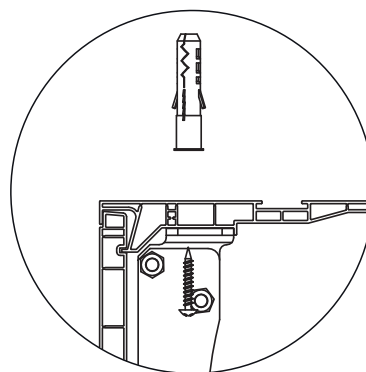
The static console is mounted as standard every 1m counting from the outer edge of the side of the box (using the screws and screws provided).



Fixing the static console in the upper part with the mounting anchor.



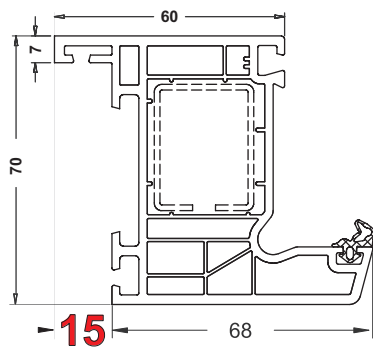
Fixing the static console in the upper part without the mounting anchor.



## FRAMES AND SILLS IN MONOBLOCK WINDOWS - CT70 SYSTEM

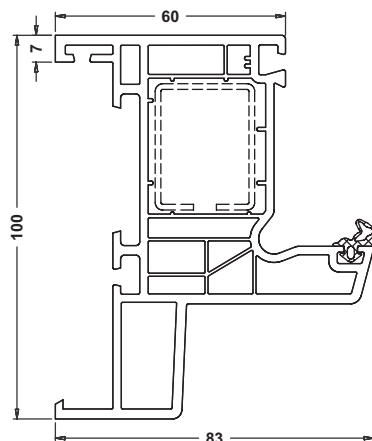
**SCHÜCO**

**8065**



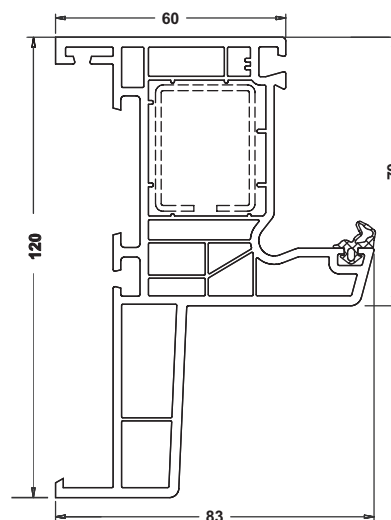
MONO 100mm

**9163**

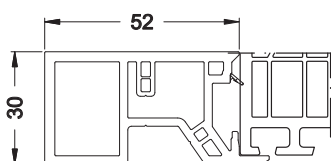


MONO 120mm

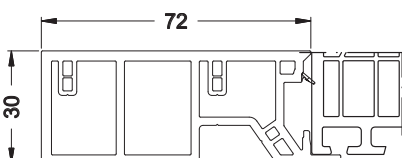
**9164**



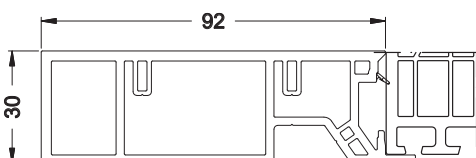
**9642**



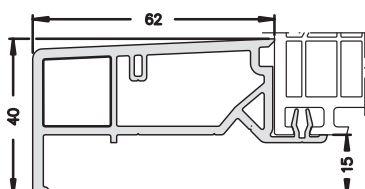
**9643**



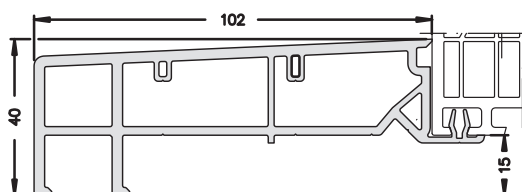
**9644**



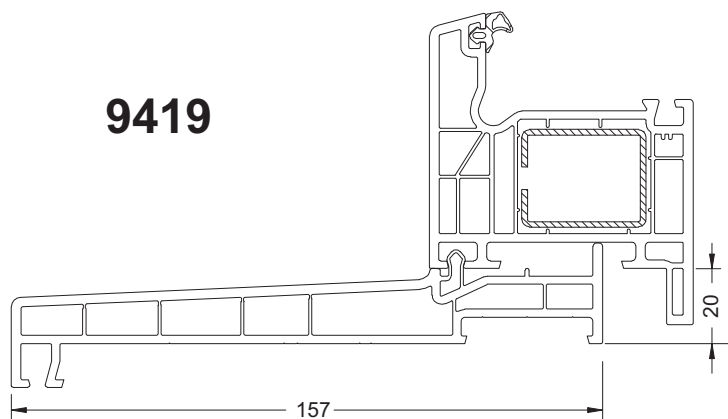
**8003**



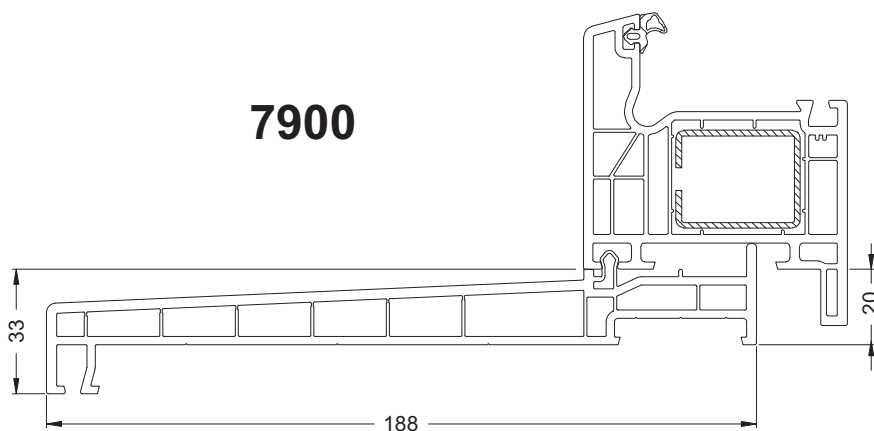
**8005**



**9419**

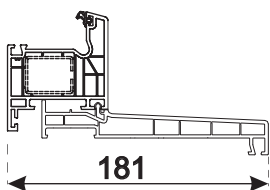
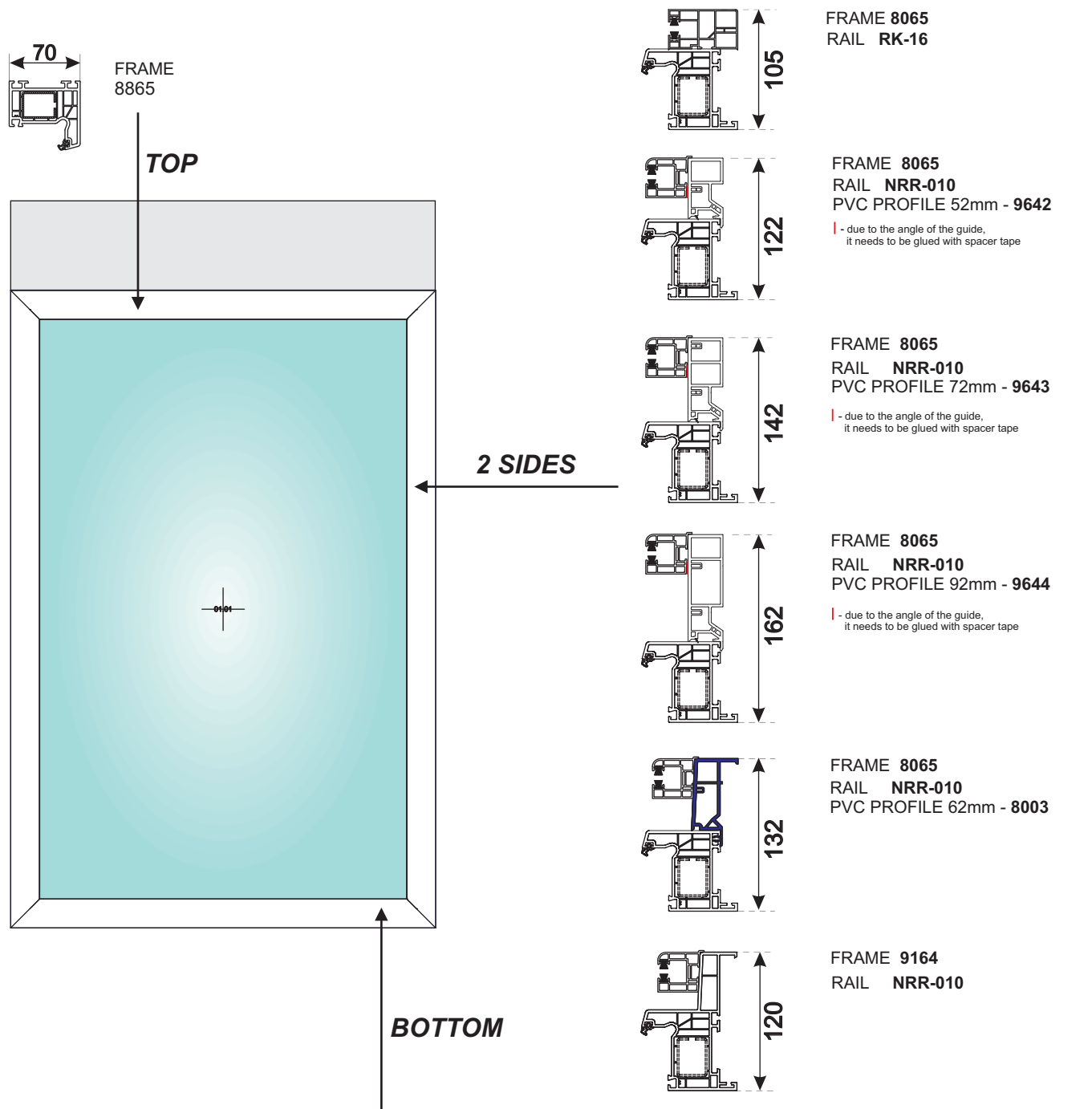


**7900**

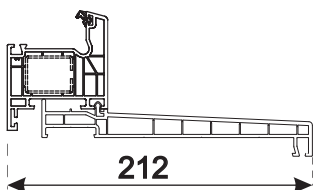


## VERSIONS OF SHUTTER INSTALLATION WITH MONOBLOCK FRAME

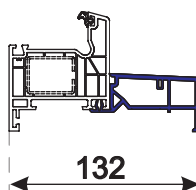
**SCHÜCO**  
SYSTEM CT70



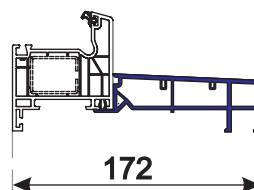
FRAME 8065  
PVC PROFILE 157mm - 9419



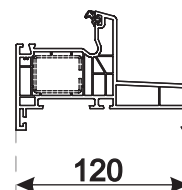
FRAME 8065  
PVC PROFILE 188mm - 7900



FRAME 8065  
PVC PROFILE 62mm - 8003



FRAME 8065  
PVC PROFILE 102mm - 8005



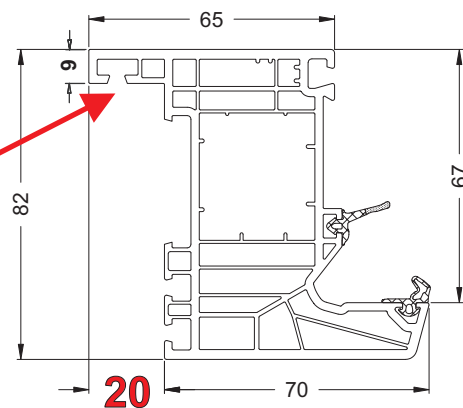
FRAME 9164

## FRAMES AND SILLS IN MONOBLOCK WINDOWS - LIVING SYSTEM

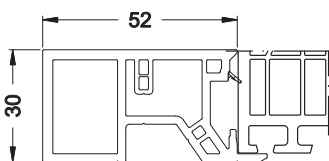
**SCHÜCO**

**ATTENTION**  
A NEW FRAME 9416  
IN THE LIVING SYSTEM  
HAS OTHER DIMENSIONS THAN  
ANALOGUE FRAME 8065  
IN THE CT70 SYSTEM

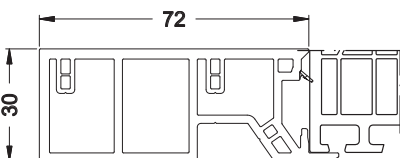
**9416**



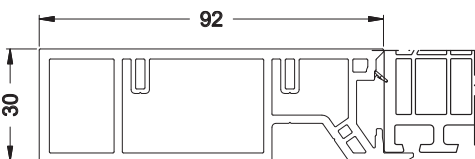
**9642**



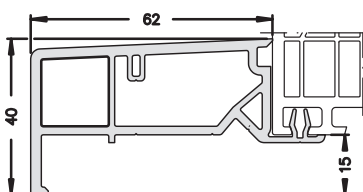
**9643**



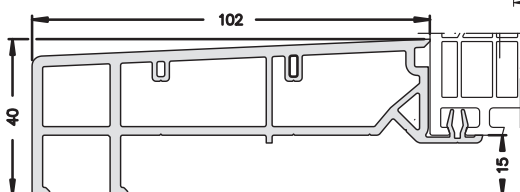
**9644**



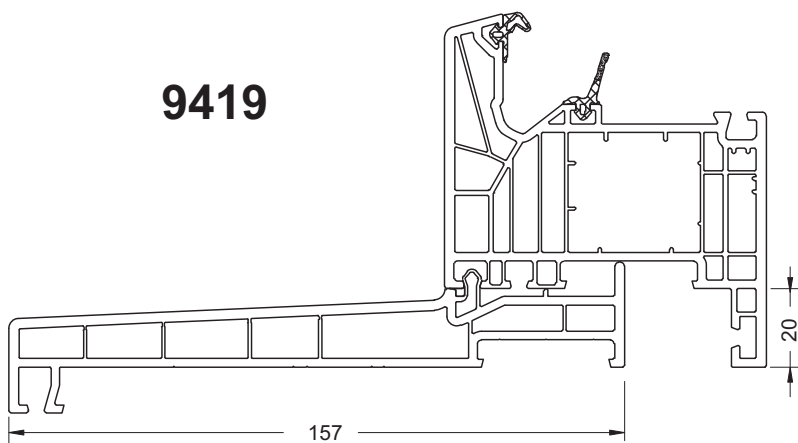
**8003**



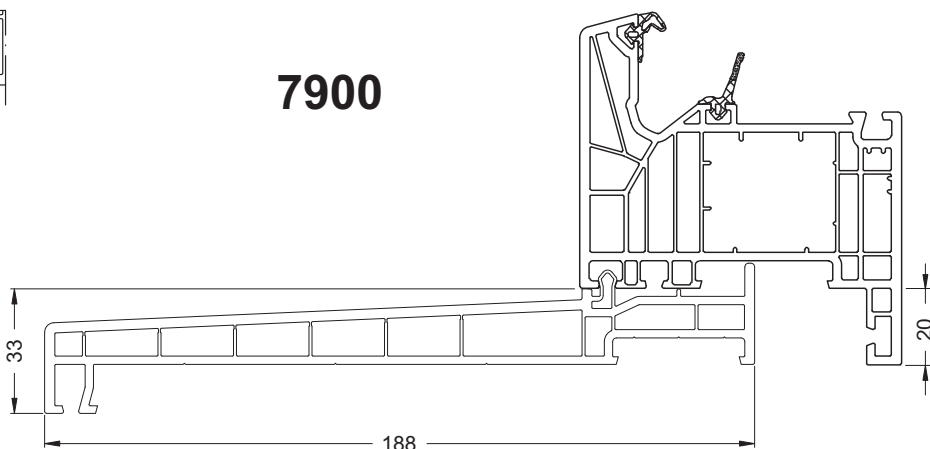
**8005**



**9419**



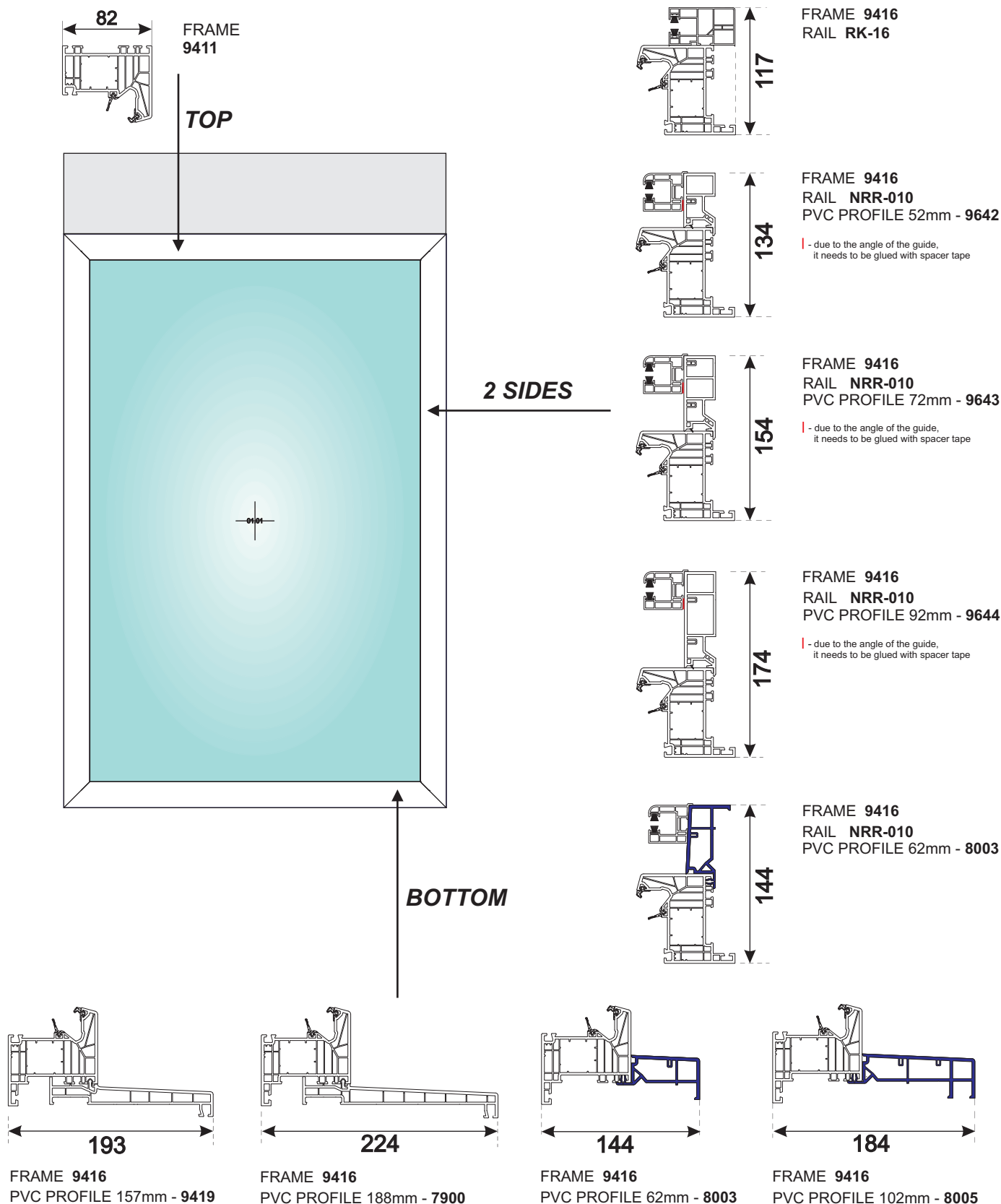
**7900**





## VERSIONS OF SHUTTER INSTALLATION WITH MONOBLOCK FRAME

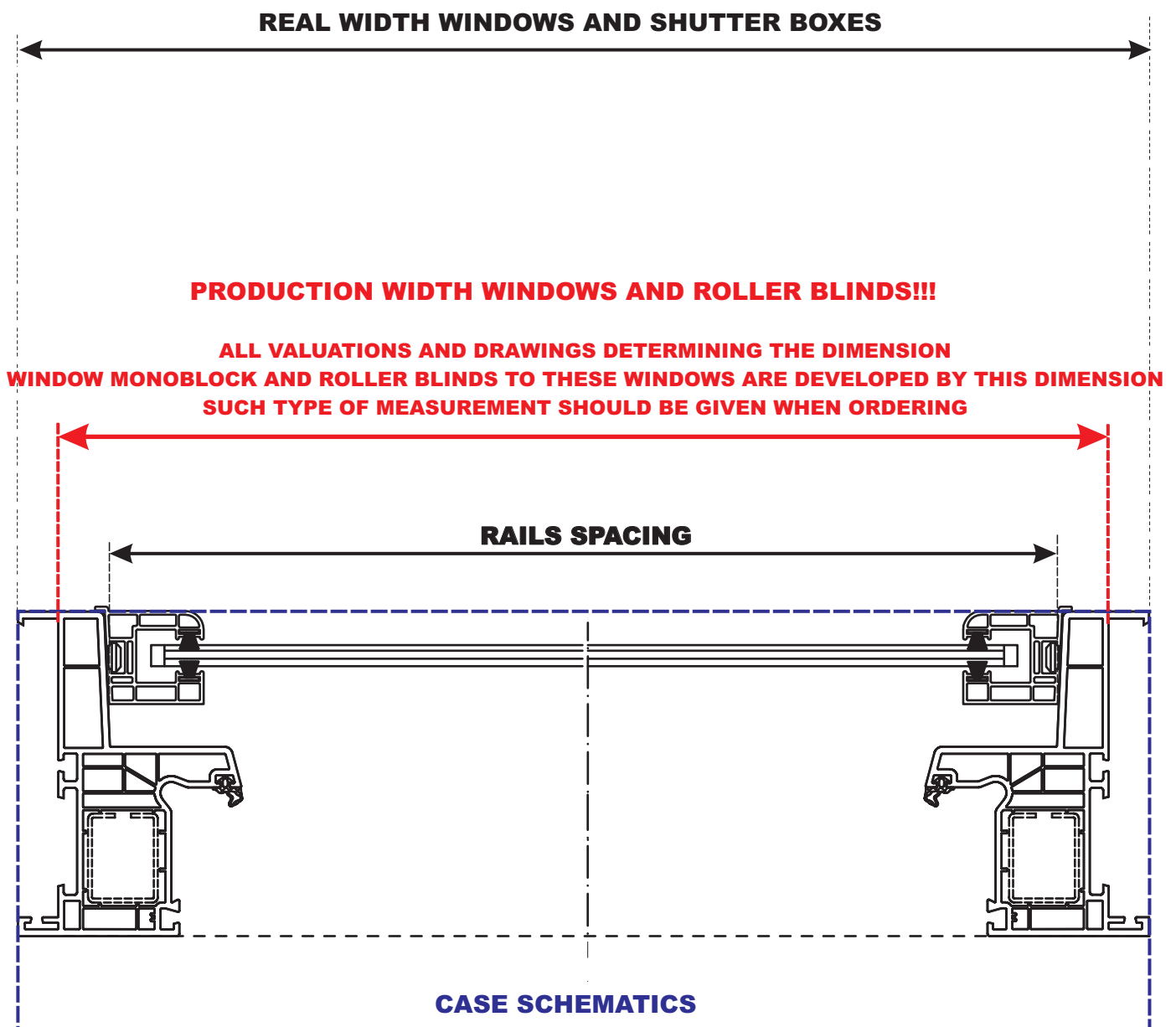
**SCHÜCO**  
SYSTEM LIVING



**RULES OF DETERMINATION FOR WINDOWS DIMENSIONS  
APPLICABLE IN THE FACTORY**



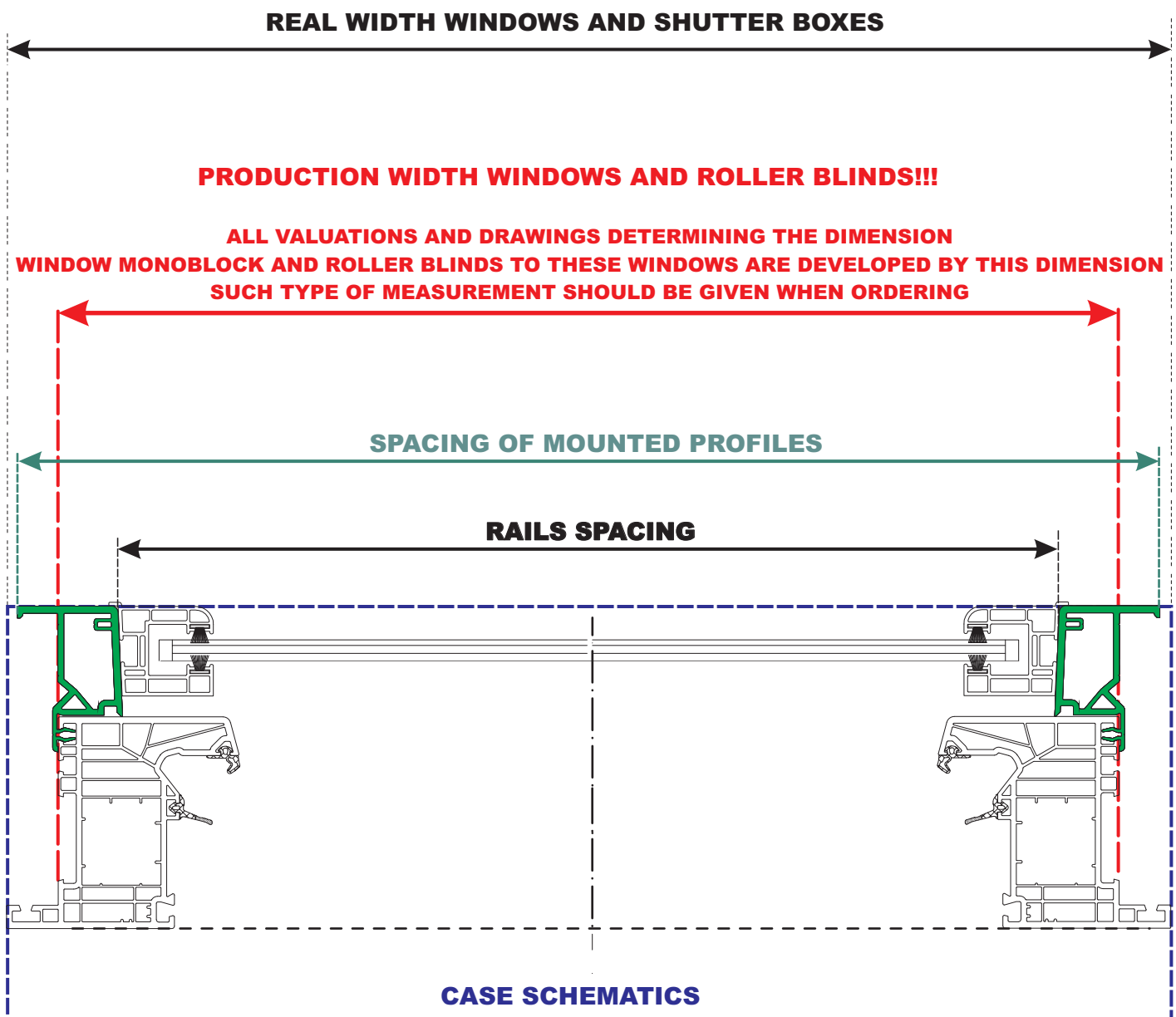
**MONOBLOC FRAMEWORK + TOP MOUNTED SHUTTERS  
FOR CT70 - SYSTEM**

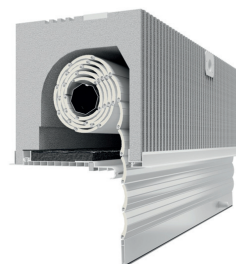


**RULES OF DETERMINATION FOR WINDOWS DIMENSIONS  
APPLICABLE IN THE FACTORY**

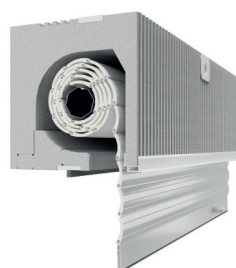


**MONOBLOC FRAMEWORK + TOP MOUNTED SHUTTERS  
FOR LIVING - SYSTEM**





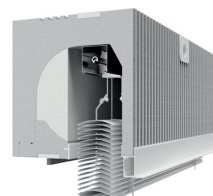
INTERNAL REVISION



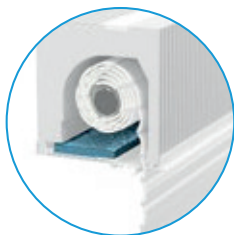
EXTERNAL REVISION



BOX WITH MOSQUITO NET



FOR FACADE SHUTTERS



## REVISION FLAP WITH INSULATION

Thanks to the use of a special insulating mat, glued to the inside of the inspection hatch, the roller shutter maintains its thermal parameters.



## SHUTTER WITH EXTENSION

The roller blind fits in with foreign trends, giving the possibility of both electric and manual control, flush-mounted with an optional extension.



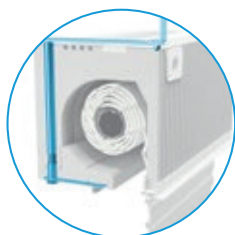
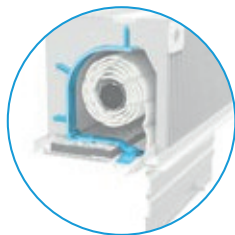
## TRAVERSE WITH EXPANSION TAPE

In order to maintain the best thermal parameters in the variant with internal revision, the profile adjacent to the window frame includes an expansion tape. Its presence guarantees tightness.



## SN5000 WITH UNIVERSAL BOTTOM PROFILE

The system fits into any window profile thanks to the use of a universal profile with an expansion tape, ensuring easy installation. After placing the roller shutter on the frame, it is enough to screw on the side mounting plates and screw the frame to the bottom profile.



## SN5000 WITH A STATIC CONSOLE

The SN5000 system makes it possible to make a roller shutter with a large width. Thanks to the use of static consoles, the window profile will be able to be anchored through the box to the lintel.



## BOX DEPTH 300 | 365

One box height in two depth variants is an extraordinary advantage when the lintel has been prepared in a traditional way at one height. Two depths allow the roller shutter to be used in various types of development, as well as for various window profiles, from traditional frames through wide sliding profiles.

# TOP MOUNTED SHUTTER SN5000 WITH INTERNAL REVISION



## INTERNAL REVISION

**SN5000** with an internal revision dedicated to solutions with a top-mounted roller shutter made of plastic. With the standard form of the roller shutter, we obtain better thermal parameters. The roller shutter can be processed from the inside and outside. Visible inspection hatch from the side of the apartment.

### AVAILABLE DRIVES:

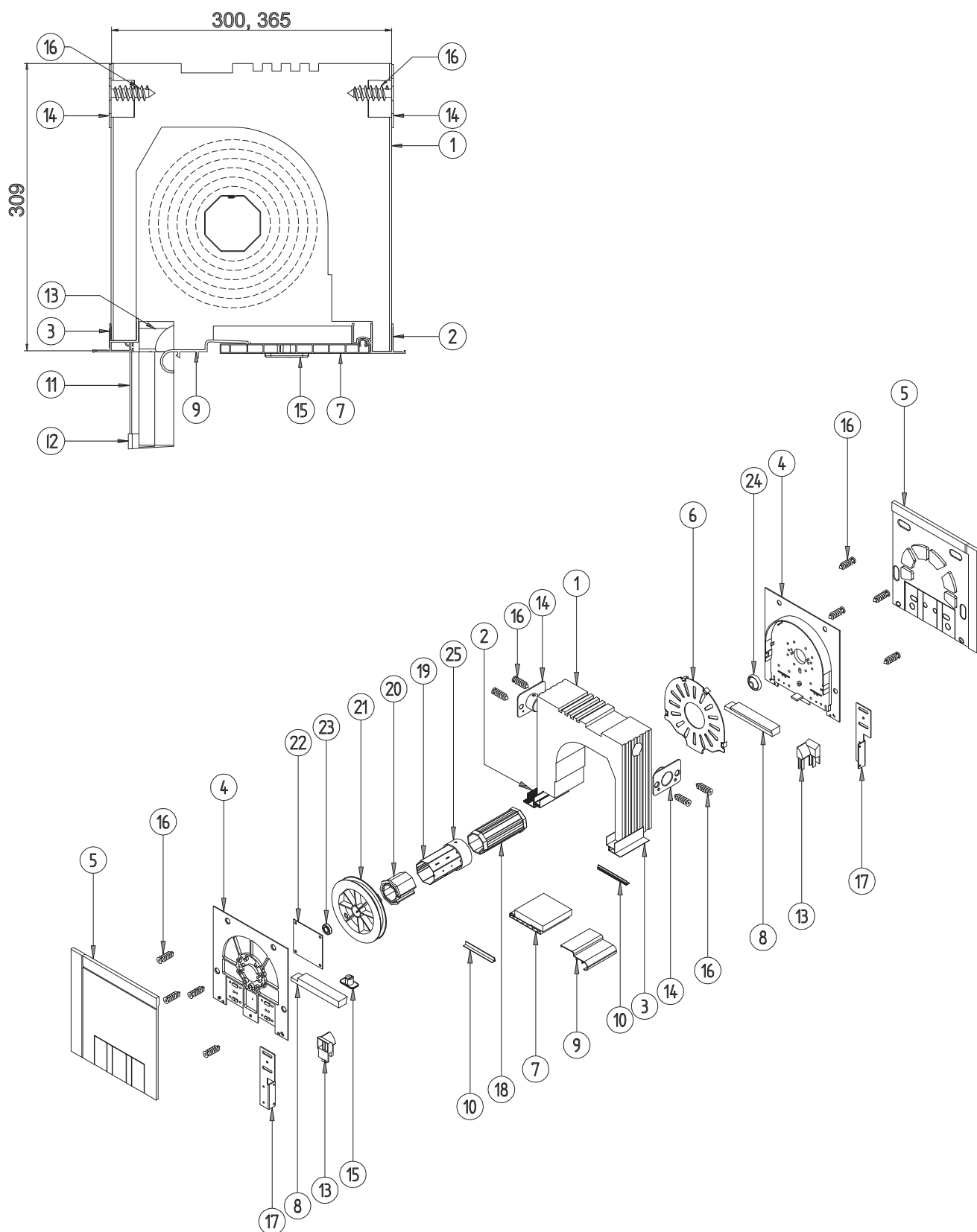
Manual: Webbing - Crank Retractor - Crank  
Spring + lock  
Motors

**Maximum thickness of the window frame = 90mm**



# TOP MOUNTED SHUTTER SN5000 WITH INTERNAL REVISION

## BOX 300, 365 - CROSS SECTION AND PARTS LIST



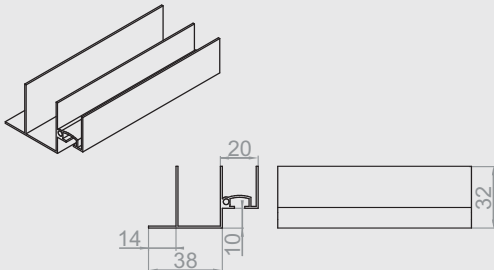
# TOP MOUNTED SHUTTER SN5000 WITH INTERNAL REVISION

## BOX 300, 365 - CROSS SECTION AND PARTS LIST

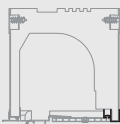
1	RSS-020	Box 300x308
	RSS-030	Box 365x308
2	RSC-010	Plaster strip PVC inside
3	RSC-020	Plaster strip PVC outside
4	RSB-020 L/P	Side of the box for revision from the inside left / right
5	RSS-080 L/P	Side insulation left / right
6	RSD-280	Inner side cover
7	RSC-040	Internal inspection cover 140 mm for box 300
	RSC-050	Internal inspection cover 150 mm for box 300
	RSC-060	Internal inspection cover 160 mm for box 300
	RSC-070	Internal inspection cover 200 mm for box 365
	RSC-080	Internal inspection cover 210 mm for box 365
	RSC-090	Internal inspection cover 220 mm for box 365
8	RSC-100 L/P	Inspection hatch adapter 30 mm left / right
	RSC-110 L/P	Inspection hatch adapter 38 mm left / right
	RSC-120 L/P	Inspection hatch adapter 70 mm left / right
	RSC-130 L/P	Inspection hatch adapter 100 mm left / right
	RSC-140 L/P	Inspection hatch adapter 30 mm for box 365 left / right
	RSC-150 L/P	Inspection hatch adapter 38 mm for box 365 left / right
	RSC-160 L/P	Inspection hatch adapter 70 mm for box 365 left / right
	RSC-170 L/P	Inspection hatch adapter 100 mm for box 365 left / right
9	RSC-300	Traverse 94 mm for a frame width of 60 to 70 mm
	RSC-310	Traverse 103 mm for a frame width of 71 to 80 mm
	RSC-320	Traverse 108 mm for a frame width of 81 to 90 mm
10	RSC-330	Profile sealing the inspection hatch
11	RSR-080	Single guide rail for internal revision PA 52
12	NPD-170	Bottom plug of the guides NPR-020
	RSD-220	Bottom plug of the guides RSR-080
13	RSD-080 L/P	Slider for the guide PA 52 left / right
14	RSD-010	Ceiling bracket
15	RSD-300	Tape grommet 14 mm for external revision
16	RSD-270	Plastic fixing screw 6,5x45
17	RST-020 L/P	Steel side handle left / right
	RST-030 L/P	Steel side handle 70 mm left / right
	RST-040 L/P	Steel side handle 100 mm left / right
18	OBS-60-PVC	PVC mounting with pipe mandrel ø 60
19	SW 60	Octagonal tube ø 60
20	RED-40-60	Reduction 40/60
21	KNO-40-205	Winding wheel 170
22	P-ACE	Plate for the mechanism ACE
23	LO 28/12	Bearing 28/12 to ALU and PVC ø 60
24	K-L40	Bearing 40/12
25	PZ 60/70	Increasing ring

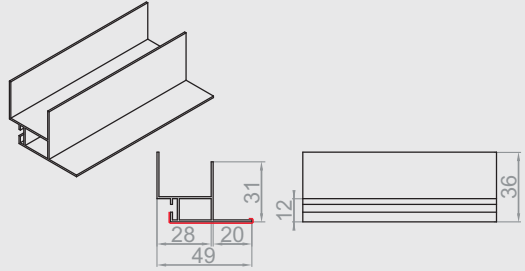
# TOP MOUNTED SHUTTER SN5000 WITH INTERNAL REVISION

## ELEMENTS

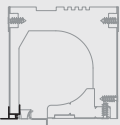


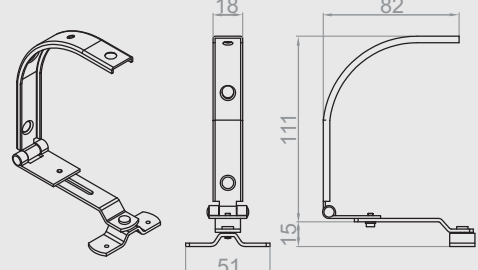
**RSC-010**  
Plaster strip PVC inside



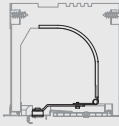


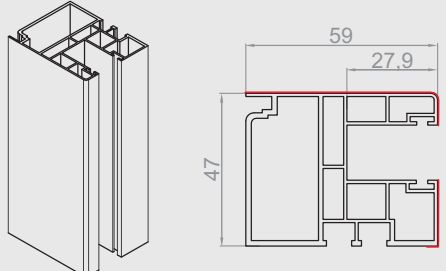
**RSC-020**  
Plaster strip PVC outside



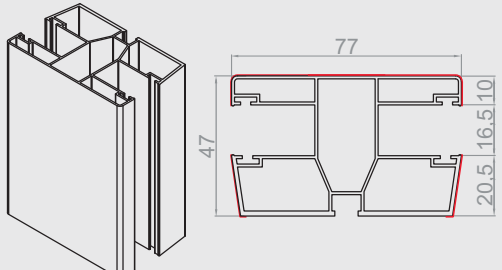


**RSTK-010**  
Static console for the box with an inspection from the inside





**RSR-080**  
Single guide for internal revision to the PA 52 profile

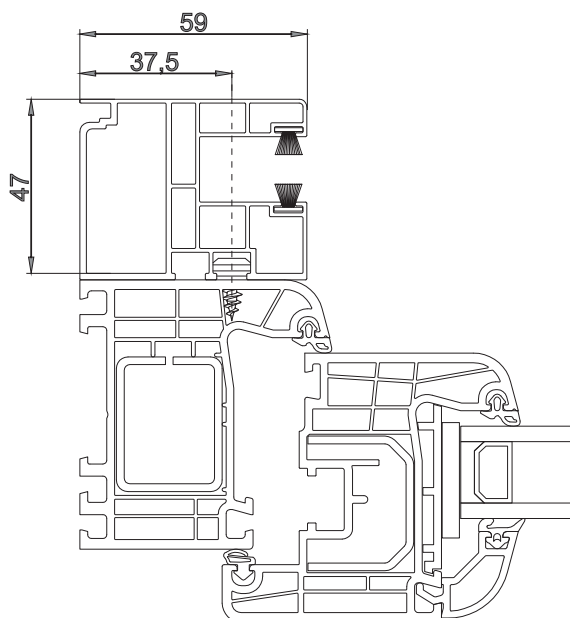


**RSR-090**  
Double guide for internal revision for PA 52 profile

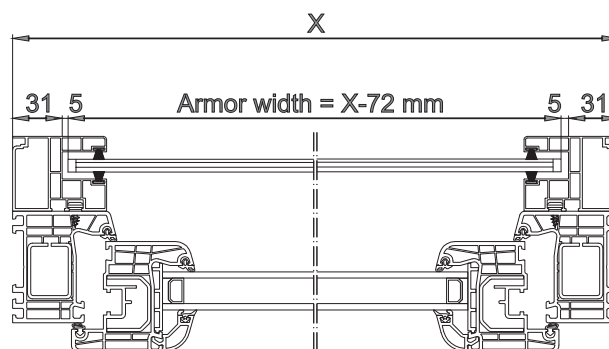
# TOP MOUNTED SHUTTER SN5000 WITH INTERNAL REVISION

## EXPLODED DRAWINGS - ASSEMBLY OF PVC GUIDES

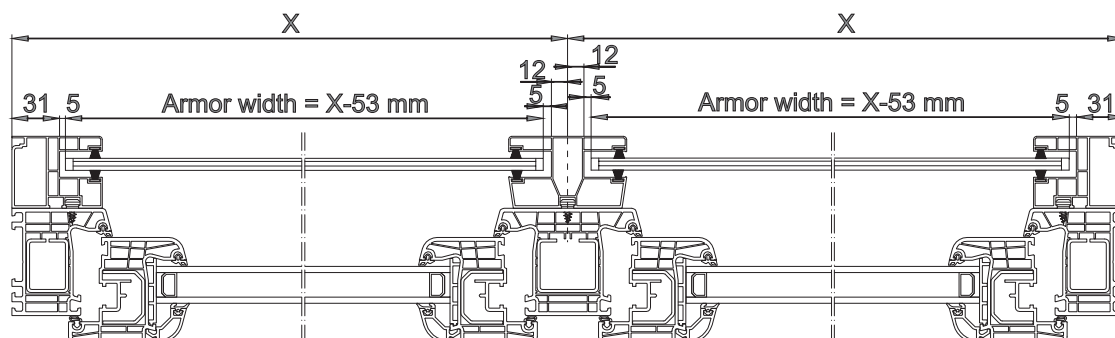
RSR-080 guide



Installation of the RSR-080 guide on the window frame



Installation of the RSR-080 guide and the RSR-090 division guide on the window frame



# TOP MOUNTED SHUTTER SN5000 WITH EXTERNAL REVISION



## EXTERNAL REVISION

**SN5000** with external inspection for customers expecting the best thermal parameters. Possible complete installation of the box. Access to the roller shutter through an external revision from the bottom of the box guarantees quiet operation of the roller shutter, high comfort of use and high aesthetic value.

### **AVAILABLE DRIVES:**

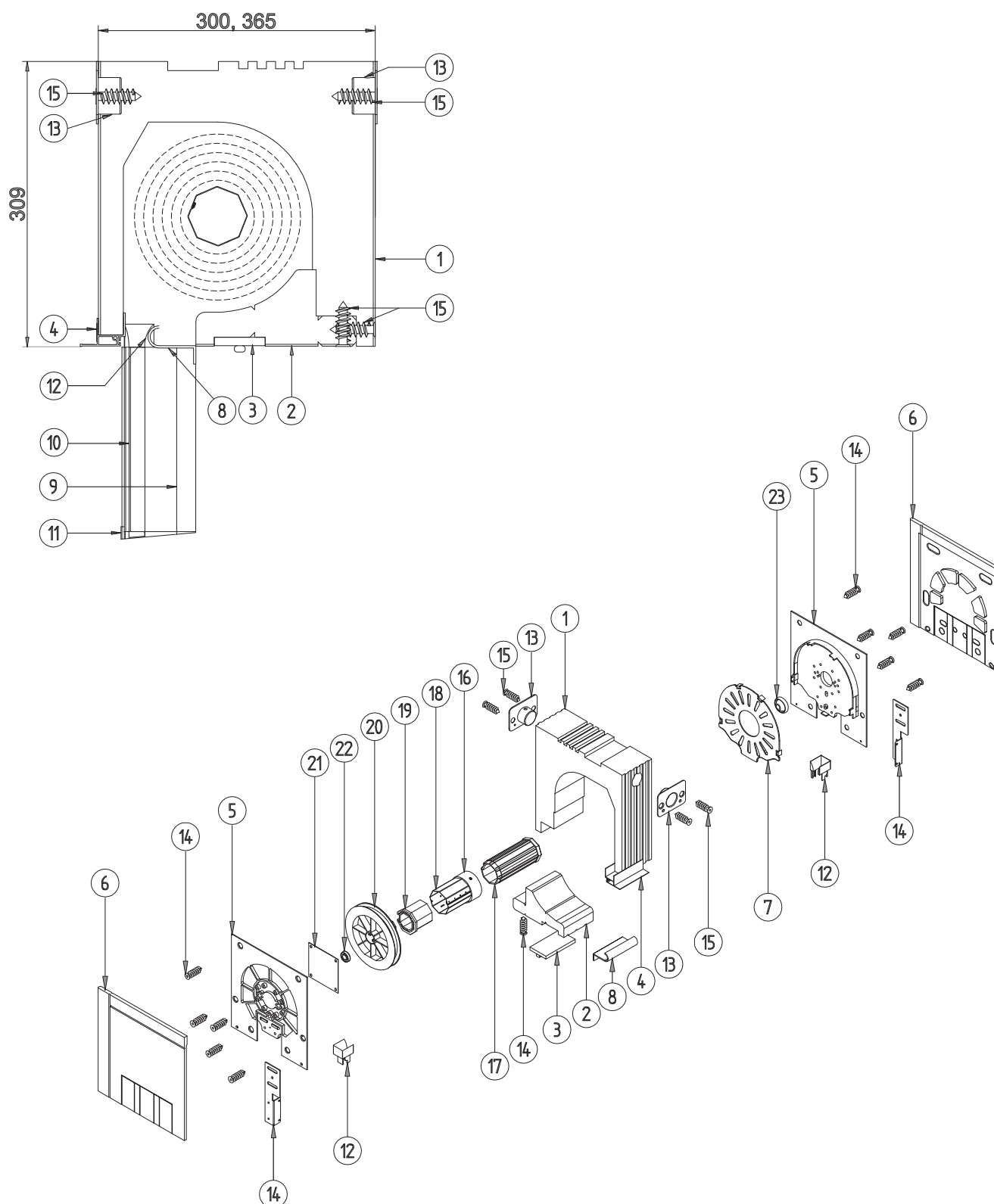
Spring + lock  
Motors

**Box 300 - maximum thickness of the window frame = 195mm**

**Box 365 - maximum thickness of the window frame = 255mm**

# TOP MOUNTED SHUTTER SN5000 WITH EXTERNAL REVISION

## BOX 300, 365 - CROSS SECTION AND PARTS LIST



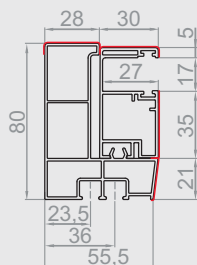
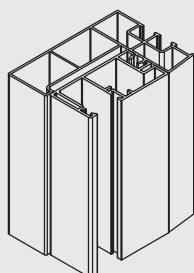


# TOP MOUNTED SHUTTER SN5000 WITH EXTERNAL REVISION

## BOX 300, 365 - CROSS SECTION AND PARTS LIST

1	RSS-020	Box 300x308
	RSS-030	Box 365x308
2	RSS-040	Bottom profile of the box for external inspection
3	RSC-030	Bottom fastening profile with an expansion tape
4	RSC-020	External PVC plaster strip
5	RSB-010 L/P	Side of the box for external inspection left / right
6	RSS-080 L/P	Side insulation left / right
7	RSD-280	Inner side cover
8	RSC-270	External inspection hatch
9	RSR-010	Guide bar adapter 28 mm
10	RSR-100	Single guide for external inspection PA 52
11	RSD-180 L/P	Bottom plug of the guides RSR-010/RSR-100 external revision PA 52, without mosquito net, adapter 28 mm
12	RSD-060 L/P	Slider for the guide for external revision PA 52
13	RSD-010	Ceiling bracket
14	RST-020 L/P	Steel side handle left / right
15	RSD-270	Plastic fixing screw 6,5x45
16	PZ 60/70	Increasing ring
17	OBS-60-PVC	PVC mounting with pipe mandrel ø 60
18	SW 60	Octagonal tube ø 60
19	RED-40-60	Reduction 40/60
20	KNO-40-205	Winding wheel 170
21	P-ACE	Plate for the mechanism ACE
22	LO 28/12	Bearing 28/12 to ALU and PVC ø 60
23	K-L40	Bearing 40/12

# TOP MOUNTED SHUTTER SN5000 WITH EXTERNAL REVISION ELEMENTS



## **RSR-010**

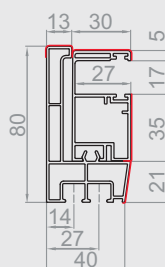
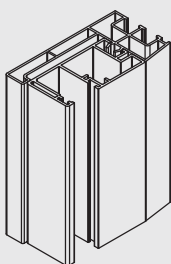
Guide bar adapter 28 mm with a single guide for external revision to the PA 52 profile

## **RSR-100**

28 mm guide bar adapter.

## **RSR-130**

Single guide for external revision to the PA 52 profile



## **RSR-060**

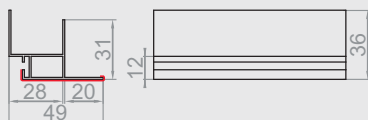
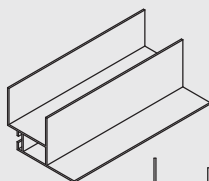
Guide bar adapter 12 mm with a single guide for external revision to the PA 52 profile

## **RSR-110**

12 mm guide bar adapter

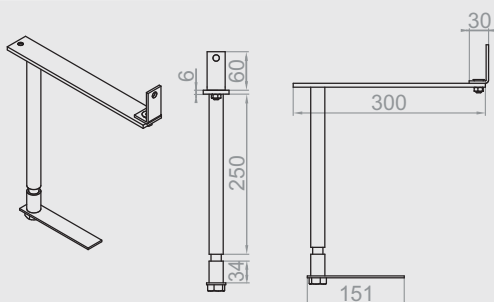
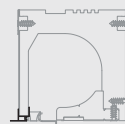
## **RSR-130**

Single guide for external revision to the PA 52 profile



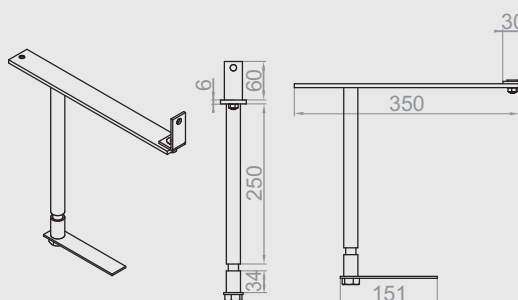
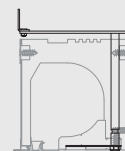
## **RSC-020**

External PVC plaster strip



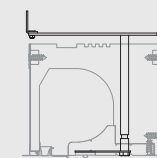
## **RSTK-020**

Static console for box 300 with access from the outside



## **RSTK-030**

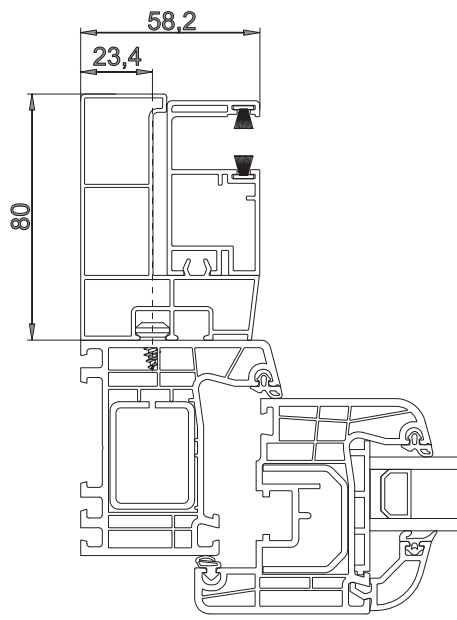
Static console for box 365 with access from the outside



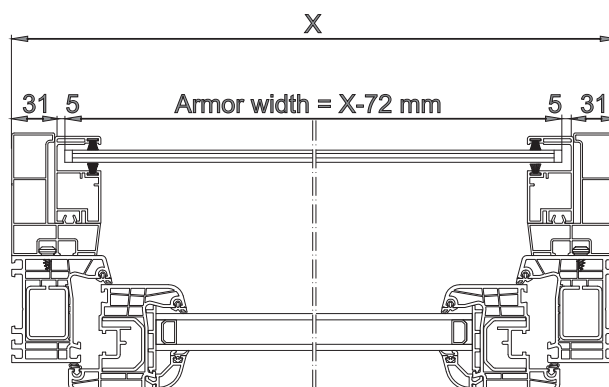
# TOP MOUNTED SHUTTER SN5000 WITH EXTERNAL REVISION

## EXPLODED DRAWINGS - ASSEMBLY OF PVC GUIDES

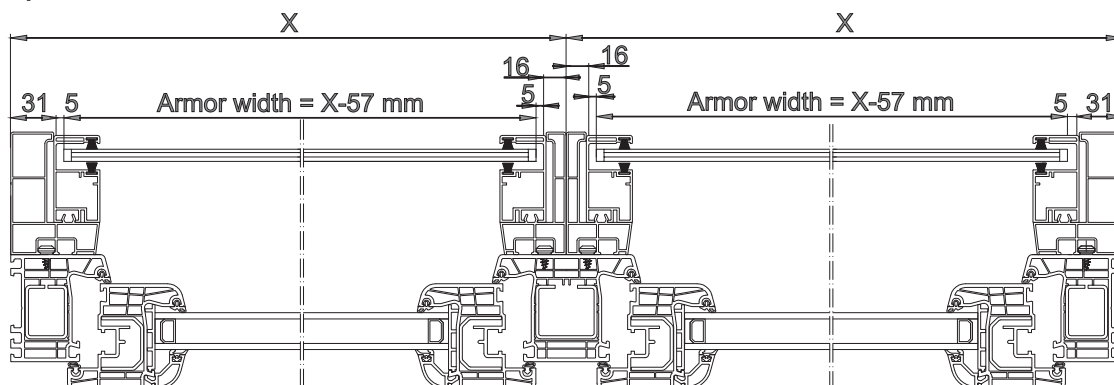
RSR-130 guide and RSR-100 adapter



Installation of the RSR-130 guide and the RSR-100 adapter on the window frame



Installation of the RSR-130 guide, RSR-100 adapter and on the division of two RSR-130 guides, RSR-110 adapters on the window frame



# TOP MOUNTED SHUTTER SN5000 WITH INTERNAL REVISION AND MOSQUITO NET



## INTERNAL REVISION with mosquito net

### **SN5000** with optional mosquito net

Innovative mechanism, dedicated to standard guides as well as two-piece guides.  
The mosquito net rolls at an even speed, which guarantees comfort of use.

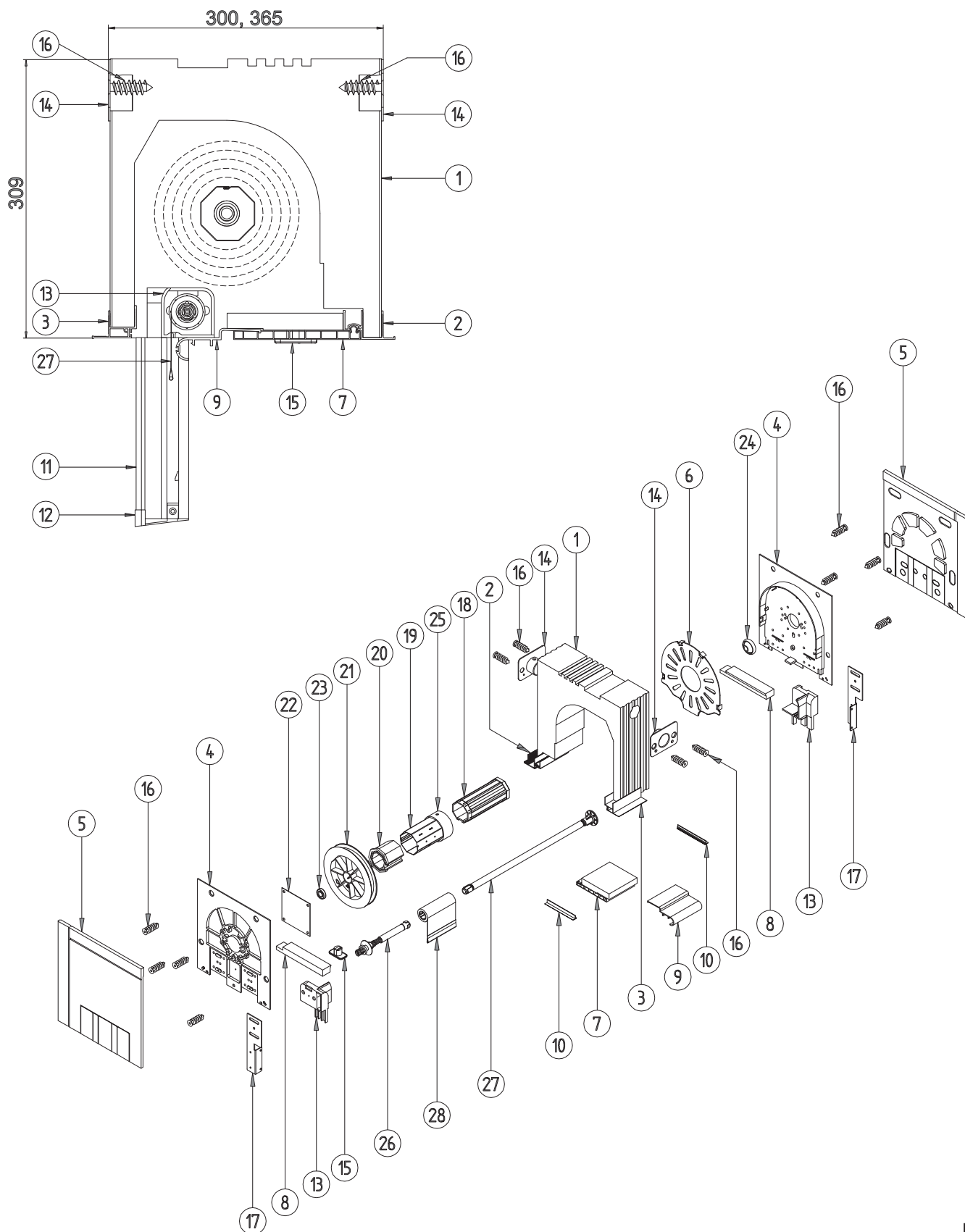
### **AVAILABLE DRIVES:**

Manual: Webbing - Crank Retractor - Crank  
Spring + lock  
Motors

**Maximum thickness of the window frame = 90mm**

# TOP MOUNTED SHUTTER SN5000 WITH INTERNAL REVISION AND MOSQUITO NET

## BOX 300, 365 - CROSS SECTION AND PARTS LIST

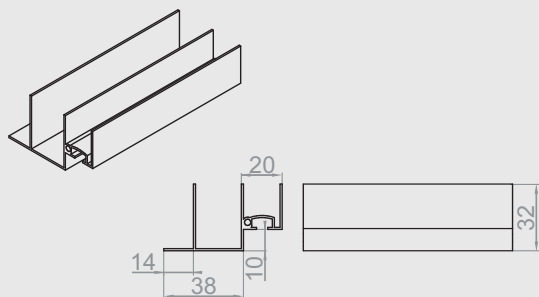


# TOP MOUNTED SHUTTER SN5000 WITH INTERNAL REVISION AND MOSQUITO NET

## BOX 300, 365 - CROSS SECTION AND PARTS LIST

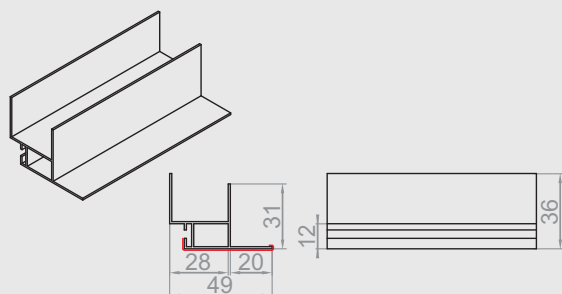
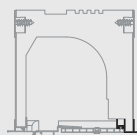
1	RSS-020	Box 300x308
	RSS-030	Box 365x308
2	RSC-010	Plaster strip PVC inside
3	RSC-020	Plaster strip PVC outside
4	RSB-020 L/P	Side of the box for revision from the inside left / right
5	RSS-080 L/P	Side insulation left / right
6	RSD-280	Inner side cover
7	RSC-040	Internal inspection cover 140 mm for box 300
	RSC-050	Internal inspection cover 150 mm for box 300
	RSC-060	Internal inspection cover 160 mm for box 300
	RSC-070	Internal inspection cover 200 mm for box 365
	RSC-080	Internal inspection cover 210 mm for box 365
	RSC-090	Internal inspection cover 220 mm for box 365
8	RSC-100 L/P	Inspection hatch adapter 30 mm left / right
	RSC-110 L/P	Inspection hatch adapter 38 mm left / right
	RSC-120 L/P	Inspection hatch adapter 70 mm left / right
	RSC-130 L/P	Inspection hatch adapter 100 mm left / right
	RSC-140 L/P	Inspection hatch adapter 30 mm for box 365 left / right
	RSC-150 L/P	Inspection hatch adapter 38 mm for box 365 left / right
	RSC-160 L/P	Inspection hatch adapter 70 mm for box 365 left / right
	RSC-170 L/P	Inspection hatch adapter 100 mm for box 365 left / right
9	RSC-300	Traverse 94 mm for a frame width of 60 to 70 mm
	RSC-310	Traverse 103 mm for a frame width of 71 to 80 mm
	RSC-320	Traverse 108 mm for a frame width of 81 to 90 mm
10	RSC-330	Profile sealing the inspection hatch
11	RSR-070	Single guide for internal revision with PA 52 mosquito net
12	RSD-240	Bottom guide plug RSR-070
13	RSD-090 L/P	Slider for the guide PA 52 with mosquito net left / right
14	RSD-010	Ceiling bracket
15	RSD-300	Tape grommet 14 mm for internal revision
16	RSD-270	Plastic fixing screw 6,5x45
17	RST-020 L/P	Steel side handle left / right
	RST-030 L/P	Steel side handle 70 mm left / right
	RST-040 L/P	Steel side handle 100 mm left / right
18	OBS-60-PVC	PVC mounting with pipe mandrel $\varnothing$ 60
19	SW 60	Octagonal tube $\varnothing$ 60
20	RED-40-60	Reduction 40/60
21	KNO-40-205	Winding wheel 170
22	P-ACE	Plate for the mechanism ACE
23	LO 28/12	Bearing 28/12 to ALU and PVC $\varnothing$ 60
24	K-L40	Bearing 40/12
25	PZ 60/70	Increasing ring
26	MKS-010	Mosquito net brake - part of the set
27	MKS-010	Spring 240 mosquito nets for top mounted shutters - an element of the set
28	MKS-010	Mosquito net on a tube 23,5 mm

# TOP MOUNTED SHUTTER SN5000 WITH INTERNAL REVISION AND MOSQUITO NET ELEMENTS



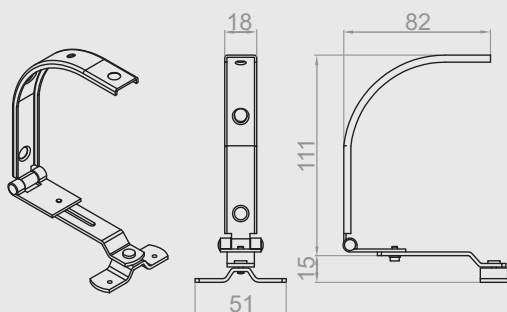
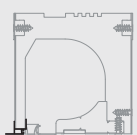
## **RSC-010**

Internal PVC plaster strip



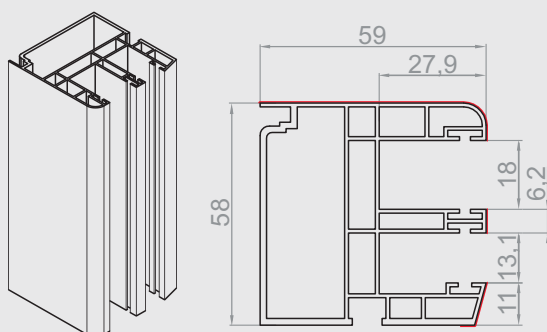
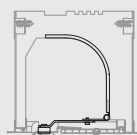
## **RSC-020**

External PVC plaster strip



## **RSTK-010**

Static console for the box with an inspection from the inside



## **RSR-070**

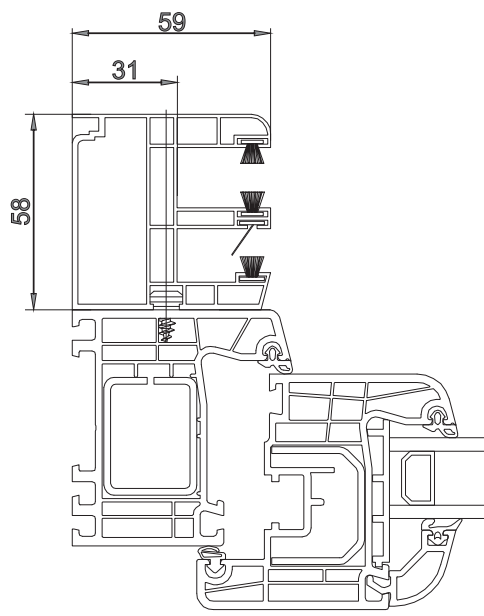
Single guide for internal revision with a mosquito net for the PA 52 profile



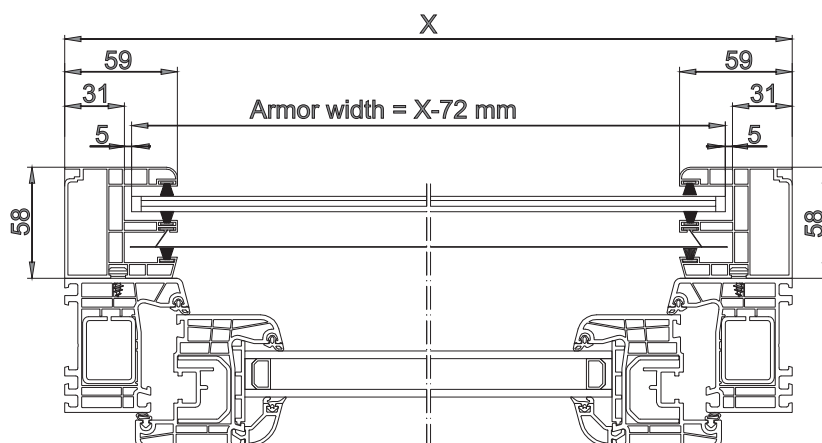
# TOP MOUNTED SHUTTER SN5000 WITH INTERNAL REVISION AND MOSQUITO NET

## EXPLODED DRAWINGS - ASSEMBLY OF PVC GUIDES

Guide with a mosquito net RSR-070



Installation of the RSR-070 mosquito net guide on the window frame



**ATTENTION**  
SHARED ROLLER SHUTTER + MOSQUITO  
DOES NOT TAKE INTO INSIDE REVISION

# TOP MOUNTED SHUTTER SN5000 WITH EXTERNAL REVISION AND MOSQUITO NET

## EXTERNAL REVISION with mosquito net



### **SN5000** with optional mosquito net

Innovative mechanism, dedicated to standard guides as well as two-piece guides.  
The mosquito net rolls at an even speed, which guarantees comfort of use.

#### **AVAILABLE DRIVES:**

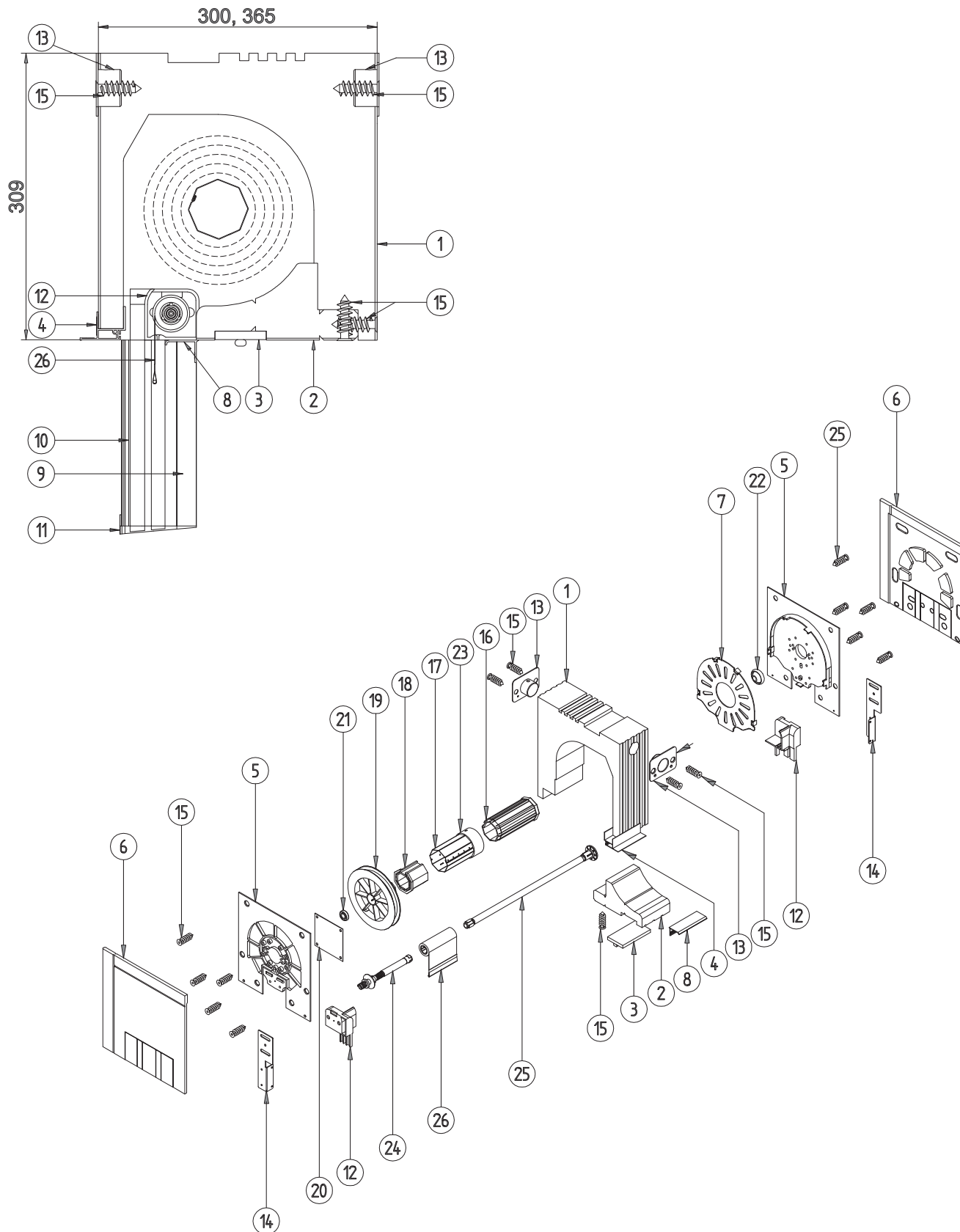
Spring + lock  
Motors

**Box 300 - maximum thickness of the window frame = 195mm**

**Box 365 - maximum thickness of the window frame = 255mm**

# TOP MOUNTED SHUTTER SN5000 WITH EXTERNAL REVISION AND MOSQUITO NET

## BOX 300, 365 - CROSS SECTION AND PARTS LIST

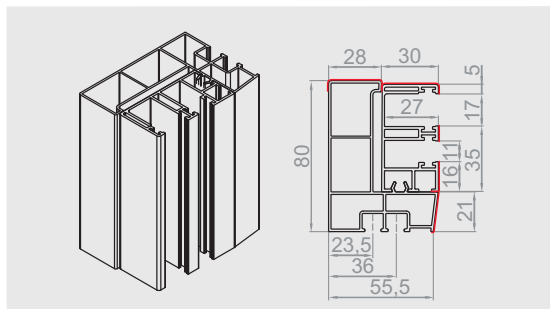


# TOP MOUNTED SHUTTER SN5000 WITH EXTERNAL REVISION AND MOSQUITO NET

## BOX 300, 365 - CROSS SECTION AND PARTS LIST

1	RSS-020	Box 300x308
	RSS-030	Box 365x308
2	RSS-040	Bottom profile of the box for external inspection
3	RSC-030	Bottom fastening profile with an expansion tape
4	RSC-020	External PVC plaster strip
5	RSB-010 L/P.	Side of the box for external inspection left / right
6	RSS-080 L/P.	Left / right side insulation
7	RSD-280	Inner side cover
8	RSC-280	External inspection cover for a shutter with a mosquito net
9	RSR-010	Guide bar adapter 28 mm
10	RSR-100	Single guide for external inspection PA 52
11	RSD-200 L/P.	Lower plug of the RSR-060 / RSR-050 guides
		PA 52 external inspection, with mosquito net, adapter 28 mm
12	RSD-070 L/P.	Slider for the PA52 external revision guide with a mosquito net
13	RSD-010	Ceiling bracket
14	RST-020 L/P.	Steel side handle left / right
15	RSD-270	Plastic fixing screw 6,5x45
16	OBS-60-PVC	PVC mounting with pin for ø60 pipe
17	SW 60	Octagonal tube ø 60
18	RED-40-60	Reduction 40/60
19	KNO-40-205	Winding wheel 170
20	P-ACE	Plate for the ACE mechanism
21	LO 28/12	Bearing 28/12 to ALU and PVC ø 60
22	K-L40	Bearing 40/12
23	PZ 60/70	Increasing ring
24	MKS-020	Mosquito net brake - part of the set
25	MKS-020	Spring 350 of the mosquito net for the top mounted roller shutter - part of the set
26	MKS-020	Mosquito net on a 23,5 mm tube

# TOP MOUNTED SHUTTER SN5000 WITH EXTERNAL REVISION AND MOSQUITO NET ELEMENTS



## **RSR-020**

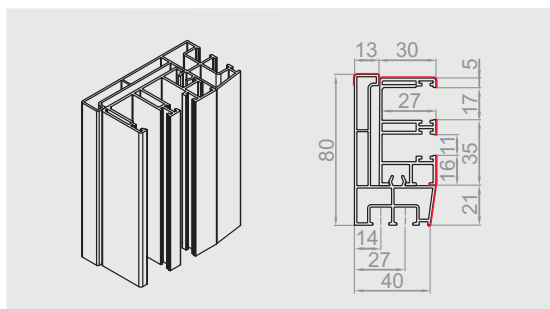
Adapter for a 28 mm guide rail with a single guide for external revision with a mosquito net for the PA 52 profile

## **RSR-100**

28 mm guide bar adapter

## **RSR-120**

Single guide rail for external revision with mosquito net for the PA 52 profile



## **RSR-050**

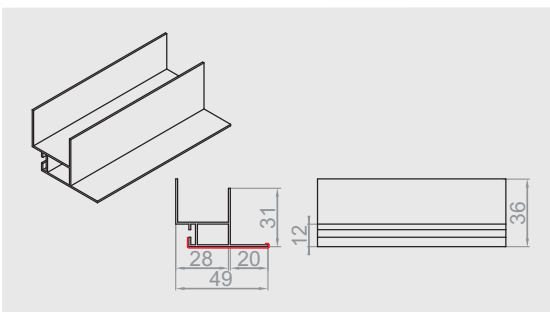
Adapter for a 12 mm guide rail with a single guide for external revision with a mosquito net for the PA 52 profile

## **RSR-110**

12 mm guide bar adapter

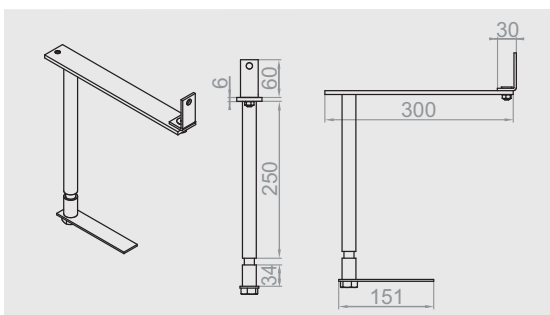
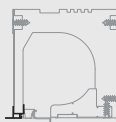
## **RSR-120**

Single guide for external revision with a mosquito net for the PA 52 profile



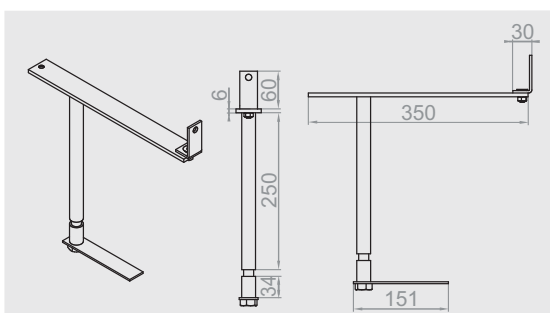
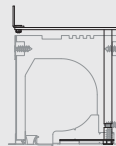
## **RSC-020**

External PVC plaster strip



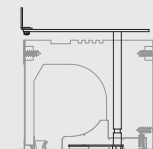
## **RSTK-020**

Static console for box 300 with access from the outside



## **RSTK-030**

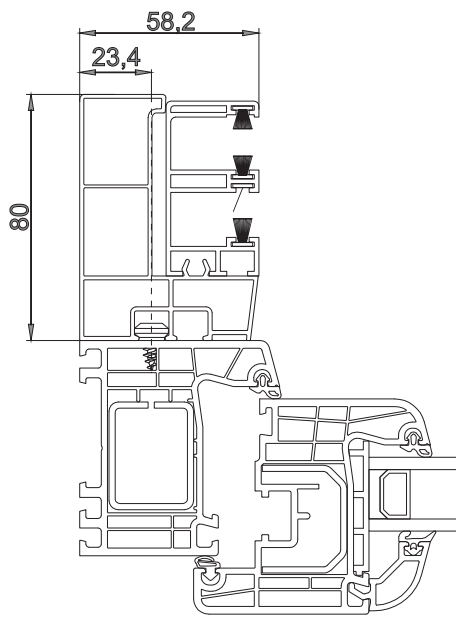
Static console for box 365 with access from the outside



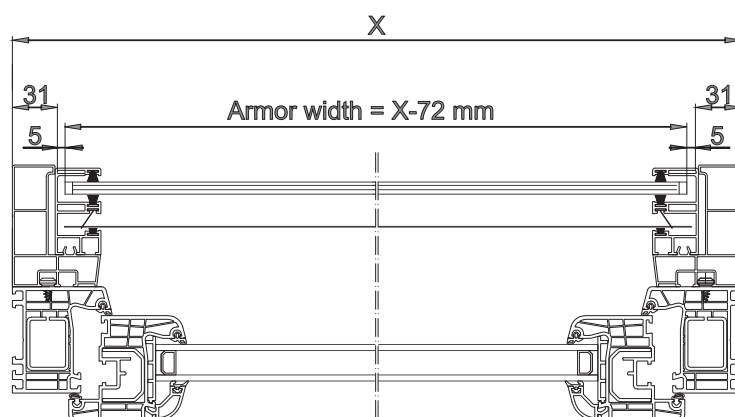
# TOP MOUNTED SHUTTER SN5000 WITH EXTERNAL REVISION AND MOSQUITO NET

## EXPLODED DRAWINGS - ASSEMBLY OF PVC GUIDES

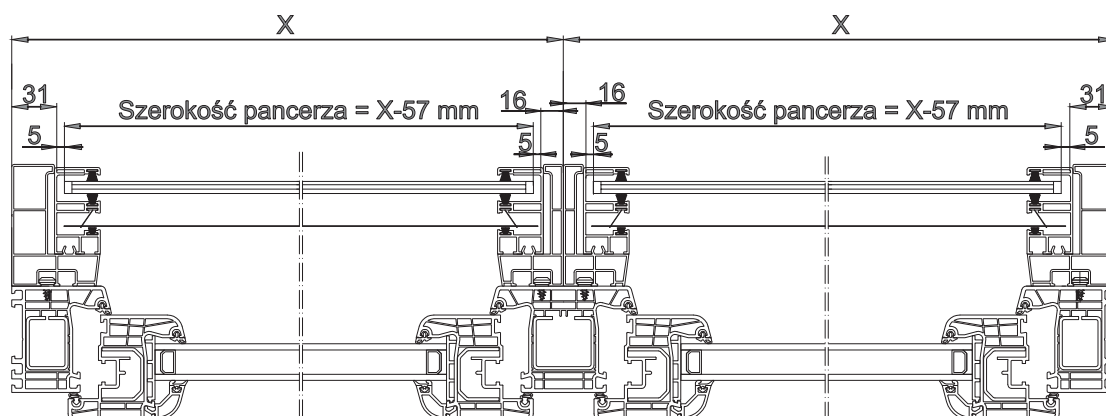
Guide with a mosquito net RSR-120 and an RSR-100 adapter



Installation of the RSR-120 mosquito net guide and RSR-100 adapter on the window frame



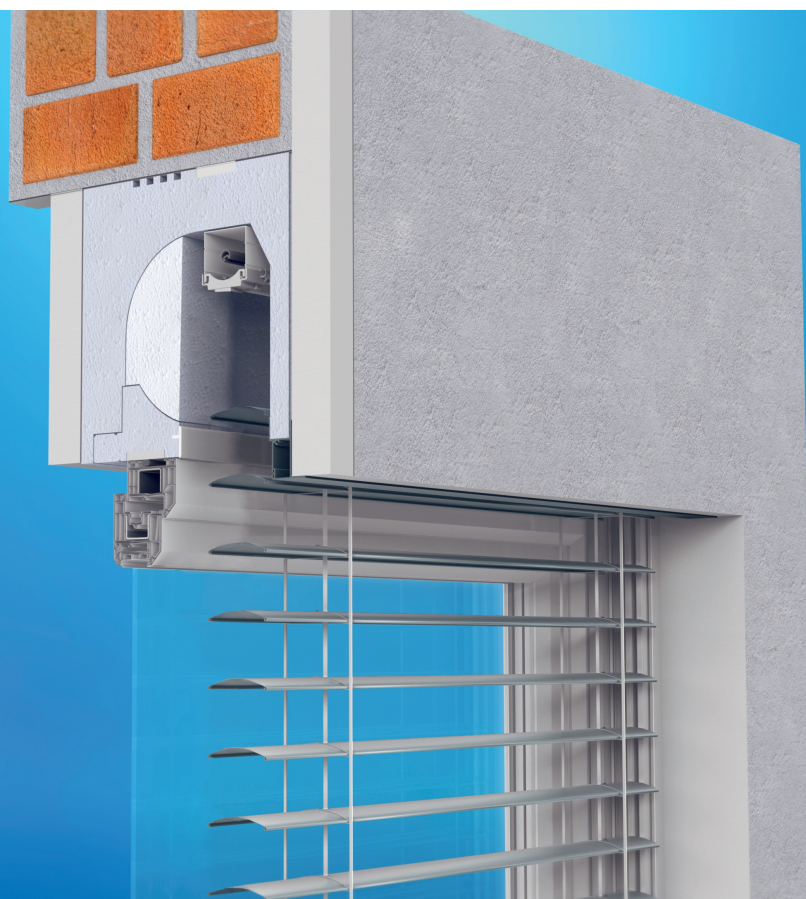
Installation of the guide with a mosquito net RSR-120, adapter RSR-100 and on the division of two guides RSR-120, adapters RSR-110 on the window frame





# TOP MOUNTED SHUTTER SN5000 WITH FACADE SHUTTER

## FACADE SHUTTER



### **SN5000** with facade shutter

Maintaining thermal parameters with a modern design and a blind hidden in the wall. All this thanks to the possible construction of the box on both sides and slender two-part guides.

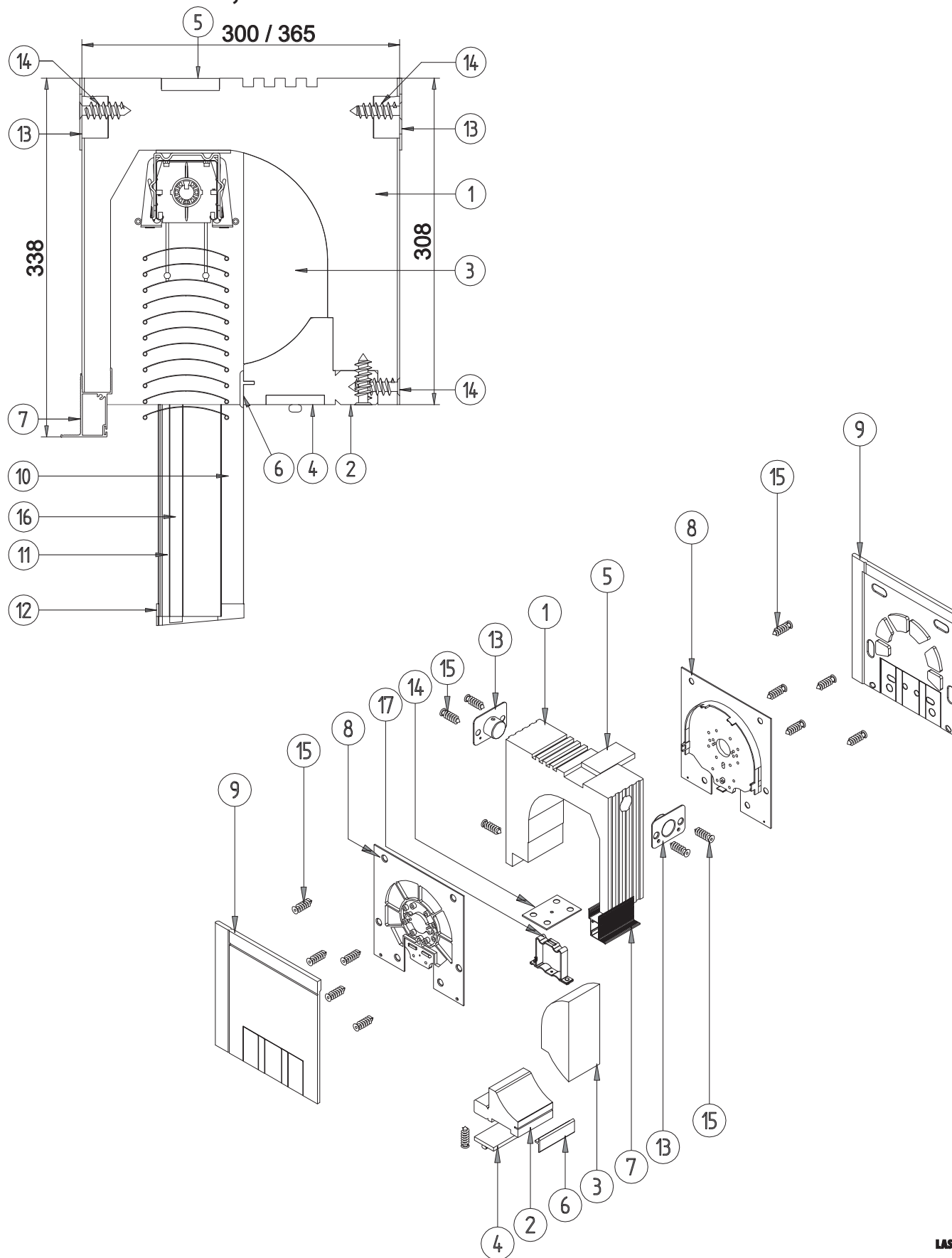
**Box 300 - maximum thickness of the window frame = 150mm**

**Box 365 - maximum thickness of the window frame = 210mm**



# TOP MOUNTED SHUTTER SN5000 WITH FACADE SHUTTER

## BOX 300, 365 - CROSS SECTION AND PARTS LIST



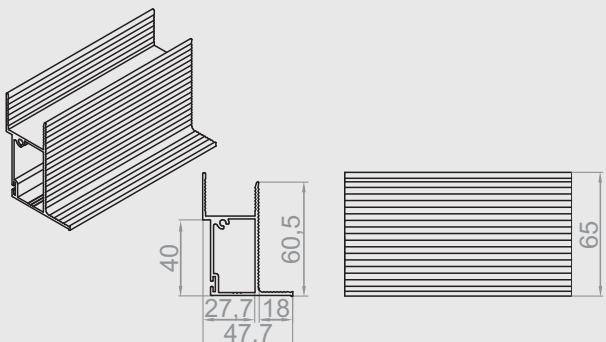
# TOP MOUNTED SHUTTER SN5000 WITH FACADE SHUTTER

## CROSS SECTION AND PARTS LIST

1	RSS-020	Box 300/365x308
2	RSS-150	Bottom profile of the box for external venetian blinds
3	RSS-070	Filling the box for facade blinds
4	RSC-030	Bottom fastening profile with an expansion tape
5	RSC-180	Top mounting profile for external venetian blinds
6	RSC-290	Profile masking the polystyrene insert for the facade shutter
7	RSL-010	ALU plaster strip for facade blinds
8	RSB-010	The side of the box for inspection from the outside
9	RSS-080 L/P	Left / right side insulation
10	RSR-010	Guide bar adapter 28 mm
11	RSR-110	Single guide for external revision for external venetian blind
12	RSD-140	Lower plug of the RSR-010 / RSR-020 guides
13	RSD-010	Ceiling bracket
14	RSD-320	Mounting plate 100x70 for external venetian blinds
15	RSD-270	Plastic 6.5x45 fixing screw
16	RSC-340	The contribution of the guide for the external venetian blind
17	F-USG	Top rail holder

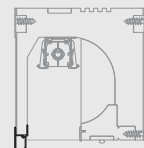
# TOP MOUNTED SHUTTER SN5000

## WITH FACADE SHUTTER ELEMENTS



### **RSL-010**

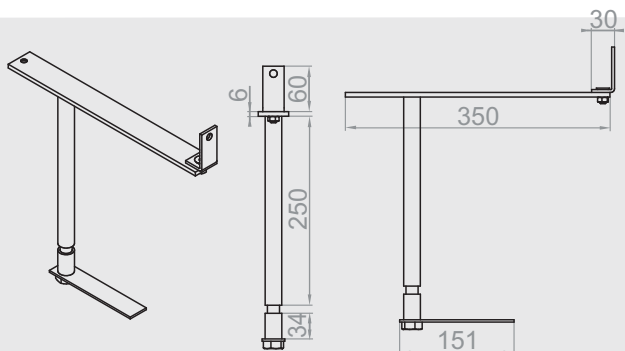
External aluminum plaster strip for facade blinds  
- at an additional charge



Max.  
6mb

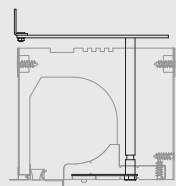
ALU

1mb  
0,43kg



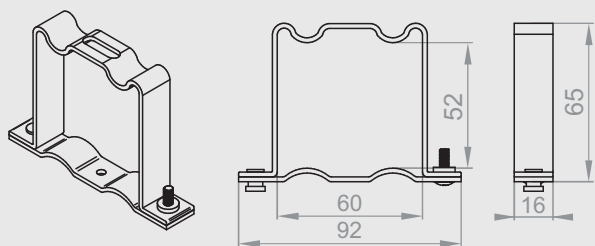
### **RSTK-030**

Static console for 365 box with external access  
- for an extra charge



STAL

1szt  
1,49kg



### **F-USG**

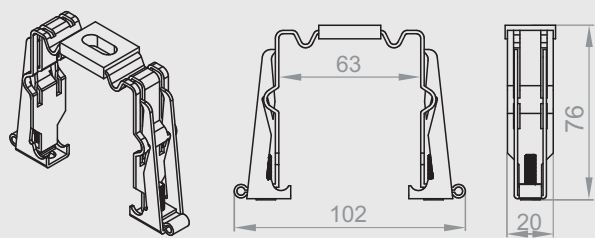
Top rail holder - standard

C80

1szt  
0,078kg

Z90

STAL



### **F-USG-A**

Automatic upper rail holder - at an extra charge

C80

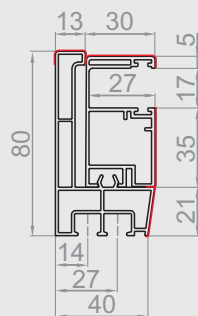
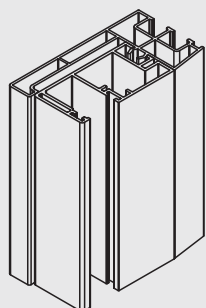
1szt  
0,08kg

Z90

STAL

# TOP MOUNTED SHUTTER SN5000

## WITH FACADE SHUTTER ELEMENTS



### **RSR-060**

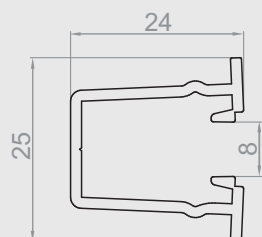
Adapter for a 12 mm guide rail with a single guide for external revision to the PA 52 profile

### **RSR-110**

12 mm guide bar adapter

### **RSR-130**

Single guide for external revision to the PA 52 profile



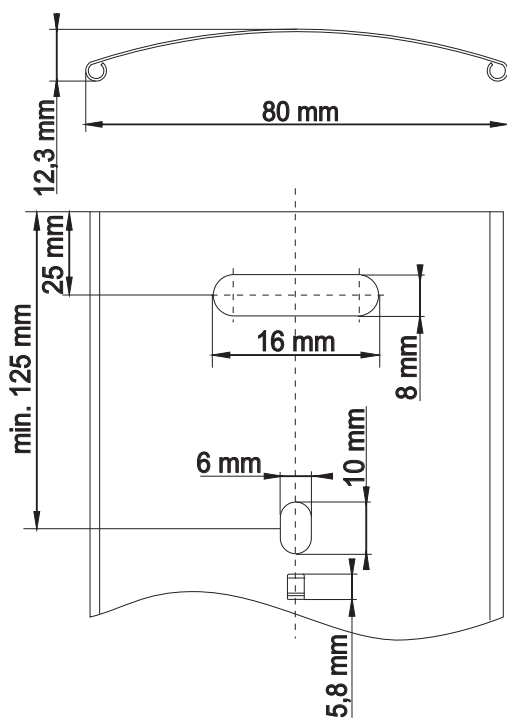
### **RSC-340**

The insert of the guide for the facade blinds

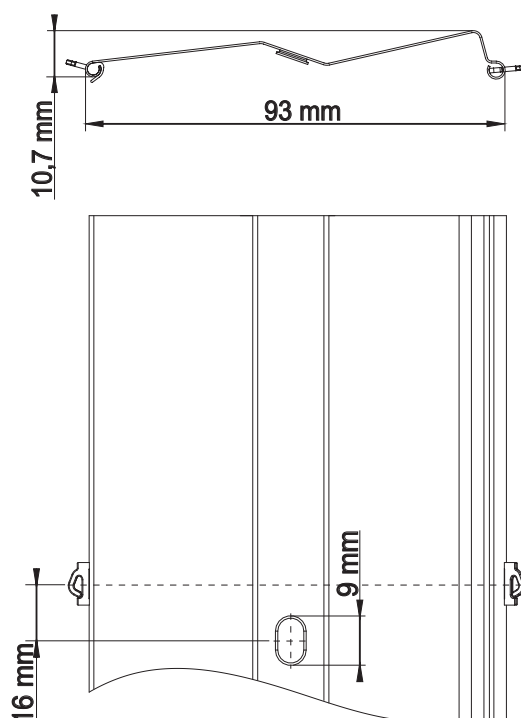


# TOP MOUNTED SHUTTER SN5000 WITH FACADE SHUTTER LAMELES

## Lamela C80



## Lamela Z90



### COLORS



WHITE  
RAL 9016



BEIGE  
VSR 240



LIGHT GREY  
RAL 7035



SILVER  
RAL 9006



STEEL  
ANTHRACITE  
DB 703



ANTHRACITE  
RAL 7016



DARK  
ANTHRACITE  
RAL 7021



GRAY  
ALUMINIUM  
RAL 9007



OLIVE  
VSR 780



BLACK  
RAL 9005

# FRONT MOUNTED SHUTTERS ALUMINIUM

## STANDARD ST2000

+ OPTION WITH MOSQUITO NET



## INTERMO IT2000

+ OPTION WITH MOSQUITO NET



## ROLLOLUX RL2000

+ OPTION WITH MOSQUITO NET



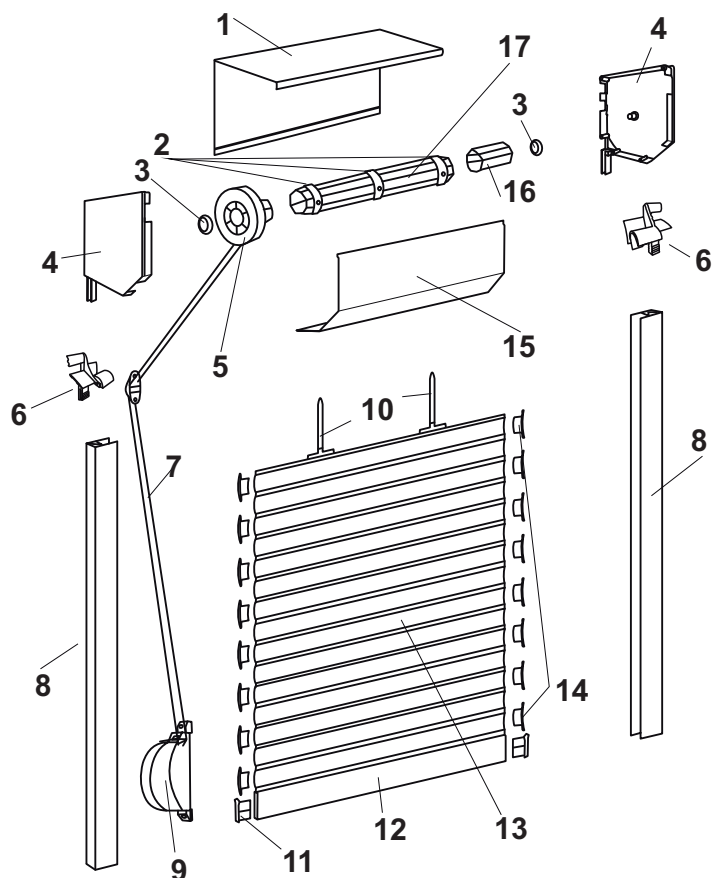
## OMEGA-LUX OL2000

+ OPTION WITH MOSQUITO NET





# FRONT MOUNTED SHUTTERS - STANDARD



1. Aluminium case
2. Expansion rings
3. Bearing
4. Side of the case
5. Wheel of the roller tube
6. Lider of bladers
7. Tape
8. Shutter guide
9. Tape roller
10. Hooks
11. Bottom lath cape
12. Bottom lath
13. Aluminium or PVC blades
14. Lock (clips)
15. Inspection hatch
16. Pipe-mounting collar
17. Roller tube

## STANDARD EQUIPMENT

- Shutter Case + Guide + Bottom lath - in colours:

- White (02)
- Dark brown (08)
- Brown (09)
- Grey (03)
- Beige (05)
- Silver (01)
- Ivory (16)

- Aluminium or PVC blades Pa39, Pa45, PVC37, PVC45 available in all colours form page 109
- Tape box for up to 5 m of tape or cord (roller) available in white colour (brown upon request)
- Number of holes in guide - gratuitous on customer's application.

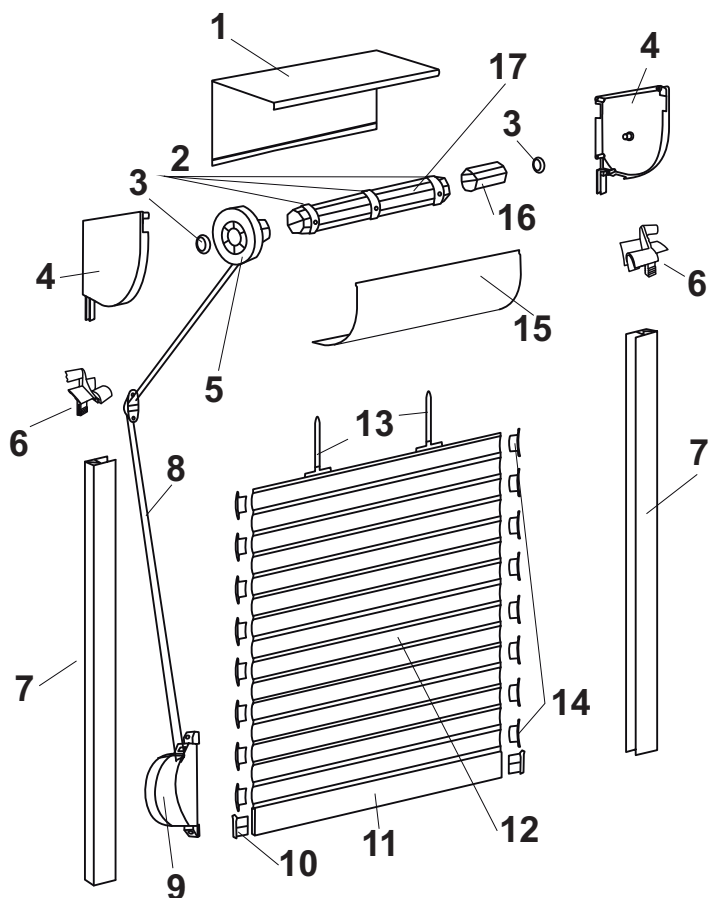


## ADDITIONAL INFORMATION

ATTAINABLE SIZES OF CASE : 137 - 150 - 165 - 180 - 205

FRONT MOUNTED SHUTTERS - STANDARD - ATTAINABLE ALSO WITH MOSQUITO NET

# FRONT MOUNTED SHUTTERS - ROLLOLUX



1. Aluminium case
2. Expansion rings
3. Bearing
4. Side of the case
5. Wheel of the roller tube
6. Linder of blades
7. Shutter guide
8. Tape
9. Tape roller
10. Bottom lath cape
11. Bottom lath
12. Aluminium or PVC blades
13. Hooks
14. Lock (clips)
15. Inspection hatch
16. Pipe-mounting collar
17. Roller tube



## STANDARD EQUIPMENT

- Shutter Case + Guide + Bottom lath - in colours:

- White (02)
- Dark brown (08)
- Brown (09)
- Grey (03)
- Beige (05)
- Silver (01)
- Ivory (16)

- Aluminium or PVC blades Pa39, Pa45, PVC37, PVC45 available in all colours from page 109

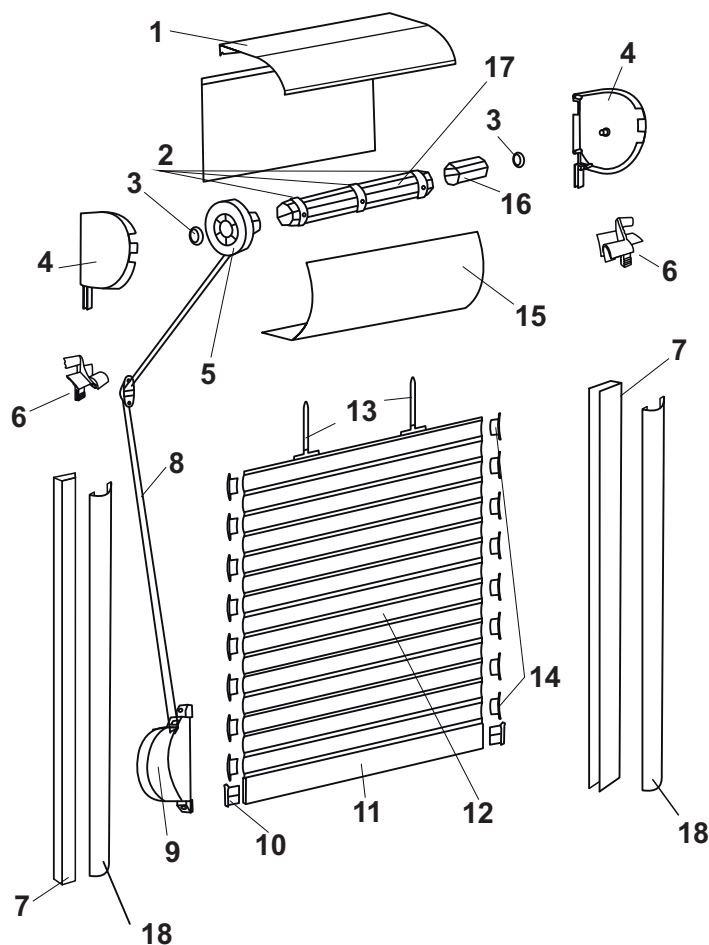
- Tape box for up to 5 m of tape or cord (roller) available in white colour (brown upon request)

- Number of holes in guide - gratuitous on customer's application.

## ADDITIONAL INFORMATION

ATTAINABLE SIZES OF CASE : 150 - 180 - 205

FRONT MOUNTED SHUTTERS - ROLLOLUX - ATTAINABLE ALSO WITH MOSQUITO NET



1. Aluminium case
2. Expansion rings
3. Bearing
4. Side of the case
5. Wheel of the roller tube
6. Linder of bladers
7. Shutter guide
8. Tape
9. Tape roller
10. Bottom lath cape
11. Bottom lath
12. Aluminium or PVC blades
13. Hooks
14. Lock (clips)
15. Inspection hatch
16. Pipe-mounting collar
17. Roller tube
18. Half-round lap



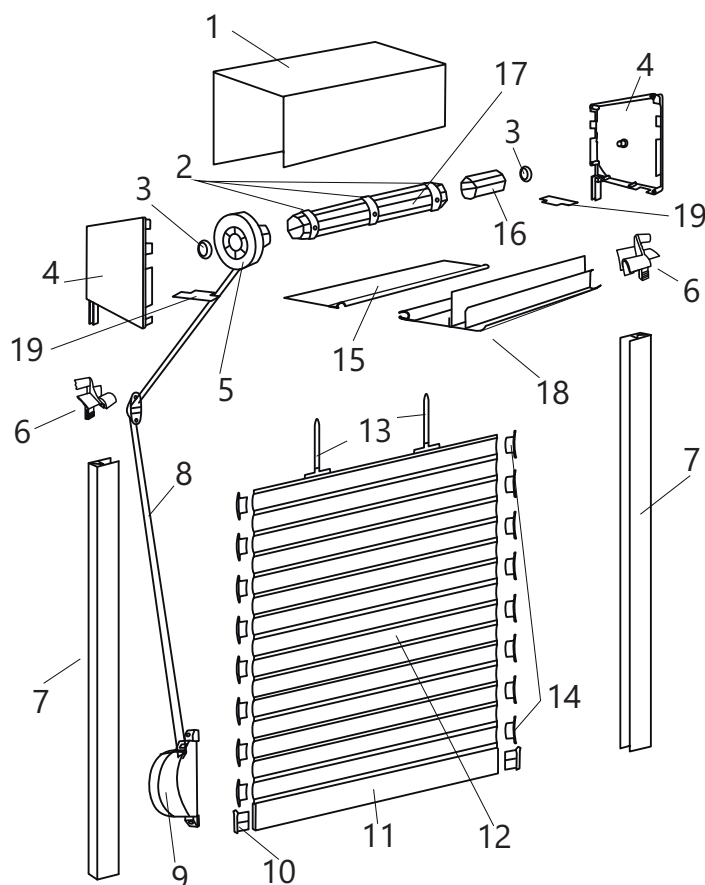
## STANDARD EQUIPMENT

- Shutter Case + Guide + Bottom lath - in colours:  
White (02)  
Dark brown (08)  
Brown (09)
- Aluminium or PVC blades Pa39, Pa45, PVC37, PVC45  
- available in all colours from page 109
- Tape box for up to 5 m of tape or cord (roller)  
- available in white colour (brown upon request)
- Number of holes in guide - gratuitous on customer's application.

## ADDITIONAL INFORMATION

ATTAINABLE SIZES OF CASE : 137 - 165 - 180 - 205

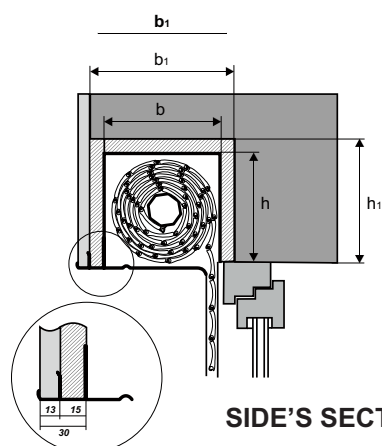
FRONT MOUNTED SHUTTERS - OMEGA-LUX - ATTAINABLE ALSO WITH MOSQUITO NET



1. Aluminium case
2. Expansion rings
3. Bearing
4. Side of the case
5. Lid of bladers
6. Wheel of the roller tube
7. Shutter guide
8. Tape
9. Tape roller
10. Bottom lath cap
11. Bottom lath
12. Aluminium or PVC blades
13. Hooks
14. Lock (clips)
15. Inspection hatch
16. Pipe-mounting collar
17. Roller tube
18. Board
19. Sparring board

## STANDARD EQUIPMENT

- Aluminium shutter case (top) & sides of the case - raw (not painted)
- Inspection hatch, bar and guides - in colours:
  - White (02)
  - Dark brown (08)
  - Brown (09)
  - Grey (03)
  - Beige (05)
  - Silver (01)
  - Ivory (16)
- Aluminium blades PA39 or PA45 available in all colours from page 109
- Tape box for up to 5 m of tape or cord (roller) available in white colour (brown upon request)
- Number of holes in guide - gratuitous on customer's application.

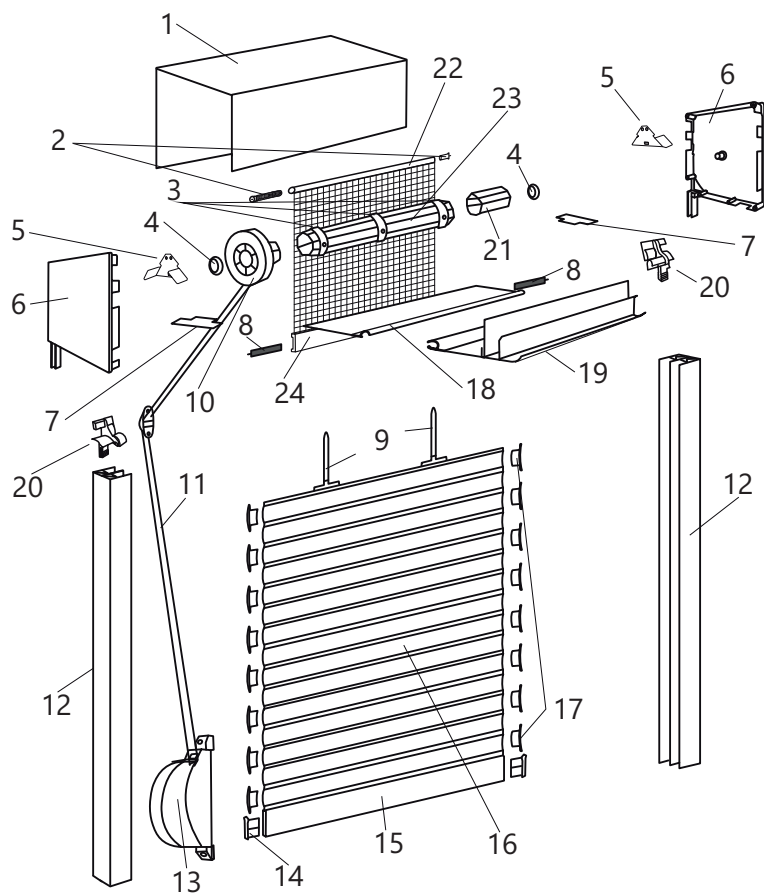


SIDE'S SECTION

## CASE'S SIZES

h=b	b <sub>1</sub> min	h <sub>1</sub> min
137	180	160
165	205	185
180	220	200
205	245	225

# FRONT MOUNTED SHUTTERS - INTERMO WITH MOSQUITO NET

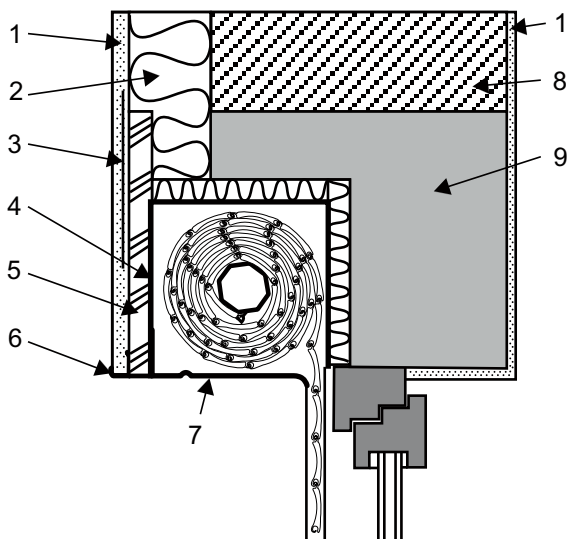


1. Aluminium case
2. Spring mechanism of mosquito net
3. Expansion rings
4. Bearing
5. Handle for mosquito net
6. Side of the case
7. Spacing board
8. Bolt
9. Hooks
10. Lider of bladers
11. Tape
12. Shutter guide
13. Tape roller
14. Bottom lath cap
15. Bottom lath
16. Aluminium or PVC blades
17. Lock (clips)
18. Inspection hatch
19. Board
20. Wheel of the roller tube
21. Pipe-mounting collar
22. Mosquito net
23. Roller tube
24. Bottom lath -mosquito net

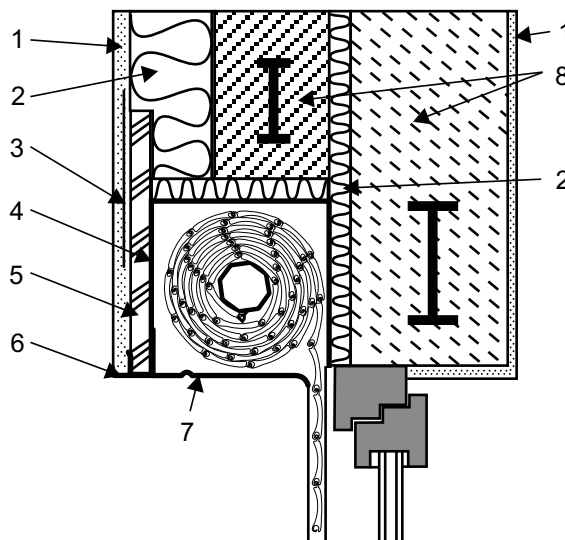


# FRONT MOUNTED SHUTTERS - INTERMO MEANS OF SET-UP

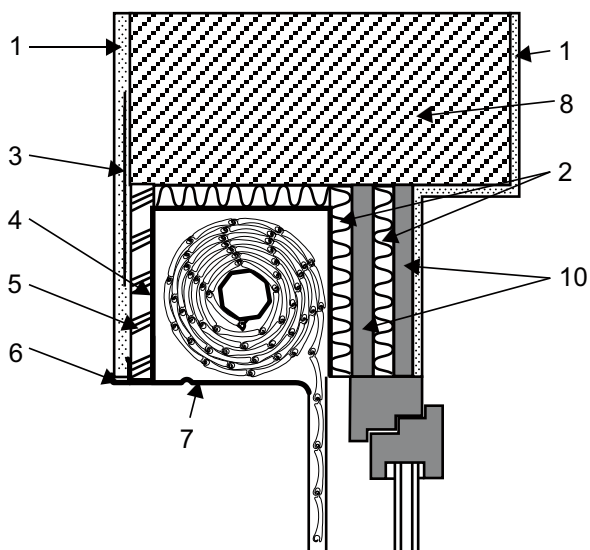
**\*Shutter Case built in during wall's building**



**\*Shutter Case built in changed platband of extant wall.**



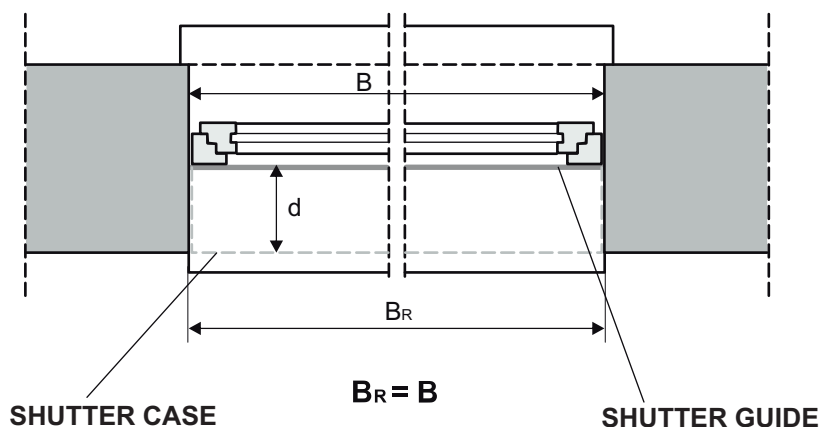
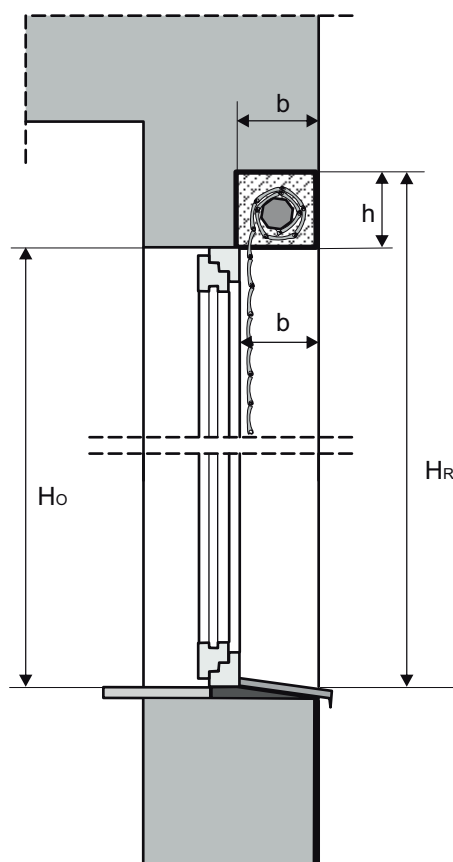
**\*Shutter Case built in extant platband.**



- 1 - plaster
- 2 - warm-up
- 3 - plaster net
- 4 - aluminium shutter case (top)
- 5 - board of wooden wool
- 6 - plaster lath of case
- 7 - inspection hatch
- 8 - platband's construction
- 9 - cell beton
- 10 - window's fulfillment

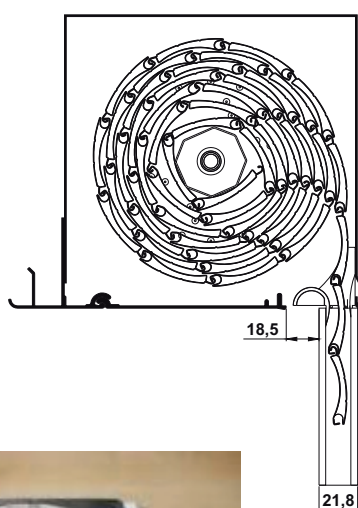


# FRONT MOUNTED SHUTTERS - INTERMO MEANS OF SET-UP AND MEASUREMENT

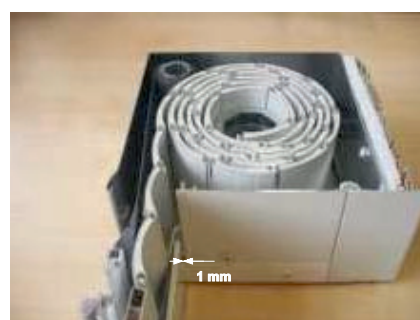
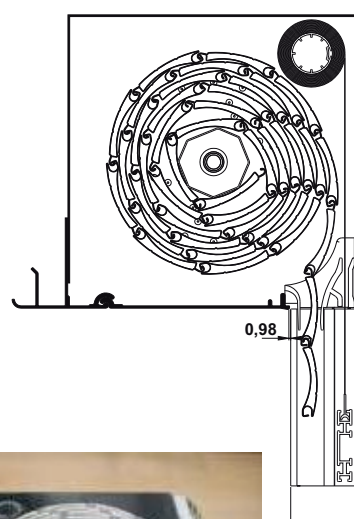


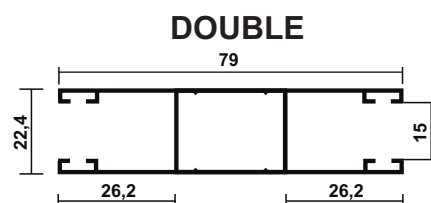
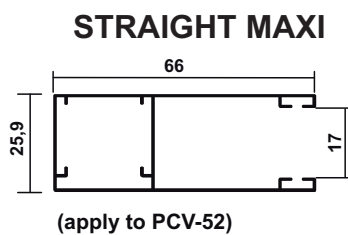
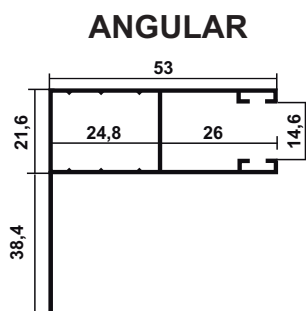
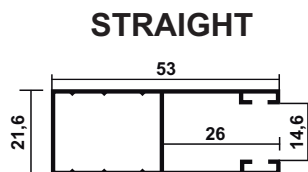
**HR** - shutter's height  
**Ho** - window's height  
**BR** - shutter's width  
**B** - window's width  
**h** - shutter case's height  
**b** - shutter case's depth  
**b1** - min. width for case's hole  
**h1** - min. height for case's hole

INTERMO

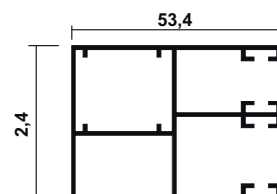


INTERMO WITH MOSQUITO NET



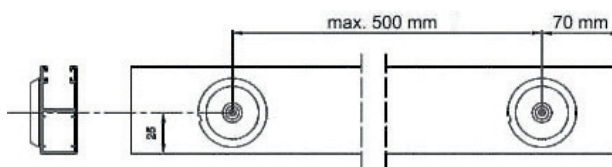
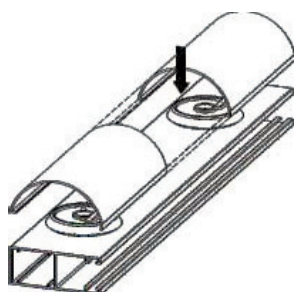


## STRAIGHT FOR SHUTTER WITH MOSQUITO NET



apply to PCV37, PA-39, PA-45

## HALF ROUND LAP FOR GUIDE - MEANS OF FIXING

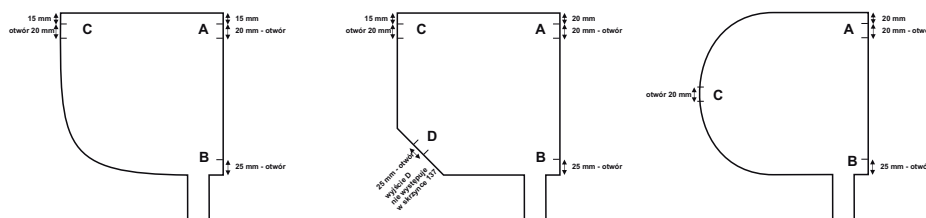
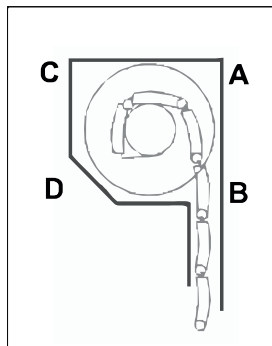


**Drill holes in the guide using a 3 mm drill bit.  
Secure the latch with a 3.5 x 9.5 mm screw provided in the set.**

# FRONT MOUNTED SHUTTERS

## NECESSARY INFORMATION BY ORDERING

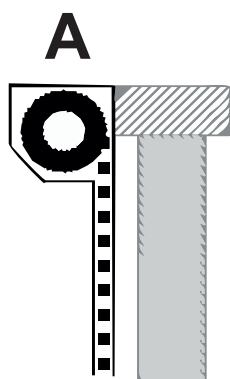
### 1) OUTPUT: TAPE/CORD



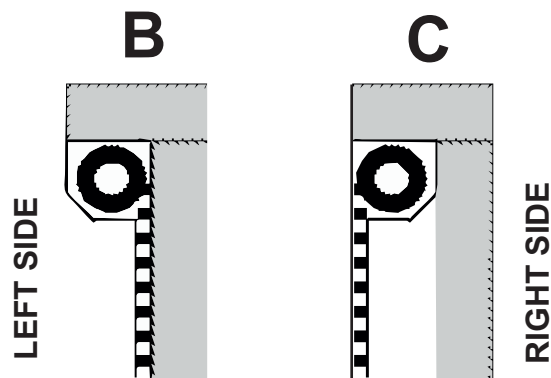
If the side of shutter's band hasn't been specified , it's accepted TYPE B - by shutters A and B, TYPE C - by shutter C

### 2) ROLLER SHUTTER TYPE

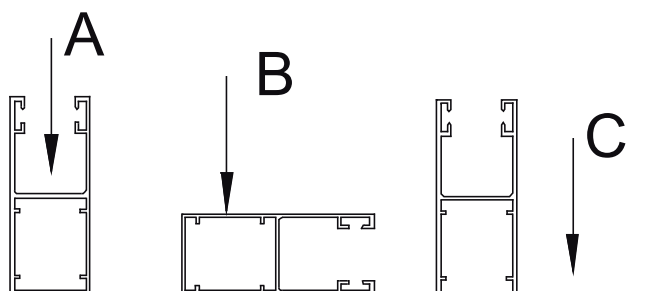
#### ON THE WALL



#### IN THE BAY



### 3) GUIDE DRILLING TYPE



**TAPE ROLLER**



**BOX WITH CORD TRANSMISSION  
MIGNON CRANK (12-20KG)**



**SPRING WINDING MECHANISM**



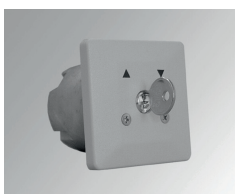
**CRANKING MECHANISM FOR WINDING  
SHUTTERS UP TO 22 KG**



**ELECTRIC ENGINE DRIVE**



**somfy®**



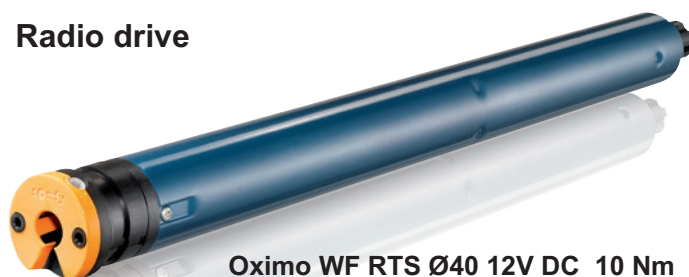
# SET - RADIO DRIVE WITH SOLAR POWER SUPPLY

**somfy®**

## Oximo WireFree RTS



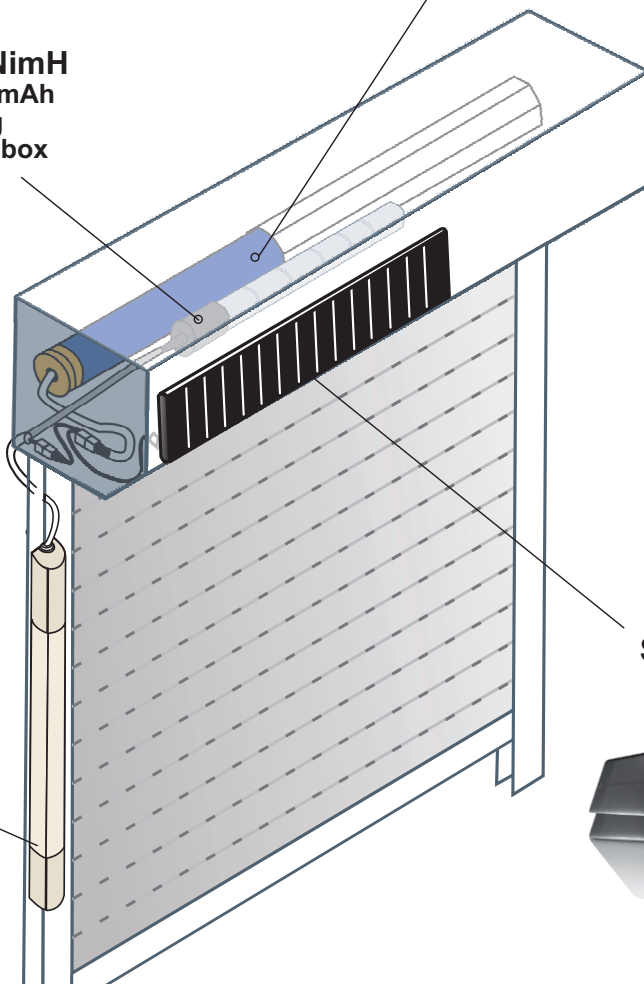
Radio drive



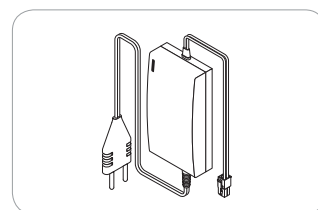
Oximo WF RTS Ø40 12V DC 10 Nm



**Accumulator NimH**  
Capacity : 2200 mAh  
without a casing  
assembly in the box

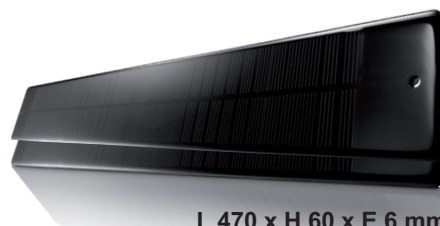


**Accumulator**  
additional in the casing  
option - not included !!  
ART.9015004



**Backup Power**  
option - not included !!  
ART.9015006

Solar panel

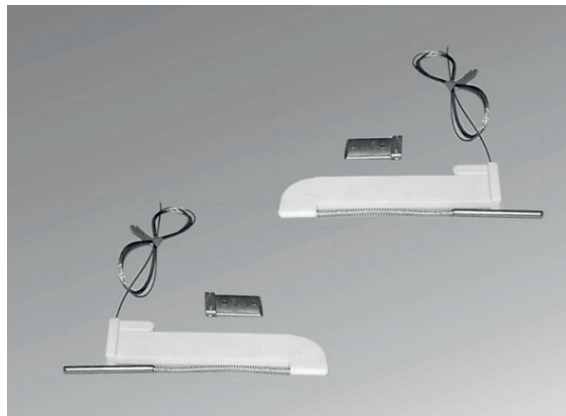


L 470 x H 60 x E 6 mm  
Technologies : Monocristallin

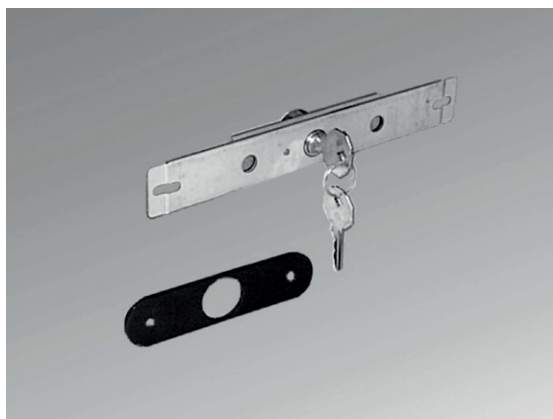




**SET OF BOLTS IN BOTTOM  
LATH MIN. SHUTTER WIDTH 45**



**AUTOMATIC BOLT**



**MULTIPOINT LOCK IN BOTTOM LATH + SET OF 2  
KEYS  
MASKING PANEL AVAILABLE IN WHITE AND BROWN**



**BLOCKADE HOOK  
(FOR ELECTRICALLY DRIVEN)**



# AVAILABLE COLOURS OF PROFILES ALU AND PVC

## PA-39

Technical data:

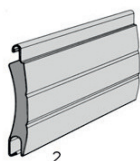
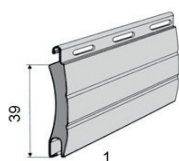
Profile height - 39mm

Number of laths per every meter of height - 26

Maximum shutter width - 2500mm

Maximum shutter surface - 6,5m<sup>2</sup>

Weight 1m<sup>2</sup> - 3kg



1. Perforated  
2. Non-perforated



X01  
SILVER



X02  
WHITE



X03  
GREY



X04  
DARK BEIGE



X05  
BEIGE



X07  
LIGHT GREY



X08  
DARK BROWN



X09  
LIGHT BROWN



X13  
GREEN



X15  
CREME WHITE



X16  
IVORY



X19  
BORDEAU



X22  
MAHOGANY



X23  
ANTHRACITE



X30  
WALNUT



X48  
GOLDEN OAK

## PA-45

Technical data:

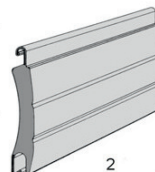
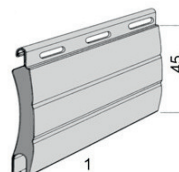
Profile height - 45mm

Number of laths per every meter of height - 23

Maximum shutter width - 3000mm

Maximum shutter surface - 6,5m<sup>2</sup>

Weight 1m<sup>2</sup> - 3,2kg



## PCV-52

Technical data:

Profile height - 52mm

Number of laths per every meter of height - 19

Maximum shutter width - 3000mm

Maximum shutter surface - 4,5m<sup>2</sup>

Weight 1m<sup>2</sup> - 4,0kg



X03  
GREY



X02  
WHITE



X05  
BEIGE

## PCV-37

Technical data:

Profile height - 37mm

Number of laths per every meter of height - 27

Maximum shutter width - 1600mm

Maximum shutter surface - 3,0m<sup>2</sup>

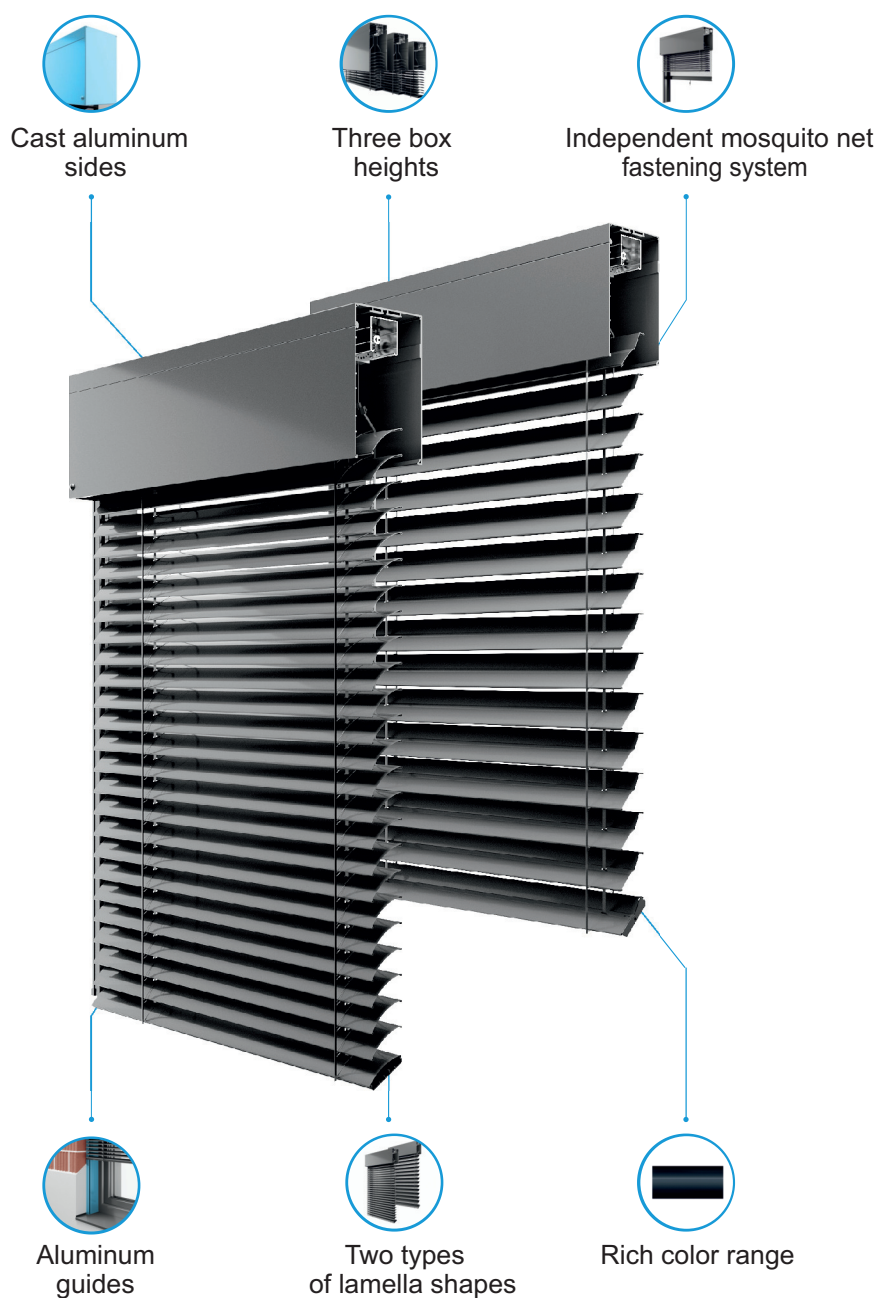
Weight 1m<sup>2</sup> - 3,5kg

### NOTE !

Colours samples above can depart from real colours.







## Advantages of facade blinds:

1. Protection of rooms against excessive overheating.
2. Precise regulation of the amount of light entering the rooms, without the need to completely cover the windows.
3. The possibility of mounting the blinds both for the building and the facade.
4. Resistance to harmful weather conditions.
5. The ability to control the blinds from the application level.
6. High-quality materials, guaranteeing long-term durability of the products.

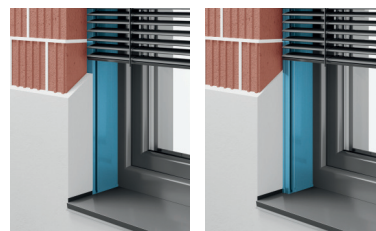
## STEP 1 CHOOSING THE BOX TYPE

The facade shutter boxes are available in four variants. Built-in boxes - type A and B, as well as boxes forelevation - type C and D. They have been designed in such a way that to allow the use of additional insulation.



## STEP 2 CHOOSING THE TYPE OF GUIDES

Aluminum guides are designed for both complete and partial construction. Please note that the previously selected box type defines the guides used.



## STEP 3 CHOOSING THE SHAPE OF THE LAMELS

Our offer includes two types of facade blinds for facade blinds - type C and Z. In the case of C slats, the slats can be rotated 180 degrees, and in the case of Z slats by 90 degrees.



## STEP 4 CHOOSING THE COLORS

The wide range of colors of the RAL color palette allows you to create a fully original and unique cover. Each element of the facade blinds, i.e. the bottom lath, box, guides and slats, can be made in any color selected from the palette below. Additionally, it is possible to choose the color of the textiles from two available ones: black and gray.



## STEP 5 MOSQUITO NET SYSTEM

The system of independent mounting of the mosquito net allows it to be added at any time, even to the existing housing.



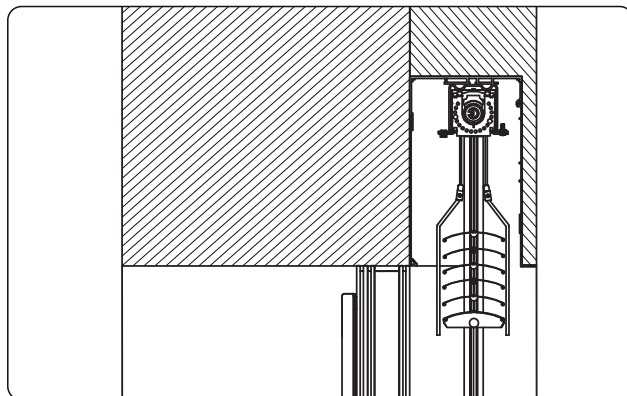
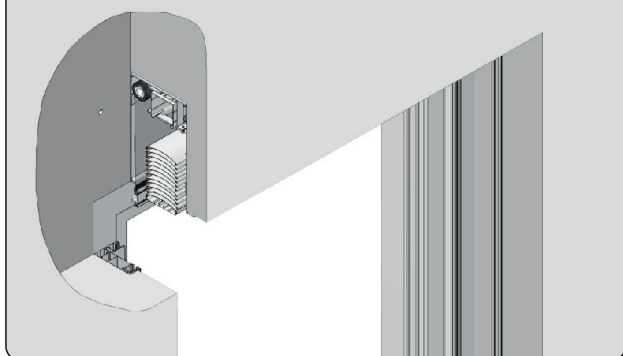
## STEP 6 CHOOSING A CONTROL SYSTEM

The facade blind can be controlled both manually and electrically. The facade blinds system can also be compatible with smart home control systems.

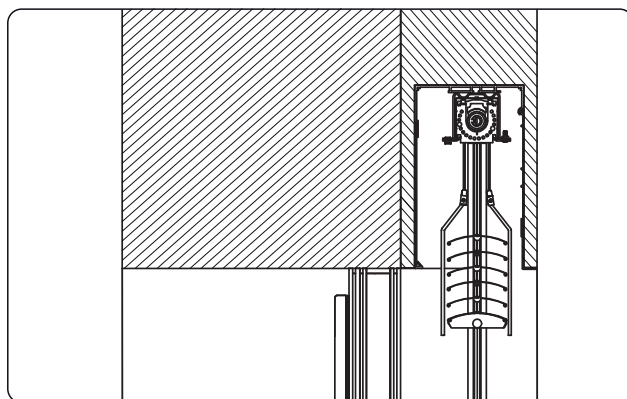
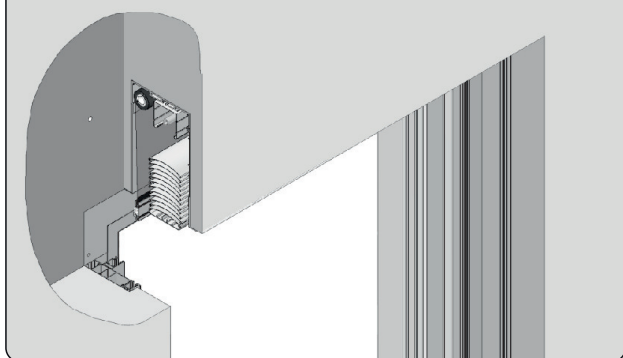


## MOUNTING TYPES

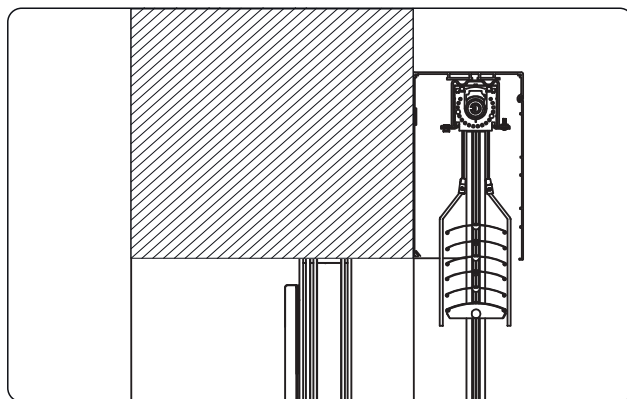
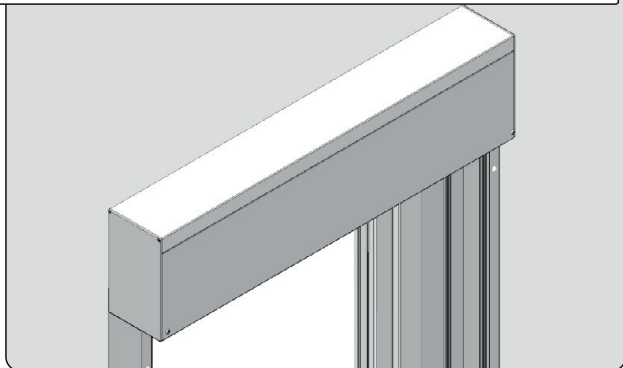
**TYPE A - BUILT-IN**



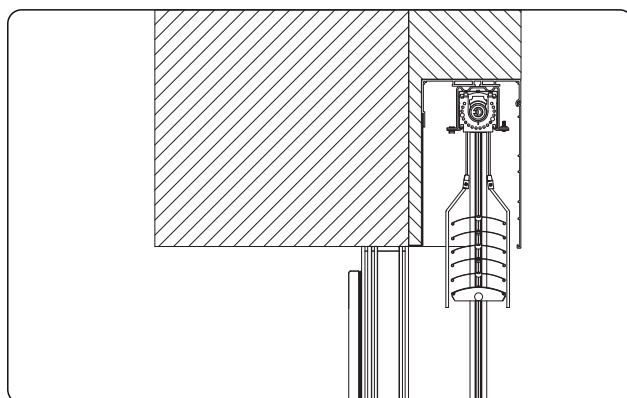
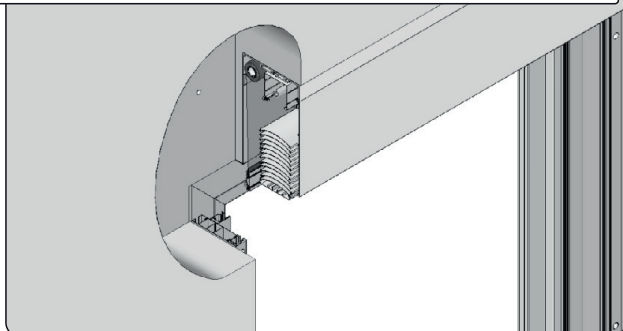
**TYPE B - BUILT-IN WITH DISTANCE**



**TYPE C - FOR FACADE (BOX 250)**

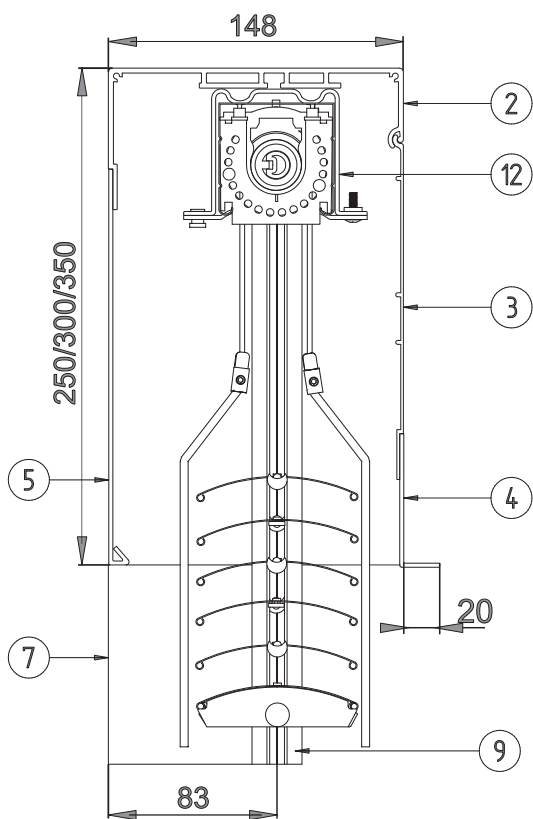


**TYPE D - FOR FACADE WITH DISTANCE (BOX 250)**

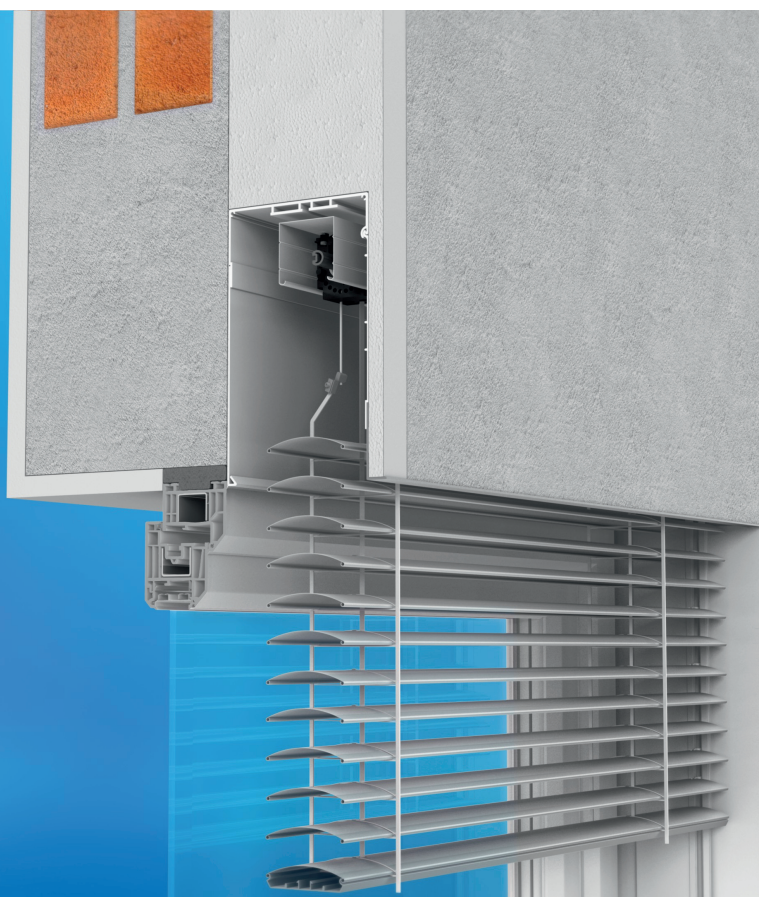




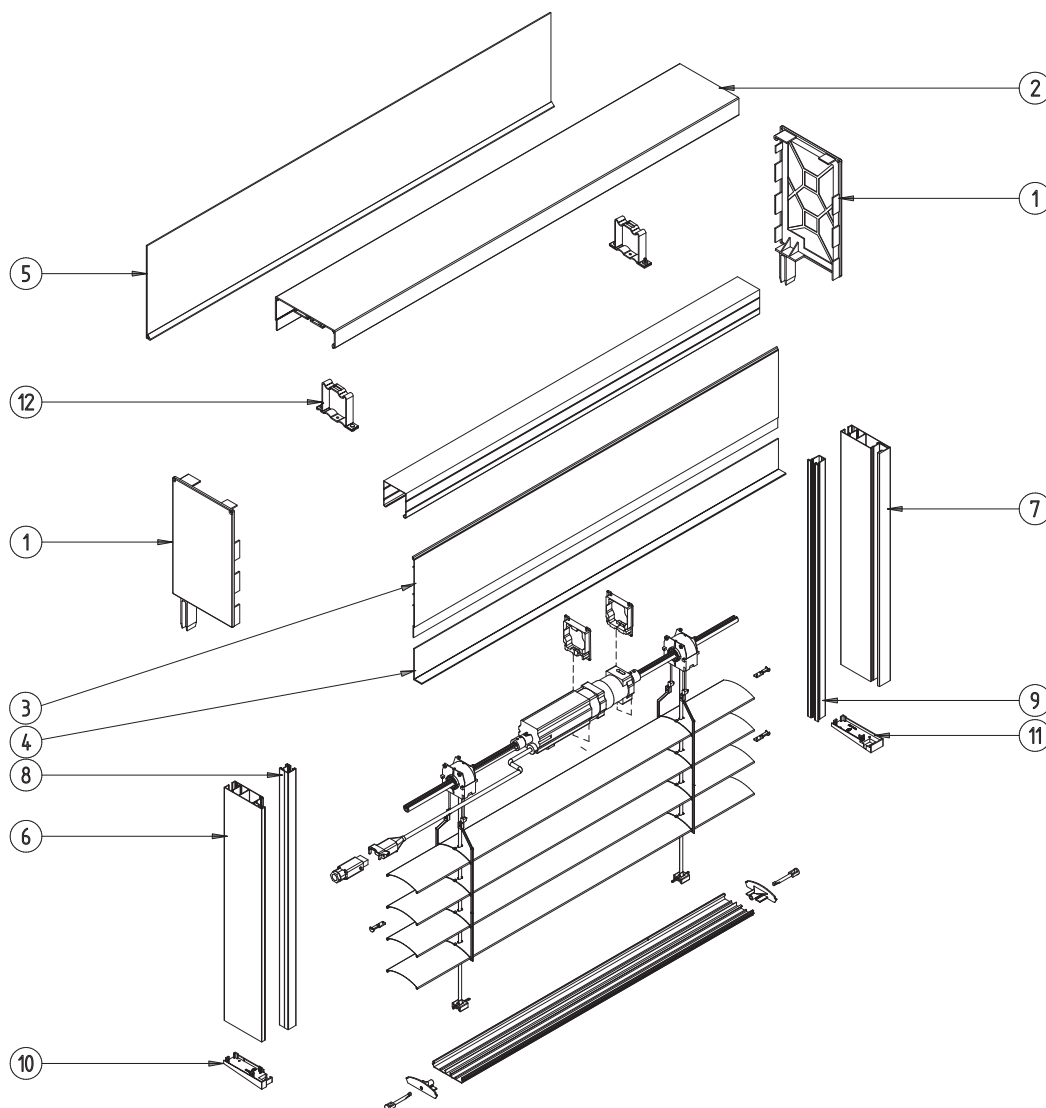
## TYPE A - BUILT-IN BOX



**BOX**  
**-250mm**  
**-300mm**  
**-350mm**



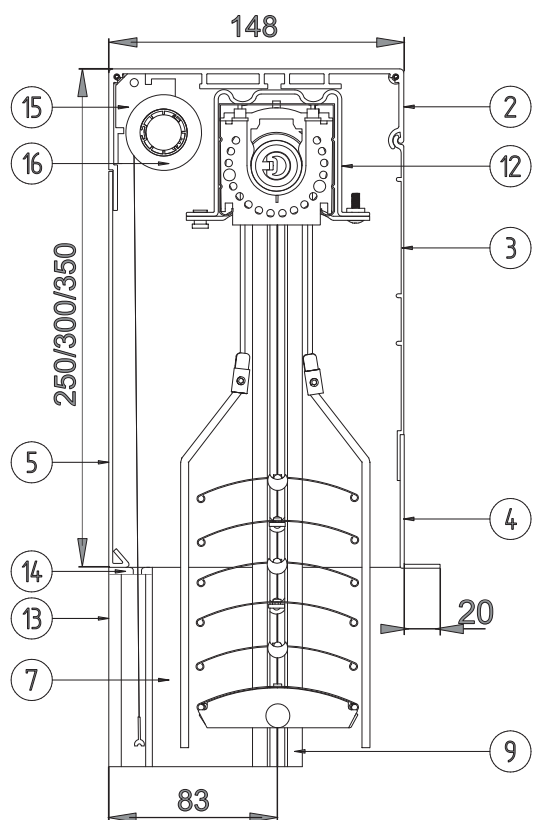
## TYPE A - BUILT-IN BOX



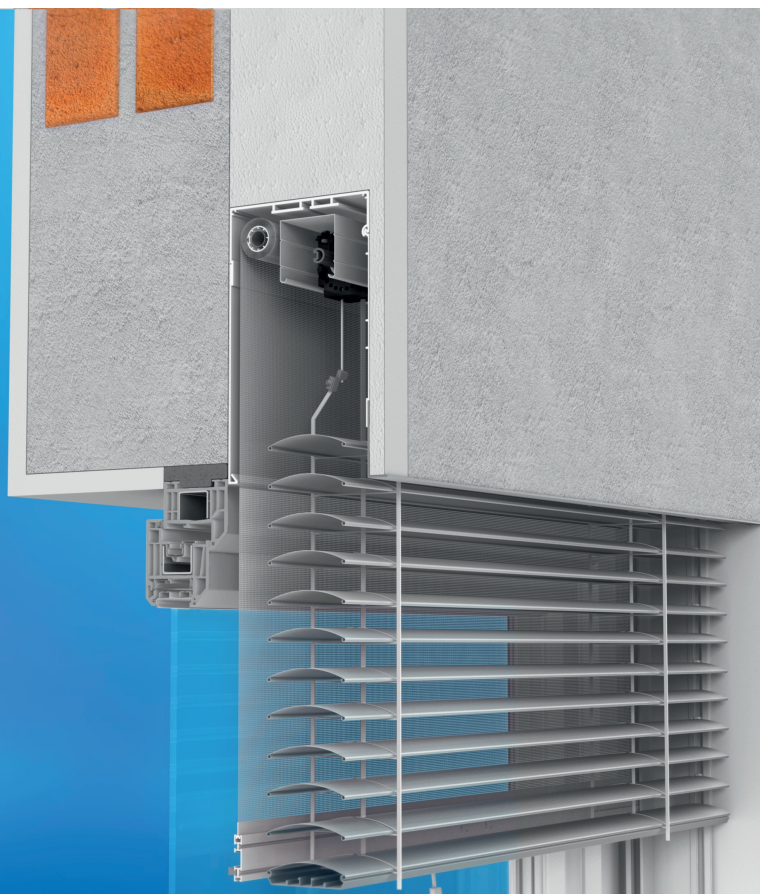
1. F-FBB-250	Box side ZF3000-BX 250
F-FBB-300	Box side ZF3000-BX 300
F-FBB-350	Box side ZF3000-BX 350
2. F-FBS-010	Top box profile ZF3000-BX
3. F-FBS-060	External profile of the box ZF3000-BX
4. F-B15C-BX-6	Cover plate for the box ZF3000-BX 6,5 with distance
F-B15C-BX-11	Cover plate for the box ZF3000-BX 11,5 with distance
F-B15C-BX-16	Cover plate for the box ZF3000-BX 16,5 with distance

5. F-B15B-BX-20	Cover plate for the box ZF3000-BX 250
F-B15B-BX-25	Cover plate for the box ZF3000-BX 300
F-B15B-BX-30	Cover plate for the box ZF3000-BX 350
6. F-FBR-010	Guide rail adapter for facade shutter
7. F-FBR-030	Facade shutter guide for building-in
8. F-PP-20	Single guide rail for facade shutter
9. F-RSC-340	The insert of the guide for facade shutter
10. F-FBD-010 L/P	Lower guide plug
11. F-FBD-030 L/P	Lower guide plug for building-in
12. F-USG	Top rail holder

## TYPE A - BUILT-IN BOX WITH MOSQUITO NET

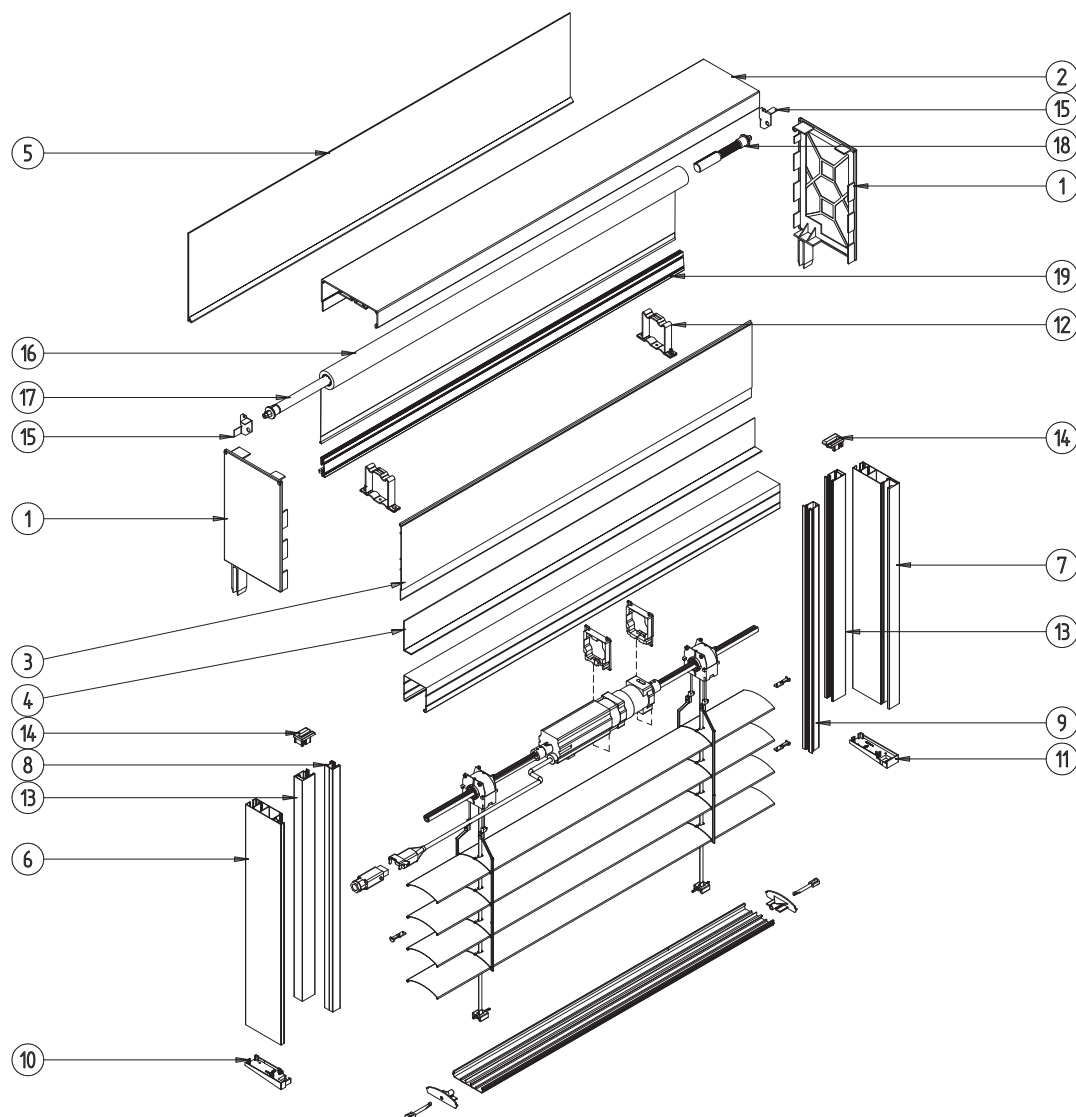


**BOX**  
**-250mm**  
**-300mm**  
**-350mm**





## TYPE A - BUILT-IN BOX WITH MOSQUITO NET



1. F-FBB-250 Box side ZF3000-BX 250

F-FBB-300 Box side ZF3000-BX 300

F-FBB-350 Box side ZF3000-BX 350

2. F-FBS-010 Top box profile ZF3000-BX

3. F-FBS-060 External profile of the box ZF3000-BX

4. F-B15C-BX-6 Cover plate for the box ZF3000-BX 6,5 with distance

F-B15C-BX-11 Cover plate for the box ZF3000-BX 11,5 with distance

F-B15C-BX-16 Cover plate for the box ZF3000-BX 16,5 with distance

5. F-B15B-BX-20 Cover plate for the box ZF3000-BX 250

F-B15B-BX-25 Cover plate for the box ZF3000-BX 300

F-B15B-BX-30 Cover plate for the box ZF3000-BX 350

6. F-FBR-010 Guide rail adapter for facade shutter

7. F-FBR-030 Facade shutter guide for building-in

8. F-PP-20 Single guide rail for facade shutter

9. F-RSC-340 The insert of the guide for facade shutter

10. F-FBD-010 L/P Lower guide plug

11. F-FBD-030 L/P Lower guide plug for building-in

12. F-USG Top rail holder

13. F-FBR-050 Guide for the mosquito net

14. F-FBD-010 L/P Slider for the mosquito net

15. F-M-RZ-080 L/P. Sheet metal holder for mosquito net

16. MOS FI 23 1,7 Mosquito net on the Fi 23 1,7 pipe

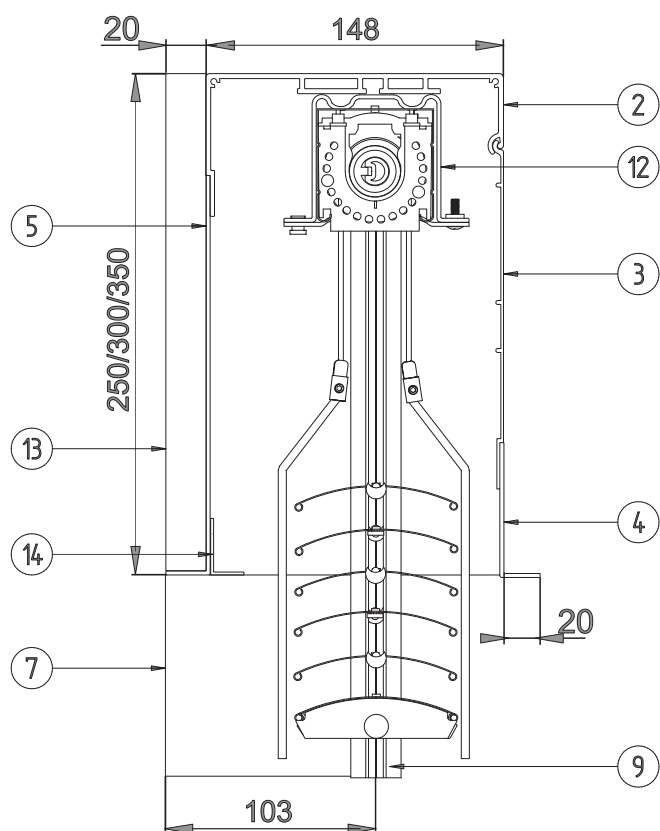
MOS FI 23 2,6 Mosquito net on the Fi 23 2,6 pipe

17. M-RZ-200 The spring of the mosquito net in the facade shutter

18. M-RZ-210 The brake of the mosquito net in the facade shutter

19. LDM-41x8 CH Bottom rail for mosquito net

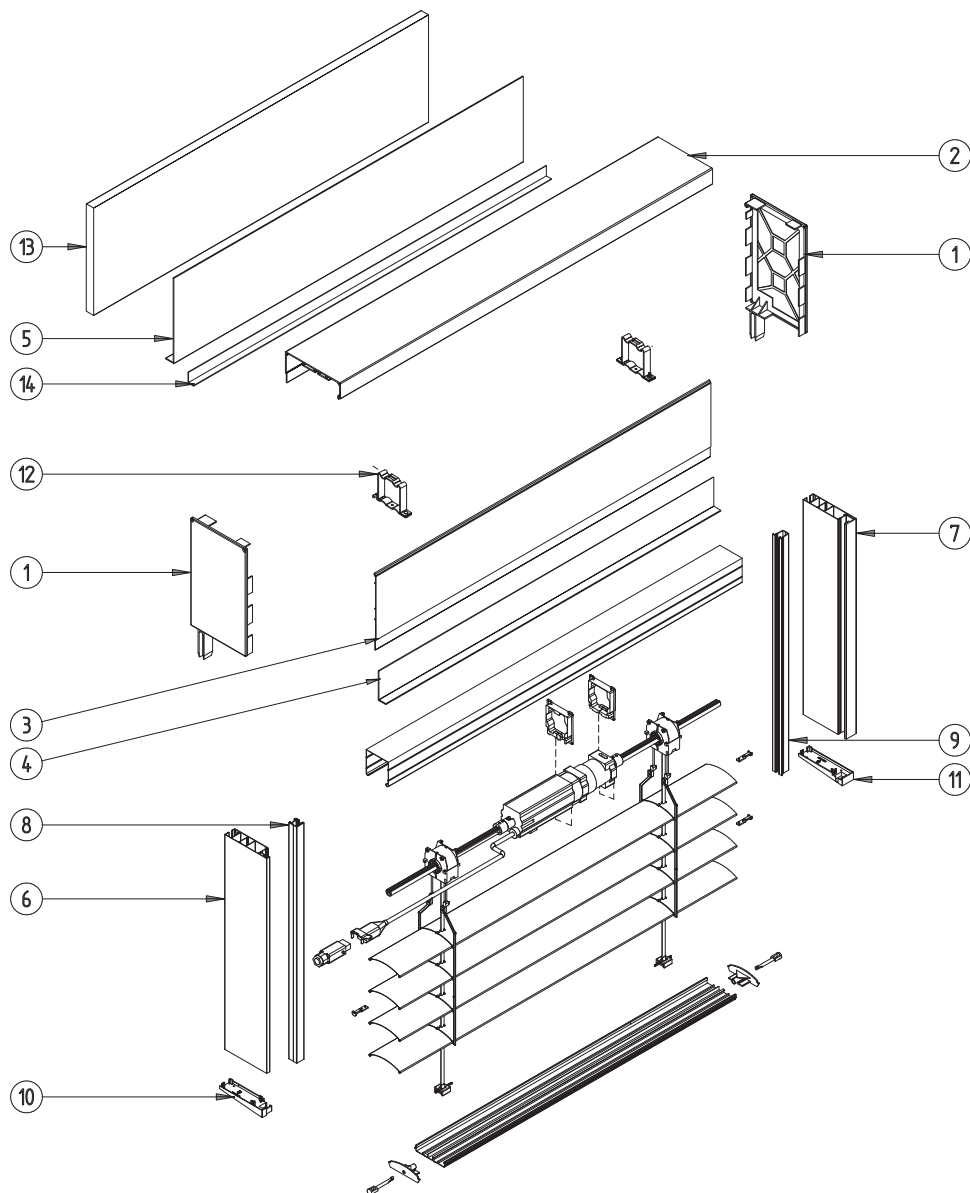
## TYPE B - BUILT-IN BOX WITH DISTANCE (INSULATION)



**BOX**  
**-250mm**  
**-300mm**  
**-350mm**



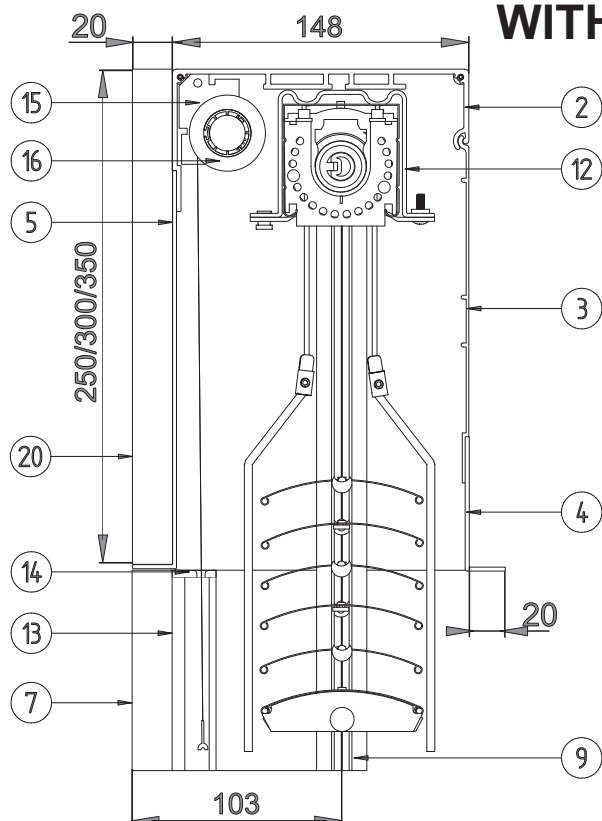
## TYPE B - BUILT-IN BOX WITH DISTANCE (INSULATION)



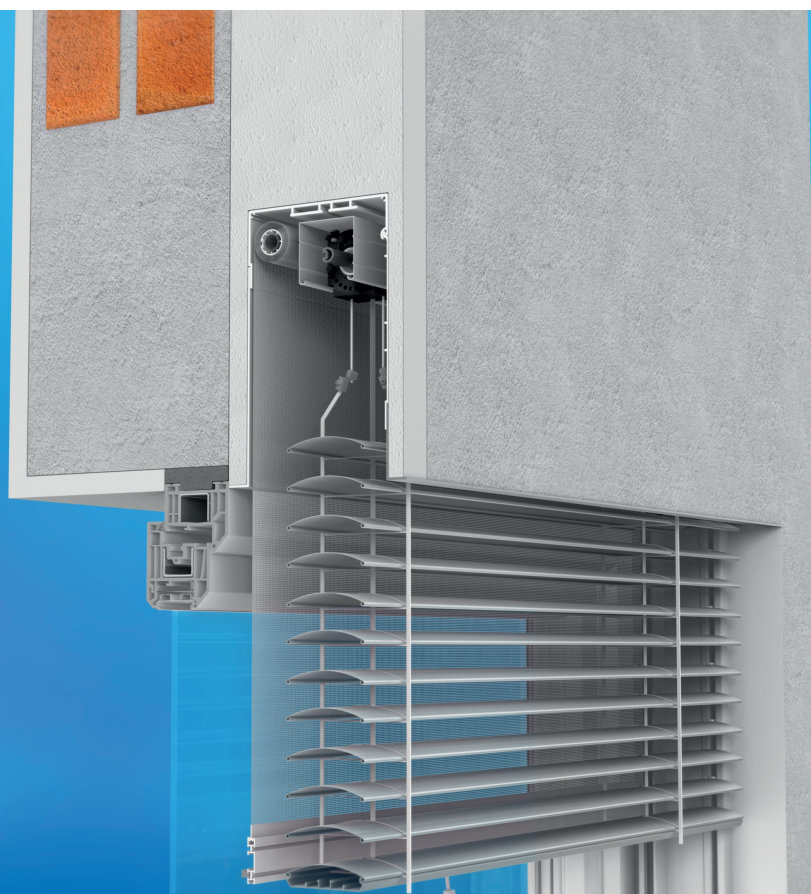
1. F-FBB-250	Box side ZF3000-BX 250
F-FBB-300	Box side ZF3000-BX 300
F-FBB-350	Box side ZF3000-BX 350
2. F-FBS-010	Top box profile ZF3000-BX
3. F-FBS-060	External profile of the box ZF3000-BX
4. F-B15C-BX-6	Cover plate for the box ZF3000-BX 6,5 with distance
F-B15C-BX-11	Cover plate for the box ZF3000-BX 11,5 with distance
F-B15C-BX-16	Cover plate for the box ZF3000-BX 16,5 with distance
5. F-B15C-BX-20	Cover plate for the box ZF3000-BX 250 with distance
F-B15C-BX-25	Cover plate for the box ZF3000-BX 300 with distance
F-B15C-BX-30	Cover plate for the box ZF3000-BX 350 with distance
6. F-FBR-020	Adapter for the guide with a distance for the facade shutter

7. F-FBR-040	Facade shutter guide with a distance for building-in
8. F-PP-20	Single guide rail for facade shutter
9. F-RSC-340	The insert of the guide for facade shutter
10. F-FBD-020 L/P	Lower guide plug with distance
11. F-FBD-040 L/P	Lower guide plug for building-in with distance
12. F-USG	Top rail holder
13. F-FBW-010	Rear insulation of the box
14. LT	Plaster profile

## TYPE B - BUILT-IN BOX WITH DISTANCE (INSULATION) WITH MOSQUITO NET

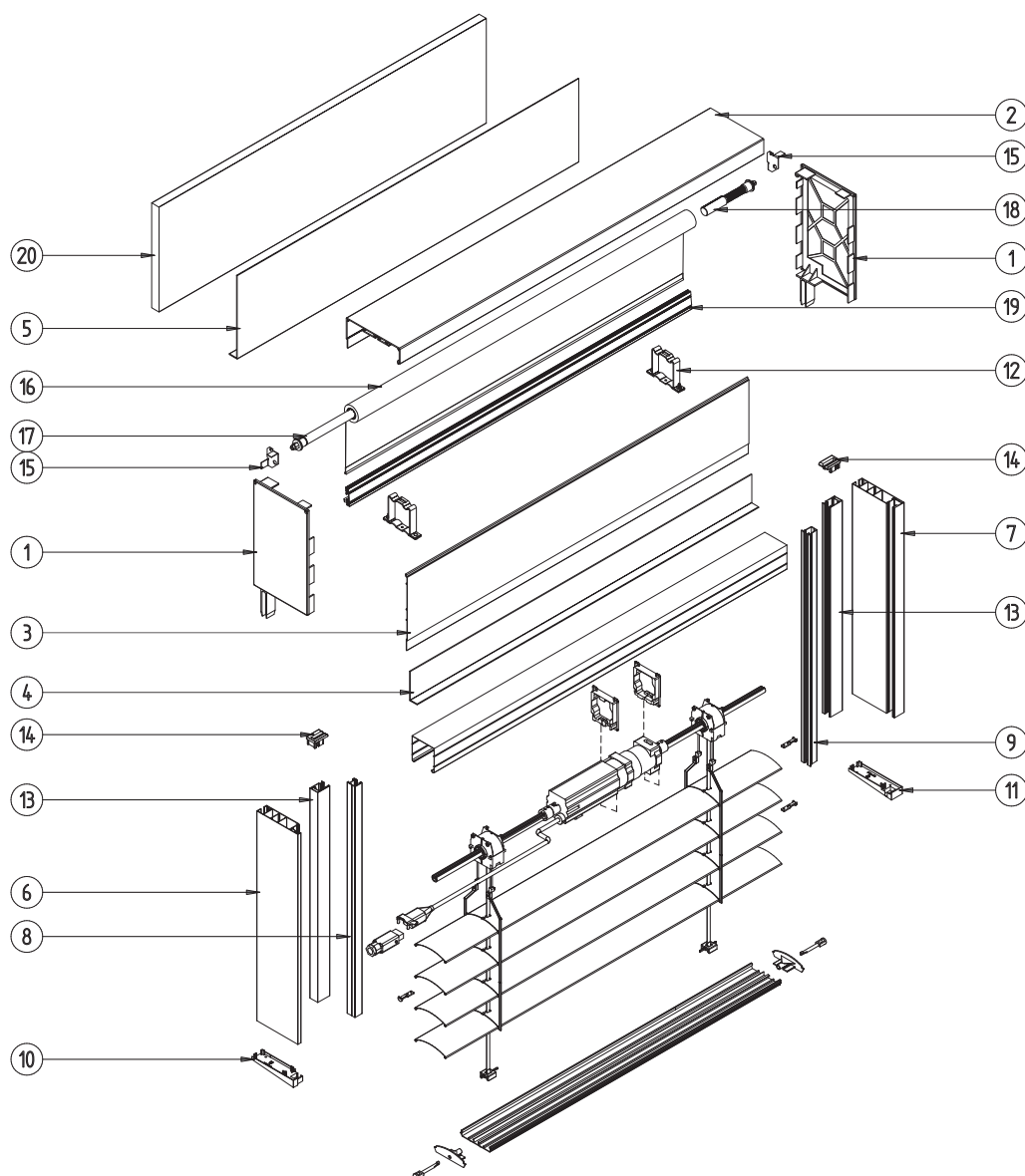


**BOX**  
**-250mm**  
**-300mm**  
**-350mm**





## TYPE B - BUILT-IN BOX WITH DISTANCE (INSULATION) WITH MOSQUITO NET



1. F-FBB-250 Box side ZF3000-BX 250

F-FBB-300 Box side ZF3000-BX 300

F-FBB-350 Box side ZF3000-BX 350

2. F-FBS-010 Top box profile ZF3000-BX

3. F-FBS-060 External profile of the box ZF3000-BX

4. F-B15C-BX-6 Cover plate for the box ZF3000-BX 6,5 with distance

F-B15C-BX-11 Cover plate for the box ZF3000-BX 11,5 with distance

F-B15C-BX-16 Cover plate for the box ZF3000-BX 16,5 with distance

5. F-B15C-BX-20 Cover plate for the box ZF3000-BX 250 with distance

F-B15C-BX-25 Cover plate for the box ZF3000-BX 300 with distance

F-B15C-BX-30 Cover plate for the box ZF3000-BX 350 with distance

6. F-FBR-020 Adapter for the guide with a distance for the facade shutter

7. F-FBR-040 Facade shutter guide with a distance for building-in

8. F-PP-20 Single guide rail for facade shutter

9. F-RSC-340 The insert of the guide for facade shutter

10. F-FBD-020 L/P Lower guide plug with distance

11. F-FBD-040 L/P Lower guide plug for building-in with distance

12. F-USG Top rail holder

13. F-FBR-050 Guide for the mosquito net

14. F-FBD-010 L/P Slider for the mosquito net

15. F-M-RZ-080 L/P Sheet metal holder for mosquito net

16. MOS FI 23 1,7 Mosquito net on the Fi 23 1,7 pipe

MOS FI 23 2,6 Mosquito net on the Fi 23 2,6 pipe

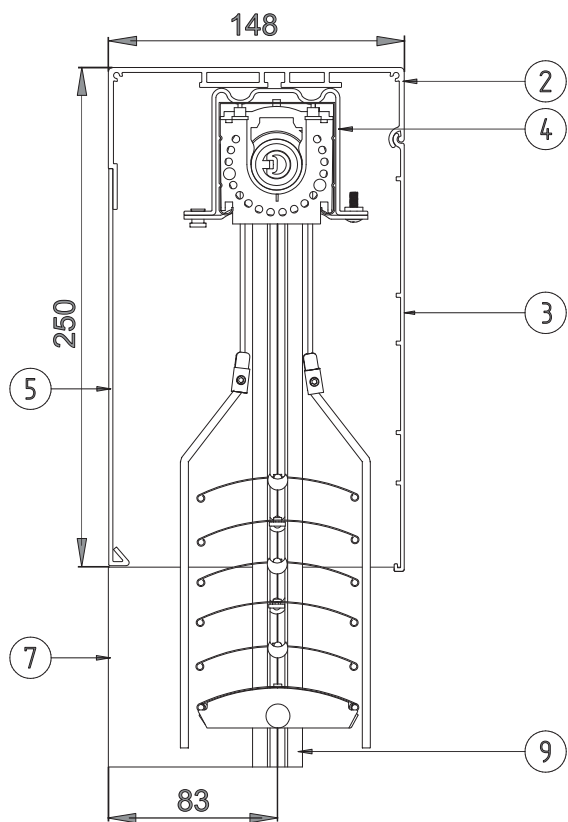
17. M-RZ-200 The spring of the mosquito net in the facade shutter

18. M-RZ-210 The brake of the mosquito net in the facade shutter

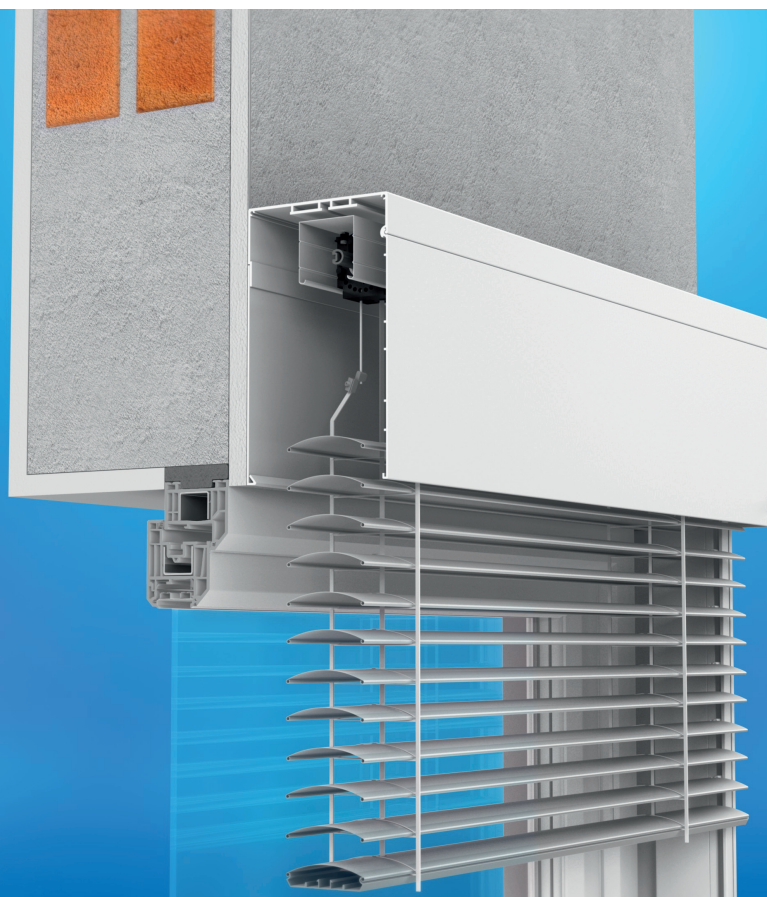
19. LDM-41x8 CH Bottom rail for mosquito net

20. F-FBW-010 Rear insulation of the box

## TYPE C - BOX FOR ELEVATION

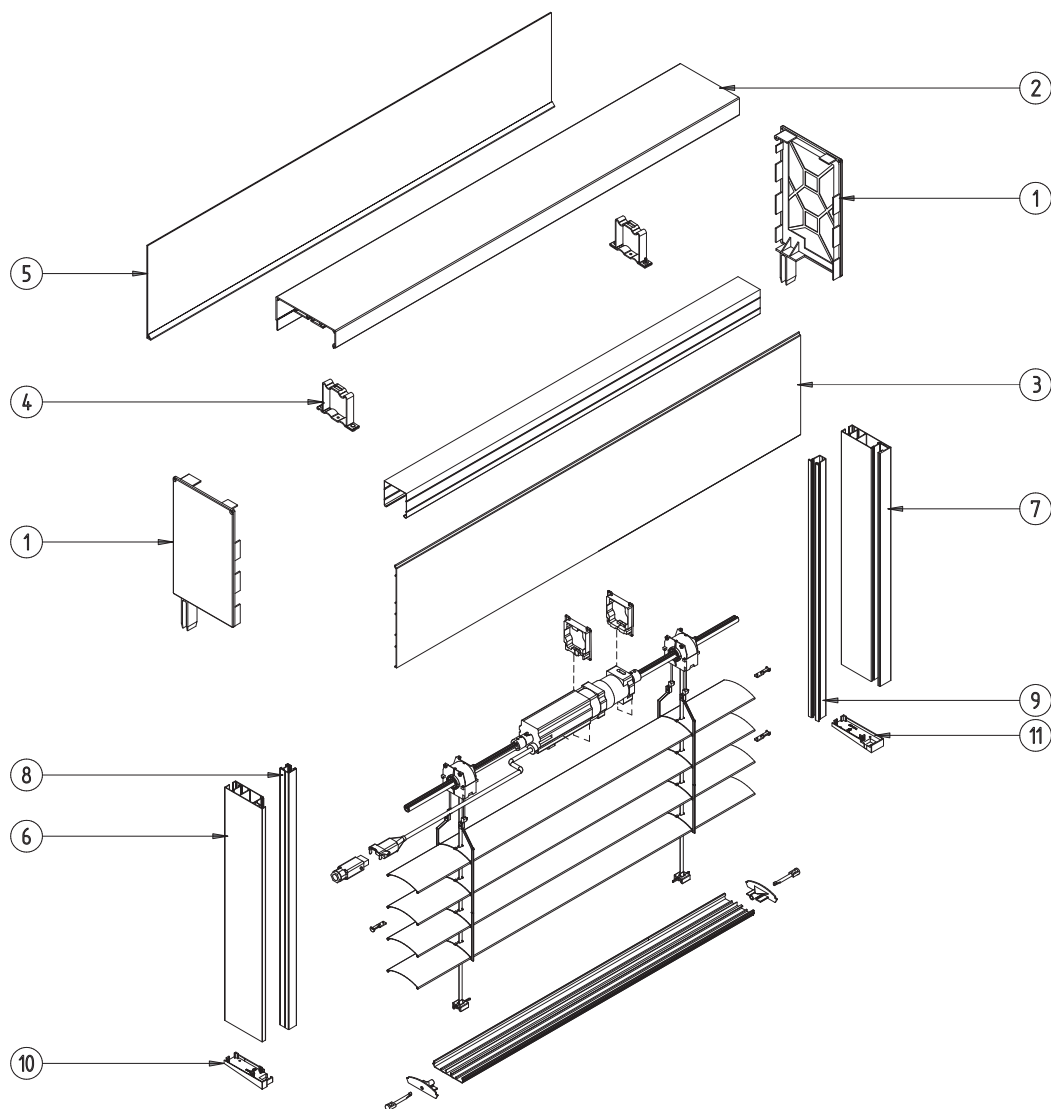


**BOX  
-250mm**



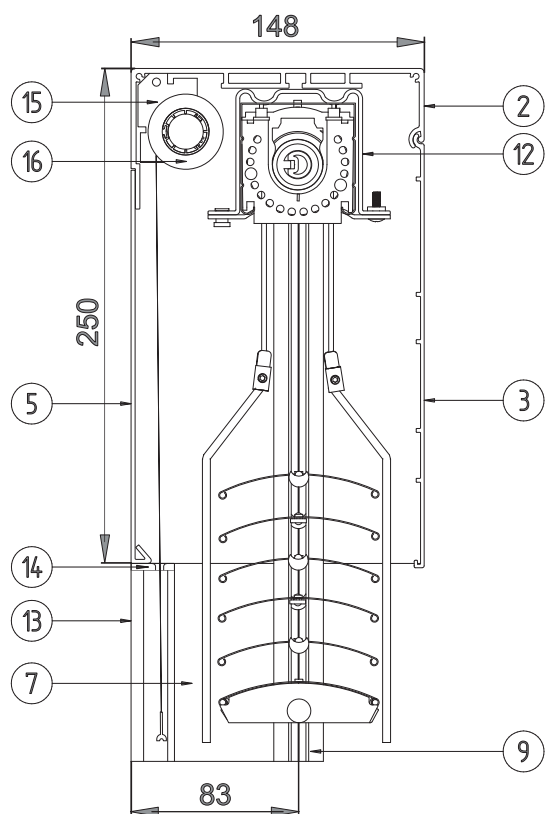


## TYPE C - BOX FOR ELEVATION



- |                   |   |
|-------------------|---|
| 1. F-FBB-250      | Box side ZF3000-BX 250                      |
| 2. F-FBS-010      | Top box profile ZF3000-BX                   |
| 3. F-FBS-140      | Profile of an undeveloped box ZF3000-BX 250 |
| 4. F-USG          | Top rail holder                             |
| 5. F-B15B-BX-20   | Cover plate for the box ZF3000-BX 250       |
| 6. F-FBR-010      | Guide rail adapter for facade shutter       |
| 7. F-FBR-030      | Facade shutter guide for building-in        |
| 8. F-PP-20        | Single guide rail for facade shutter        |
| 9. F-RSC-340      | The insert of the guide for facade shutter  |
| 10. F-FBD-010 L/P | Lower guide plug                            |
| 11. F-FBD-030 L/P | Lower guide plug for building-in            |

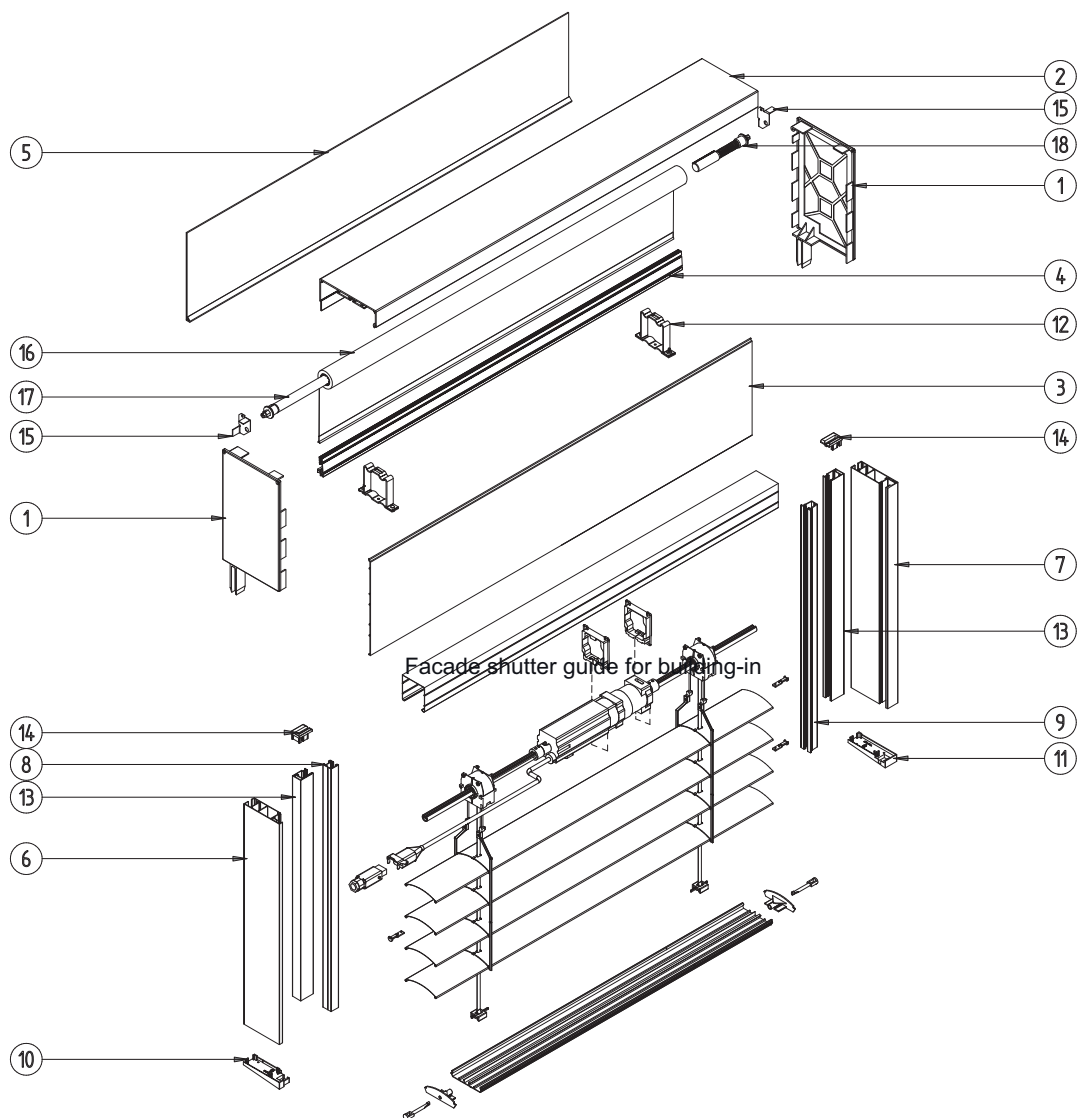
## TYPE C - BOX FOR ELEVATION WITH MOSQUITO NET



**BOX  
-250mm**



## TYPE C - BOX FOR ELEVATION WITH MOSQUITO NET



1. F-FBB-250 Box side ZF3000-BX 250

2. F-FBS-010 Top box profile ZF3000-BX

3. F-FBS-140 Profile of an undeveloped box ZF3000-BX 250

4. LDM-41x8 CH Bottom lath for mosquito nets

5. F-B15B-BX-20 Cover plate for the box ZF3000-BX 250

6. F-FBR-010 Guide rail adapter for facade shutter

7. F-FBR-030 Facade shutter guide for building-in

8. F-PP-20 Single guide rail for facade shutter

9. F-RSC-340 The insert of the guide for facade shutter

10. F-FBD-010 L/P Lower guide plug

11. F-FBD-030 L/P Lower guide plug for building-in

12. F-USG Top rail holder

13. F-FBR-050 Guide for the mosquito net

14. F-FBD-010 L/P Slider for the mosquito net

15. F-M-RZ-080 L/P Sheet metal holder for mosquito net

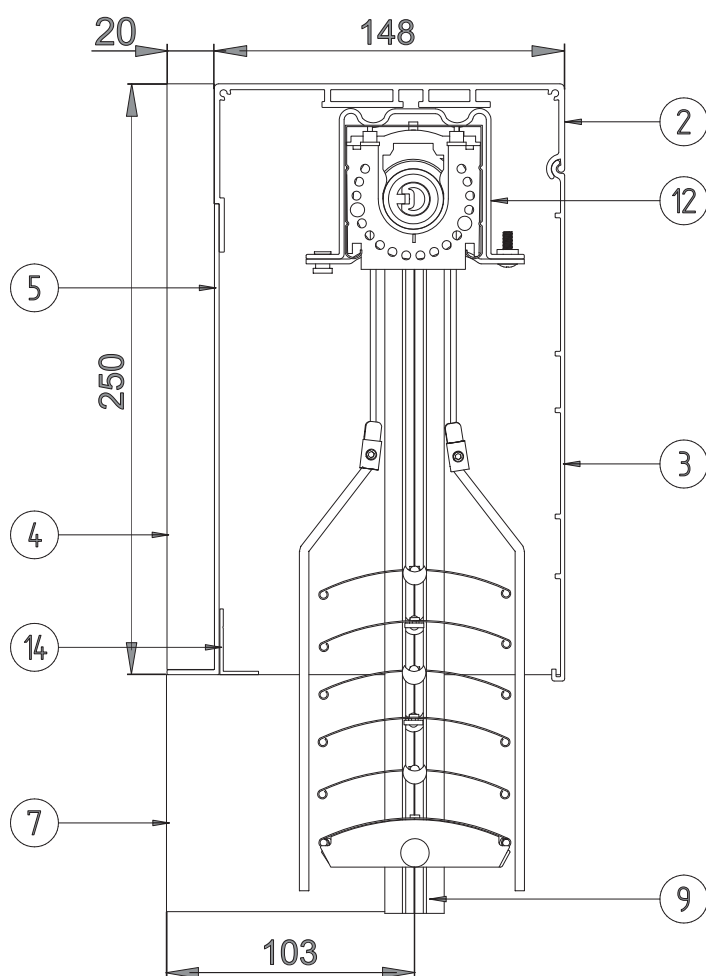
16. MOS FI 23 1,7 Mosquito net on the Fi 23 1,7 pipe

MOS FI 23 2,6 Mosquito net on the Fi 23 2,6 pipe

17. M-RZ-200 The spring of the mosquito net in the facade shutter

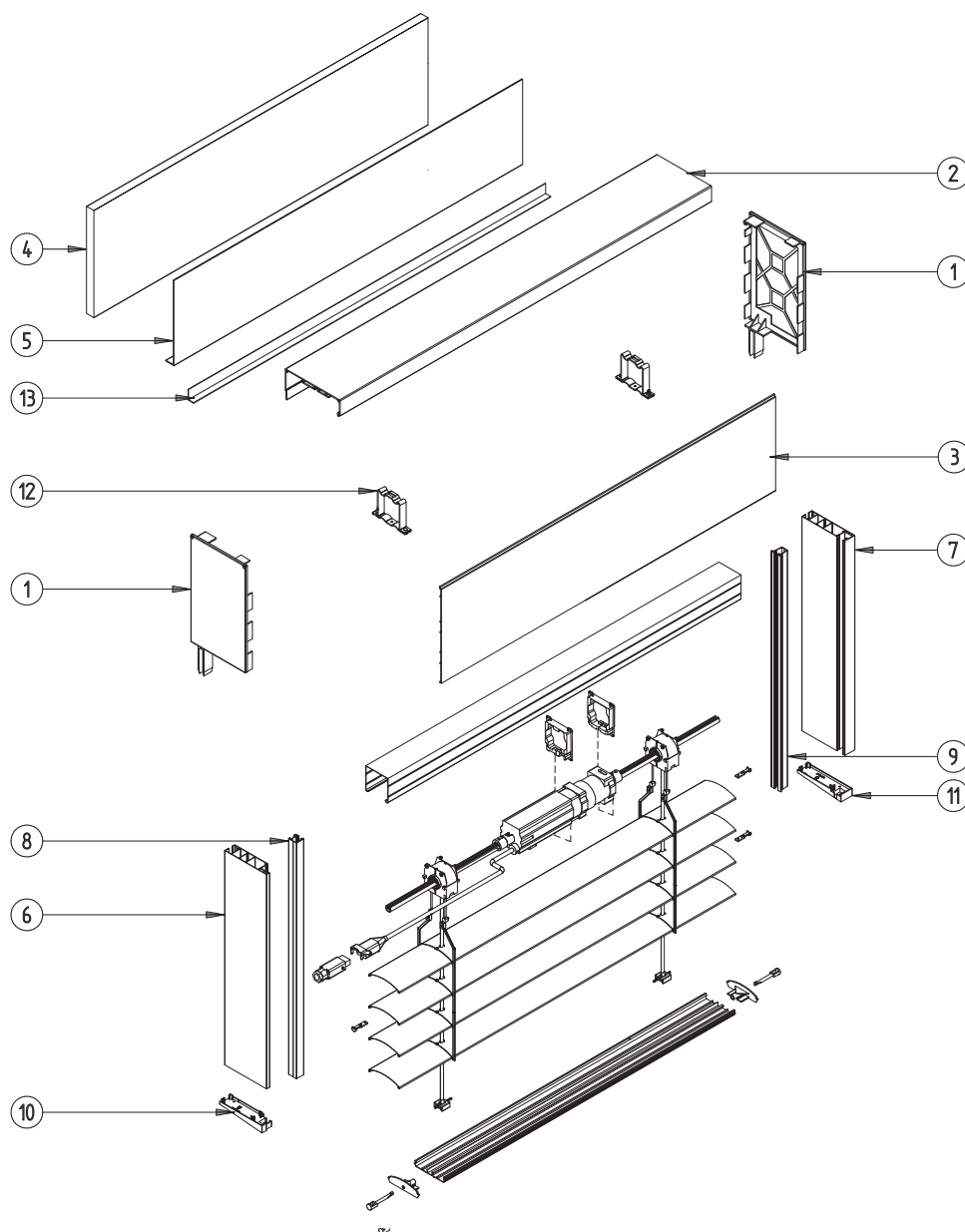
18. M-RZ-210 The brake of the mosquito net in the facade shutter

## TYPE D - BOX FOR ELEVATION WITH DISTANCE (INSULATION)



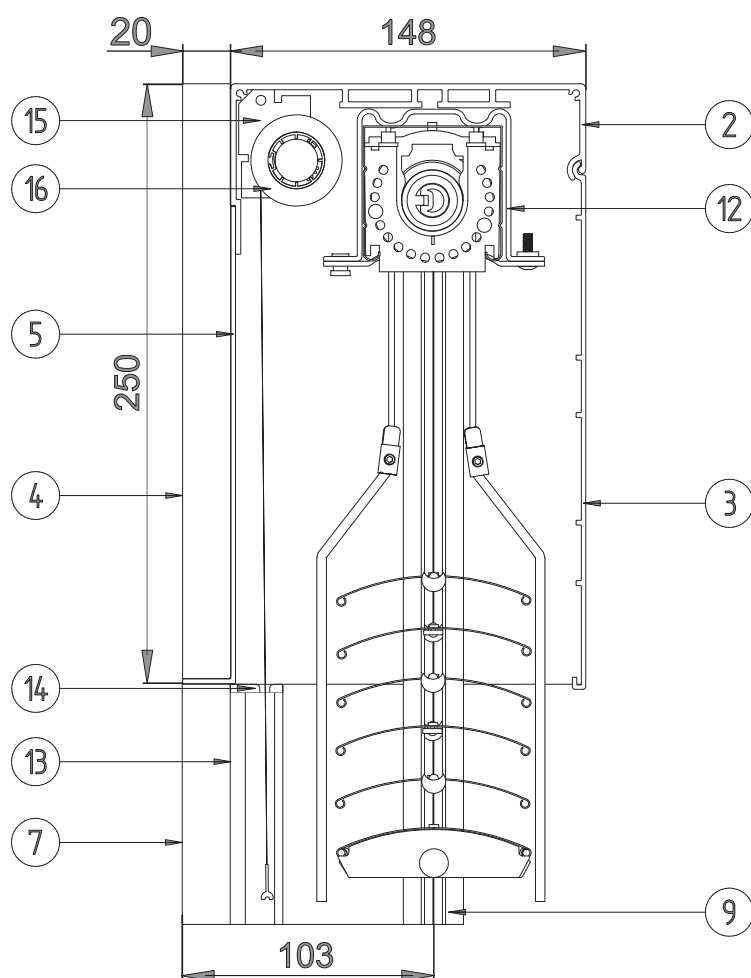
**BOX  
-250mm**

## TYPE D - BOX FOR ELEVATION WITH DISTANCE (INSULATION)



- |                   |  |
|-------------------|--|
| 1. F-FBB-250      | Box side ZF3000-BX 250                                       |
| 2. F-FBS-010      | Top box profile ZF3000-BX                                    |
| 3. F-FBS-140      | Profile of an undeveloped box ZF3000-BX 250                  |
| 4. F-FBW-010      | Rear insulation of the box                                   |
| 5. F-B15C-BX-20   | Cover plate for the box ZF3000-BX 250 with distance          |
| 6. F-FBR-020      | Adapter for the guide with a distance for the facade shutter |
| 7. F-FBR-040      | Facade shutter guide with a distance for building-in         |
| 8. F-PP-20        | Single guide rail for facade shutter                         |
| 9. F-RSC-340      | The insert of the guide for facade shutter                   |
| 10. F-FBD-020 L/P | Lower guide plug with distance                               |
| 11. F-FBD-040 L/P | Lower guide plug for building-in with distance               |
| 12. F-USG         | Top rail holder  |
| 13. LT            | Plaster profile  |

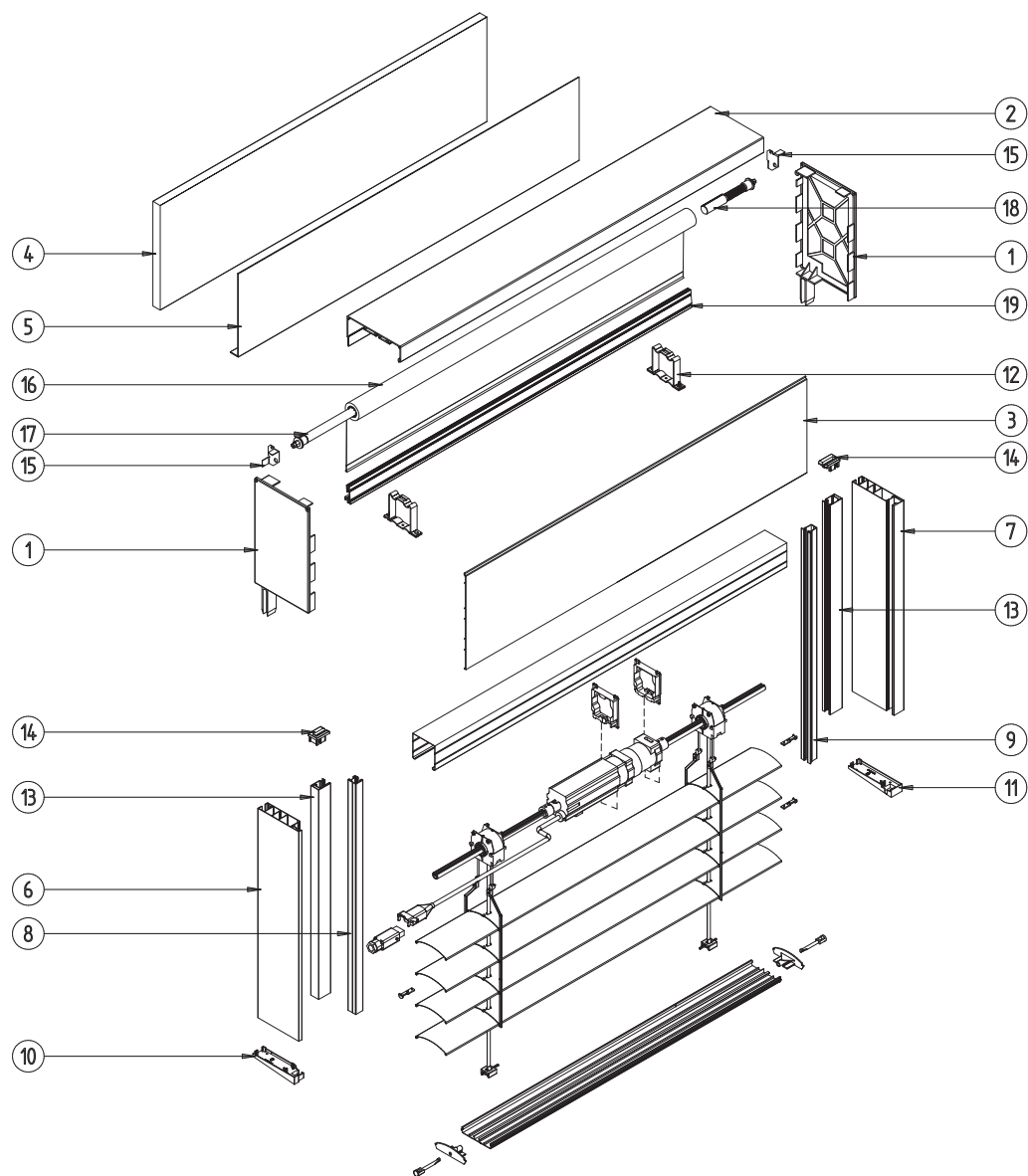
## TYPE D - BOX FOR ELEVATION WITH DISTANCE (INSULATION) WITH MOSQUITO NET



**SKRZYŃKA  
-250mm**



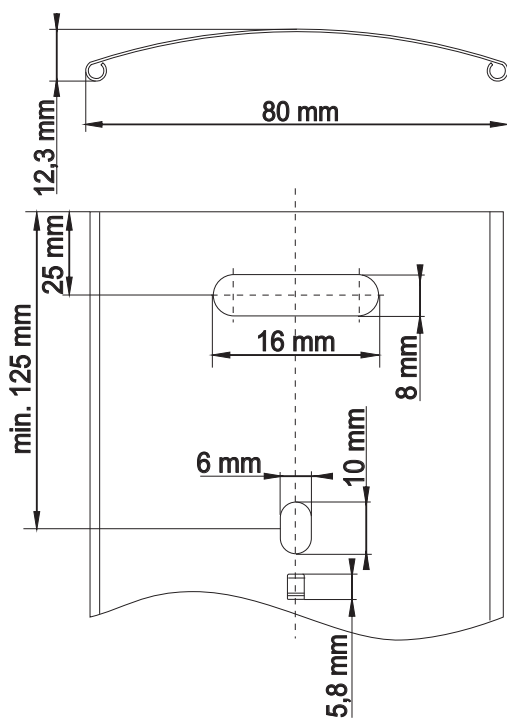
## TYPE D - BOX FOR ELEVATION WITH DISTANCE (INSULATION) WITH MOSQUITO NET



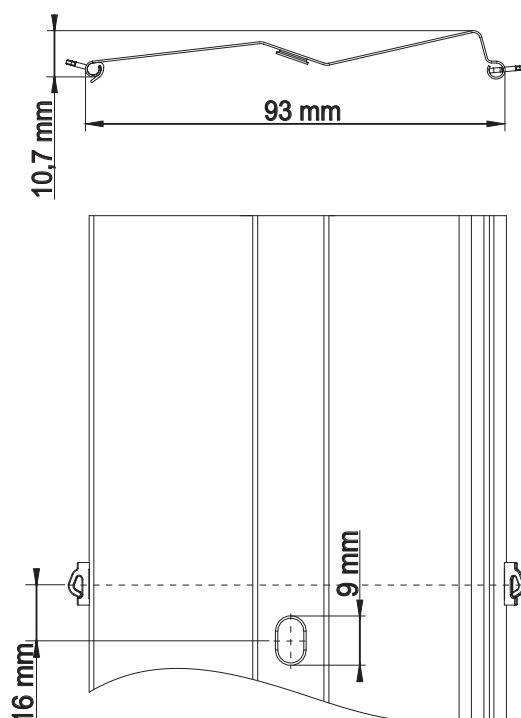
1. F-FBB-250	Box side ZF3000-BX 250	11. F-FBD-040 L/P	Lower guide plug for building-in with distance
2. F-FBS-010	Top box profile ZF3000-BX	12. F-USG	Top rail holder
3. F-FBS-140	Profile of an undeveloped box ZF3000-BX 250	13. F-FBR-050	Guide for the mosquito net
4. F-FBW-010	Rear insulation of the box	14. F-FBD-010 L/P	Slider for the mosquito net
5. F-B15C-BX-20	Cover plate for the box ZF3000-BX 250 with distance	15. F-M-RZ-080 L/P.	Sheet metal holder for mosquito net
6. F-FBR-020	Adapter for the guide with a distance for the facade shutter	16. MOS FI 23 1,7	Mosquito net on the Fi 23 1,7 pipe
7. F-FBR-040	Facade shutter guide with a distance for building-in	MOS FI 23 2,6	Mosquito net on the Fi 23 2,6 pipe
8. F-PP-20	Single guide rail for facade shutter	17. M-RZ-200	The spring of the mosquito net in the facade shutter
9. F-RSC-340	The insert of the guide for facade shutter	18. M-RZ-210	The brake of the mosquito net in the facade shutter
10. F-FBD-020 L/P	Lower guide plug with distance	19. LDM-41x8 CH	Bottom rail for mosquito net

## LAMELES

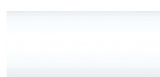
### Lamela C80



### Lamela Z90



## COLORS



WHITE  
RAL 9016



BEIGE  
VSR 240



LIGHT GREY  
RAL 7035



SILVER  
RAL 9006



STEEL  
ANTHRACITE  
DB 703



ANTHRACITE  
RAL 7016



DARK  
ANTHRACITE  
RAL 7021



GRAY  
ALUMINIUM  
RAL 9007

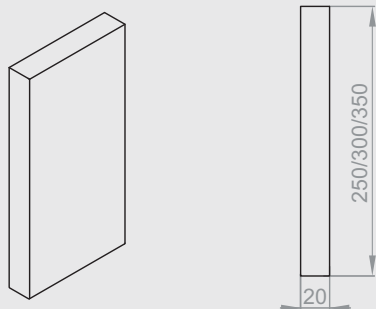


OLIVE  
VSR 780



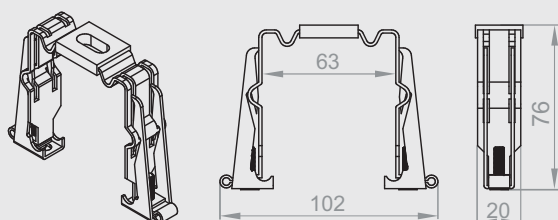
BLACK  
RAL 9005

## ELEMENTS



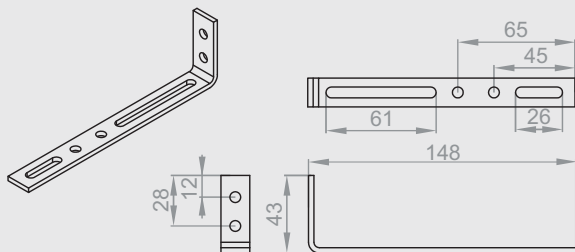
### **F-FBW-010**

Rear insulation of the box TYPE B, D  
STANDARD WITHOUT ADDITIONAL CHARGE



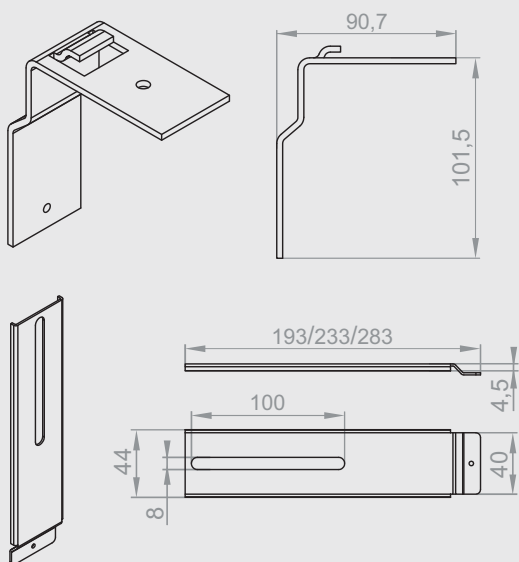
### **F-USG-A**

Automatic top rail handle  
FOR AN ADDITIONAL PAYMENT -  
- ON CUSTOMER'S REQUEST



### **F-FBT-030**

Wall mounting holder TYPE A, B  
STANDARD WITHOUT ADDITIONAL CHARGE



### **F-WPZ**

Bracket for the outer cover of the box ZF3000®BX.  
STANDARD WITHOUT ADDITIONAL CHARGE

*Complete with a screw M5x8*

### **F-PWPZ-250**

Extension of the outer cover of the box ZF3000-BX SK250

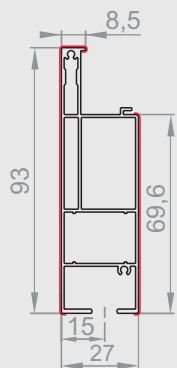
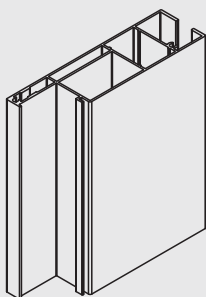
### **F-PWPZ-300**

Extension of the outer cover of the box ZF3000-BX SK300

### **F-PWPZ-350**

Extension of the outer cover of the box ZF3000-BX SK350

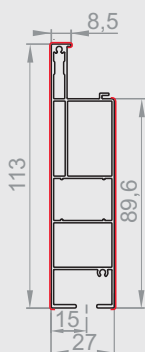
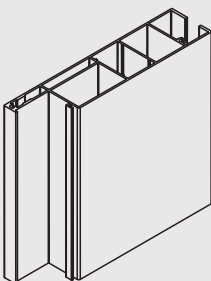
## RAILS



### F-FBR-010

Guide rail adapter for facade shutter

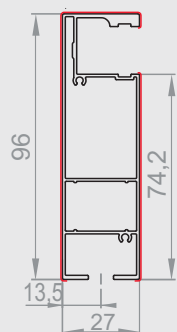
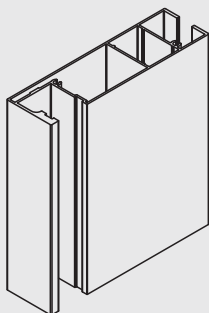
**for TYPE C**



### F-FBR-020

Guide rail adapter for facade shutter with a distance

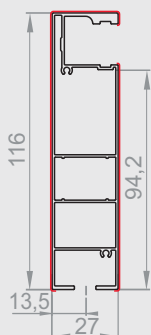
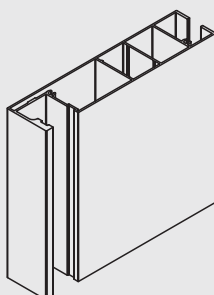
**for TYPE D**



### F-FBR-030

Facade shutter guide for building-in

**for TYPE A**

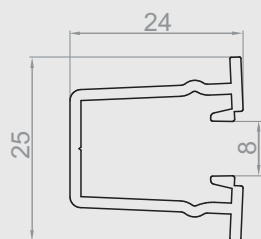


### F-FBR-040

Facade shutter guide for building-in with a distance

**for TYPE B**

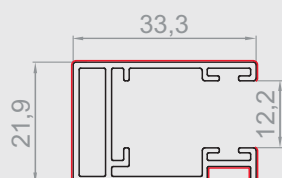
## RAILS



### **F-RSC-340-XX**

The insert of the guide for facade shutter  
colors available (XX): 02 - white, 23 - anthracite

**for TYPE A, B**



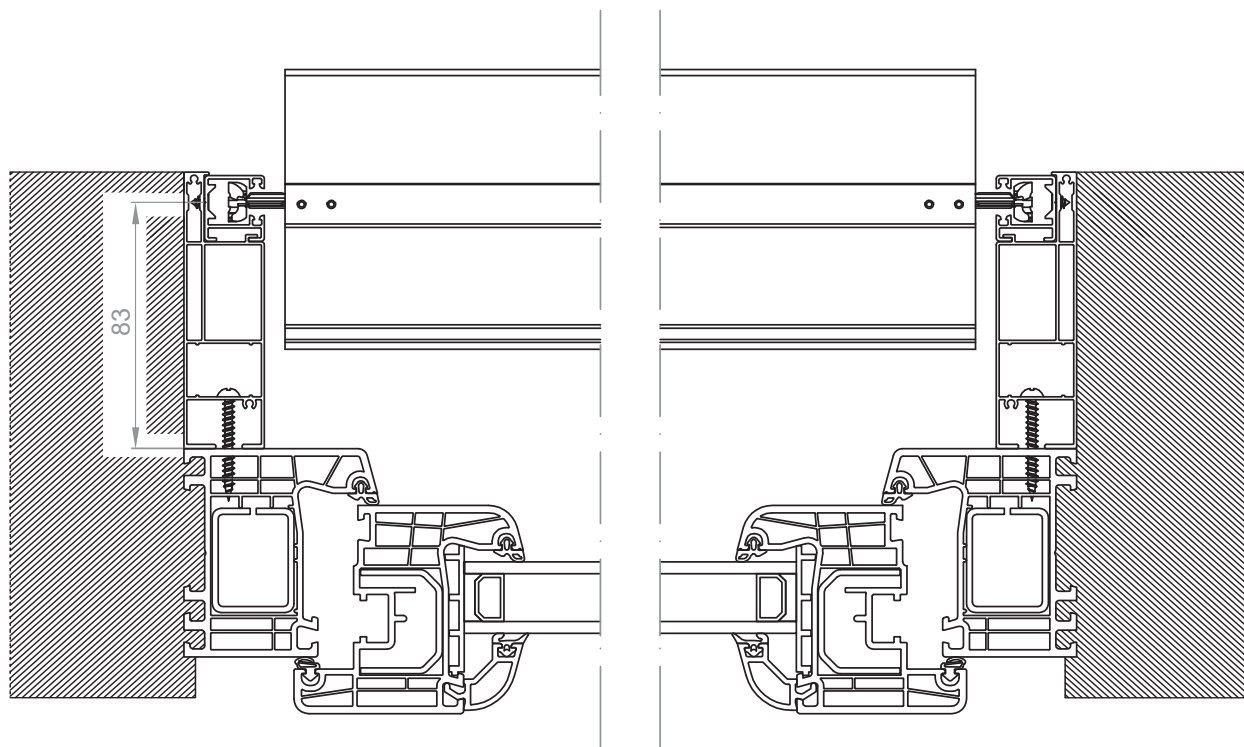
### **F-FBR-050**

Guide for the mosquito net in the ZF3000-BX.

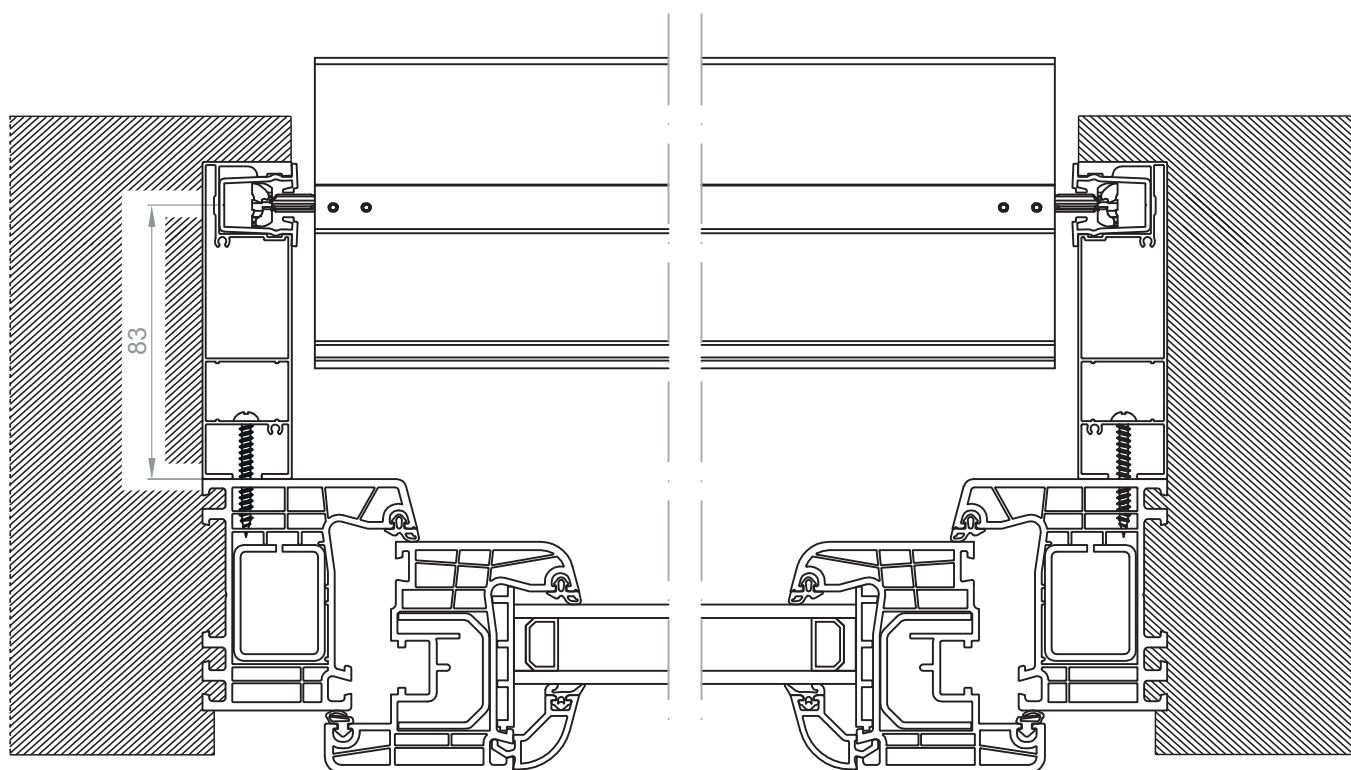
**for TYPE C, D**

## ASSEMBLY OF GUIDE RAILS

Installation of the **F-FBR-010** facade shutter guide adapter with the **F-PP-20** guide



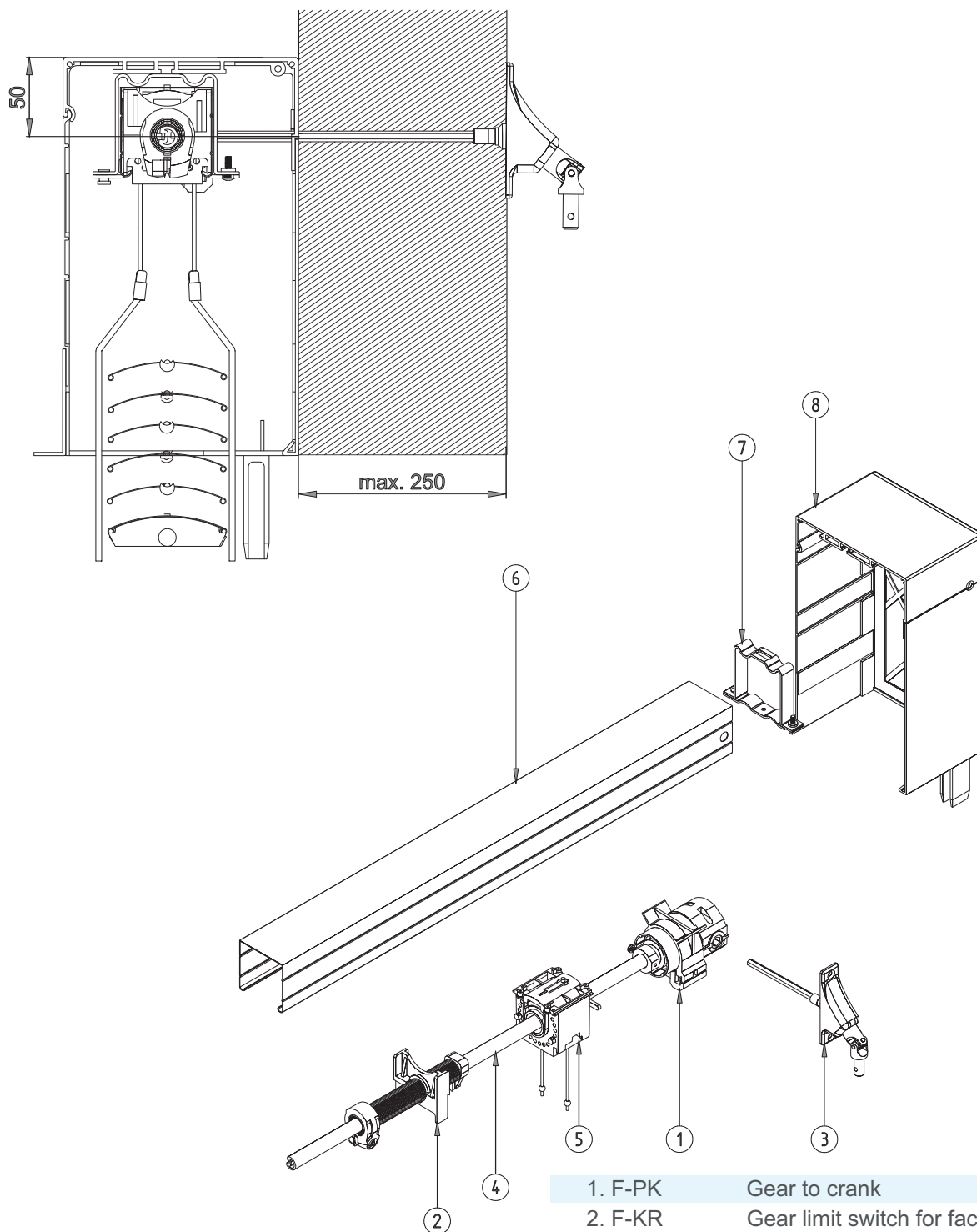
Installation of the **F-FBR-030** facade shutter guide for building-in





## CRANKSET

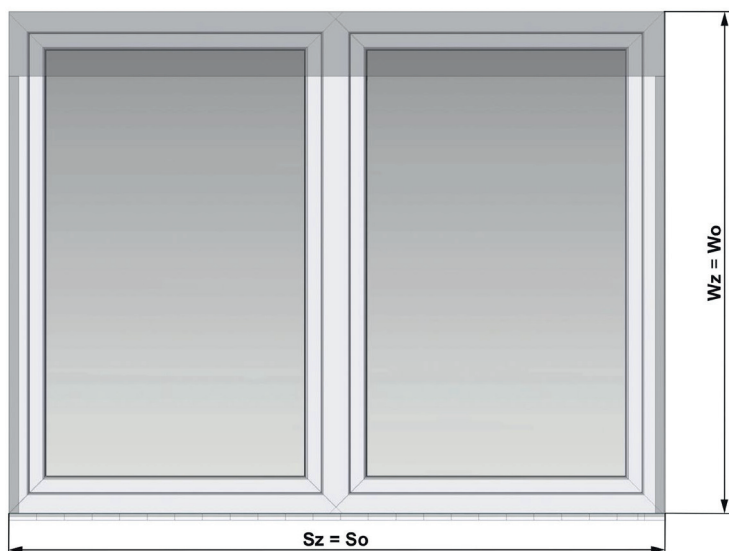
Mounting the lifting crank mechanism in the BX box:



- |              |                                      |
|--------------|--------------------------------------|
| 1. F-PK      | Gear to crank                        |
| 2. F-KR      | Gear limit switch for facade shutter |
| 3. F-PZ-90   | Grommet 90, 6KT 6 mm                 |
| 4. F-MZP-C80 | Rolling and lifting mechanism C80    |
| 5. F-MZP-Z90 | Rolling and lifting mechanism Z90    |
| 5. F-R-060   | Winding tube for facade shutter      |
| 6. F-RN      | Top gutter                           |
| 7. F-USG     | Top rail holder                      |
| 8.           | Box ZF3000-BX 250, 300, 350          |

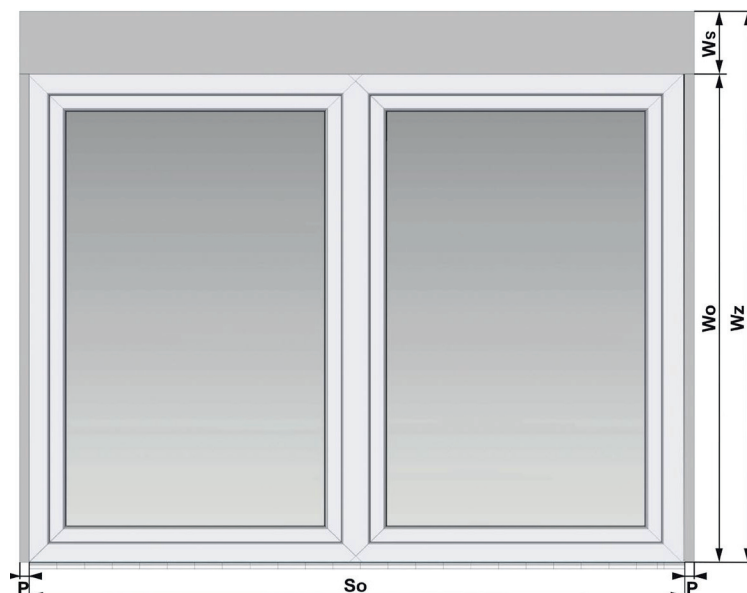
## DIMENSIONING

### INSTALLATION IN A RECESS



Sz - shutter width  
 So - opening width  
 Wz - shutter height  
 Wo - the height of the opening  
 along with the height of the box  
 $Sz = So^*$   
 $Wz = Wo$

### INSTALLATION ON THE FACADE / FOR BUILDING-IN



So - opening width  
 Wz - shutter height  
 Ws - box height  
 Wo - opening height  
 P - guide width (27 mm)  
 $Wz = Wo + Ws$   
 Installation on the facade:  
 $Sz = So + 2 \times P$   
 Built-in installation:  
 $Sz = \text{window width}^*$

#### ATTENTION

WHEN INSTALLING IN A RECESS, ENSURE THAT THE WIDTH AND HEIGHT OF THE RECESS IS THE SAME AT ALL POINTS. IF DIFFERENT, TAKE THE SMALLEST DIMENSION OR MAKE AN APPROPRIATE CORRECTION OF THE HOLE.

\* - It is recommended to take into account the assembly clearance, which ensures easy processing of the window work.