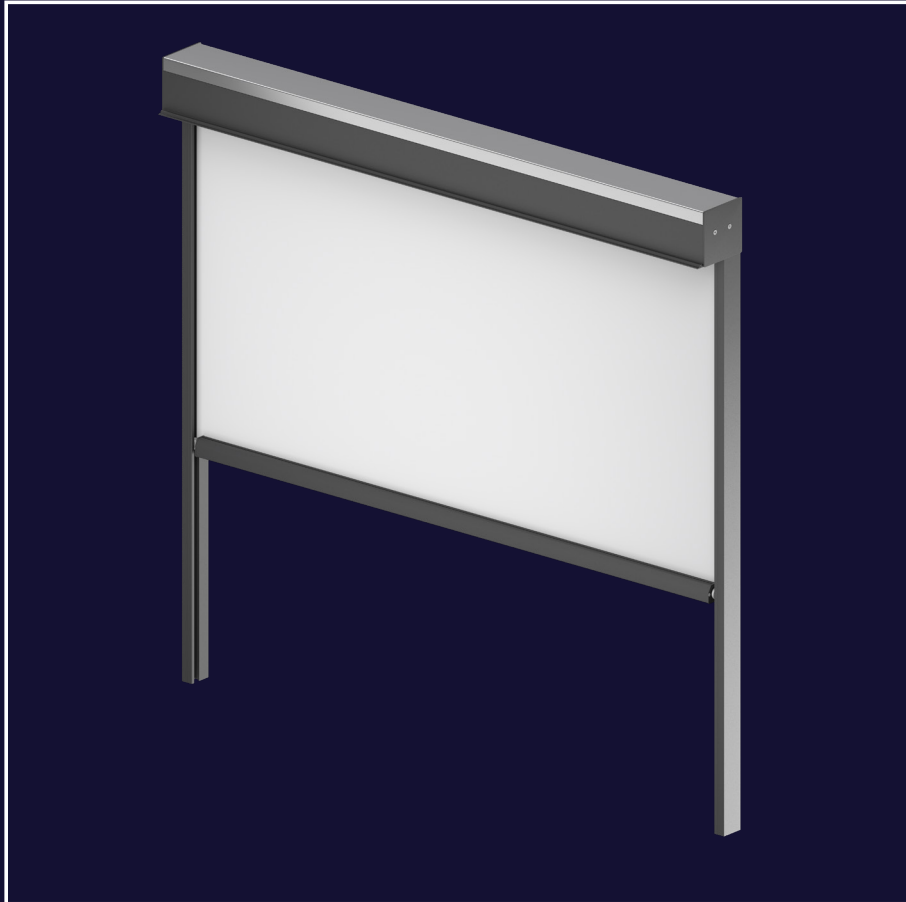


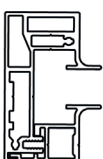
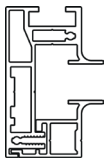
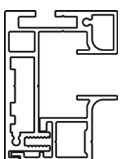
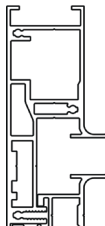
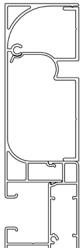


 Technical supplement – **SCREENS**

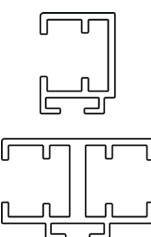
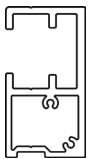
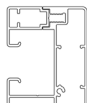
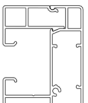
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Guide channels for individual systems

Box	Variant						
	G400Z - 05	G40Z	G40Z - 04	G40Z - 03	PP SRS/35/T + PP SRS/P	PPZ SRS/35/T + PPZ SRS/P	PPZ SRS/35/T + PPZ SRS/35/120/P
System							
Ziip95			✓				
Ziip 100					✓	✓	
Ziip 160						✓	✓
Ziip 120, Ziip 120 for built-in installation*	✓	✓					
Ziip Box 1	✓	✓					
Ziip Box 2				✓			

Guide channels for individual systems

Box	Variant						
	GC30F, GC30FD	GC30R	GC30	G31	G80	PP SRS/35/T + PP SRS/P	PPZ SRS/35/T + PPZ SRS/P
System							
R 100						✓	✓
R 120, R 120 for built-in installation*	✓	✓	✓				
MR 120, MR 120 for built-in installation*	✓	✓	✓				
	✓		✓		✓		
R 103	✓		✓				
MR 103	✓		✓	✓	✓		
R 90				✓	✓		
R 76	✓		✓				
R 95							

Other guide channel options for individual systems

Variant	Box										
	R 125	R 120	R 103	R 90	R 85 SA/MA	R 85 A	R 76	R XXL	R XL	R XL MA	R XS
Cable guide	✓	✓	✓	✓			✓	✓	✓	✓	✓
No guide channel					✓	✓					

Brackets for guide rails

Bracket types	Guide channels				Systems ZIIIP	
	GC30F	GC30FD	G80	G31	ZIIIP 120, ZIIIP 120 DZ, ZIIIP 120 Large G40Z	ZIIIP 95 G40Z-04
Reflex/louvre-style adjustable handle	✓	✓			✓	✓
Veranda bracket	✓	✓			✓	
Telescopic round				✓		
Clips			✓	✓		

FASTENING QUANTITY TABLES
FOR CASSETTE SYSTEMS

cassette width [mm]	Number of mounting pairs
800-1500	2
1501-2000	3
2001-3000	4
3001-4000	5

FASTENING QUANTITY TABLES
FOR GUIDE RAIL SYSTEMS

HEIGHTGUIDE CHANNEL [mm]	Number of handles
800-1500	2
1501-2000	3
2001-3000	4
3001-4000	5

Fabrics - Parameters

Name of the fabric	Composition	Weight	Thickness	Beam		Tensile strength	Tear resistance	Application
				Width	Coil			
SOLTIS 99	PVC Poliester	290 g/m ²	0,32 mm	177 cm and se- lected colours 267 cm	~ 50 mb ~ 40 mb	160 daN/5cm frame 170 daN/5cm thread wg EN ISO 1421	11 daN frame 13 daN thread wg DIN 53.363	Internal
VEROGLIM Acoustics	Trevira CS	220 g/m ²	0,43 mm	240 cm	~ 50 mb			Indoor, sound absorption class C according to DIN EN ISO 11654
SUNWORKER	PVC Poliester	300 g/m ²	0,42 mm	300 cm	~ 30 mb	220 daN/5cm frame 150 daN/5cm thread NF EN ISO13934-1	70 daN frame 35 daN thread wg DIN 53363	Internal and external
SOLTIS 92	PVC Poliester	420 g/m ²	0,45 mm	177 cm and se- lected colours 267 cm	~ 50 mb ~ 40 mb	310 daN/5cm frame 210 daN/5cm thread wg EN ISO 1421	45 daN frame 20 daN thread wg DIN 53.363	Internal and external
POLYSCREEN 350	75% PVC 25% Poliester	400 g/m ²	0,53 mm	250 cm	~ 27 mb	153 daN/5cm frame 136 daN/5cm thread	4,9 daN frame 4,7 daN thread	Internal
SERGE 600	42% Glass fibre 58% Poliester	525 g/m ²	0,74 mm	320 cm and se- lected colours 350 cm	~ 30 mb	260 daN/5cm frame 225 daN/5cm thread ISO 1421	8,5 daN frame 7,5 daN thread ISO 4674-1 m. 2	Internal and external
SERGE 1% (SERGE100)	42% GLASFIBRE 58% PVC	638 g/m ²	0,78 mm	270 cm	~ 30 mb	321 daN/5cm frame 277 daN/5cm thread UNE EN ISO 1421	5,9 daN frame 6,2 daN thread UNE EN ISO 4674-1	Internal and external
POLYSCREEN 550	85% PVC 15% Poliester	610 g/m ²	0,78 mm	250 cm	~ 18 mb	174 ±10 daN/5cm frame 133 ±20 daN/5cm thread wg EN ISO13934- 1:1999	6,6 ± 7 daN frame 5,3 ±10 daN thread wg EN ISO13937- 3:2001	Internal and external
POLYSCREEN LUMINOUS	85% PVC 15% Poliester	511-612 g/m ²	0,77 mm- 0,90 mm	250 cm	~ 18 mb			Internal and external
SERGE 60 BO Lunar	33% Glass fibre 47% PVC 20% PVC Laminat	678 g/m ²	0,73 mm	210 cm	~ 30 mb	224,2 daN/5cm frame 176,6 daN/5cm thread ISO 1421	8,5 daN frame 9 daN thread ISO 4674-1 m. 2	Internal and external
POLYSCREEN 314 BLACK OUT*	80% PVC 20% Poliester+ Laminat	610 g/m ²	0,66 mm	200 cm	~ 20 mb	147 daN/5cm frame 91 daN/5cm thread wg EN ISO 13934- 1:1999	4,4 daN frame 2,5 daN thread wg EN ISO13937- 1:2001	Internal
Acrylic awning fabrics	Akryl	300 g/m ²	0,55 mm	120 cm	~ 60 mb	140 this 145 daN/5cm frame 95 this 100 daN/5cm thread DIN EN ISO13934-1	3,5 this 4 daN frame 2,3 this 3 daN thread DIN EN ISO13937-2	external
Waterproof acrylic fabrics	Akryl PU	330 g/m ²	0,60 mm	120 cm	~ 60 mb	150 daN/5cm frame 95 daN/5cm thread DIN EN ISO13934-1	3,4 daN frame 3,4 daN thread DIN EN ISO13937-2	external

* POLYSCREEN 314 BO fabric is a BLACK OUT fabric according to the manufacturer's standards; however, not all colours provide complete blackout at the light intensity specified for this category by the PN-EN 14501 standard (75,000 lux). This means that in very bright external light, faint light leaks may be visible in a completely darkened room, appearing more clearly with lighter fabric colours.

- Certificates: Check availability.

SCREEN R 100, R 100 ZIIP

SCREEN R 100 ZIIP, R 100
Vertical sunshade

APPLICATION

- | | |
|-------------------------|-----|
| · External installation | YES |
| · Internal installation | NO |

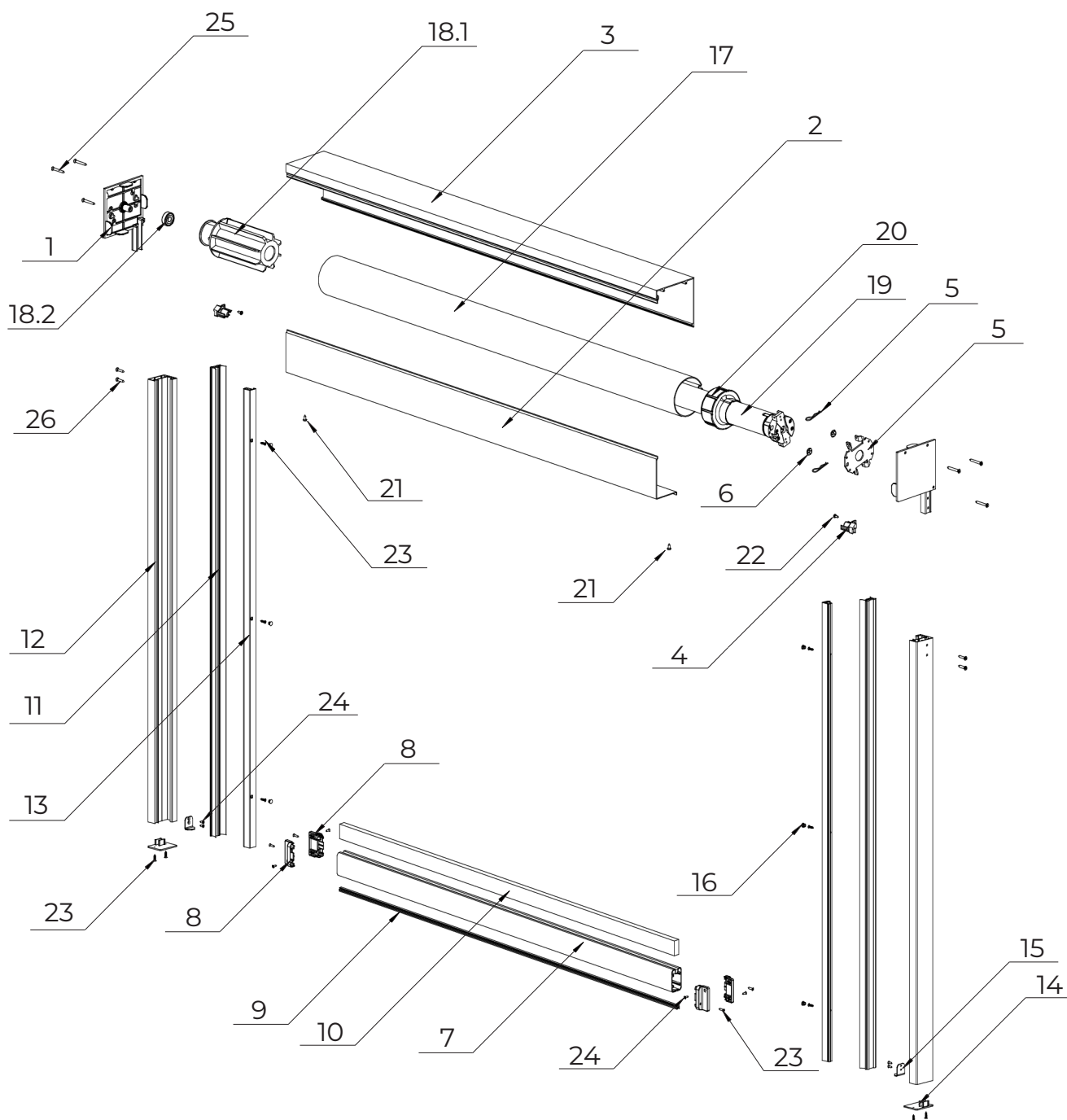
PRODUCT CHARACTERISTICS

- Cassette for external installation, on wall or in recess
- Front access panel of the cassette
- Two-part guide channel with fabric tension profile or without tension profile
- Fabric with a zip to prevent light from shining through between the fabric and the guide
- Wide range of fabrics

TECHNICAL PARAMETERS

- | | |
|-------------------|-------------------|
| · Colour scheme | RAL |
| · Electric drive | YES |
| · Manual drive | NO |
| · Maximum width | 5000 mm |
| · Maximum height | 4800 mm |
| · Maximum surface | 16 m ² |

SCREEN R 100, R 100 ZIIIP
Exploded view



1. End cap
2. Extruded screen box 90° - base
3. Extruded screen box 90° - top
4. Stopper
5. Motor bracket
6. Safety ring
7. Aluminium bottom rail
8. Bottom rail side lock
9. Rubber seal
10. Bottom rail load
11. ZIP tensioner
12. Guide channel - rear
13. Guide channel - front
14. Guide channel side lock
15. Stopper

16. PVC cap
17. Round steel reel
18. Telescopic cap
- 18.1. Cap with telescope
- 18.2. Hermetic bearing Ø 28 mm
19. Motor
20. Adaptor and coupling
21. Stainless screw 3,5 x 9,5 mm
22. Galvanised screw 3,5 x 9,5 mm
23. Galvanised screw 2,9 x 13 mm
24. Galvanised screw 2,9 x 9,5 mm
25. Stainless screw 2,9 x 16 mm
26. Stainless screw 3,9 x 13 mm

SCREEN R 100, R 100 ZIIIP

Dimensioning

Designations:

A - SCREEN WIDTH [mm]

B - SCREEN HEIGHT [mm]

H_s - BOX HEIGHT [mm]

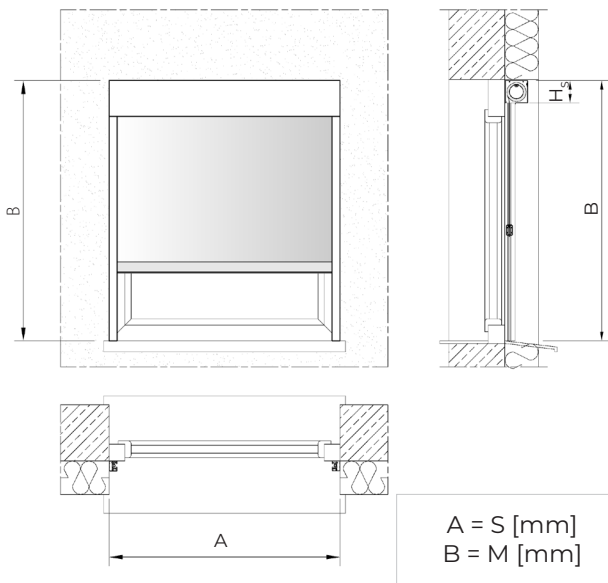
M - RECESS HEIGHT [mm]

S - RECESS WIDTH [mm]

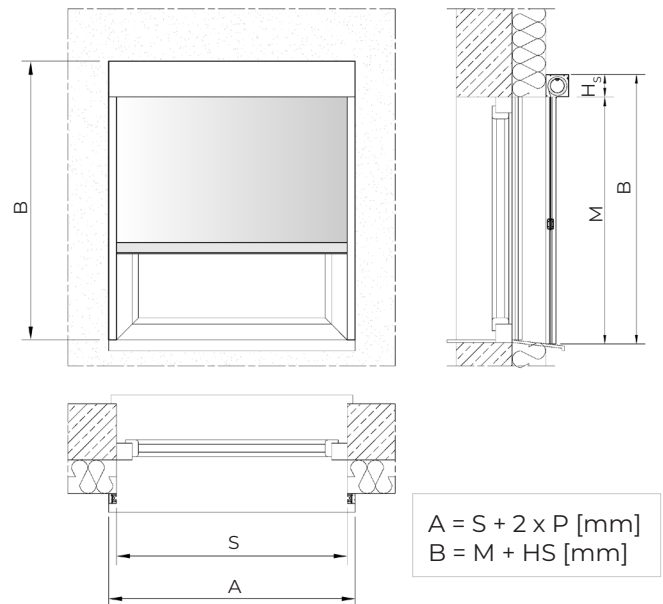
NOTE:

The size of the box should be taken into account when determining dimensions.

Mounting in the recess

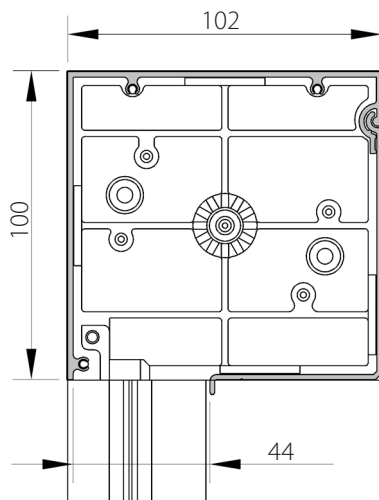


Wall mounting



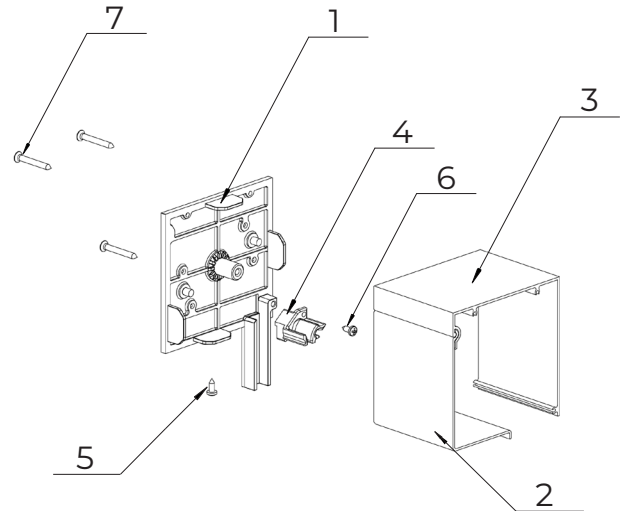
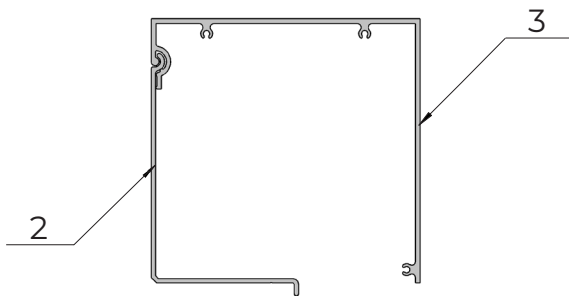
SCREEN R 100, R 100 ZIIIP

Box size



SCREEN R 100, R 100 ZIIIP

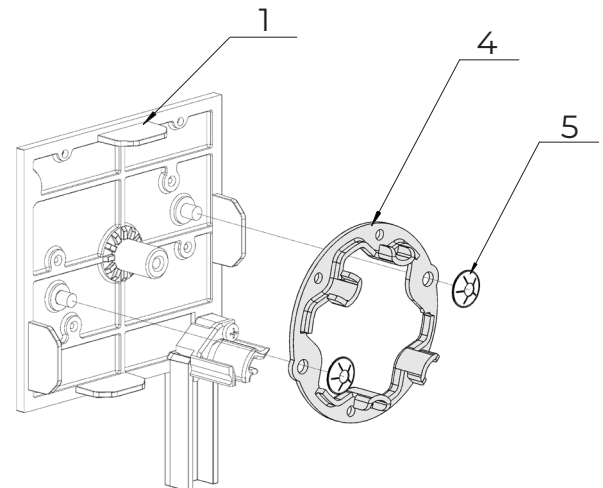
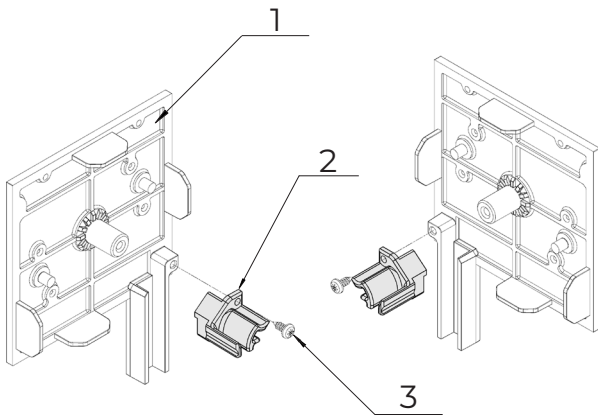
List of components



1. End cap PBS90 SRS/100
2. Extruded screen box 90° - down SRS90E/2/D/100
3. Extruded screen box 90° - UP SRS90ES/G/100
4. Stopper ST SRS/1
5. Stainless screw 3,5 x 9,5 mm WKR/A2/STX15/3,5x9,5
6. Galvanised screw 3,5 x 9,5 mm WKR/Zn/W/3,5x9,5
7. Stainless screw 2,9 x 16 mm WKR/A2/STX10/2,9x16

SCREEN R 100, R 100 ZIIIP

End cap assembling

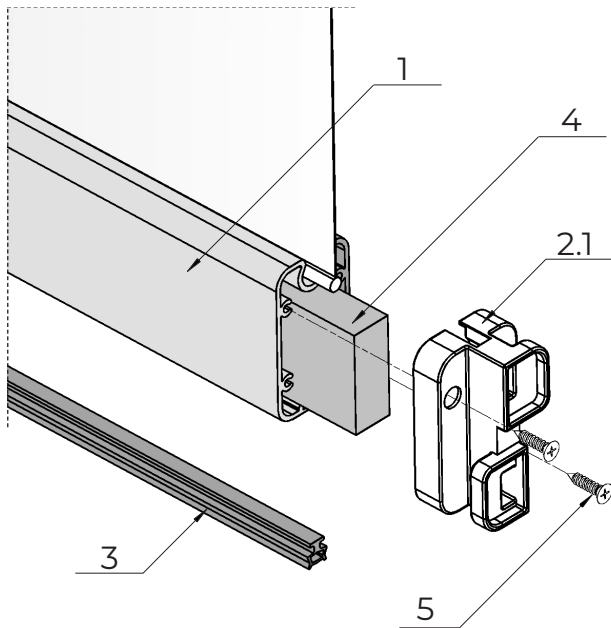


1. End cap - PBS90 SRS/100
2. Stopper - ST SRS/1
3. Galvanised screw 3,9 x 9,5 mm - WKR/Zn/W/3,9x9,5
4. Motor bracket - WAM SRS
5. Safety ring - QL5

SCREEN R 100, R 100 ZIIIP

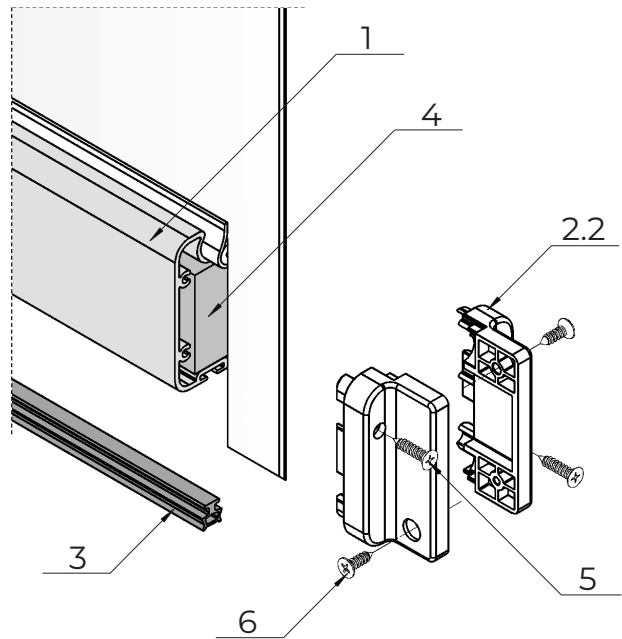
Bottom rail - List

Variant R 100



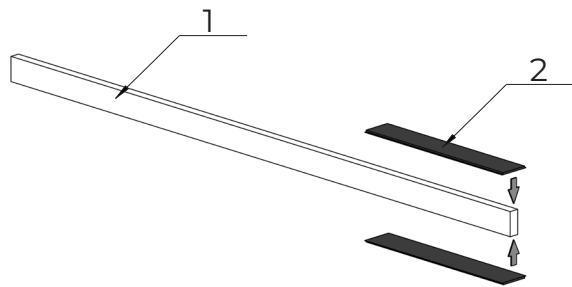
1. Aluminium bottom rail BOA SRS
- 2.1. Bottom rail side lock Z BOA SRS
3. Rubber seal U8/LD
4. Bottom rail load D/BOA 30/12
5. Galvanised screw 2,9 x 13 mm WKR/Zn/S/2,9x13

Variant R 100 ZIIIP

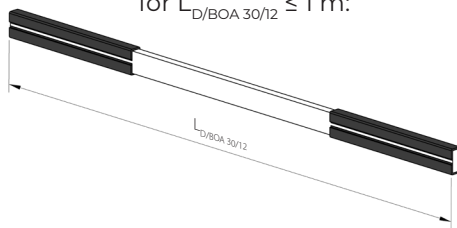


1. Aluminium bottom rail BOA SRS
- 2.2. Bottom rail side lock Z BOA SRS/ZIP
3. Rubber seal U8/LD
4. Bottom rail load D/BOA 30/12, D/BOA 20/6
5. Galvanised screw 2,9 x 13 mm WKR/Zn/S/2,9x13
6. Galvanised cone screw 2,9 x 9,5 mm WKR/Zn/S/2,9x9,5

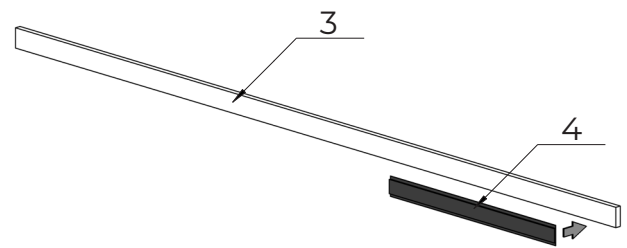
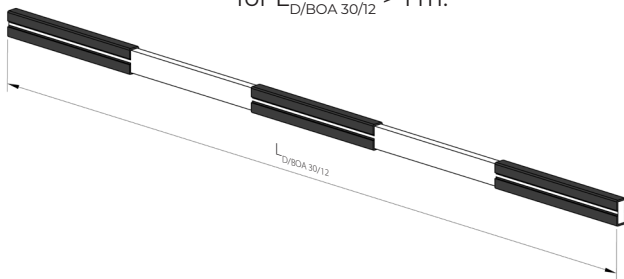
SCREEN R 100, R 100 ZIIIP
Installation of the bottom rail load



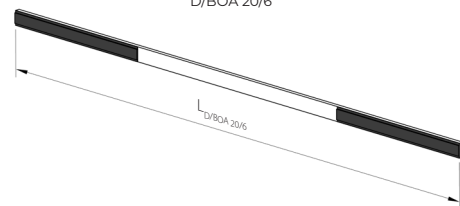
for $L_{D/BOA\ 30/12} \leq 1\text{ m}$:



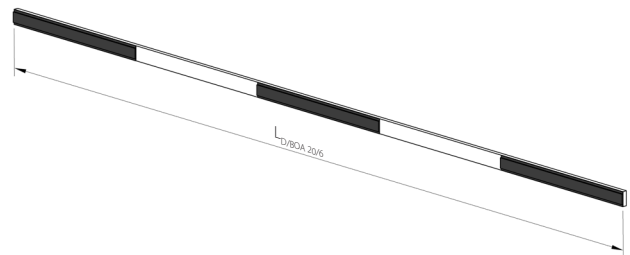
for $L_{D/BOA\ 30/12} > 1\text{ m}$:



for $L_{D/BOA\ 20/6} \leq 1\text{ m}$:

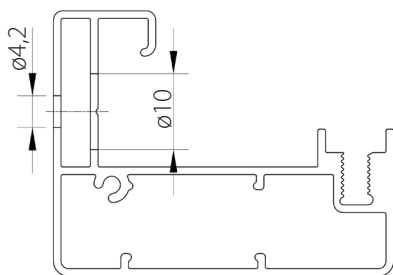


for $L_{D/BOA\ 20/6} > 1\text{ m}$:

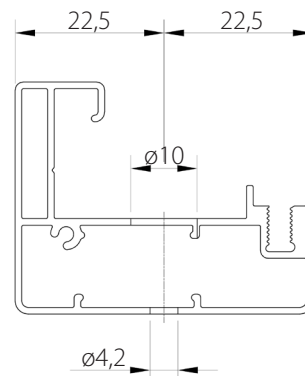


1. Bottom rail load D/BOA 30/12
2. Self-adhesive Velcro tape TRS/30
3. Bottom rail load D/BOA 20/6
4. Self-adhesive Velcro tape TRS/16

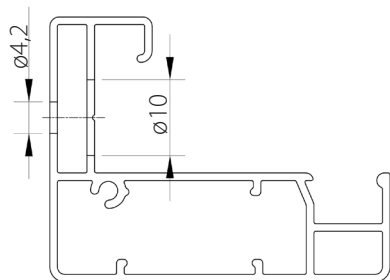
SCREEN R 100, R 100 ZIIIP
Guide rail installation method.
Front mounting directly to the wall.
PP SRS/35/T



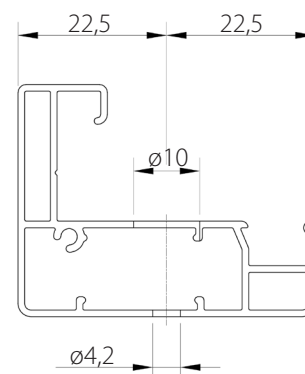
SCREEN R 100, R 100 ZIIIP
Guide rail installation method.
Side mounting directly to the wall.
PP SRS/35/T



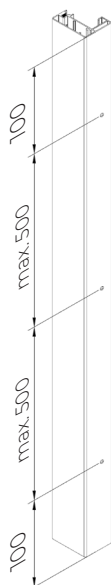
SCREEN R 100, R 100 ZIIIP
Guide rail installation method.
Front mounting directly to the wall.
PPZ SRS/35/T



SCREEN R 100, R 100 ZIIIP
Guide rail installation method.
Side mounting directly to the wall.
PPZ SRS/35/T



SCREEN R 100, R 100 ZIIIP
Hole spacing for guide channel installation

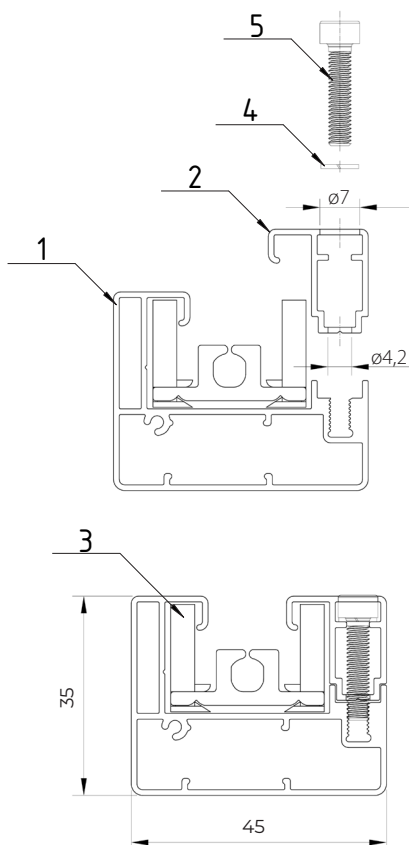


SCREEN R 100 ZIIIP

Guide channels

PP SRS/35/T + PP SRS/P

1. Guide channel - rear PP SRS/35/T
2. Guide channel - front PP SRS/P
3. ZIP tensioner N ZIP S + KN ZIP S
4. Screw washer for guide channel assembly PS/WKR/A2/M4
5. Guide channels assembly bolts WKR/A2/H/M4x22

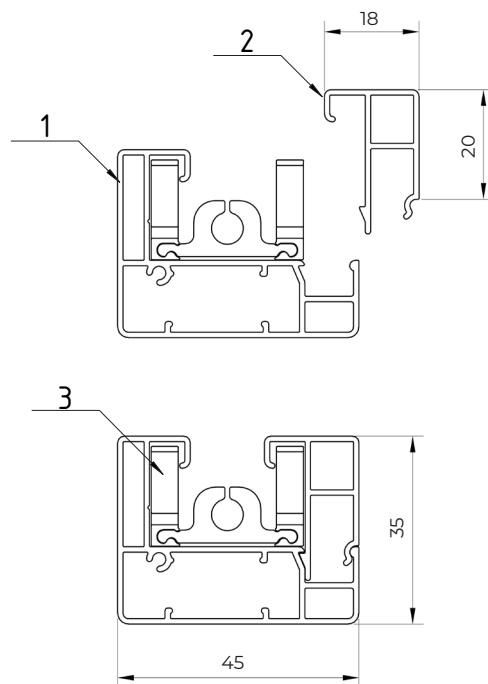


SCREEN R 100 ZIIIP

Guide channels

PPZ SRS/35/T + PPZ SRS/P

1. Guide channel - rear PPZ SRS/35/T
2. Guide channel - front PPZ SRS/P
3. ZIP tensioner N ZIP S + KN ZIP S

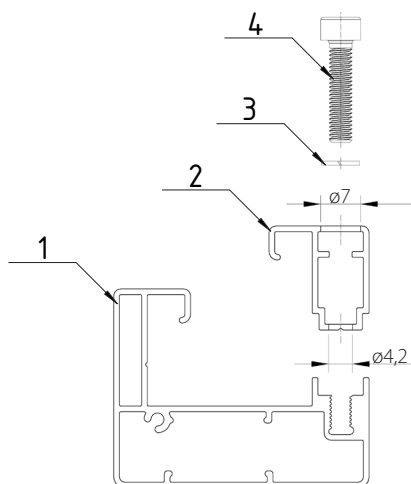


SCREEN R 100

Guide channels

PP SRS/35/T + PP SRS/P

1. Guide channel - rear PP SRS/35/T
2. Guide channel - front PP SRS/P
3. Screw washer for guide channel assembly PS/WKR/A2/M4
4. Guide channels assembly bolts WKR/A2/H/M4x22

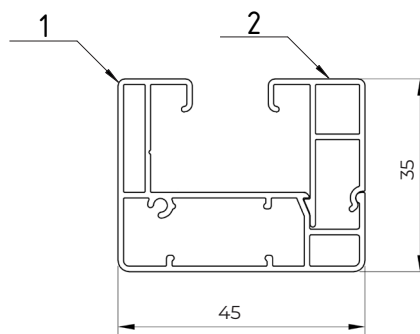


SCREEN R 100

Guide channels

PPZ SRS/35/T + PPZ SRS/P

1. Guide channel - rear PPZ SRS/35/T
2. Guide channel - front PPZ SRS/P

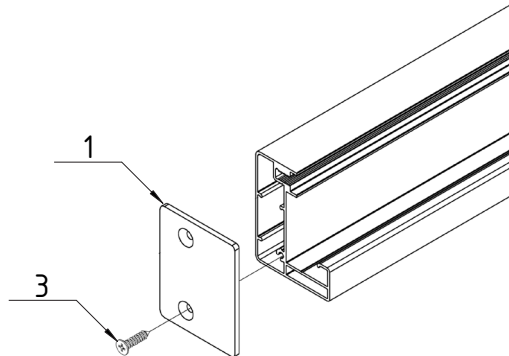


SCREEN R 100, R 100 ZIIIP

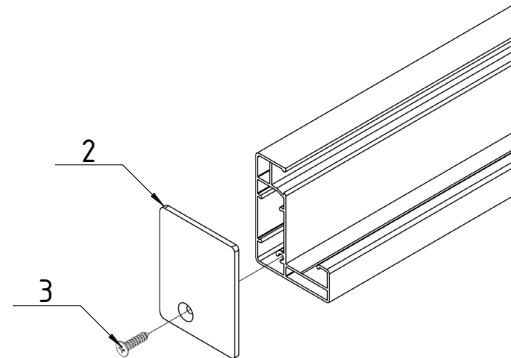
Guide channel side lock

1. ZPP SRS/A/35
2. ZPP SRS/35
3. WKR/Zn/S/2,9x13

PP SRS/35/T

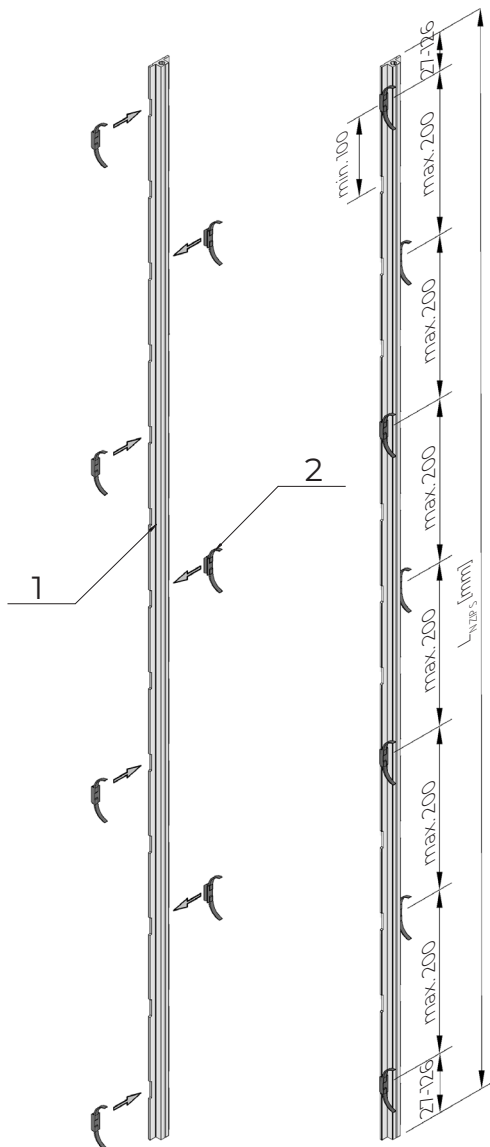


PPZ SRS/35/T



SCREEN R 100 ZIIIP

1. TENSioner N ZIP S
 2. Tensioner clip KN ZIP S
- N ZIP S + KN ZIP S

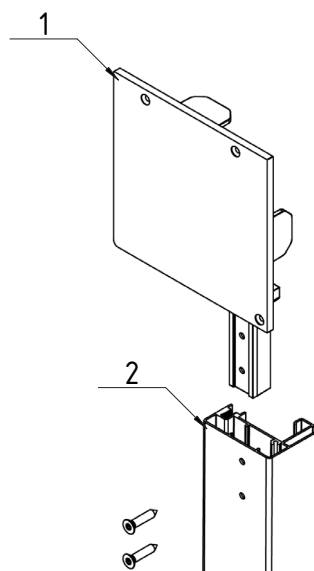


$L_{N\ ZIP\ S}$ [mm]	Recommended amount of KN ZIP S for 1 tensioner. [pcs.]
454÷653	3
654÷853	4
854÷1053	5
1054÷1253	6
1254÷1453	7
1454÷1653	8
1654÷1853	9
1854÷2053	10
2054÷2253	11
2254÷2453	12
2454÷2653	13
2654÷2853	14
2854÷3053	15
3054÷3253	16
3254÷3453	17
3454÷3653	18
3654÷3853	19
3854÷4053	20
4054÷4253	21
4254÷4453	22
4454÷4653	23
4654÷4853	24
4854÷5000	25

SCREEN R 100, R 100 ZIIIP

Installation of side cover with guide channel

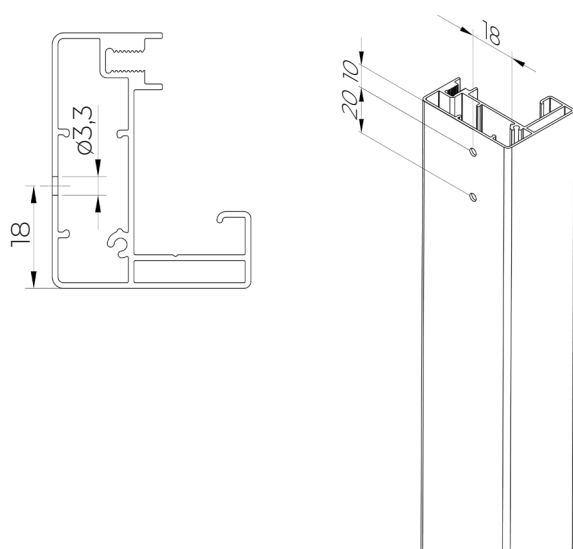
1. End cap
2. Guide channel
3. Stainless screw 3,9 x 13 mm



SCREEN R 100, R 100 ZIIIP

Preparation of guide channel for installation

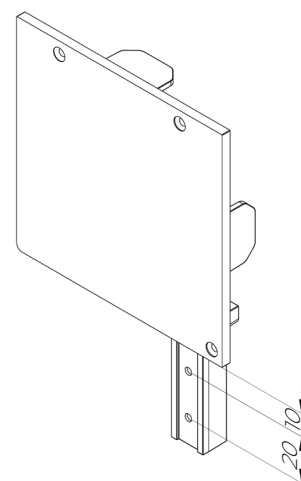
NOTE:
Drill holes with Ø3.3 drill in designated locations



SCREEN R 100, R 100 ZIIIP

Preparation of side cover for installation

NOTE:
Drill holes with Ø3.3 drill in designated locations



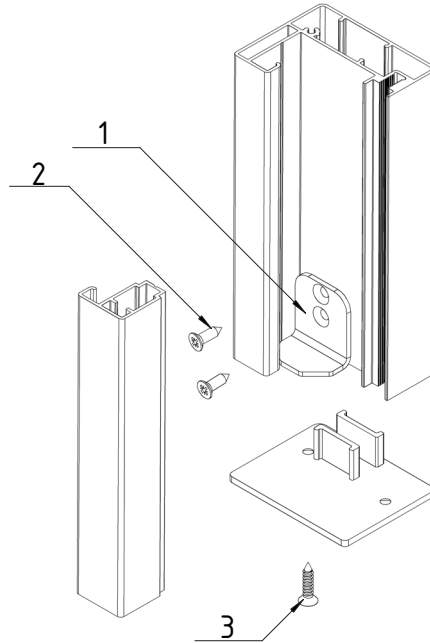
SCREEN R 100, R 100 ZIIIP

Stopper reinforcing the guide channel plug

1. Stopper
2. Galvanised cone screw 2,9 x 9,5 mm
3. Galvanised screw 2,9 x 13 mm

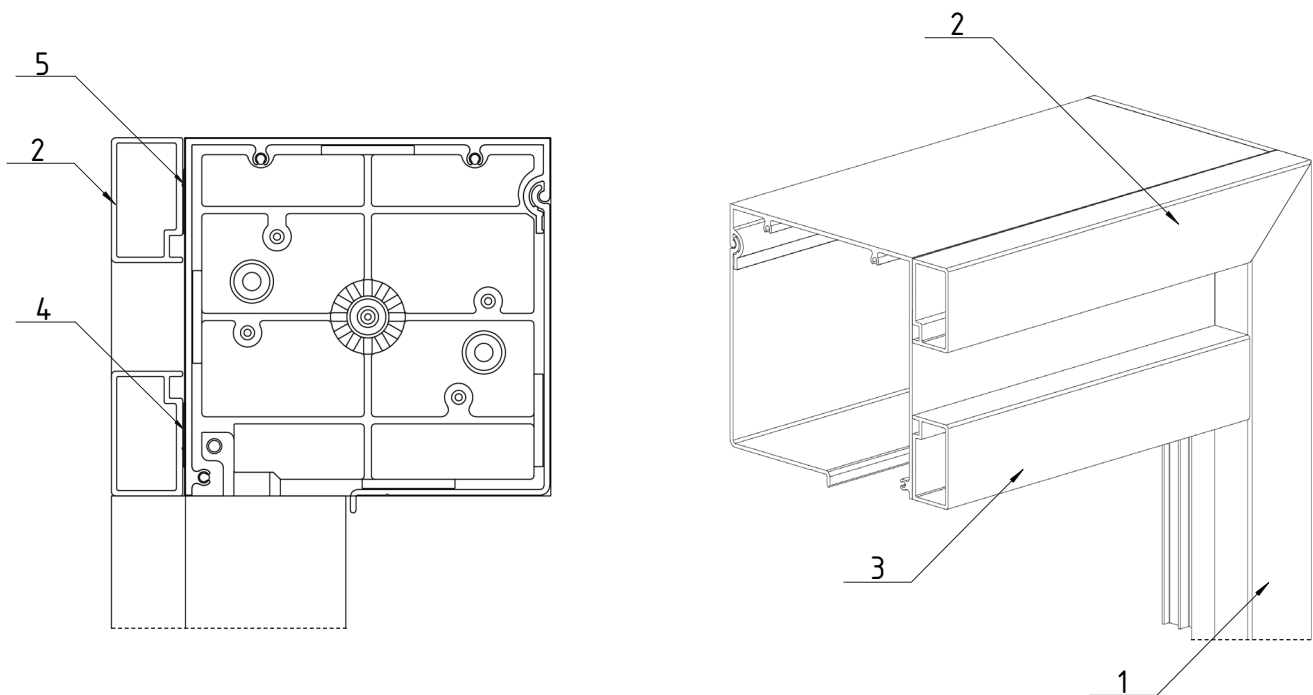
NOTE:

For installation of the stopper with screws, drill two holes in the guide channel with Ø2.5 mm drill



SCREEN R 100, R 100 ZIIIP

Offset using ODS/35/20 - optional



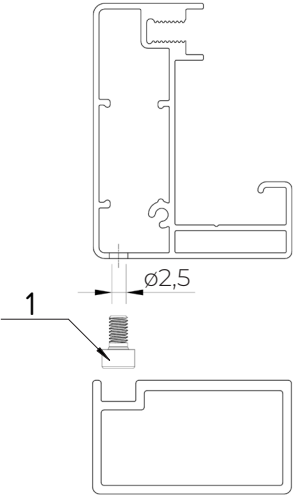
Cutting specification and list of components

	Name of the component	Catalogue code	Comments
1.	Aluminium distance for a guide channel	ODS/35/20	cut at 45° on one side
2.	Aluminium distance for a guide channel		cut at 45° on both sides
3.	Aluminium distance for a guide channel		
4.	Double-sided foam tape	TDP/18	
5..	Double-sided foam tape		

SCREEN R 100, R 100 ZIIIP

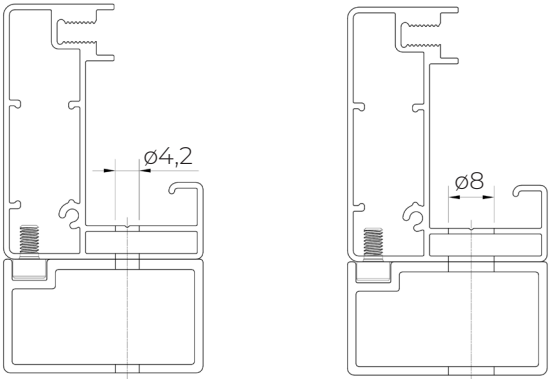
Offset profile installation

1. Galvanised screw M3 x 4 mm WKR/Zn/H/M3x4



SCREEN R 100, R 100 ZIIIP

Installation of spacer with guide channel to the wall

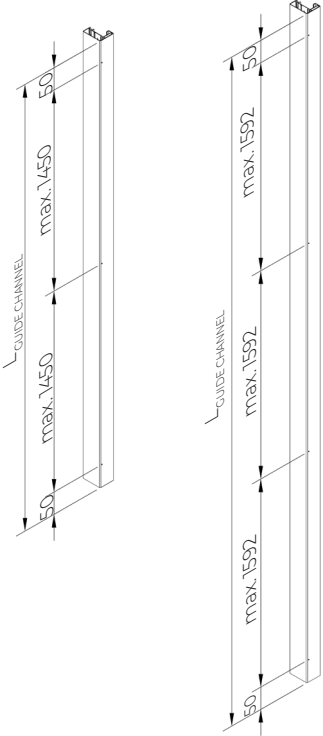


SCREEN R 100, R 100 ZIIIP

Hole spacing for installation of spacer to guide channel

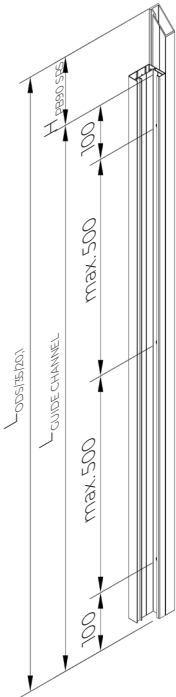
L ≤ 3000 mm

L > 3000 mm



SCREEN R 100, R 100 ZIIIP

Hole spacing for installation of guide channel with spacer to the wall



SCREEN R 125

SCREEN R 125
Vertical sunshade

APPLICATION

- | | |
|-------------------------|-----|
| · External installation | YES |
| · Internal installation | NO |

PRODUCT CHARACTERISTICS

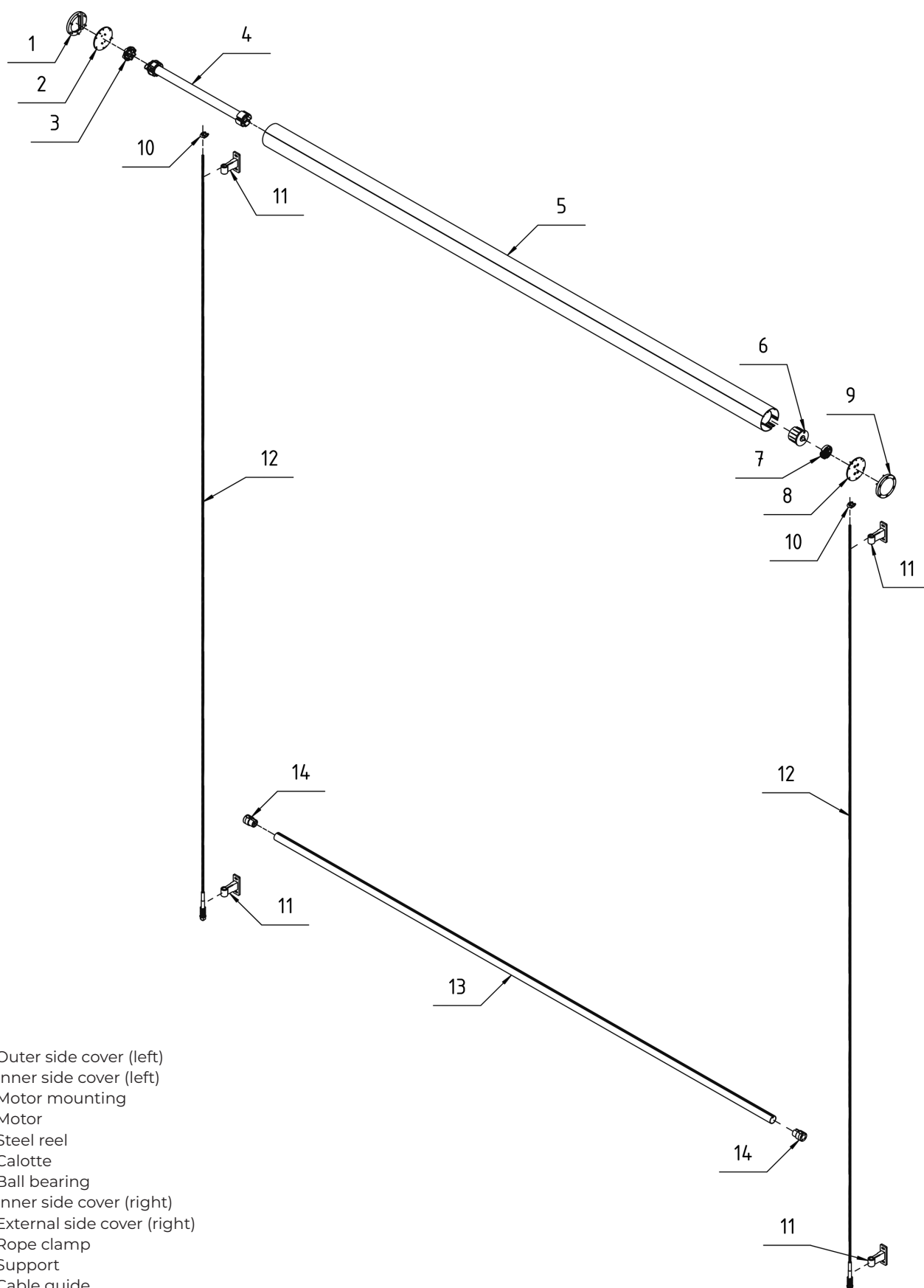
- Round cassette made of extruded aluminium
- 10 mm diameter stainless steel cable guides
- Front access panel of the cassette
- System designed for façade installation
- Option to create vertical modules (up to 8.5 m) in height on a single cable guide
- Wide range of fabrics

TECHNICAL PARAMETERS

- | | |
|------------------|---------|
| · Colour scheme | RAL |
| · Electric drive | YES |
| · Manual drive | NO |
| · Maximum width | 3500 mm |
| · Maximum height | 4250 mm |

SCREEN R 125

Exploded view

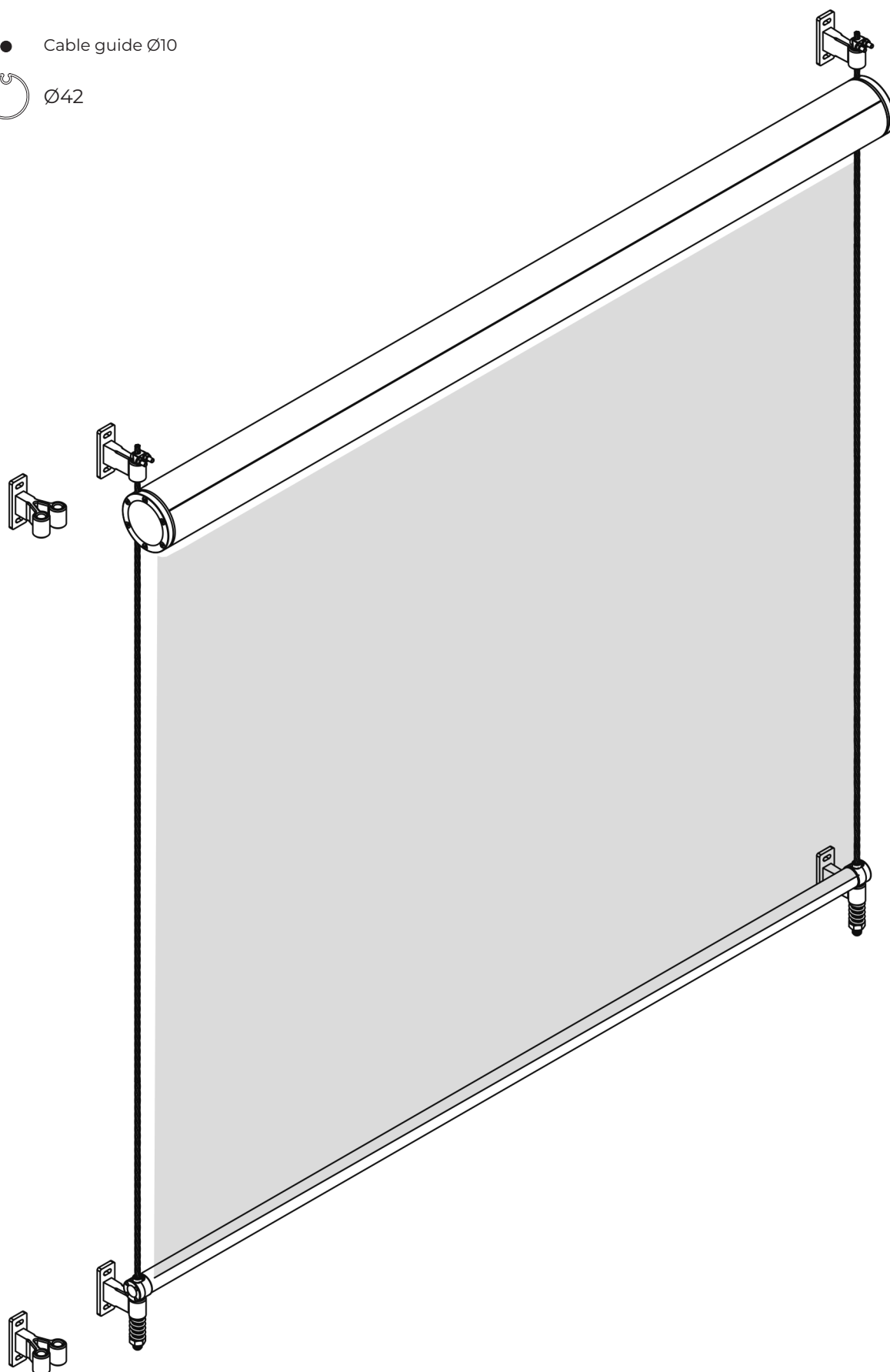


1. Outer side cover (left)
2. Inner side cover (left)
3. Motor mounting
4. Motor
5. Steel reel
6. Calotte
7. Ball bearing
8. Inner side cover (right)
9. External side cover (right)
10. Rope clamp
11. Support
12. Cable guide
13. Bottom rail
14. End slat blind

SCREEN R 125

● Cable guide Ø10

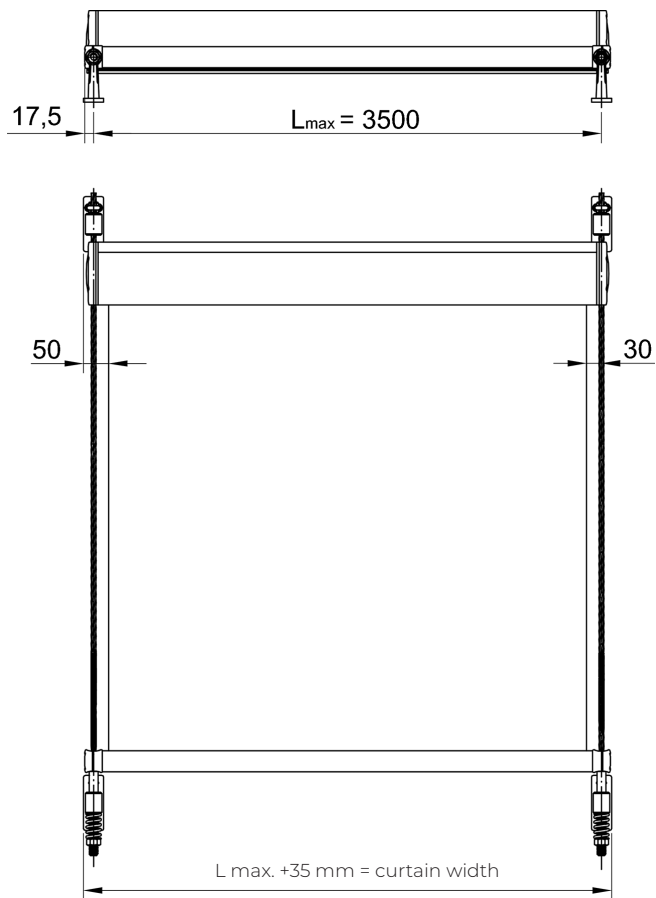
○ Ø42



SCREEN R 125

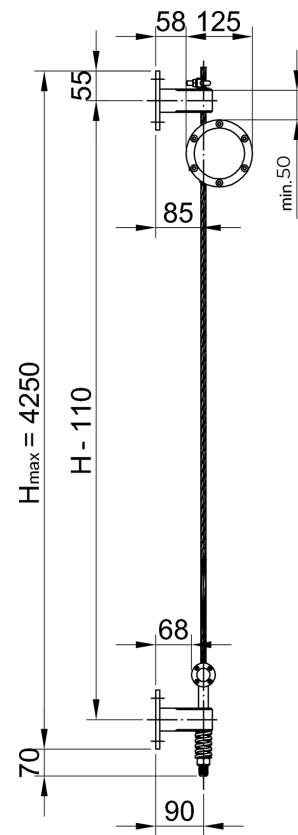
Front and top view

L max. - maximum width measured along the system axis



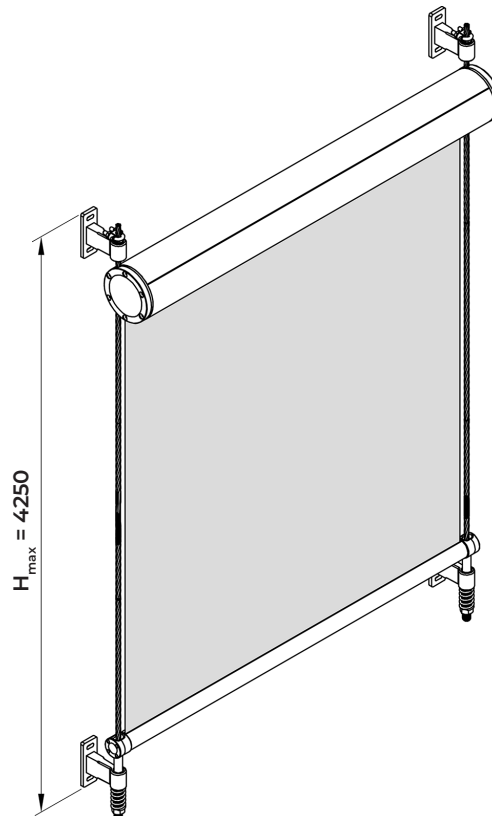
SCREEN R 125

side view



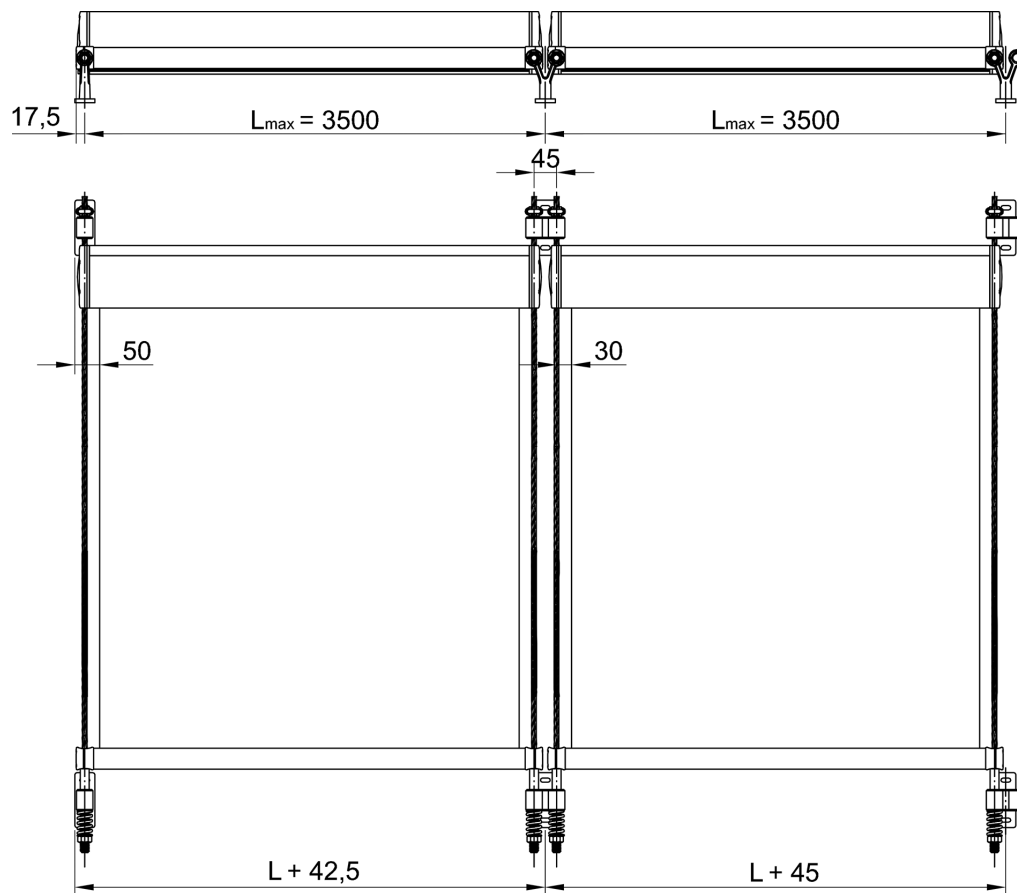
SCREEN R 125

Single installation



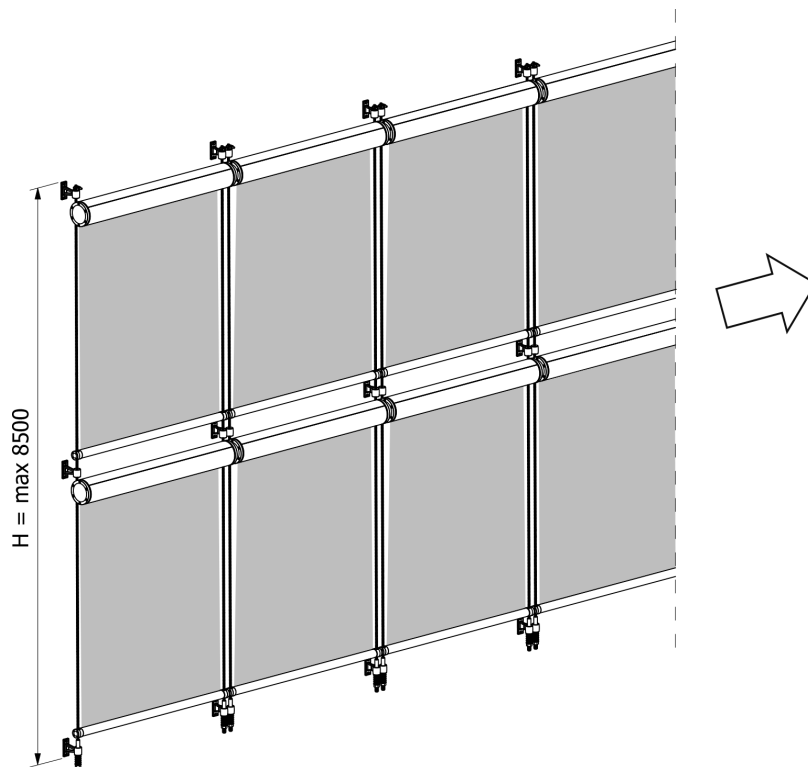
SCREEN R 125

Front and top view in the module



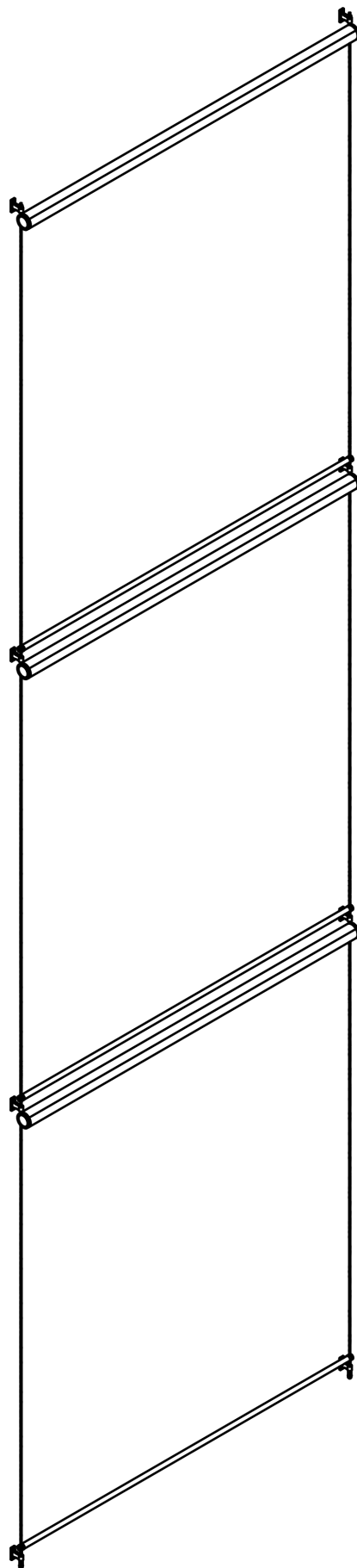
SCREEN R 125

Multi-module installation



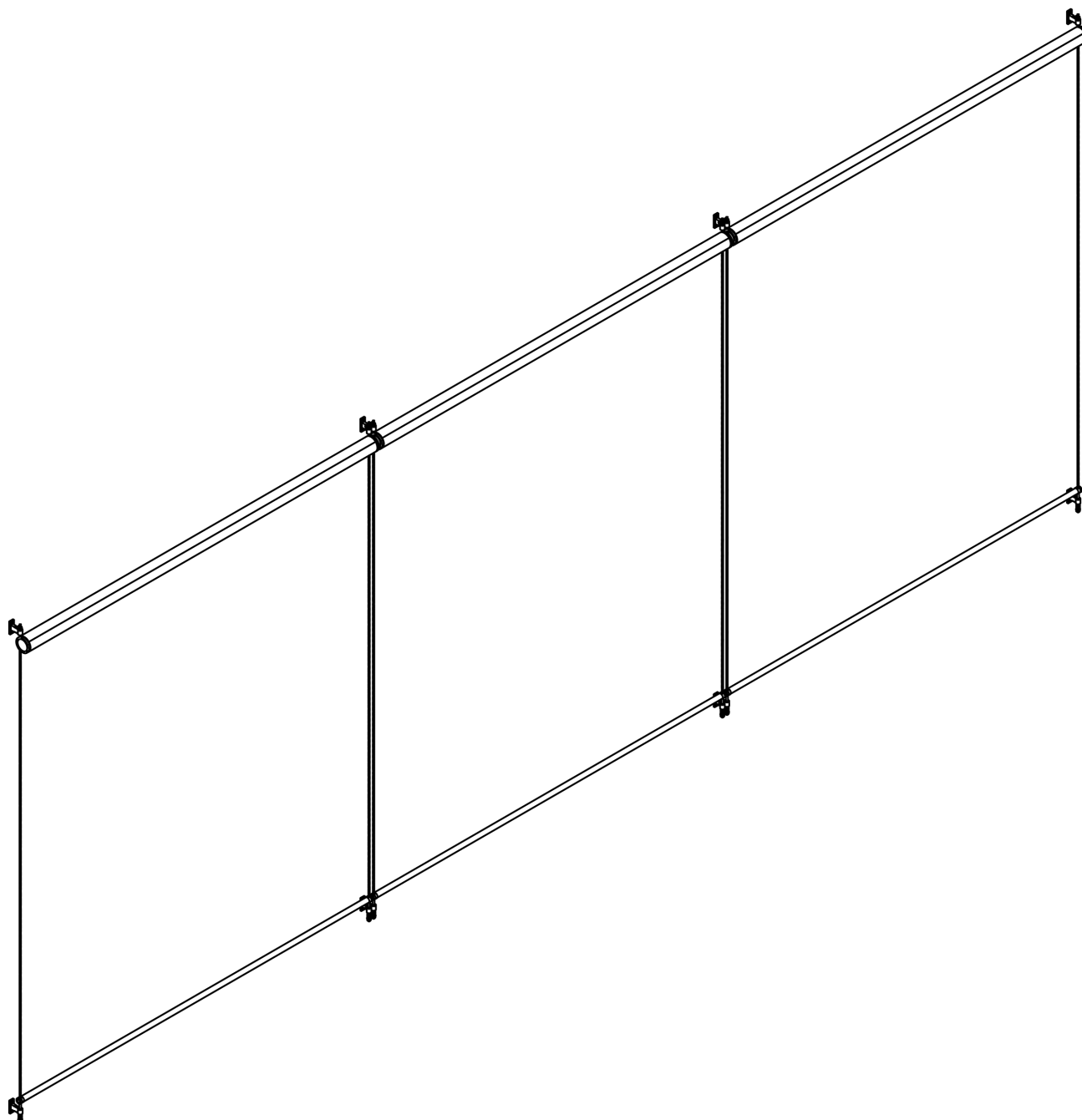
SCREEN R 125

Vertical multi-module installation



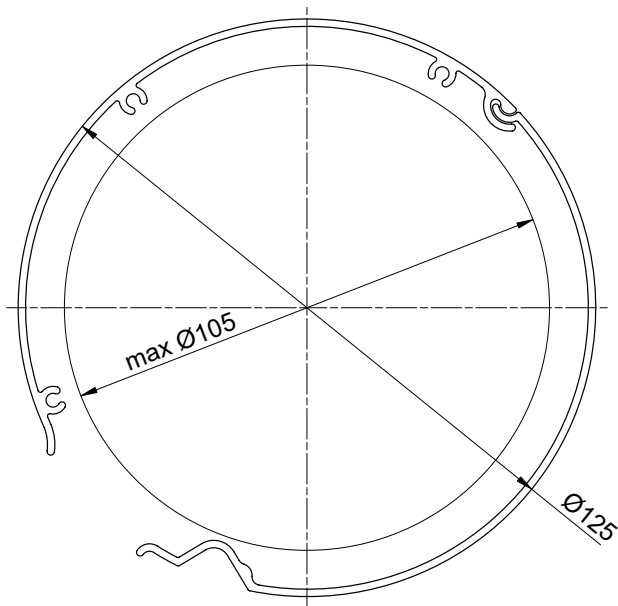
SCREEN R 125

Horizontal multi-module installation



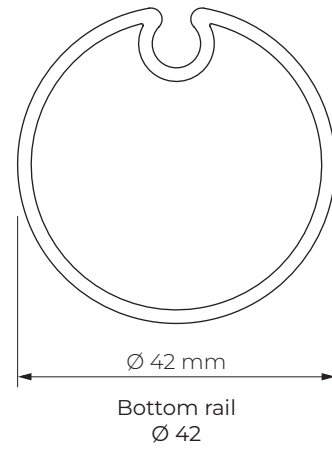
SCREEN R 125

Cross-section of the cassette



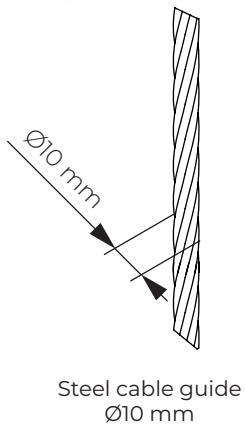
SCREEN R 125

Bottom rail



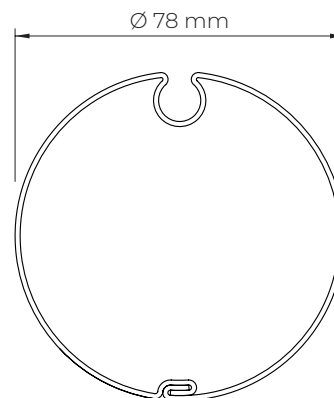
SCREEN R 125

Guide channel



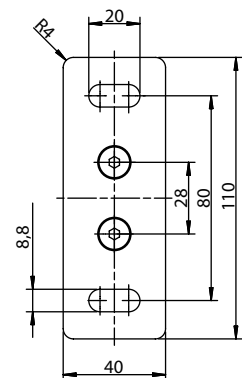
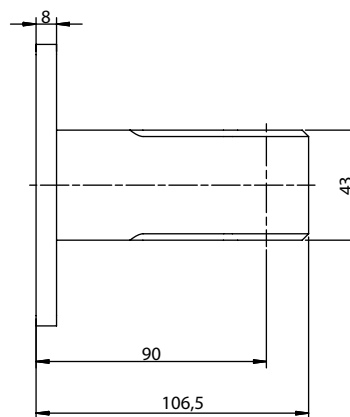
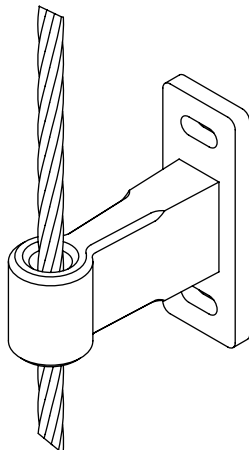
SCREEN R 125

Steel reel

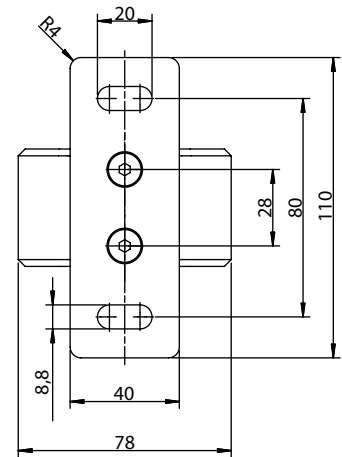
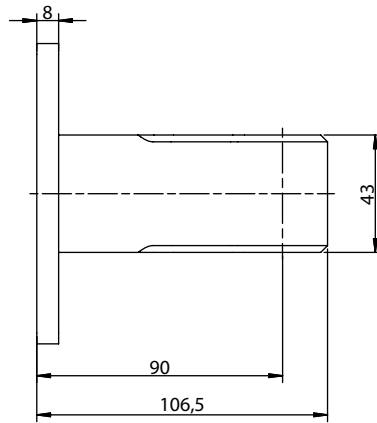
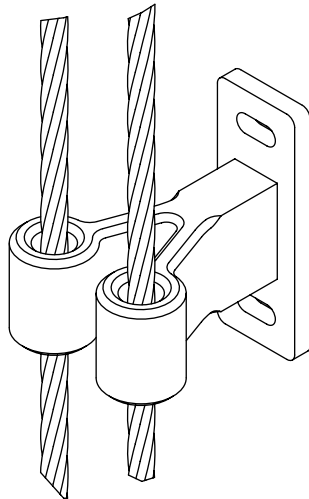


SCREEN R 125

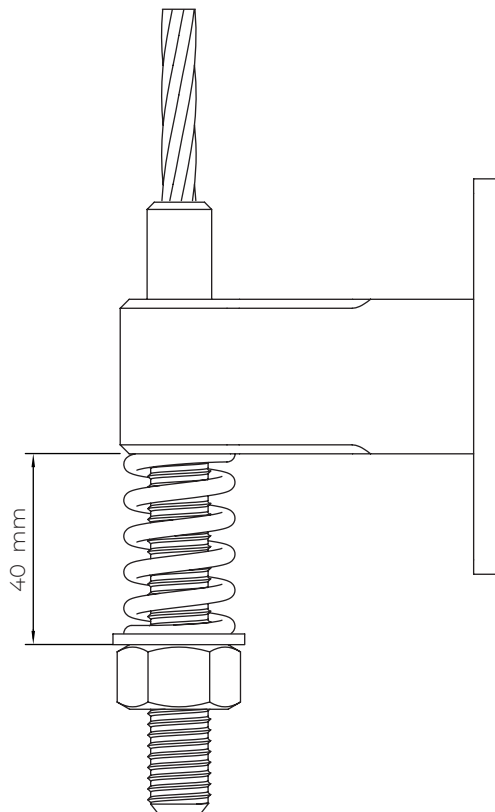
Guide channel



SCREEN R 125
Double bracket



SCREEN R 125
Maximum spring compression 40 mm



SCREEN R 160 ZIIP

SCREEN R 160 ZIIP

Vertical awning, box made of extruded aluminium

APPLICATION

- | | |
|-------------------------|-----|
| • External installation | YES |
| • Internal installation | NO |

PRODUCT CHARACTERISTICS

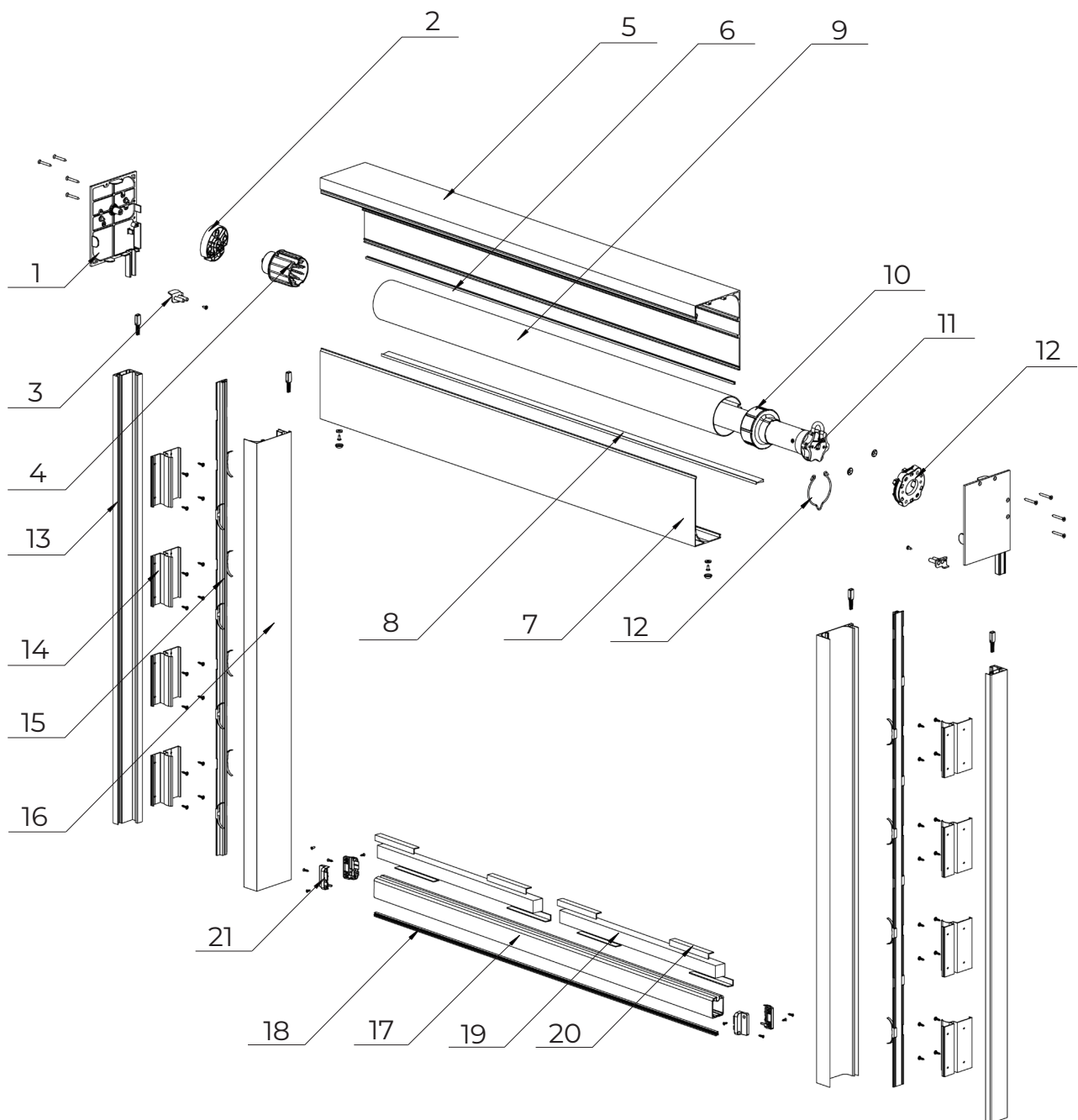
- Cassette for external and recessed installation
- Fabric with a zip to prevent light from shining through between the fabric and the guide
- In the built-in version, two inspection covers allow for easy access and installation
- Two-piece guide with a fabric tensioning profile
- Wide range of fabrics

TECHNICAL PARAMETERS

- | | |
|------------------|---------|
| • Colour scheme | RAL |
| • Electric drive | YES |
| • Manual drive | NO |
| • Maximum width | 5770 mm |
| • Maximum height | 2810 mm |

SCREEN R 160 ZIIIP

Exploded view



- | | |
|-----------------------------------|-------------------------------|
| 1. End cap | 12. Motor bracket |
| 2. Ball bearing | 13. Guide channel - rear |
| 3. Stopper | 14. Base profile |
| 4. Calotte | 15. ZIP tensioner |
| 5. Extruded screen box 90° - top | 16. Guide channel - front |
| 6. Brush seal | 17. Aluminium bottom rail |
| 7. Extruded screen box 90° - base | 18. Rubber seal |
| 8. Brush seal | 19. Bottom rail load |
| 9. Round steel reel | 20. Self-adhesive Velcro tape |
| 10. Adaptor and coupling | 21. Bottom rail side lock |
| 11. Motor | |

SCREEN R 160 ZIIIP

Dimensioning

Designations:

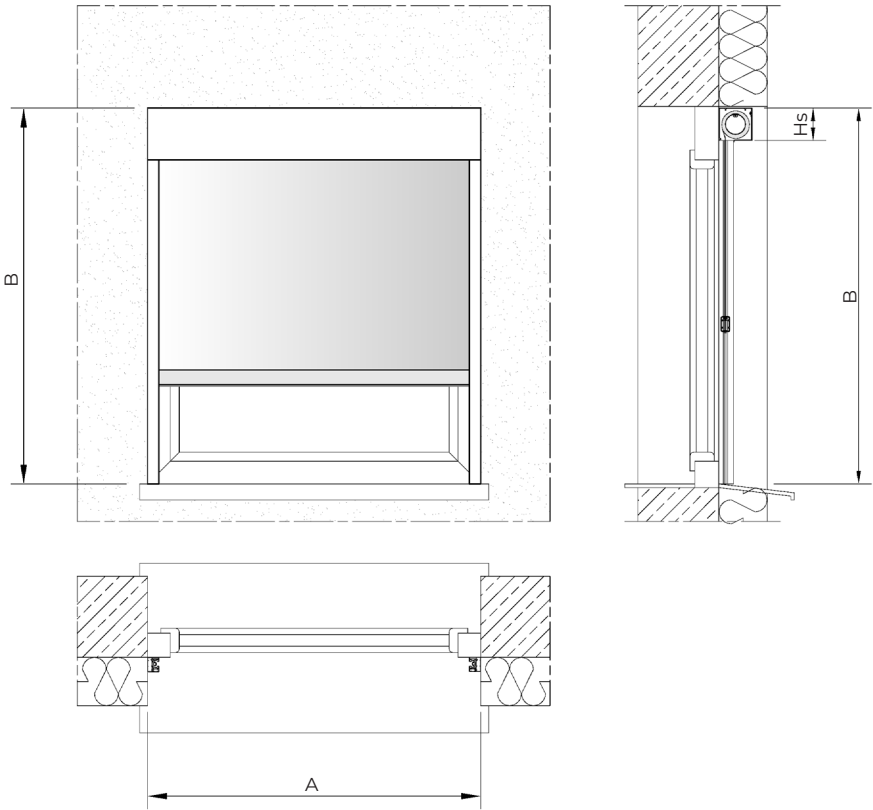
A - SCREEN WIDTH [mm]

B - SCREEN HEIGHT [mm]

H_s - BOX HEIGHT [mm]

NOTE:

When determining screen dimensions, please reduce the measured size by 2 mm.



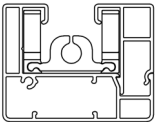
Variant		Maximum width [mm]	Maximum height [mm]	Maximum surface [m ²]
ZIP	Motor	5770	2810	16,22

SCREEN R 160 ZIIIP

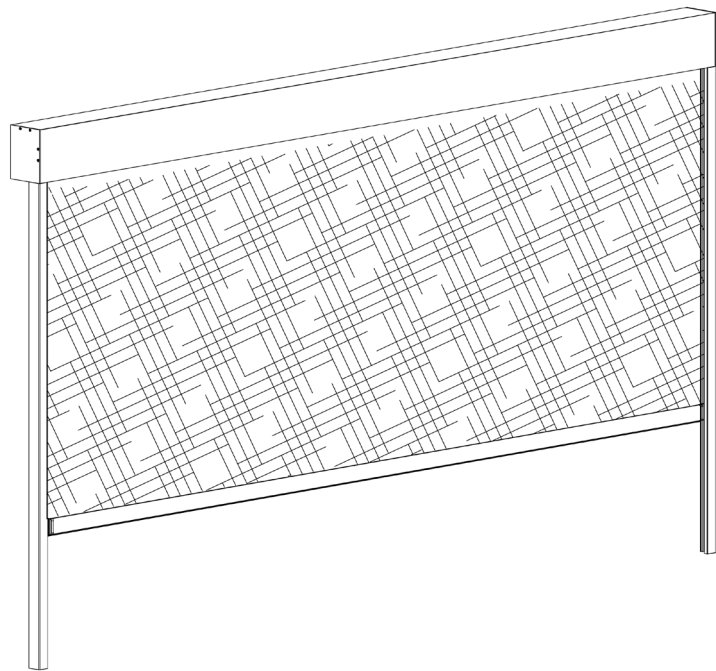
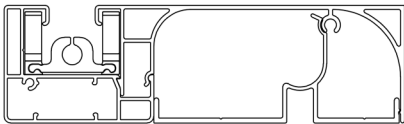
BOA/B SRS



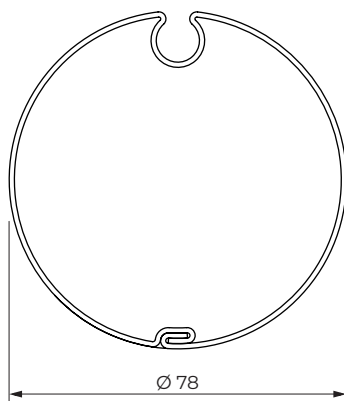
PPZ SRS/35/T + PPZ SRS/P



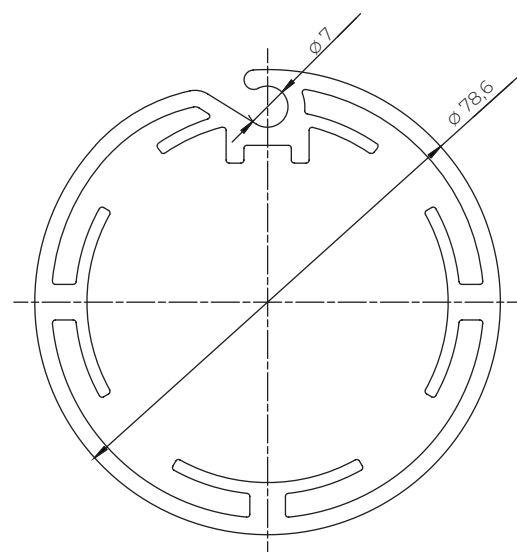
PPZ SRS/35/T + PPZ SRS/35/120/P



SCREEN R 160 ZIIIP Steel reel

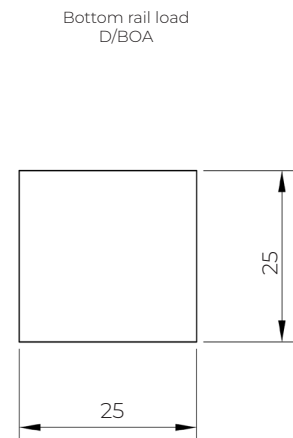
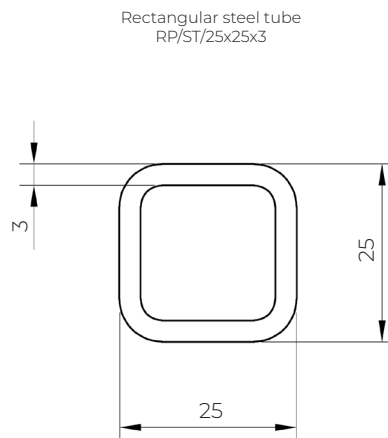
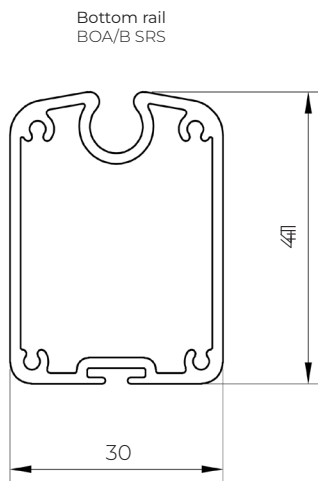


Galvanised roller tube for widths up to 4000 mm

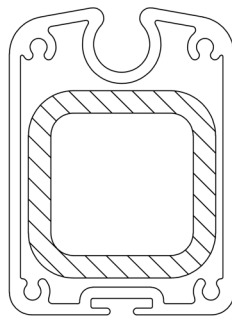


Aluminium winding tube from 4001 mm wide

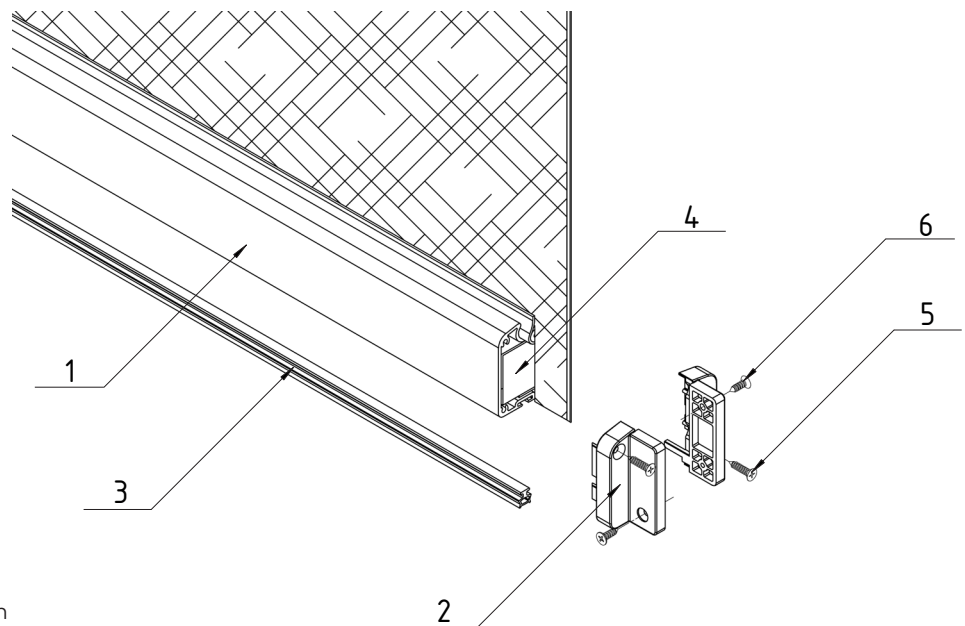
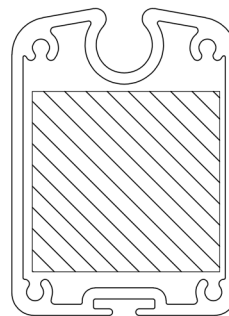
SCREEN R 160 ZIIIP
Bottom rail - List



BOA/B SRS + RP/ST/25x25x3

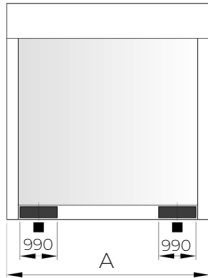
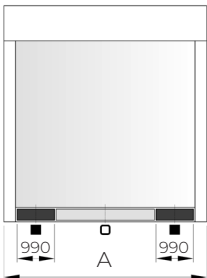
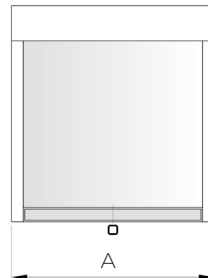


BOA/B SRS + D/BOA



1. Aluminium bottom rail
2. Bottom rail side lock
3. Rubber seal
4. Bottom rail load
5. Galvanised screw 2,9 x 13 mm
6. Galvanised cone screw 2,9 x 9,5 mm

Cutting specification and list of components

	Name of the component	Catalogue code	Quantity / Dimension		
					
			A ≤ 4000 mm	4000 mm < A ≤ 5000 mm	A > 5000 mm
1.	Aluminium bottom rail	BOA/B SRS	1 [pcs.] / A - 102		
2.	Bottom rail side lock	Z BOA/B SRS	4 [pcs.]		
3.	Rubber seal	U8/LD	1 [pcs.] / A - 92		
4.	Rectangular tube	RP/ST/25x25x3	-	1 [pcs.] / A - 2102	1 [pcs.] / A - 122
5.	Bottom rail load	D/BOA25/25	2 [pcs.] / 990 mm	2 [pcs.] / 990 mm	-
6.	Self-adhesive Velcro tape	TRS/30	8 [pcs.] / 100 mm	12 [pcs.] / 100 mm	4 [pcs.] / 100 mm
7.	Galvanised screw 2,9 x 13 mm	WKR/Zn/S/2,9x13	4 [pcs.]		
8.	Galvanised cone screw 2,9 x 9,5 mm	WKR/Zn/S/2,9x9,5	4 [pcs.]		

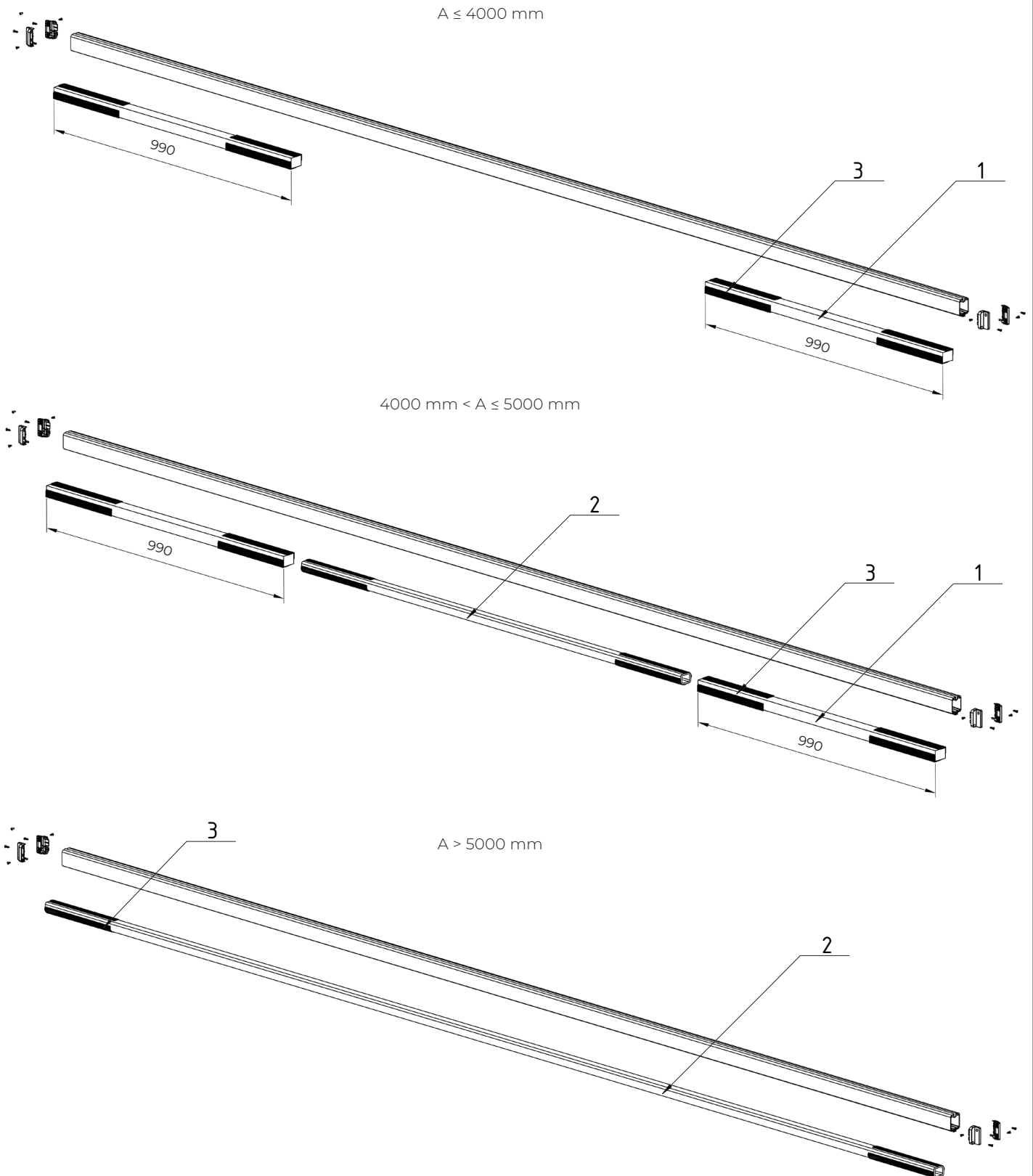
SCREEN R 160 ZIIP

Bottom rail - List

1. Bottom rail load **D/BOA25/25**
2. Rectangular tube **RP/ST/25x25x3**
3. Self-adhesive Velcro tape **TRS/30**

NOTE:

Each individual strip of tape should be cut to a length of 100 [mm]

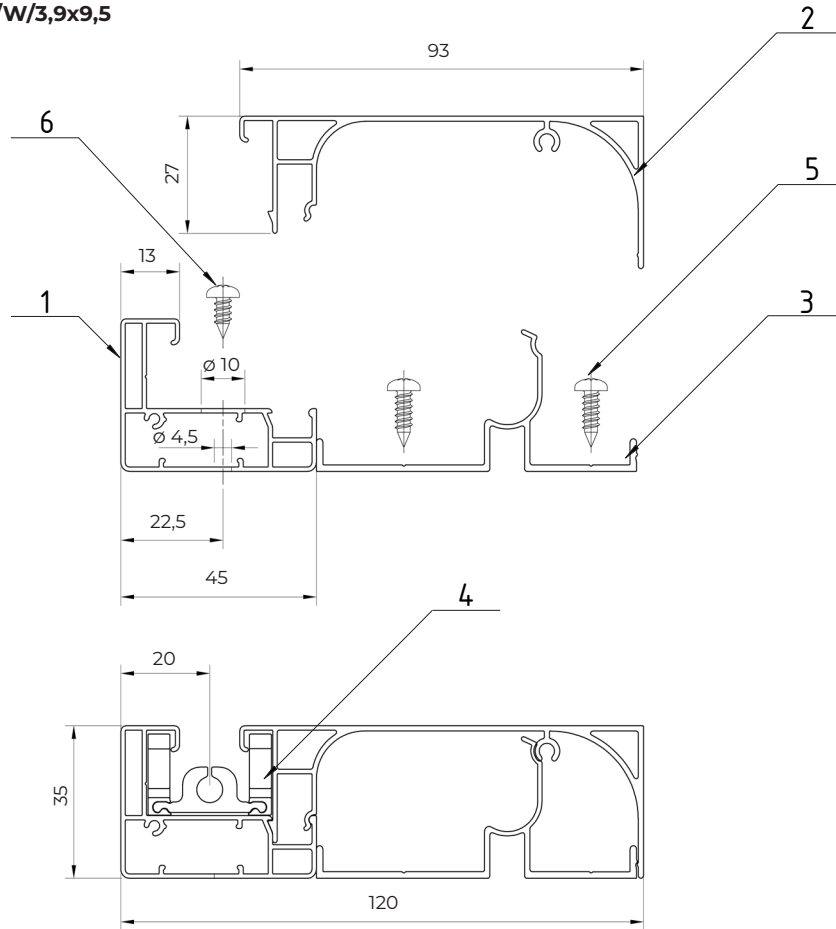


SCREEN R 160 ZIIIP

Guide channels

PPZ SRS/35/T + PPZ SRS/35/120/P

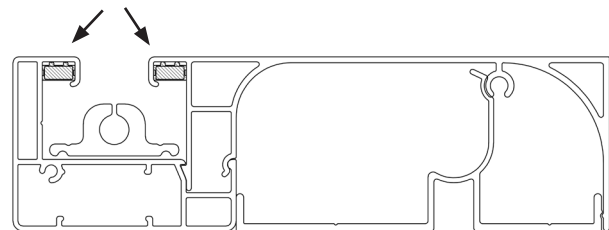
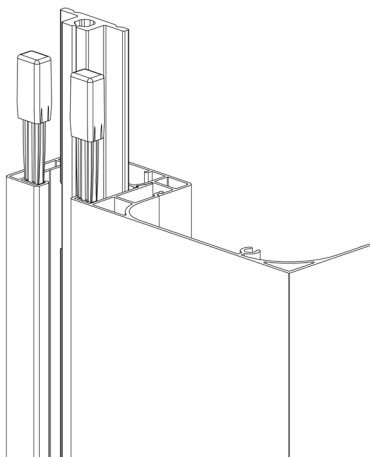
1. Guide channel - rear **PPZSRS/35/T**
2. Guide channel - front **PPZSRS/35/120/P**
3. Base profile **B/100/PPZSRS/35/120/P**
4. ZIP tensioner **N ZIP S + KN ZIP S**
5. Screw 3,5 x 13 mm **WKR/A2/W/3,5x13**
6. Screw 3,9 x 9,5 mm **WKR/A2/W/3,9x9,5**



SCREEN R 160 ZIIIP

Entry guide **SL SRS/1**

(The tabs on the sliders should face outwards)

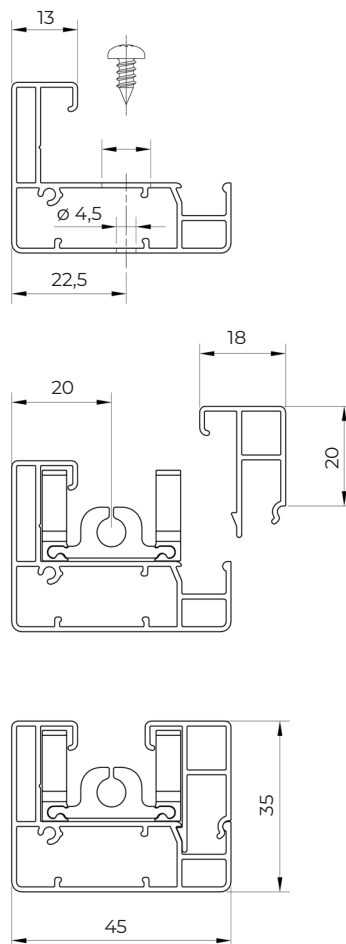


SCREEN R 160 ZIIIP

Guide channels

PPZ SRS/35/T + PPZ SRS/P

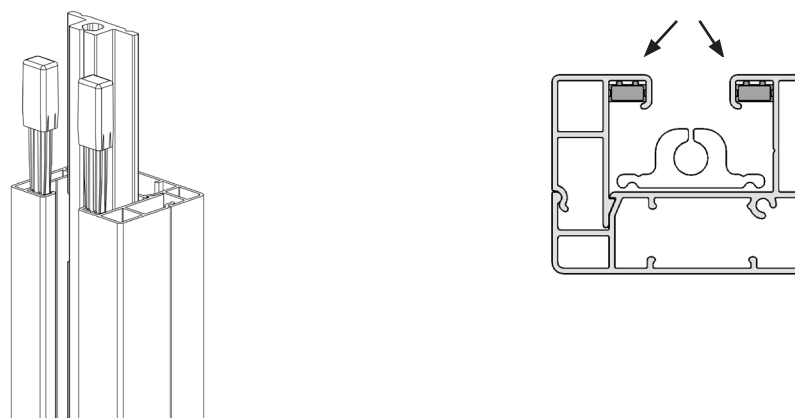
1. Guide channel - rear **PPZSRS/35/T**
2. Guide channel - front **PPZ SRS/P**
3. ZIP tensioner **N ZIP S + KN ZIP S**
4. Entry guide **SL SRS/1**
4. Screw 3,9 x 9,5 mm **WKR/A2/W/3,9x9,5**



SCREEN R 160 ZIIIP

Entry guide **SL SRS/1**

(The tabs on the sliders should face outwards)

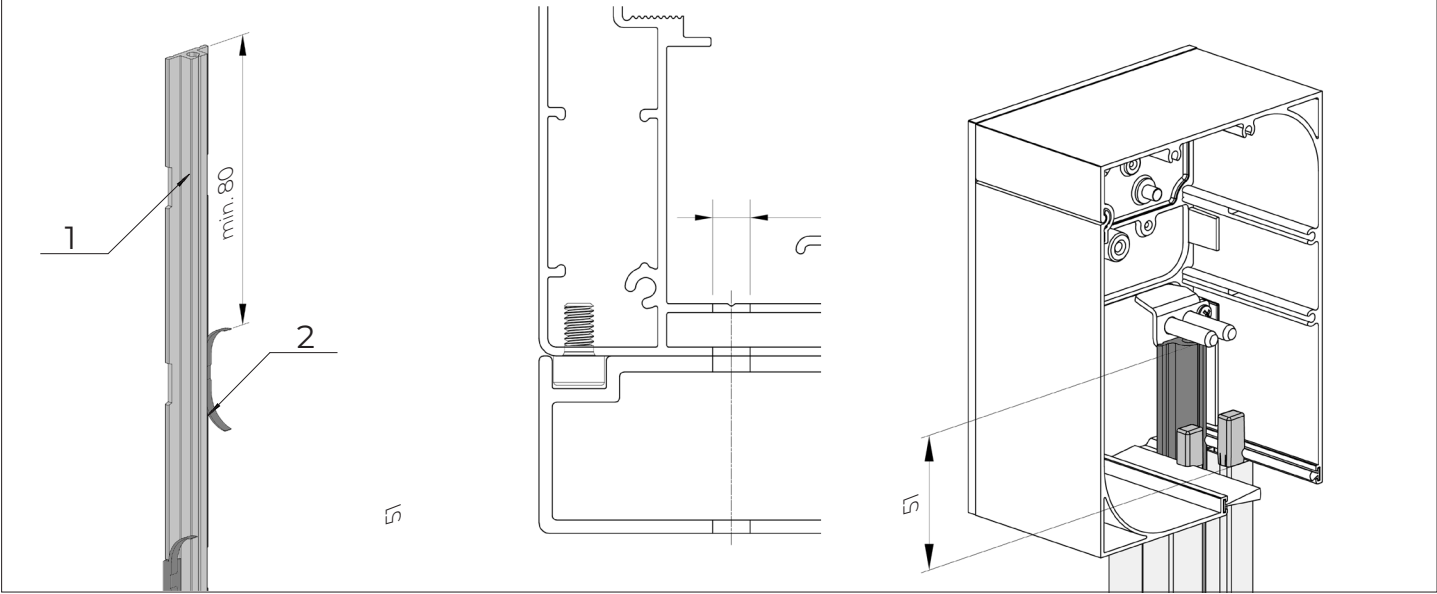


SCREEN R 160 ZIIIP

The ZIP tensioner should be inserted into the box as shown in the drawing below.

- 1. TENSIONER **N ZIP S**
- 2. Tensioner clip **KN ZIP S**

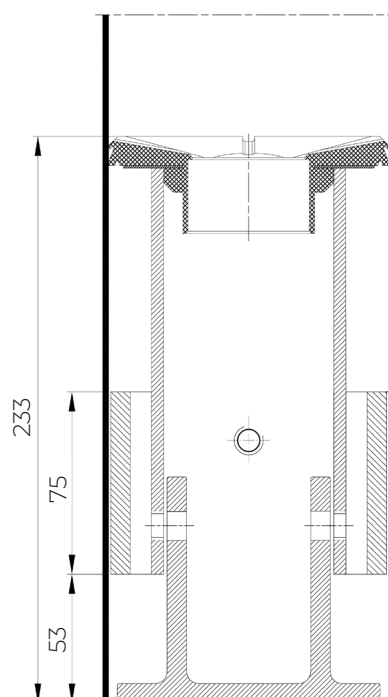
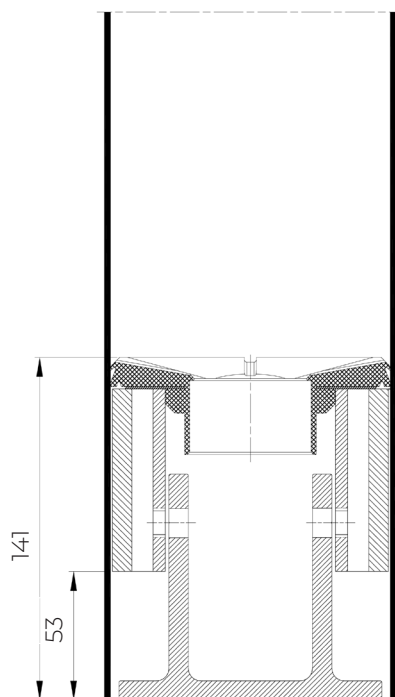
N ZIP S + KN ZIP S



L _{N ZIP S} [mm]	Recommended amount of KN ZIP S for 1 tensioner. [pcs.]
454÷653	3
654÷853	4
854÷1053	5
1054÷1253	6
1254÷1453	7
1454÷1653	8
1654÷1853	9
1854÷2053	10
2054÷2253	11
2254÷2453	12
2454÷2653	13
2654÷2853	14
2854÷3053	15
3054÷3253	16
3254÷3453	17
3454÷3653	18
3654÷3853	19
3854÷4053	20
4054÷4253	21
4254÷4453	22
4454÷4653	23
4654÷4853	24
4854÷5000	25

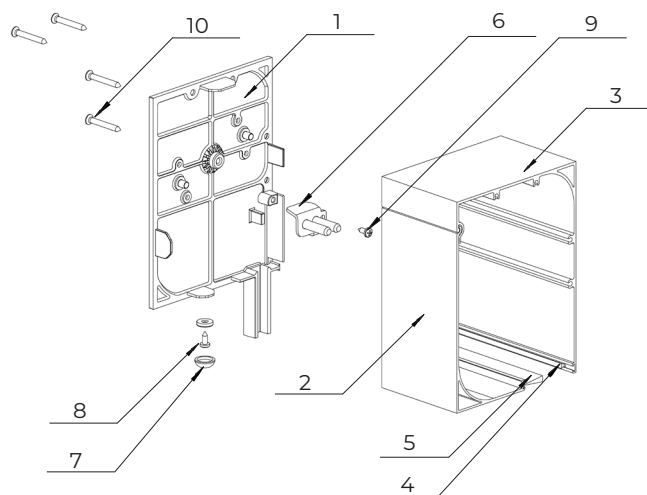
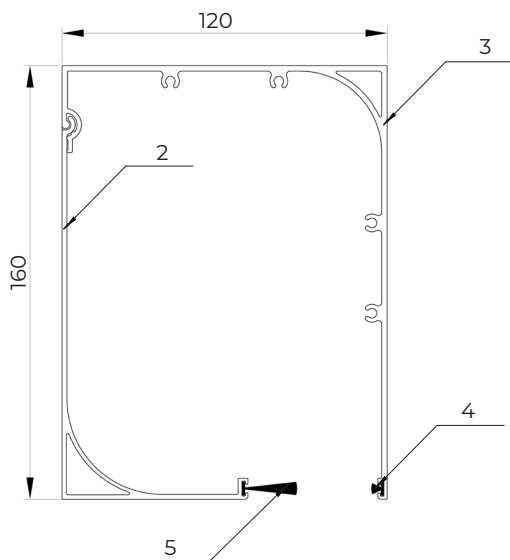
SCREEN R 160 ZIIIP

Particular care should be taken when installing screen guides to posts with lower drainage so as not to damage the gutter with the screw. The connection of the gutter with the pole requires full tightness.



SCREEN R 160 ZIIIP Box SRS90ES/120/160

1. End cap
2. Extruded screen box 90° - base
3. Extruded screen box 90° - top
4. Brush seal
5. Brush seal
6. Stopper
7. PVC cap with cover
8. Stainless screw 3,9 x 9,5 mm
9. Galvanised screw 3,5 x 9,5 mm
10. Stainless screw 3,9 x 16 mm

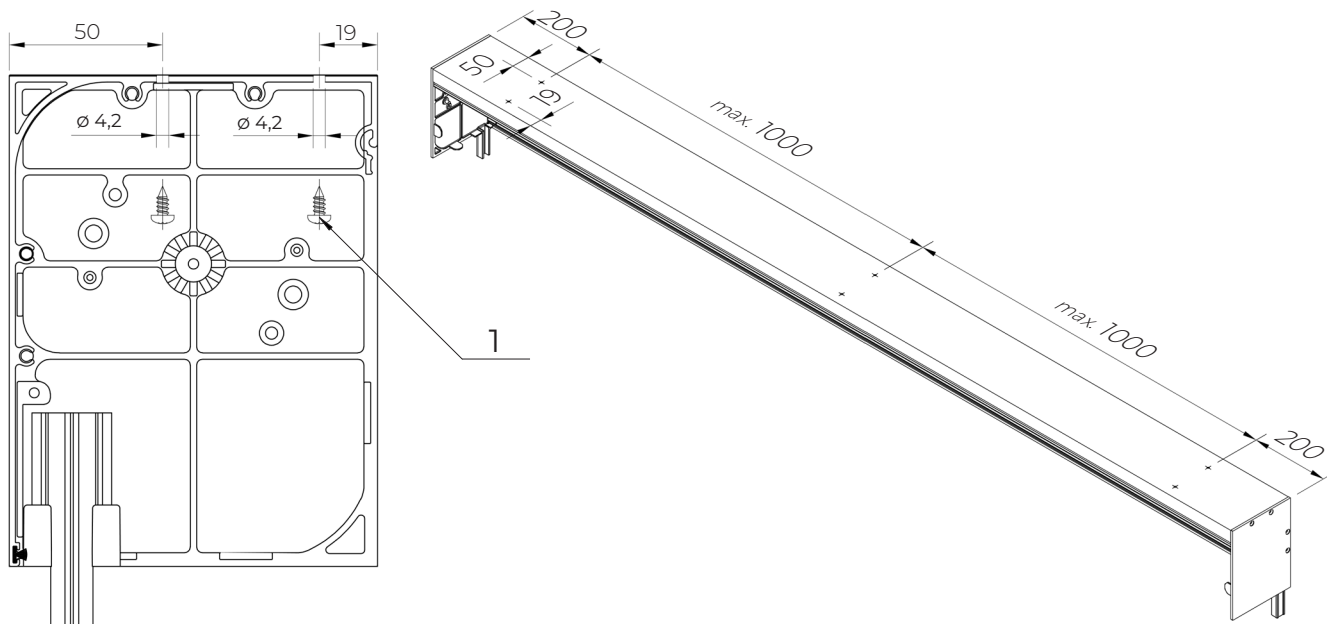


SCREEN R 160 ZIIIP

Installation of shutter box

1. Stainless screw 3,9 x 9,5 mm

WKR/A2/W/3,9x9,5

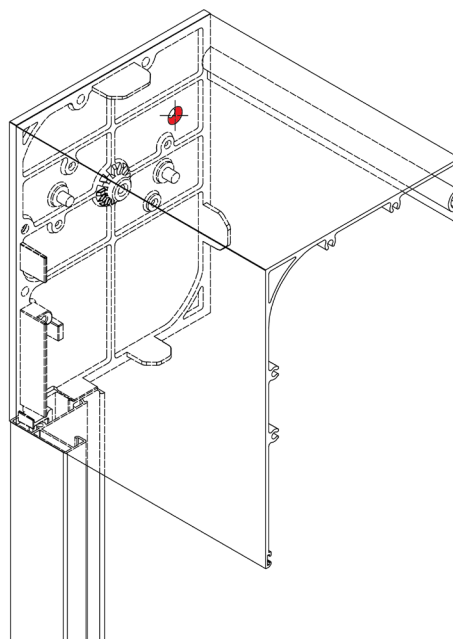
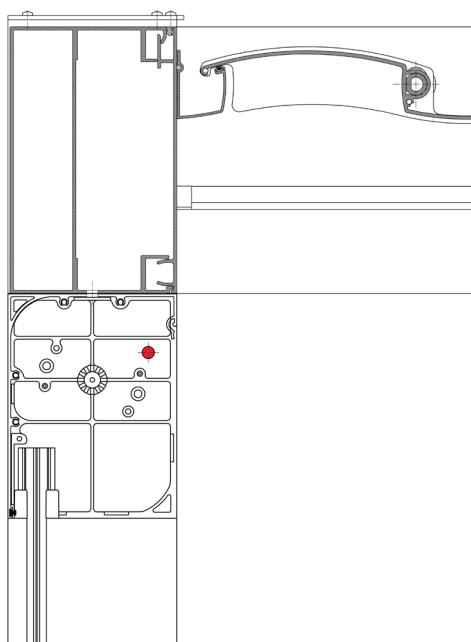


SCREEN R 160 ZIIIP

Cable installation

NOTE:

1. The opening for the drive cable should be made on the side of the side cover. The diameter of the opening should be individually adjusted to the power cable. We recommend setting the diameter of the opening to the cable diameter plus 3 mm.
2. The power cable should be routed through the box in a 'U' shape to prevent water condensation and damage to the actuator. The cable should be secured directly to the actuator bracket to prevent the screen fabric from rubbing against it.
3. Do not use cable glands or cable glands. All openings for the power cable must be hermetically sealed at the point of contact with the cable. We recommend using Silirub silicone here.



SCREEN R 120 ZIIP, R 120 ZIIP DZ

SCREEN R 120 ZIIP, R 120 ZIIP DZ

Vertical awning, box made of extruded aluminium

APPLICATION

- | | |
|-------------------------|-----|
| · External installation | YES |
| · Internal installation | NO |

PRODUCT CHARACTERISTICS

- Cassette for external and recessed installation
- Fabric with a zip to prevent light from shining through between the fabric and the guide
- In the built-in version, two inspection covers allow for easy access and installation
- Two-piece guide with a fabric tensioning profile
- Wide range of fabrics

TECHNICAL PARAMETERS

- | | |
|------------------|--|
| · Colour scheme | RAL |
| · Electric drive | YES |
| · Manual drive | NO |
| · Maximum width | 5000 mm |
| · Maximum height | 4000 mm (above 4000 mm widths.
maximum 3000 mm) |

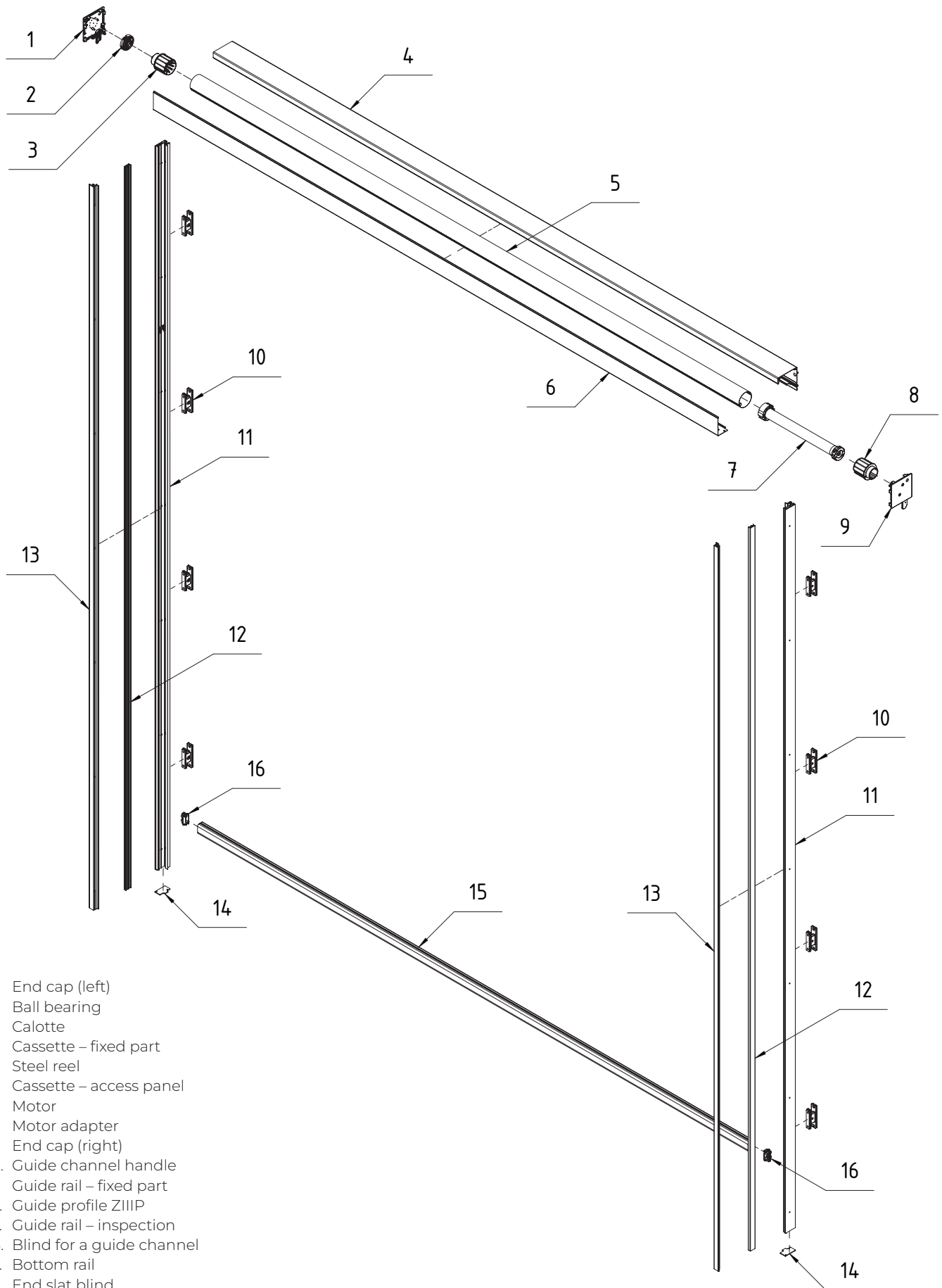


APPLIES TO ZIIP OVER 4000 mm WIDTH - IMPORTANT

When installing the ZIIP system with a width exceeding 4000 mm, it is essential to additionally secure the cassette to the substrate by drilling through the rear or top panel of the cassette (depending on the installation location) and anchoring it to the substrate using fixing plugs suitable for the wall material.

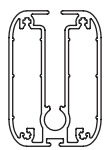
SCREEN R 120 ZIIIP

Exploded view

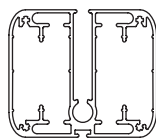


1. End cap (left)
2. Ball bearing
3. Calotte
4. Cassette – fixed part
5. Steel reel
6. Cassette – access panel
7. Motor
8. Motor adapter
9. End cap (right)
10. Guide channel handle
11. Guide rail – fixed part
12. Guide profile ZIIIP
13. Guide rail – inspection
14. Blind for a guide channel
15. Bottom rail
16. End slat blind

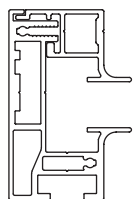
SCREEN R 120 ZIIIP



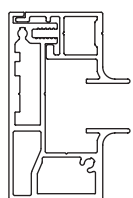
FG5I-02



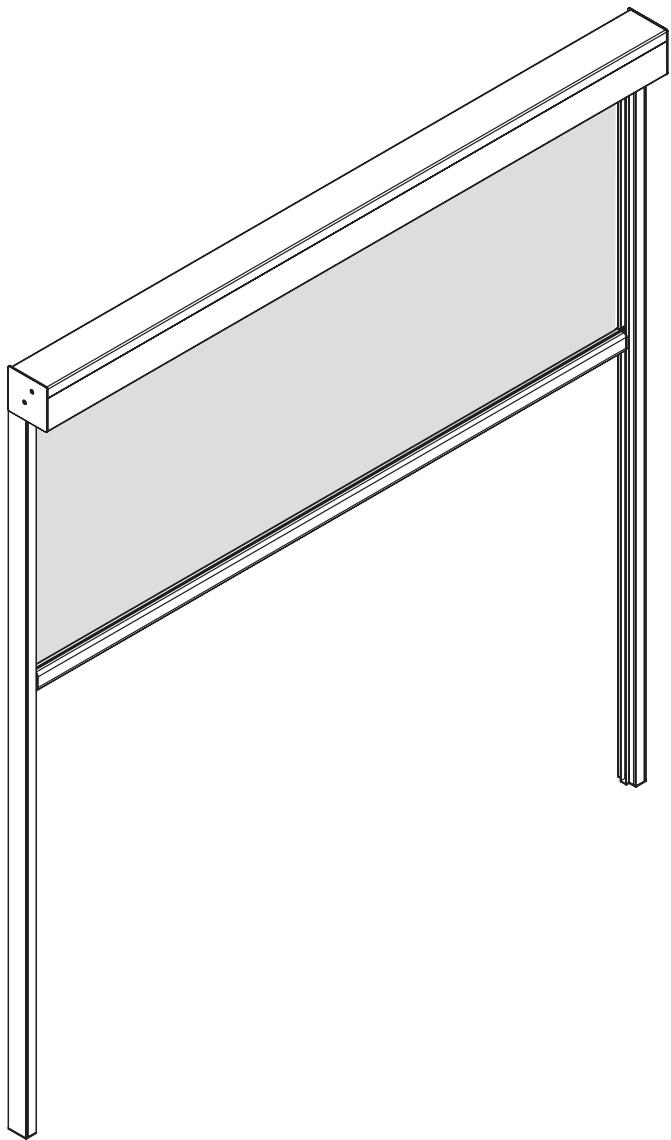
FG5I-03



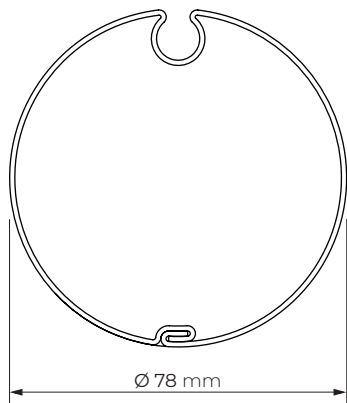
G40Z



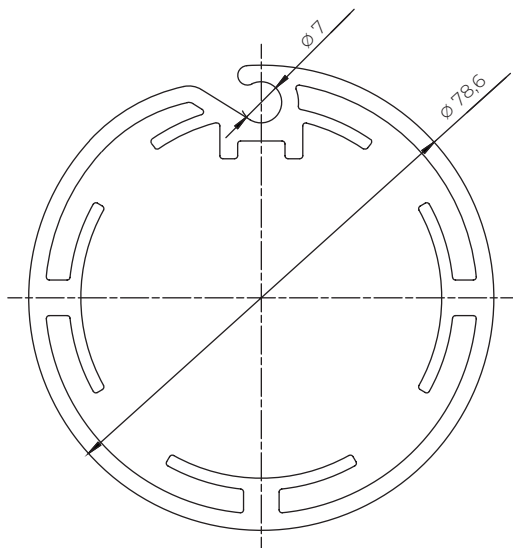
G40Z-05



SCREEN R 120 ZIIIP
Steel reel

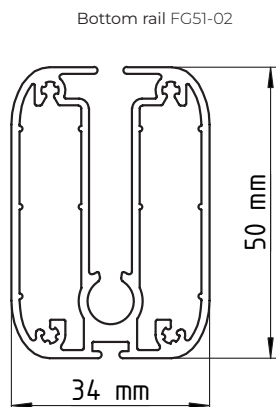


Galvanised roller tube for widths up to 4000 mm

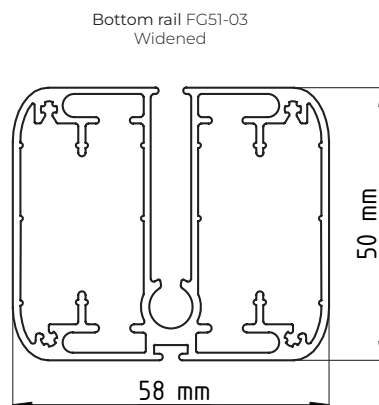


Aluminium winding tube from 4001 mm wide

SCREEN R 120 ZIIIP
Beam profile – main dimensions



SCREEN R 120 ZIIIP
Lower beam profile FG51-03
(With the ZIIIP variant for PERGOL / walkways, there is always a widened bottom beam)



Dimension [mm]	1000 mm	1250 mm	1599 mm
1000 mm	Z95 / Z120	Z95 / Z120	Z95 / Z120
1250 mm	Z95 / Z120	Z95 / Z120	Z95 / Z120
1500 mm	Z95 / Z120	Z95 / Z120	Z95 / Z120
1750 mm	Z95 / Z120	Z95 / Z120	Z95 / Z120
2000 mm	Z95 / Z120	Z95 / Z120	Z95 / Z120
2250 mm	Z95 / Z120	Z95 / Z120	Z95 / Z120
2500 mm	Z95 / Z120	Z95 / Z120	Z95 / Z120
2750 mm	Z95 / Z120	Z95 / Z120	Z95 / Z120
3000 mm	Z95 / Z120	Z95 / Z120	Z95 / Z120
3250 mm	Z120	Z120	Z120
3500 mm	Z120	Z120	Z120
3750 mm	Z120	Z120	Z120
4000 mm	Z120	Z120	Z120

Application:

■ - For widths up to 1599 mm, we recommend using the version with the extended beam included in the price; however, it is possible to use the standard beam upon the customer's express request when placing the order (sale subject to consultation with the sales department).

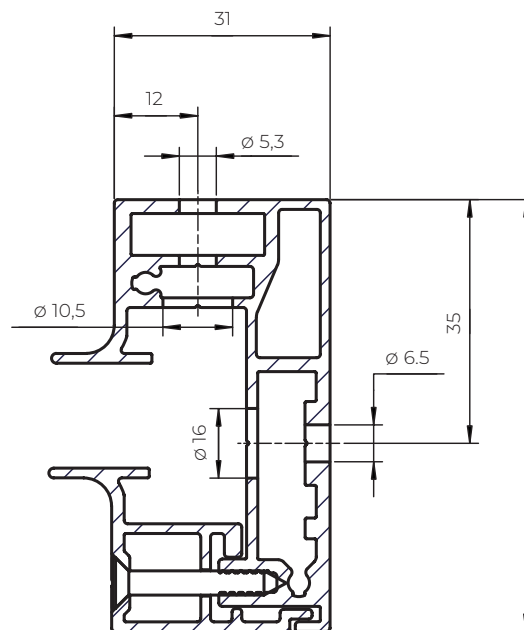
■ Version with extended beam

* in other systems, an extended bottom beam is available for an additional 5% of the system price

SCREEN R 120 ZIIIP

Smooth guide

(In the DZ version, only a smooth guide is available)

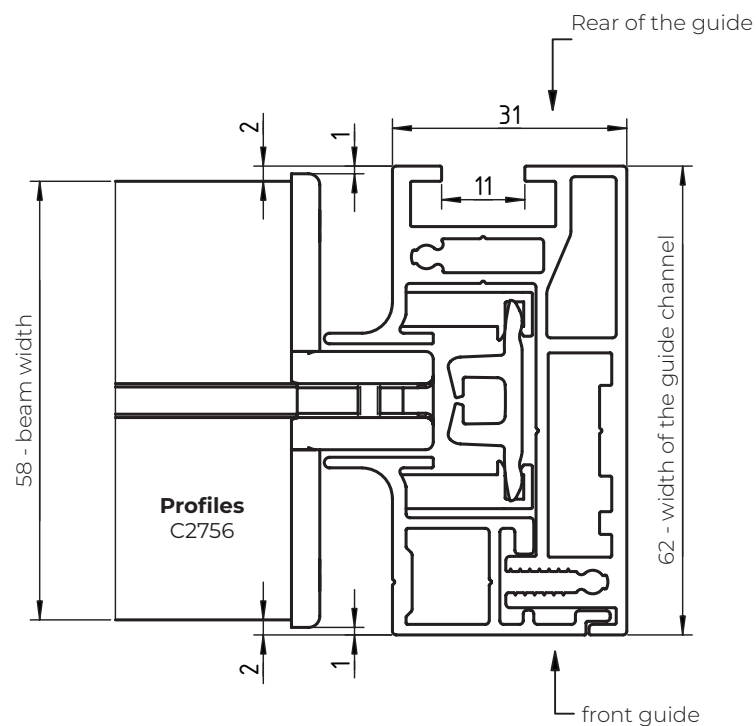


SCREEN R 120 ZIIIP

ZIIIP 120 with extended ZIIIP beam

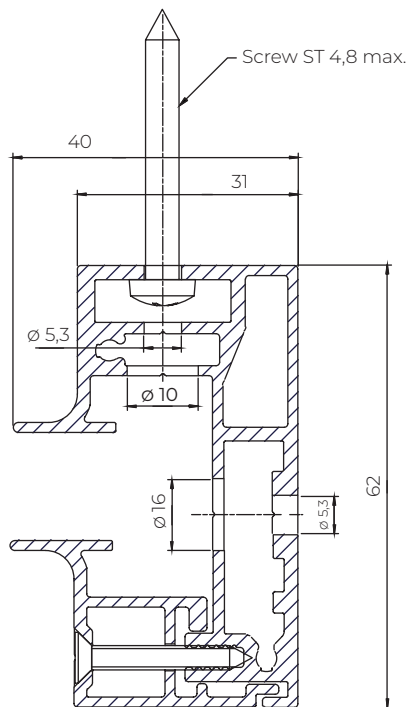
NOTE:

The beam profile does not extend beyond the guide rail when positioned perfectly.
When mounting directly to the wall, it is recommended to use at least one spacer.



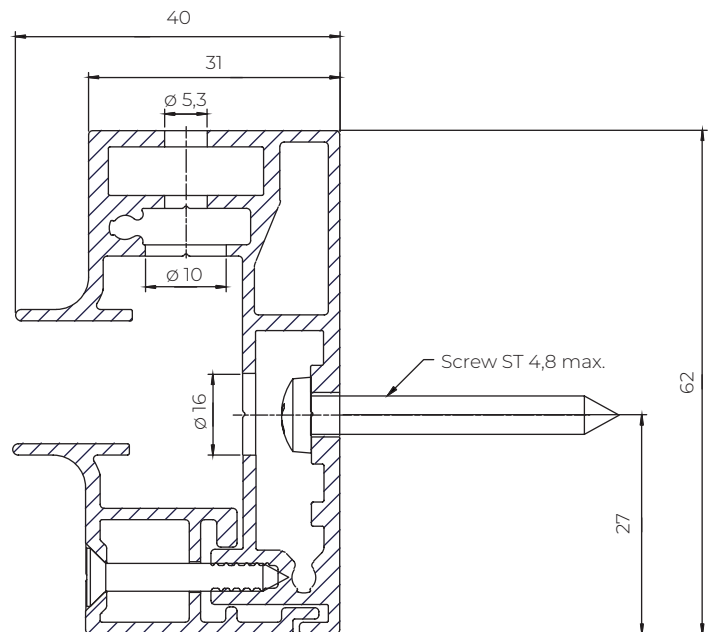
SCREEN R 120 ZIIIP

Guide rail installation method.
Front mounting directly to the wall.



SCREEN R 120 ZIIIP

Guide rail installation method.
Side mounting directly to the wall.



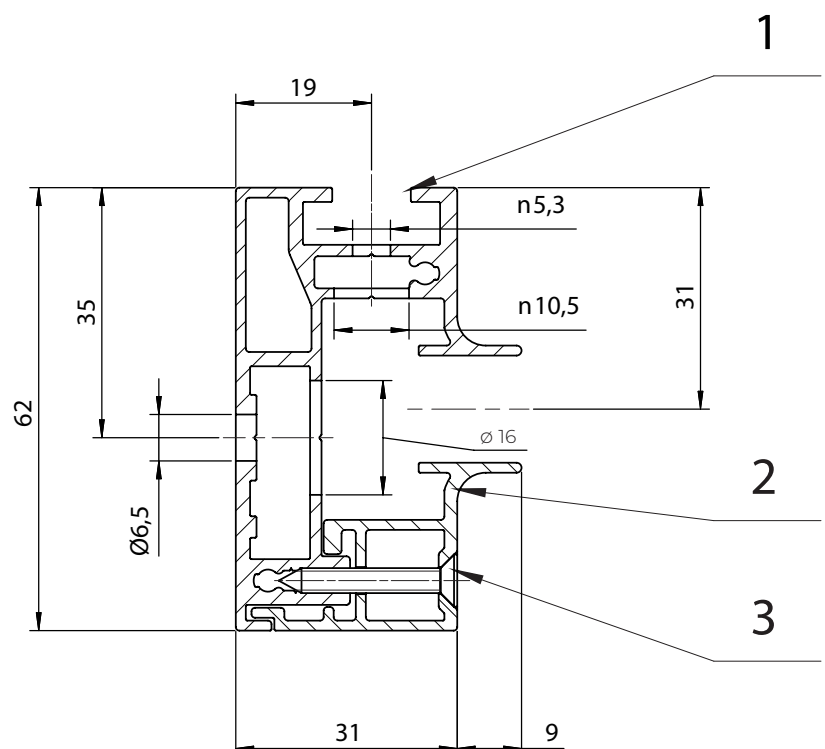
SCREEN R 120 ZIIIP

Guide rail for bracket

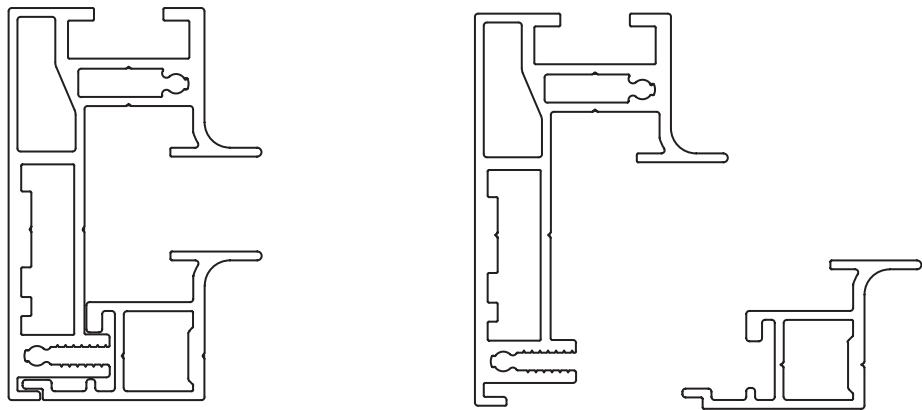
1. Fixed guide profile
2. Guide rail inspection profile
3. Fixing screw ST3,5x19-A2

NOTE:

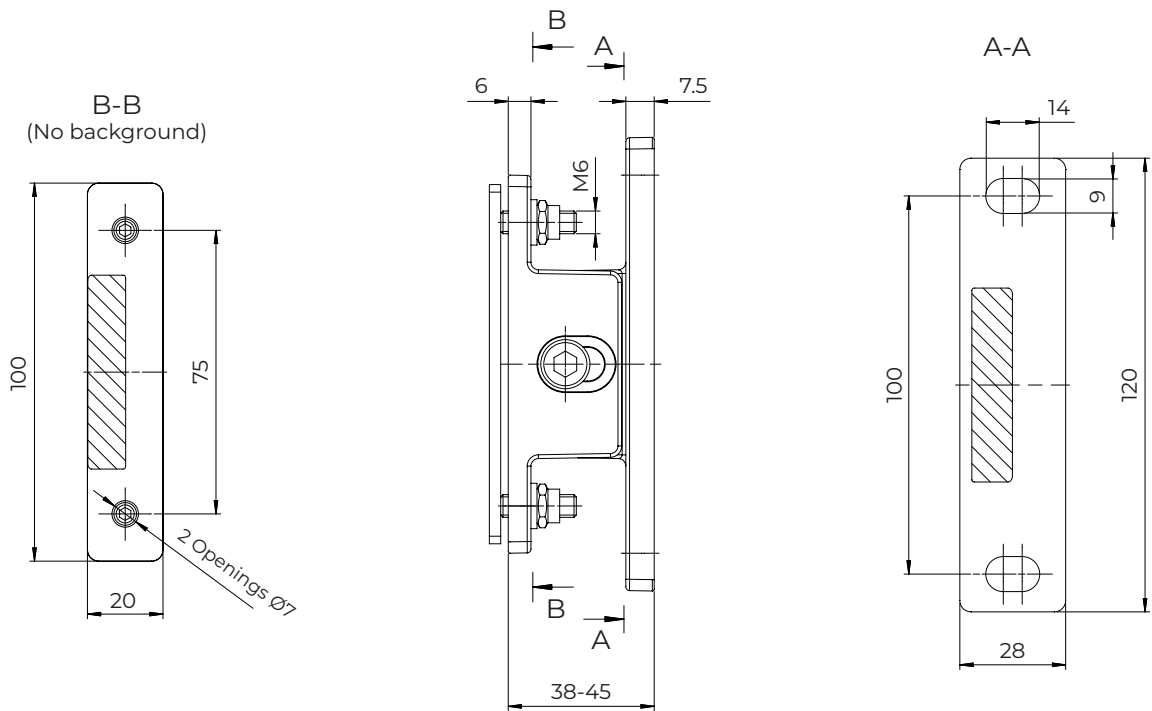
Material: Extruded aluminium, painted in the colour of your choice. (Hole diameters are given as maximum permissible values)



SCREEN R 120 ZIIIP
Guide rail for bracket

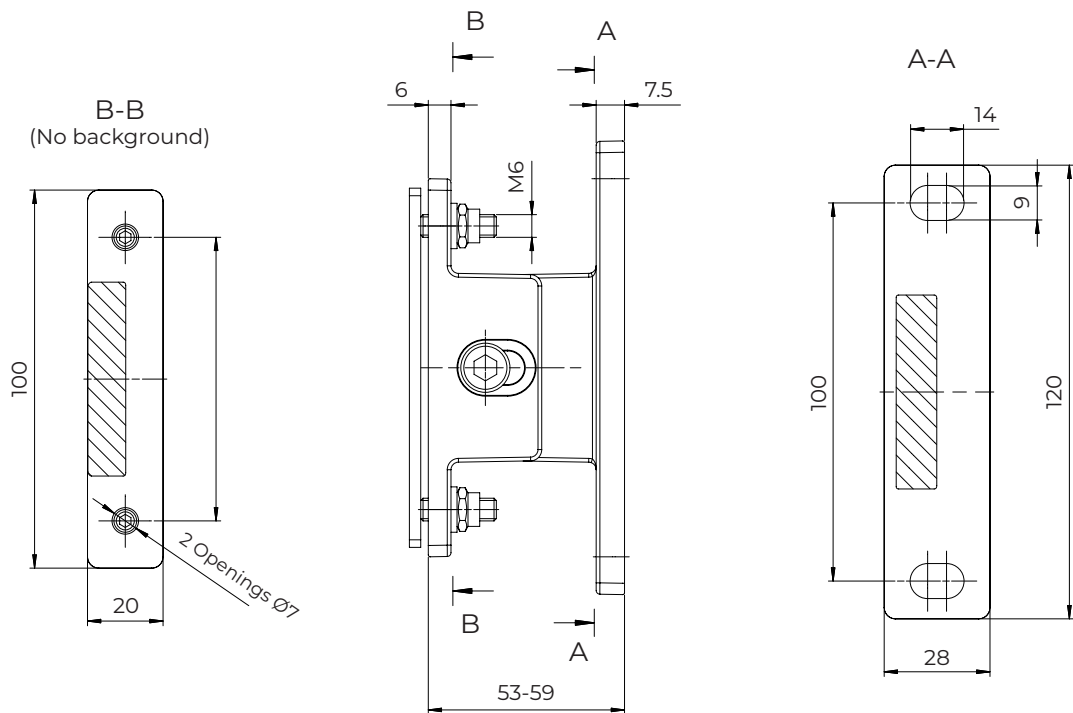


SCREEN R 120 ZIIIP
Self-supporting adjustable handle TYPE 38-45



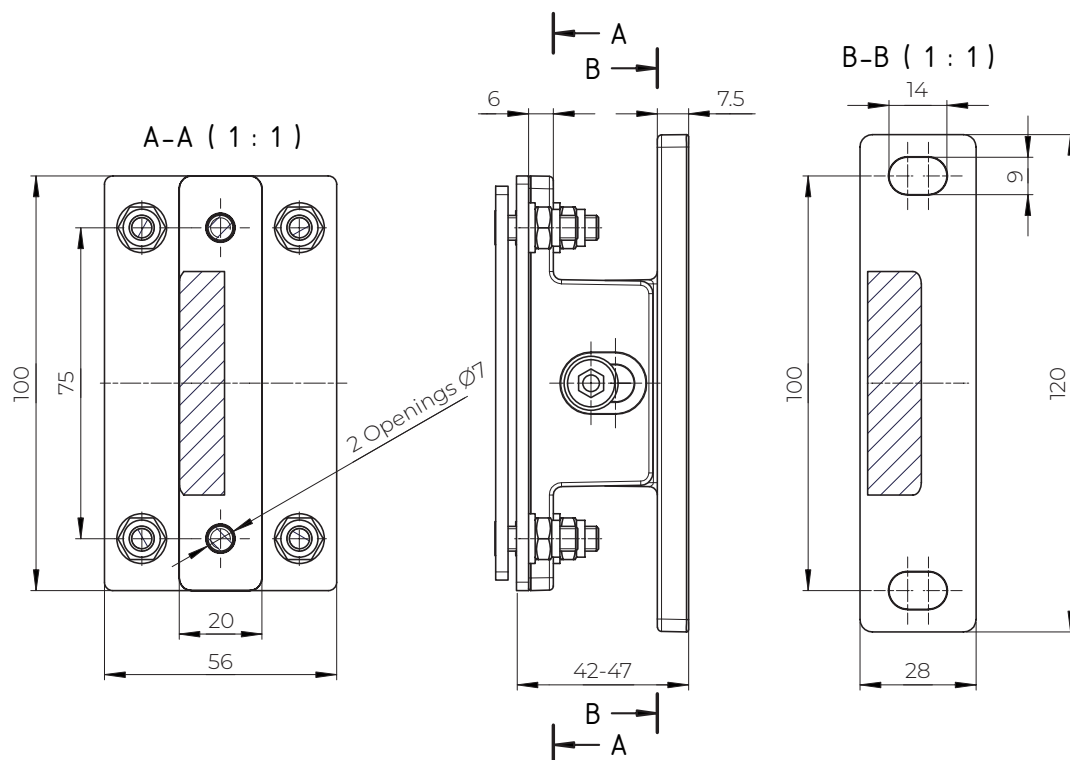
SCREEN R 120 ZIIIP

Self-supporting adjustable handle TYPE 53-59



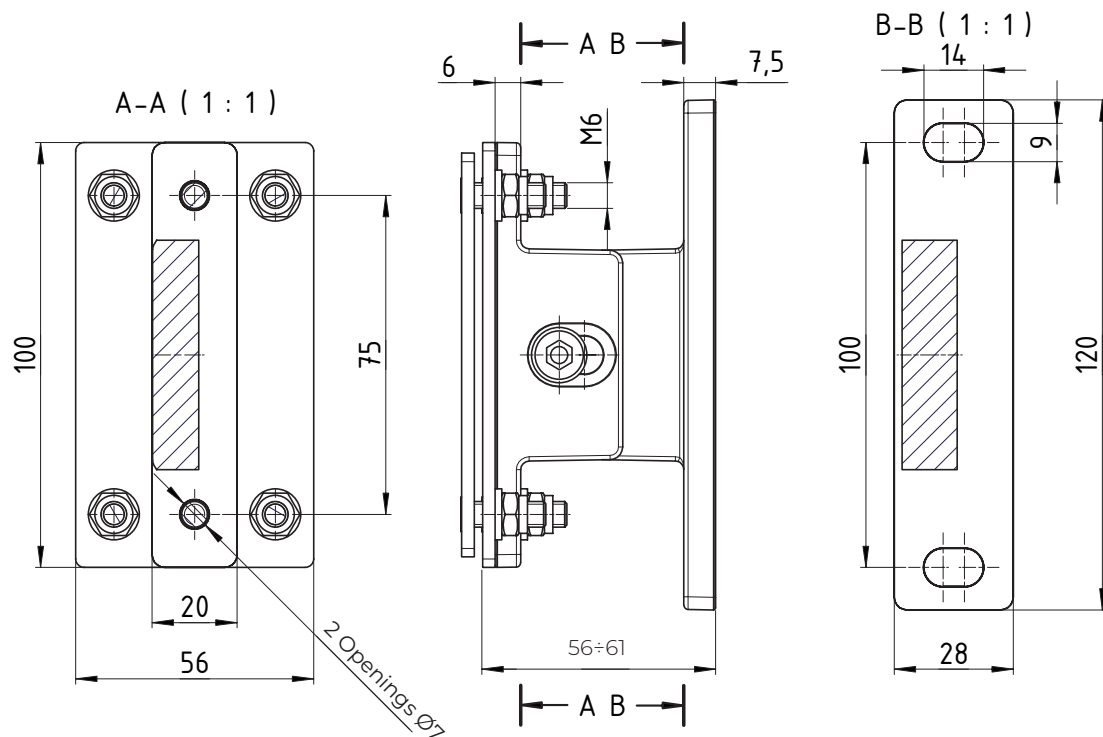
SCREEN R 120 ZIIIP

Self-supporting adjustable bracket – modular TYPE 42-47



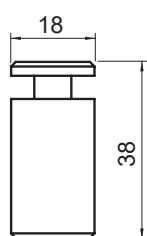
SCREEN R 120 ZIIIP

Self-supporting adjustable bracket – modular TYPE 56-61

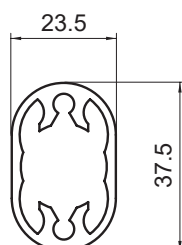


SCREEN R 120 ZIIIP

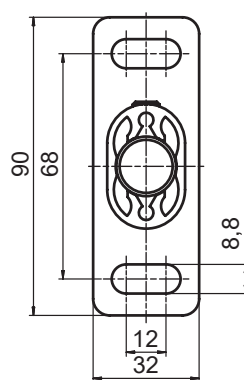
Veranda-type guide handle



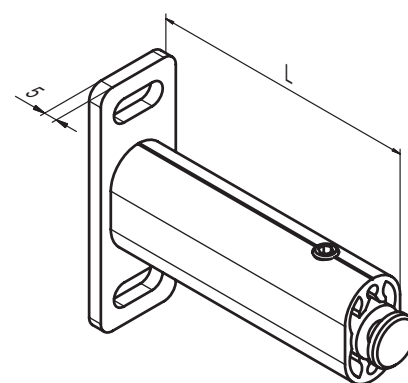
PIN



EXTRUDER



STOPPER

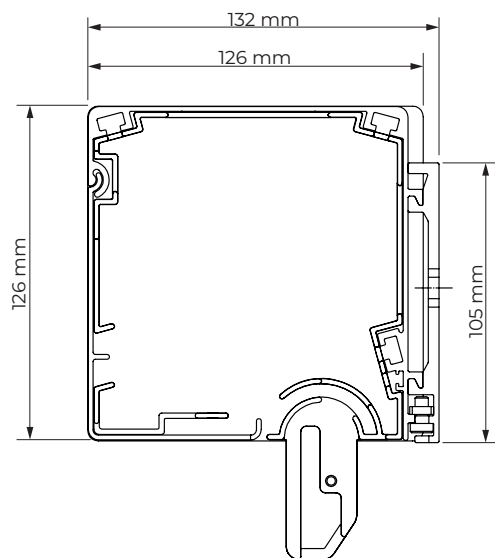


GRIP

The length "L" is selected individually depending on installation conditions or the client's specifications
L min. = 57mm, L max. = 180mm

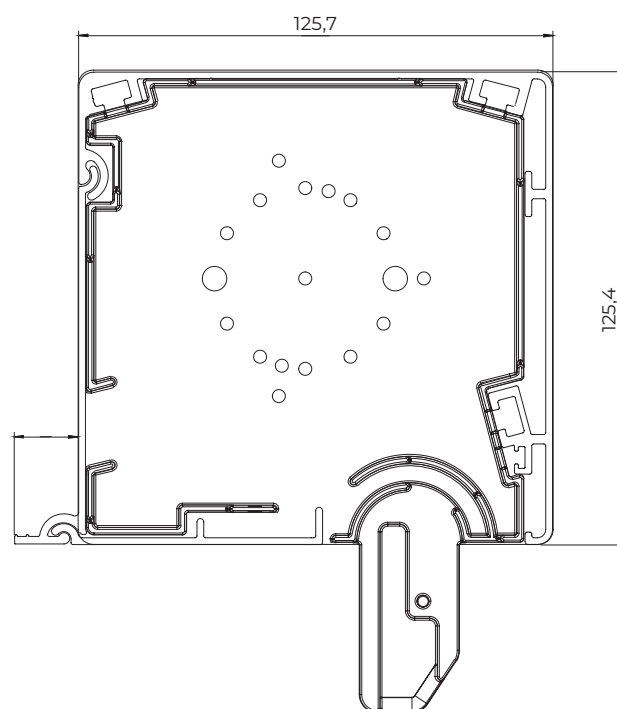
SCREEN R 120 ZIIIP

Cross-section of a cassette with a side cover
Self-supporting system
(Cassette mounting on a mounting clip (optional))



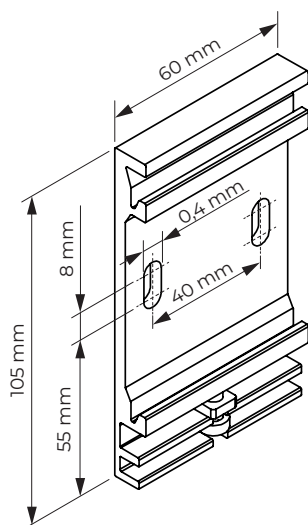
SCREEN R 120 ZIIIP DZ

Cross-section of a cassette with a side cover
Self-supporting system



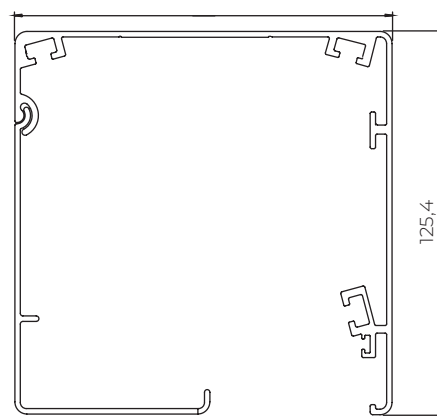
SCREEN R 120 ZIIIP

Mounting clip



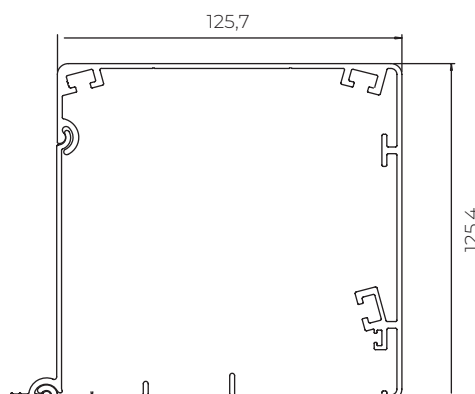
SCREEN R 120 ZIIIP

Smooth cassette (the smooth cassette is always used for the PERGOL variant / passageways)



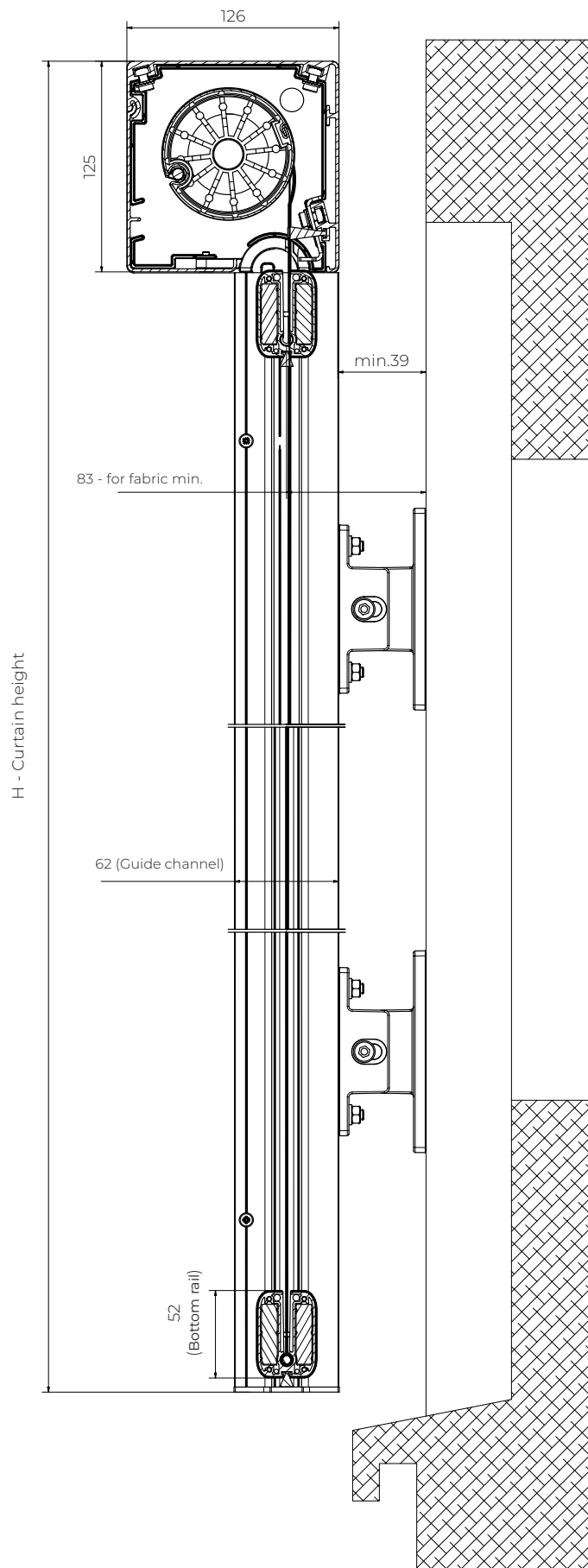
SCREEN R 120 ZIIIP (DZ)

Smooth cassette



SCREEN R 120 ZIIP

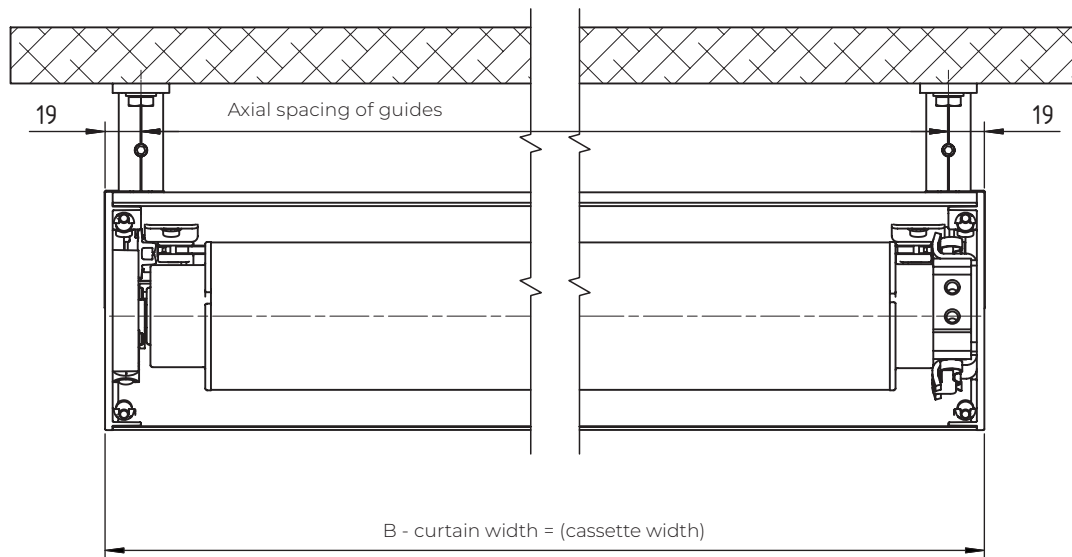
ZIIP 120 curtain, self-supporting version.
Vertical cross-section, standard beam



SCREEN R 120 ZIIIP

ZIIIP 120 curtain, self-supporting version on Verand brackets

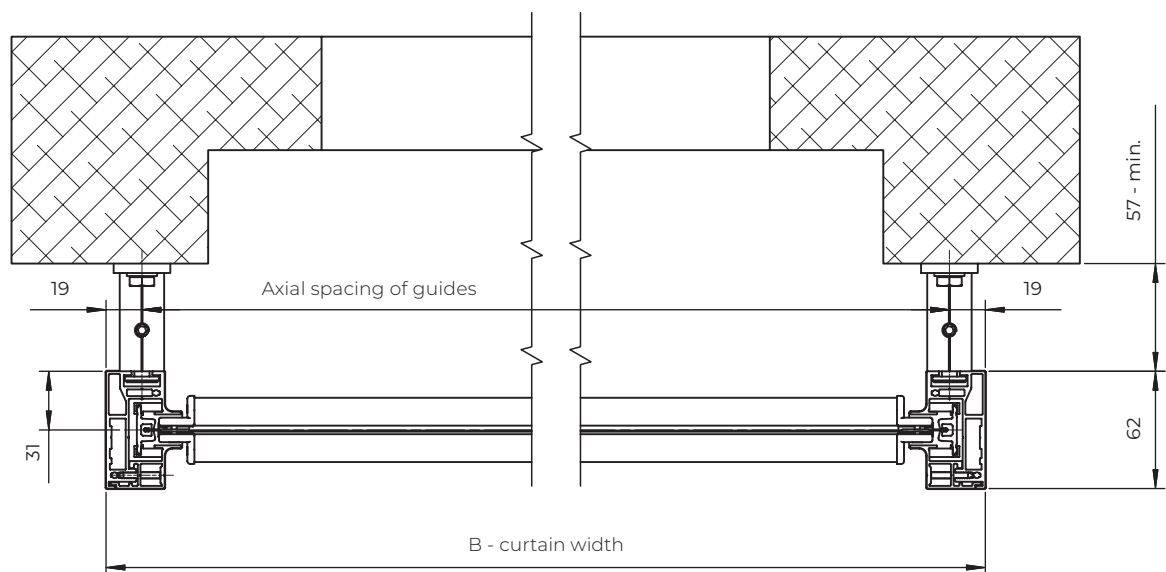
Top view



SCREEN R 120 ZIIIP

ZIIIP 120 curtain, self-supporting version with Verand brackets

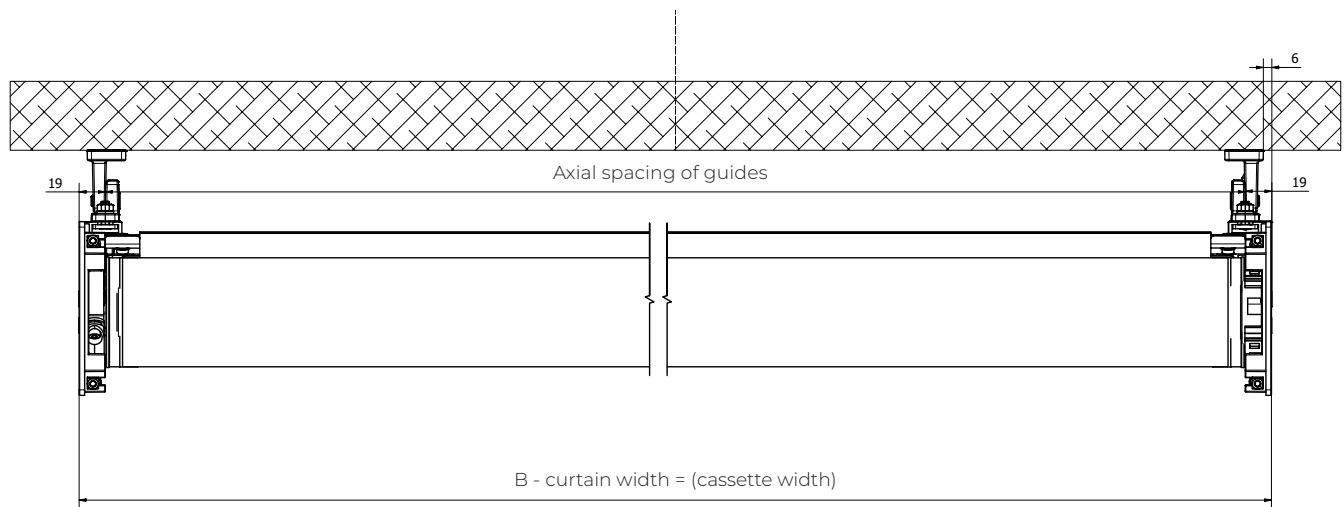
View from below



SCREEN R 120 ZIIIP

ZIIIP 120 curtain, self-supporting version on louvre brackets

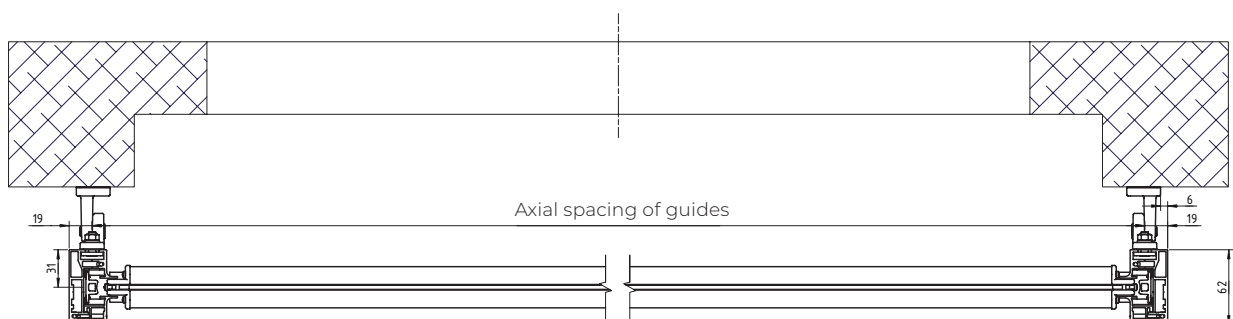
Top view



SCREEN R 120 ZIIIP

ZIIIP 120 curtain, self-supporting version with blind brackets

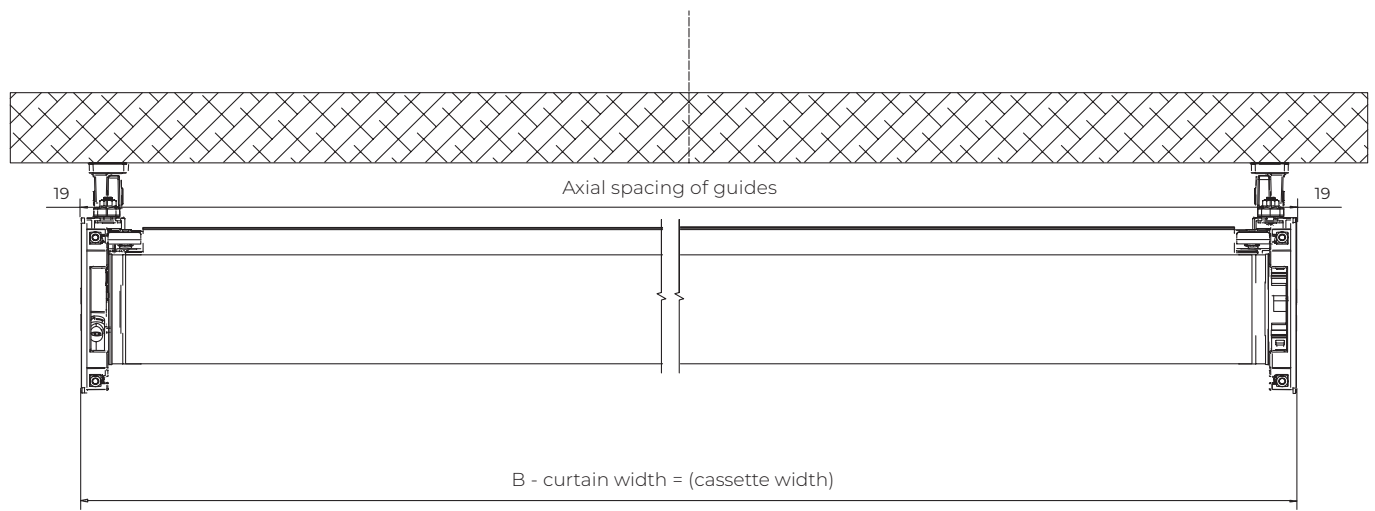
View from below



SCREEN R 120 ZIIIP

ZIIIP 120 curtain, self-supporting version on Reflexol brackets

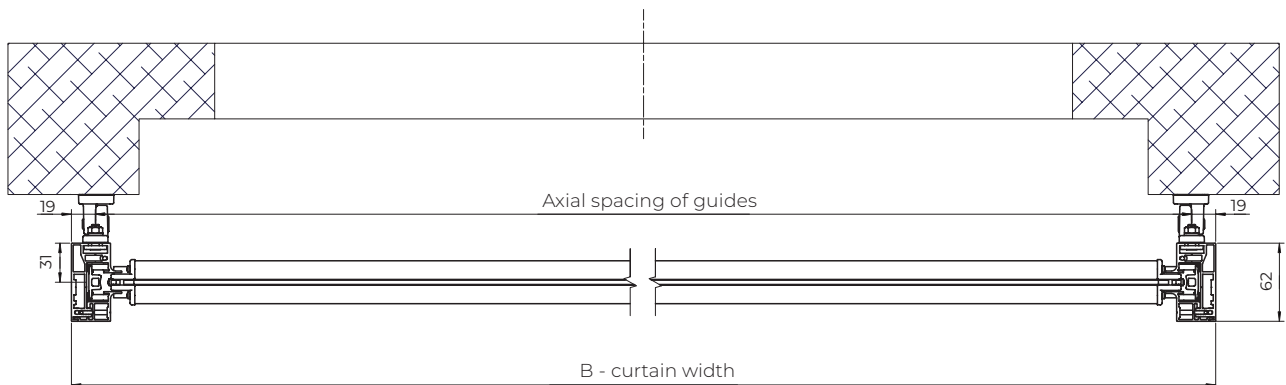
Top view



SCREEN R 120 ZIIIP

ZIIIP 120 curtain, self-supporting version with Reflexol brackets

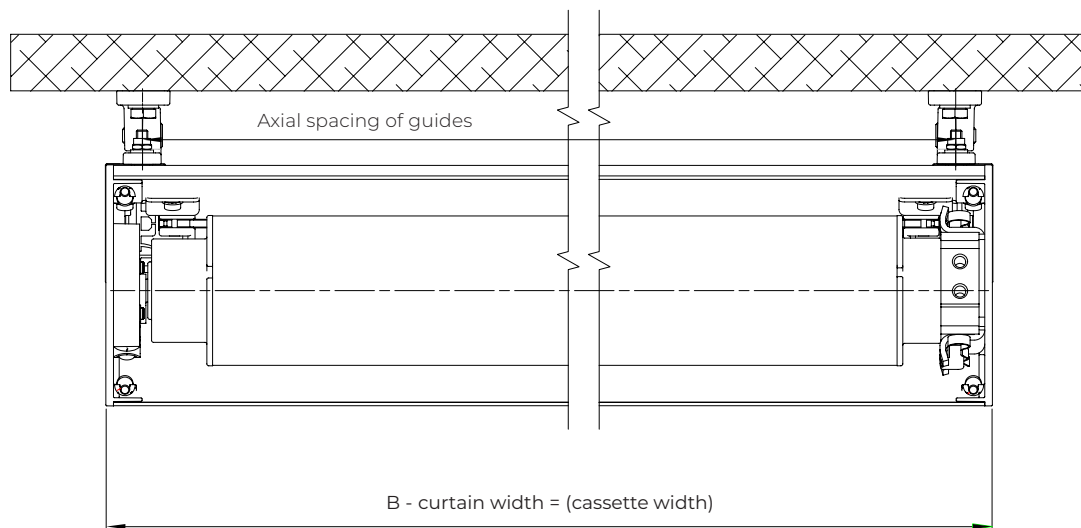
View from below



SCREEN R 120 ZIIIP

ZIIIP 120 curtain, self-supporting version on adjustable brackets

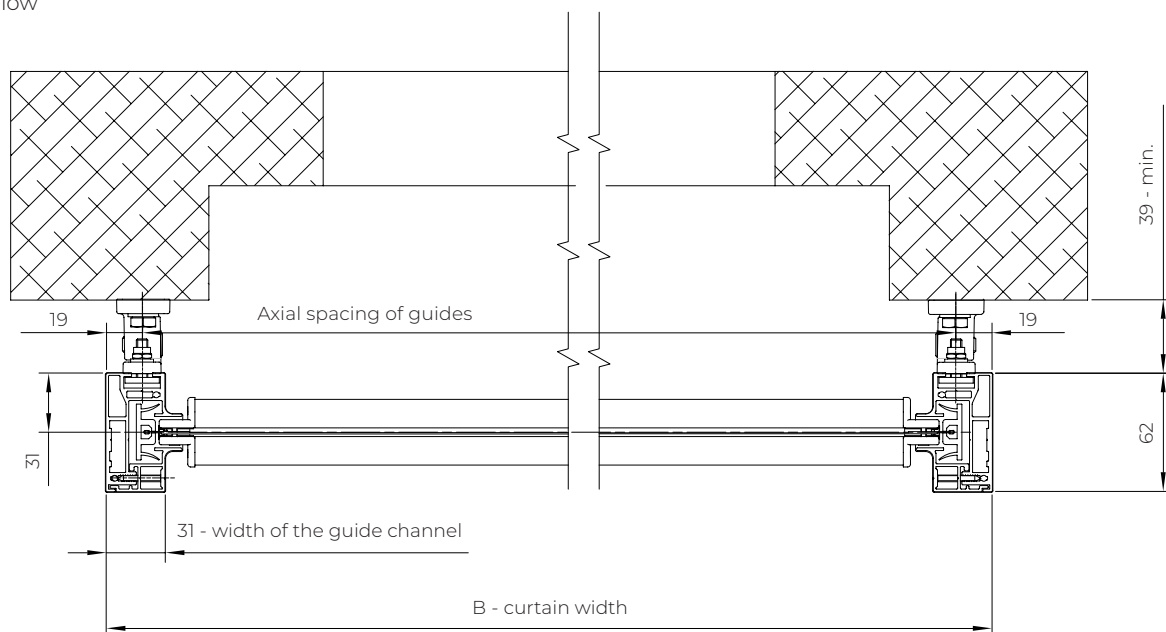
Top view



SCREEN R 120 ZIIIP

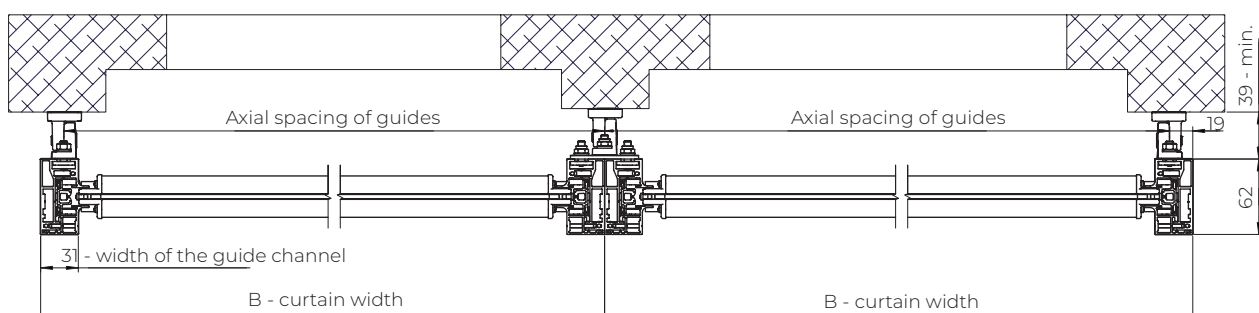
ZIIIP 120 curtain, self-supporting version on adjustable brackets

View from below



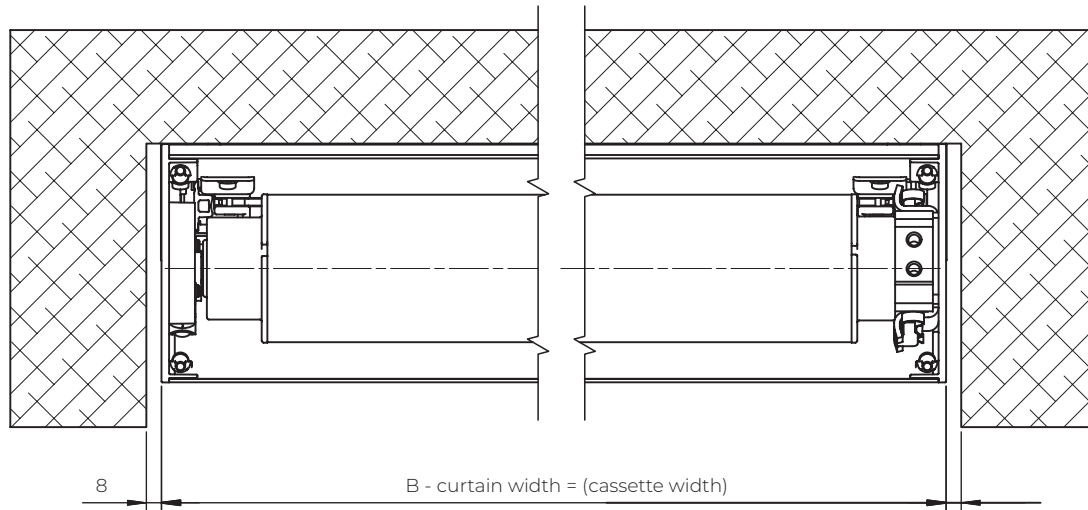
SCREEN R 120 ZIIIP

ZIIIP 120 curtain, modular self-supporting version on adjustable modular brackets



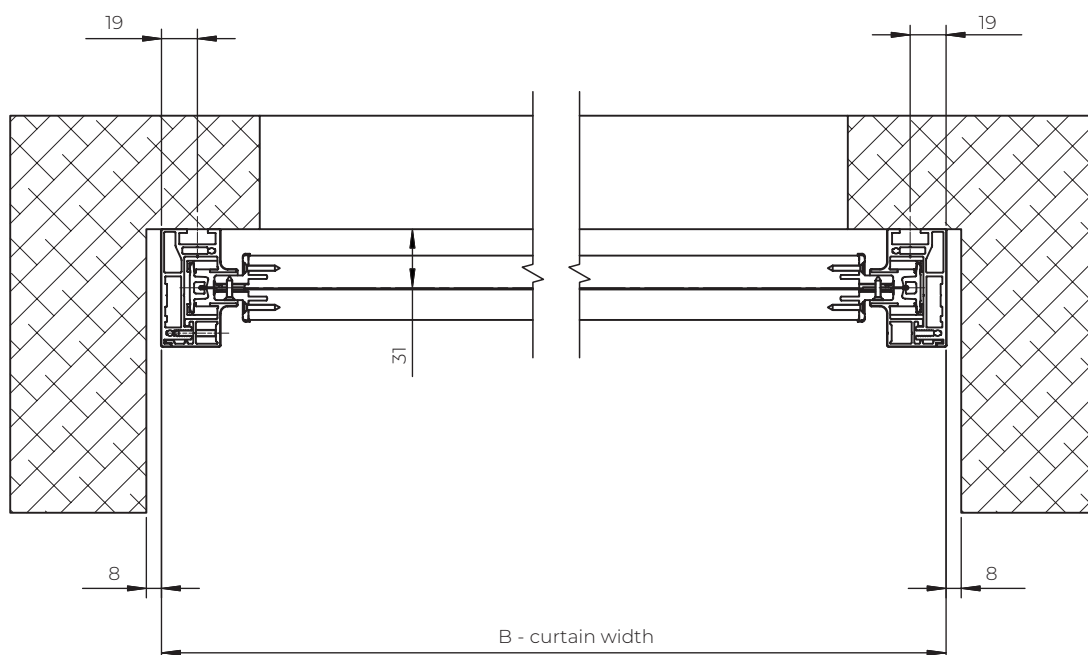
SCREEN R 120 ZIIIP

ZIIIP 120 curtain, wall-mounted version, front mounting
Front view



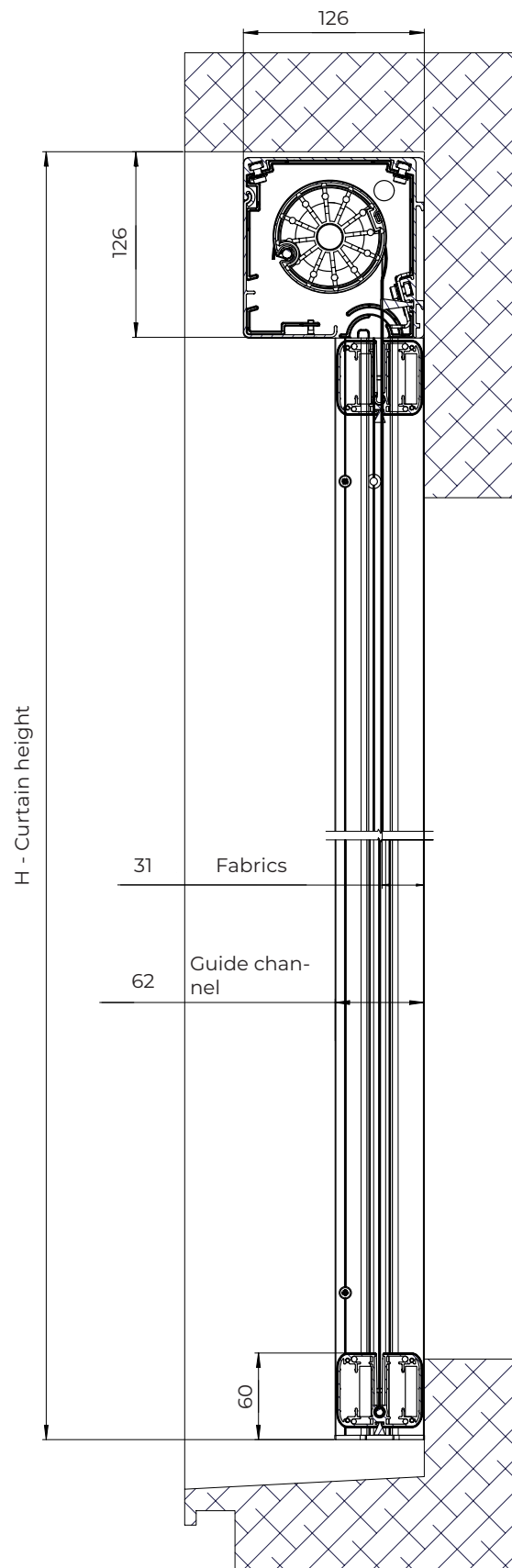
SCREEN R 120 ZIIIP

ZIIIP 120 curtain, wall-mounted version, front mounting
Horizontal cross-section through the bottom beam



SCREEN R 120 ZIIIP

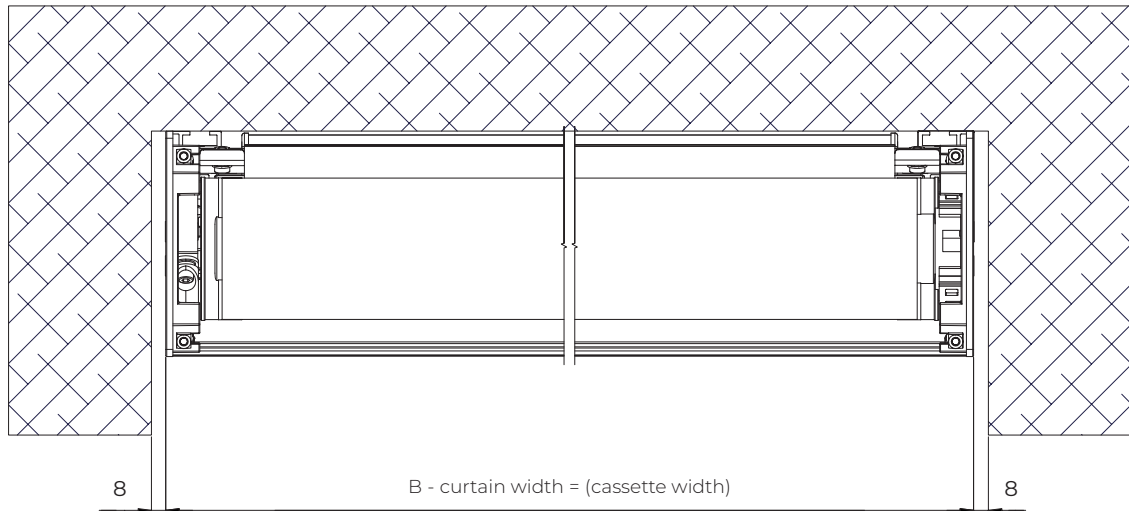
ZIIIP 120 curtain, wall-mounted version, front mounting
Vertical cross-section, extended beam



SCREEN R 120 ZIIIP

ZIIIP 120 curtain, wall-mounted version, front mounting

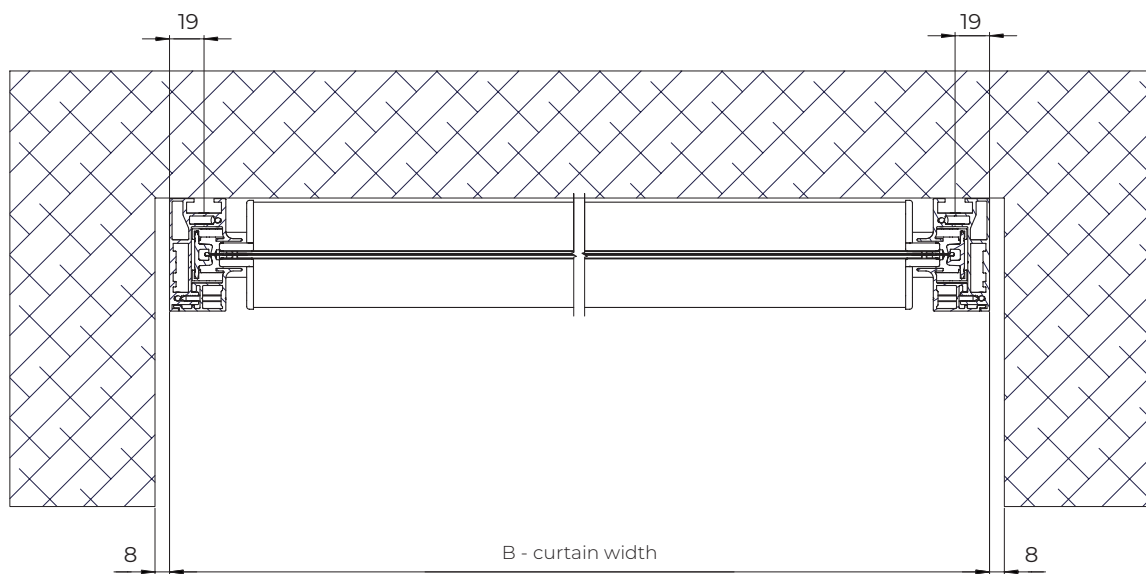
Top view



SCREEN R 120 ZIIIP

ZIIIP 120 curtain, wall-mounted version, front mounting

VIEW FROM Below

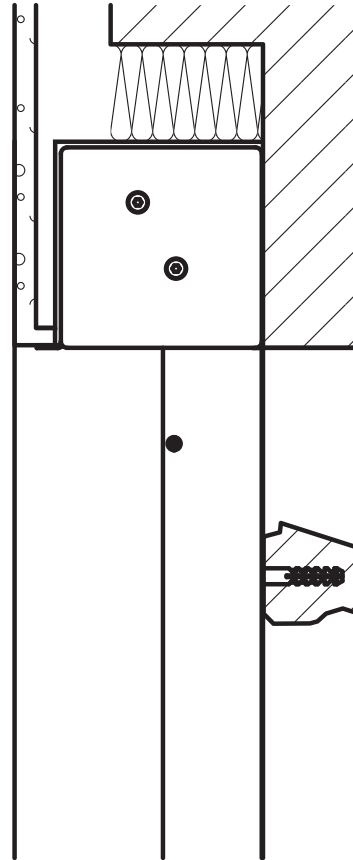


SCREEN R 120 ZIIP

Recessed installation

NOTE:

When installing the DZ, it is recommended to use a non-self-supporting system. In other cases, it is possible that once the cassette has been installed, it will not be possible to fit the guides.



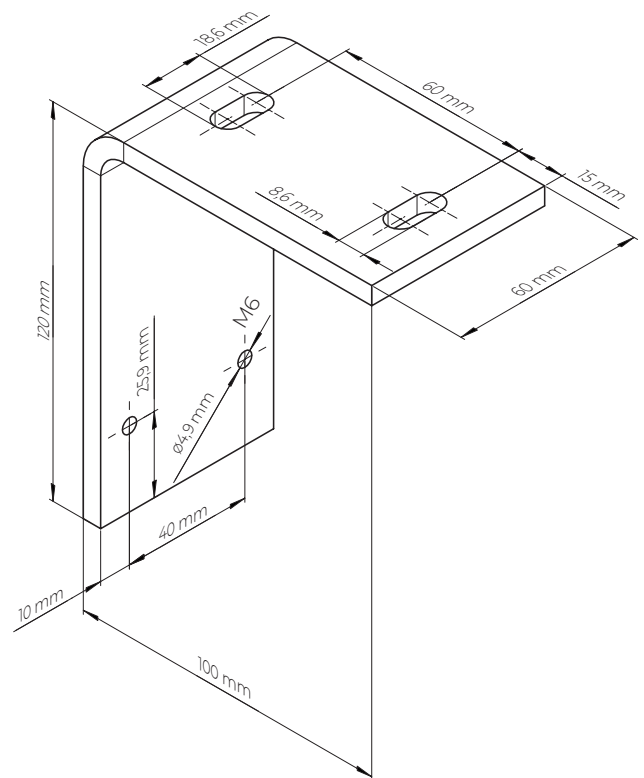
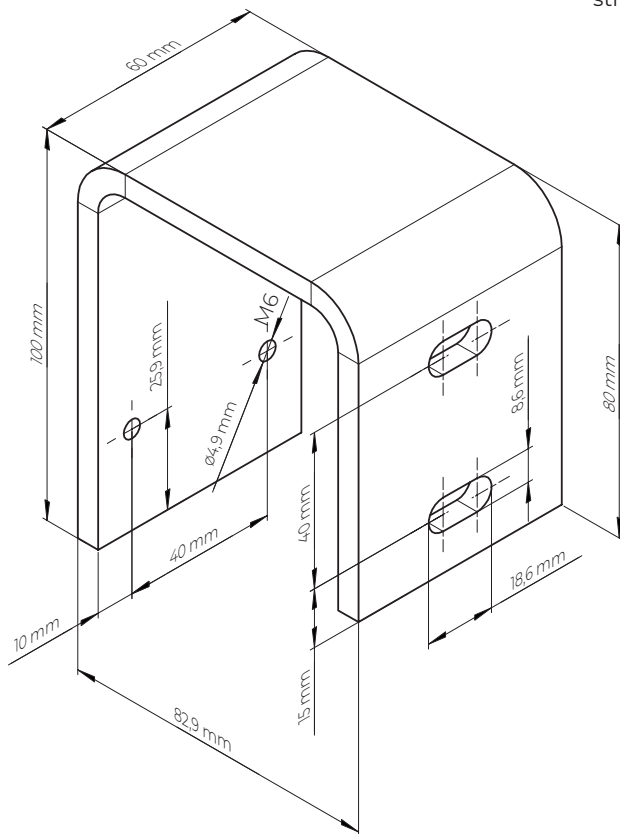
SCREEN R 120 ZIIIP

Wall and ceiling brackets (only for widths up to 4 m)

Wall bracket

In the same colour as the structure

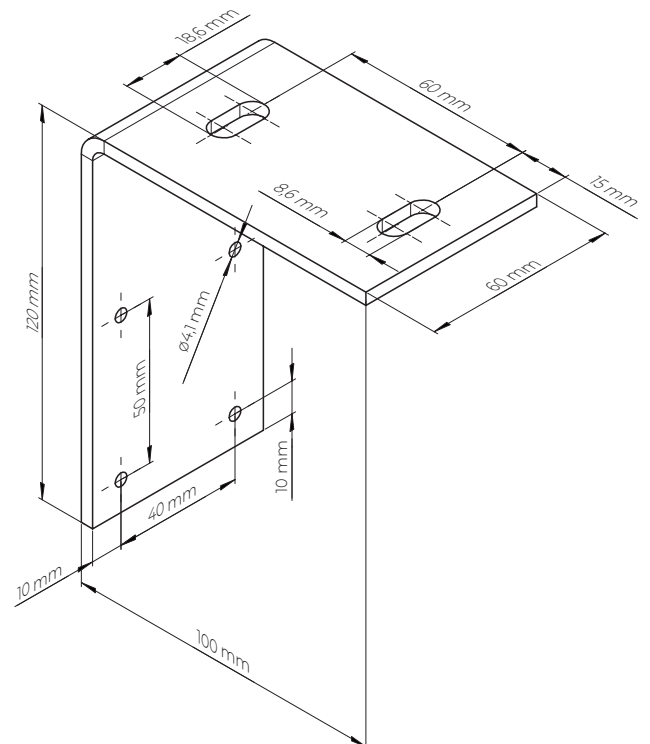
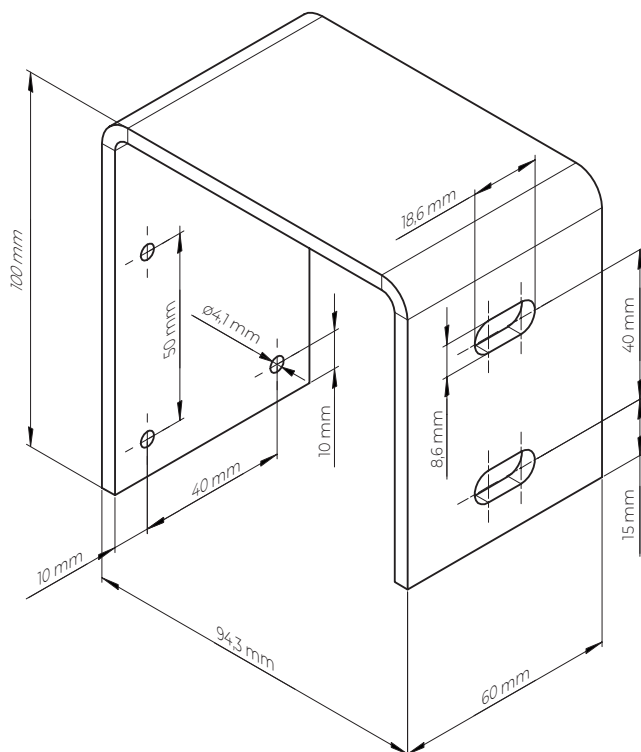
Ceiling bracket



Galvanised steel

Wall bracket (flush-mounted)

Ceiling bracket (flush-mounted)



SCREEN R 95 ZIIP

SCREEN R 95 ZIIP

Vertical awning, box made of extruded aluminium

APPLICATION

- | | |
|-------------------------|-----|
| · External installation | YES |
| · Internal installation | NO |

PRODUCT CHARACTERISTICS

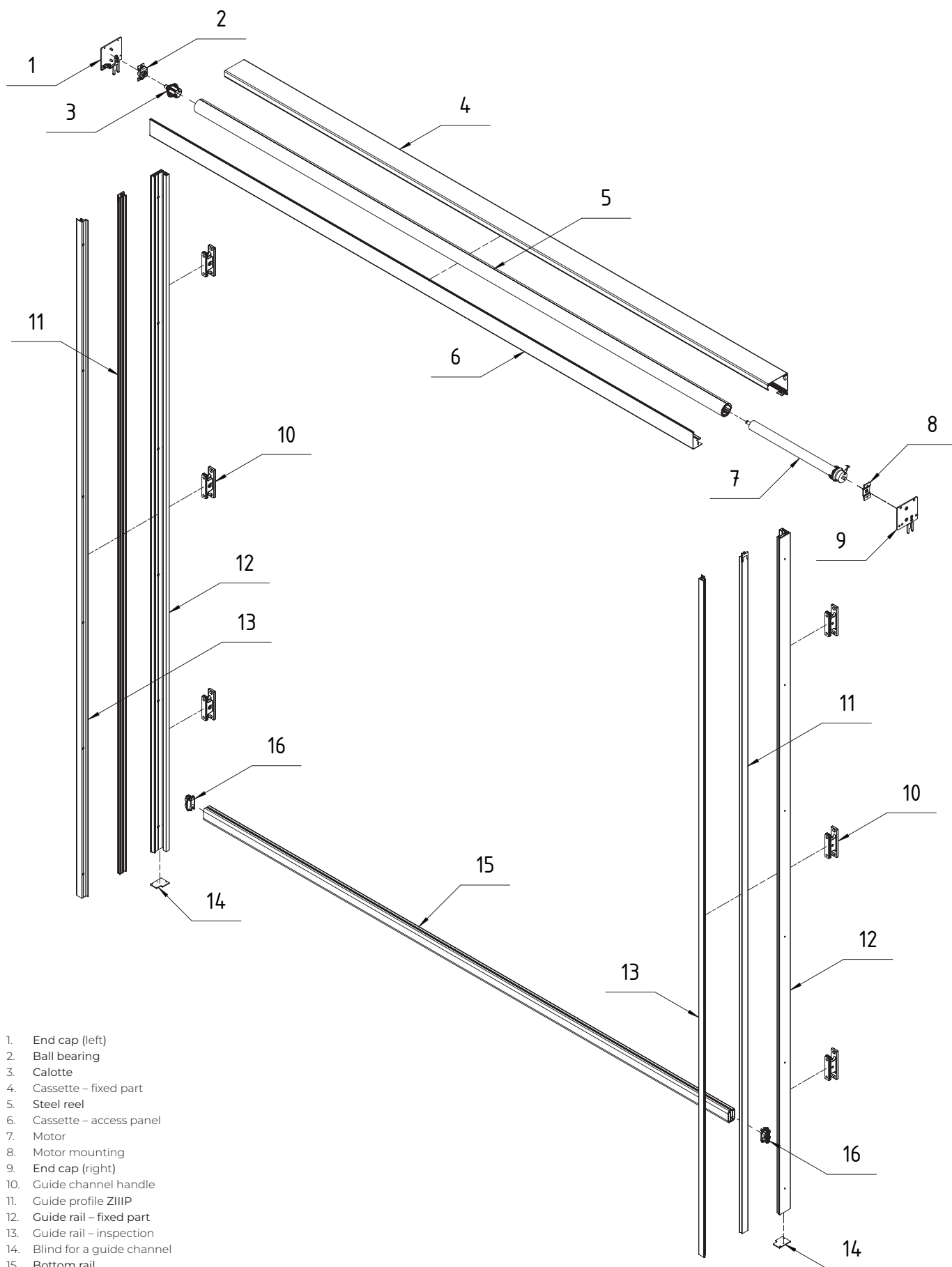
- Cassette for external installation
- Fabric with a zip to prevent light from shining through between the fabric and the guide
- Two-piece guide with a fabric tensioning profile
- Self-supporting system
- Wide range of fabrics

TECHNICAL PARAMETERS

- | | |
|------------------|---------|
| · Colour scheme | RAL |
| · Electric drive | YES |
| · Manual drive | NO |
| · Maximum width | 2700 mm |
| · Maximum height | 3000 mm |

SCREEN R 95 ZIIIP

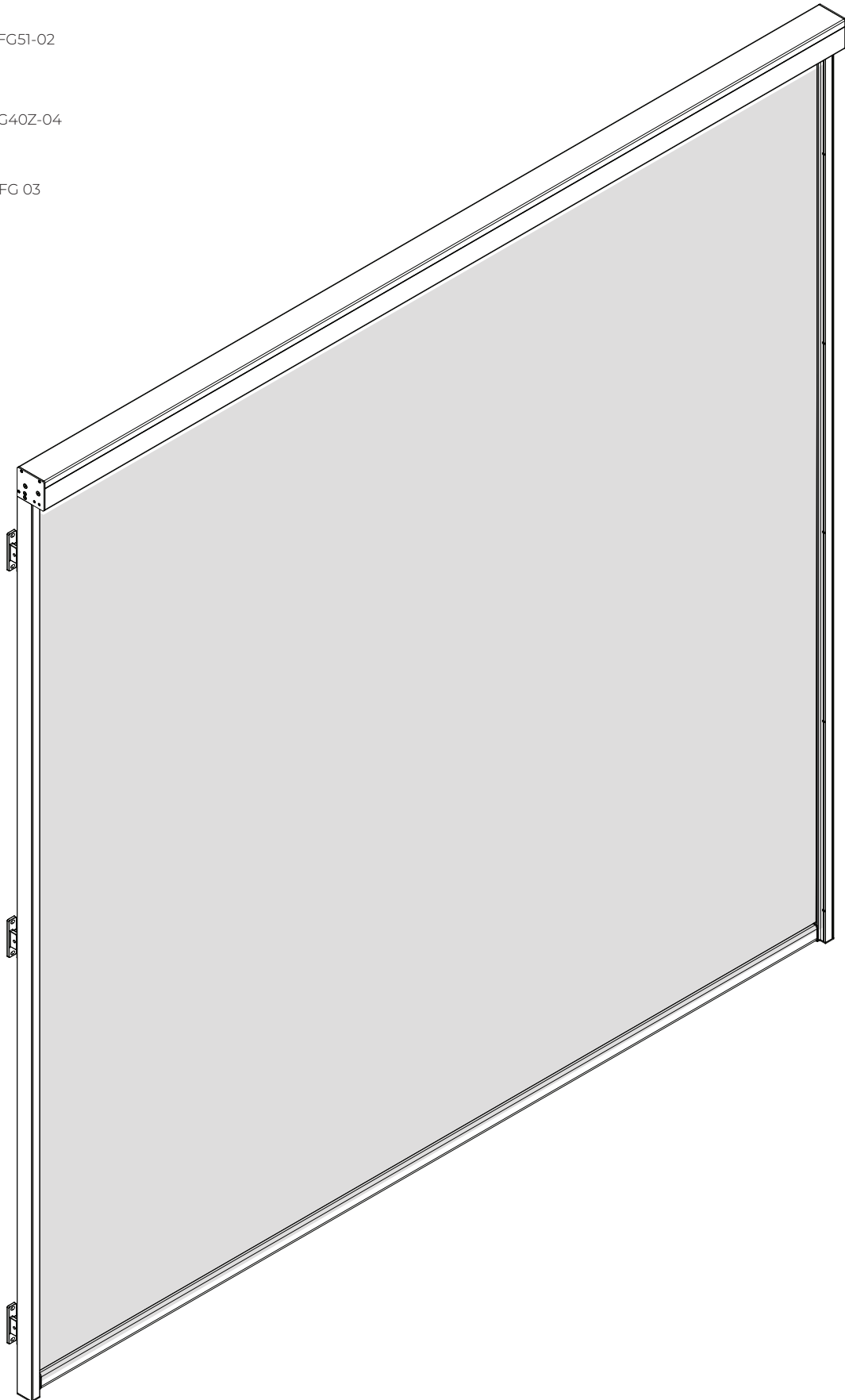
Exploded view



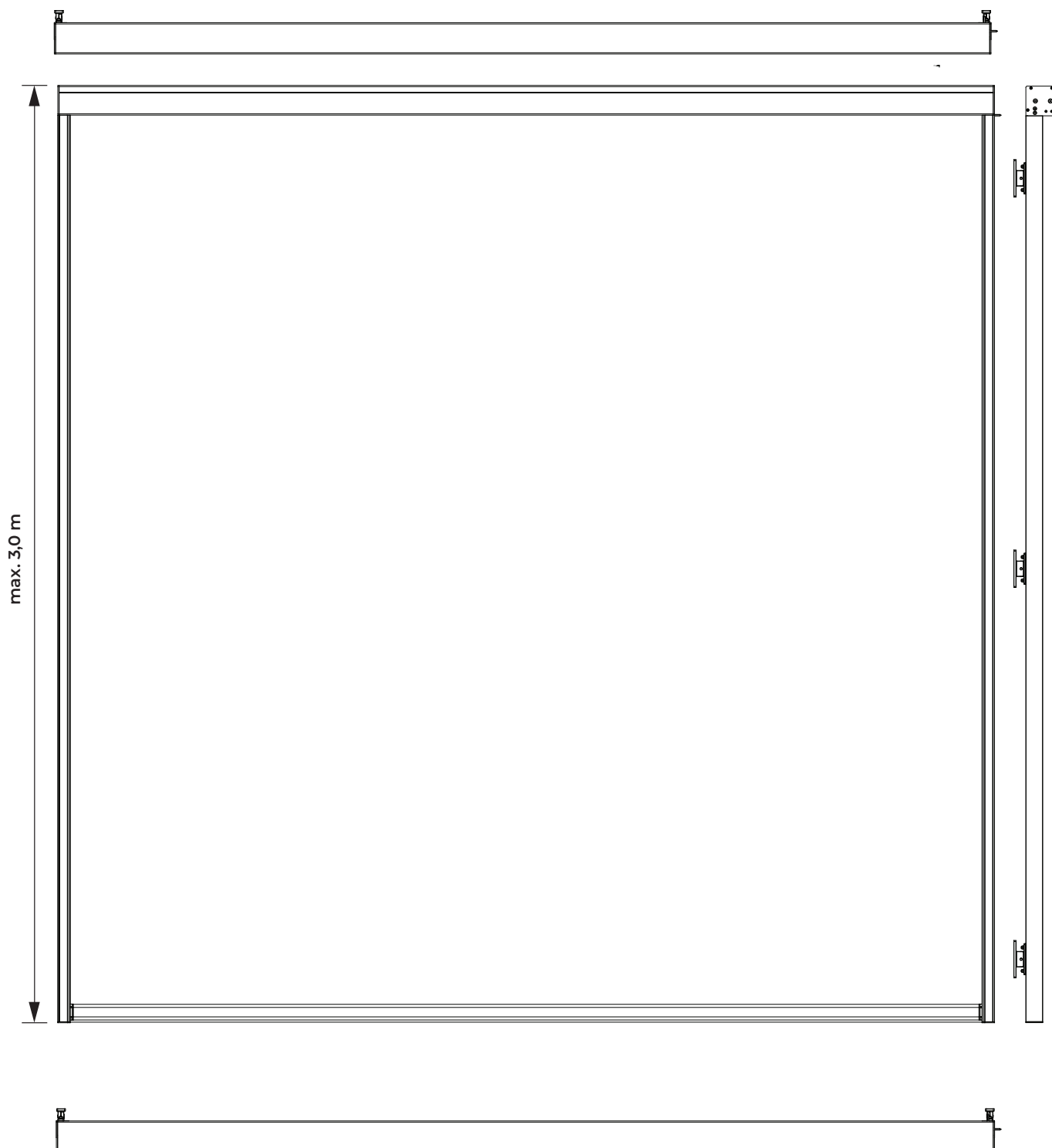
1. End cap (left)
2. Ball bearing
3. Calotte
4. Cassette – fixed part
5. Steel reel
6. Cassette – access panel
7. Motor
8. Motor mounting
9. End cap (right)
10. Guide channel handle
11. Guide profile ZIIIP
12. Guide rail – fixed part
13. Guide rail – inspection
14. Blind for a guide channel
15. Bottom rail
16. End slat blind

SCREEN R 95 ZIIIP

-  FG51-02
-  G40Z-04
-  FG 03



SCREEN R 95 ZIIIP
Maximum dimensions

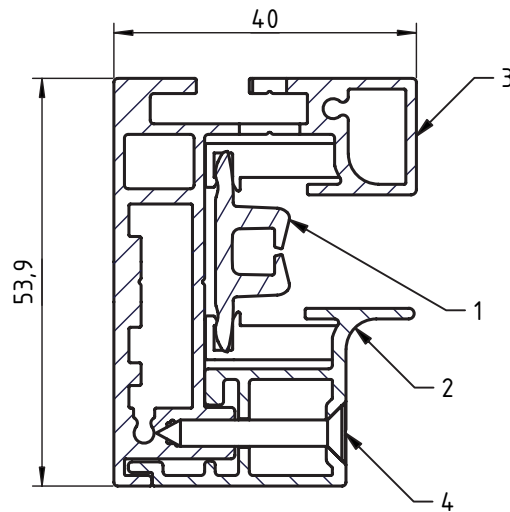


SCREEN R 95 ZIIP

Guide profile SCREEN R 95 ZIIP

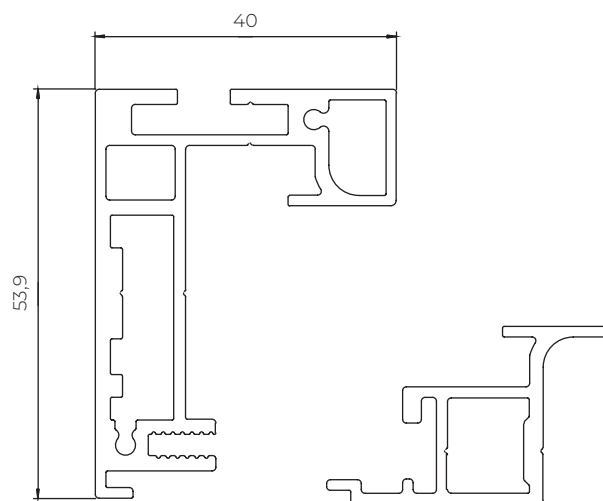
Main dimensions

1. Shock-absorbing profile
2. Guide channel G40Z - Revision
3. Guide channel G40Z-04 (Fixed section)
4. Fixing screw

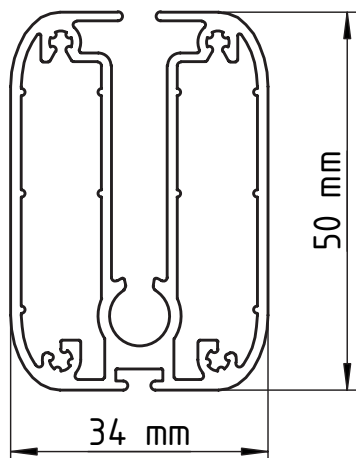


SCREEN R 95 ZIIP

Fixed and moving parts

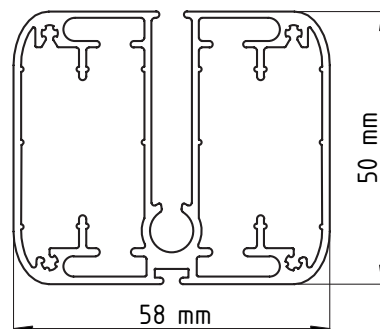


SCREEN R 95 ZIIIP
Bottom rail FG51-02



SCREEN R 95 ZIIIP
Bottom rail FG51-03

Bottom rail FG51-03



Wymiar [mm]	1000 mm	1250 mm	1599 mm
1000 mm	Z95 / Z120	Z95 / Z120	Z95 / Z120
1250 mm	Z95 / Z120	Z95 / Z120	Z95 / Z120
1500 mm	Z95 / Z120	Z95 / Z120	Z95 / Z120
1750 mm	Z95 / Z120	Z95 / Z120	Z95 / Z120
2000 mm	Z95 / Z120	Z95 / Z120	Z95 / Z120
2250 mm	Z95 / Z120	Z95 / Z120	Z95 / Z120
2500 mm	Z95 / Z120	Z95 / Z120	Z95 / Z120
2750 mm	Z95 / Z120	Z95 / Z120	Z95 / Z120
3000 mm	Z95 / Z120	Z95 / Z120	Z95 / Z120
3250 mm	Z120	Z120	Z120
3500 mm	Z120	Z120	Z120
3750 mm	Z120	Z120	Z120
4000 mm	Z120	Z120	Z120

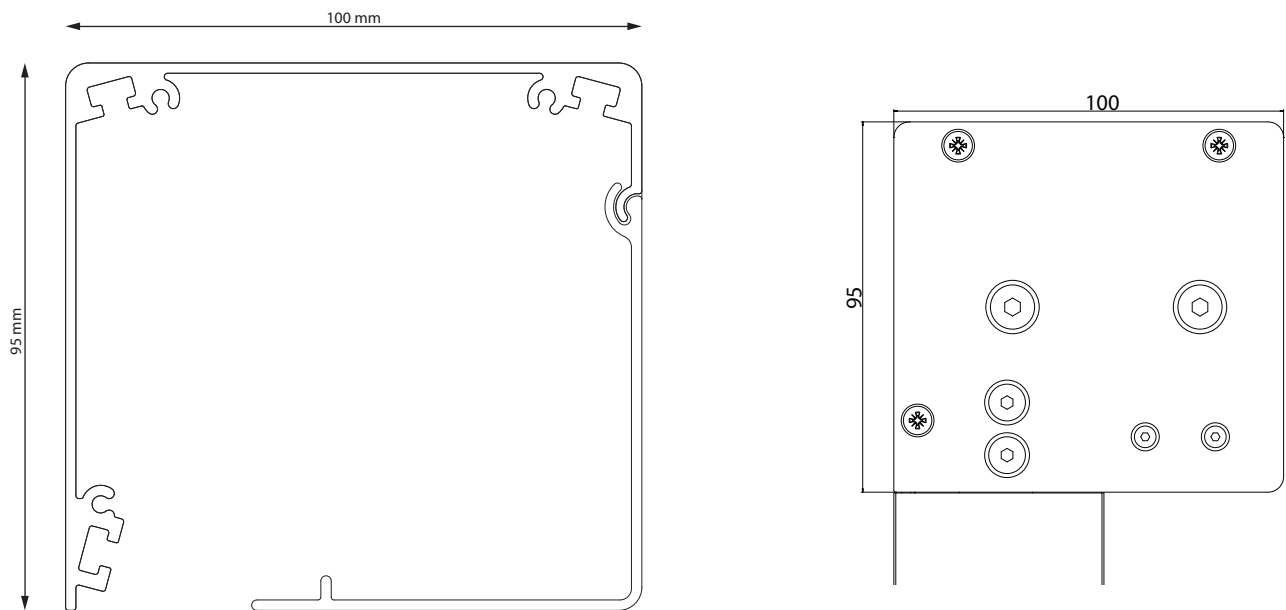
APPLICATION:

For widths up to 1599 mm, we recommend using the version with the extended beam included in the price; however, it is possible to use the standard beam upon the customer's express request when placing the order (sale subject to consultation with the sales department).

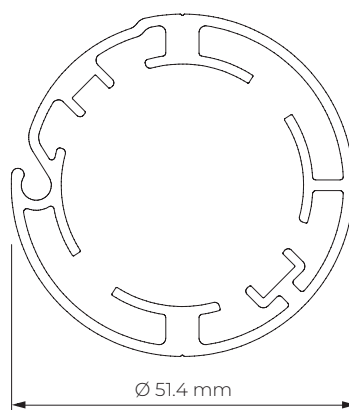
Version with extended beam

* in other systems, an extended bottom beam is available for an additional 5% of the system price

SCREEN R 95 ZIIIP
Cross-section of the cassette

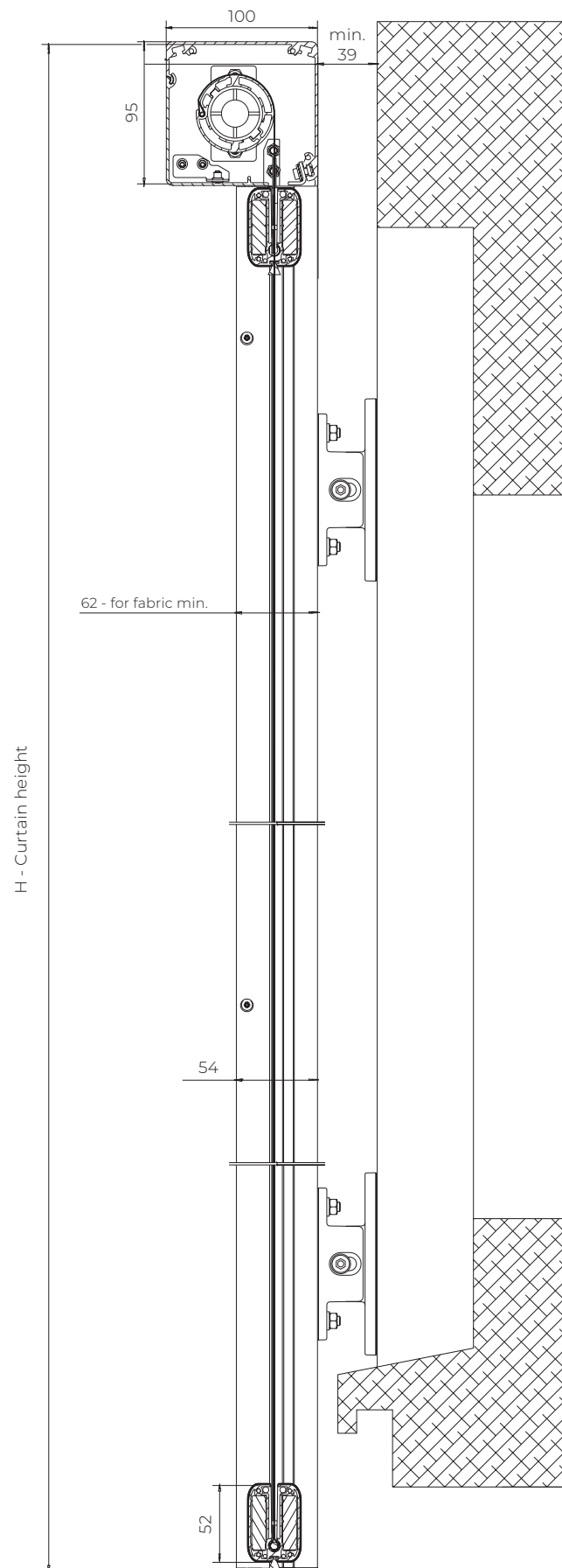


SCREEN R 95 ZIIIP
Winding tube D 51 for motor



SCREEN R 95 ZIIIP

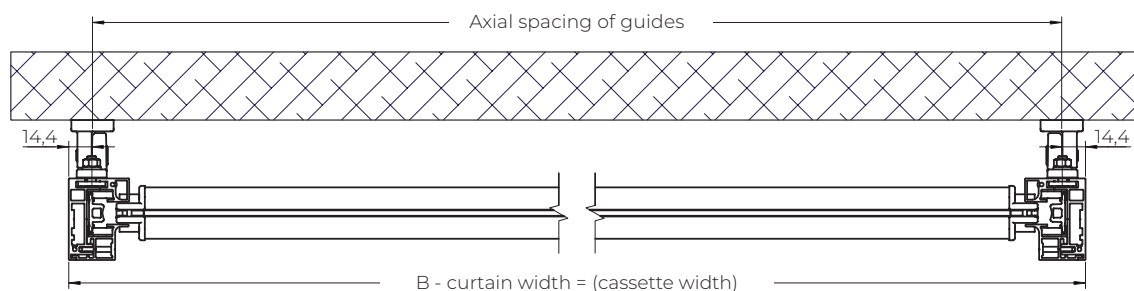
ZiP 95 curtain. Self-supporting version on adjustable brackets,
standard beam – side view



SCREEN R 95 ZIIIP

ZiP 95 curtain. Self-supporting version on adjustable brackets.

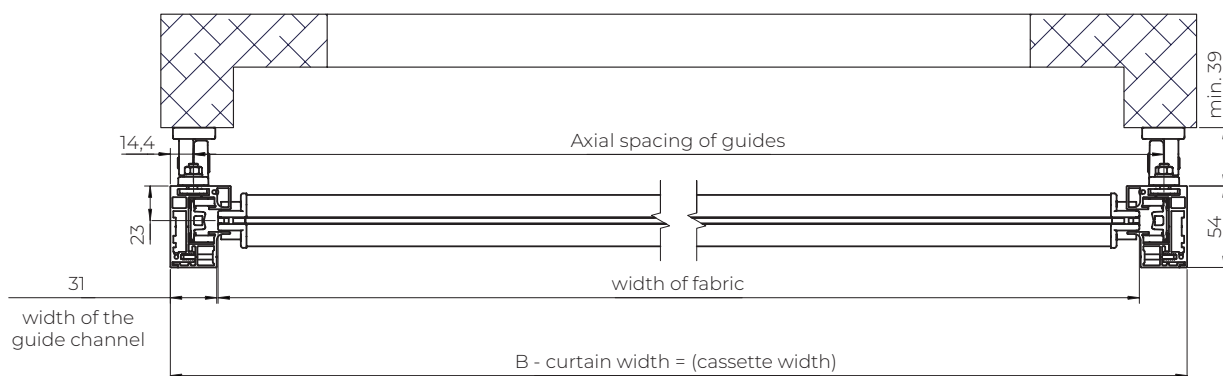
Top view



SCREEN R 95 ZIIIP

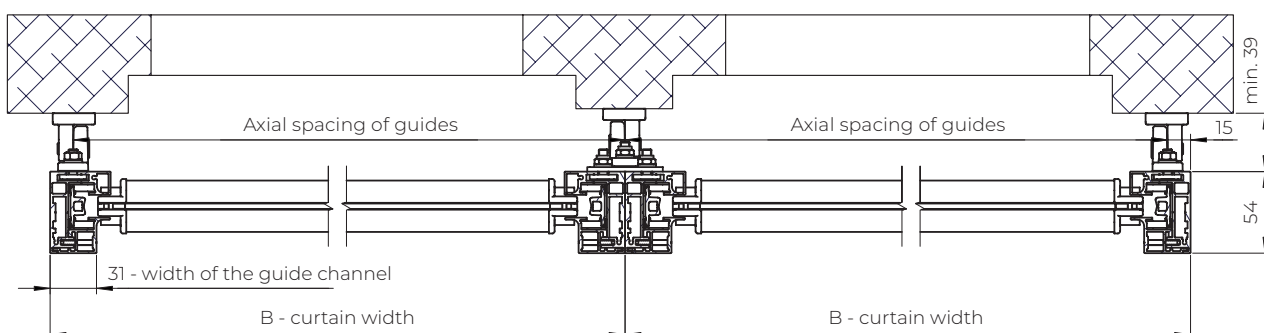
ZiP 95 curtain. Self-supporting version on articulated brackets.

VIEW FROM Below.



SCREEN R ZIIIP95

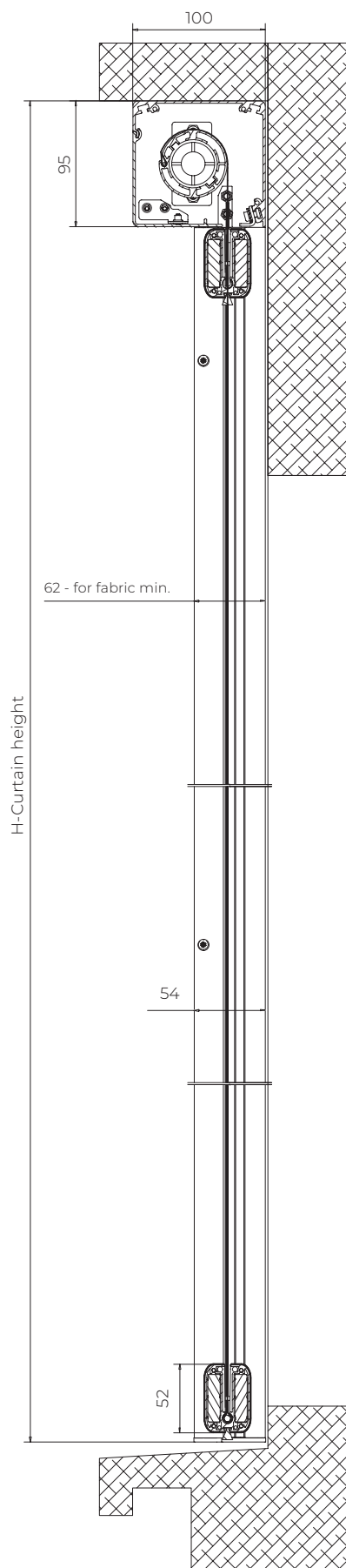
ZIIIP95 curtain, modular self-supporting version with adjustable modular brackets



SCREEN R 95 ZIIIP

ZiP 95 curtain. Wall-mounted version.

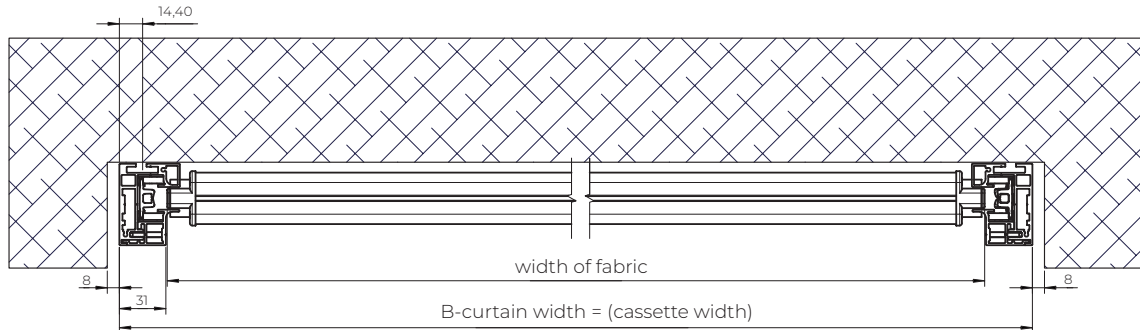
No handles, standard beam. VIEW FROM Below.



SCREEN R 95 ZIIIP

ZIP 95 curtain. Wall-mounted version. Mounting without brackets.

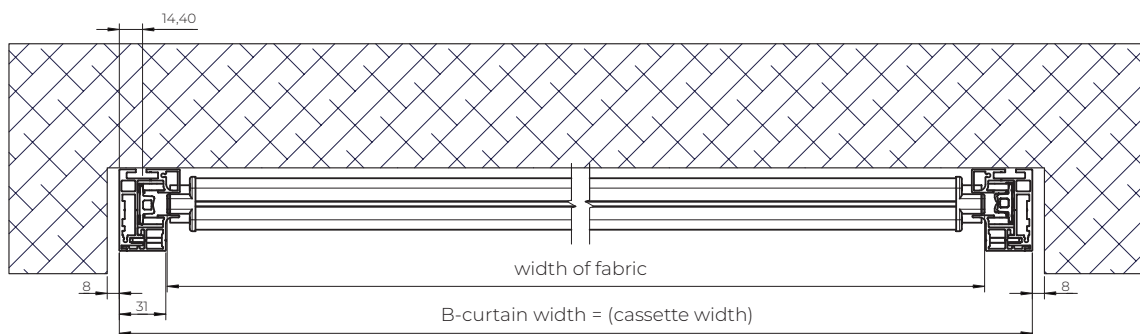
TOP view



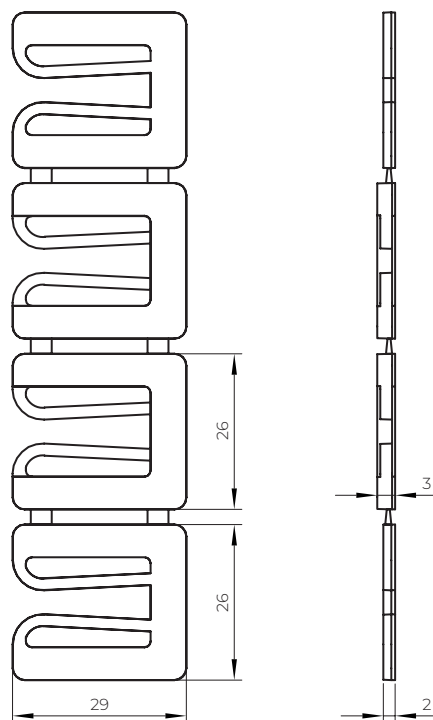
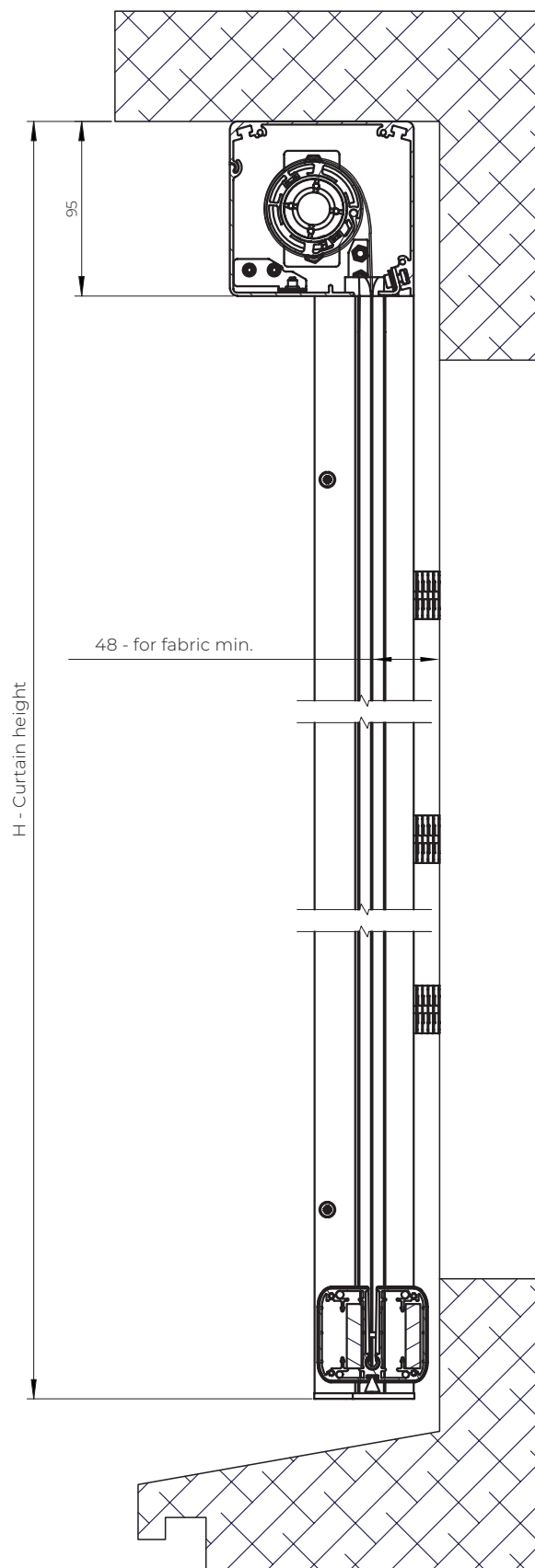
SCREEN R 95 ZIIIP

ZIP 95 curtain. Wall-mounted version. Mounting without brackets.

Cross-section from below



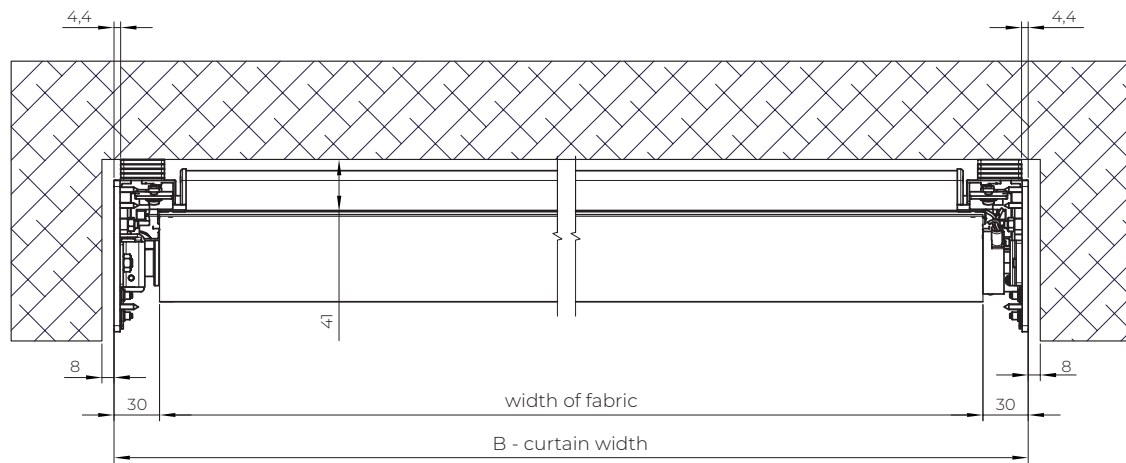
ZiP 95 curtain. Wall-mounted version. Extended rail.
side view



Technical drawing of a cross-section of a guide assembly. The drawing shows a central shaft with a diameter of 6.1 mm, passing through a housing. The housing has a total width of 40 mm and a central bore with a diameter of 7 mm. The shaft is secured with a nut and washer. The housing has a front flange with a thickness of 1 mm and a rear flange with a thickness of 2 mm. The total width of the housing is 53.9 mm. The shaft is labeled "Profiles C2756". Arrows indicate the "Rear of the guide" and "front guide".

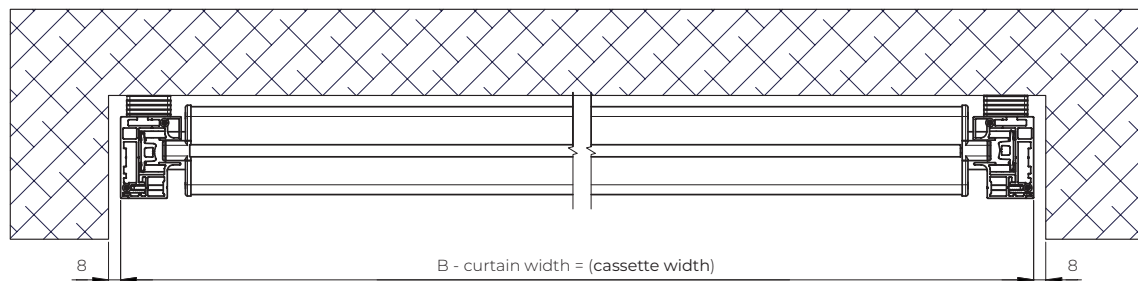
SCREEN R 95 ZIIIP

ZiP 95 curtain. Wall-mounted version. Mounting without brackets. Beam extended on spacers



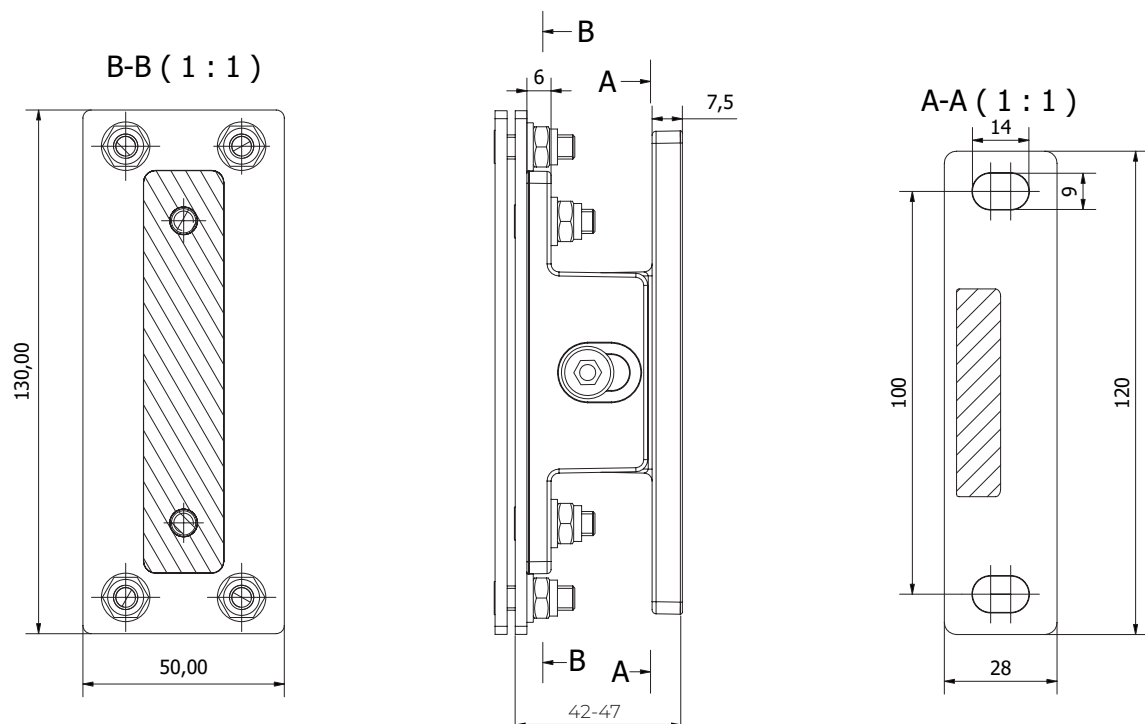
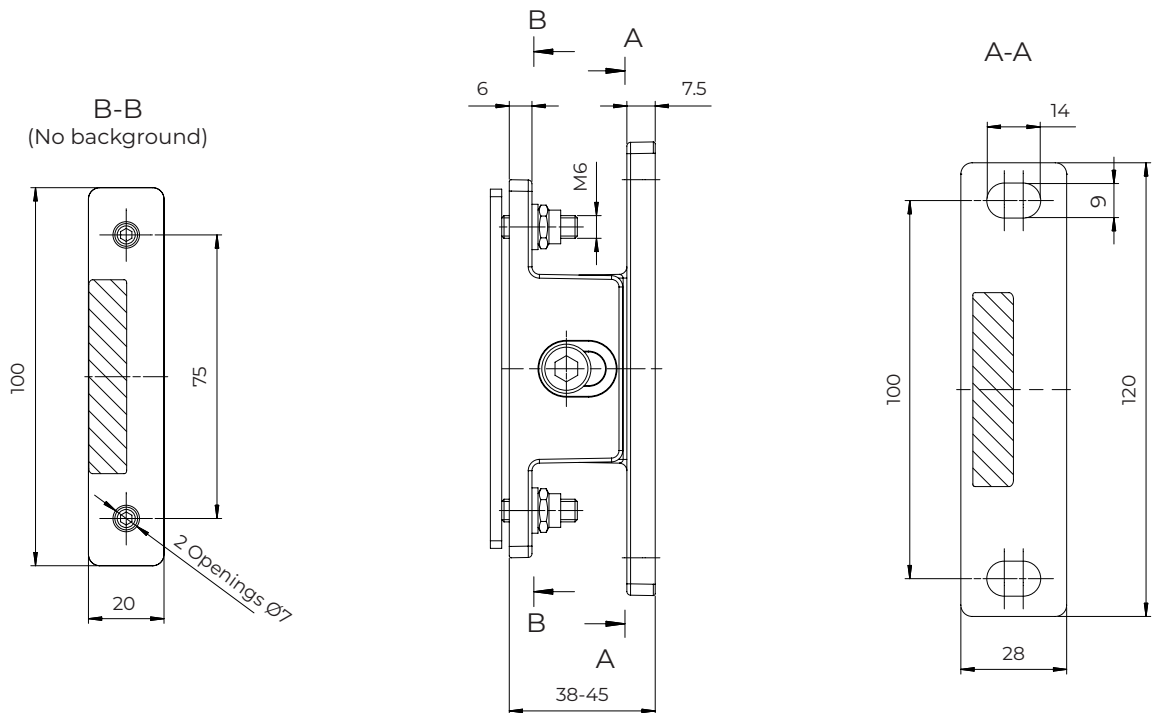
SCREEN R 95 ZIIIP

ZiP 95 blind. Wall-mounted version. Bracket-free mounting, extended beam on spacers, cross-section from below



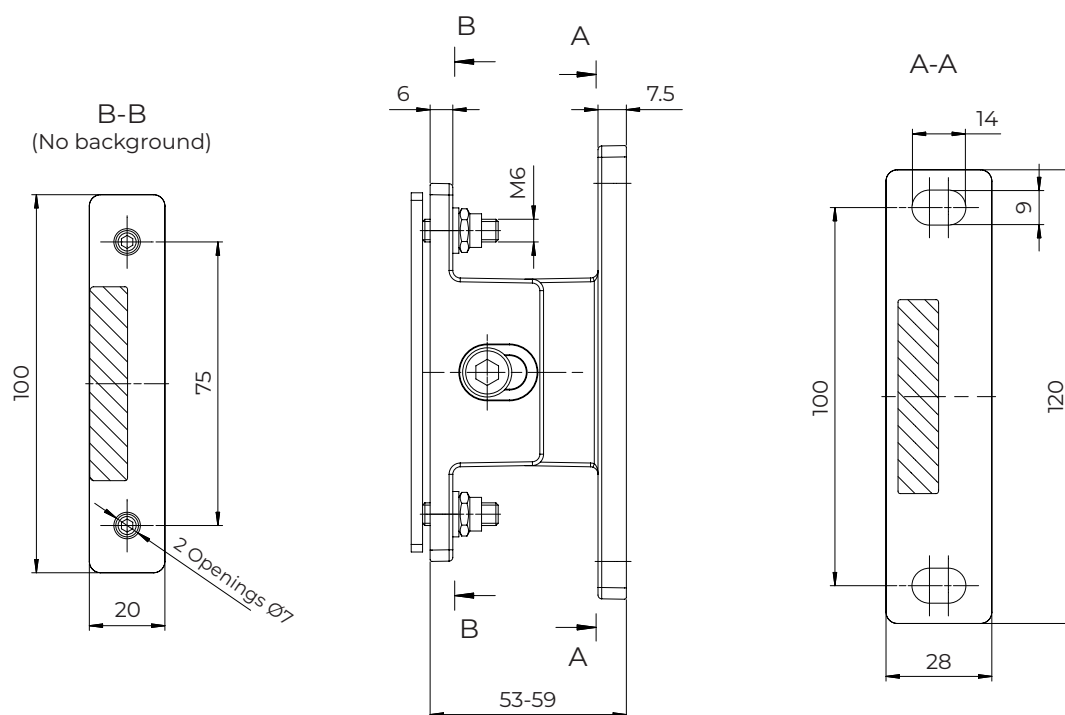
SCREEN R 95 ZIIIP

Self-supporting adjustable handle TYPE 38-45



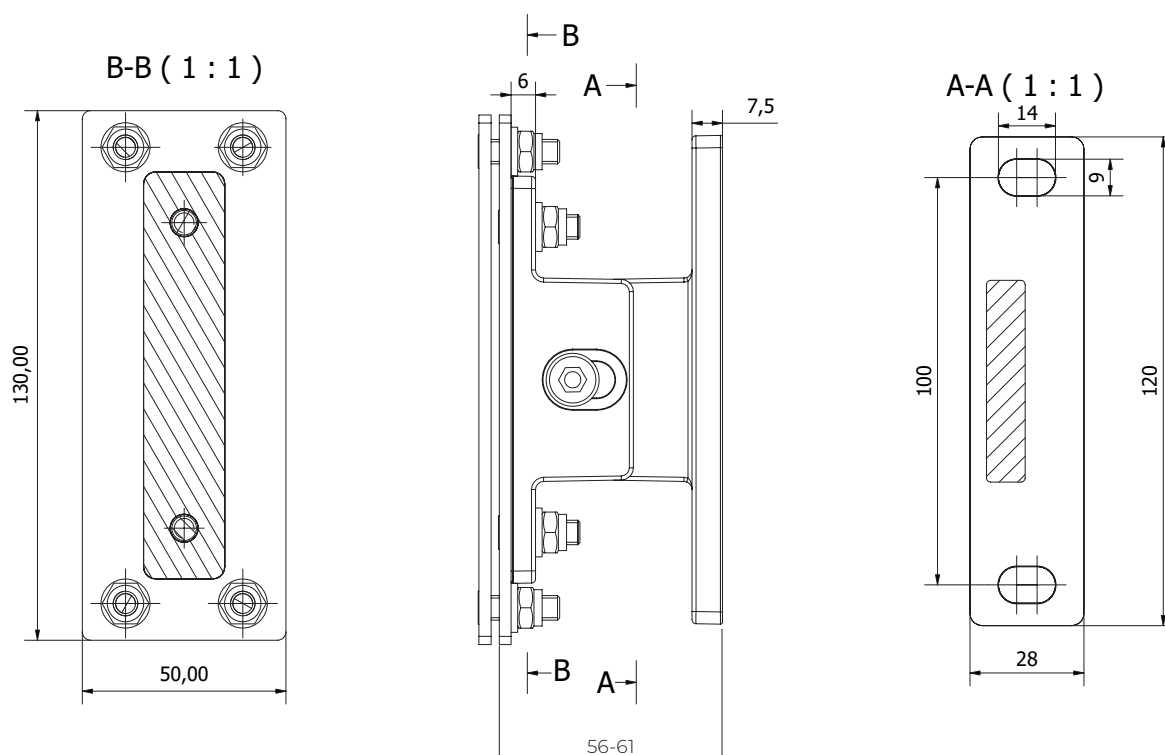
SCREEN R 95 ZIIIP

Self-supporting adjustable handle TYPE 53-59



SCREEN R 95 ZIIIP

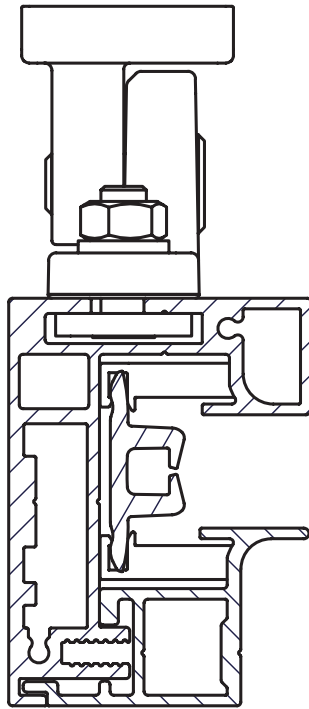
Self-supporting adjustable bracket – modular TYPE 56-61



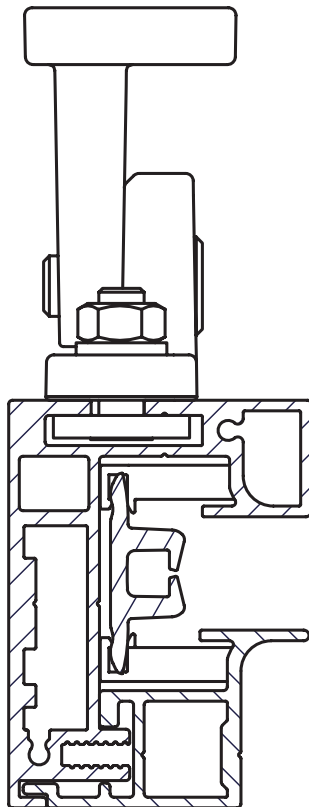
SCREEN R 95 ZIIIP

Attaching the handle to the guide rail

adjustable
TYPE 38-45

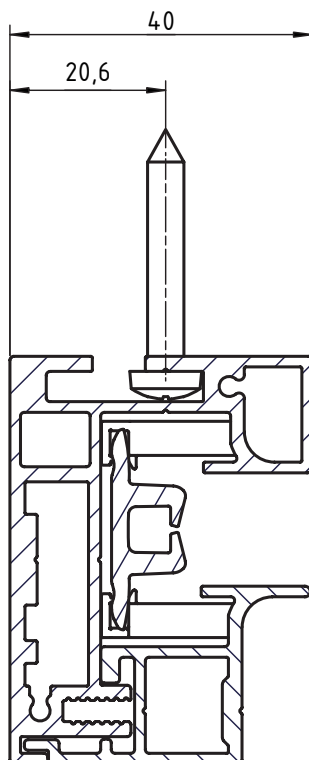
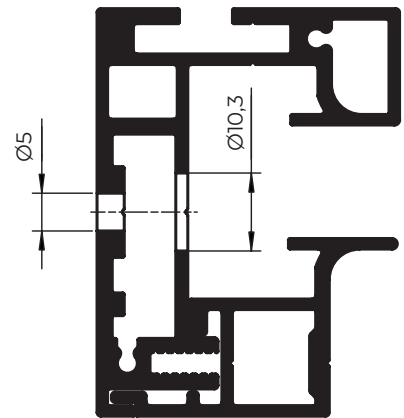
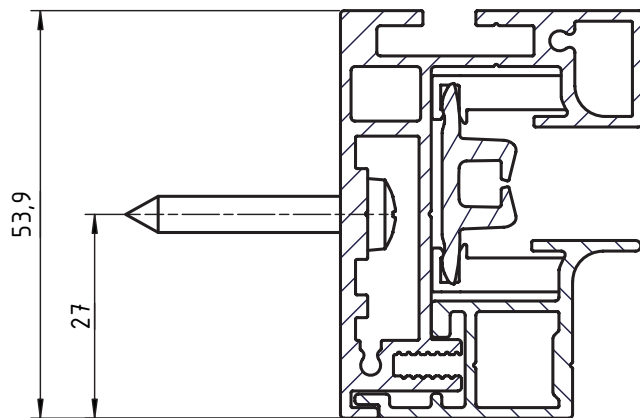


adjustable
TYPE 53-60

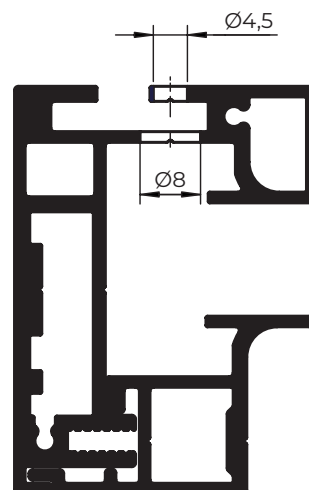


SCREEN R 95 ZIIIP
Guide rail installation method.

Side mounting directly to the wall.



Front mounting directly to the wall.



SCREEN R ZIIP BOX

SCREEN R ZIIP BOX

Vertical sunshade

APPLICATION

- | | |
|-------------------------|-----|
| · External installation | YES |
| · Internal installation | NO |

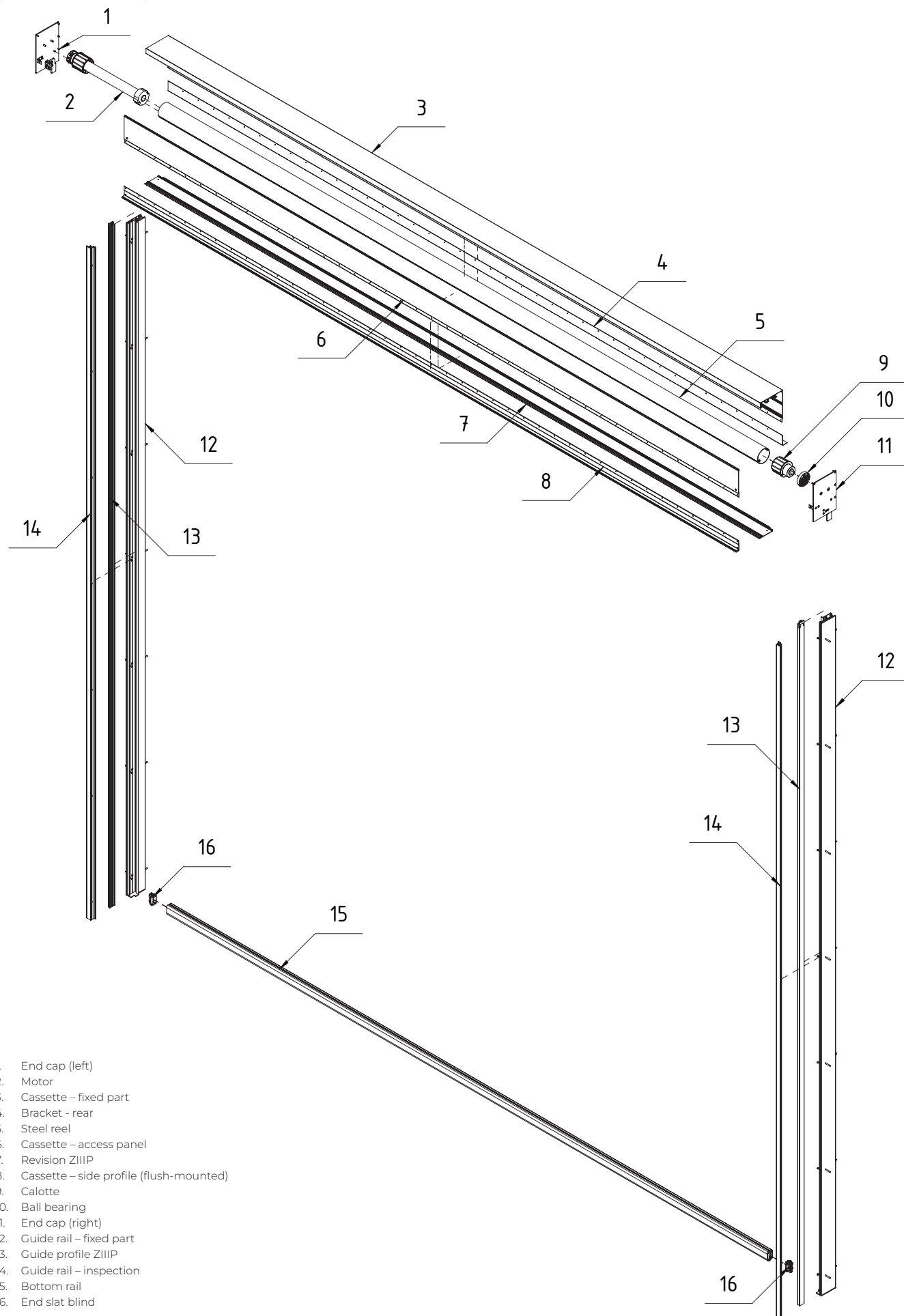
PRODUCT CHARACTERISTICS

- Flush-mounted cassette made of extruded aluminium combined with bent aluminium sheet elements
- Fabric with a zip to prevent light from shining through between the fabric and the guide
- Two access panels for easy access and installation
- Two-piece guide with a fabric tensioning profile
- Lower beam retractable into the cassette
- BOX 2 version with lintel insulation
- Wide range of fabrics

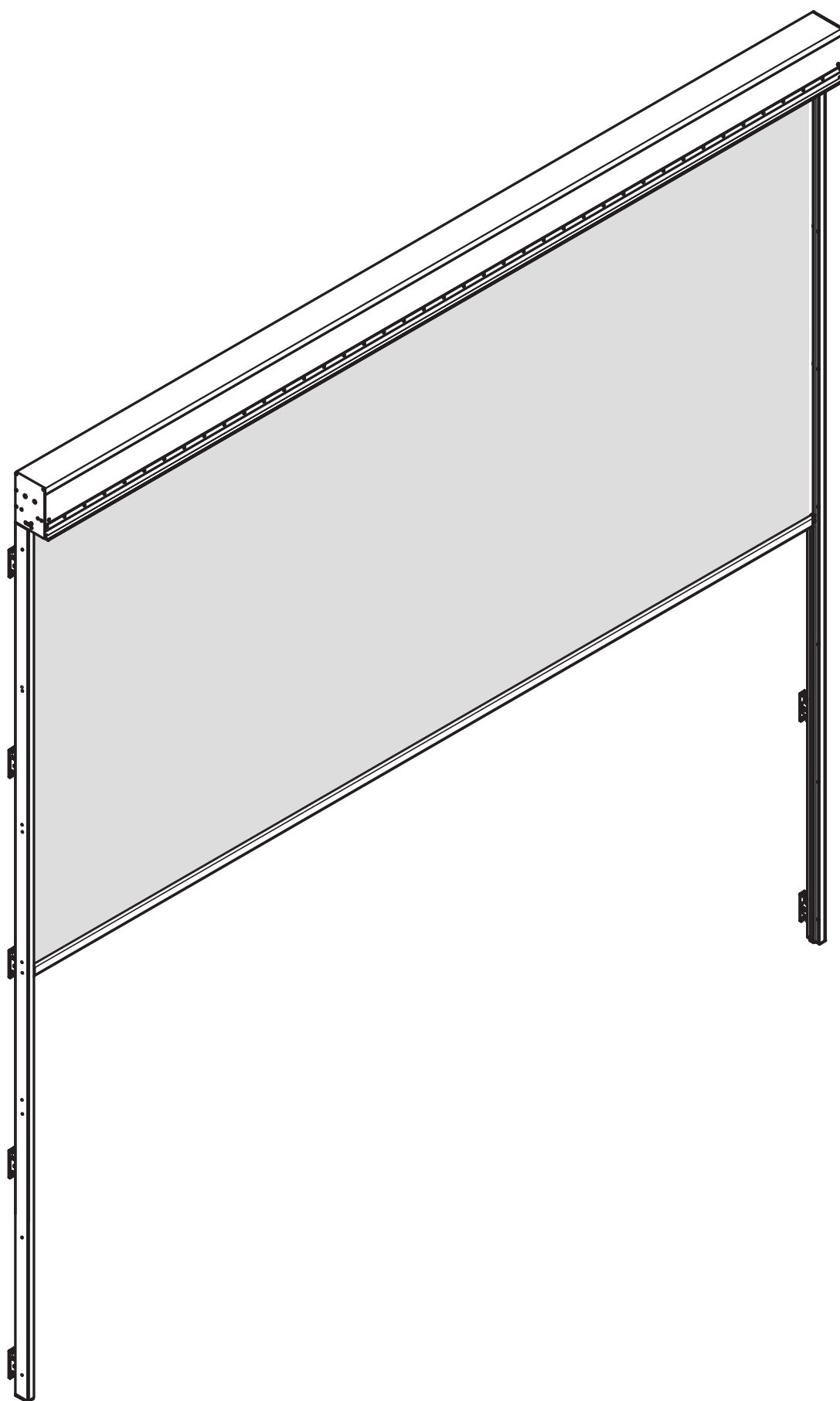
TECHNICAL PARAMETERS

- | | |
|------------------|---------|
| · Colour scheme | RAL |
| · Electric drive | YES |
| · Manual drive | NO |
| · Maximum width | 4000 mm |
| · Maximum height | 4000 mm |

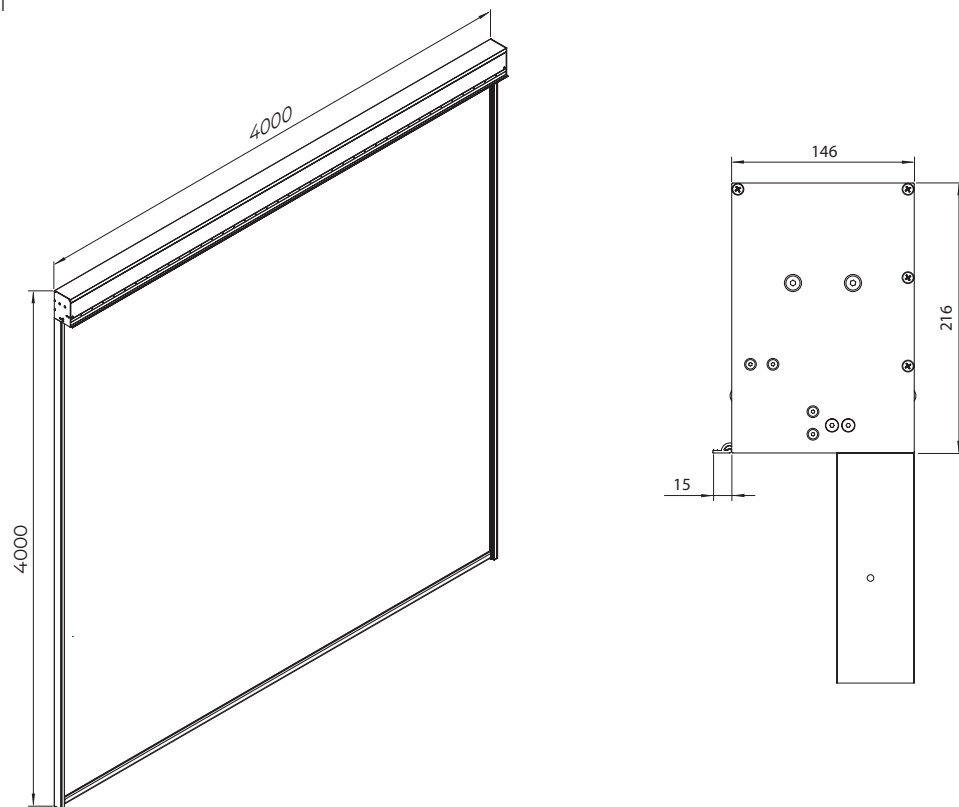
SCREEN R ZIIIP BOX



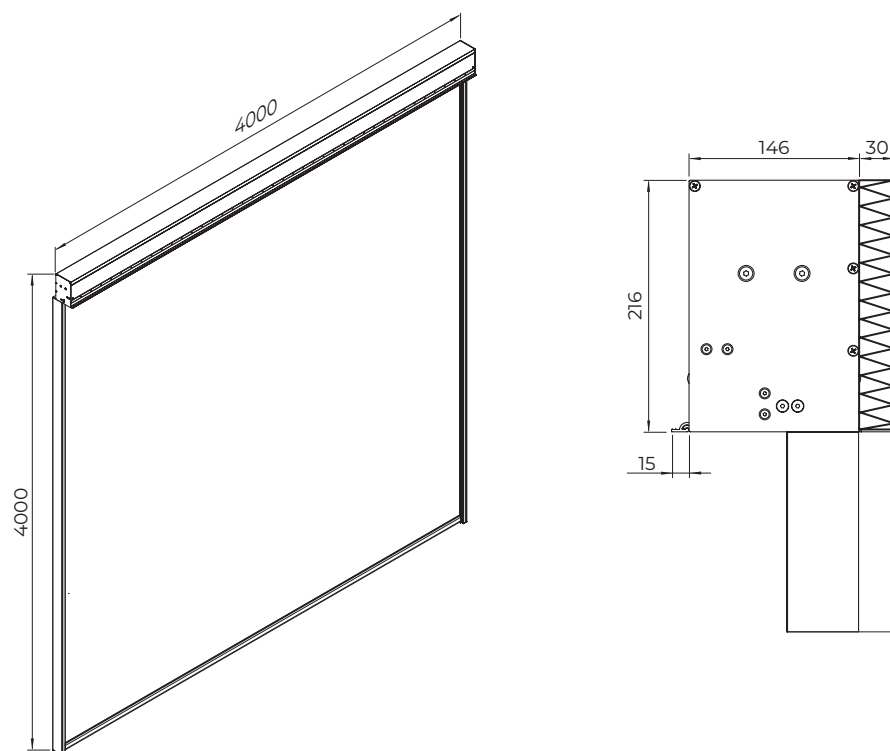
SCREEN R ZIIP BOX



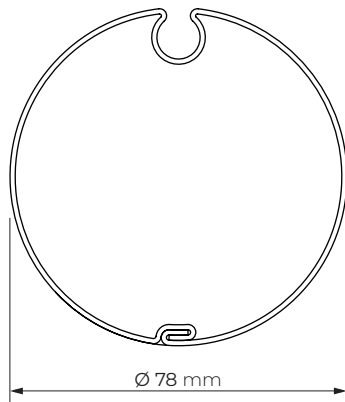
SCREEN R ZIIP BOX 1
Maximum dimensions



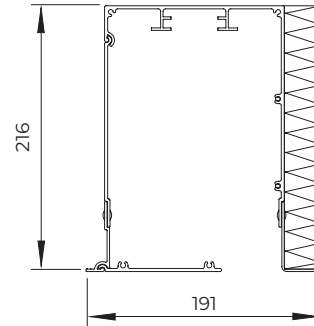
SCREEN R ZIIP BOX 2
Maximum dimensions



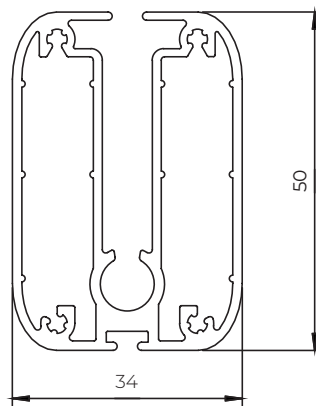
SCREEN R ZIIP BOX
Galvanised roller tube



SCREEN R ZIIP BOX 2
Box

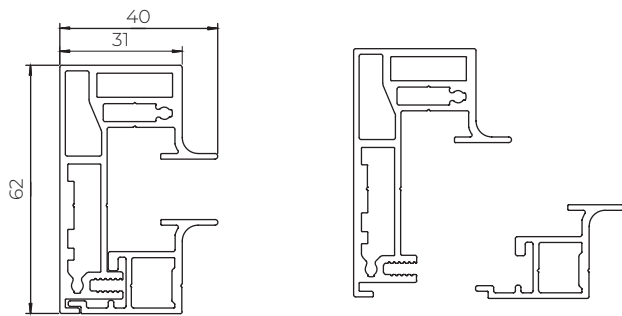


SCREEN R ZIIP BOX
Bottom rail FG51-02



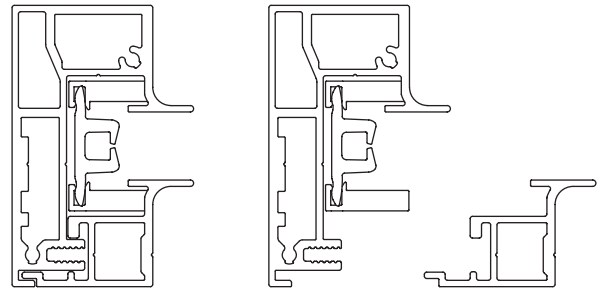
SCREEN R ZIIIP BOX 1

Smooth guide rail (installation without brackets)



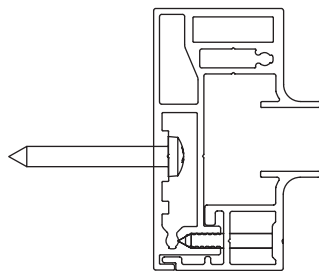
SCREEN R ZIIIP BOX 1

Guide rail cross-section

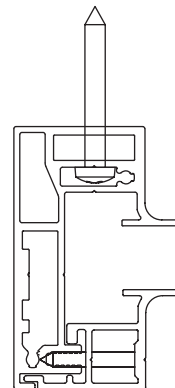


SCREEN R ZIIIP BOX 1

Direct wall mounting in two variants



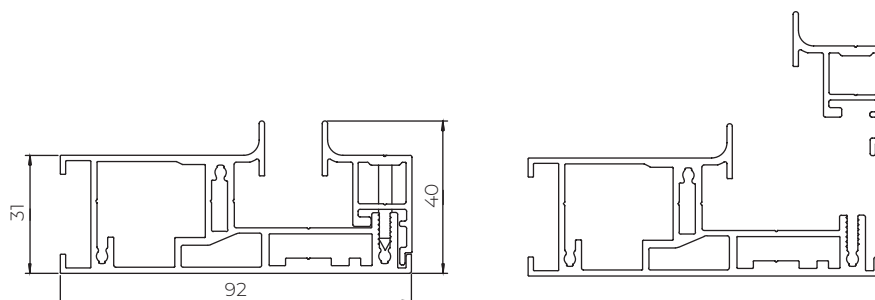
Recessed installation



Window-side installation

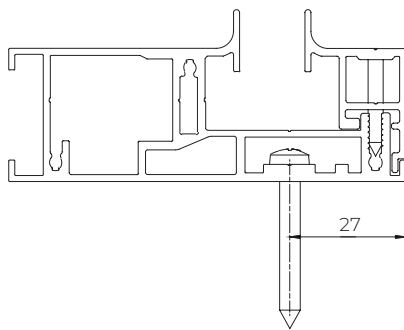
SCREEN R ZIIIP BOX 2

Guide channel

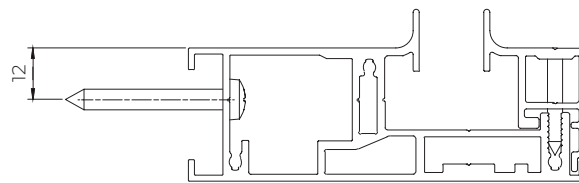


SCREEN R ZIIP BOX 2

Direct wall mounting in two variants



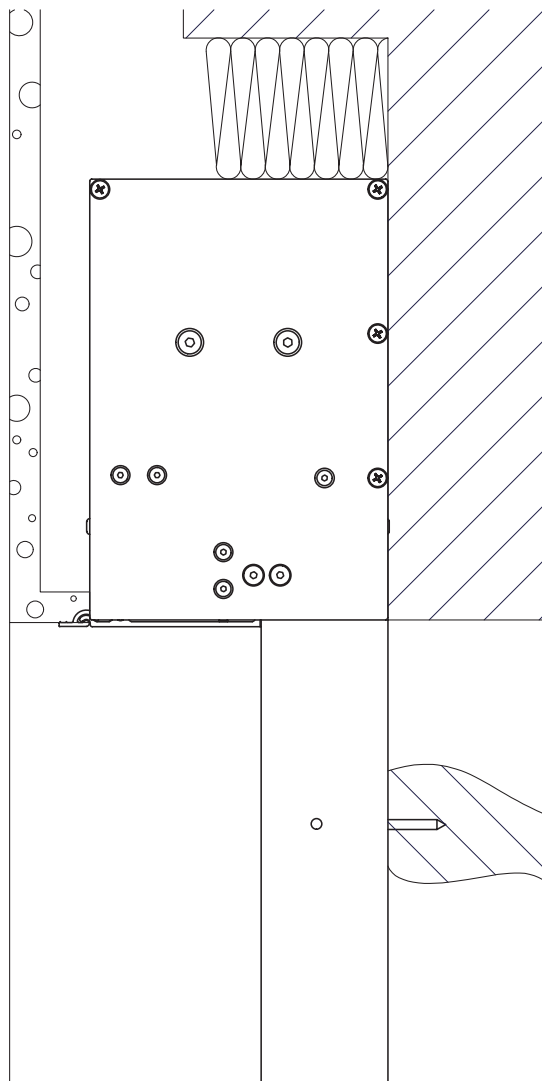
Recessed installation



Window-side installation

SCREEN R ZIIP BOX 1

Recessed installation



SCREEN R 120, 120DZ

SCREEN R 120

Vertical awning, box made of extruded aluminium

APPLICATION

- | | |
|-------------------------|-----|
| · External installation | YES |
| · Internal installation | NO |

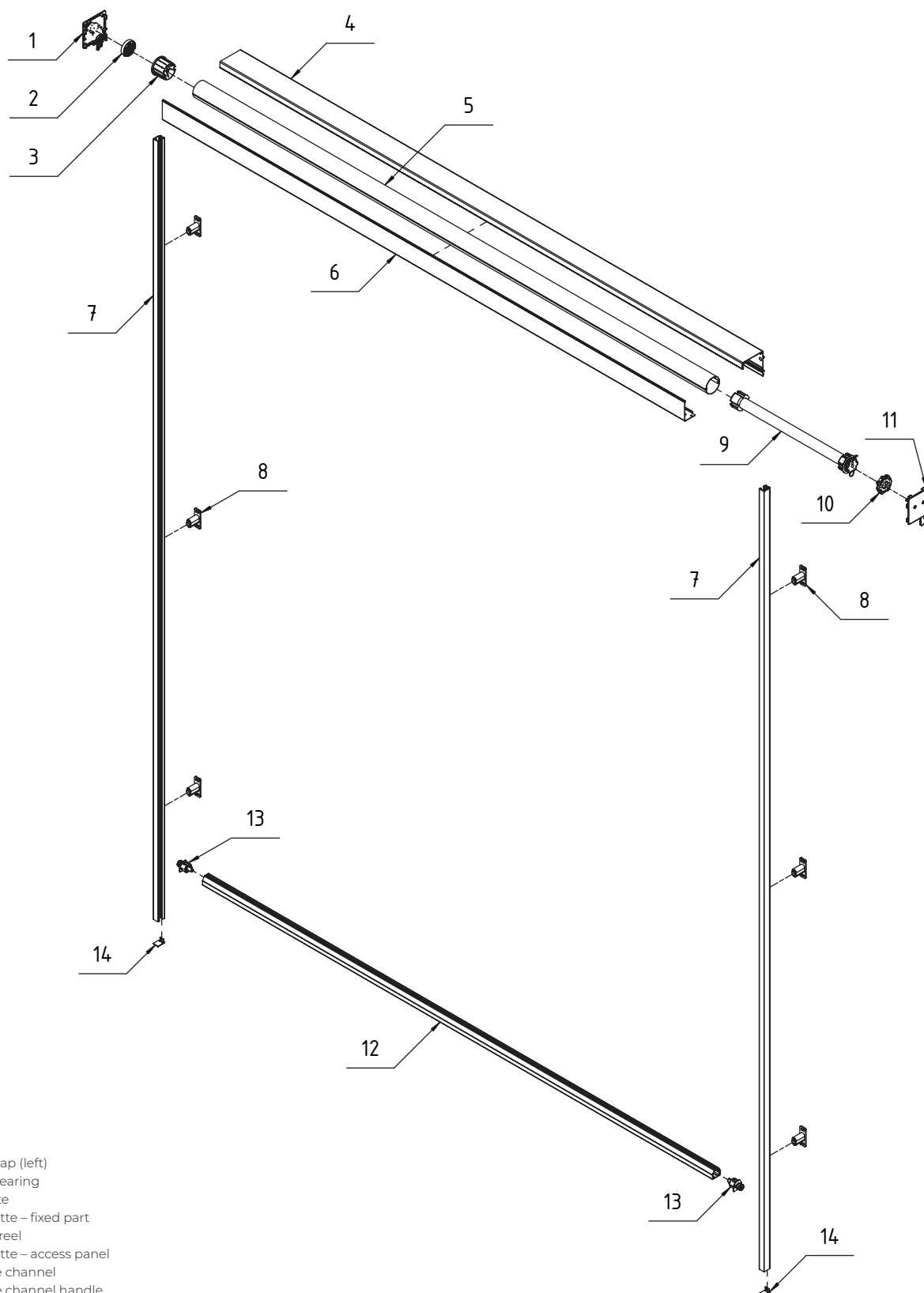
PRODUCT CHARACTERISTICS

- Cassette for external and recessed installation
- In the DZ version, two inspection covers allow for easy access and installation
- Wide range of fabrics

TECHNICAL PARAMETERS

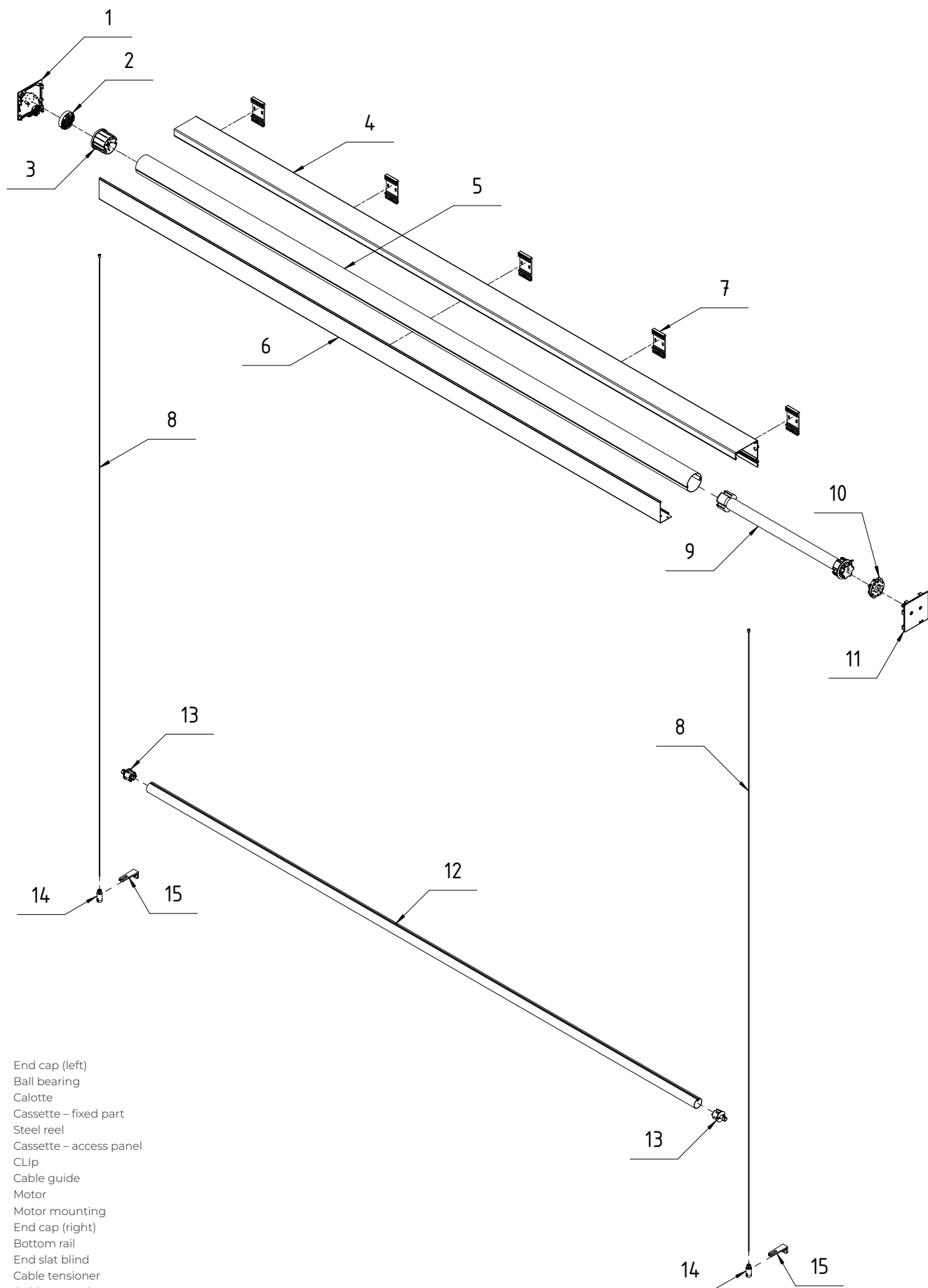
- | | |
|------------------|------------------------|
| · Colour scheme | RAL |
| · Electric drive | YES |
| · Manual drive | NO |
| · Maximum width | 4000 mm (Wire 3500 mm) |
| · Maximum height | 4000 mm (Wire 3000 mm) |

SCREEN R 120
Exploded view



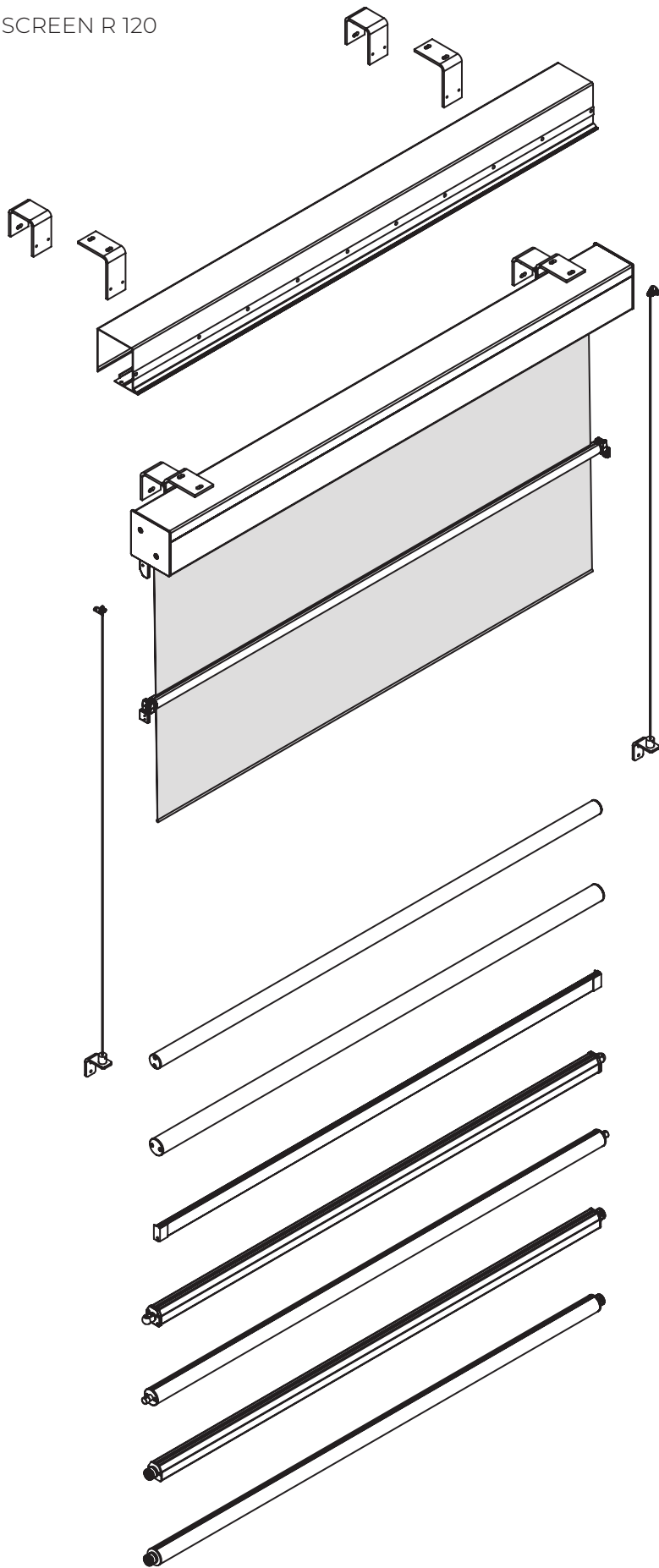
1. End cap (left)
2. Ball bearing
3. Calotte
4. Cassette – fixed part
5. Steel reel
6. Cassette – access panel
7. Guide channel
8. Guide channel handle
9. Motor
10. Motor mounting
11. End cap (right)
12. Bottom rail
13. End slat blind
14. Blind for a guide channel

SCREEN R 120
Exploded view - Wire



1. End cap (left)
2. Ball bearing
3. Calotte
4. Cassette – fixed part
5. Steel reel
6. Cassette – access panel
7. CLip
8. Cable guide
9. Motor
10. Motor mounting
11. End cap (right)
12. Bottom rail
13. End slat blind
14. Cable tensioner
15. Cable mounting

SCREEN R 120



• Cable guide Ø2.5

GC30

Wind protection
profile
PPW

GC30F

Ø42, Ø78

GC30FD

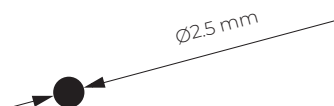
FG120

GC30R

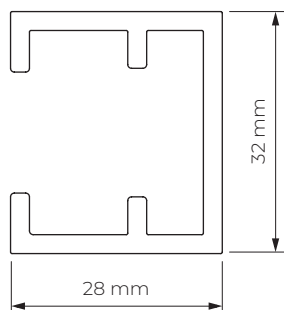
Possible combinations of guides, bottom rails
and variants PPW

		Guide channels				
additional profiles	bottom beams	Cable guide Ø 2,5 mm	GC30	GC30F	GC30FD	GC30R
		Ø42	✓	✓	✓	✓
		FG120	✓	✓	✓	✓
		PPW	✓	✓	✓	✓

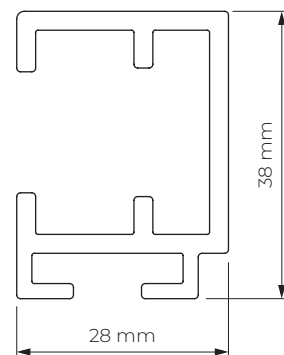
SCREEN R 120
Cable guide Ø2.5mm



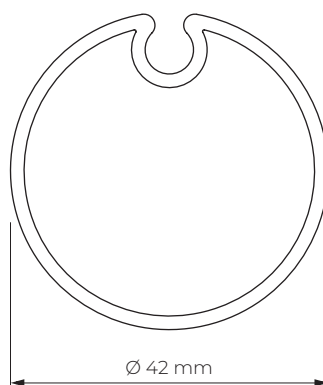
SCREEN R 120
Guide channel GC 30



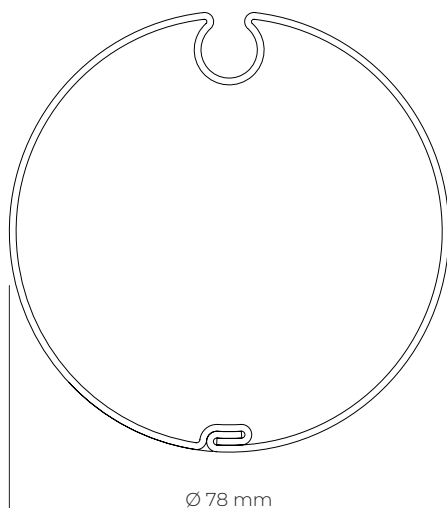
SCREEN R 120
Guide channel GC 30F



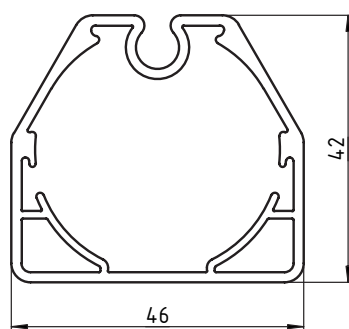
SCREEN R 120
Bottom rail Ø 42



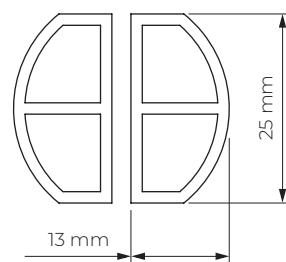
SCREEN R 120
Galvanised roller tube



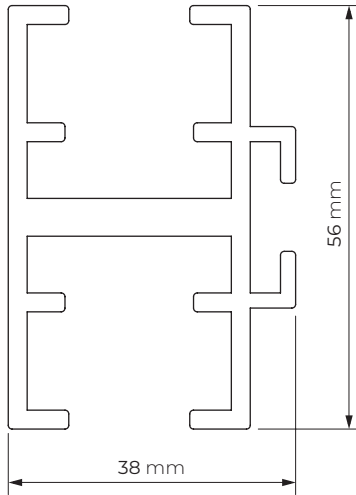
SCREEN R 120
Bottom rail FG 120



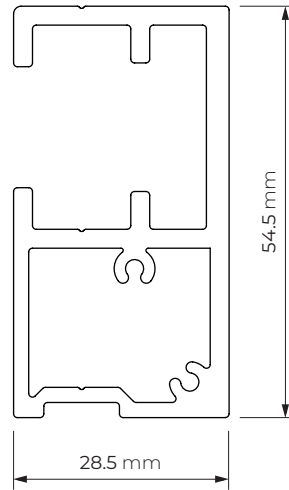
SCREEN R 120
Additional profile
Wind protection profile ANTYWIND



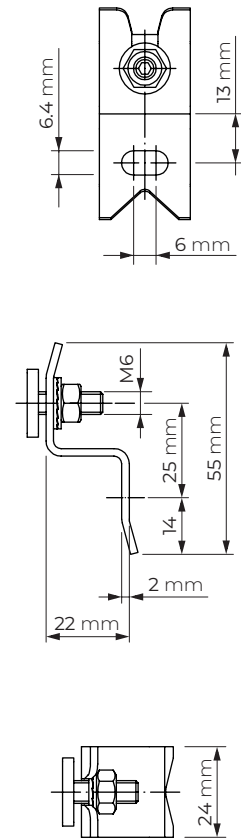
SCREEN R 120
Guide channel GC 30FD



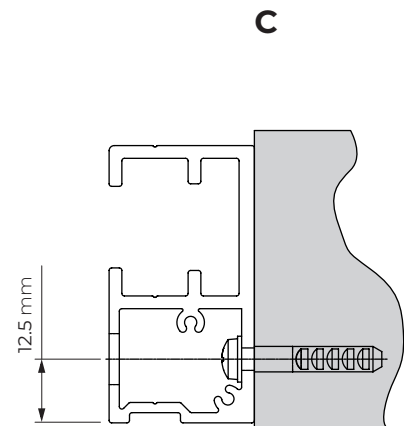
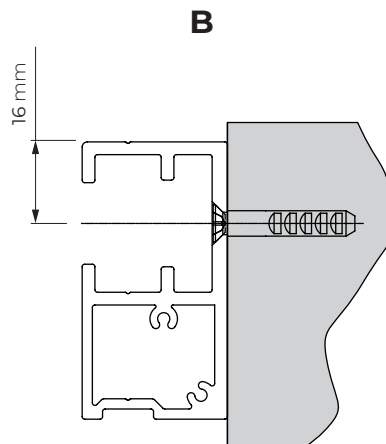
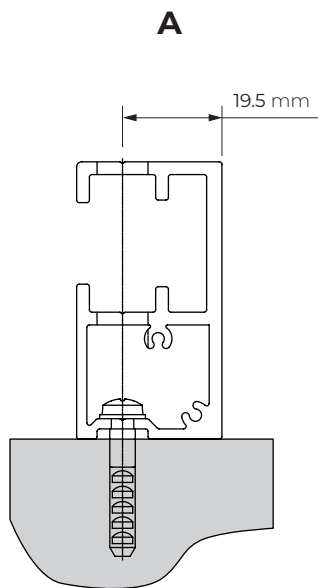
SCREEN R 120
Guide channel GC 30R



SCREEN R 120
Guide channel handle 22 mm

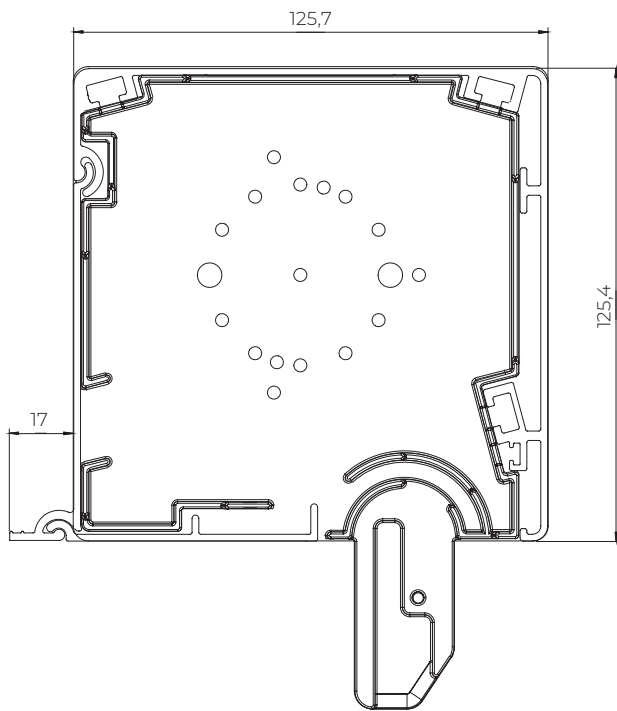


SCREEN R 120
Guide rail installation methods GC 30R



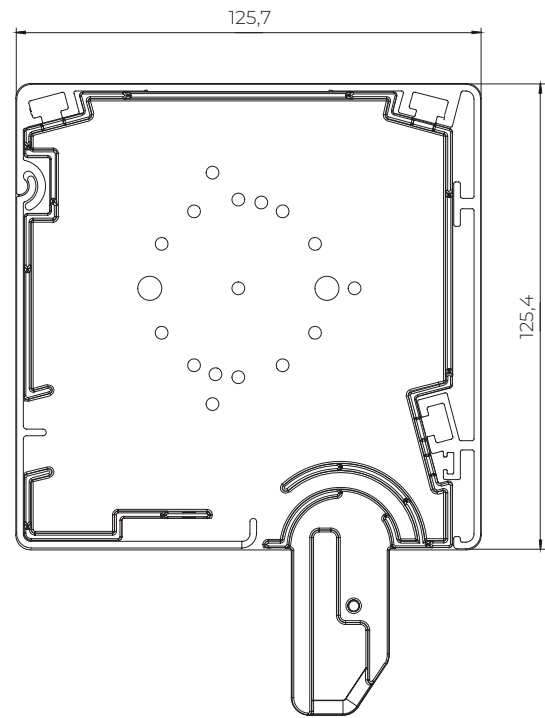
SCREEN R 120

Flush-mounted version
(Self-supporting system)



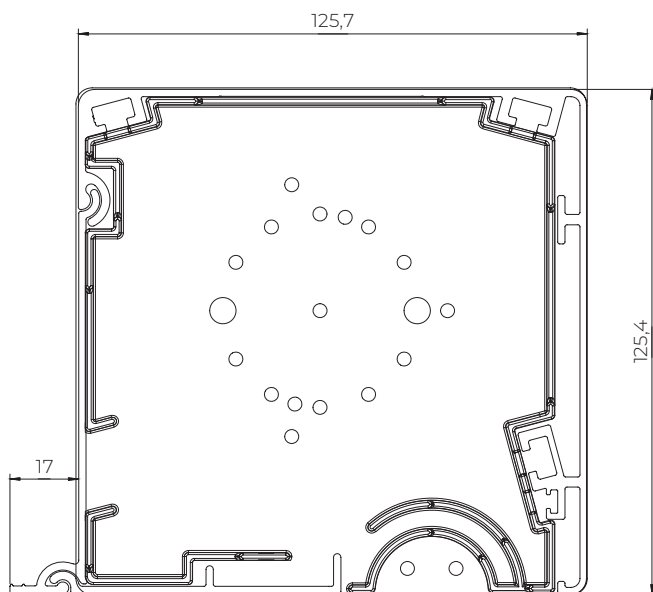
SCREEN R 120

Smooth cassette



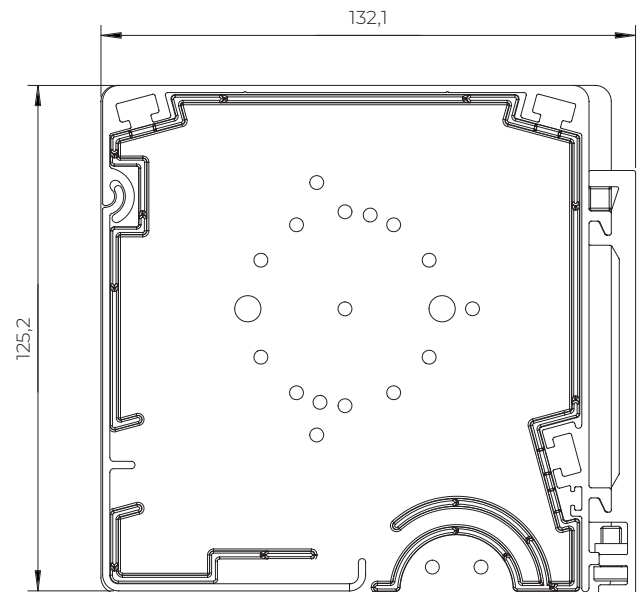
SCREEN R 120 (DZ)

For cable guides or non-self-supporting



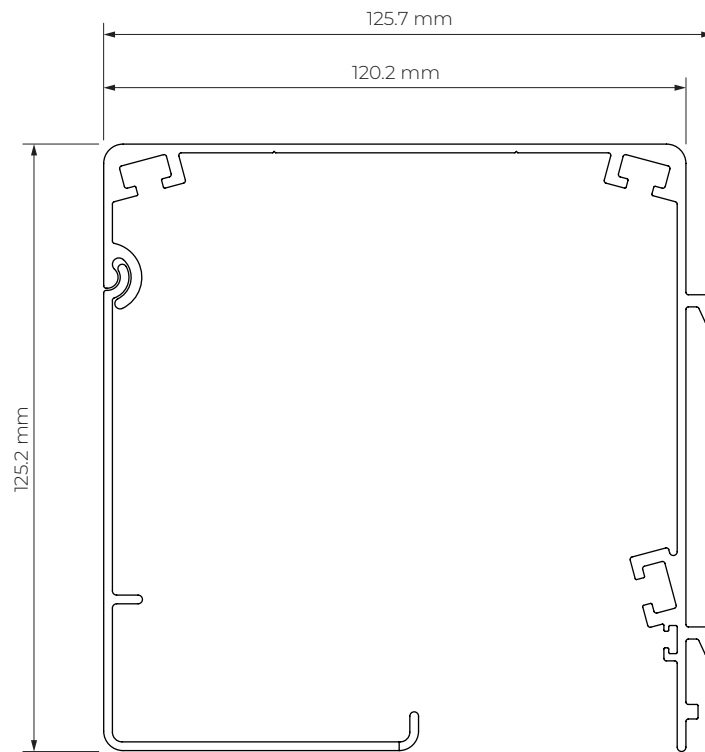
SCREEN R 120

For cable guides or non-self-supporting



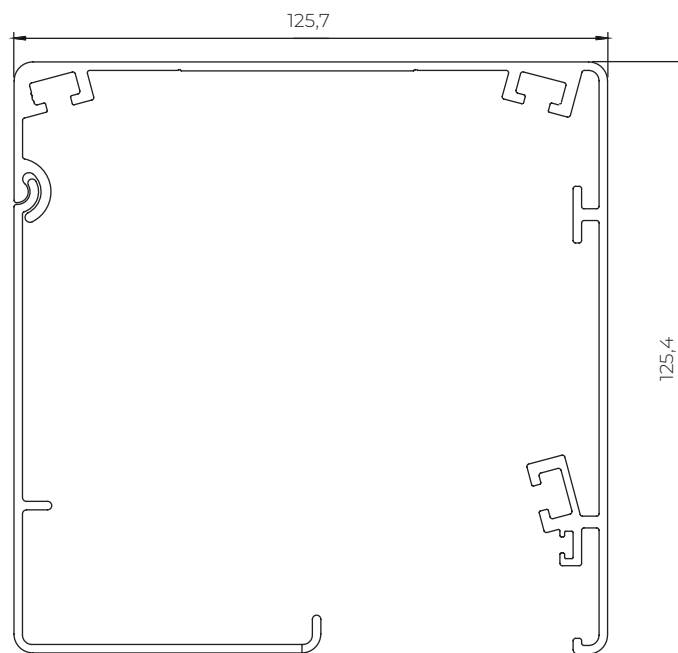
SCREEN R 120

Cross-section of a cassette mounted with a clip

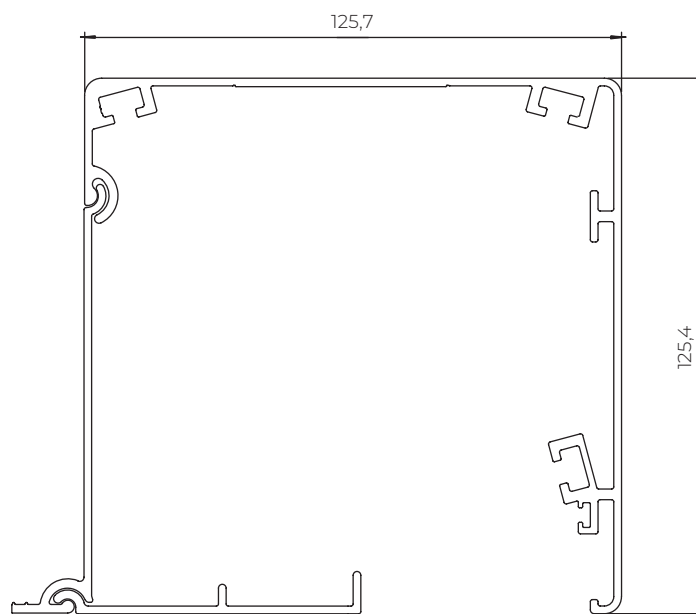


SCREEN R 120

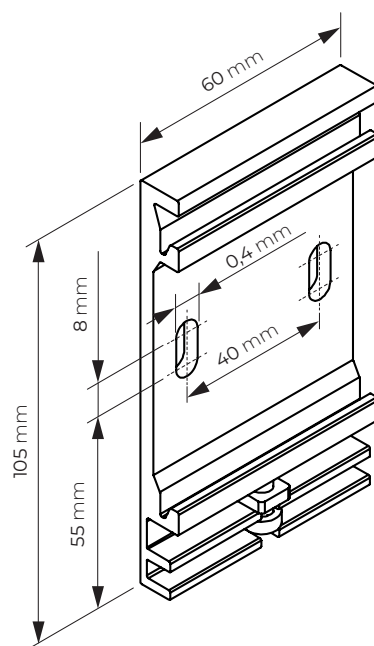
Smooth cassette



SCREEN R 120 (DZ)
Smooth extruded cassette

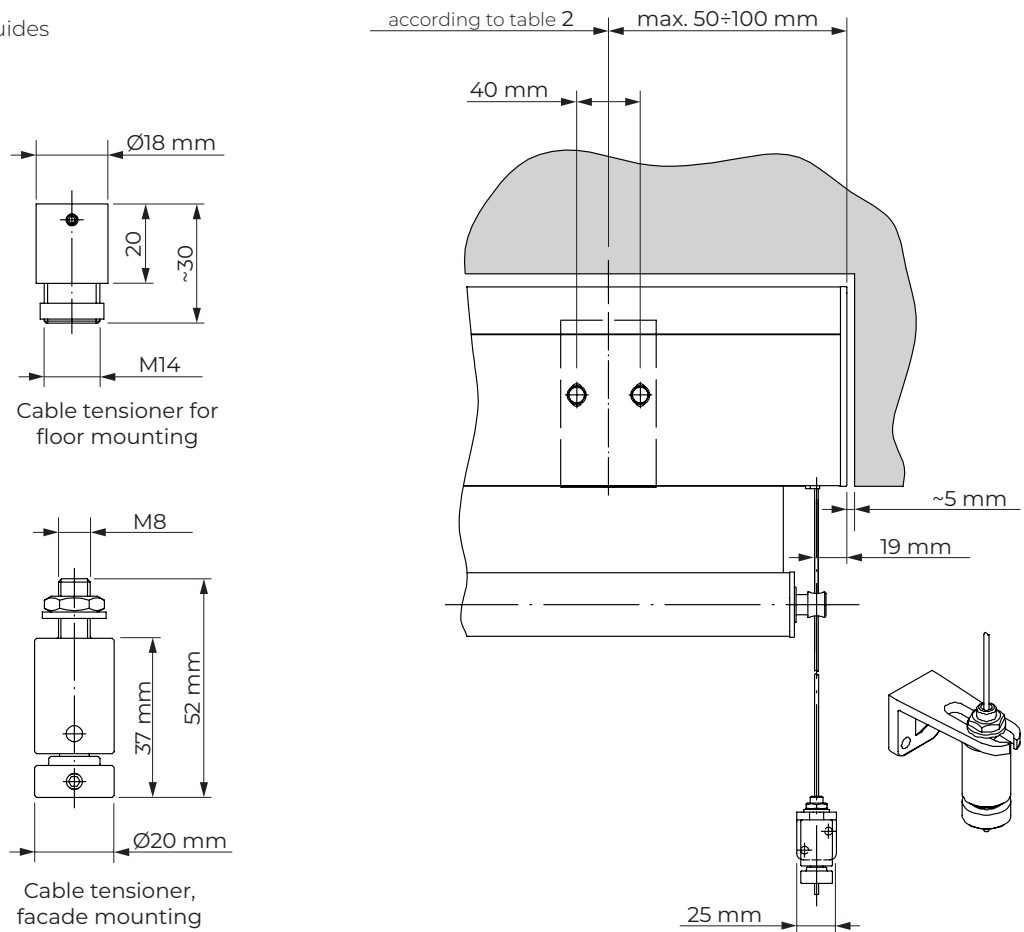


SCREEN R 120
Mounting clip



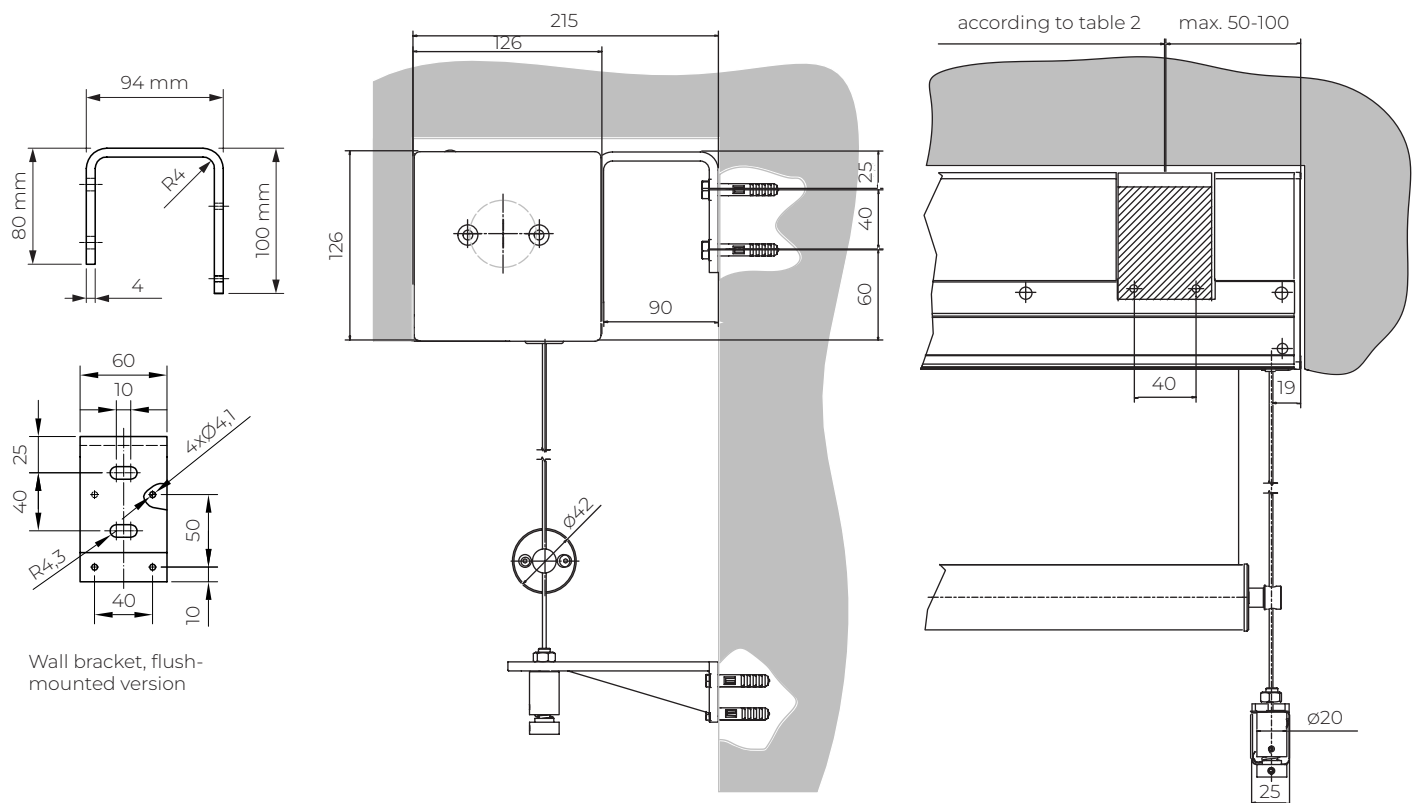
SCREEN R 120

Facade mounting, cable guides



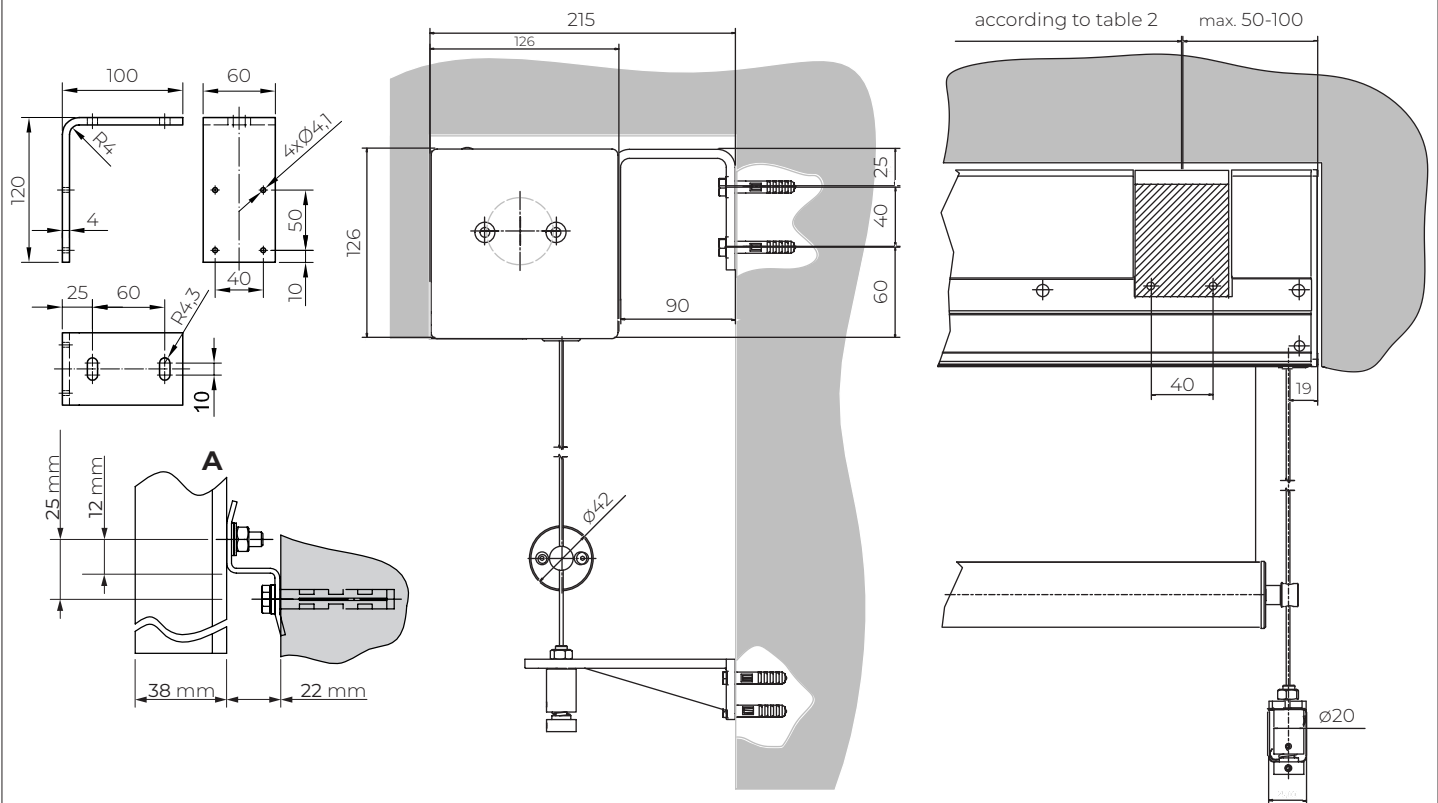
SCREEN R 120

Flush-mounted wall bracket, with cables



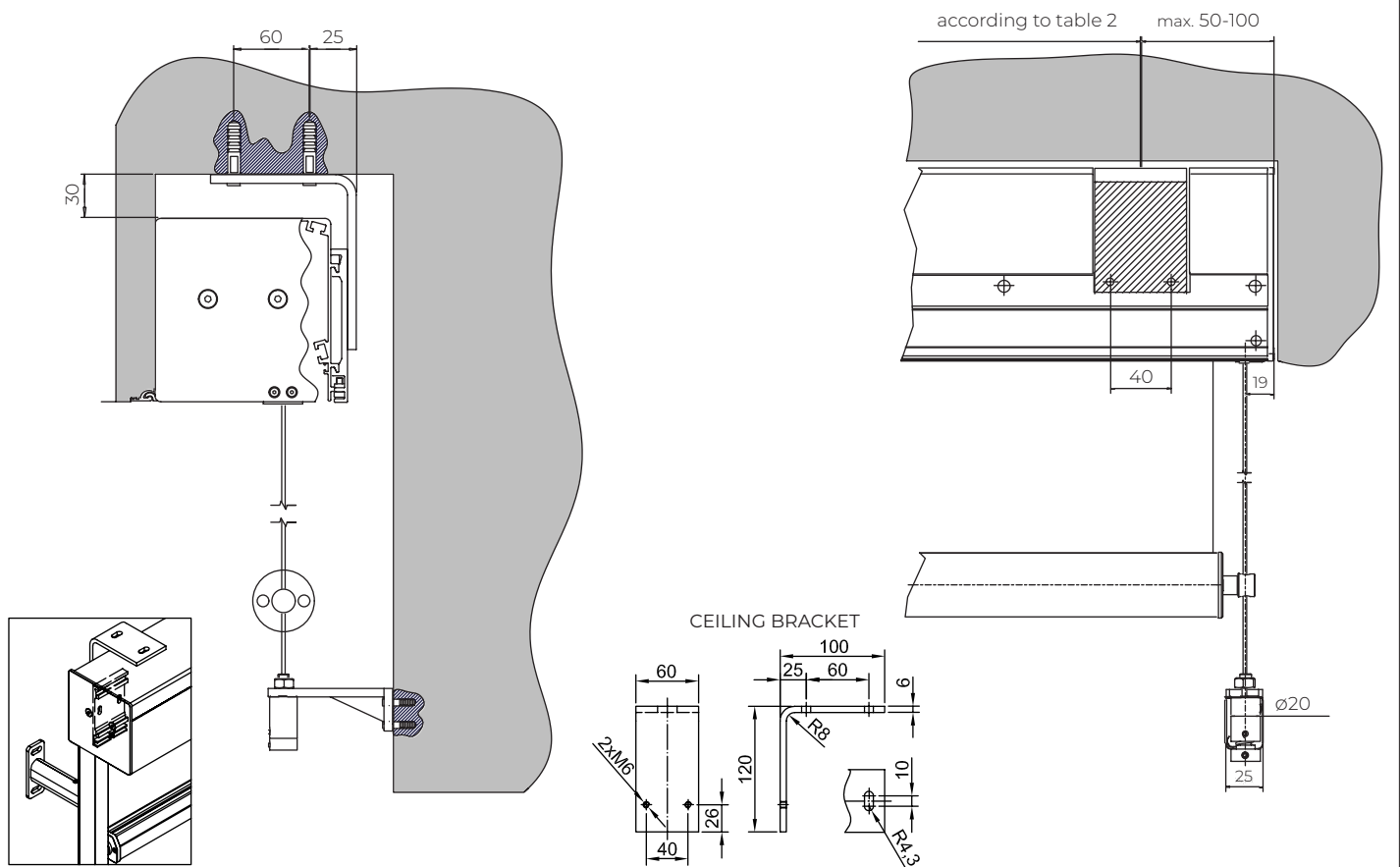
SCREEN R 120

Flush-mounted ceiling bracket, with cables



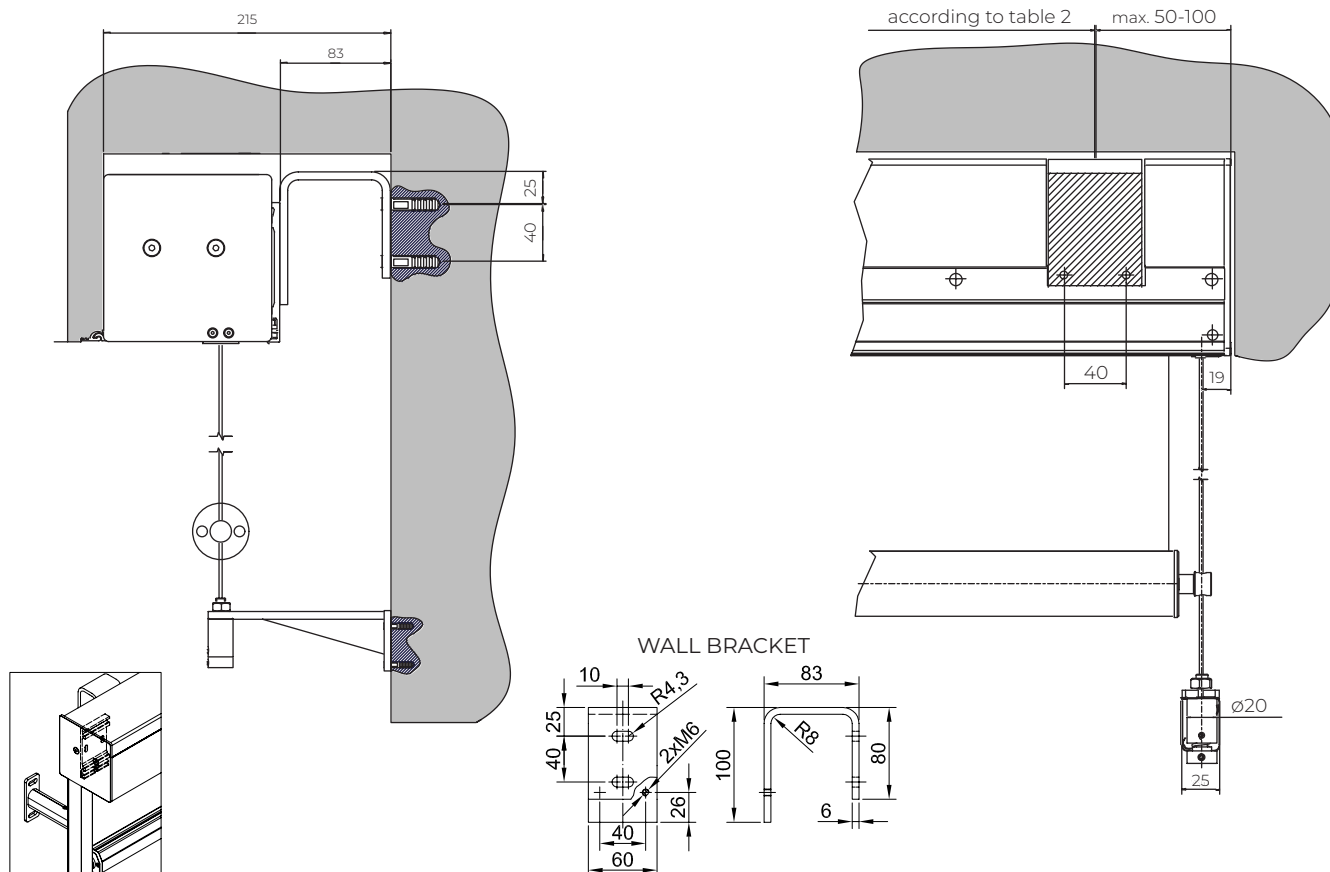
SCREEN R 120

Ceiling bracket, Cable guides



SCREEN R 120

Wall bracket, cable guides



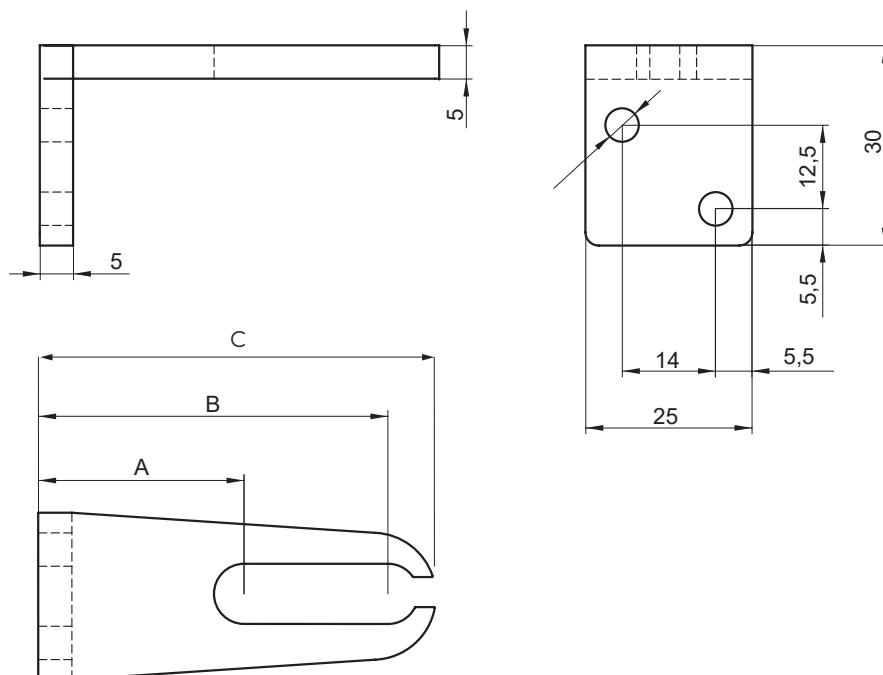
SCREEN R 120

Ceiling bracket,
Guide channels GC 30F

Cable mounting brackets available in sizes:

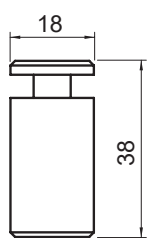
A	B	C
15 mm*	36 mm*	46 mm
29 mm	50 mm	60 mm
55 mm	76 mm	86 mm
83 mm	104 mm	114 mm
111 mm*	132 mm*	142 mm
139 mm*	160 mm*	170 mm

* made to order, longer lead times.

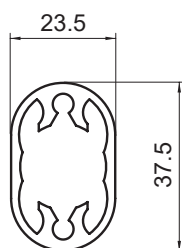


SCREEN R 120

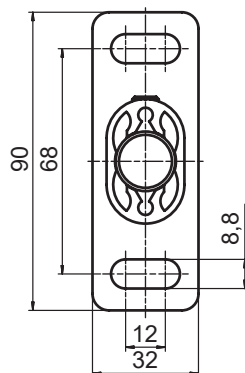
Veranda-type guide handle



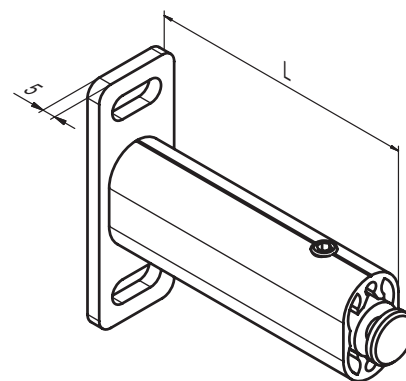
PIN



EXTRUDER



STOPPER

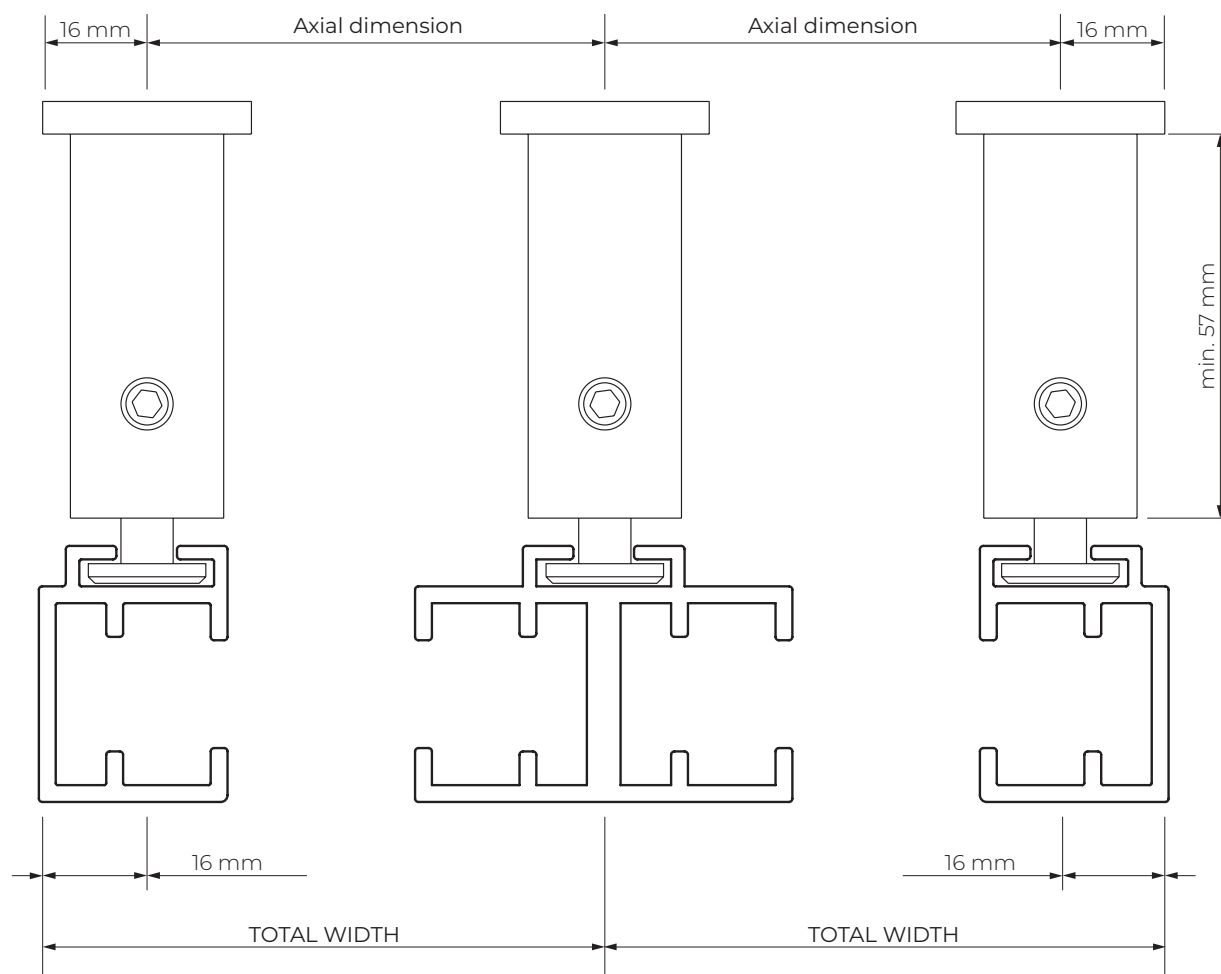


GRIP

The length "L" is selected individually depending on installation conditions or the client's specifications
L min. = 57mm, L max. = 180mm

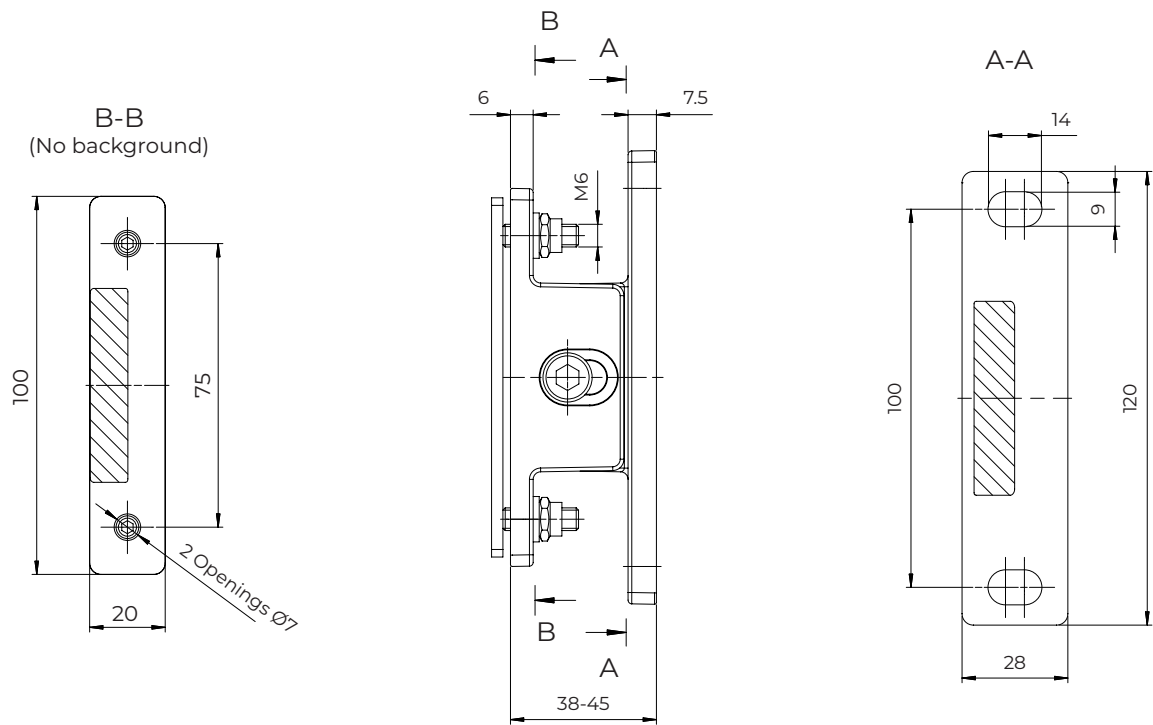
SCREEN R 120

Group installation, measurement method



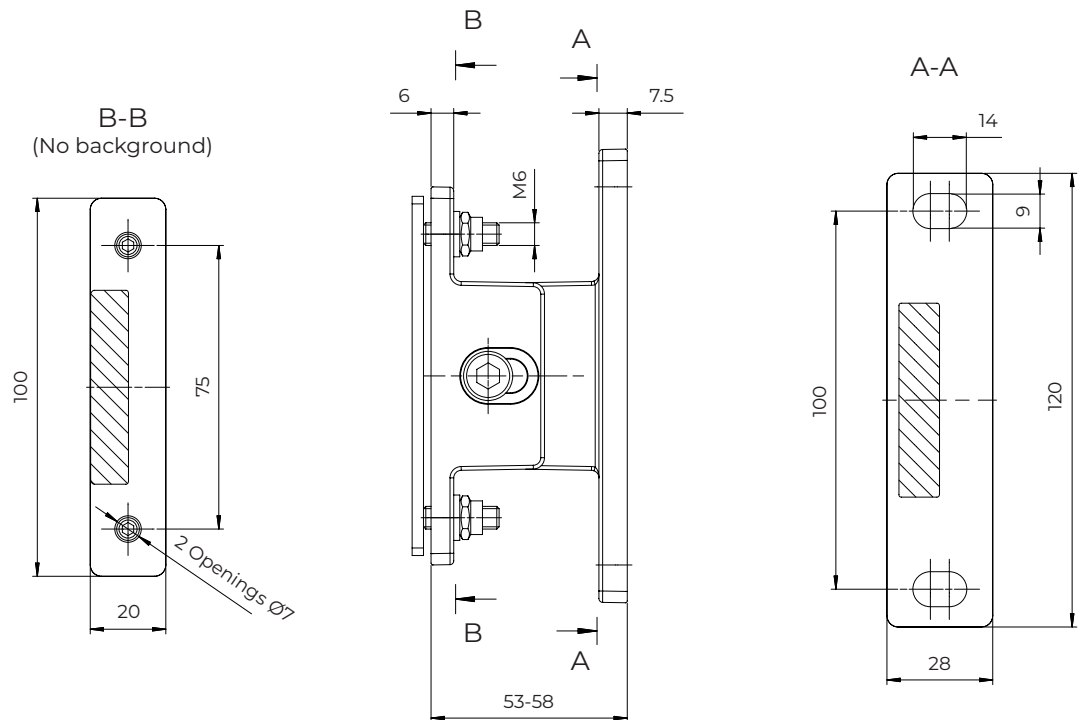
SCREEN R 120

Self-supporting adjustable handle TYPE 38-45



SCREEN R 120

Self-supporting adjustable handle TYPE 53-59



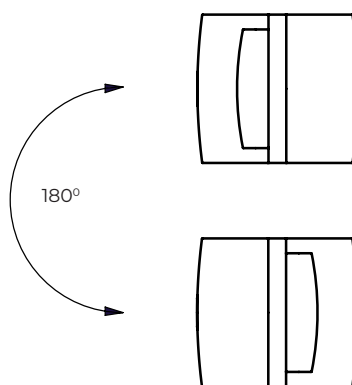
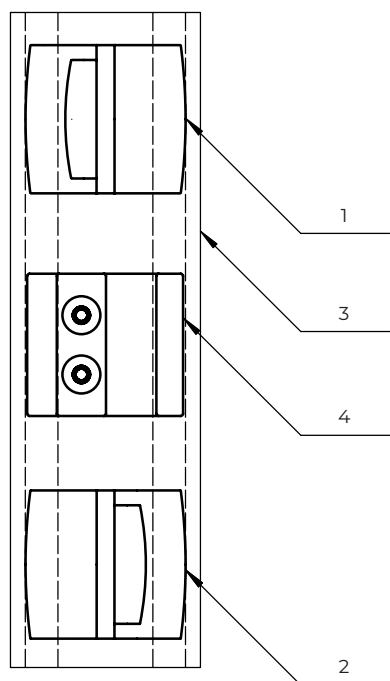
SCREEN R 120

Installation method for the ANTYWIND double beam

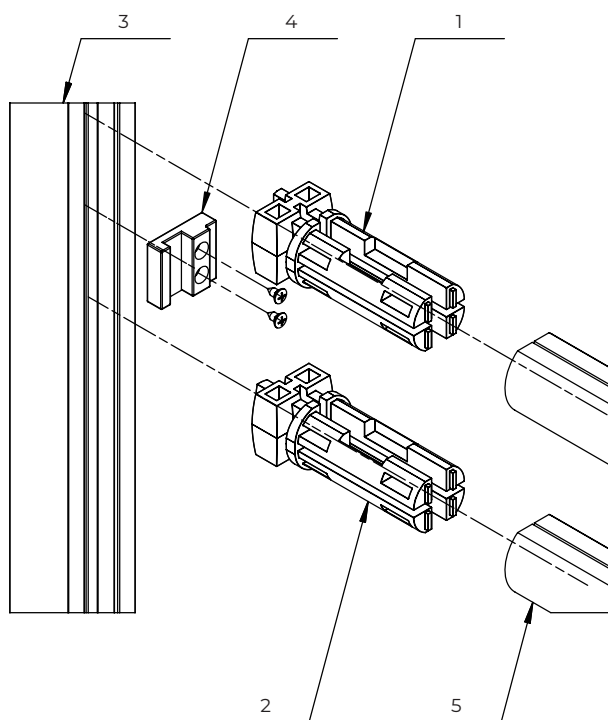
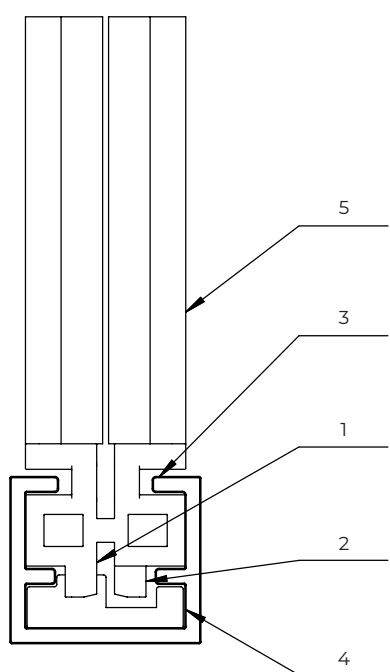
Installation of the double ANTYWIND beam involves rotating the sliders 180° relative to each other in the GC30 guide, allowing the lower wind-resistant beam to bypass the ANTYWIND lock

GC30 and GC30F or GC30FD guides (self-supporting system) with a lower beam Ø42 and optional wind brace (for a maximum width of 300 cm).

Number of wind brace sets: up to 250 cm height – 1 set of braces, over 250 cm height – 2 sets of braces.



1. Anti-wind bar slider for GC30 (top)
2. Anti-wind bar slider for GC30 (lower)
3. Guide channel GC30
4. Anti-lift lock
5. Wind brace



SCREEN MR 120, MR 120DZ

SCREEN MR 120, MR 120DZ

Vertical awning, box made of extruded aluminium

APPLICATION

• External installation	YES
• Internal installation	NO

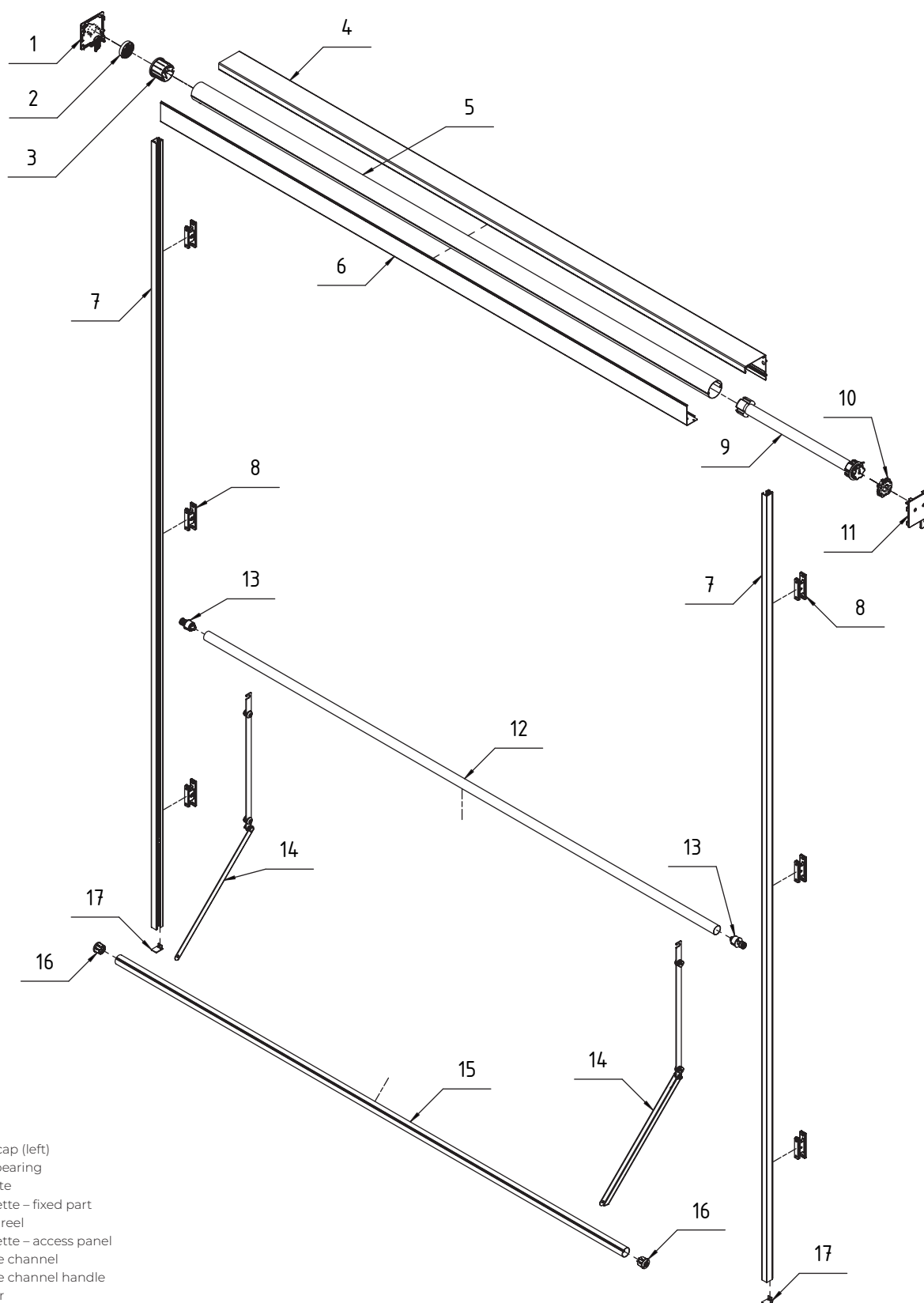
PRODUCT CHARACTERISTICS

- Cassette for external and recessed installation
- In the DZ version, two inspection covers allow for easy access and installation
- Arms made of steel
- Wide range of fabrics

TECHNICAL PARAMETERS

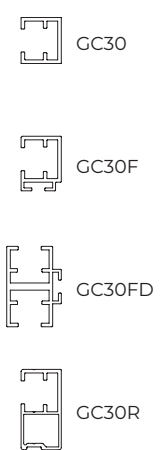
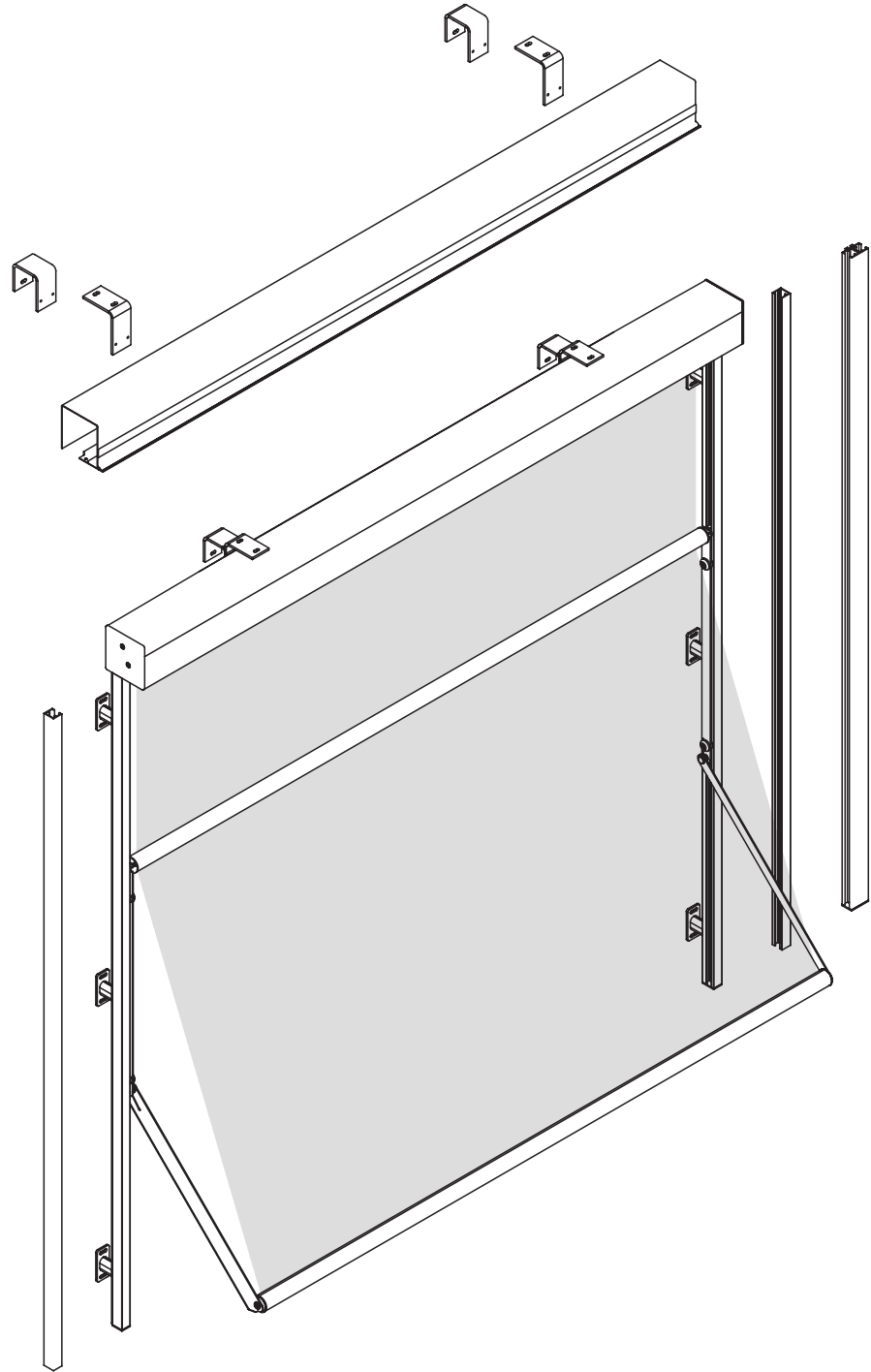
• Colour scheme	RAL
• Electric drive	YES
• Manual drive	NO
• Maximum width	3500 mm
• Maximum height	4000 mm

Exploded view



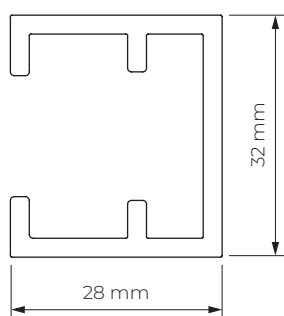
1. End cap (left)
2. Ball bearing
3. Calotte
4. Cassette – fixed part
5. Steel reel
6. Cassette – access panel
7. Guide channel
8. Guide channel handle
9. Motor
10. Motor mounting
11. End cap (right)
12. Top beam
13. Top rail end cap
14. Arm
15. Bottom rail
16. End slat blind
17. Blind for a guide channel

SCREEN MR 120

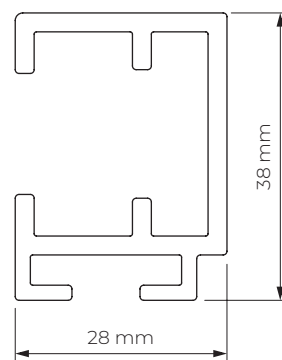


	Guide channels			
	GC30	GC30F	GC30FD	GC30R
bottom beams				
Ø42	✓	✓	✓	✓
Profiles				
FD40	✓	✓	✓	✓

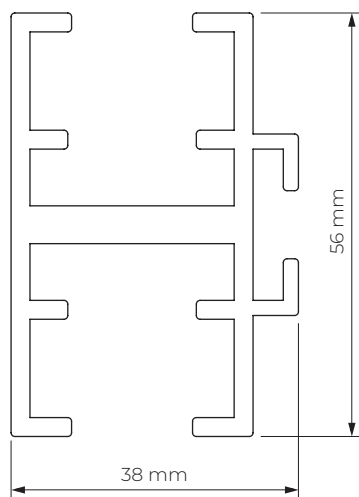
SCREEN MR 120
Guide channel GC30



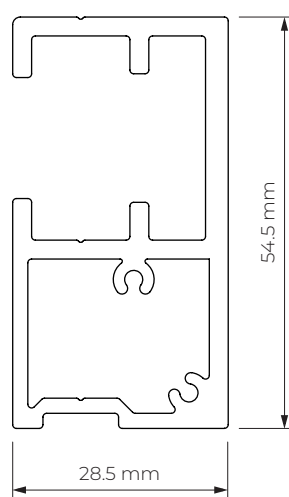
SCREEN MR 120
Guide channel GC30F



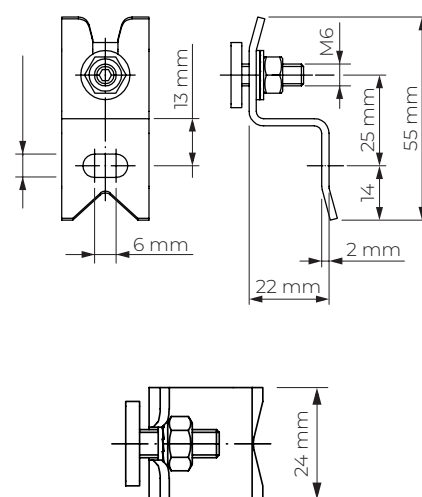
SCREEN MR 120
Guide channel GC30FD



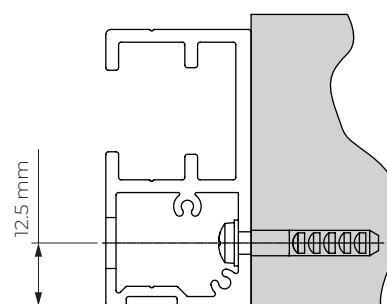
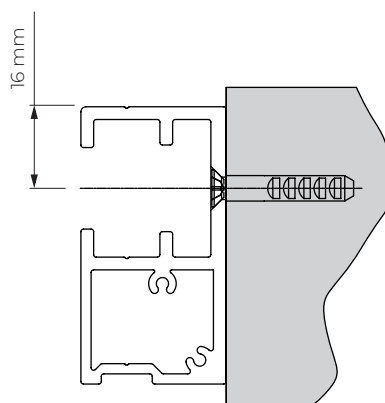
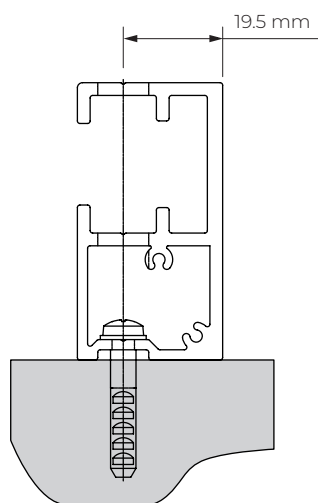
SCREEN MR 120
Guide channel GC30R



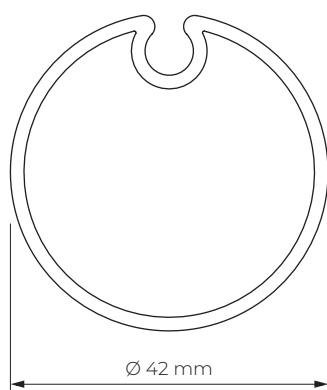
SCREEN MR 120
Guide channel handle GC30F



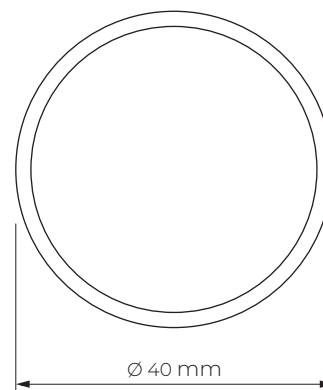
SCREEN MR 120
Guide rail installation methods GC30R



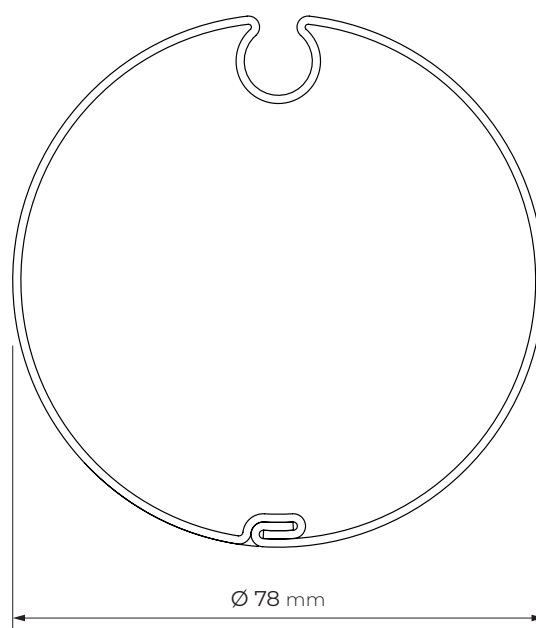
SCREEN MR 120
Bottom rail FD42



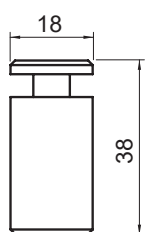
SCREEN MR 120
Top beam FD40



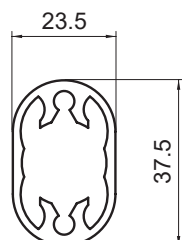
SCREEN MR 120
Galvanised roller tube



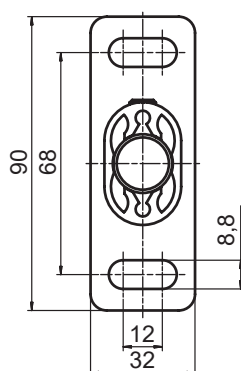
SCREEN MR 120
Veranda bracket for GC30F or FD guide



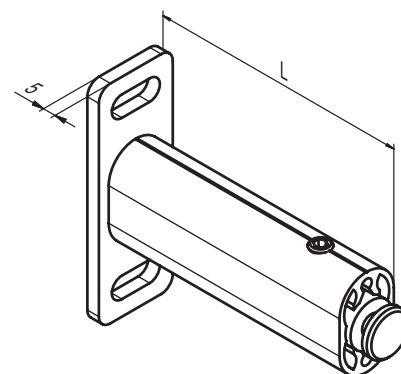
PIN



EXTRUDER



STOPPER

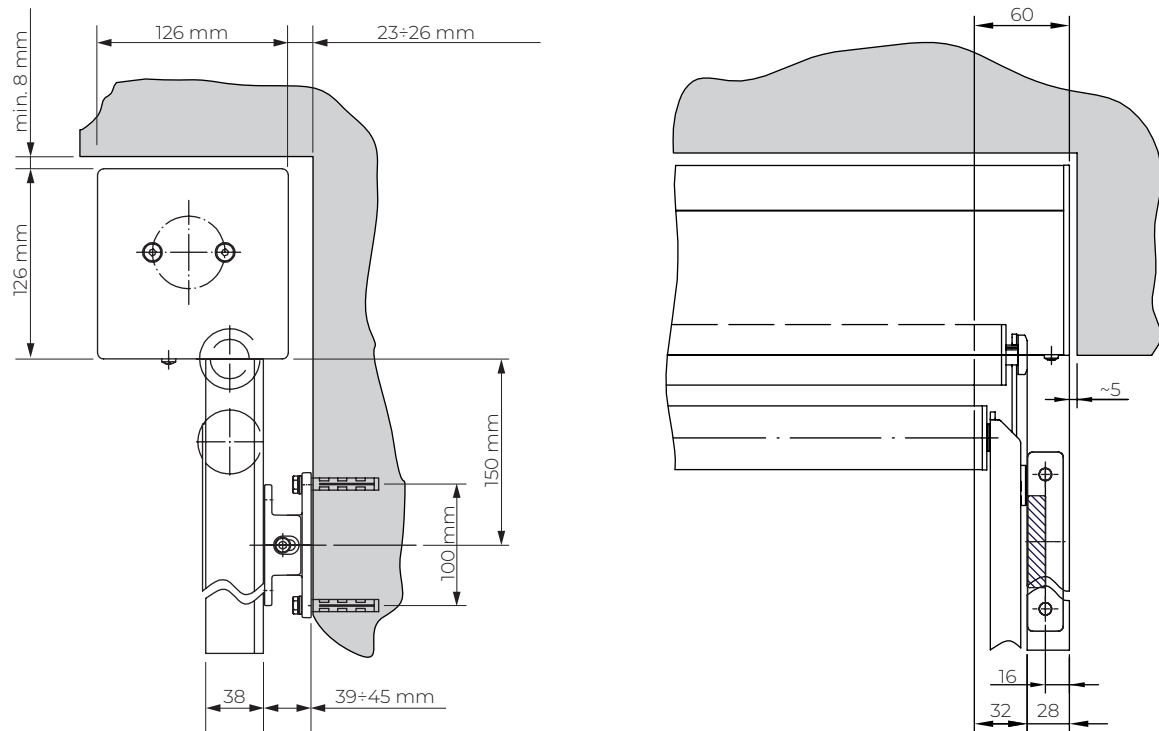


GRIP

The length "L" is selected individually depending on installation conditions or the client's specifications
L min. = 57mm, L max. = 180mm

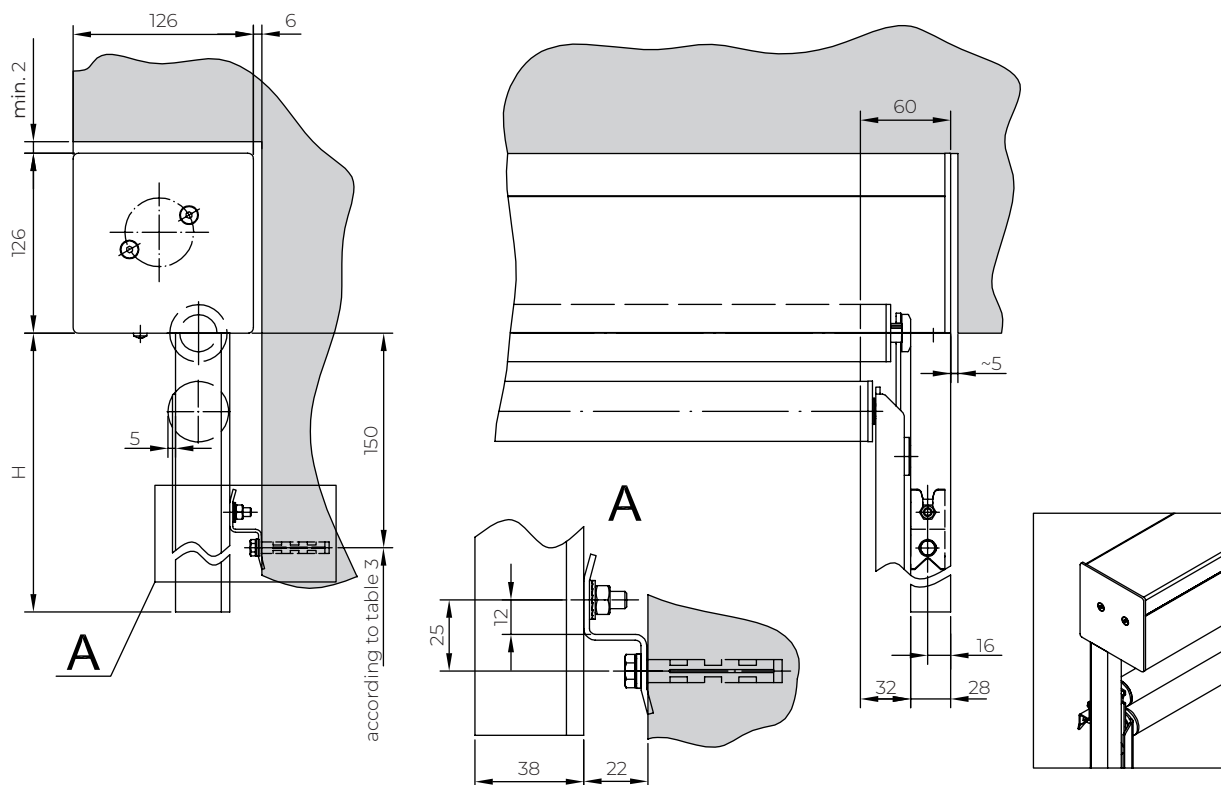
SCREEN MR 120

Markizoleta 120 – self-supporting version



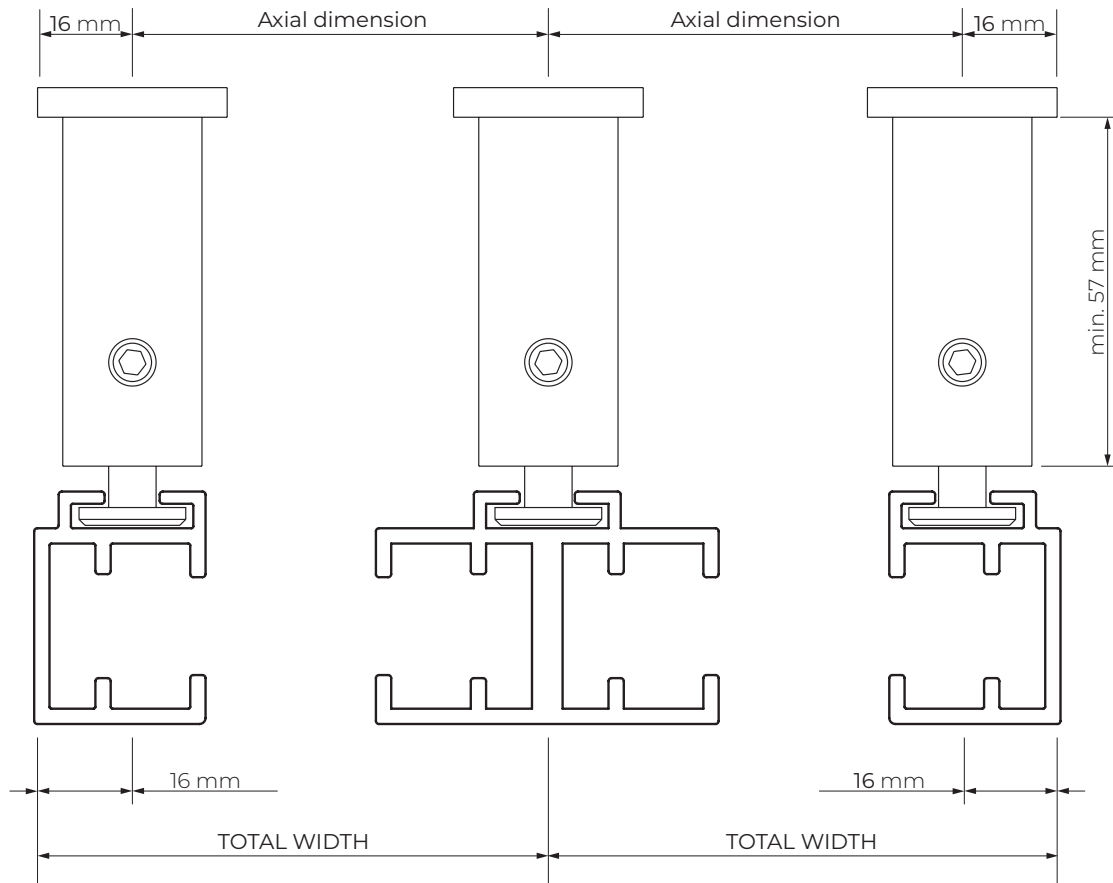
SCREEN MR 120

Markizoleta 120 – self-supporting version
grip 22mm



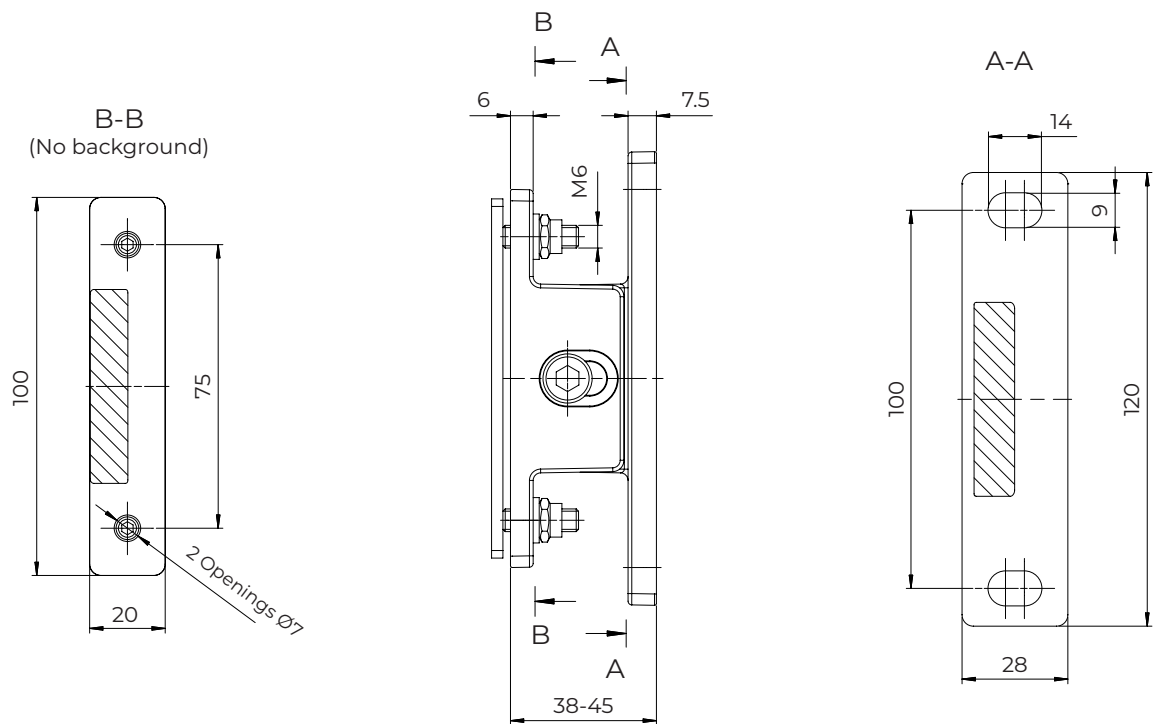
SCREEN MR 120

Group installation, measurement method



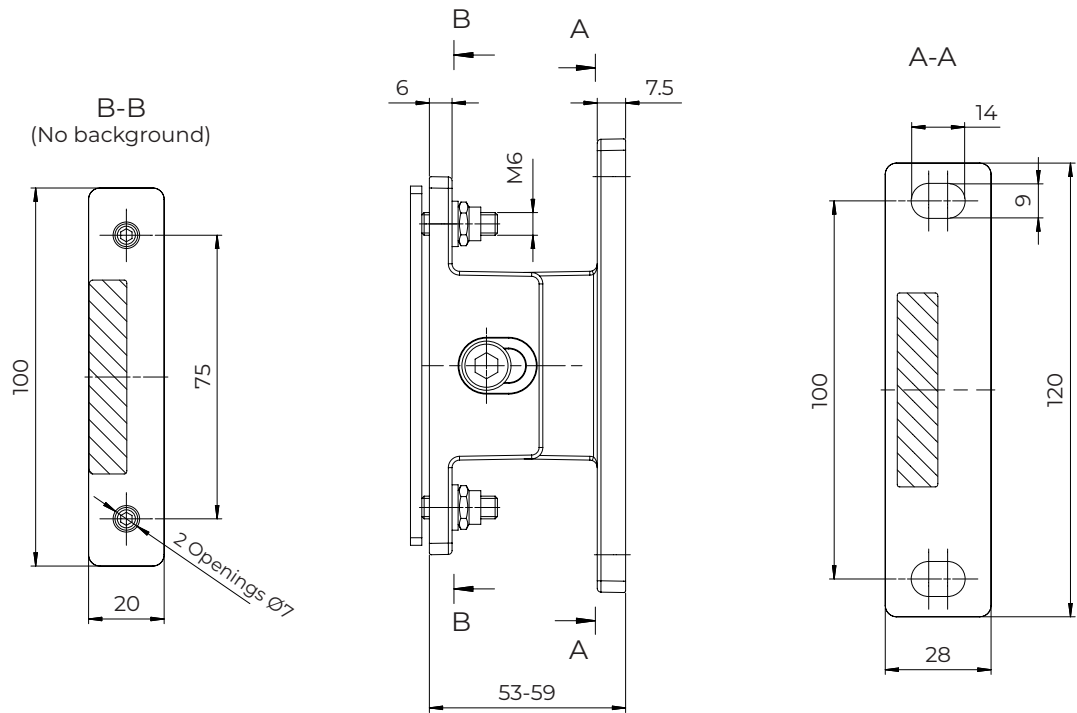
SCREEN MR 120

Self-supporting adjustable handle TYPE 38-45



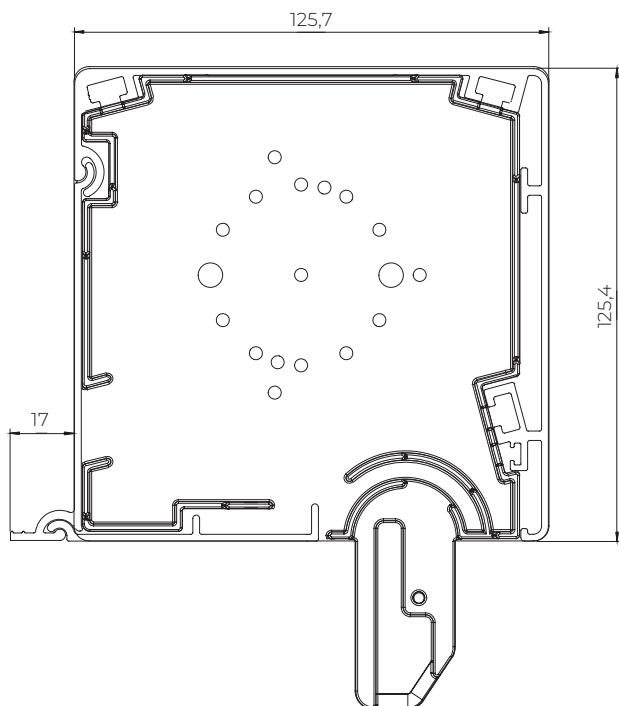
SCREEN MR 120

Self-supporting adjustable handle TYPE 53-59



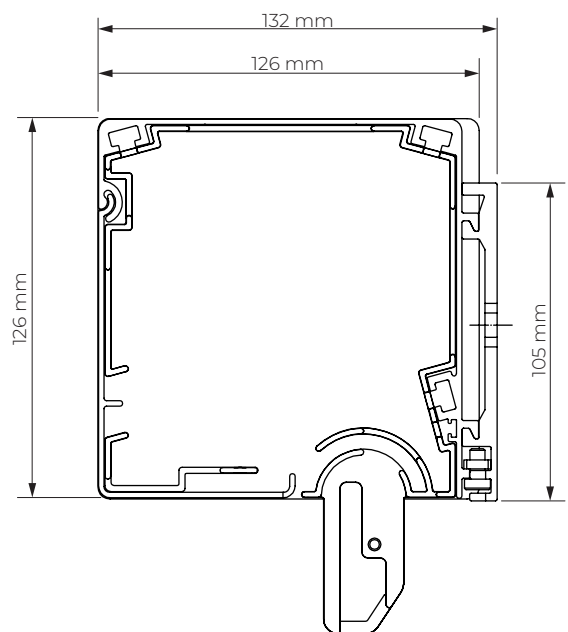
SCREEN MR 120

Flush-mounted version

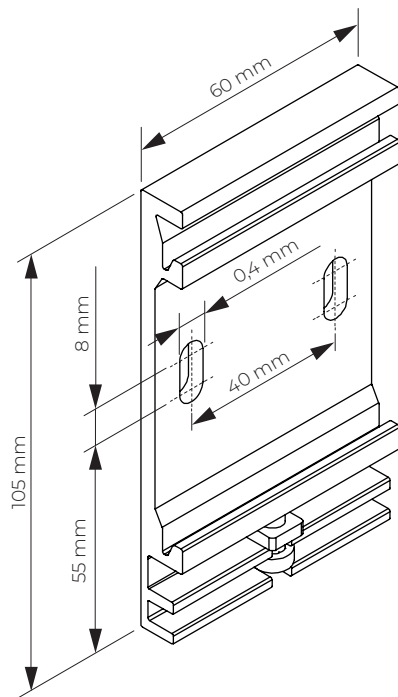


SCREEN MR 120

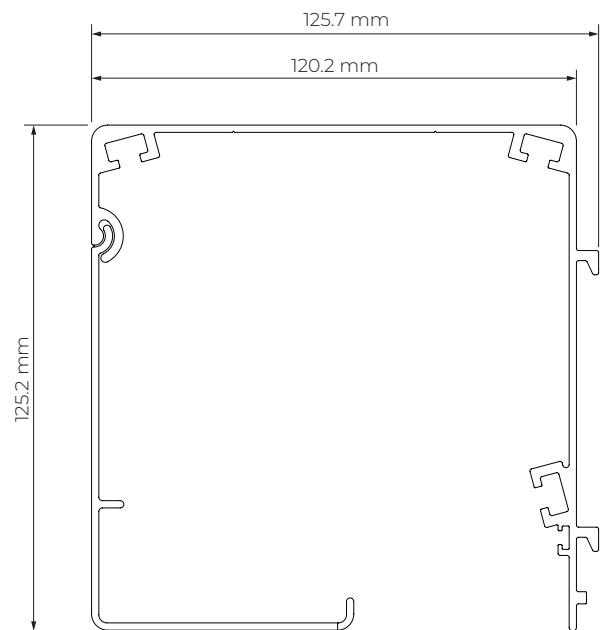
Markizoleta 120 cassette with mounting clip



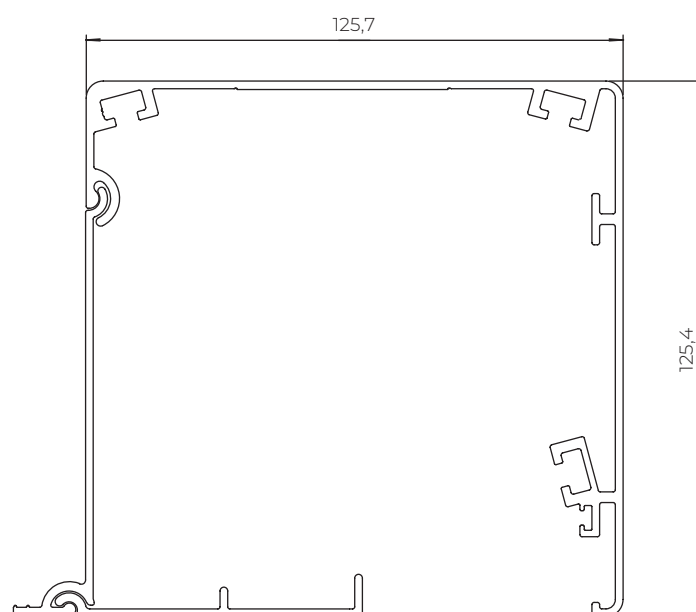
SCREEN MR 120
Mounting clip



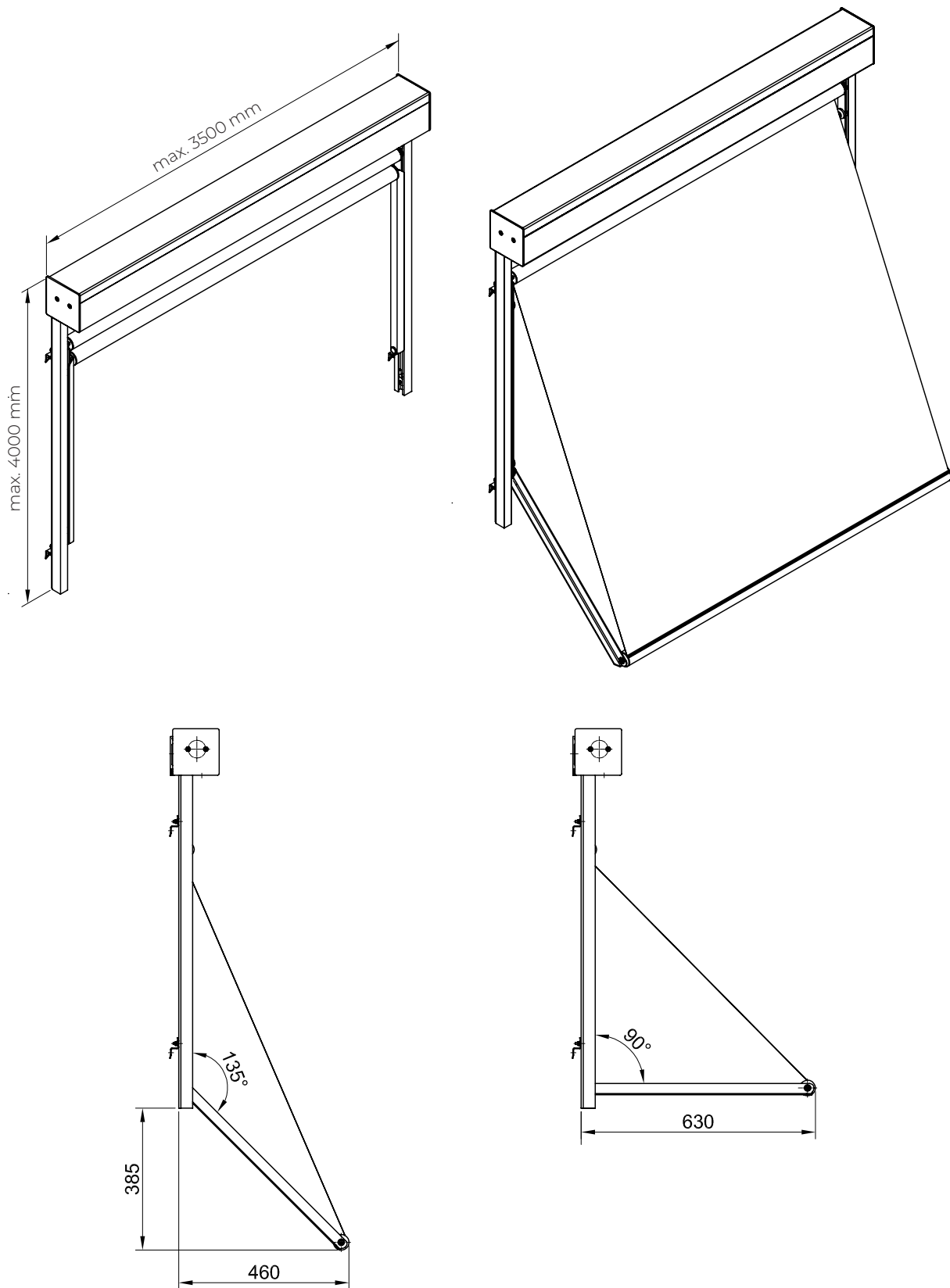
SCREEN MR 120
Cross-section of the cassette



SCREEN MR 120 (DZ)
Smooth extruded cassette



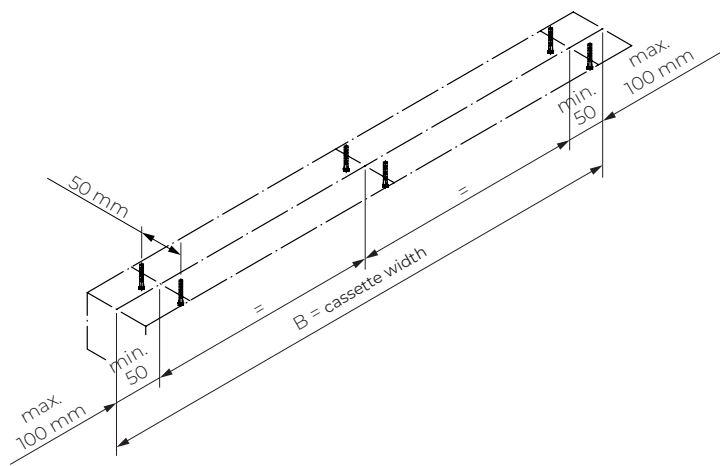
SCREEN MR 120
Arm tilt angle



SCREEN MR 120

Cassette mounting directly to the ceiling – spacing of dowels

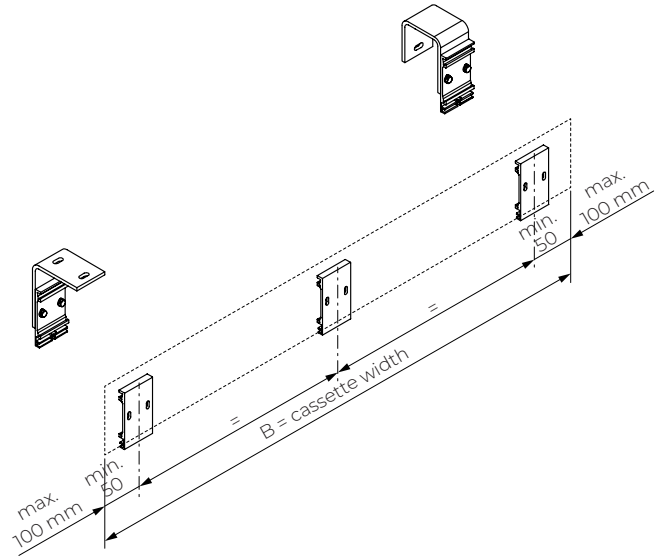
cassette width [mm]	Number of mounting pairs
800-1500	2
1501-2000	3
2001-3000	4
3001-4000	5



SCREEN MR 120

Cassette mounting – spacing of clip fixings

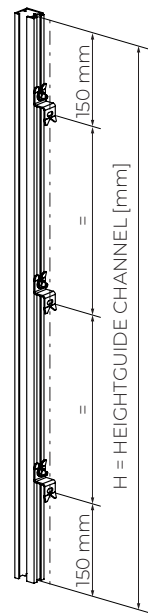
cassette width [mm]	Number of fixings
800-1500	2
1501-2000	3
2001-3000	4
3001-4000	5



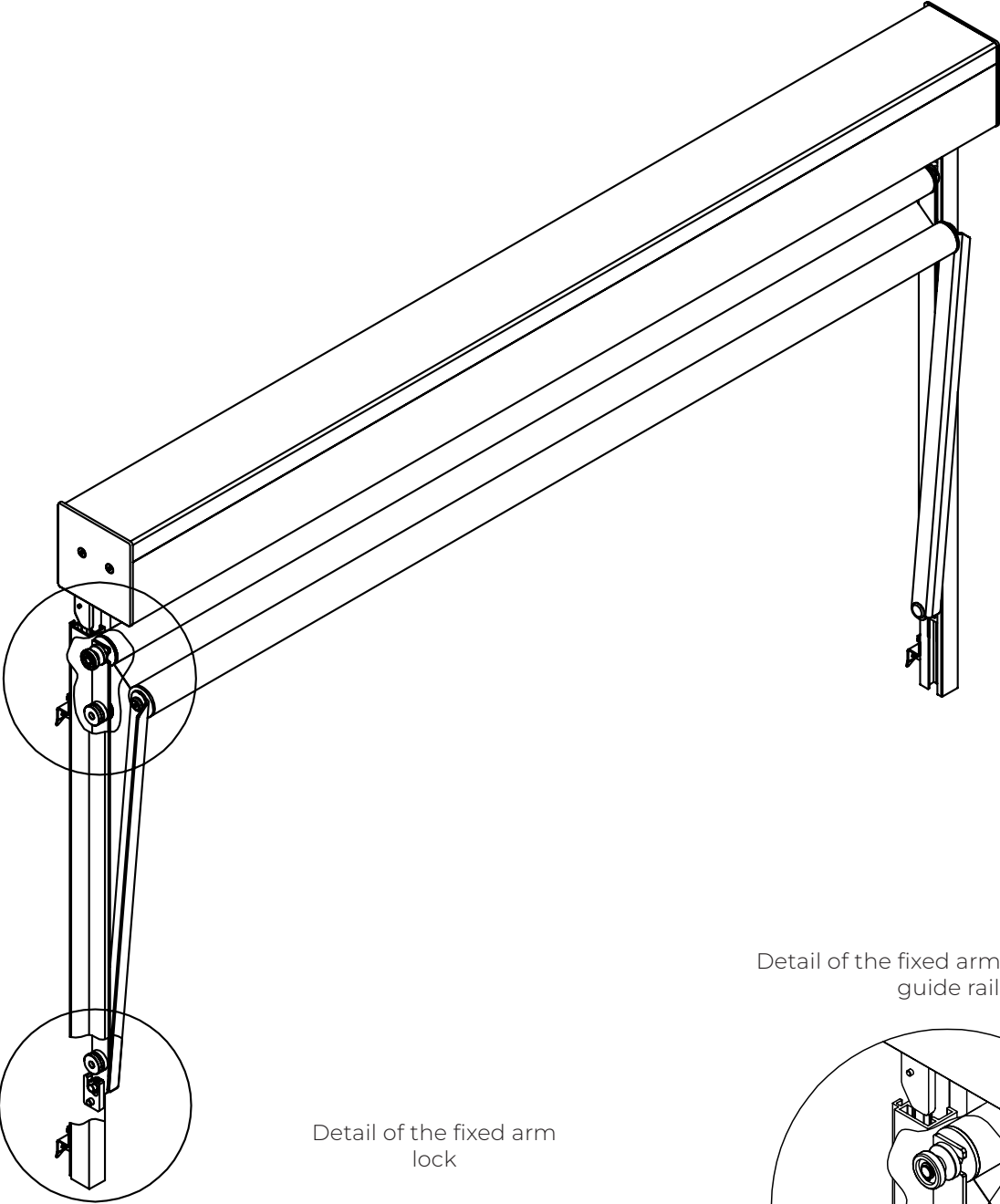
SCREEN MR 120

Guide channel handles GC30F / GC30FD

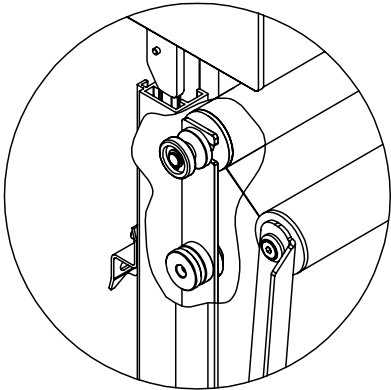
HEIGHTGUIDE CHANNEL [mm]	Number of fixings
800-1500	2
1501-2000	3
2001-3000	4
3001-4000	5



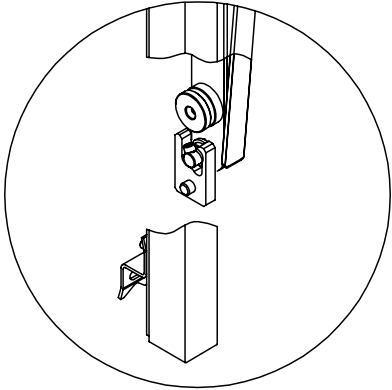
SCREEN MR 120



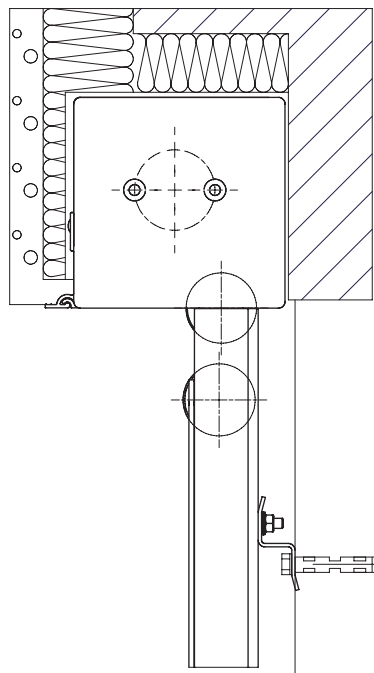
Detail of the fixed arm guide in the guide rail



Detail of the fixed arm lock



SCREEN MR 120
Flush-mounted installation



SCREEN R 103

SCREEN R 103

Vertical awning, box made of extruded aluminium

APPLICATION

- | | |
|-------------------------|-----|
| · External installation | YES |
| · Internal installation | YES |

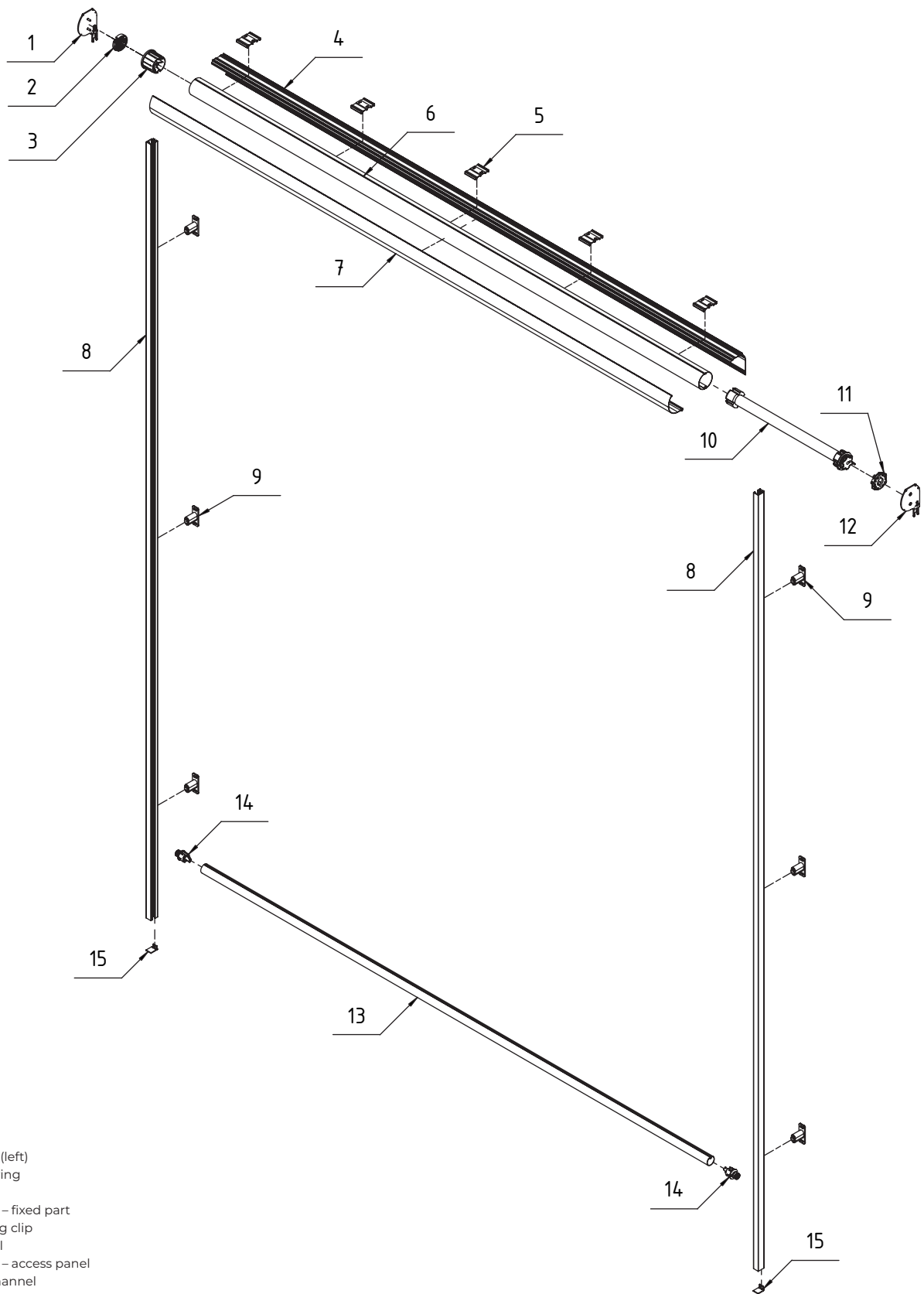
PRODUCT CHARACTERISTICS

- Wide range of fabrics

TECHNICAL PARAMETERS

- | | |
|------------------|------------------------|
| · Colour scheme | RAL |
| · Electric drive | YES |
| · Manual drive | YES |
| · Maximum width | 4500 mm (Wire 3500 mm) |
| · Maximum height | 4000 mm (Wire 3000 mm) |

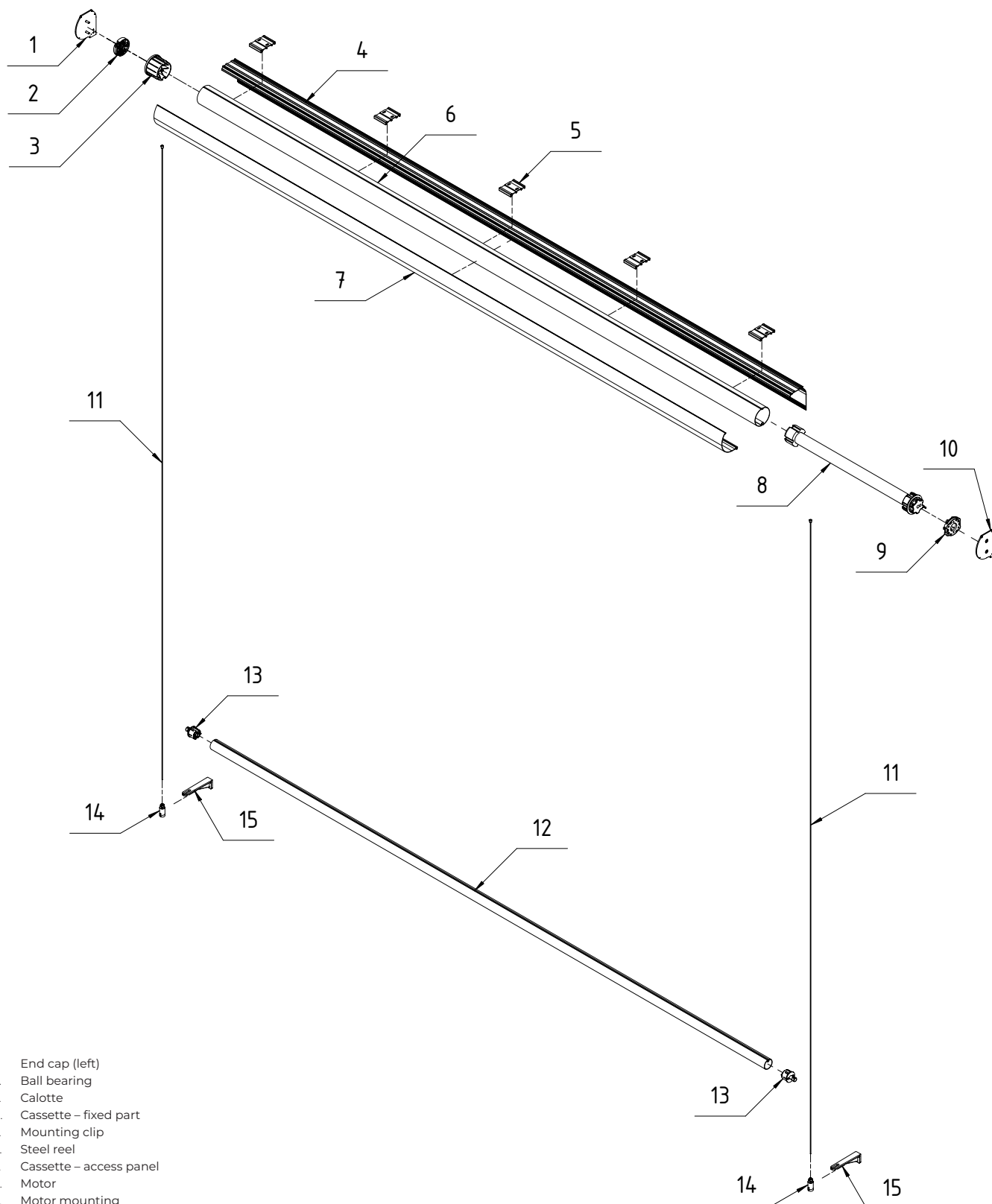
SCREEN R 103
Exploded view



1. End cap (left)
2. Ball bearing
3. Calotte
4. Cassette – fixed part
5. Mounting clip
6. Steel reel
7. Cassette – access panel
8. Guide channel
9. Guide channel handle
10. Motor
11. Motor mounting
12. End cap (right)
13. Bottom rail
14. End slat blind
15. Blind for a guide channel

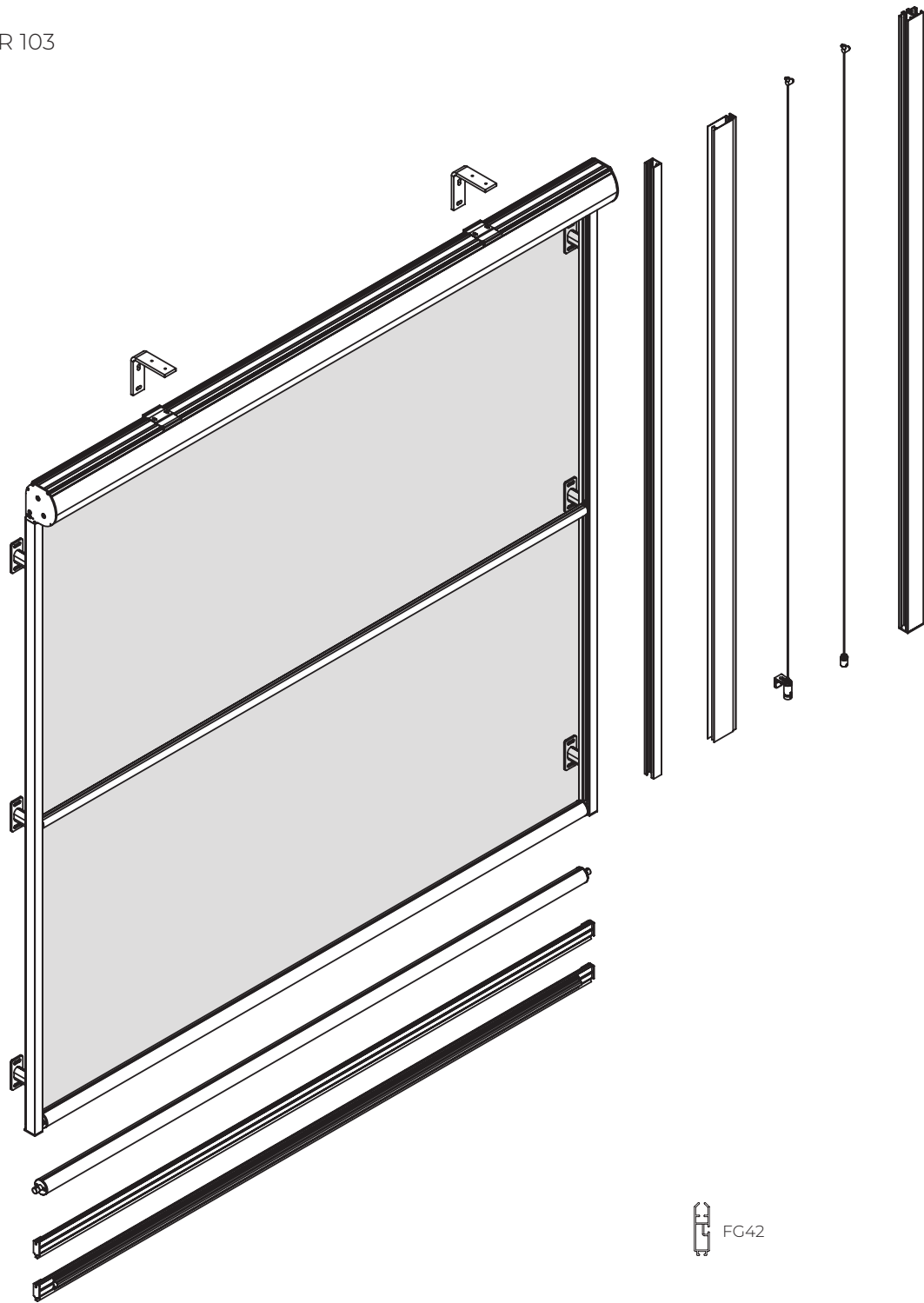
SCREEN R 103

Exploded view - Wire



1. End cap (left)
2. Ball bearing
3. Calotte
4. Cassette – fixed part
5. Mounting clip
6. Steel reel
7. Cassette – access panel
8. Motor
9. Motor mounting
10. End cap (right)
11. Cable guide
12. Bottom rail
13. End slat blind
14. Cable tensioner
15. Cable mounting

SCREEN R 103



		Guide channels					
		Cable guide Ø 2,5 mm	G80	GC30	GC30F	GC30FD	None
bottom beams	FG42		✓				✓
	FG42R		✓				
	Ø35						✓
	Ø42	✓		✓	✓	✓	✓
additional profiles	PPW			✓	✓	✓	



FG42



FG42R



Wind protection
profile
PPW



Ø35



Ø42

Cable guide
Ø2.5



G80



GC30



GC30F

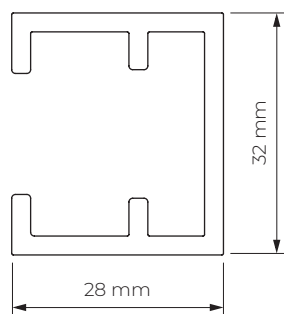


GC30FD

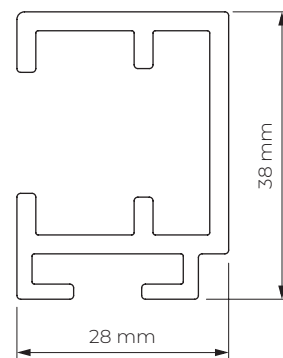
SCREEN R 103
Cable guide



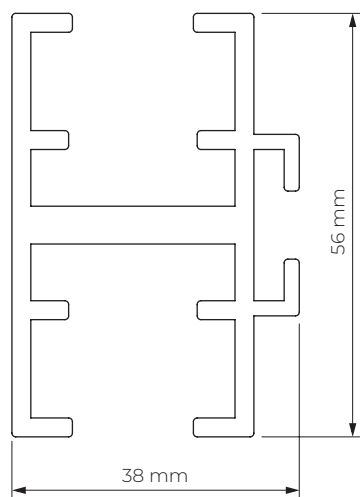
SCREEN R 103
Guide channel GC 30



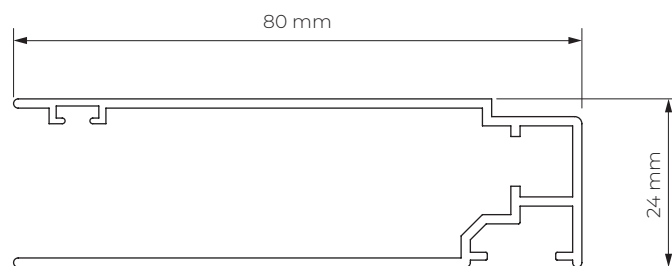
SCREEN R 103
Guide channel GC 30F



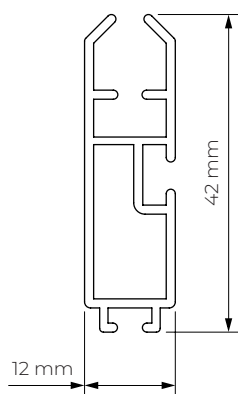
SCREEN R 103
Guide channel GC 30FD



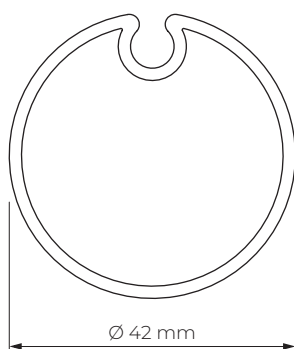
SCREEN R 103
Guide channel G 80



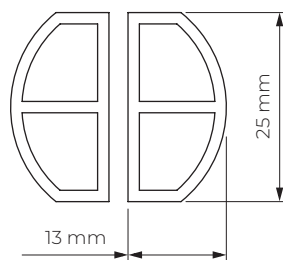
SCREEN R 103
Bottom rail FG 42



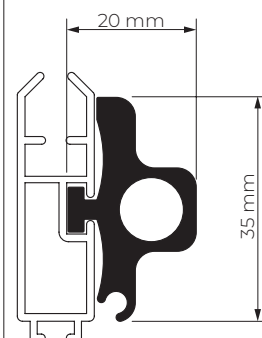
SCREEN R 103
Bottom rail Ø42



SCREEN R 103
Wind protection profile
PPW



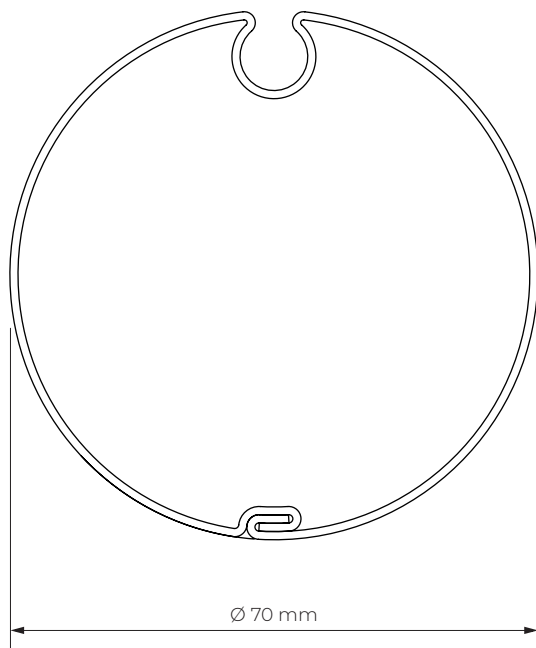
SCREEN R 103
Reinforcement profile
FG 42R



SCREEN R 103

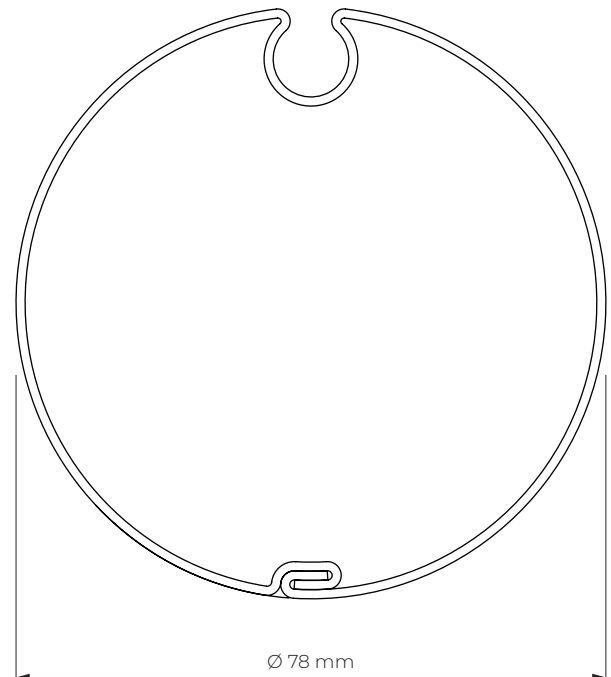
Galvanised roller tube

(Available only with Soltis+crank+widths up to 3.5 m)

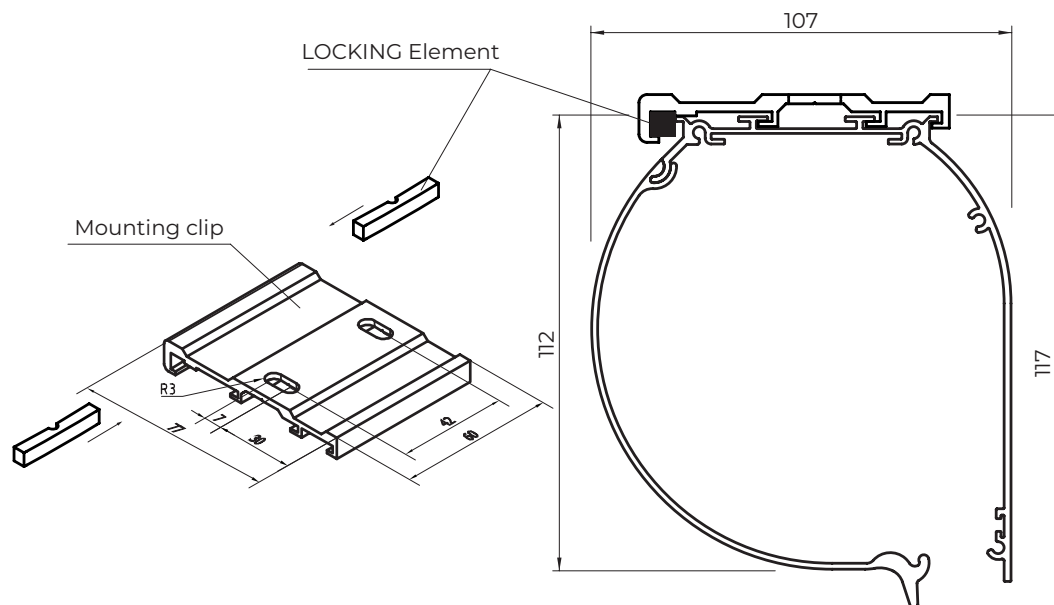


SCREEN R 103

Galvanised roller tube

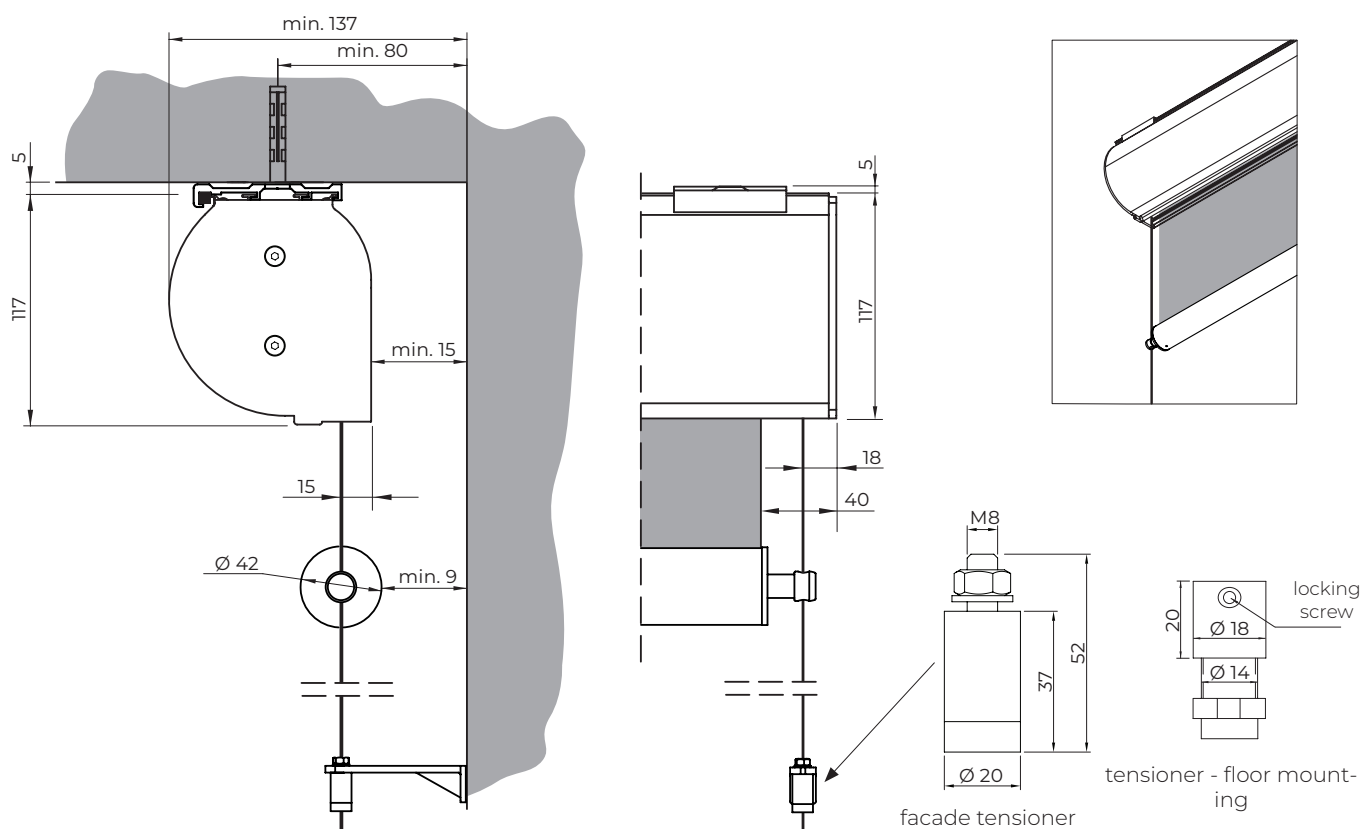


SCREEN R 103



SCREEN R 103

Ceiling installation - Cable guides



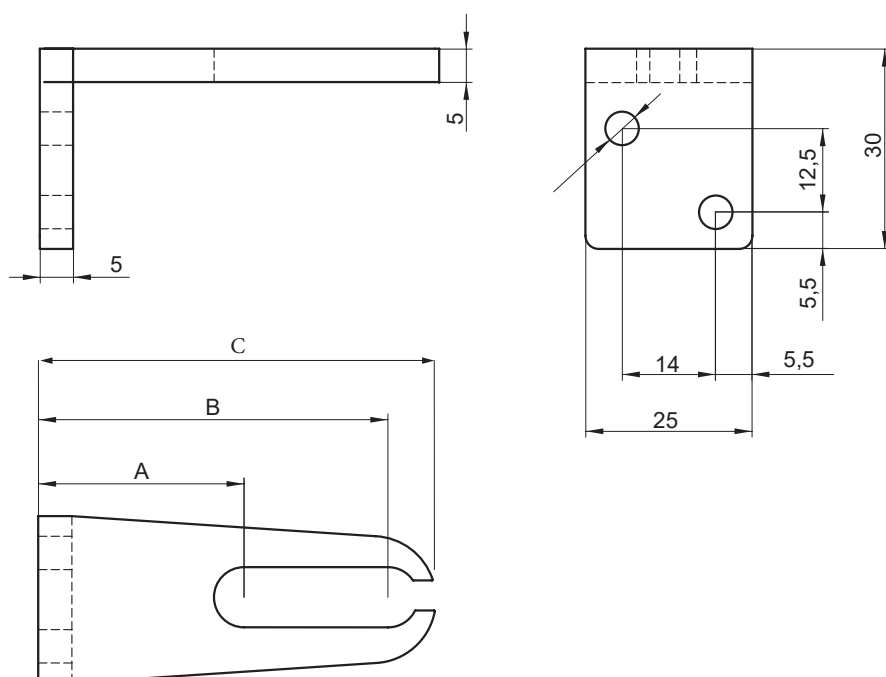
SCREEN R 103

Cable mounting brackets

Cable mounting brackets available in sizes:

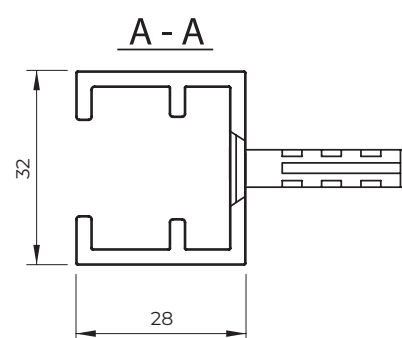
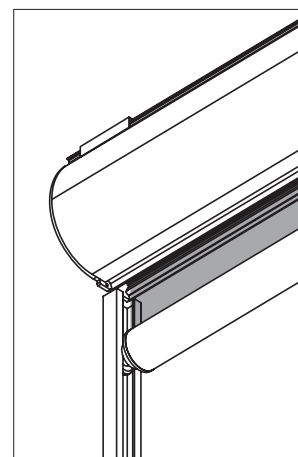
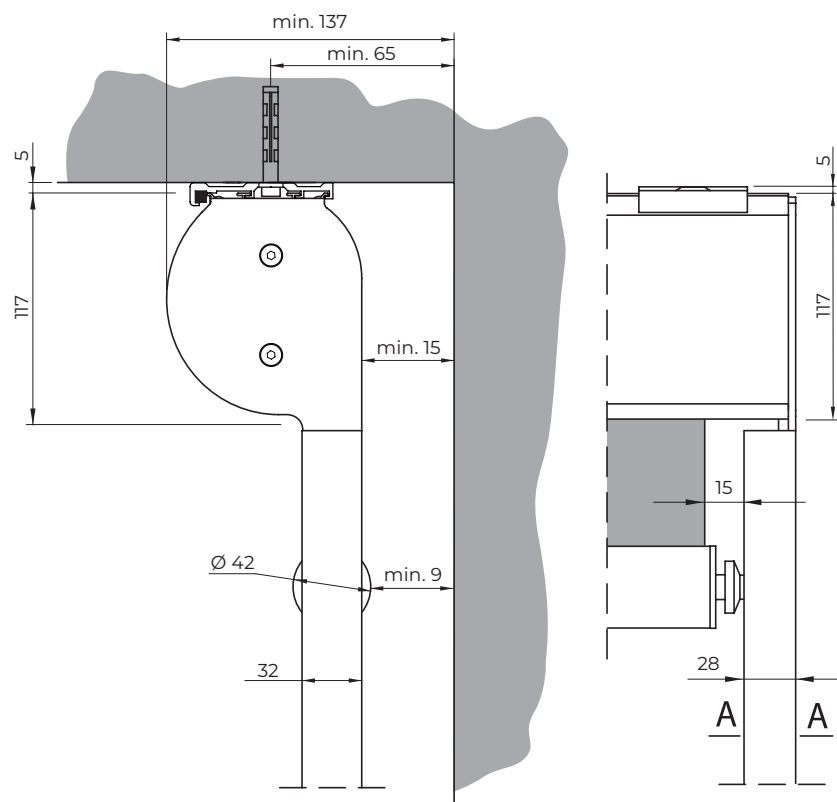
A	B	C
15mm*	36mm*	46mm
29mm	50mm	60mm
55mm	76mm	86mm
83mm	104mm	114mm
111mm*	132mm*	142mm
139mm*	160mm*	170mm

* made to order, longer lead times.



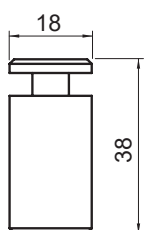
SCREEN R 103

Recessed installation – guides GC30

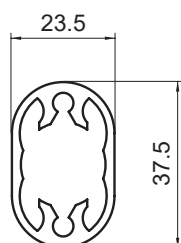


SCREEN R 103

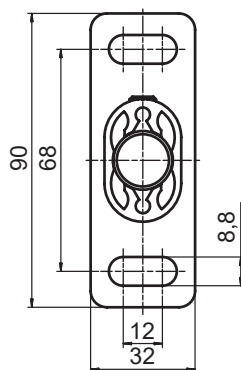
Guide channel handle



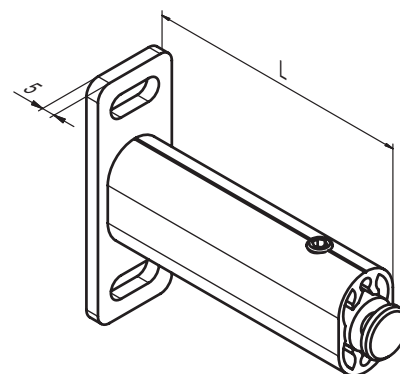
PIN



EXTRUDER



STOPPER



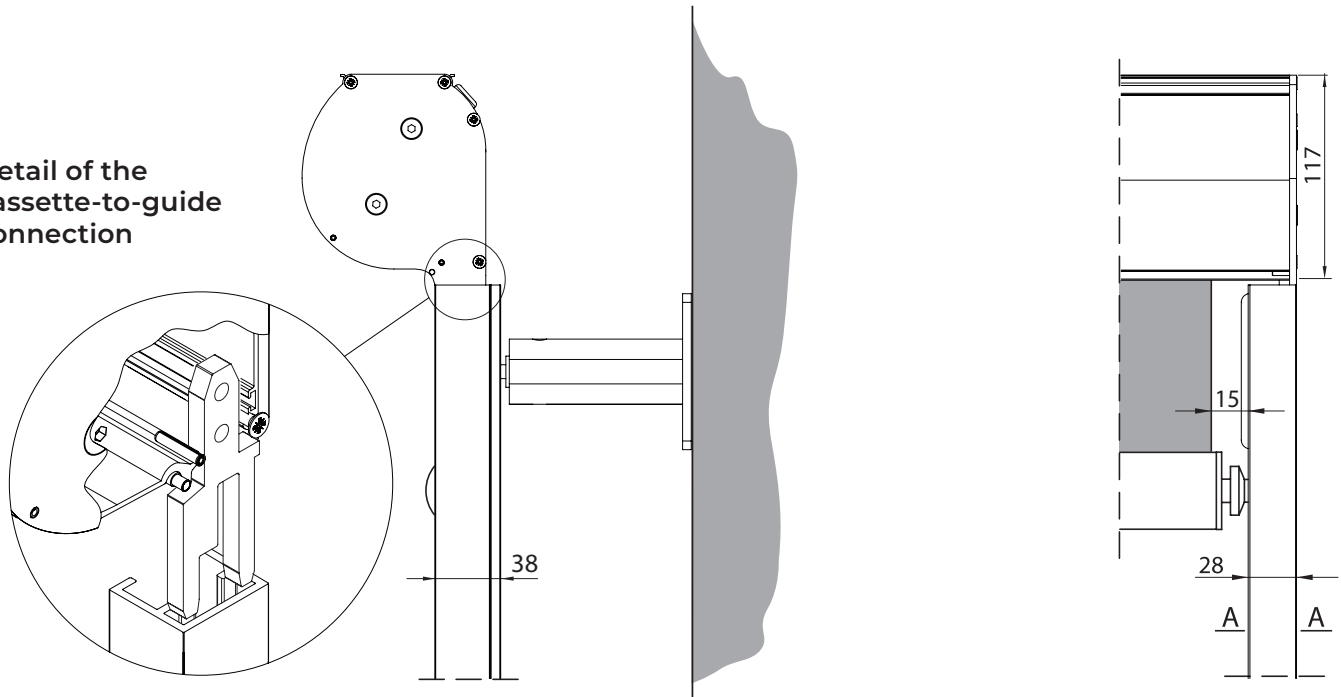
GRIP

The length "L" is selected individually depending on installation conditions or the client's specifications
L min. = 57mm, L max. = 180mm

SCREEN R 103

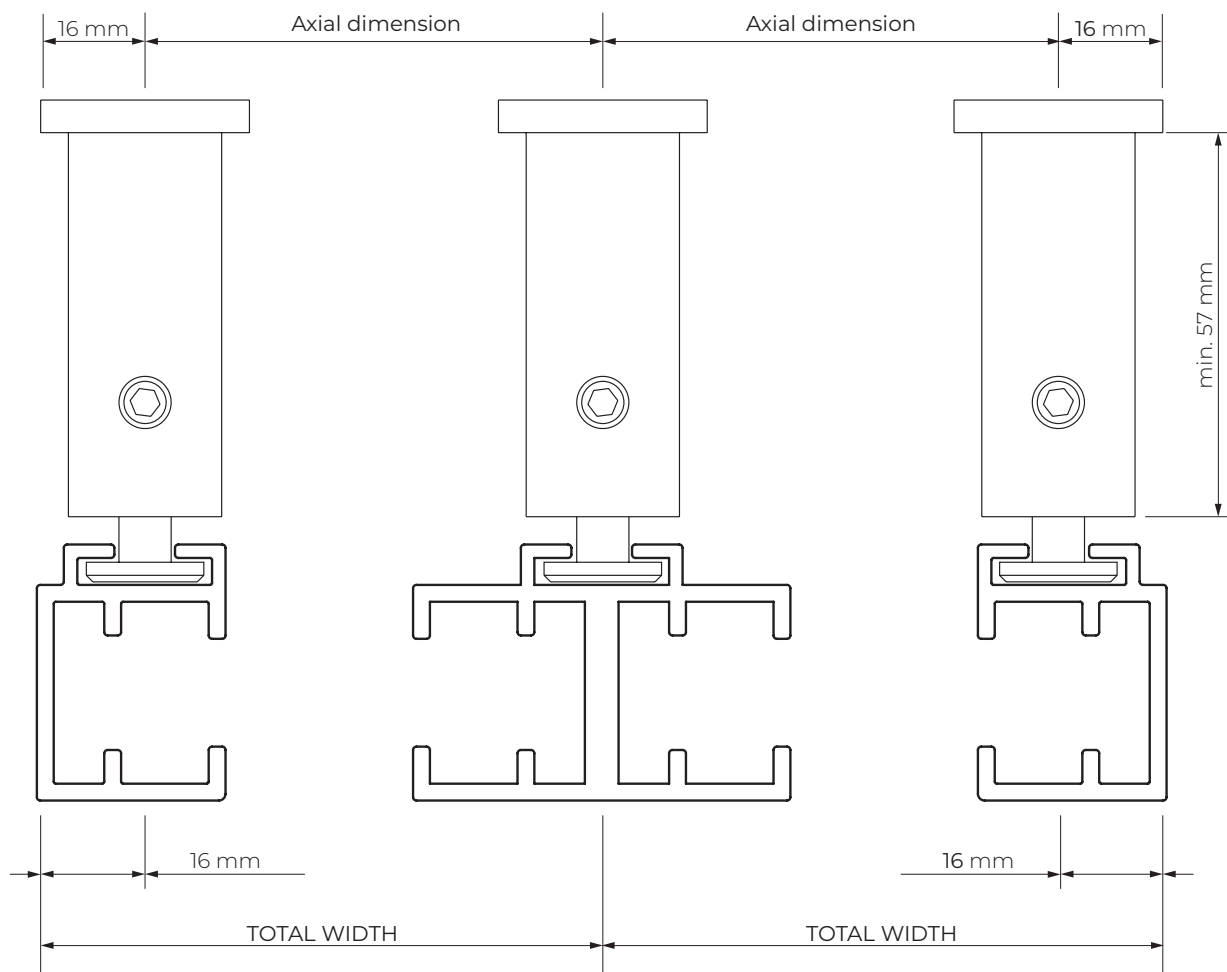
Facade installation - runners GC 30F/30FD

Detail of the cassette-to-guide connection



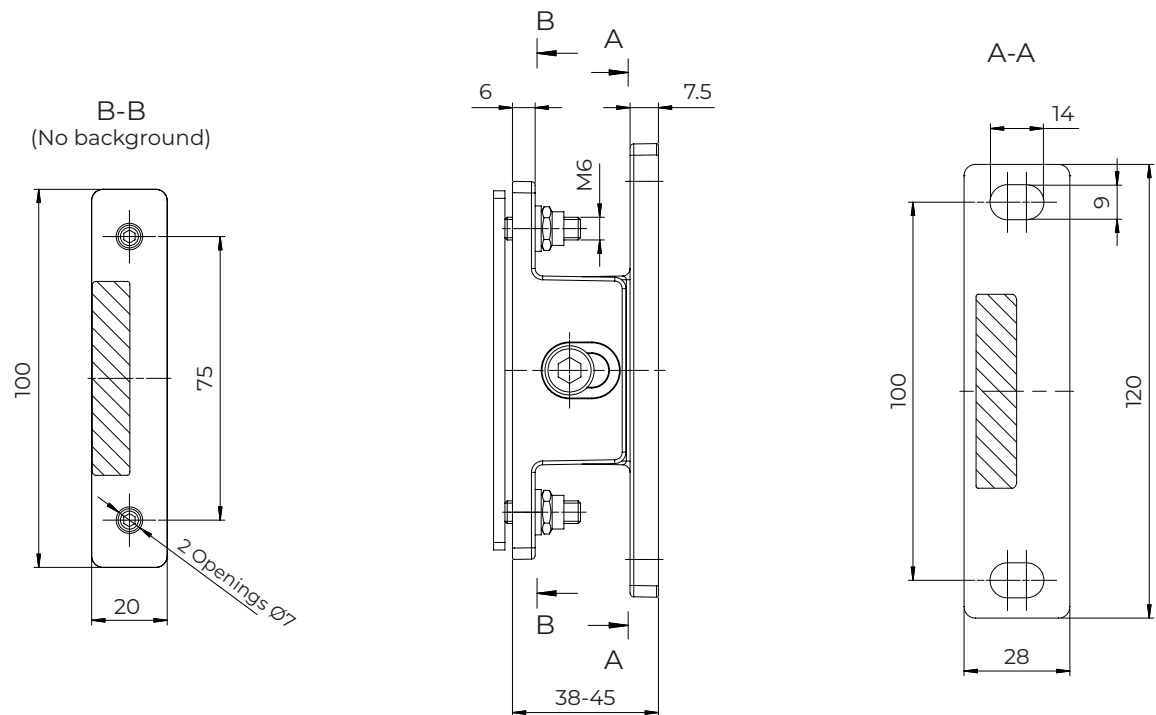
SCREEN R 103

Group installation, measurement method



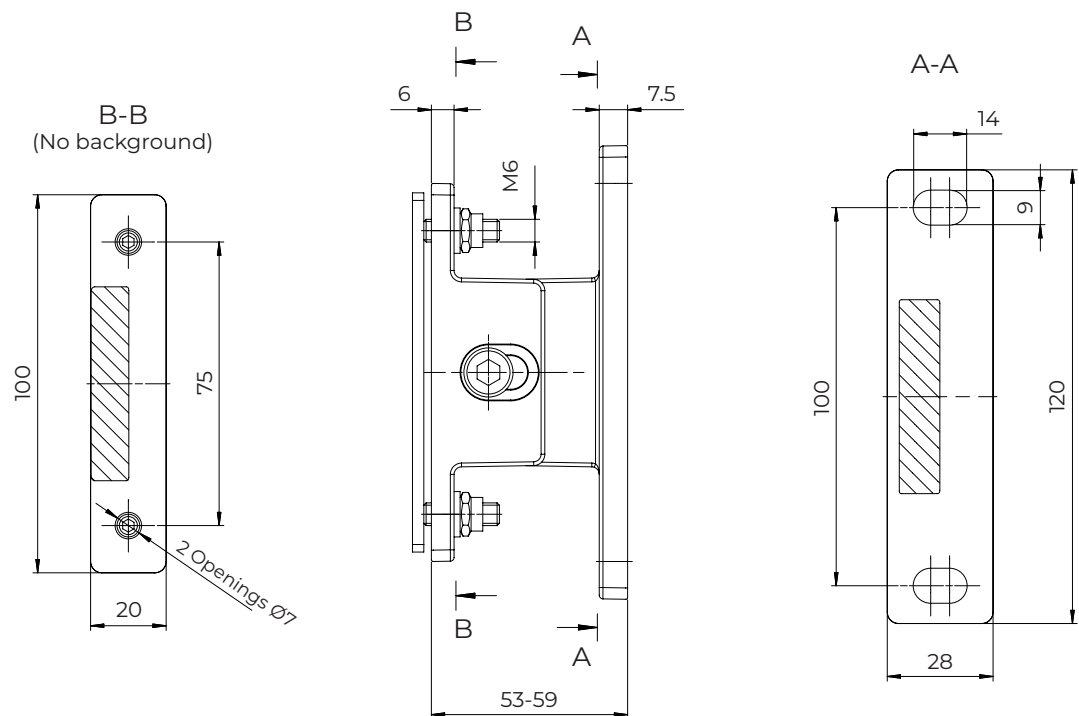
SCREEN R 103

Self-supporting adjustable handle TYPE 38-45



SCREEN R 103

Self-supporting adjustable handle TYPE 53-59



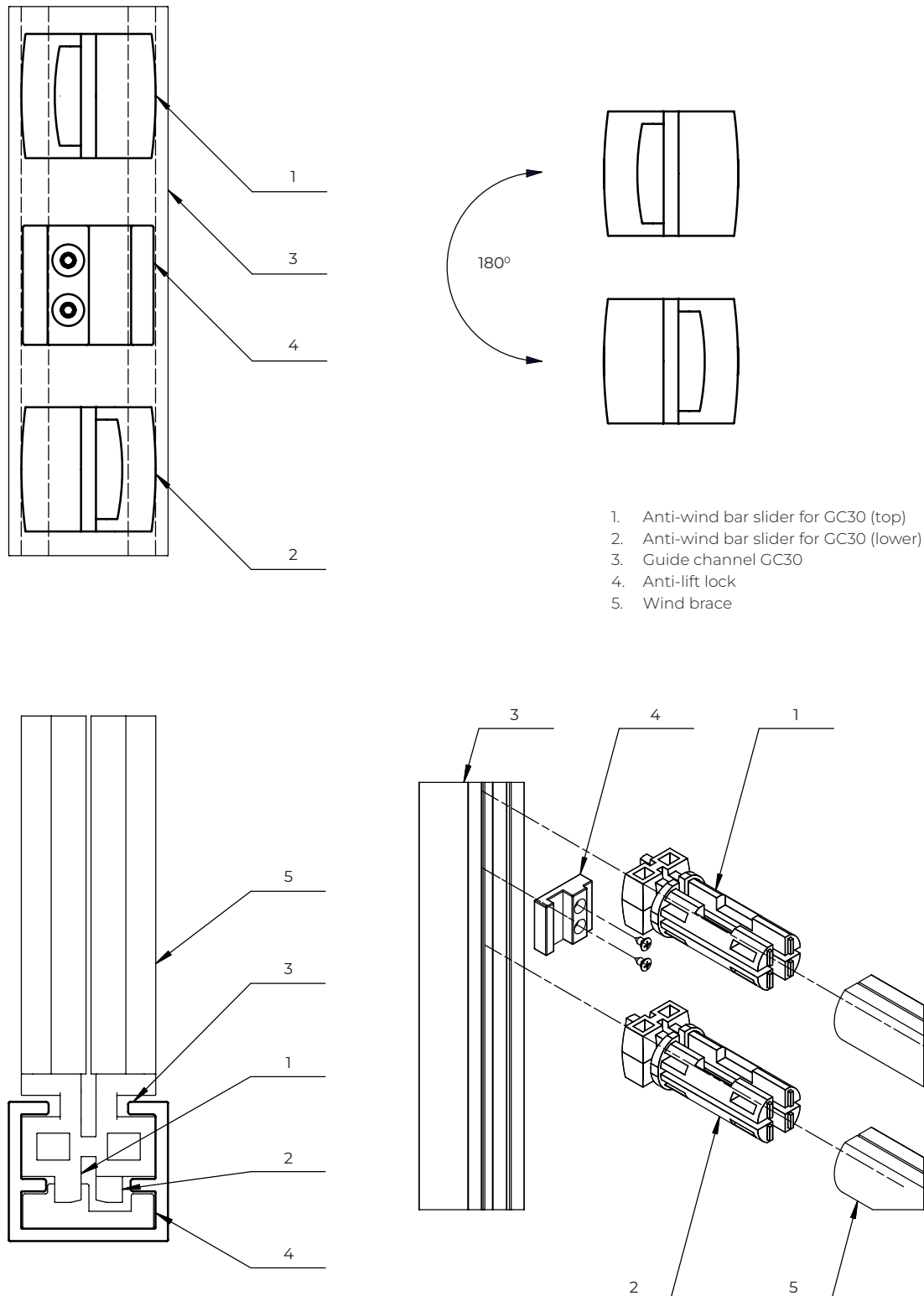
SCREEN R 103

Installation method for the ANTYWIND double beam

Installation of the double ANTYWIND beam involves rotating the sliders 180° relative to each other in the GC30 guide, allowing the lower wind-resistant beam to bypass the ANTYWIND lock

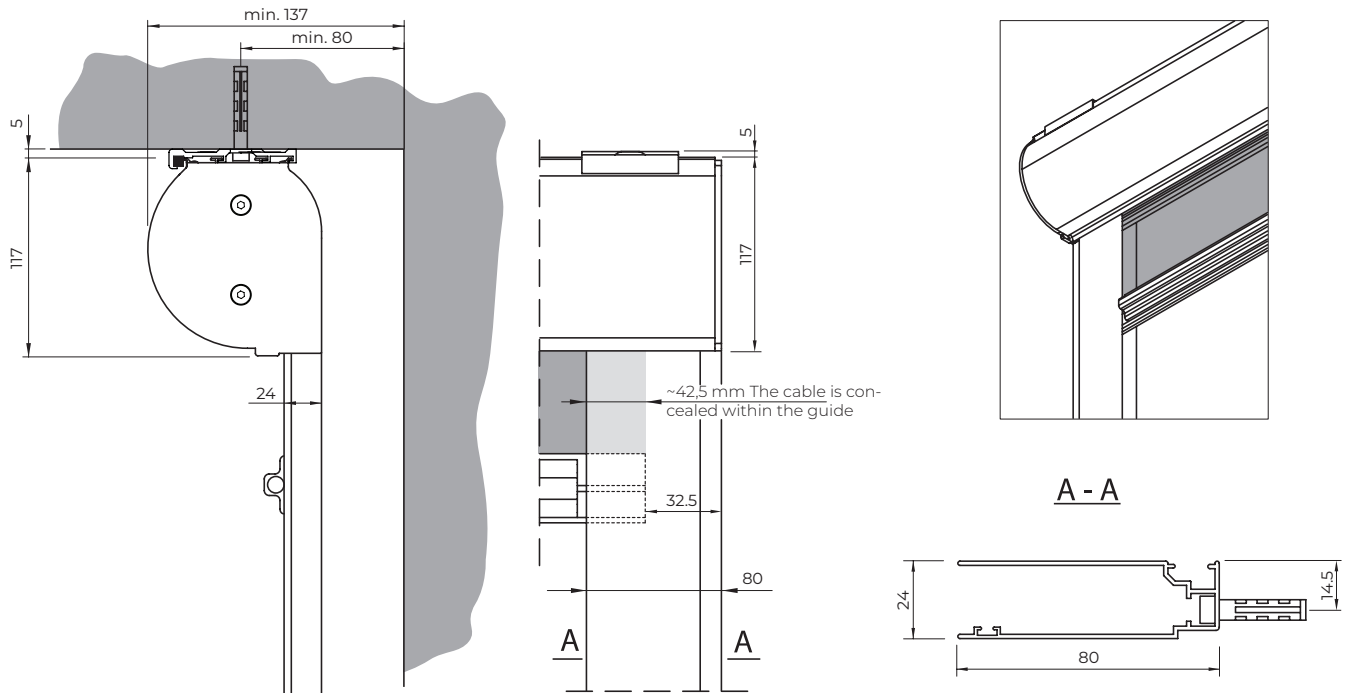
GC30 and GC30F or GC30FD guides (self-supporting system) with a lower beam Ø42 and optional wind brace (for a maximum width of 300 cm).

Number of wind brace sets: up to 250 cm height – 1 set of braces, over 250 cm height – 2 sets of braces.



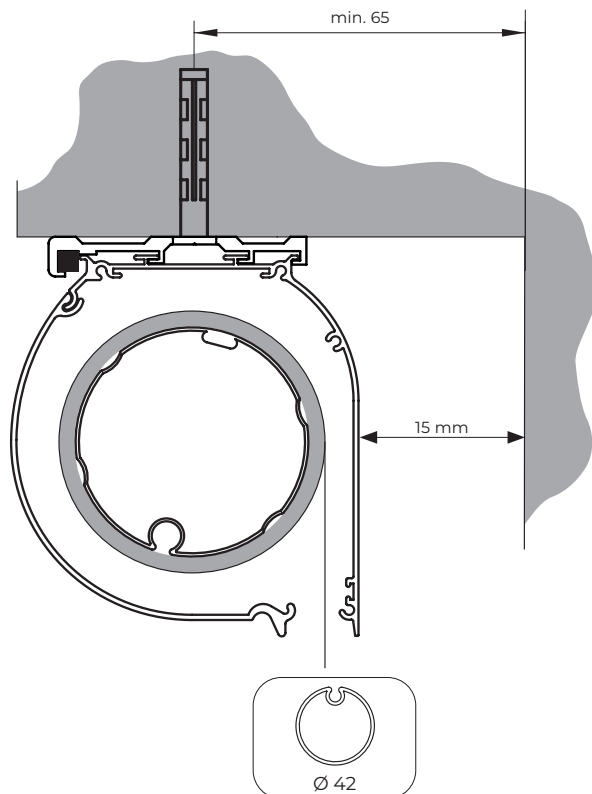
SCREEN R 103

Recessed installation with G80 rails, for indoor installation only



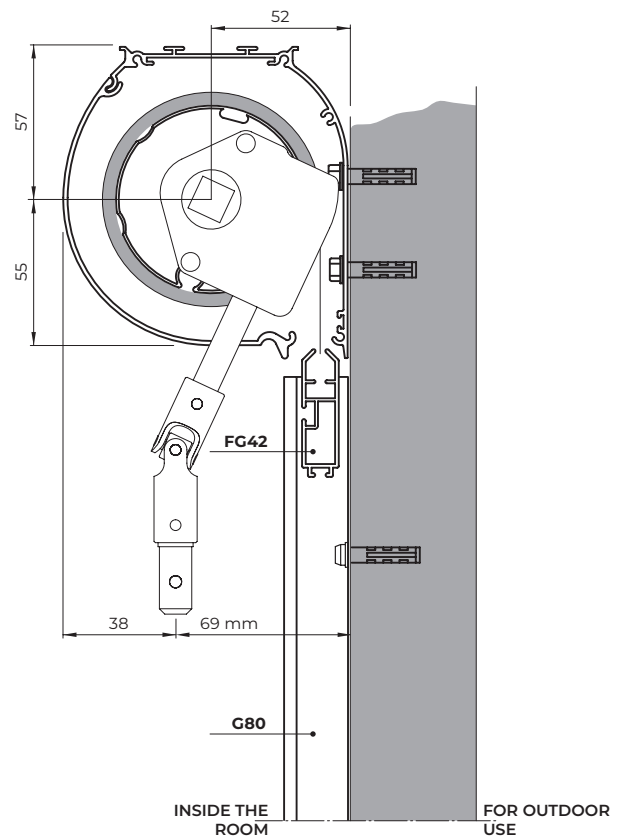
SCREEN R 103

Ceiling installation



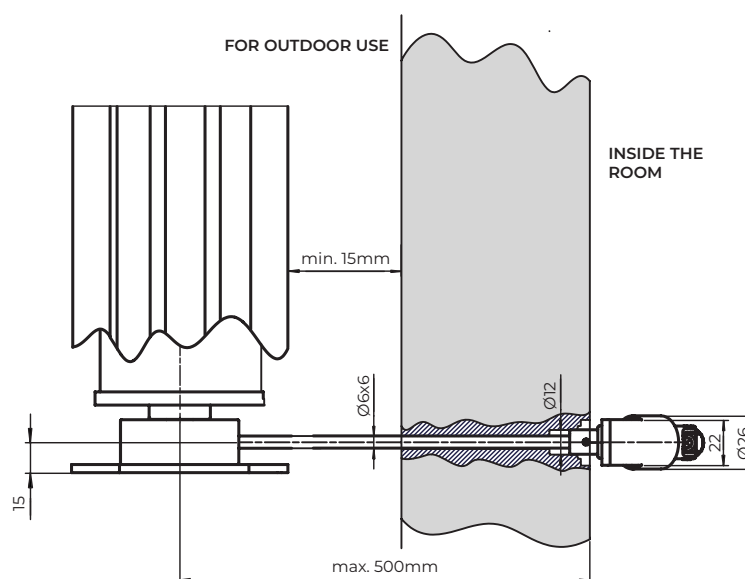
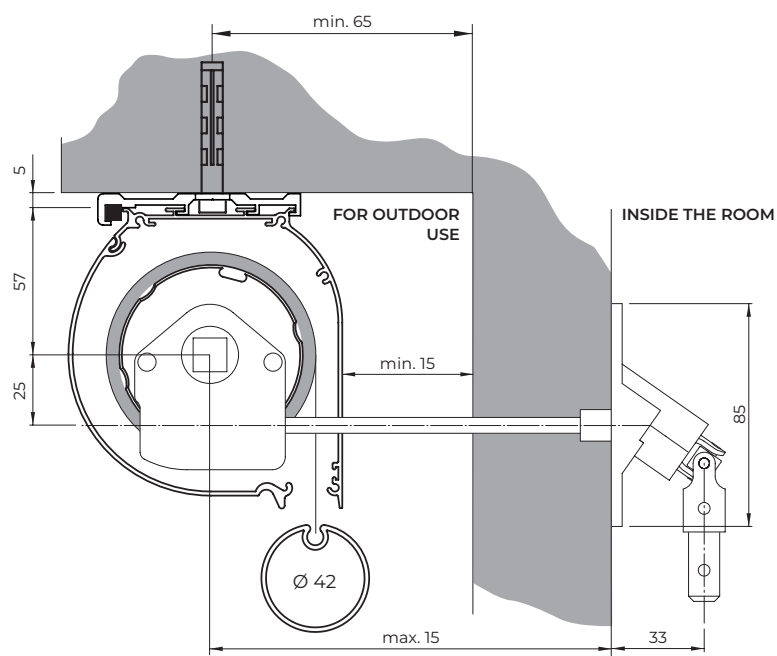
SCREEN R 103

Internal installation directly to the wall, manual drive



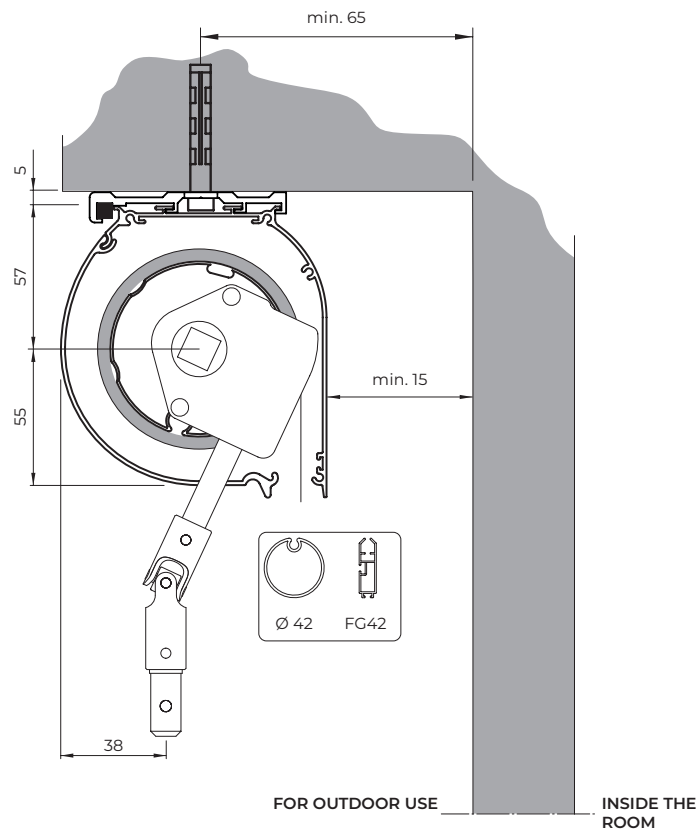
SCREEN R 103

Internal ceiling mounting, manual drive with grommet



SCREEN R 103

Indoor ceiling mounting, manual drive

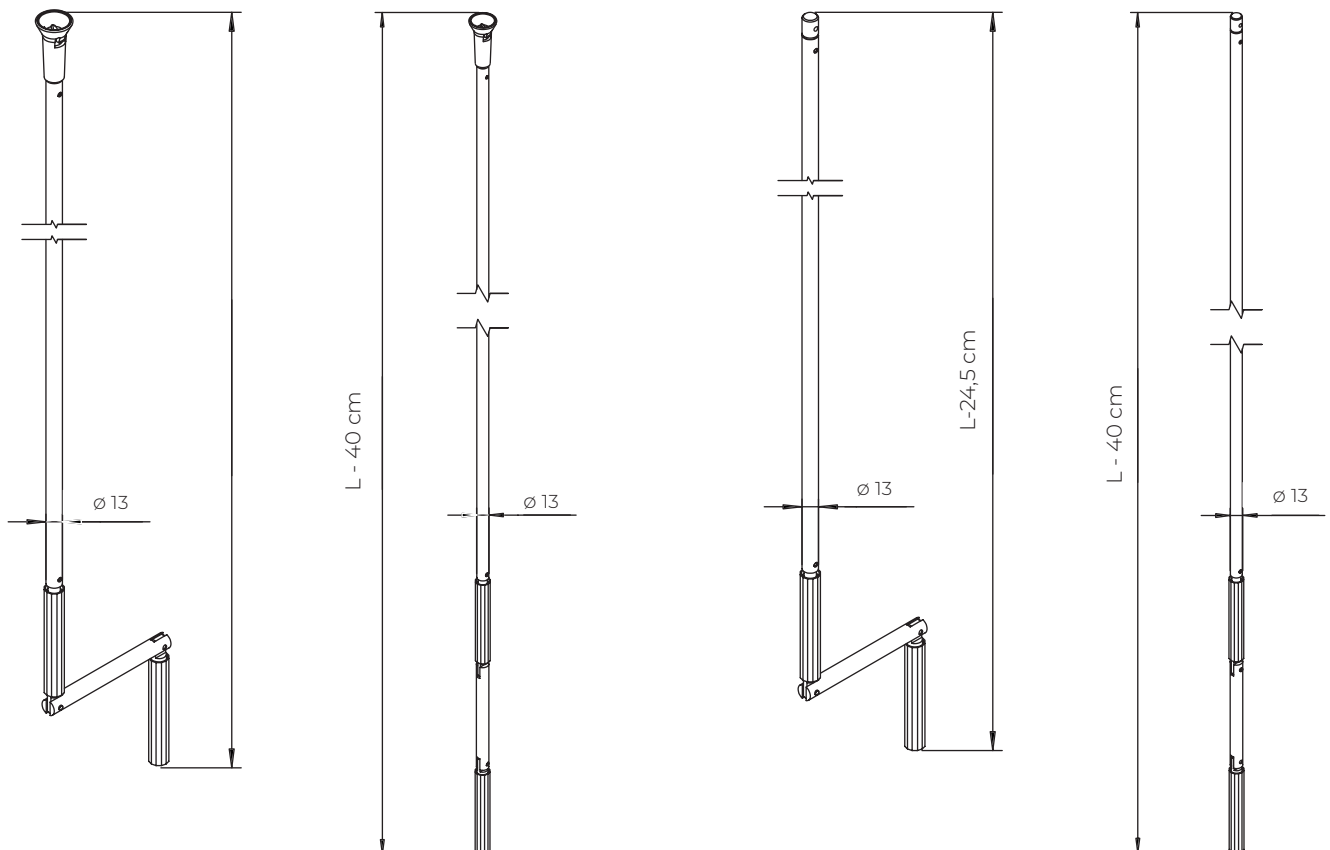


SCREEN R 103

Handles

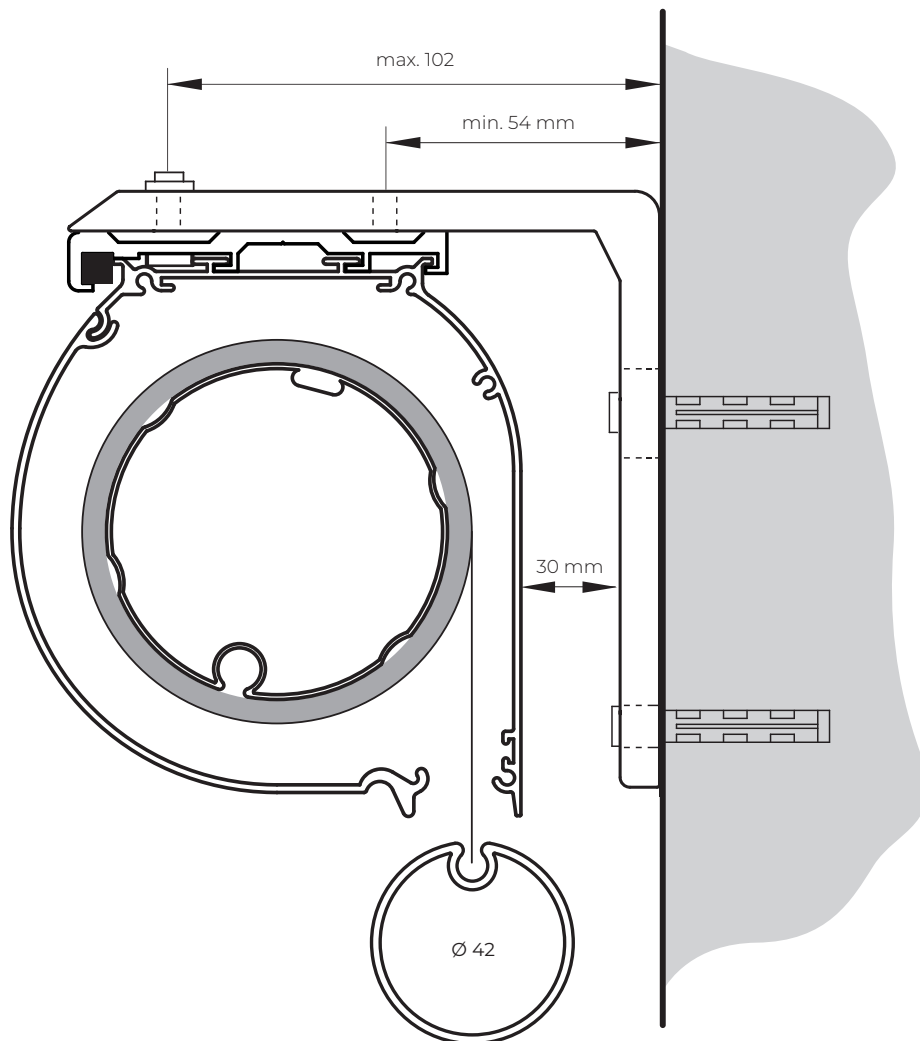
Detachable folding crank

Fixed folding crank

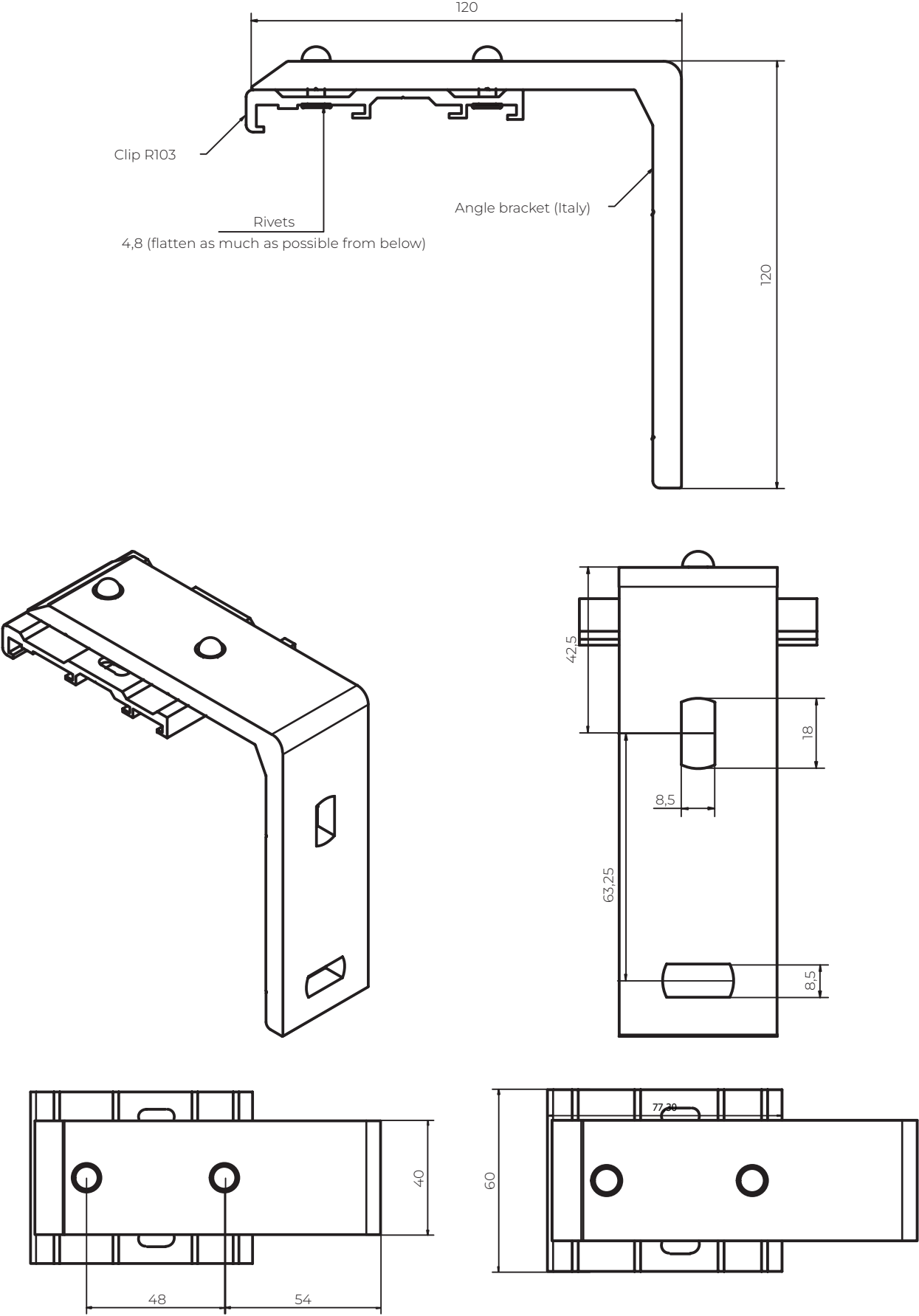


SCREEN R 103

External installation using an angle bracket (Italia) – optional



SCREEN R 103
Angle bracket (Italy)



SCREEN MR 103

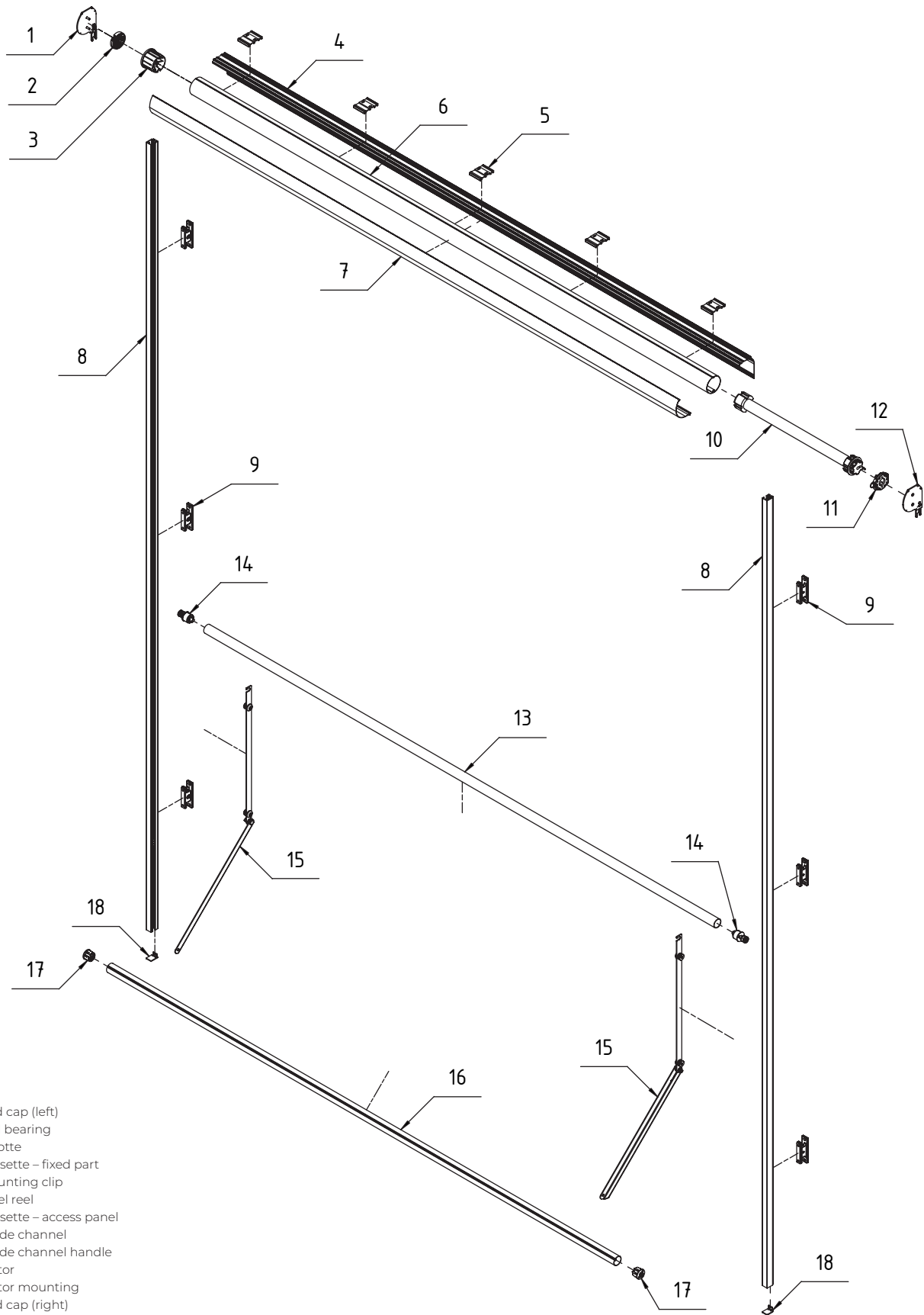
SCREEN MR 103
Vertical awning, box made of extruded aluminium

APPLICATION	
· External installation	YES
· Internal installation	NO

PRODUCT CHARACTERISTICS	
· Arms made of steel	
· Wide range of fabrics	

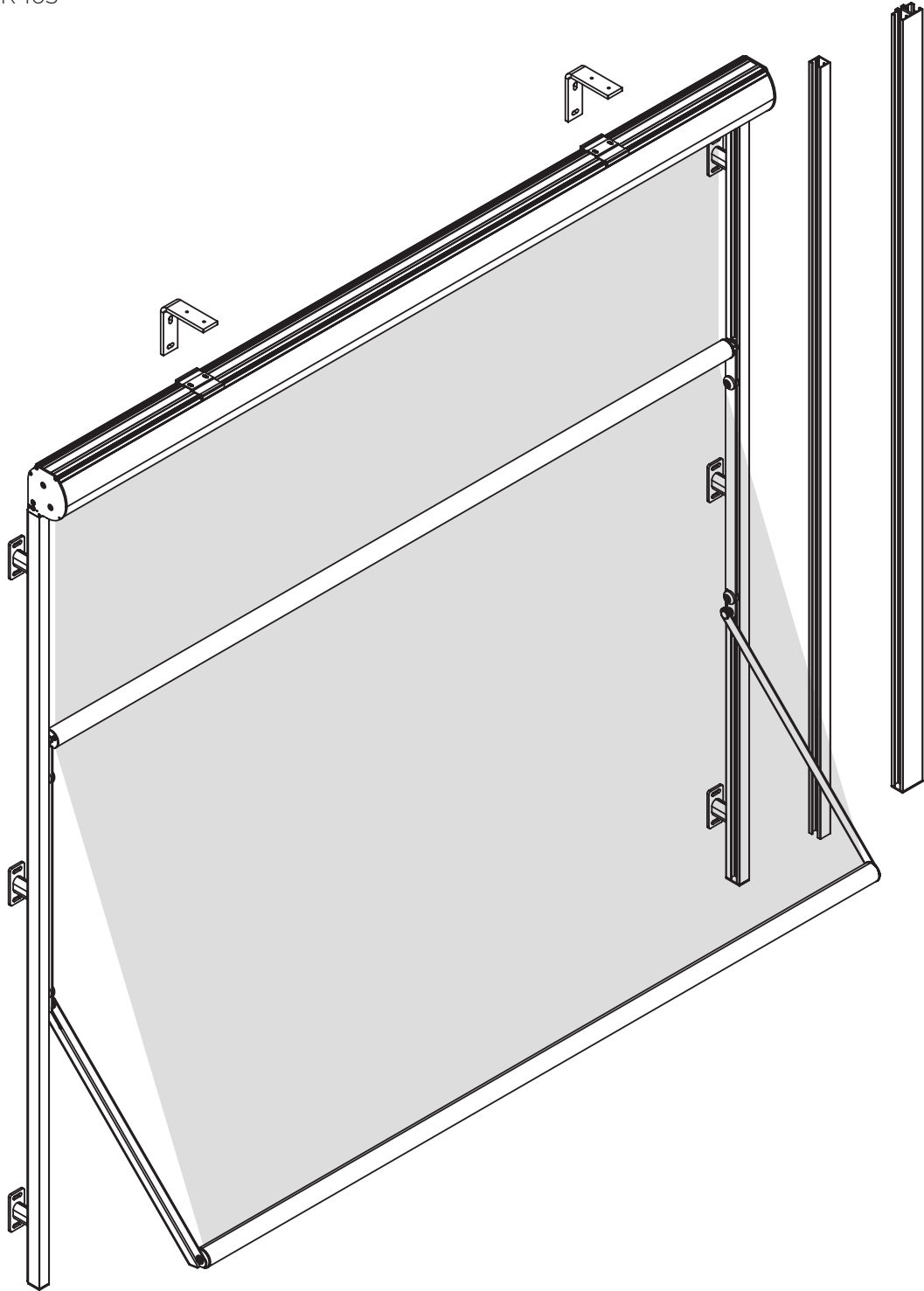
TECHNICAL PARAMETERS	
· Colour scheme	RAL
· Electric drive	YES
· Manual drive	YES
· Maximum width	3500 mm
· Maximum height	4000 mm

SCREEN MR 103
Exploded view - Guide channels



1. End cap (left)
2. Ball bearing
3. Calotte
4. Cassette – fixed part
5. Mounting clip
6. Steel reel
7. Cassette – access panel
8. Guide channel
9. Guide channel handle
10. Motor
11. Motor mounting
12. End cap (right)
13. Top beam
14. Top rail end cap
15. Arm
16. Bottom rail
17. End slat blind
18. Blind for a guide channel

SCREEN MR 103



Ø42

FD40

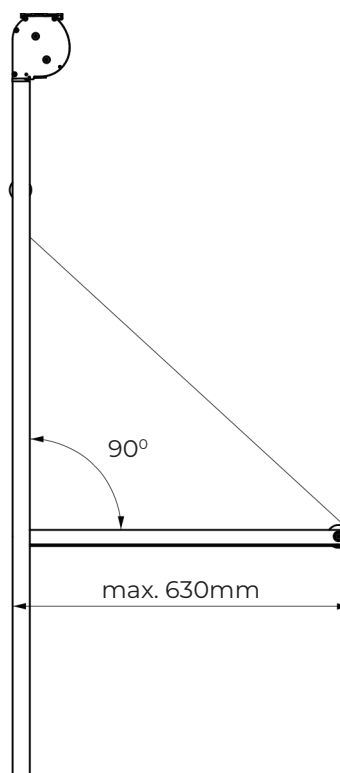
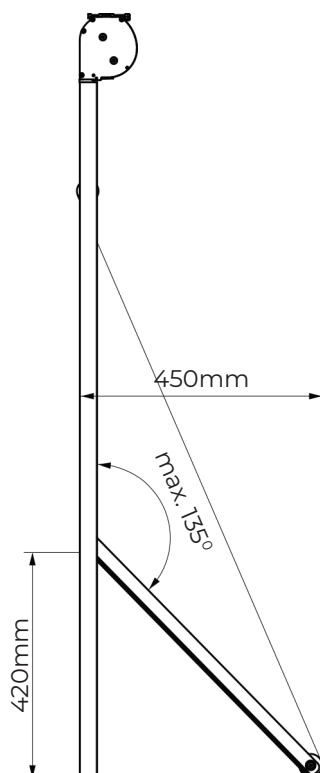
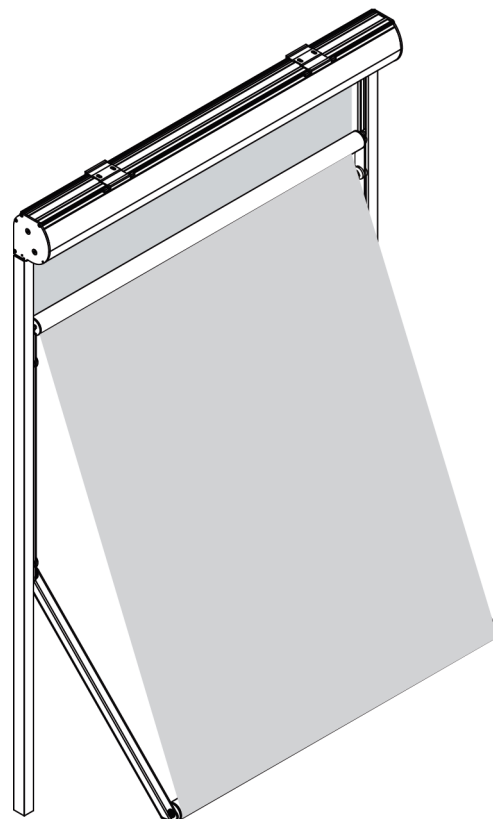
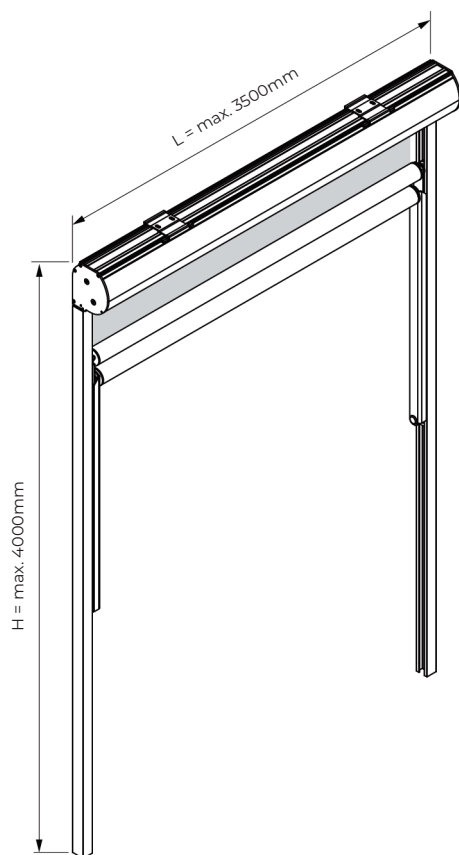
GC30

GC30F

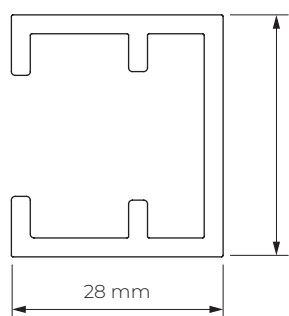
GC30FD

		Guide channels		
		GC30	GC30F	GC30FD
bottom beams	Ø42	✓	✓	✓
	FD40	✓	✓	✓

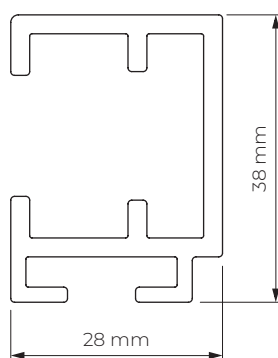
SCREEN MR 103
Maximum dimensions



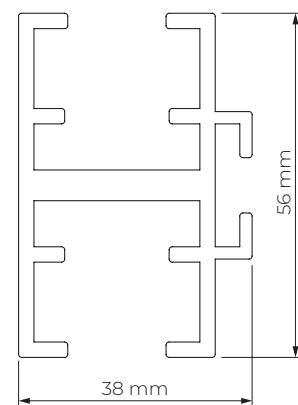
SCREEN MR 103
Guide channel GC 30



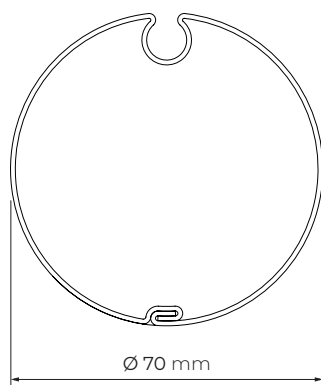
SCREEN MR 103
Guide channel GC 30F



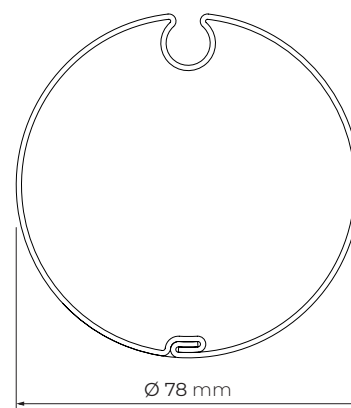
SCREEN MR 103
Guide channel GC 30FD



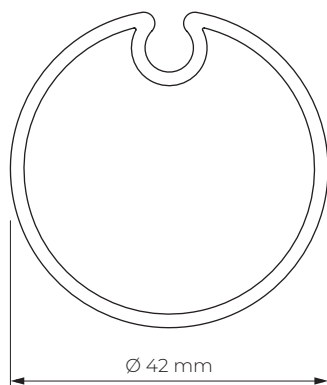
SCREEN MR 103
Galvanised roller tube
(Available only with Soltis+crank+widths up to 3.5 m)



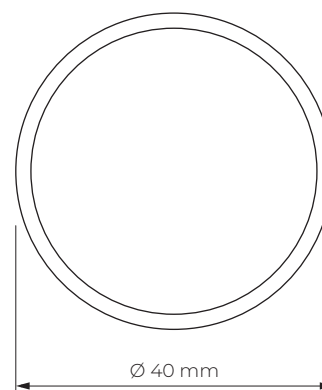
SCREEN MR 103
Galvanised roller tube



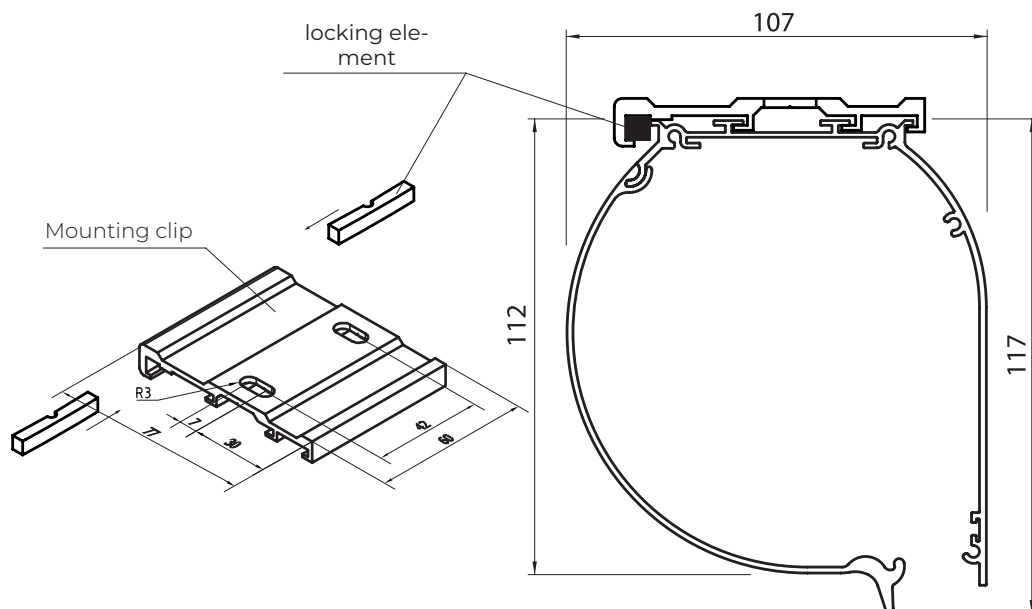
SCREEN MR 103
Bottom rail FD42



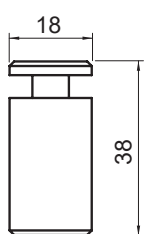
SCREEN MR 103
Top beam FD40



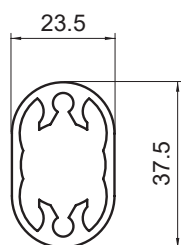
SCREEN MR 103
Cassette – cross-sectionj



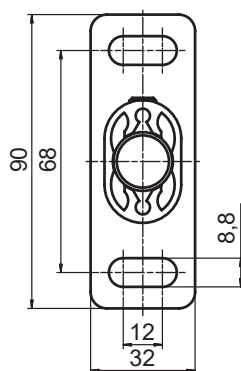
SCREEN MR 103
Veranda bracket for GC30F or GC30FD track



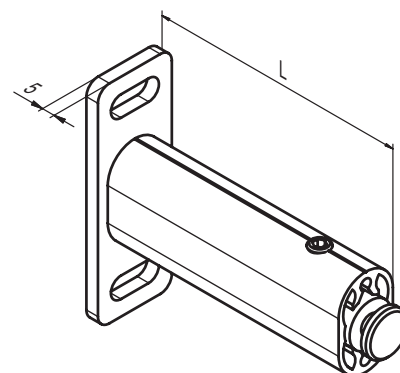
PIN



EXTRUDER



STOPPER

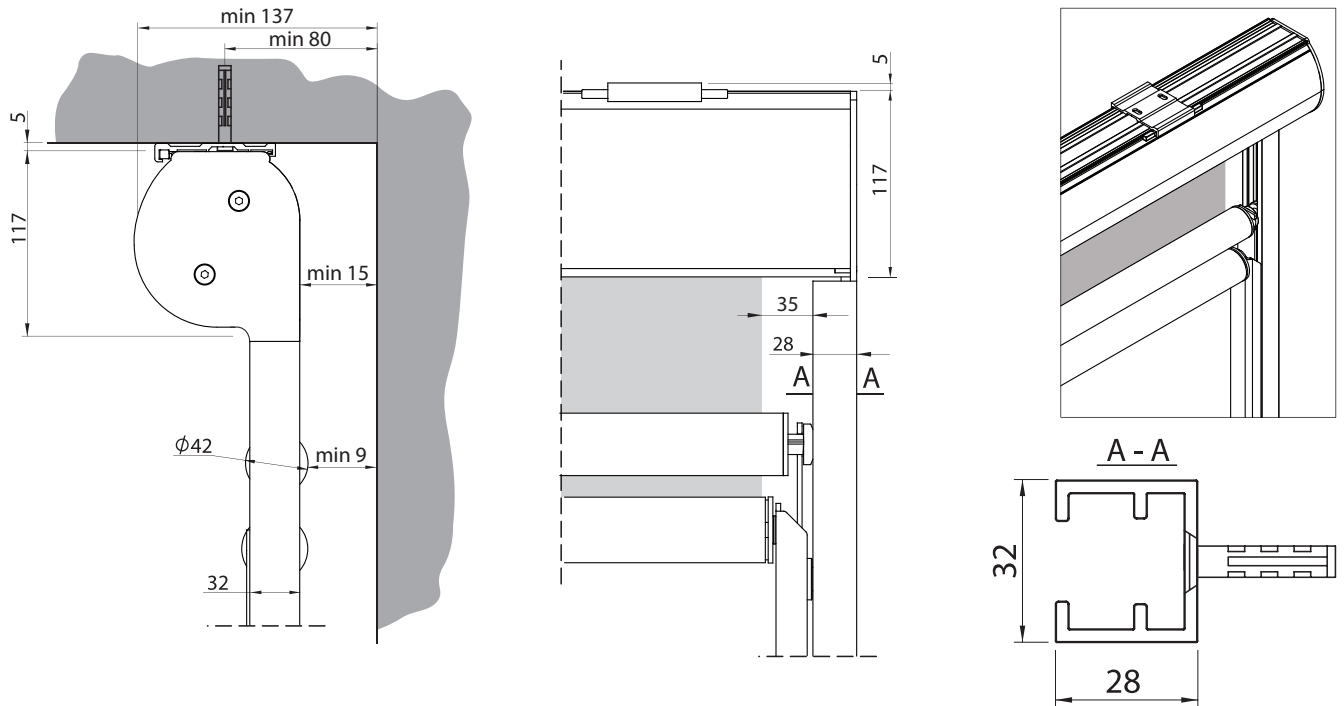


GRIP

The length "L" is selected individually depending on installation conditions or the client's specifications
L min. = 57mm, L max. = 180mm

SCREEN MR 103

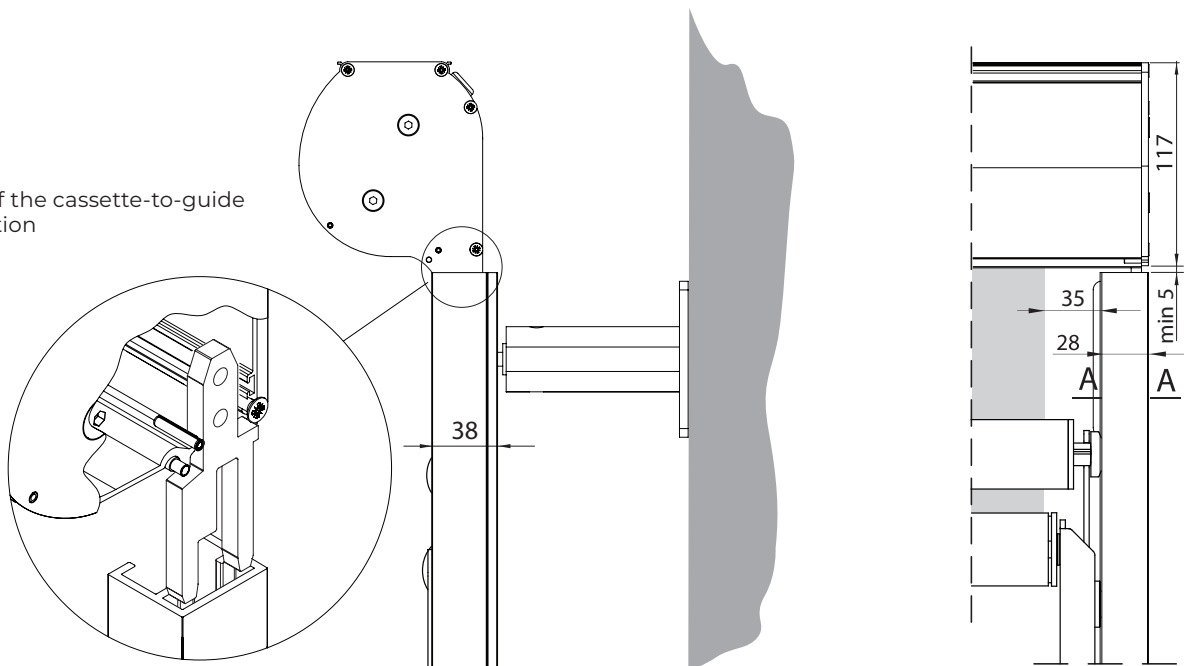
Recessed installation – guides GC30



SCREEN MR 103

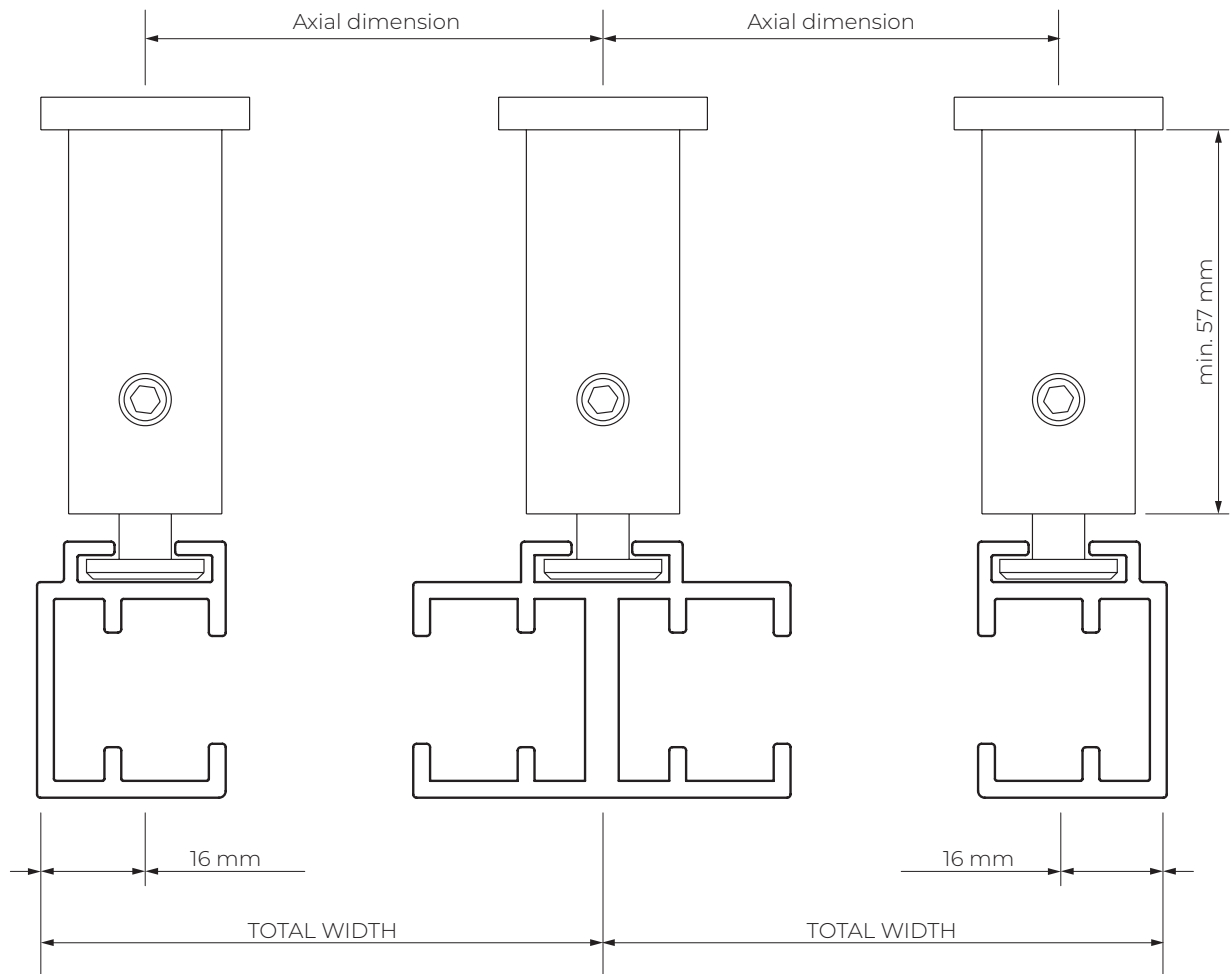
Recessed installation – guides GC30F/GC30FD

Detail of the cassette-to-guide connection



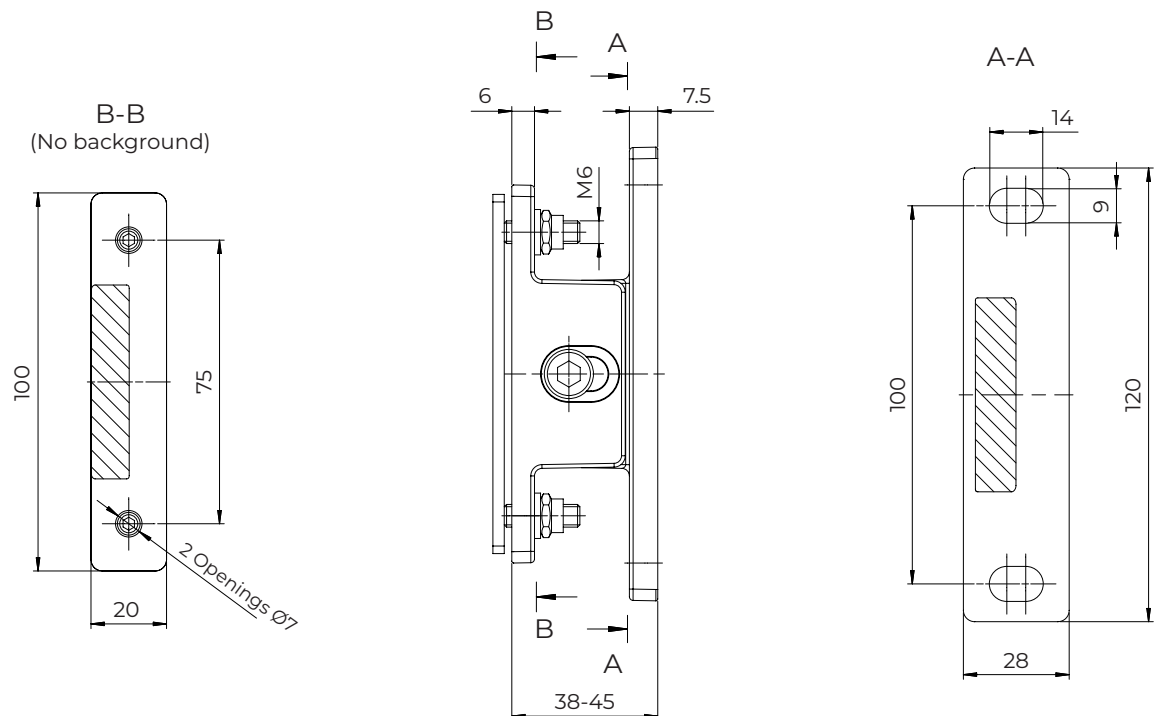
SCREEN MR 103

Group installation – measurement method



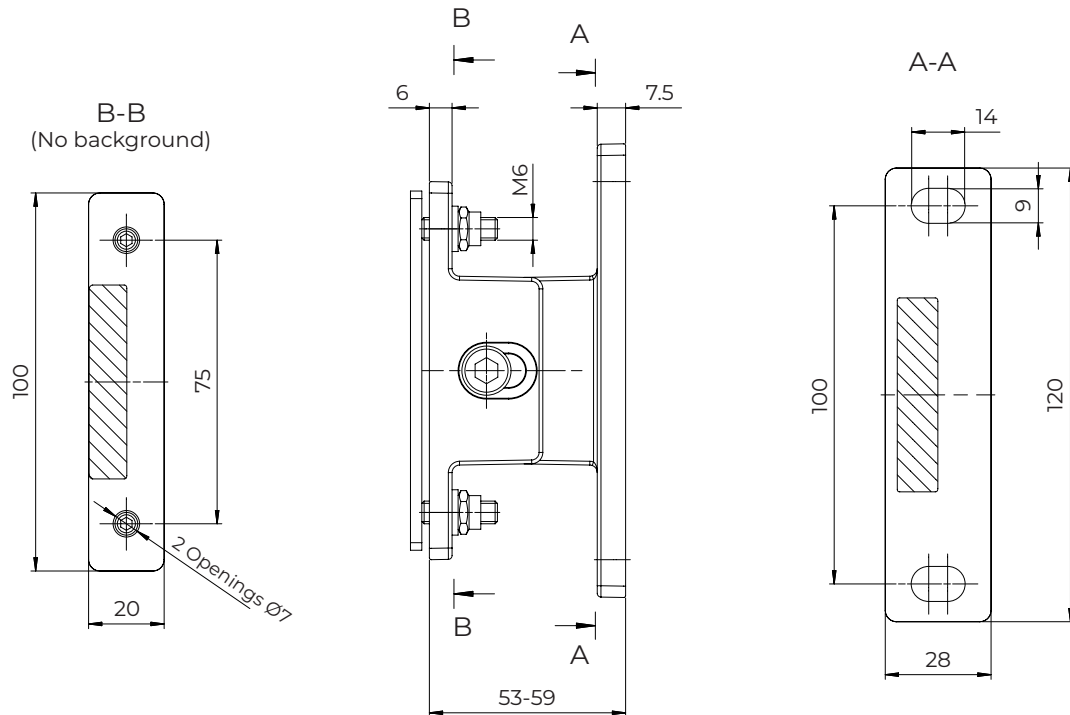
SCREEN MR 103

Adjustable self-supporting handle TYPE 38-45



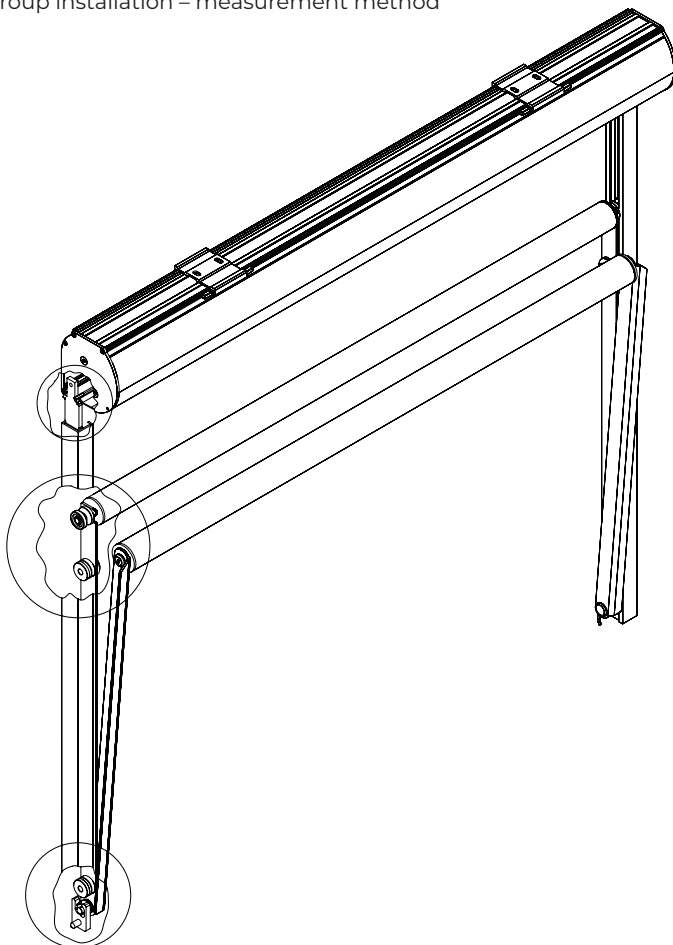
SCREEN MR 103

Adjustable self-supporting handle TYPE 53-59

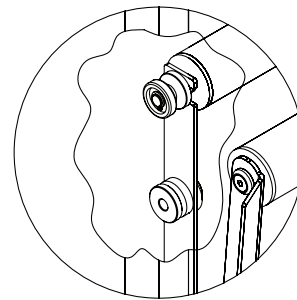


SCREEN MR 103

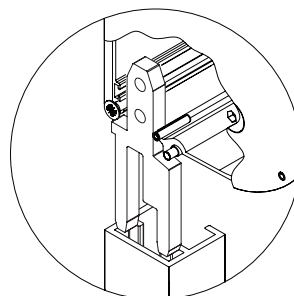
Group installation – measurement method



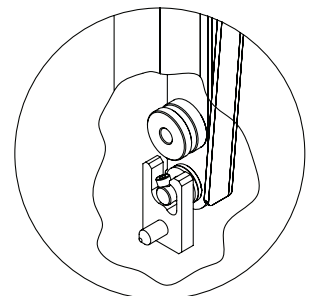
Detail of the fixed arm guide in the guide rail



Detail of the cassette-to-guide connection

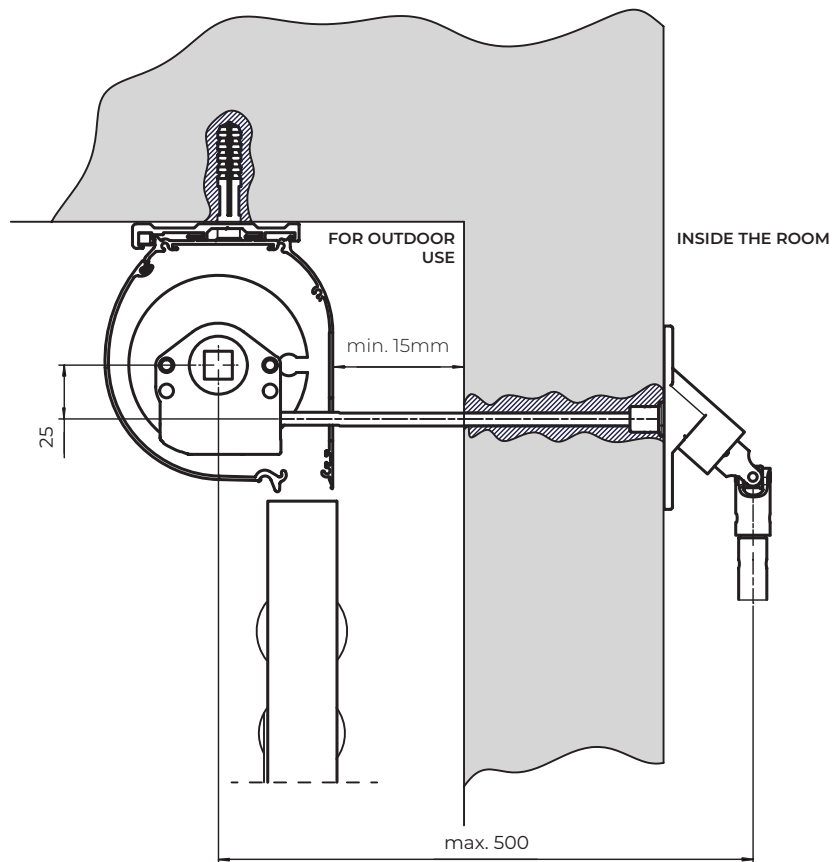


Detail of the fixed arm lock connection

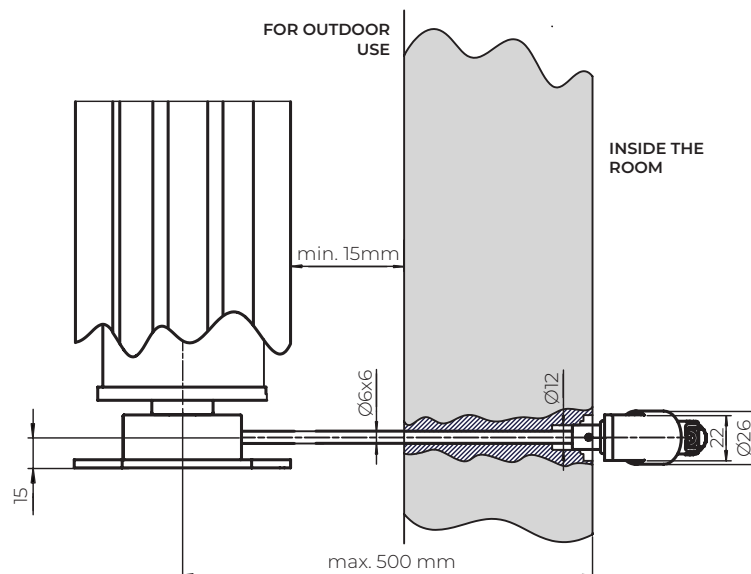


SCREEN MR 103
Crank drive with pulley

Side view



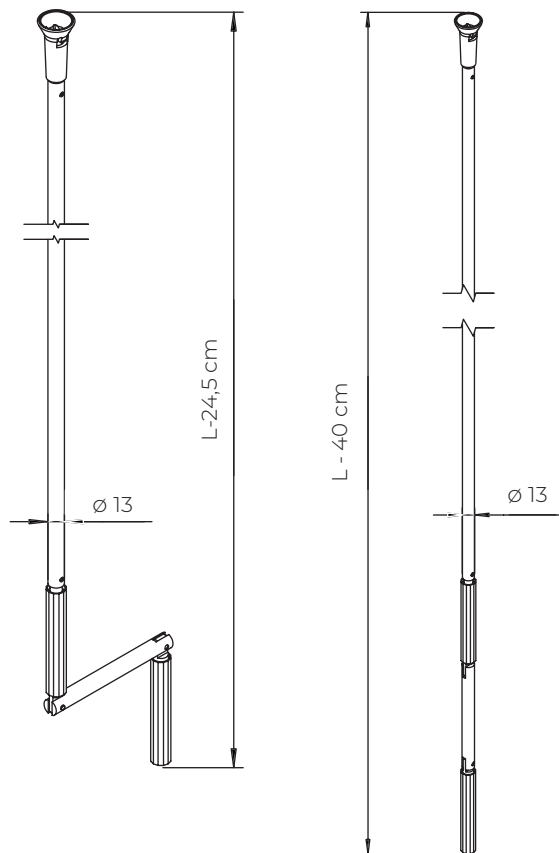
Top view



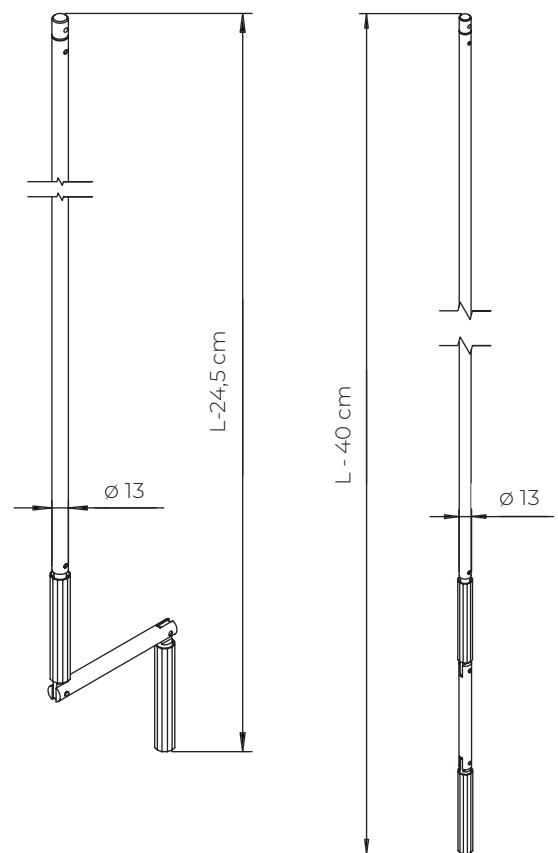
SCREEN MR 103

Handles

Detachable folding crank



Fixed folding crank



SCREEN R 95

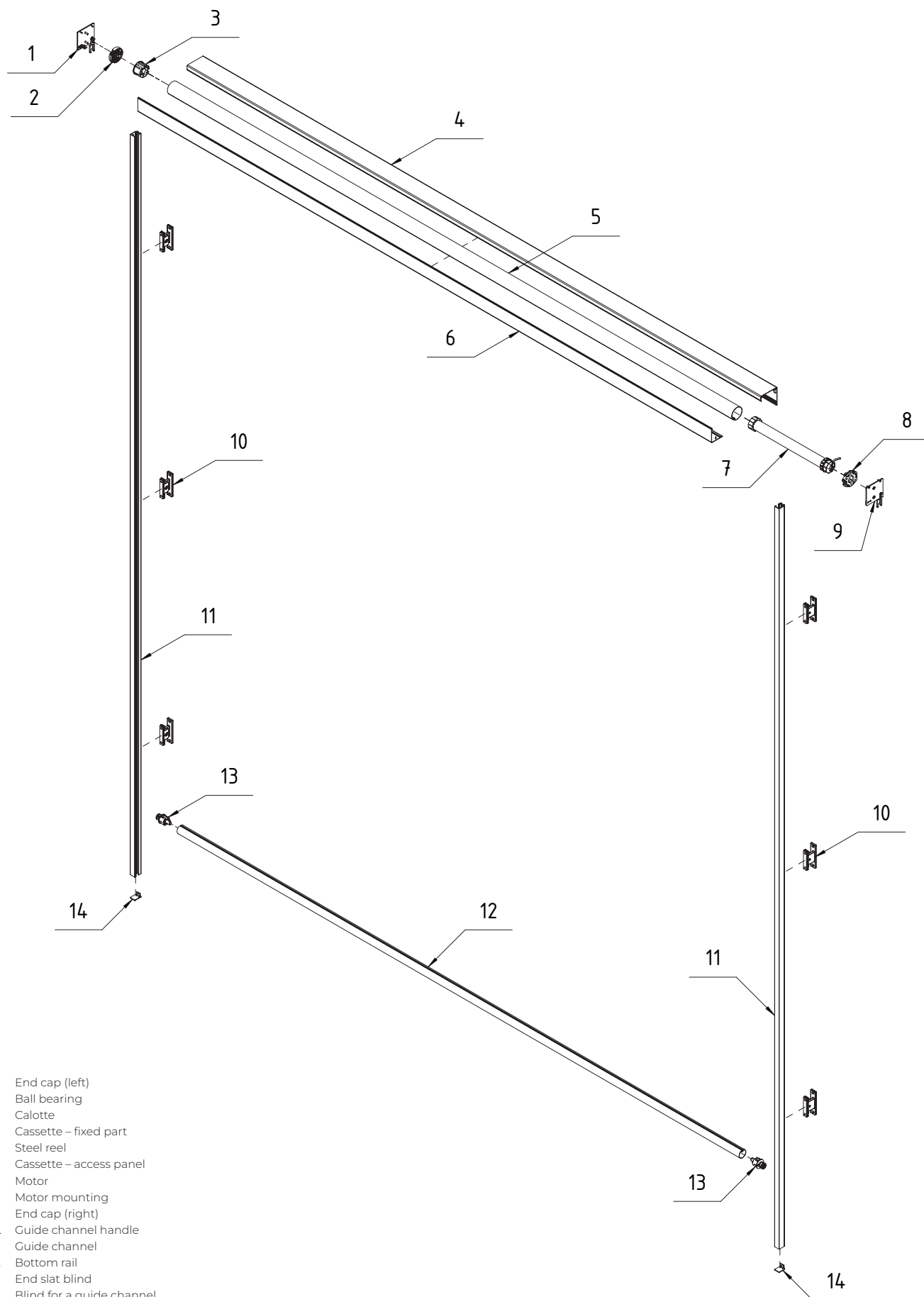
SCREEN R 95
Vertical awning, box made of extruded aluminium

APPLICATION	
· External installation	YES
· Internal installation	YES

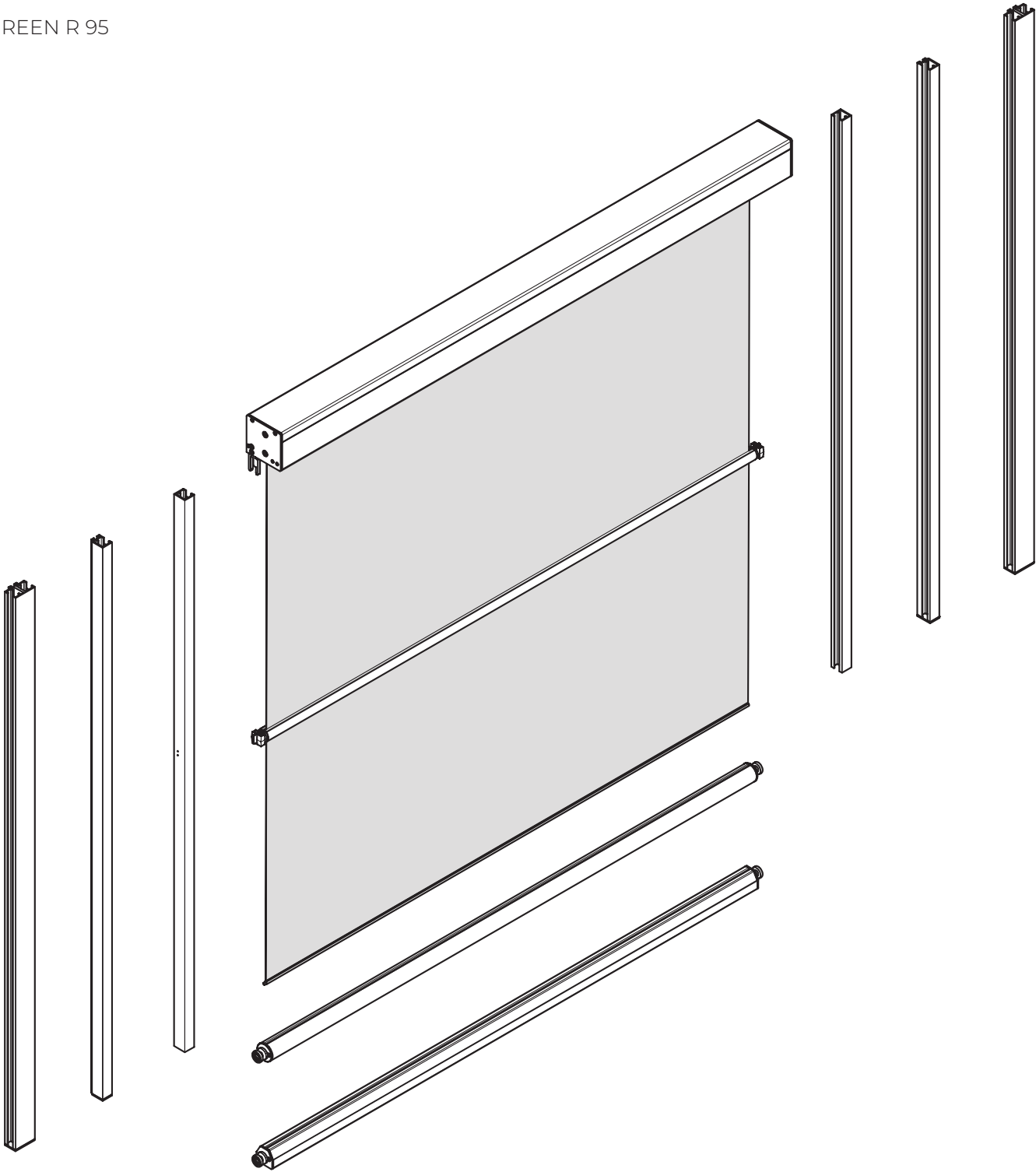
PRODUCT CHARACTERISTICS	
· Self-supporting system	
· Wide range of fabrics	

TECHNICAL PARAMETERS	
· Colour scheme	RAL
· Electric drive	YES
· Manual drive	NO
· Maximum width	3500 mm
· Maximum height	4000 mm

SCREEN R 95
Exploded view



SCREEN R 95



Ø42



GC30



FD120



GC30F

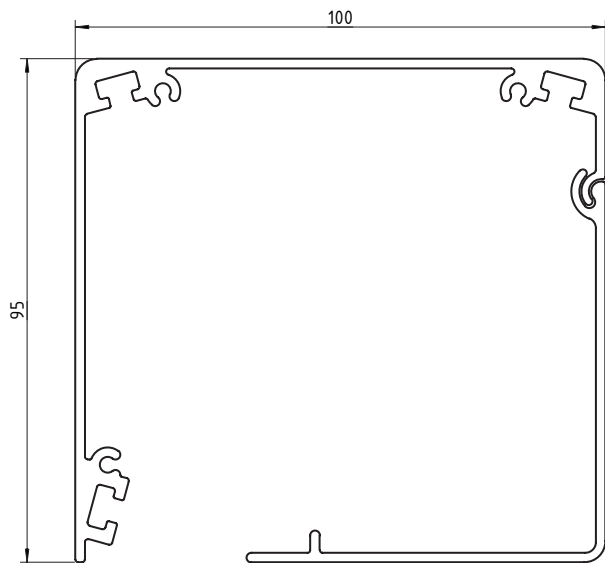


GC30FD

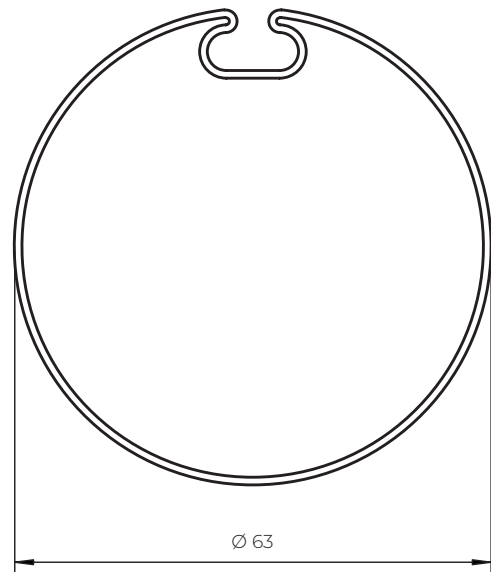
Profiles bottom beams

	Guide channels		
	GC30	GC30F	GC30FD
Ø42	✓	✓	✓
FG 120	✓	✓	✓
PPW	✓	✓	✓

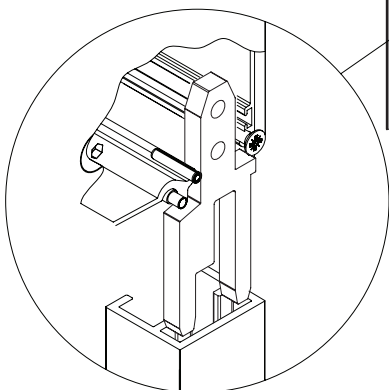
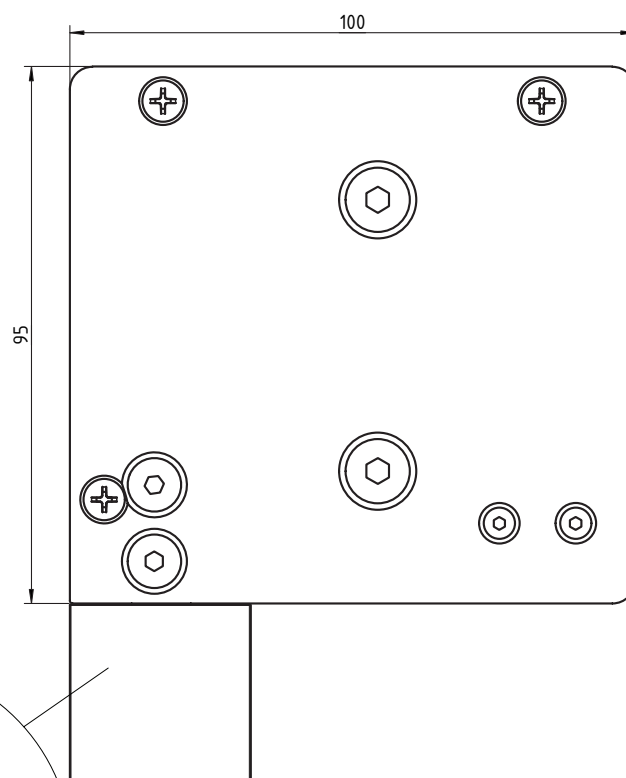
SCREEN R 95
Cassette



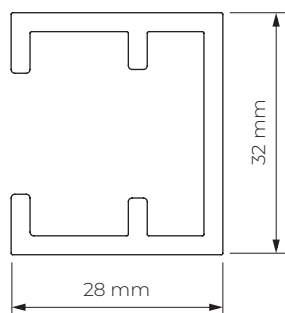
SCREEN R 95
Steel reel



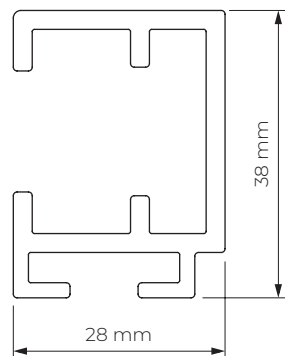
SCREEN R 95
side view



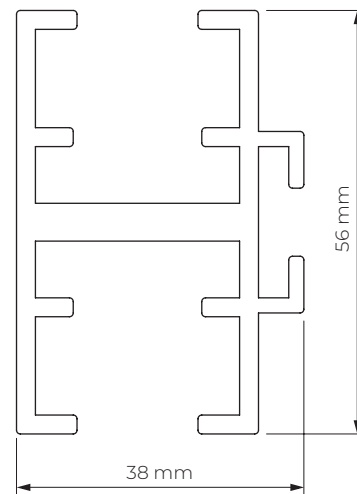
SCREEN R 95
Guide channel GC 30



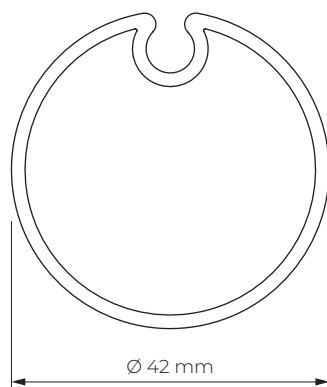
SCREEN R 95
Guide channel GC 30F



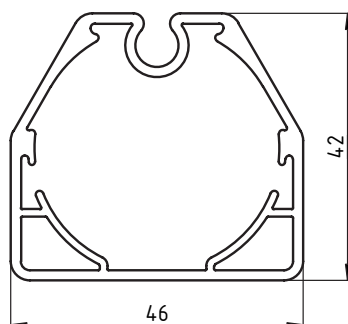
SCREEN R 95
Guide channel GC 30FD



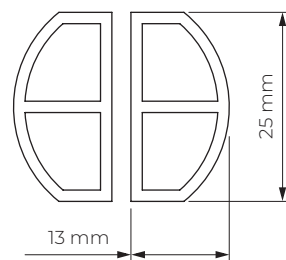
SCREEN R 95
Bottom rail Ø 42



SCREEN R 95
Bottom rail FG 120

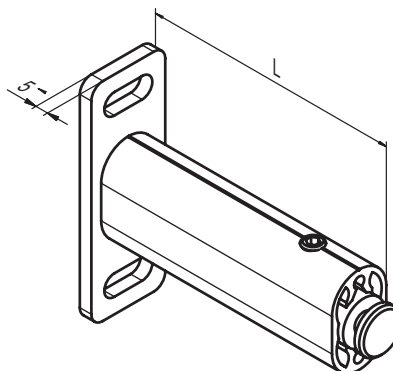


Additional profile
Wind protection profile
ANTYWIND



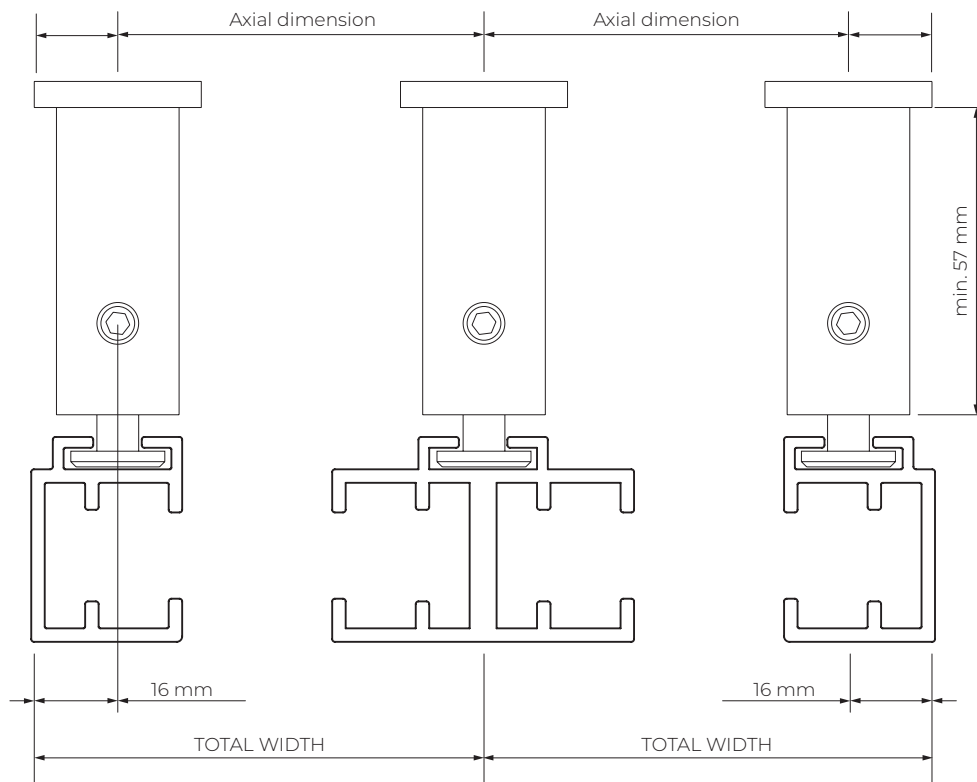
Veranda bracket for GC30F or
GC30FD track

The length "L" is selected individually depending on
installation conditions or the client's specifications
L min. = 57mm, L max. = 180mm



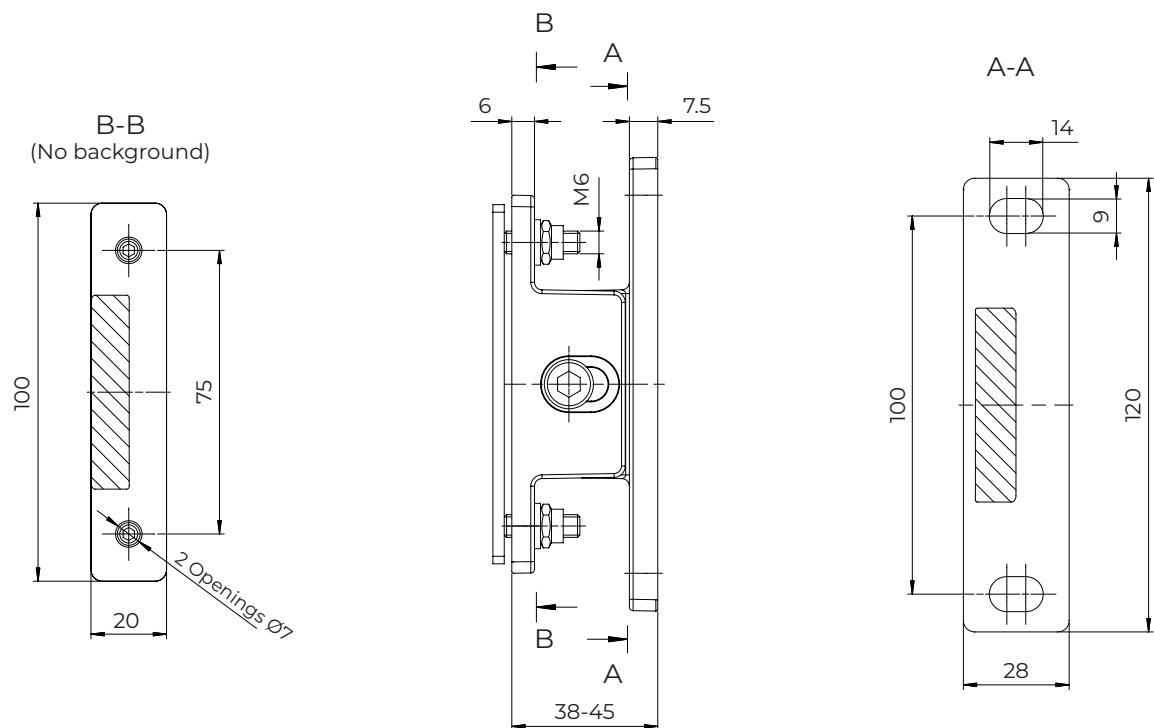
SCREEN R 95

Group installation, measurement method



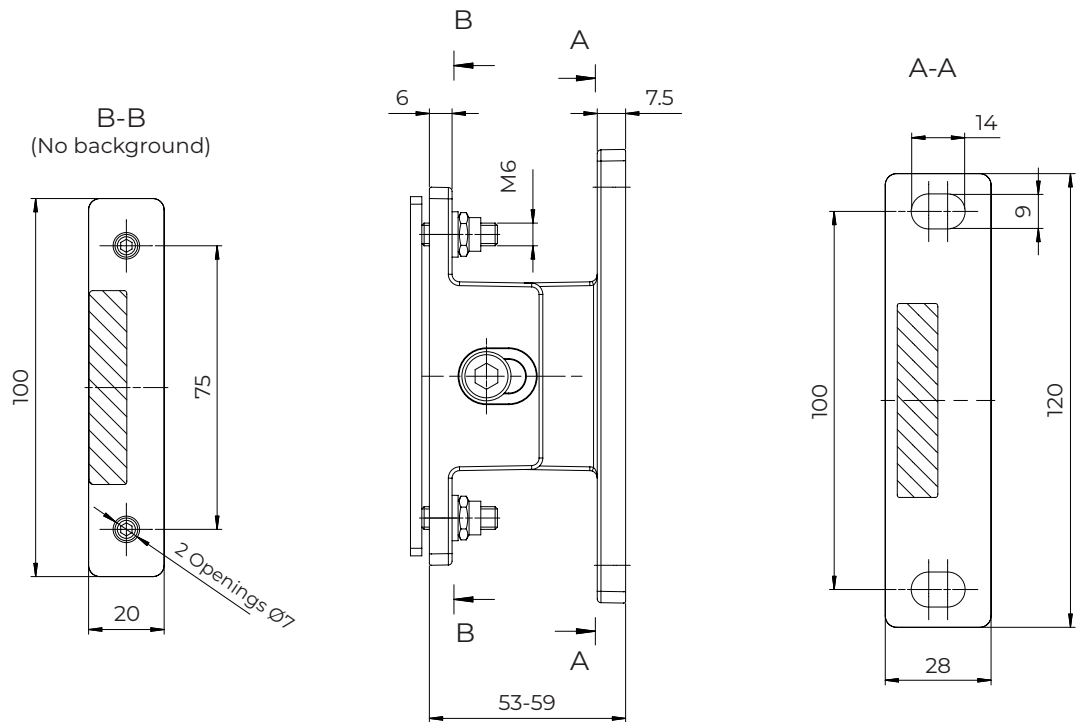
SCREEN R 95

Self-supporting adjustable handle TYPE 38-45

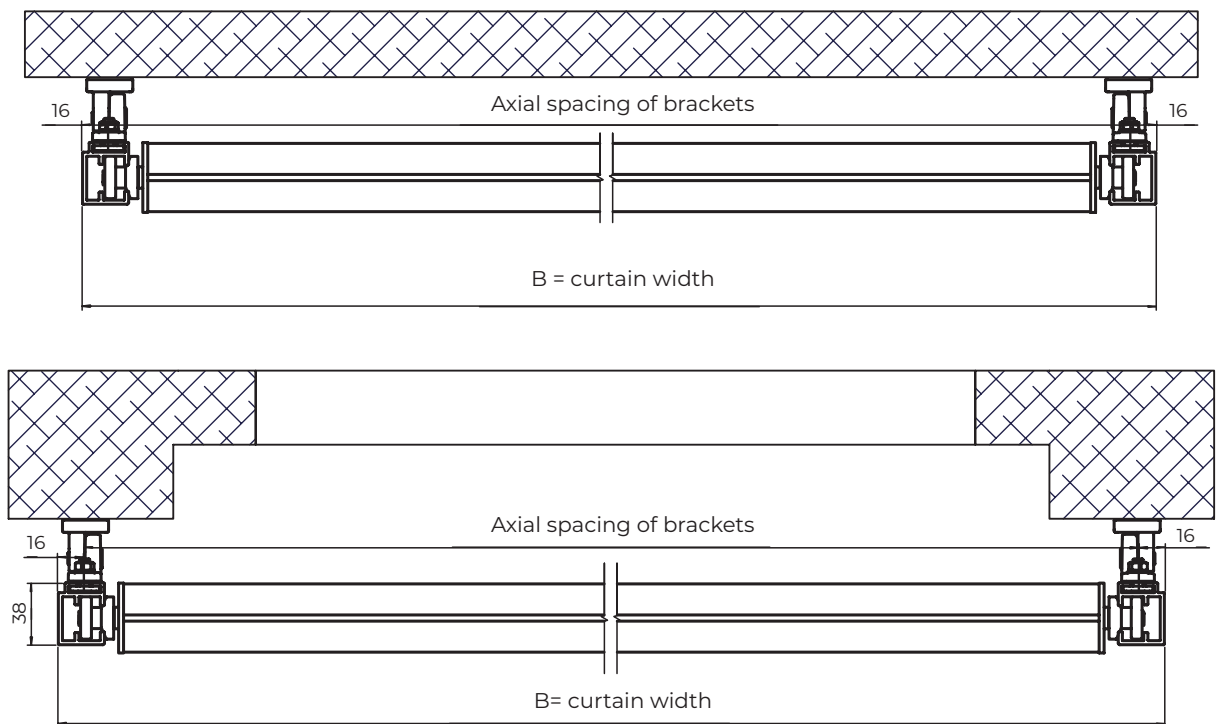


SCREEN R 95

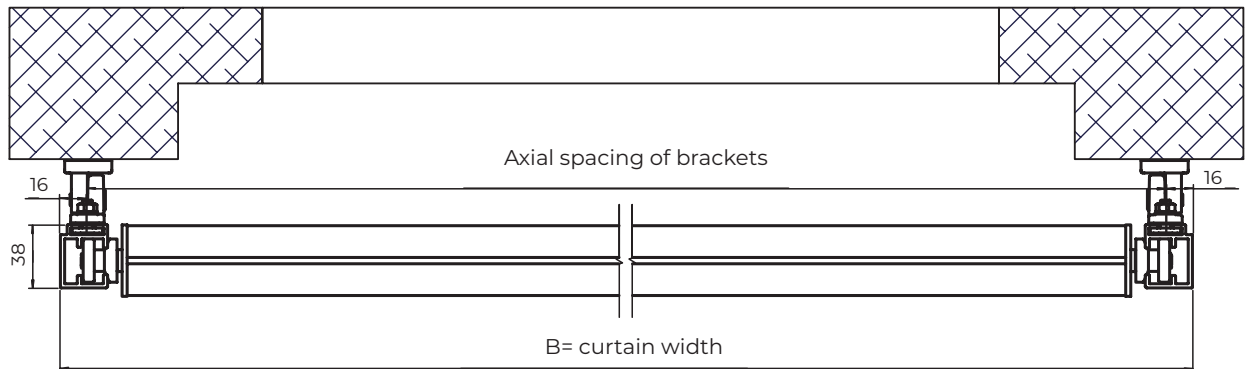
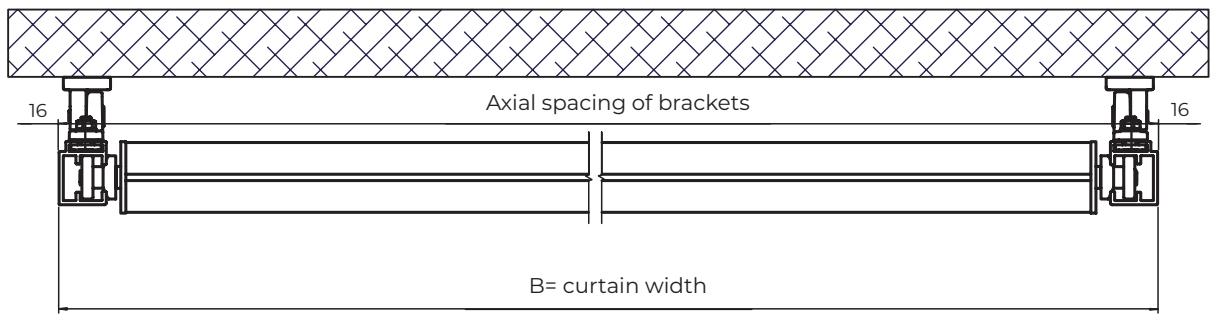
Self-supporting adjustable handle TYPE 53-59



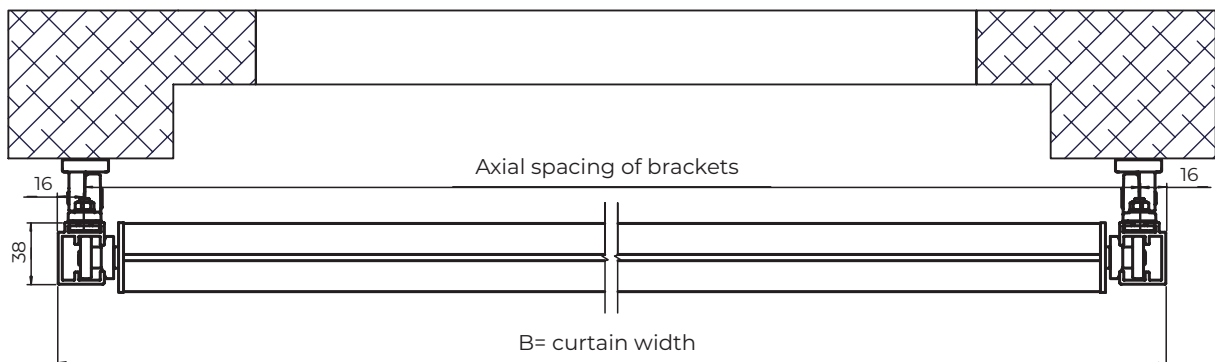
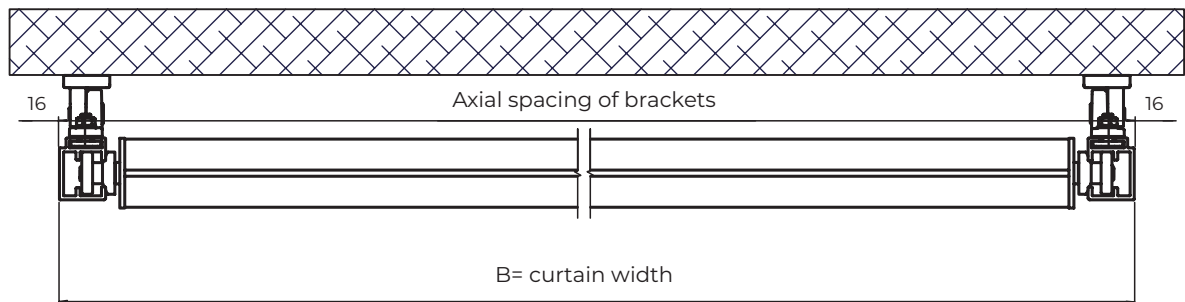
SCREEN R 95



SCREEN R 95



SCREEN R 95



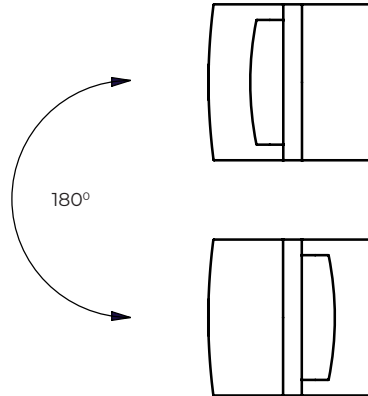
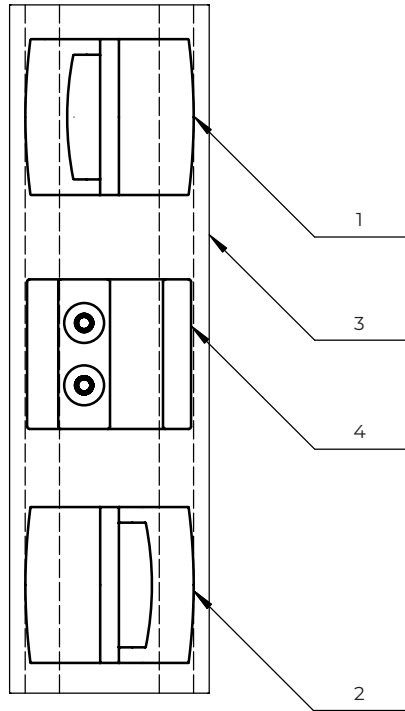
SCREEN R 95

Installation method for the ANTYWIND double beam

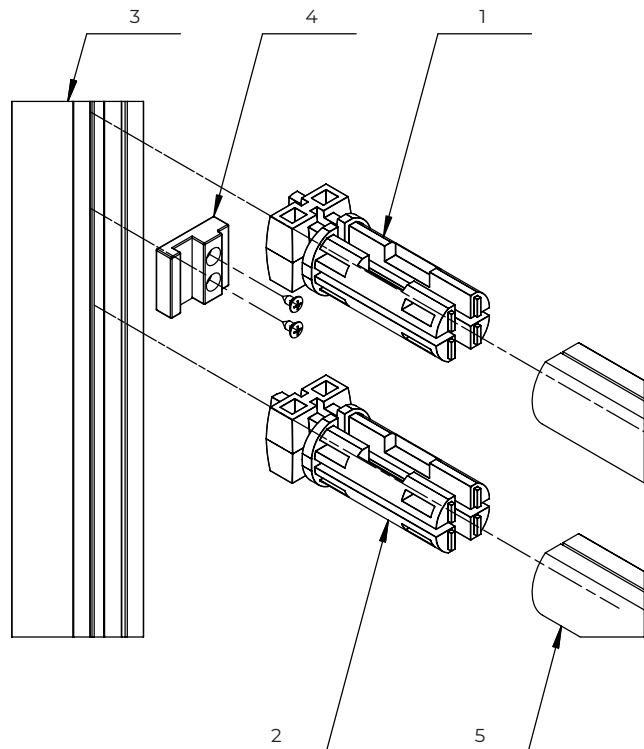
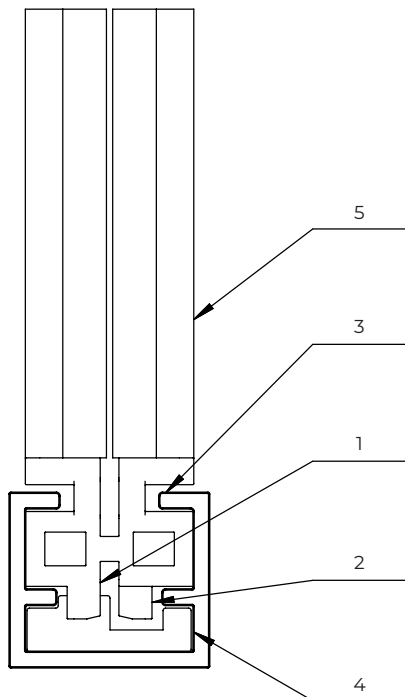
Installation of the ANTYWIND double beam involves rotating the sliders 180 degrees relative to each other in the GC30 guide, allowing the lower wind-resistant beam to bypass the ANTYWIND lock

GC30 and GC30F or GC30FD guides (self-supporting system) with a lower beam $\varnothing 42$ and optional wind brace (for a maximum width of 300 cm).

Number of wind brace sets: up to 250 cm height – 1 set of braces, over 250 cm height – 2 sets of braces.



1. Anti-wind bar slider for GC30 (top)
2. Anti-wind bar slider for GC30 (lower)
3. Guide channel GC30
4. Anti-lift lock
5. Wind brace



SCREEN R 90

SCREEN R 90
Vertical awning, box made of extruded aluminium

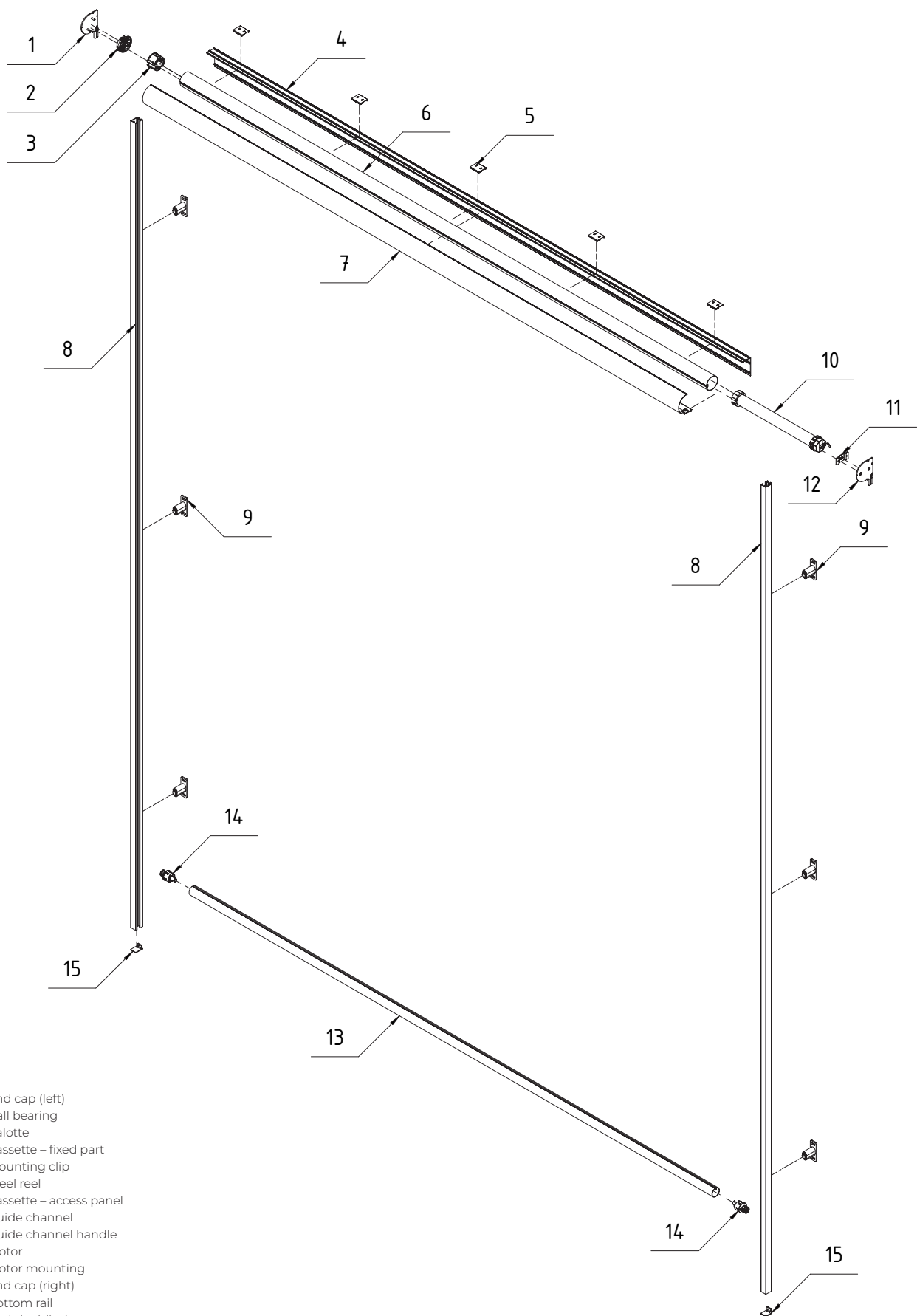
APPLICATION	
· External installation	YES
· Internal installation	YES

PRODUCT CHARACTERISTICS	
· Wide range of fabrics	

TECHNICAL PARAMETERS	
· Colour scheme	RAL
· Electric drive	YES
· Manual drive	YES
· Maximum width	3000 mm (Wire 3000 mm)
· Maximum height	4000 mm (Wire 3000 mm)

SCREEN R 90

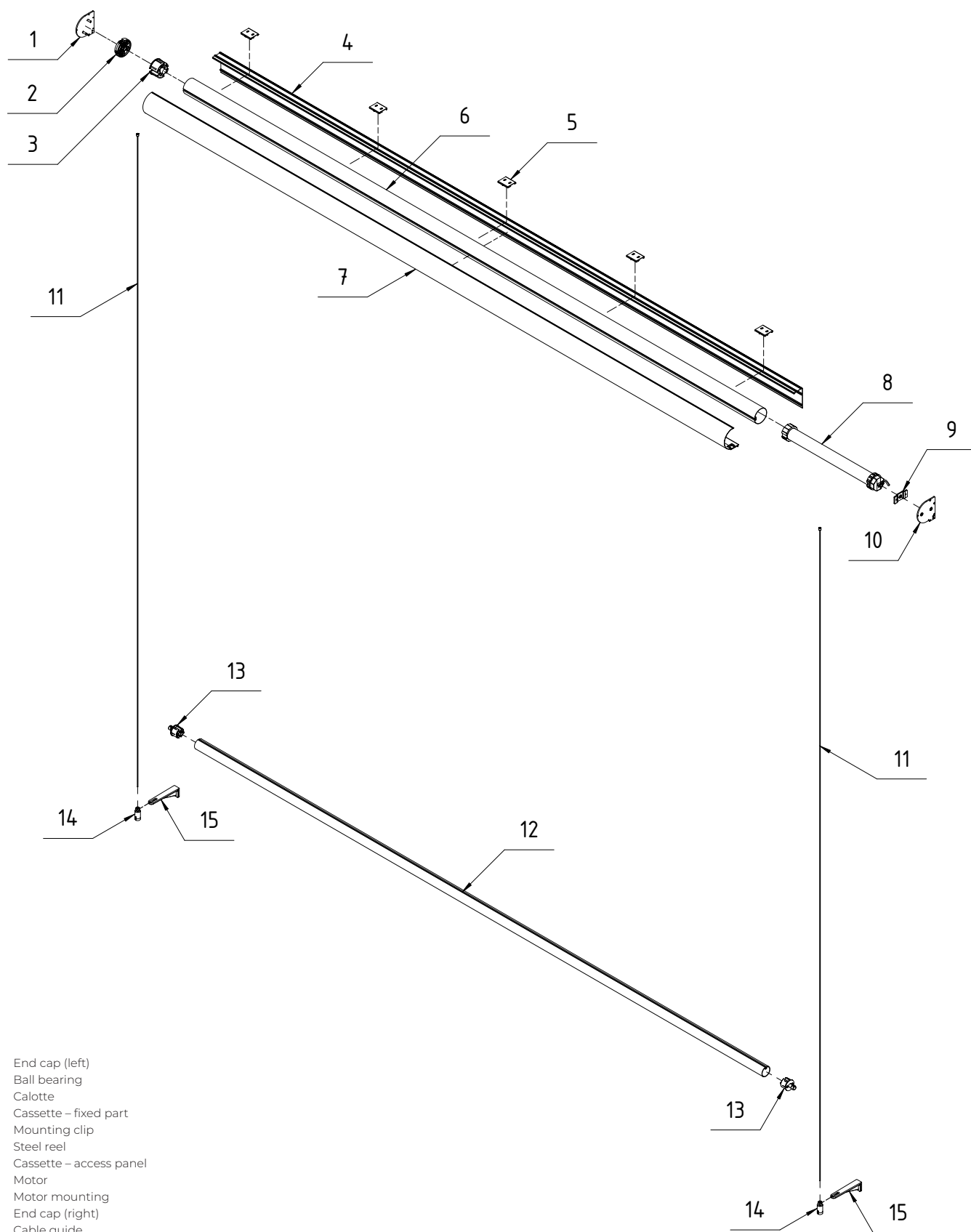
Exploded view - Guide channels



1. End cap (left)
2. Ball bearing
3. Calotte
4. Cassette – fixed part
5. Mounting clip
6. Steel reel
7. Cassette – access panel
8. Guide channel
9. Guide channel handle
10. Motor
11. Motor mounting
12. End cap (right)
13. Bottom rail
14. End slat blind
15. Blind for a guide channel

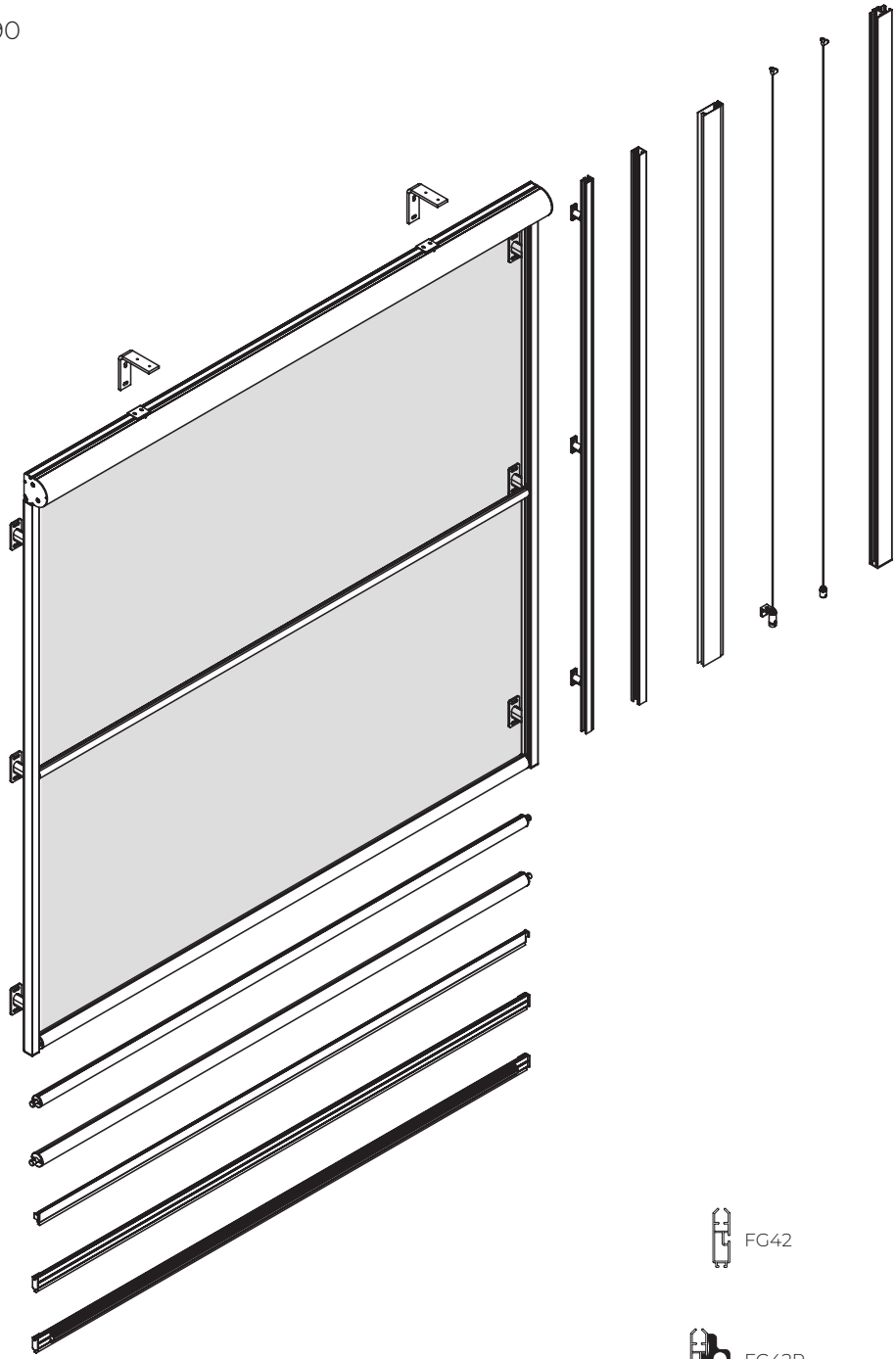
SCREEN R 90

Exploded view - Wire



1. End cap (left)
2. Ball bearing
3. Calotte
4. Cassette – fixed part
5. Mounting clip
6. Steel reel
7. Cassette – access panel
8. Motor
9. Motor mounting
10. End cap (right)
11. Cable guide
12. Bottom rail
13. End slat blind
14. Cable tensioner
15. Cable mounting

SCREEN R 90



Guide channels

	Cable guide Ø2,5 mm	G31	G80	GC30	GC30F	GC30FD	None
bottom beams	FG42		✓				✓
	FG42R		✓				
	FP33	✓					✓
	R85						
	Ø35	✓					✓
additional profiles	Ø42	✓		✓	✓	✓	✓
	PPW			✓	✓	✓	



FG42



FG42R



FP33



Wind protection
profile
ANTYWIND



Ø35



Ø42

Cable guide
Ø2,5



G31



G80



GC30

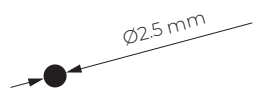


GC30F

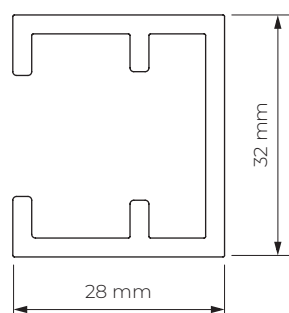


GC30FD

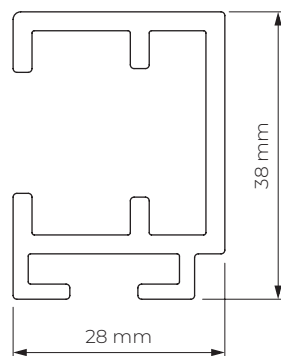
SCREEN R 90
Cable guide



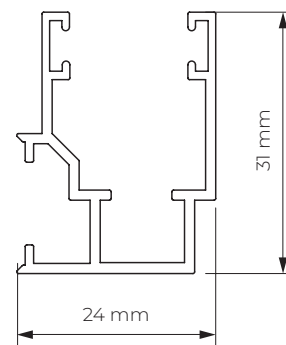
SCREEN R 90
Guide channel GC 30



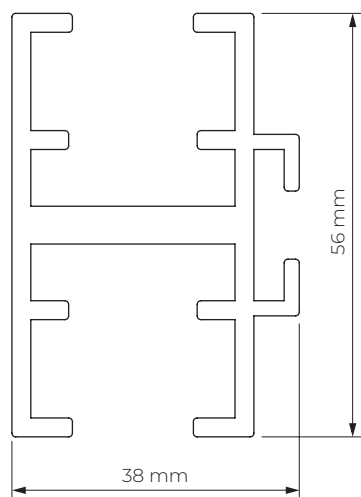
SCREEN R 90
Guide channel GC 30F



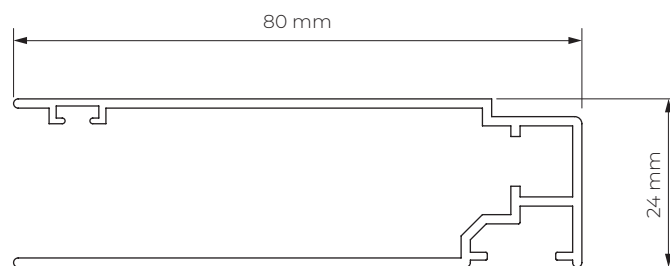
SCREEN R 90
Guide channel G 31



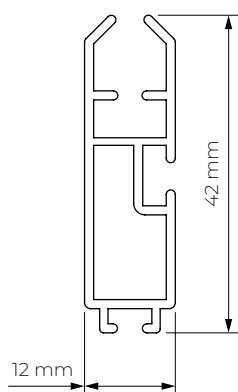
SCREEN R 90
Guide channel GC 30FD



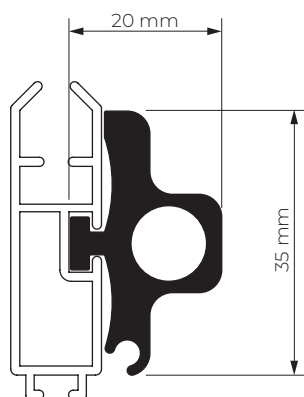
SCREEN R 90
Guide channel G 80



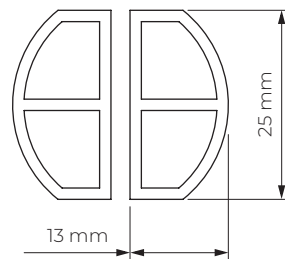
SCREEN R 90
Bottom rail FG 42



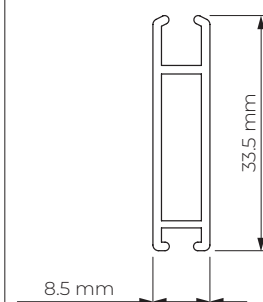
SCREEN R 90
Reinforcement profile FG42R



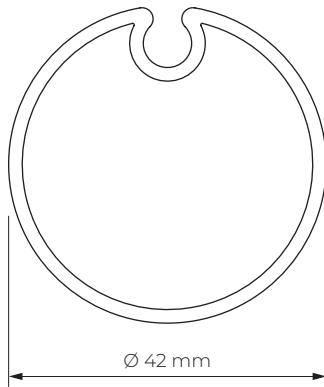
SCREEN R 90
Wind protection profile
ANTYWIND



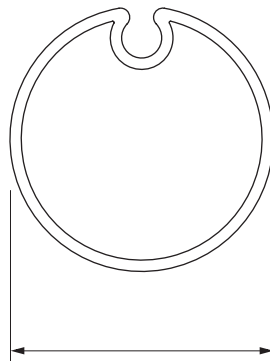
SCREEN R 90
Bottom rail FP 33



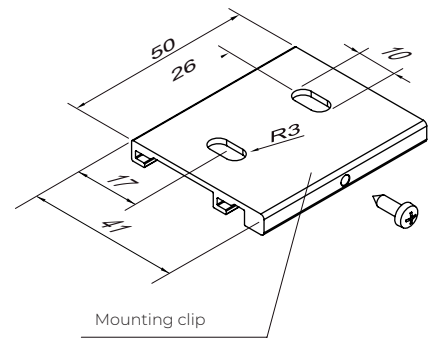
SCREEN R 90
Bottom rail Ø 42



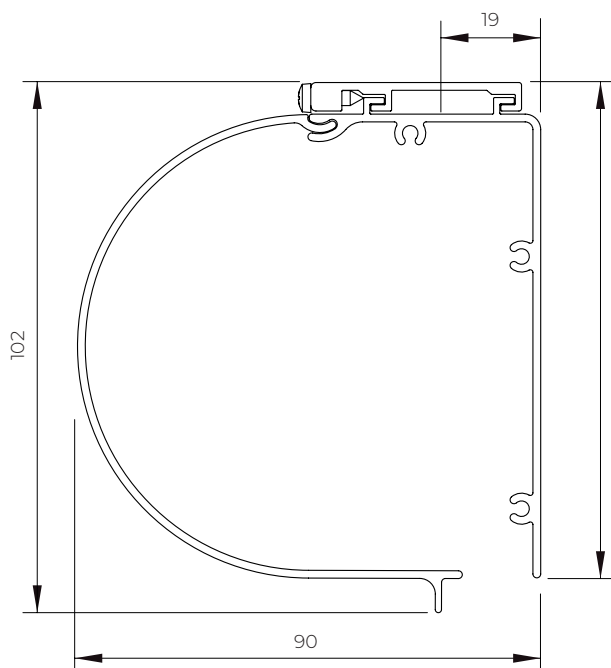
SCREEN R 90
Bottom rail Ø 35



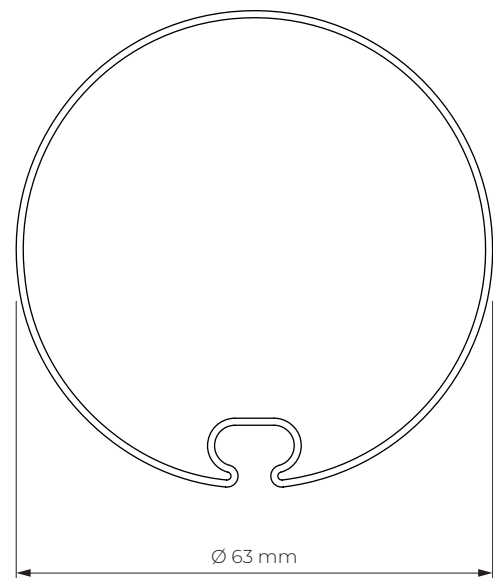
SCREEN R 90
Mounting clip



SCREEN R 90
Cassette – cross-sectionj

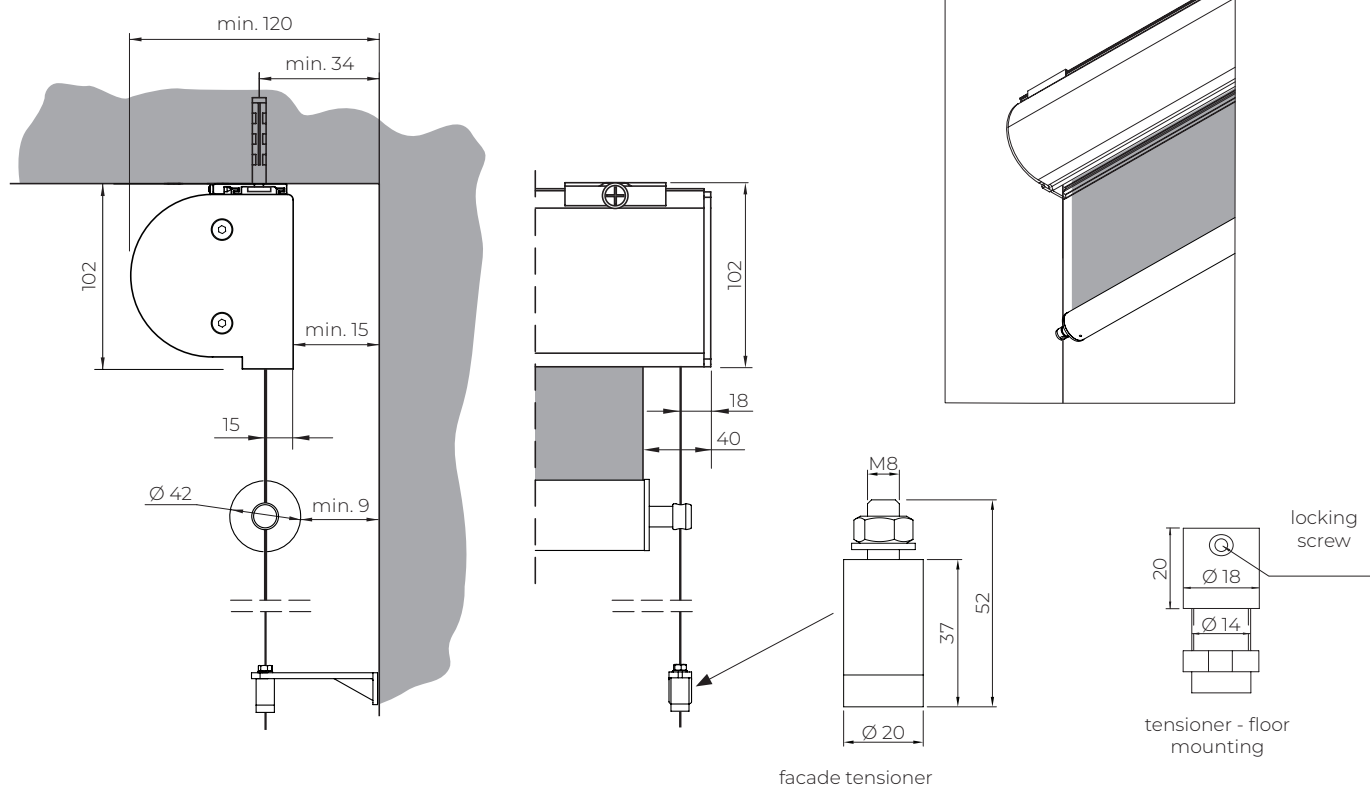


SCREEN R 90
Steel reel Ø 63



SCREEN R 90

Ceiling installation - Cable guides



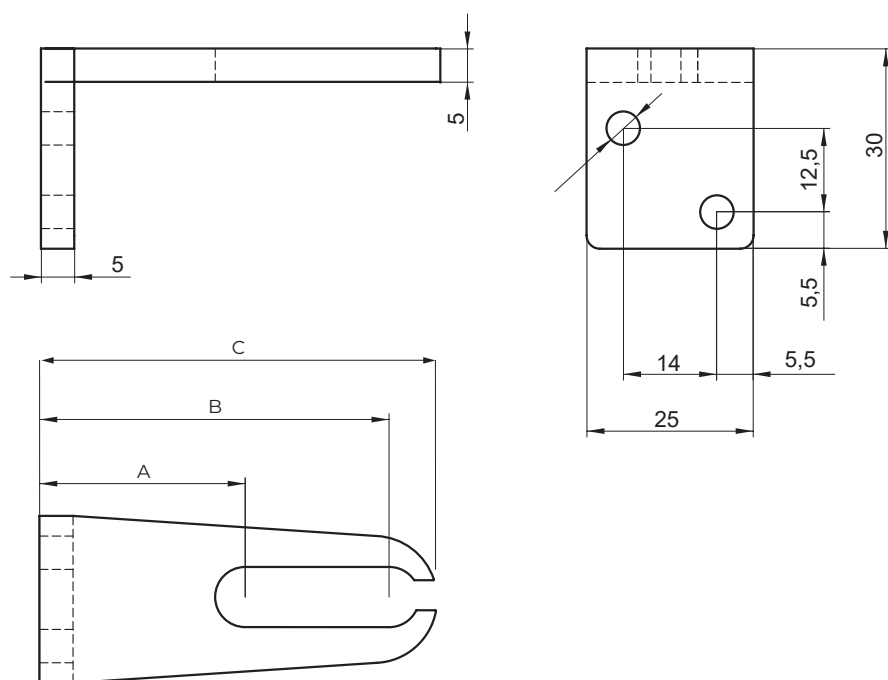
SCREEN R 90

Cable mounting brackets

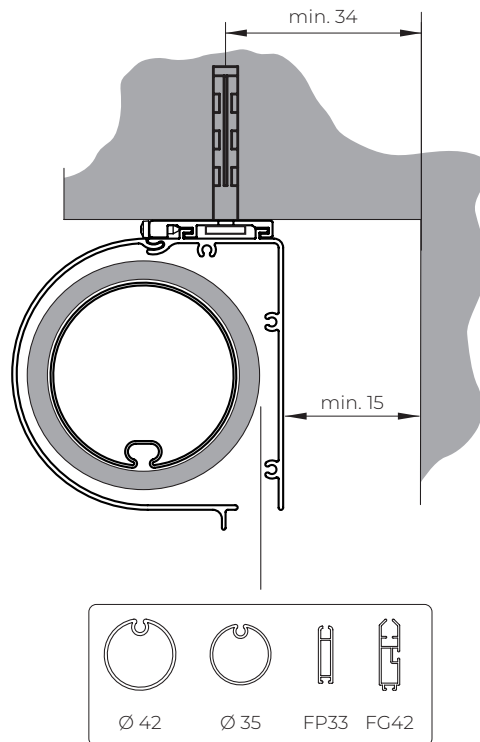
Cable mounting brackets available in sizes:

A	B	C
15mm*	36mm*	46mm
29mm	50mm	60mm
55mm	76mm	86mm
83mm	104mm	114mm
111mm*	132mm*	142mm
139mm*	160mm*	170mm

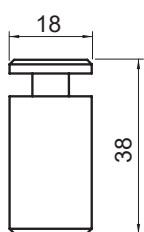
* made to order, longer lead times.



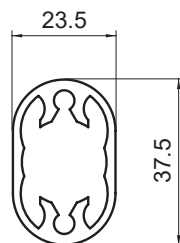
SCREEN R 90
Ceiling installation



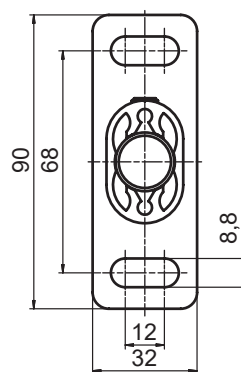
SCREEN R 90
Veranda bracket for GC30F or GC30FD guide rails



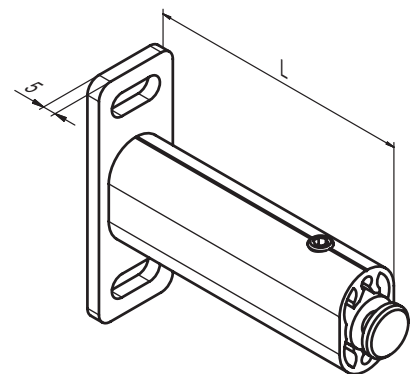
PIN



EXTRUDER



STOPPER

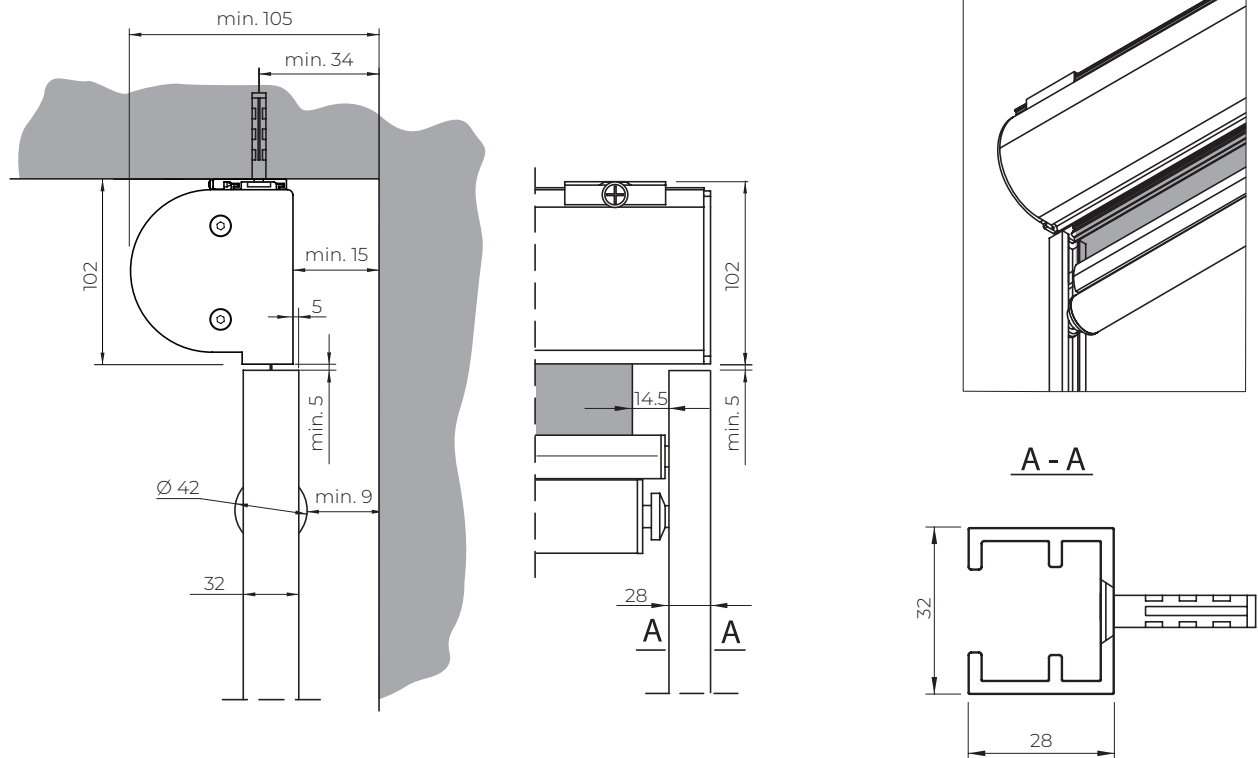


GRIP

The length "L" is selected individually depending on installation conditions or the client's specifications
L min. = 57mm, L max. = 180mm

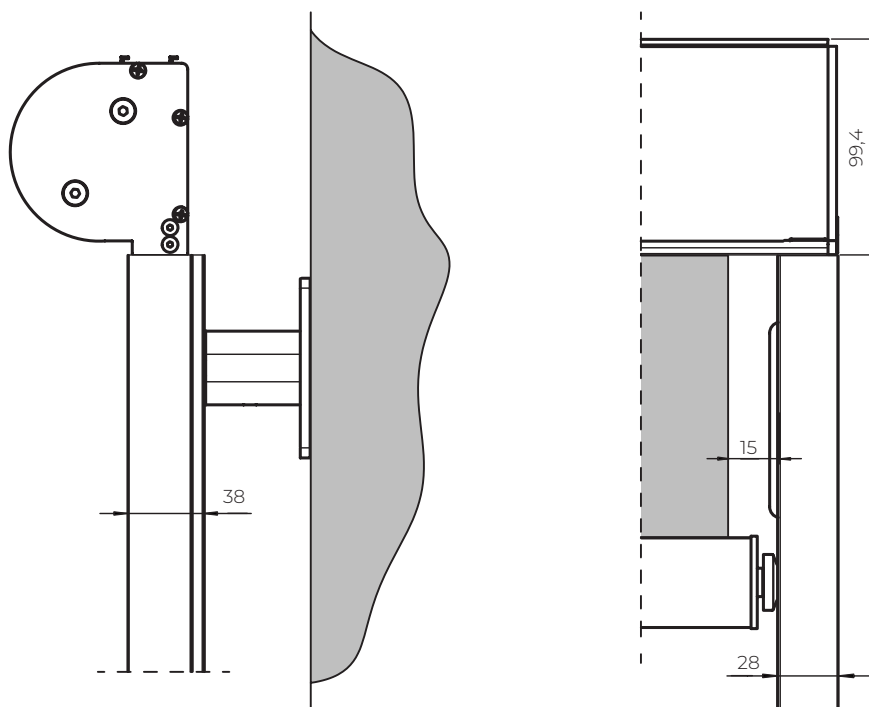
SCREEN R 90

Recessed installation – guides GC30



SCREEN R 90

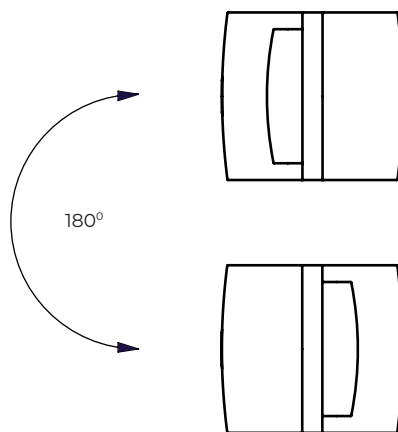
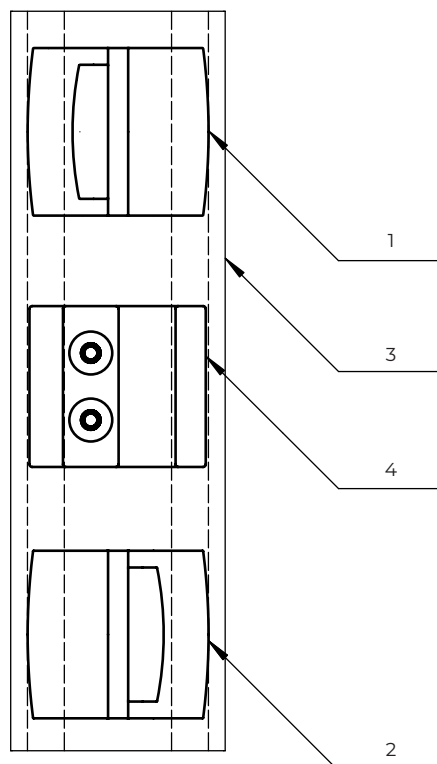
Facade installation - runners GC 30F/30FD
Cassette with mounting clips



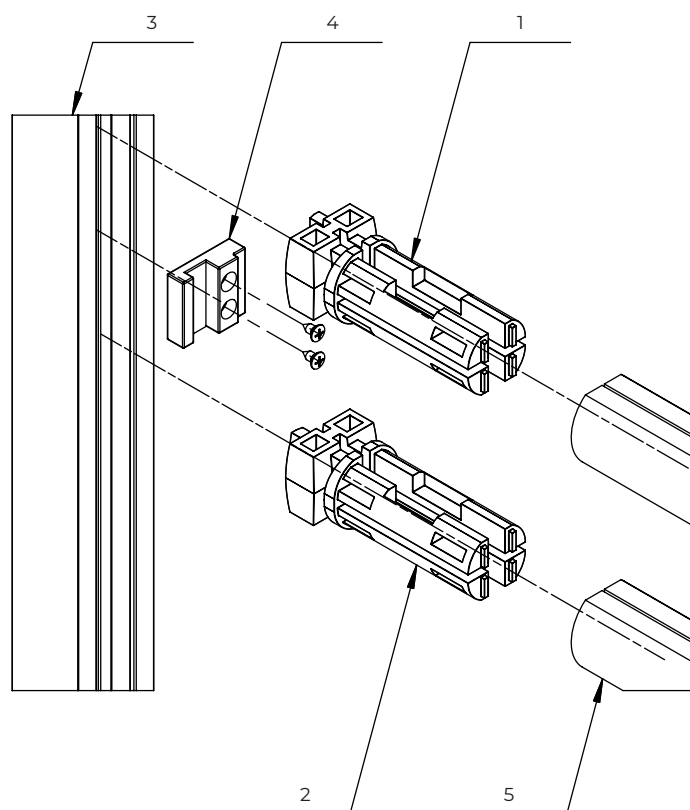
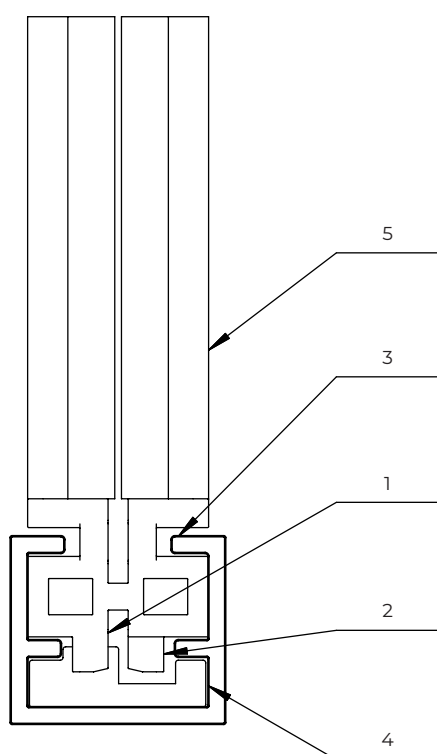
SCREEN R 90

Installation method for the ANTIWIND double beam

Installation of the double ANTIWIND bar involves rotating the sliders 180° relative to each other in the GC30 guide, allowing the lower wind-resistant bar to bypass the ANTIWIND lock

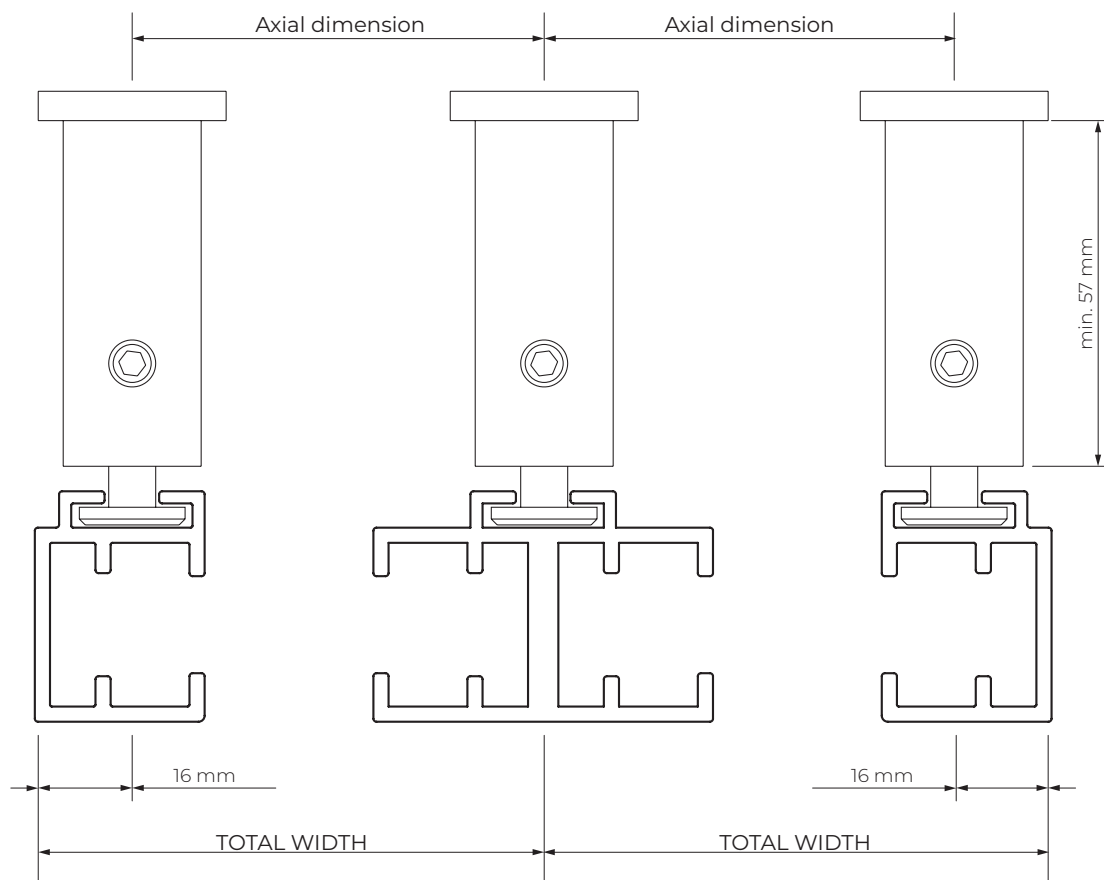


1. Anti-wind bar slider for GC30 (top)
2. Anti-wind bar slider for GC30 (lower)
3. Guide channel GC30
4. Anti-lift lock
5. Wind brace



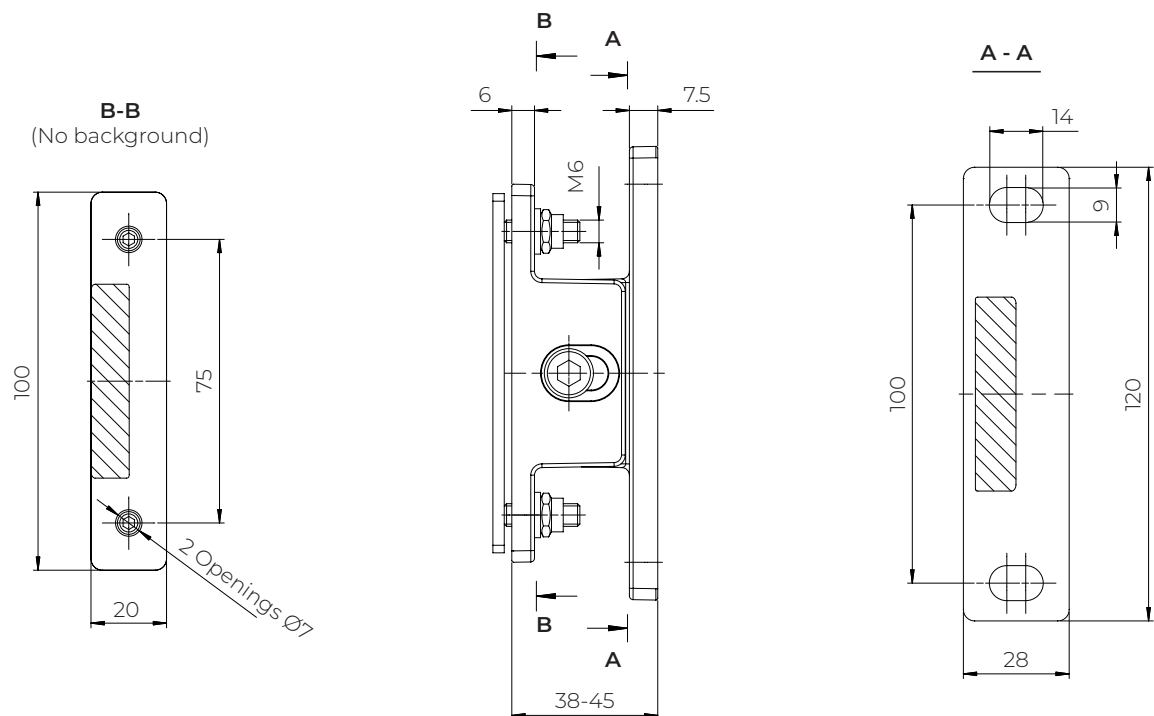
SCREEN R 90

Group installation, measurement method



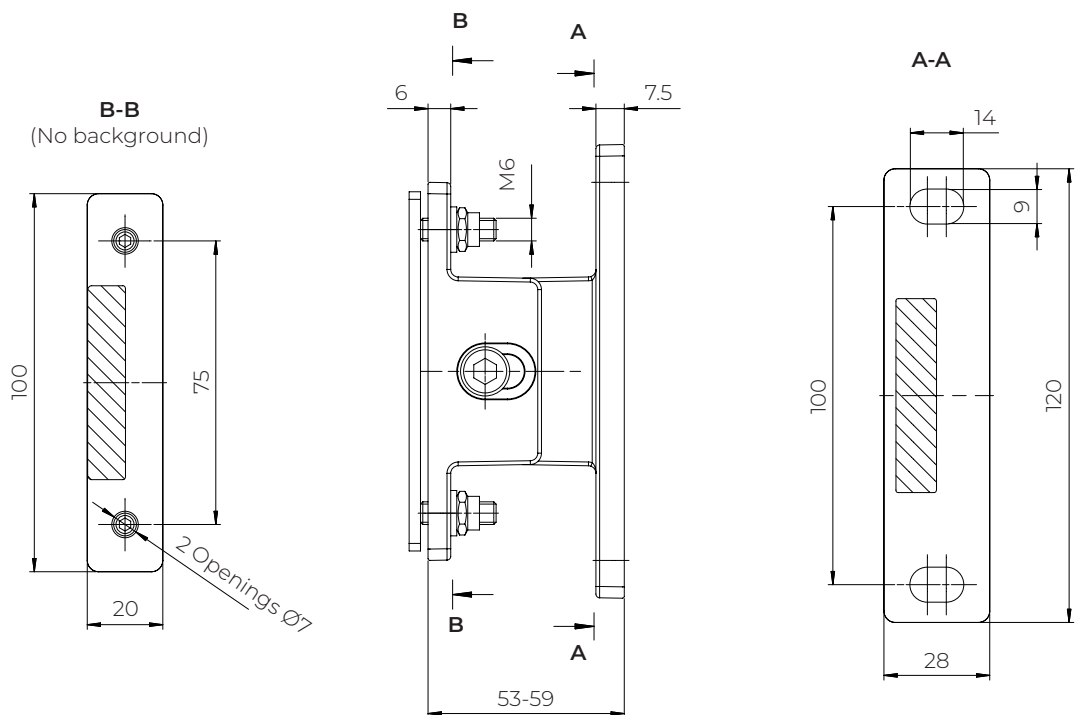
SCREEN R 90

Self-supporting adjustable handle TYPE 38-45



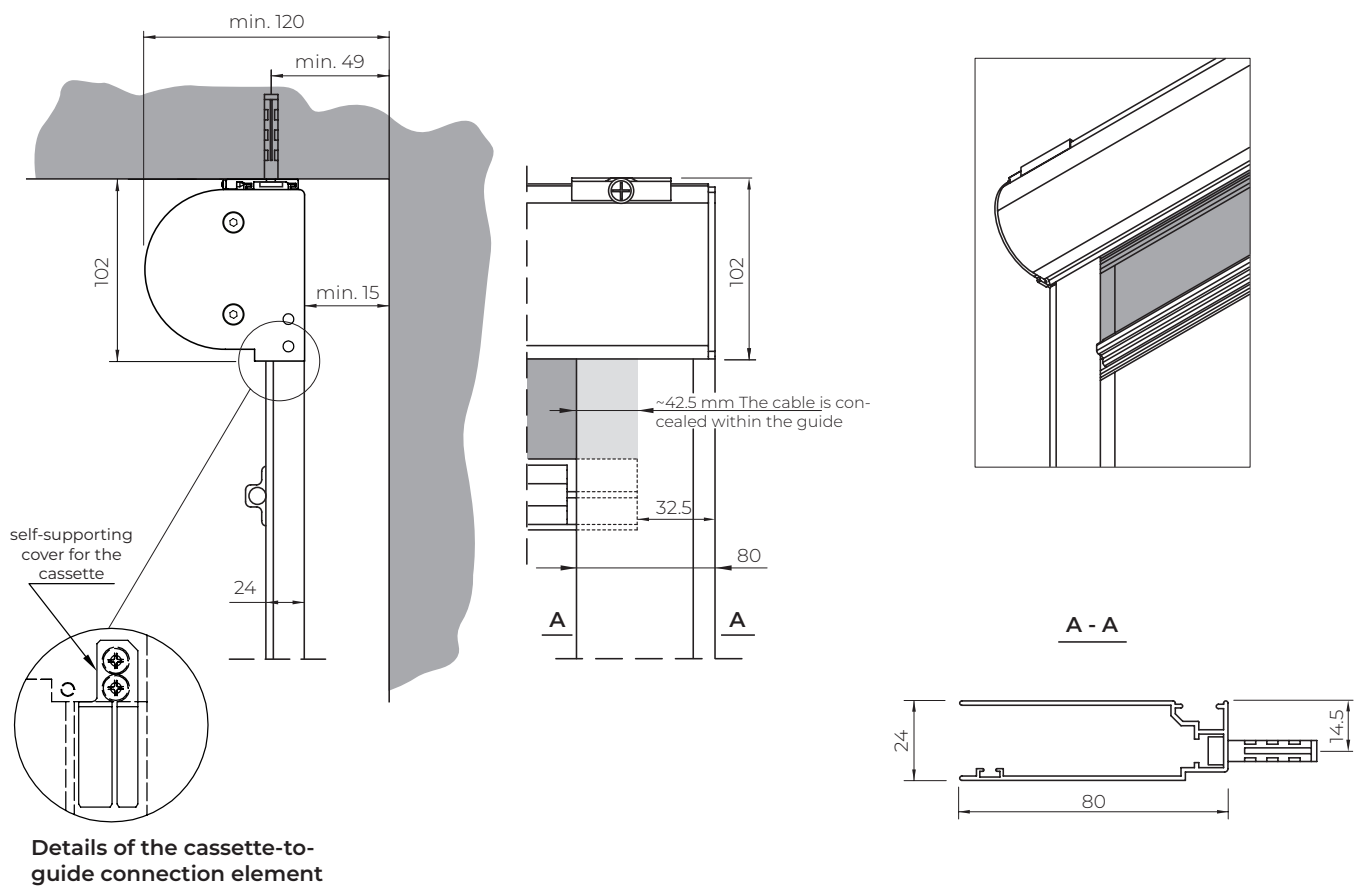
SCREEN R 90

Self-supporting adjustable handle TYPE 53-59



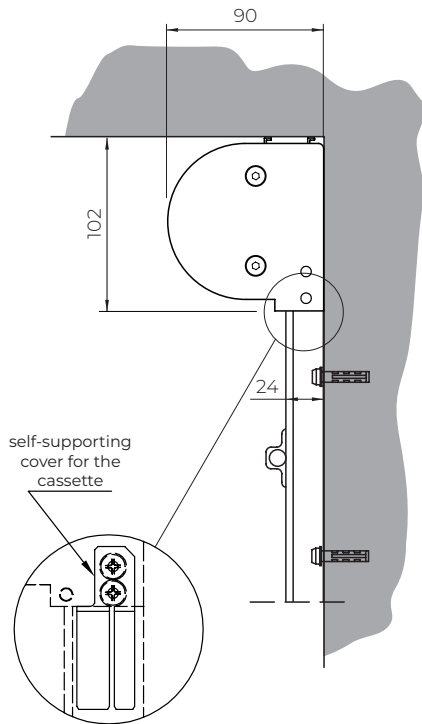
SCREEN R 90

Recessed installation – G80 rails (for internal installation only)

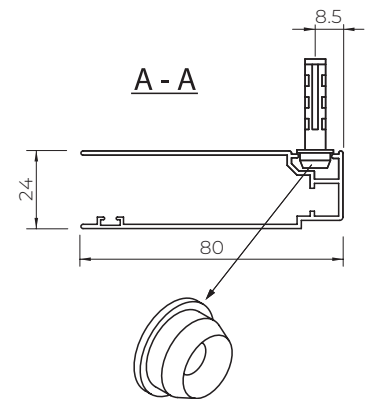
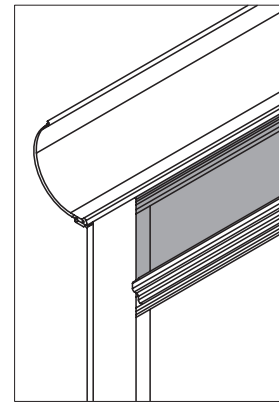
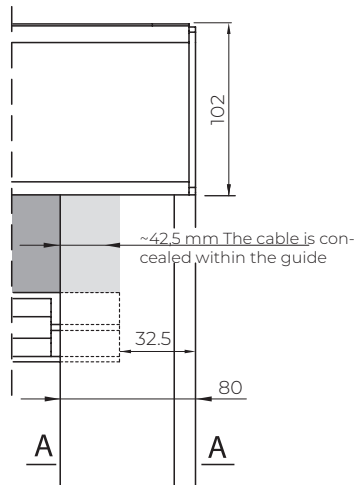


SCREEN R 90

Direct wall mounting – G80 rails (for indoor installation only)

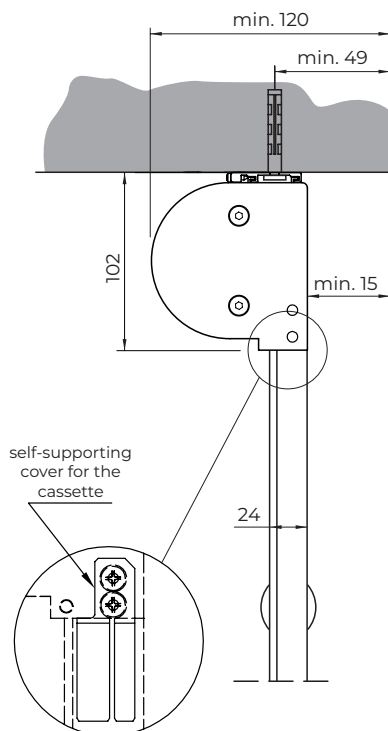


Details of the cassette-to-guide connection element

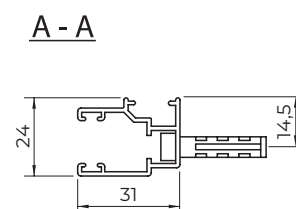
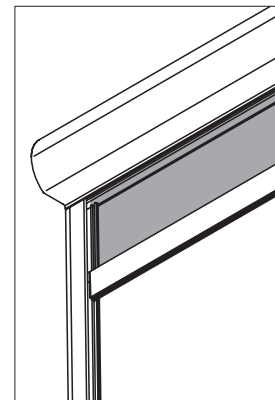
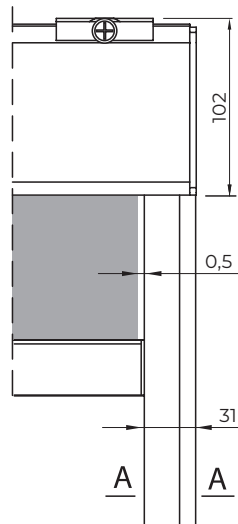


SCREEN R 90

Guide channel G31

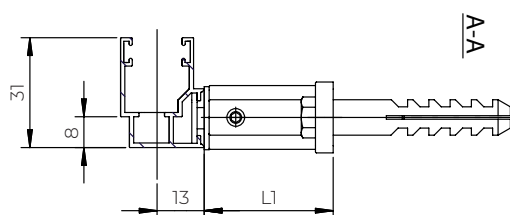
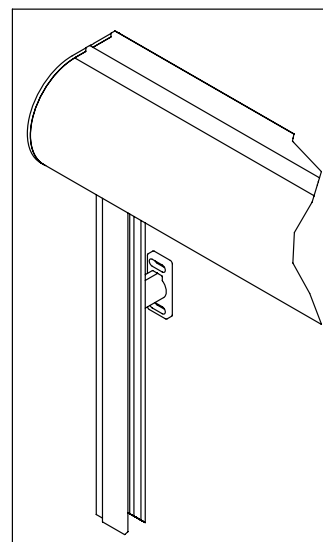
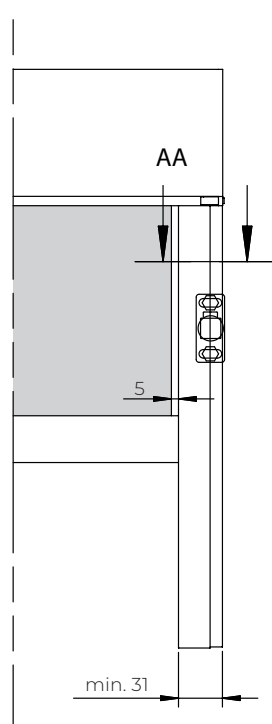
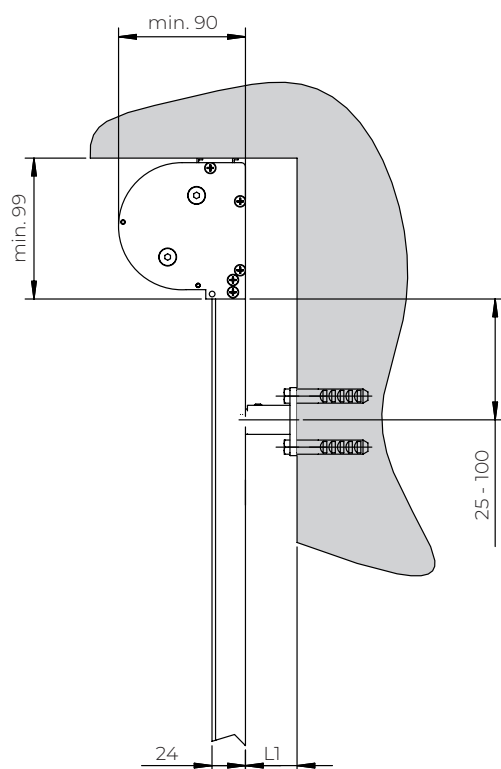


Details of the cassette-to-guide connection element



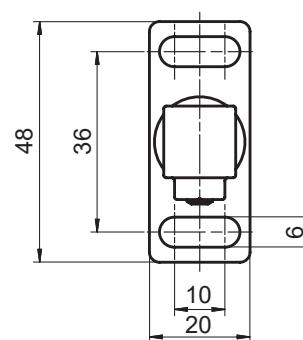
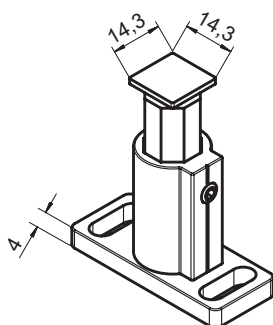
SCREEN R 90

Direct wall mounting – G31 runners (Mounting on round telescopic brackets)



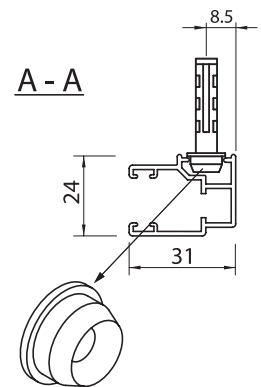
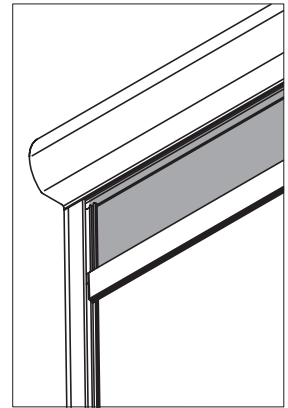
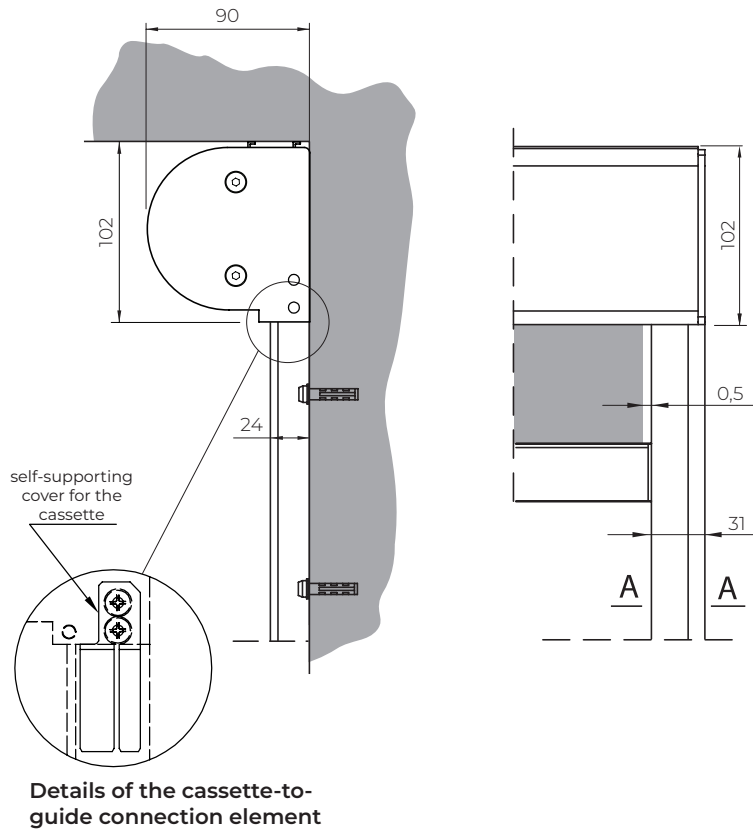
TYP 3*
50÷70
75÷120

GUIDE CHANNEL HANDLE



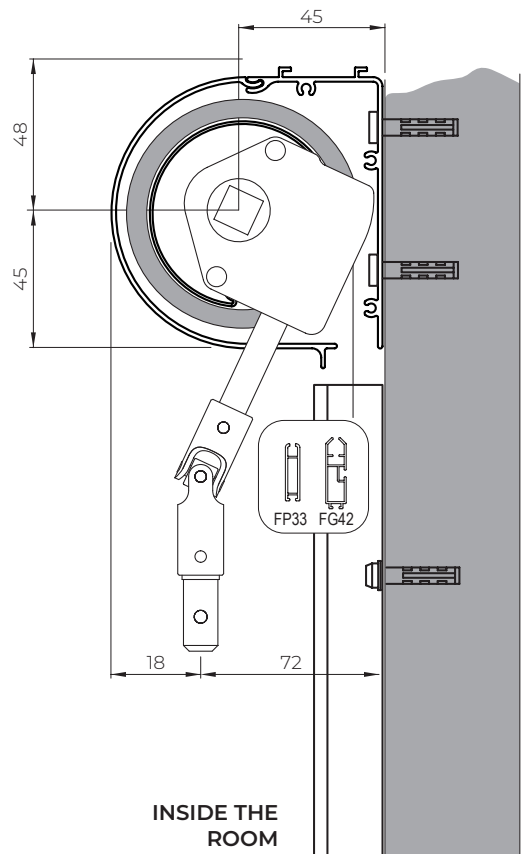
SCREEN R 90

Direct wall mounting – G31 runners (Mounting on runner clips)



SCREEN R 90

Internal installation directly to the wall

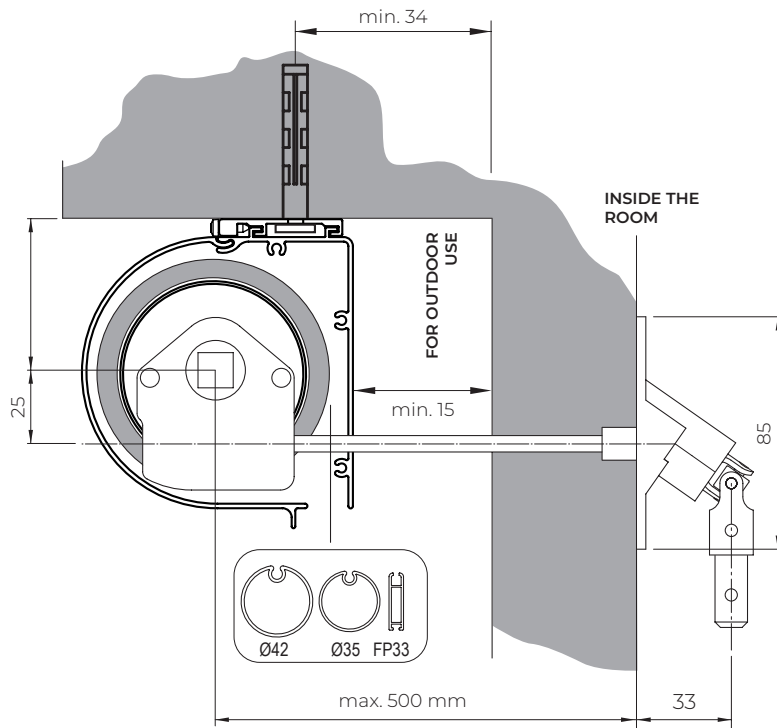


FOR OUTDOOR USE

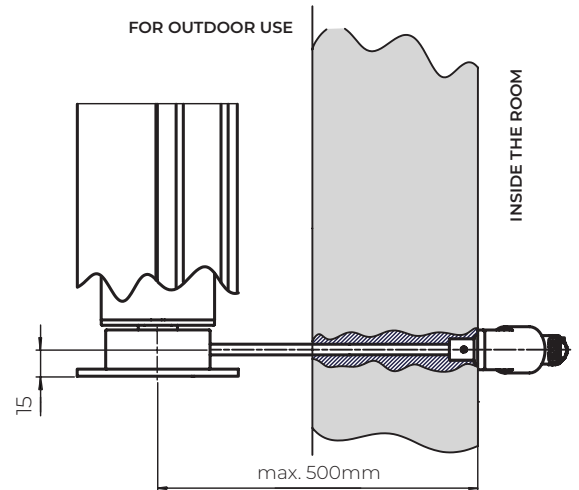
SCREEN R 90

External ceiling mounting – crank drive with grommet

Front view

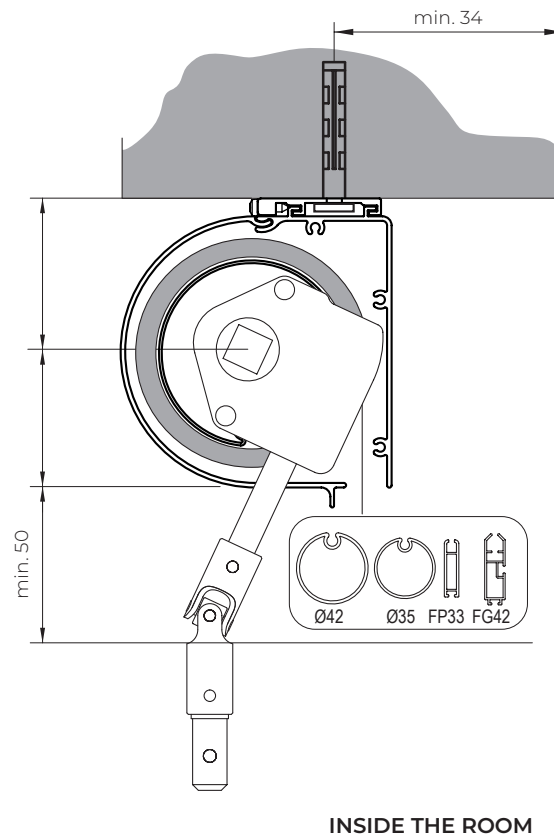


Top view



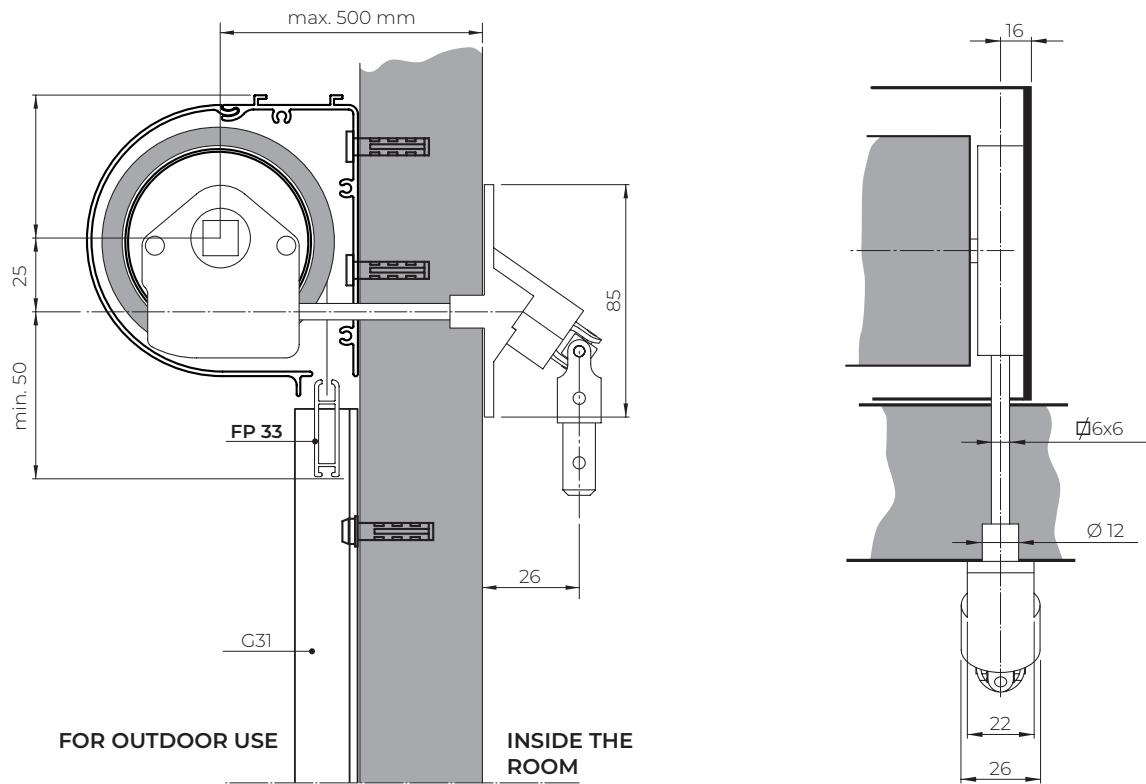
SCREEN R 90

Internal ceiling installation – crank drive



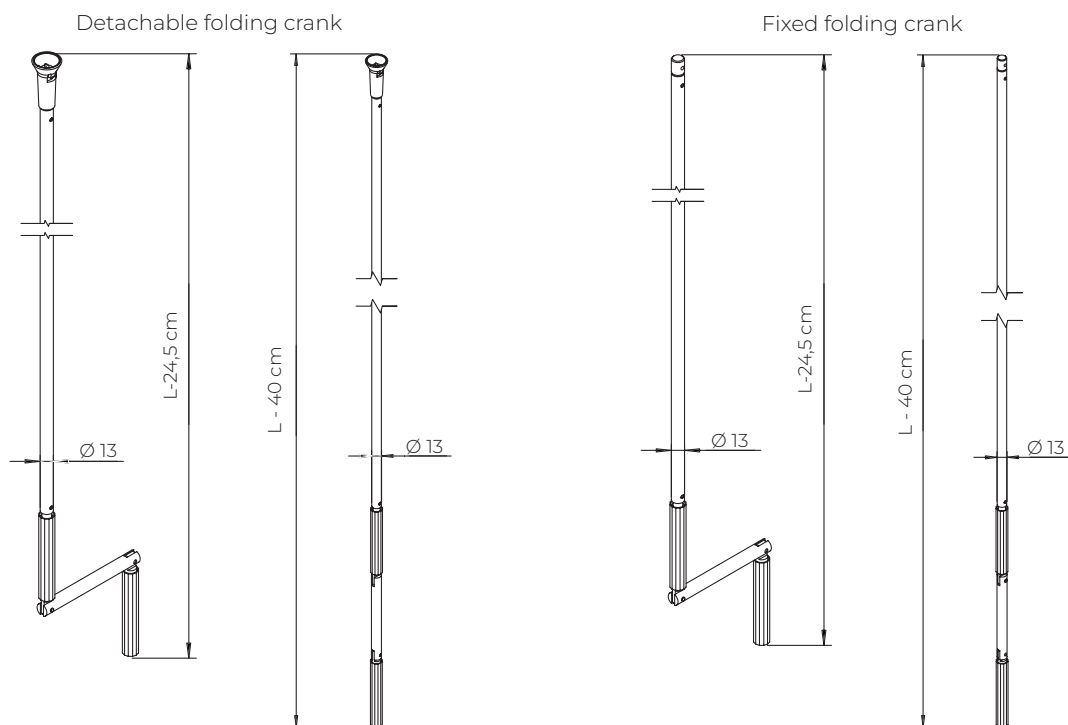
SCREEN R 90

External installation directly to the wall – crank drive with grommet



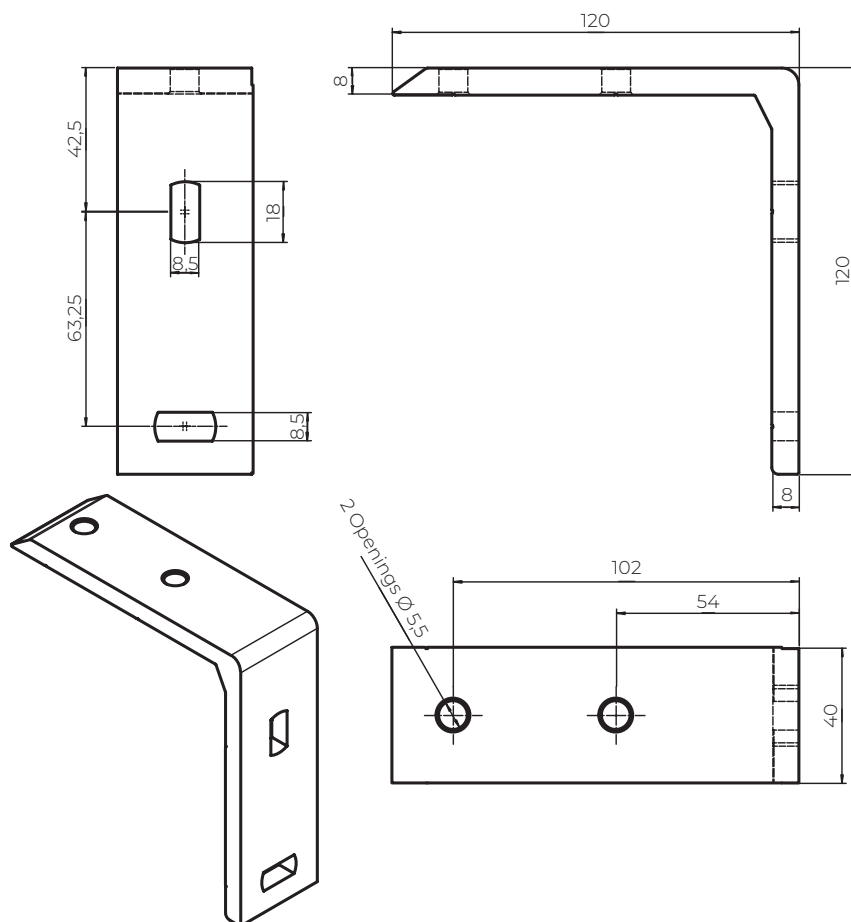
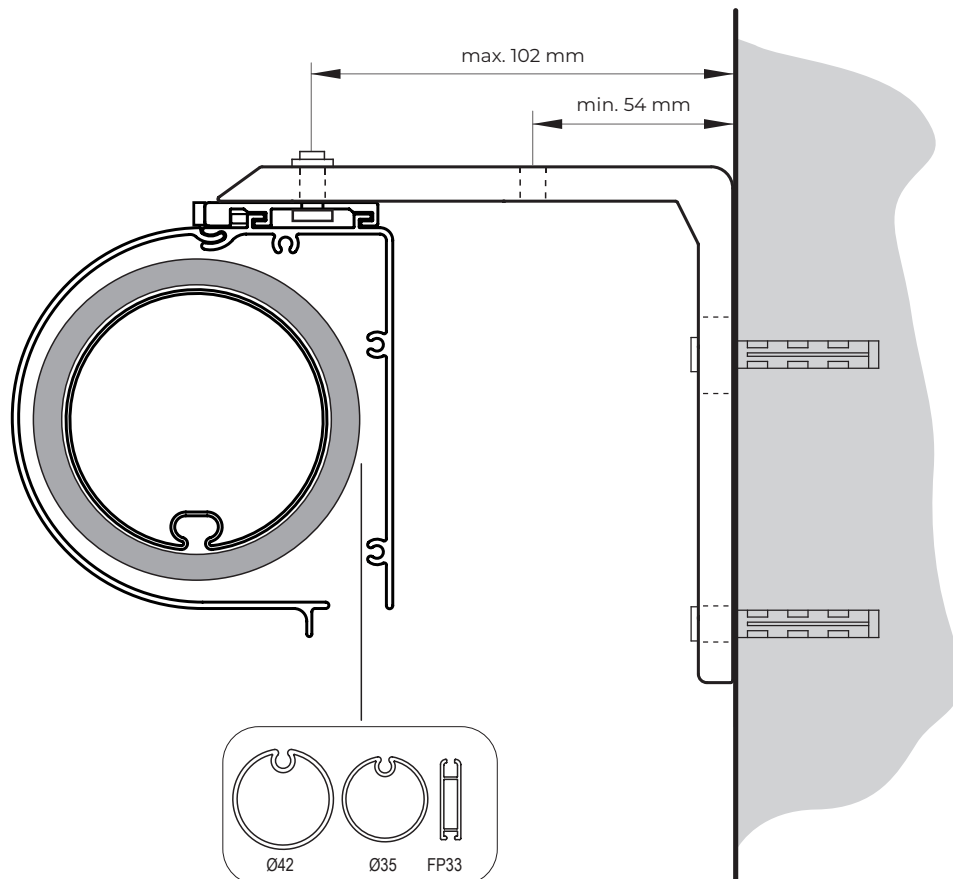
SCREEN R 90

Handles



SCREEN R 90

External installation using an angle bracket (Italia) – optional



SCREEN R 85 SA/MA

SCREEN R 85 SA/MA

Vertical awning, box made of extruded aluminium

APPLICATION

• External installation	NO
• Internal installation	YES

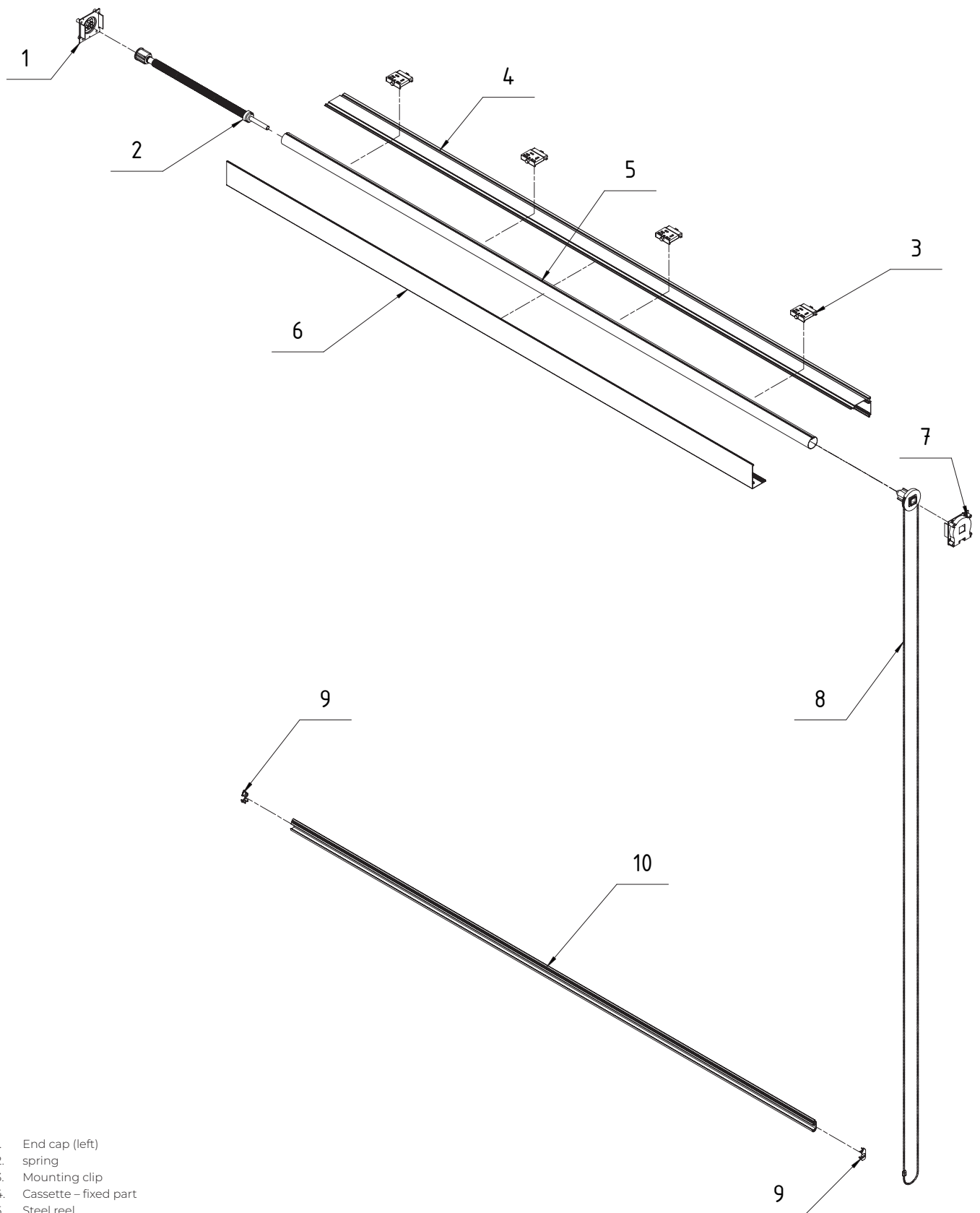
PRODUCT CHARACTERISTICS

- Chain mechanism
- Chain with a total length in the loop of 240 cm or 360 cm (anthracite in loops of 240 cm and 350 cm), with connectors for possible shortening
- Plastic chain and links, colour: white, grey or dark anthracite
- Wide range of fabrics
- In the SA version, the bottom rail has a self-locking mechanism

TECHNICAL PARAMETERS

• Colour scheme	RAL
• Electric drive	NO
• Manual drive	YES
• Maximum width (R-85 SA)	2200 mm
• Maximum width (R-85 MA)	2500 mm
• Maximum height (R-85 SA)	2500 mm
• Maximum height (R-85 MA)	3000 mm

SCREEN R 85 SA/MA
Exploded view

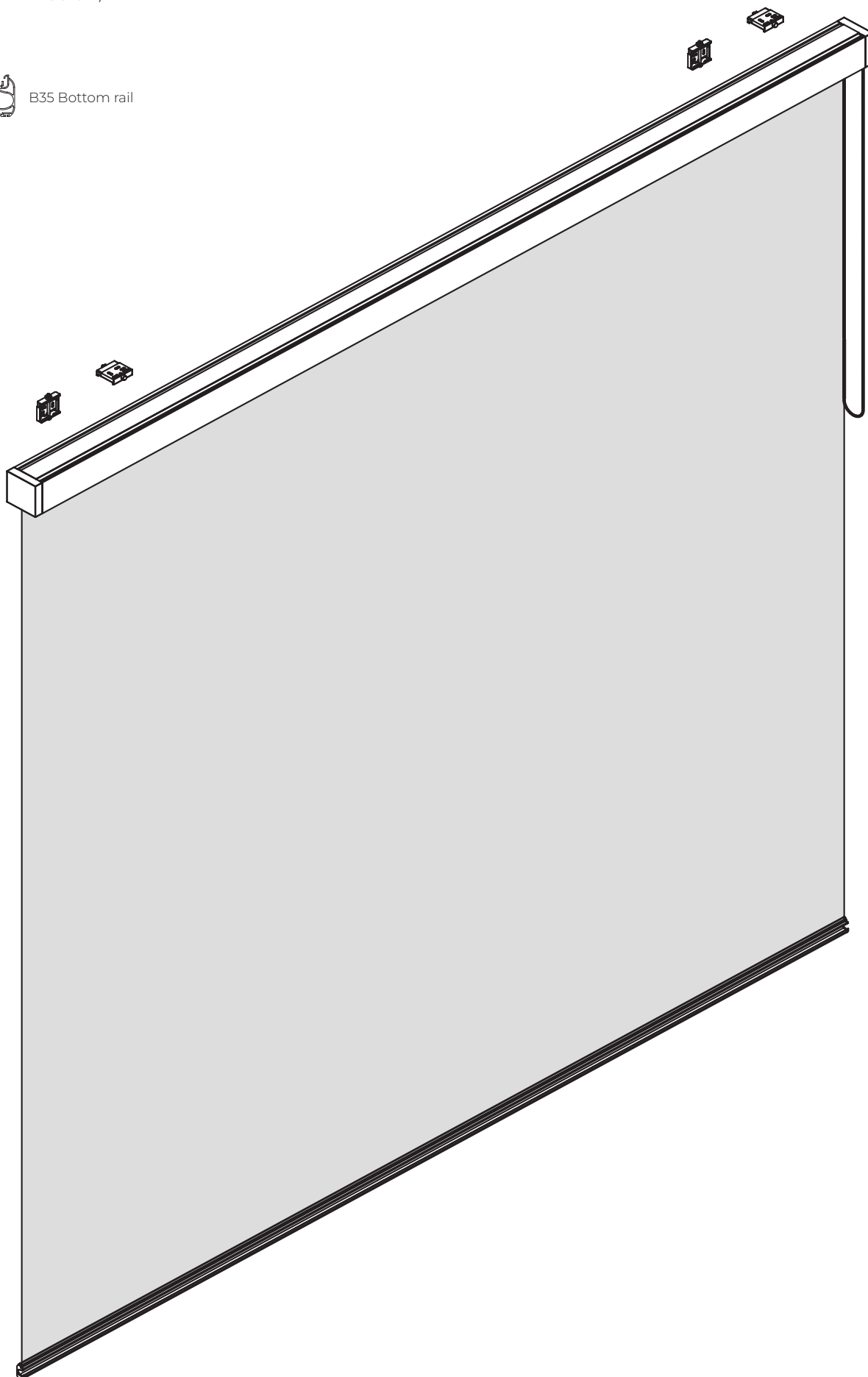


1. End cap (left)
2. spring
3. Mounting clip
4. Cassette – fixed part
5. Steel reel
6. Cassette – access panel
7. End cap (right)
8. Cable mechanism
9. End slat blind
10. Bottom rail

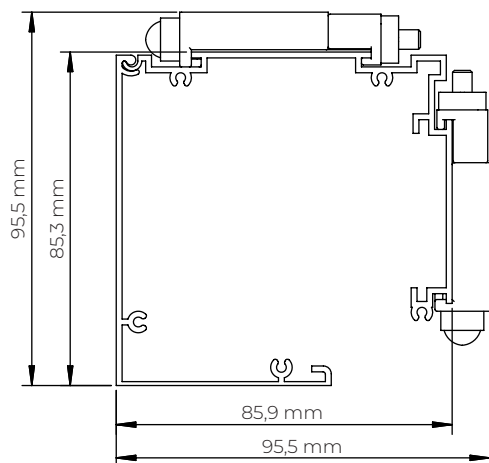
SCREEN R 85 SA/MA



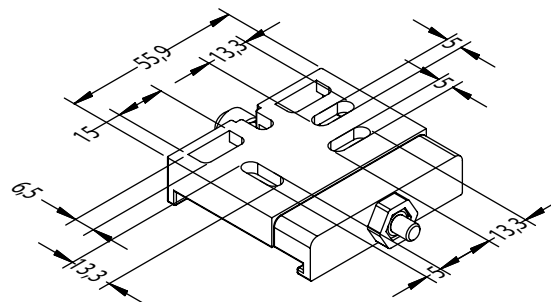
B35 Bottom rail



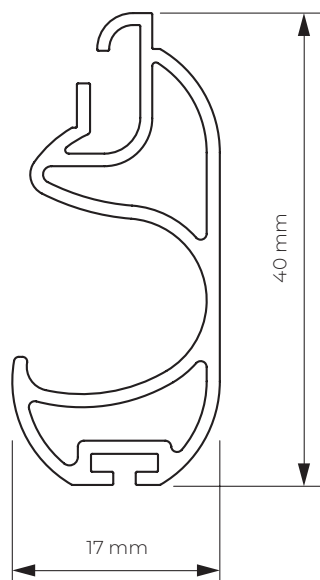
SCREEN R 85 SA/MA
Cross-section of the cassette



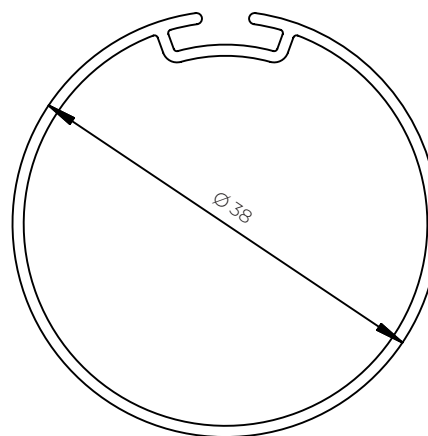
SCREEN R 85 SA/MA
Ceiling-wall bracket



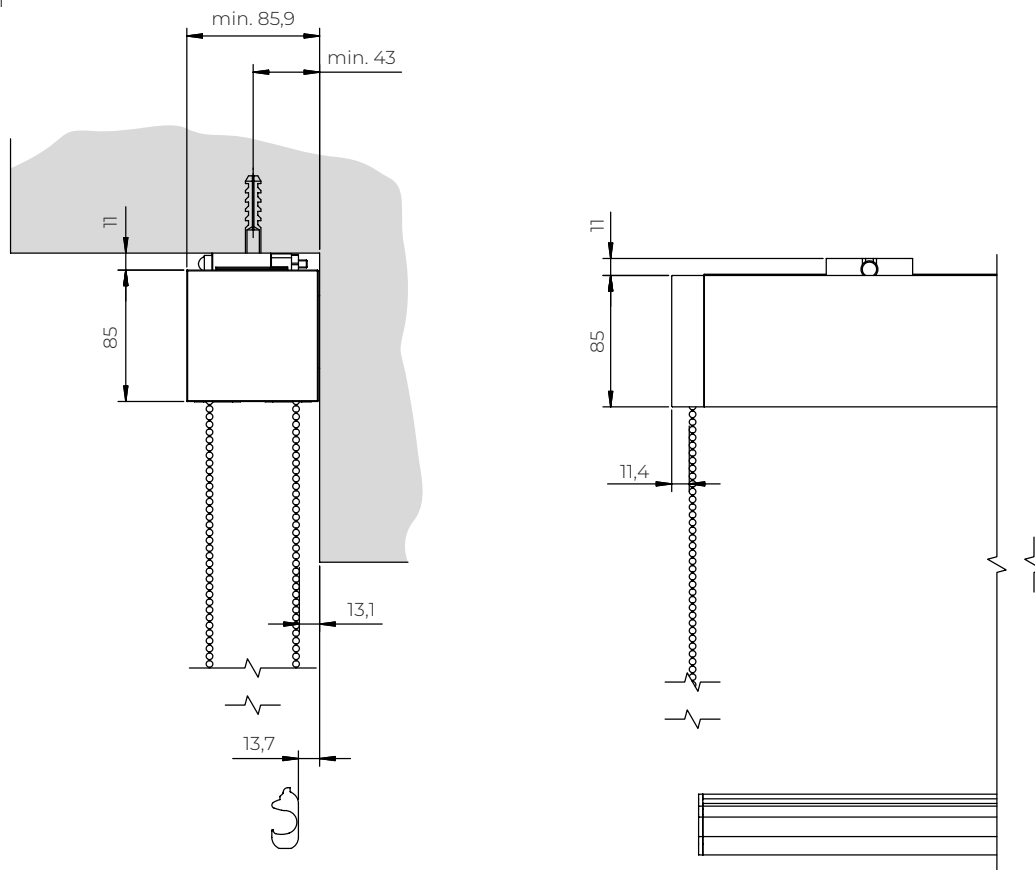
SCREEN R 85 SA/MA
Bottom rail B35



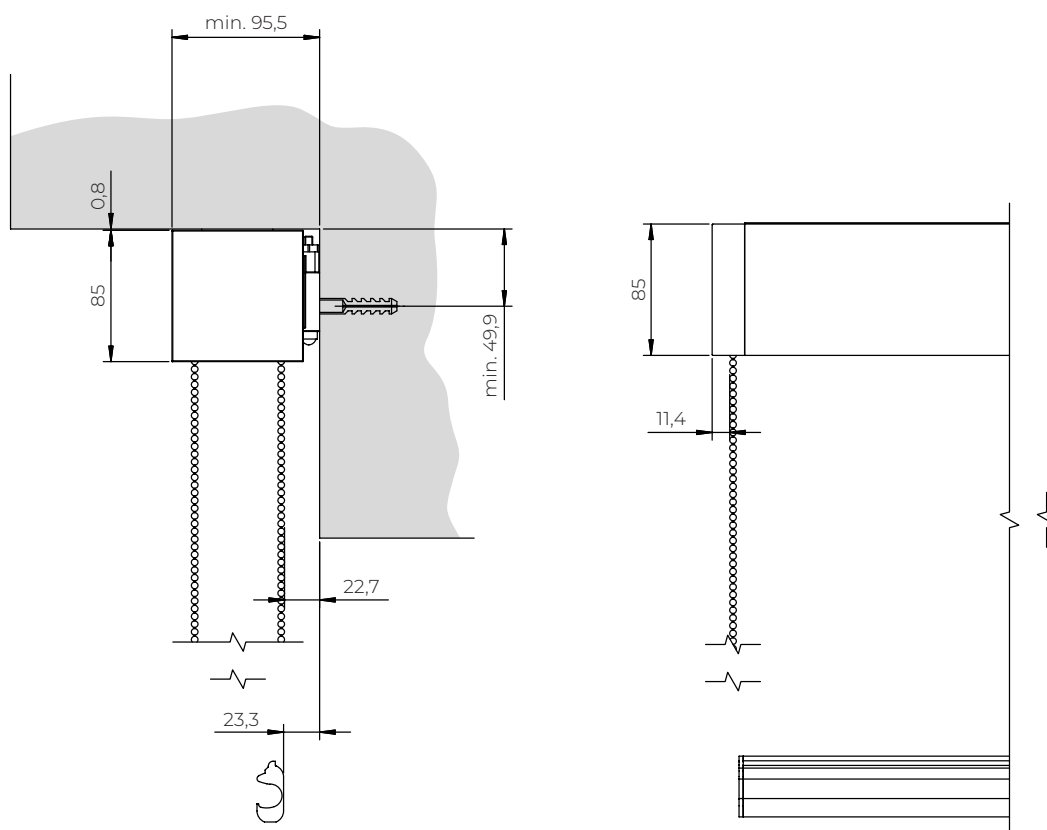
SCREEN R 85 SA/MA
Steel reel Ø 38



SCREEN R 85 SA/MA
Ceiling installation



SCREEN R 85 SA/MA
Wall mounting



SCREEN R 85 A

SCREEN R 85 A

Vertical awning, box made of extruded aluminium

APPLICATION

- | | |
|-------------------------|-----|
| · External installation | NO |
| · Internal installation | YES |

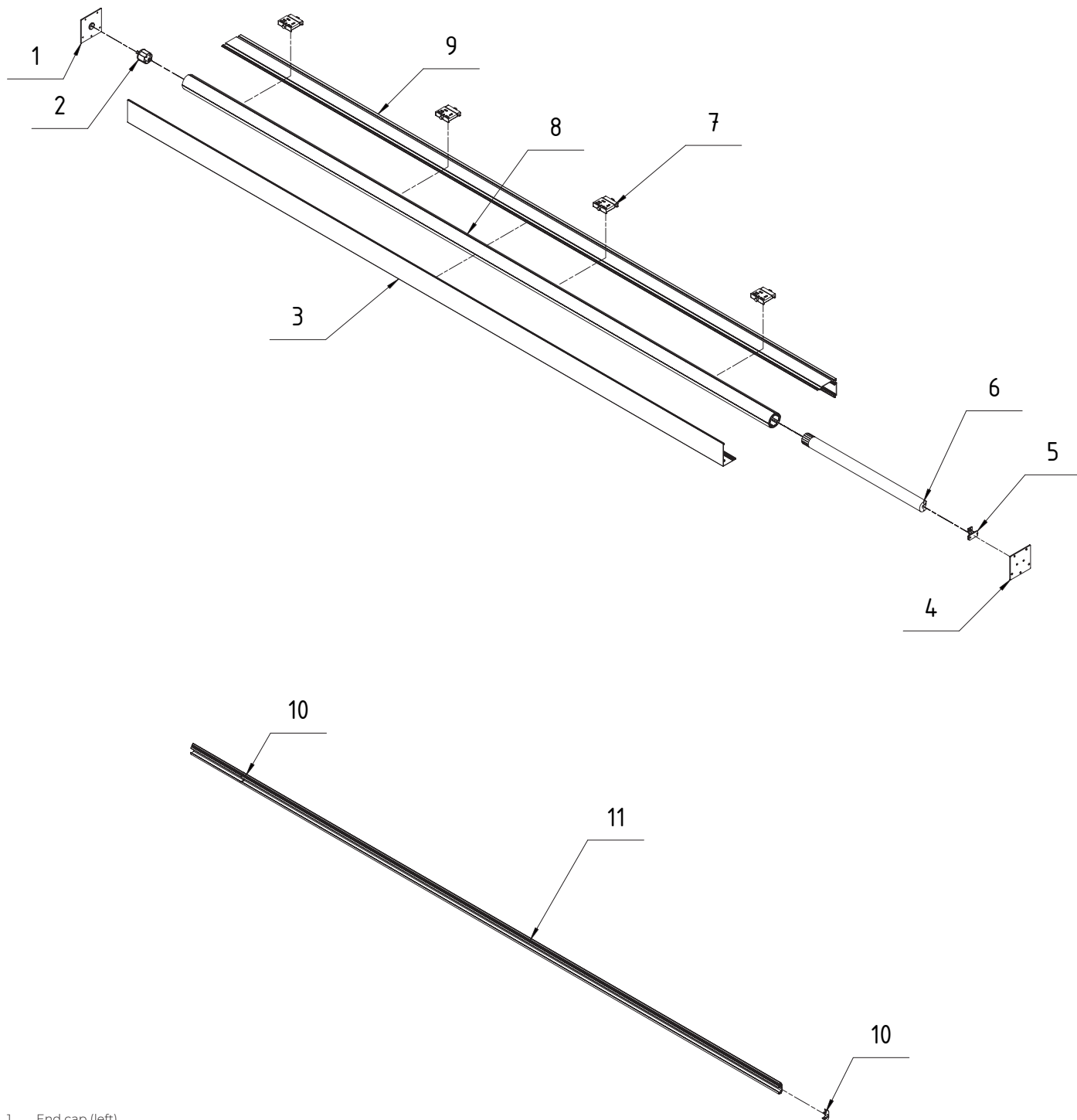
PRODUCT CHARACTERISTICS

- Wide range of fabrics

TECHNICAL PARAMETERS

- | | |
|------------------|---------|
| · Colour scheme | RAL |
| · Electric drive | YES |
| · Manual drive | NO |
| · Maximum width | 2600 mm |
| · Maximum height | 2600 mm |

SCREEN R 85 A
Exploded view



1. End cap (left)
2. Calotte
3. Cassette – access panel
4. End cap (right)
5. Motor mounting
6. Motor
7. Mounting clip
8. Steel reel
9. Cassette – fixed part
10. End slat blind
11. Bottom rail

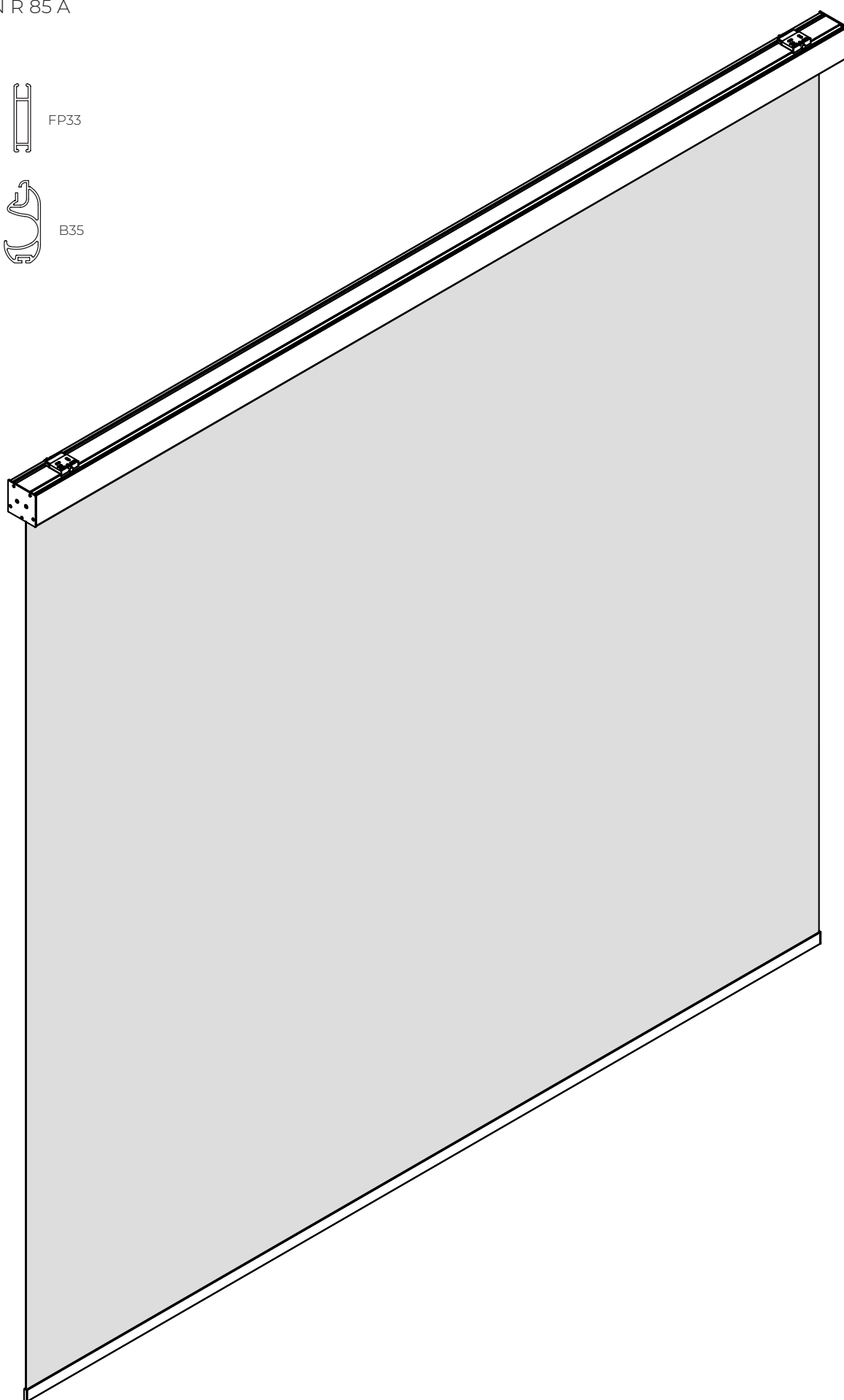
SCREEN R 85 A



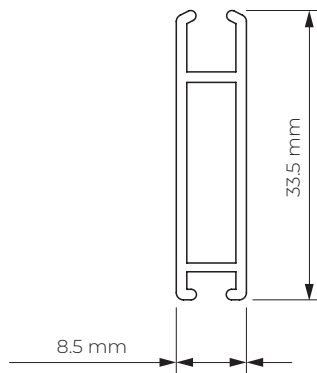
FP33



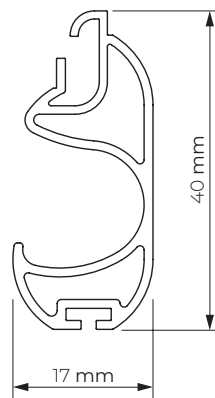
B35



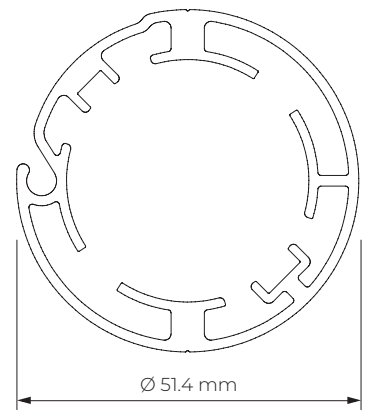
SCREEN R 85 A
Bottom rail FP 33



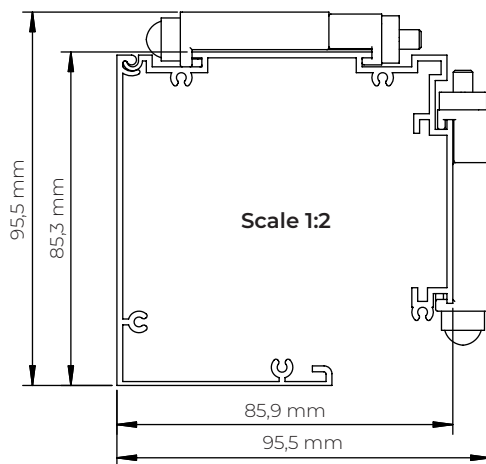
SCREEN R 85 A
Bottom rail B35



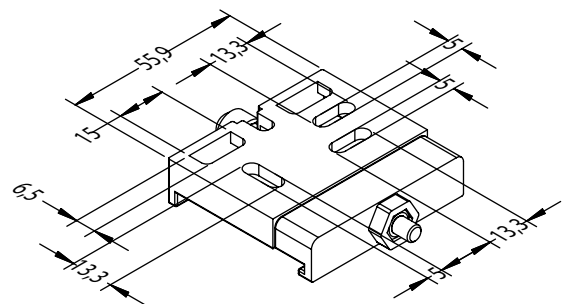
SCREEN R 85 A
Winding tube D 51 for motor



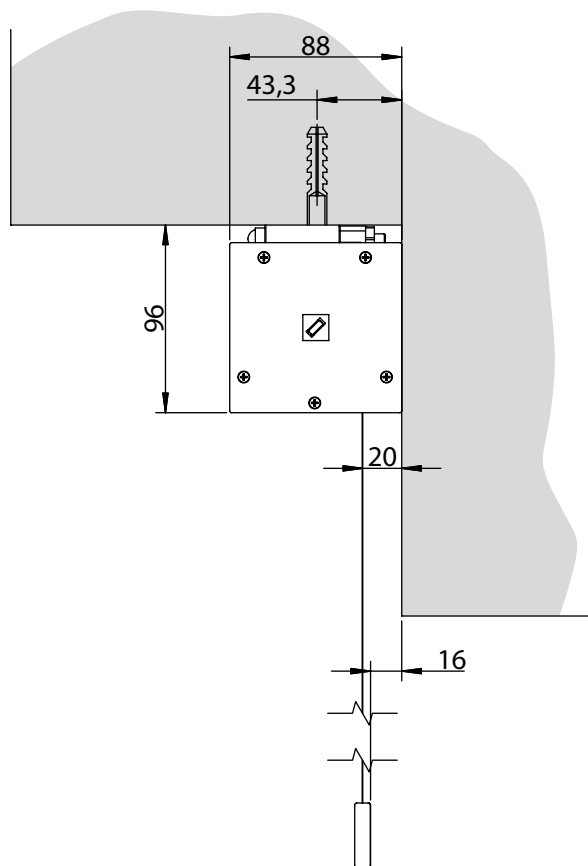
SCREEN R 85 A
Cassette



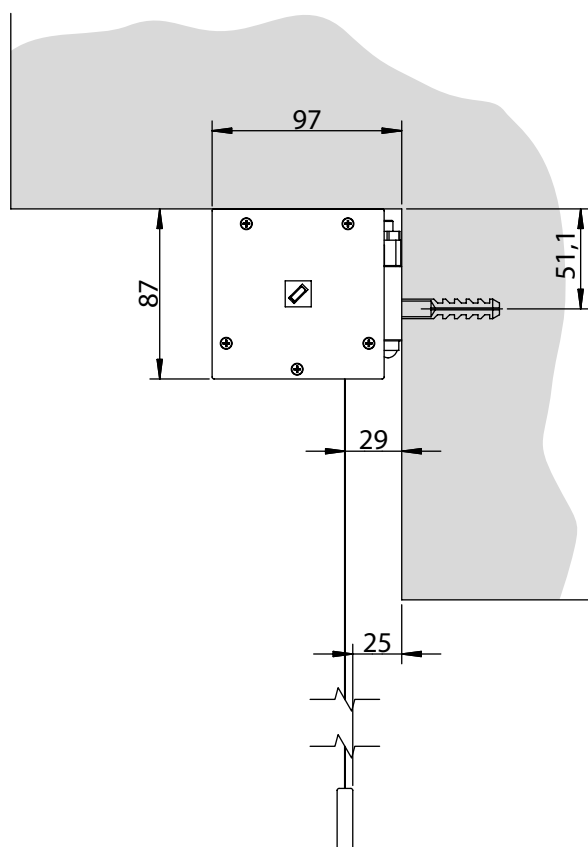
SCREEN R 85 A
Ceiling-wall bracket



SCREEN R 85 A
Ceiling installation



SCREEN R 85 A
Wall mounting



SCREEN R 76

SCREEN R 76
Vertical awning, box made of extruded aluminium

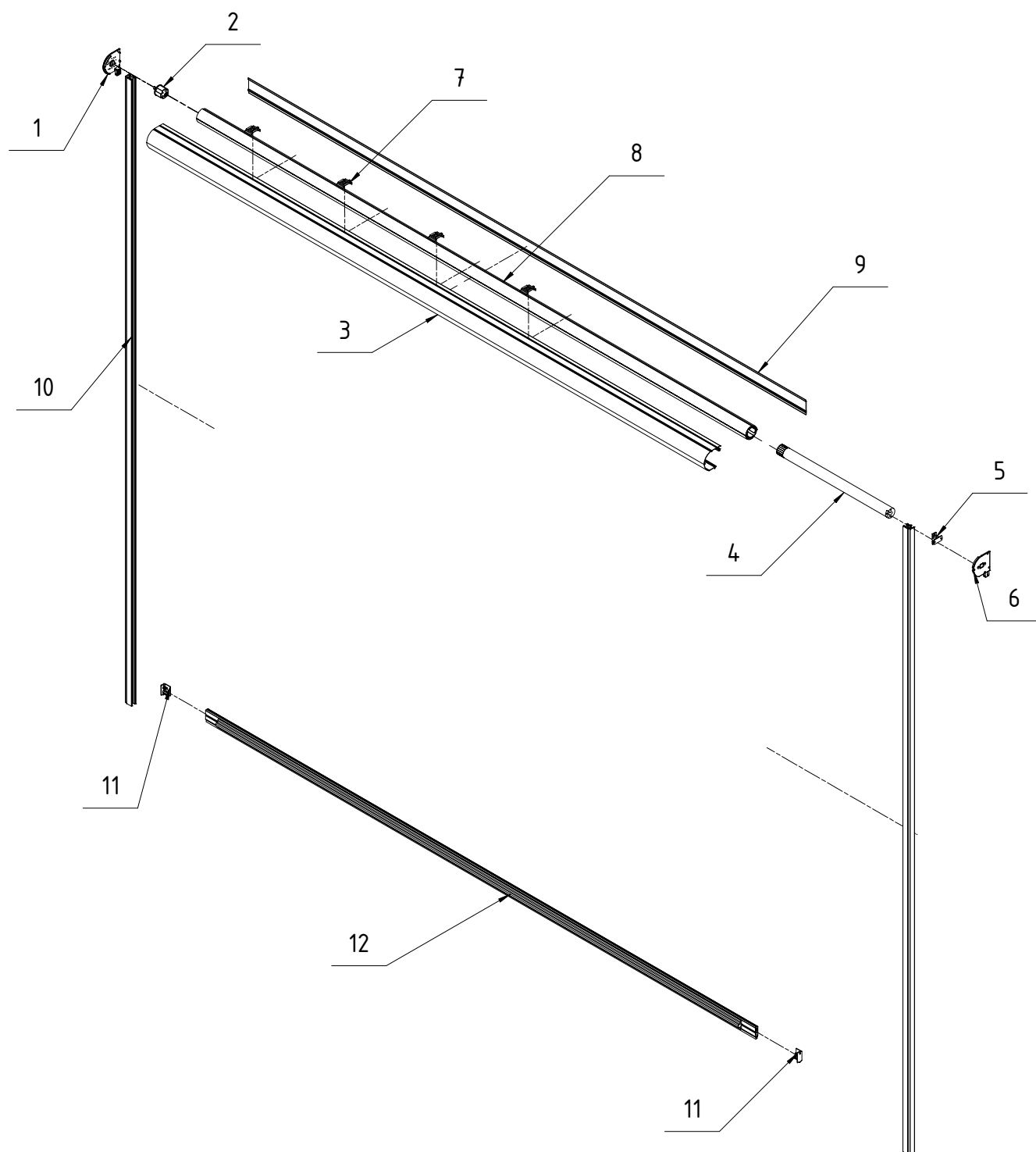
APPLICATION	
· External installation	YES
· Internal installation	YES

PRODUCT CHARACTERISTICS

- Wide range of fabrics

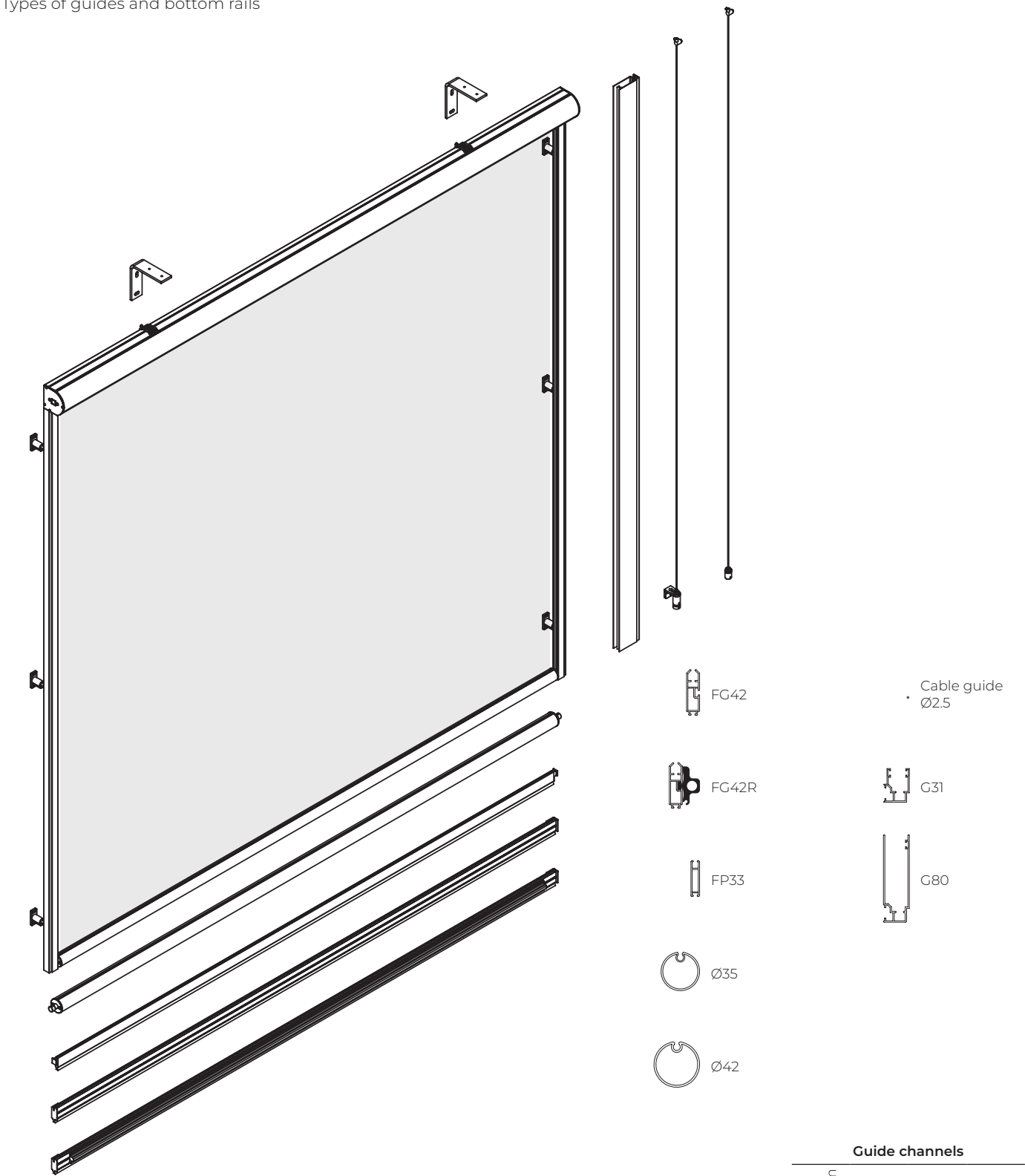
TECHNICAL PARAMETERS	
· Colour scheme	RAL
· Electric drive	YES
· Manual drive	YES
· Maximum width	2600 mm
· Maximum height	2600 mm

SCREEN R 76
Exploded view



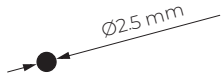
1. End cap (left)
2. Calotte
3. Cassette – fixed part
4. Motor
5. Motor mounting
6. End cap (right)
7. CLip
8. Steel reel
9. Rear profile cassette
10. Guide channel
11. End slat blind
12. Bottom rail

SCREEN R 76
Types of guides and bottom rails

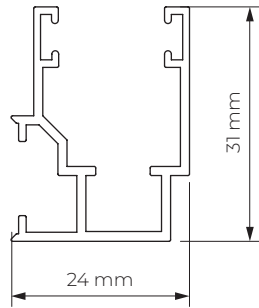


	Guide channels			
	linkowa Ø 2,5 mm	G31	G80	None
	FG42		✓	✓
	FG42R		✓	
	FP33	✓	✓	✓
bottom beams	Ø35	✓		✓
	Ø42	✓		✓

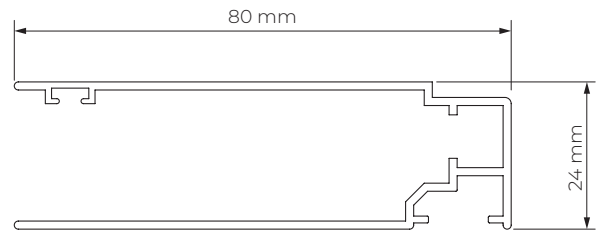
SCREEN R 76
Cable guide
Ø2.5 mm



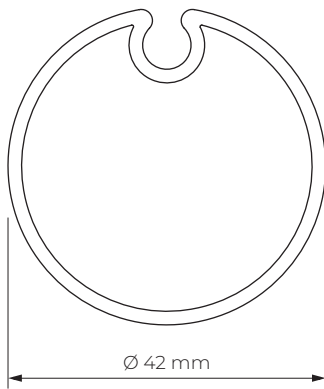
SCREEN R 76
Guide channel GC 31



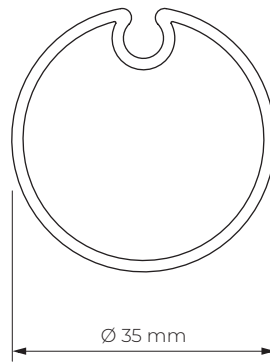
SCREEN R 76
Guide channel G 80



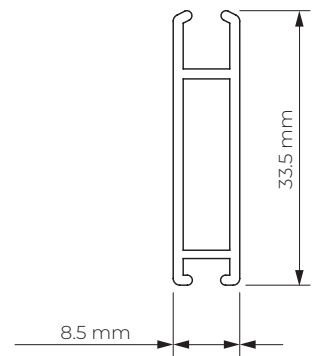
SCREEN R 76
Bottom rail Ø 42



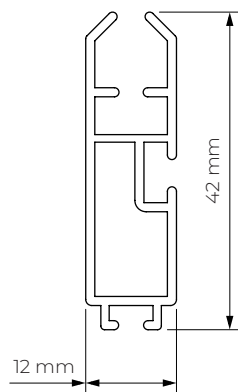
SCREEN R 76
Bottom rail Ø 35



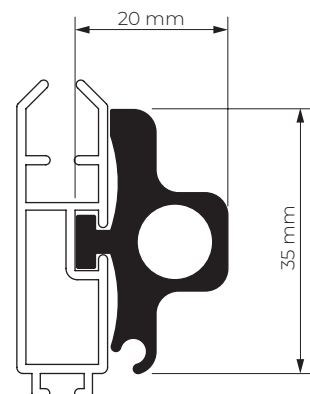
SCREEN R 76
Bottom rail FP 33



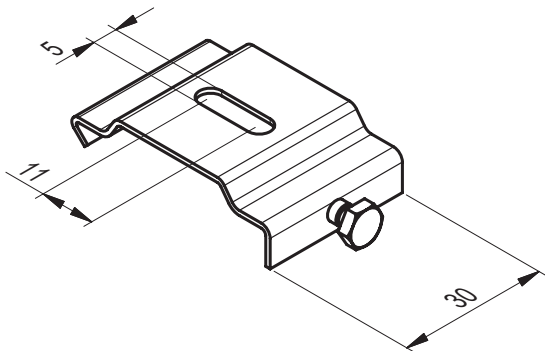
SCREEN R 76
Bottom rail FG 42



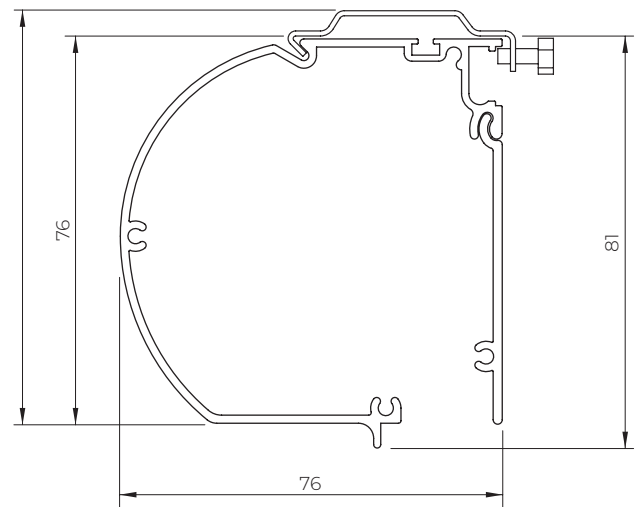
SCREEN R 76
Reinforcement profile FG 42R



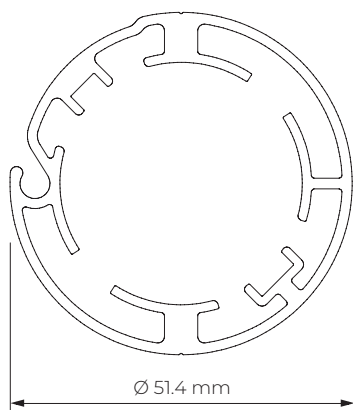
SCREEN R 76
Mounting clip



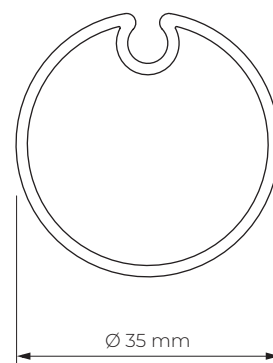
SCREEN R 76
Cassette



SCREEN R 76
Aluminium roller tube Ø 51 for motor

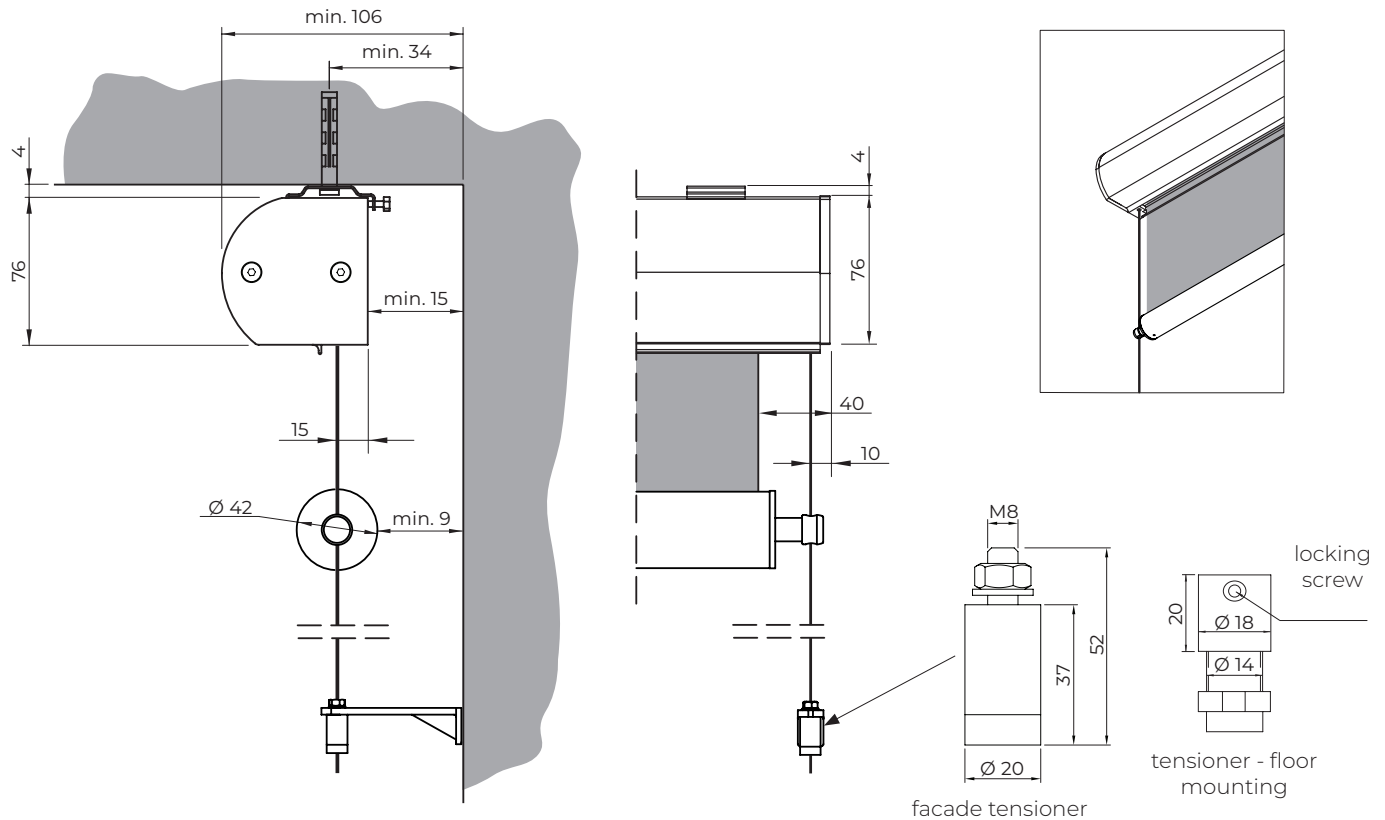


SCREEN R 76
Aluminium winding tube Ø 35 for manual operation



SCREEN R 76

Ceiling installation - Cable guides



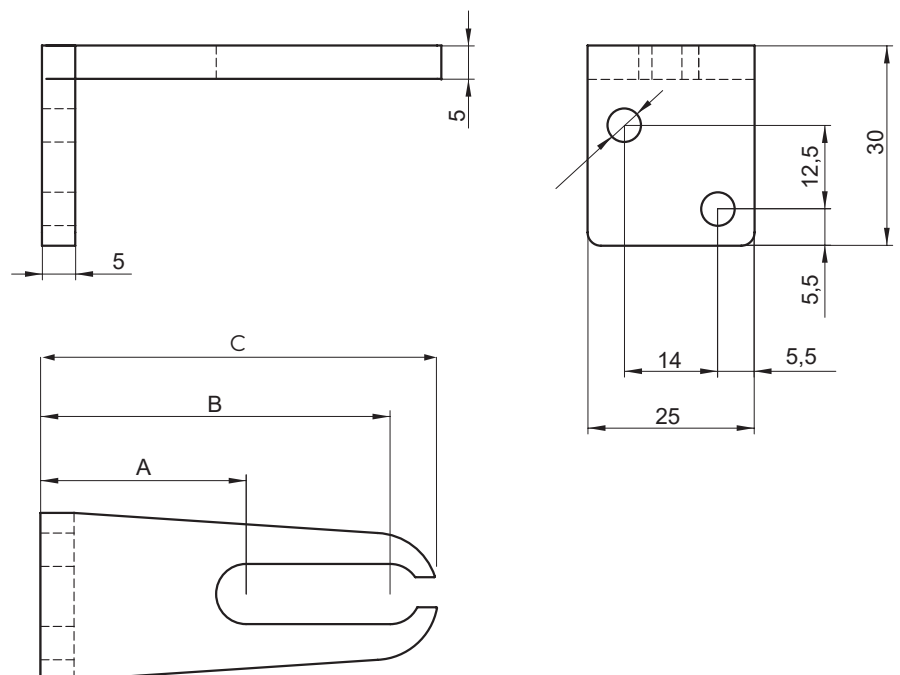
SCREEN R 76

Cable mounting brackets

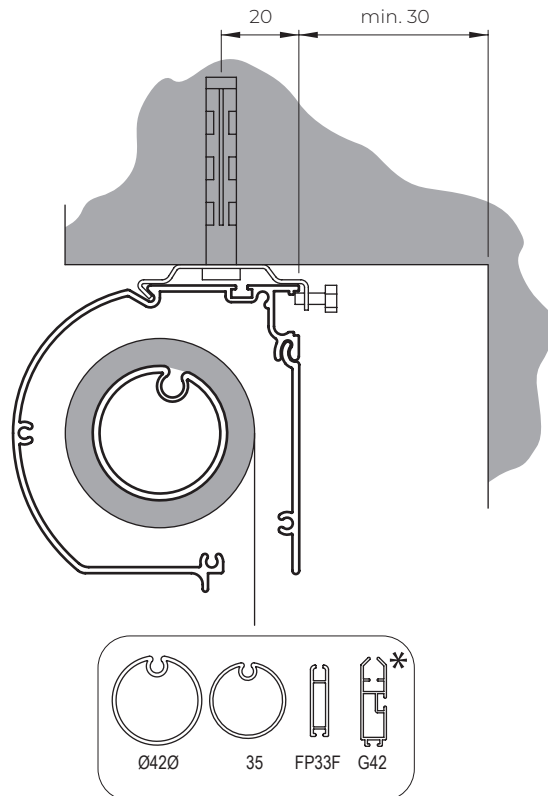
Cable mounting brackets available in sizes:

A	B	C
15mm*	36mm*	46mm
29mm	50mm	60mm
55mm	76mm	86mm
83mm	104mm	114mm
111mm*	132mm*	142mm
139mm*	160mm*	170mm

* made to order, longer lead times.

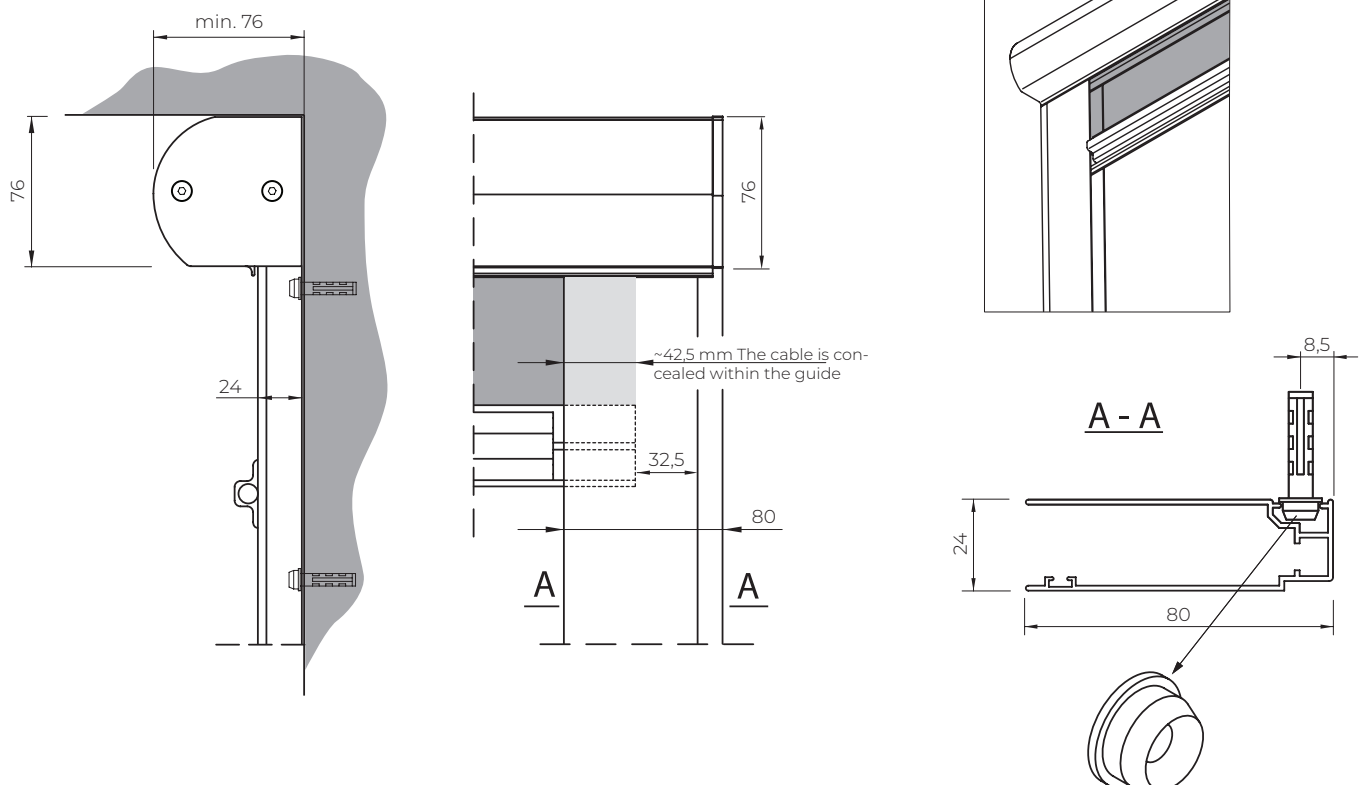


SCREEN R 76
Ceiling installation



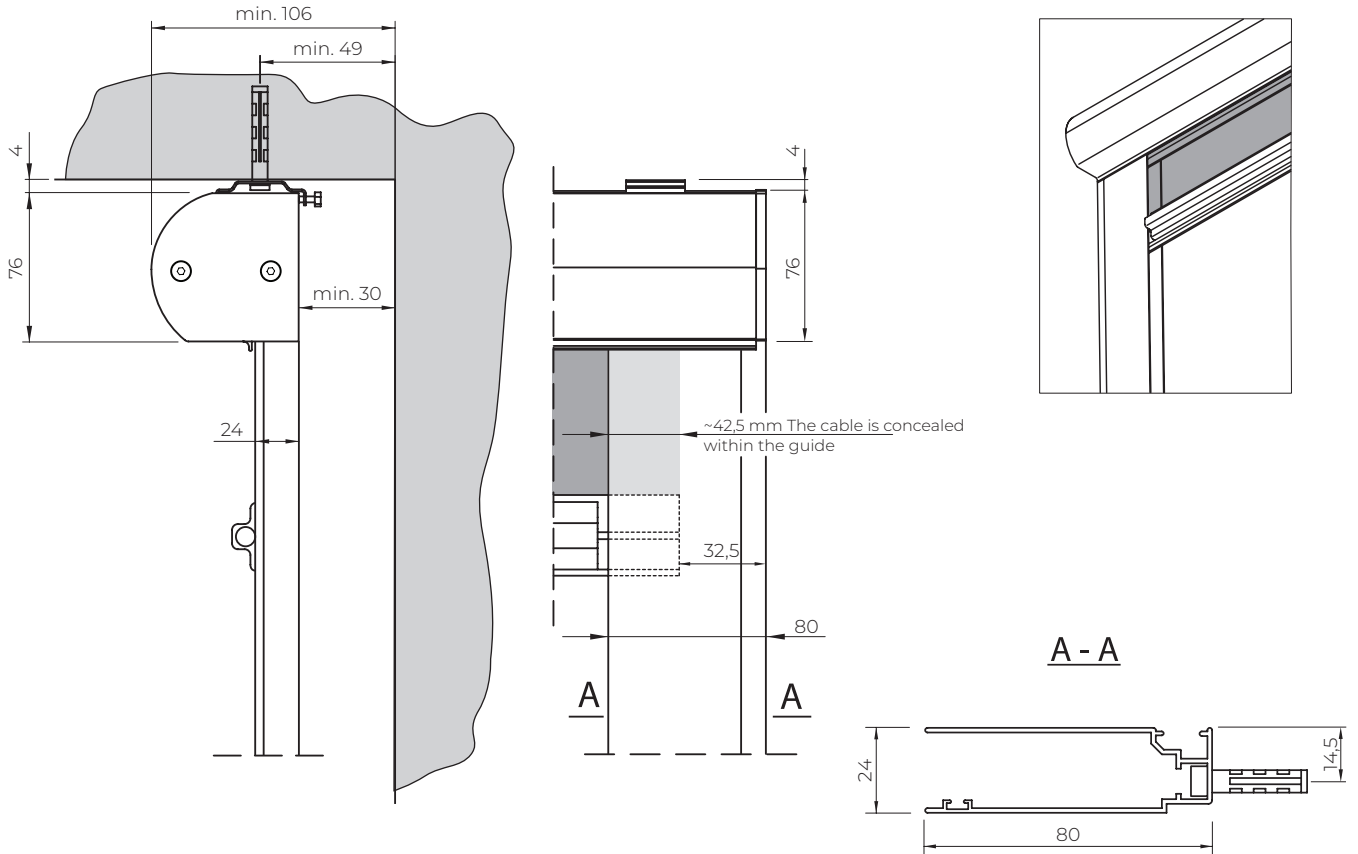
* FOR INDOOR INSTALLATION ONLY

SCREEN R 76
Wall-mounted installation - G 80 runners



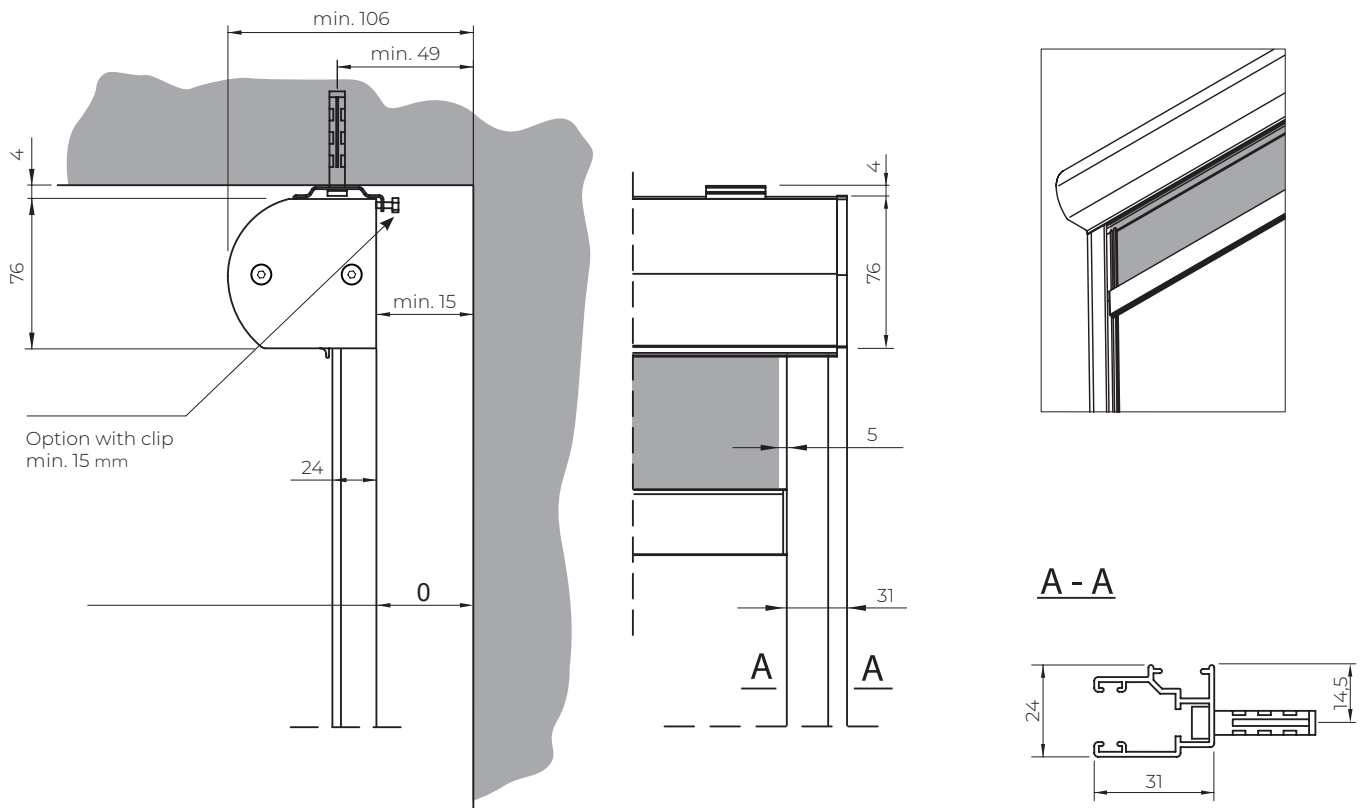
SCREEN R 76

Ceiling installation - G80 guides (for indoor installation only)



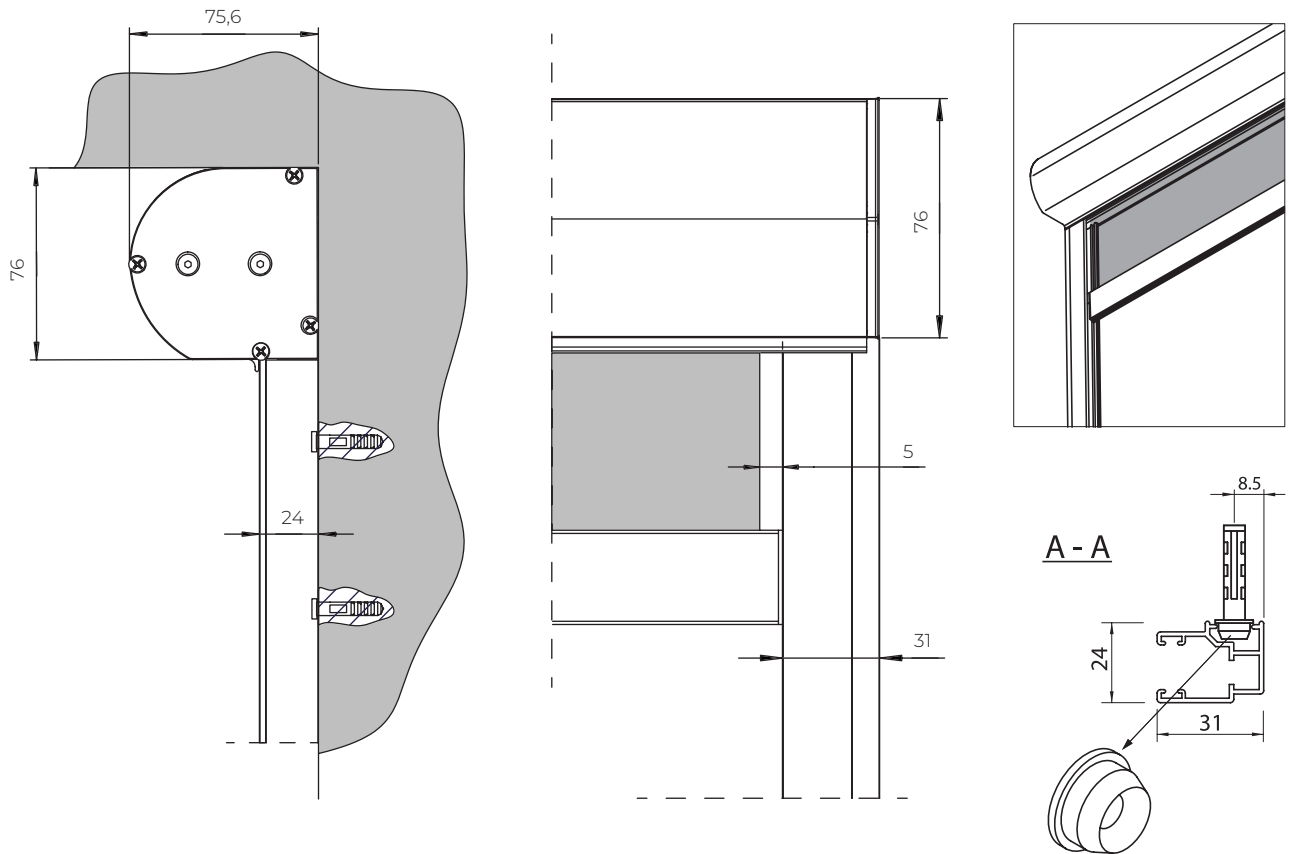
SCREEN R 76

Recessed installation – guides G31



SCREEN R 76

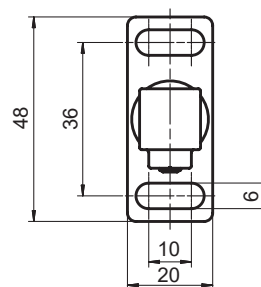
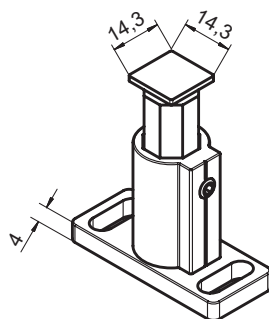
Wall-mounted installation – G31 runners



SCREEN R 76

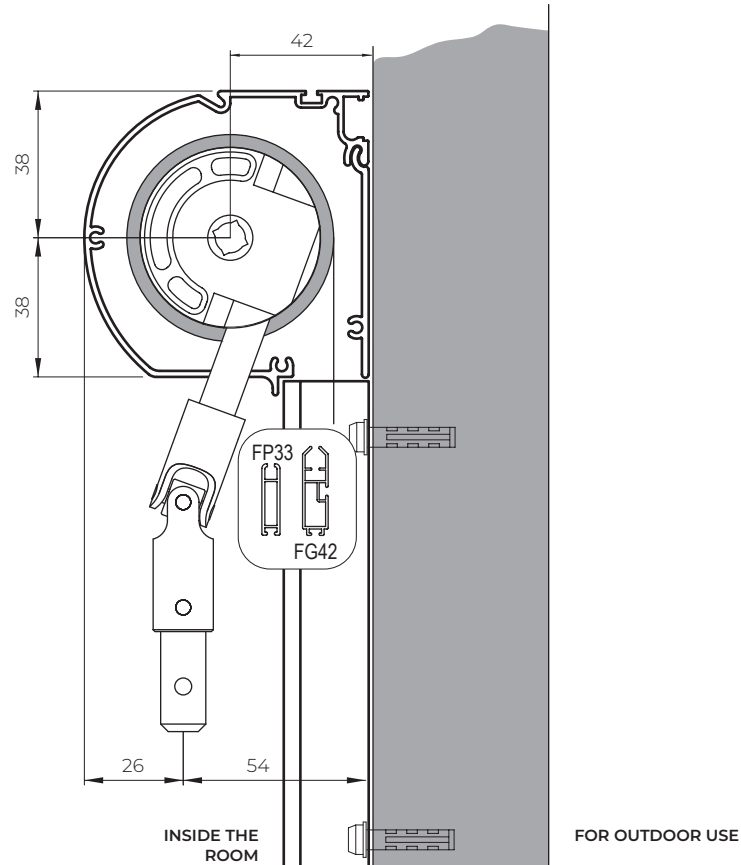
Round guide rail brackets

TYP 3*
50÷70
75÷120



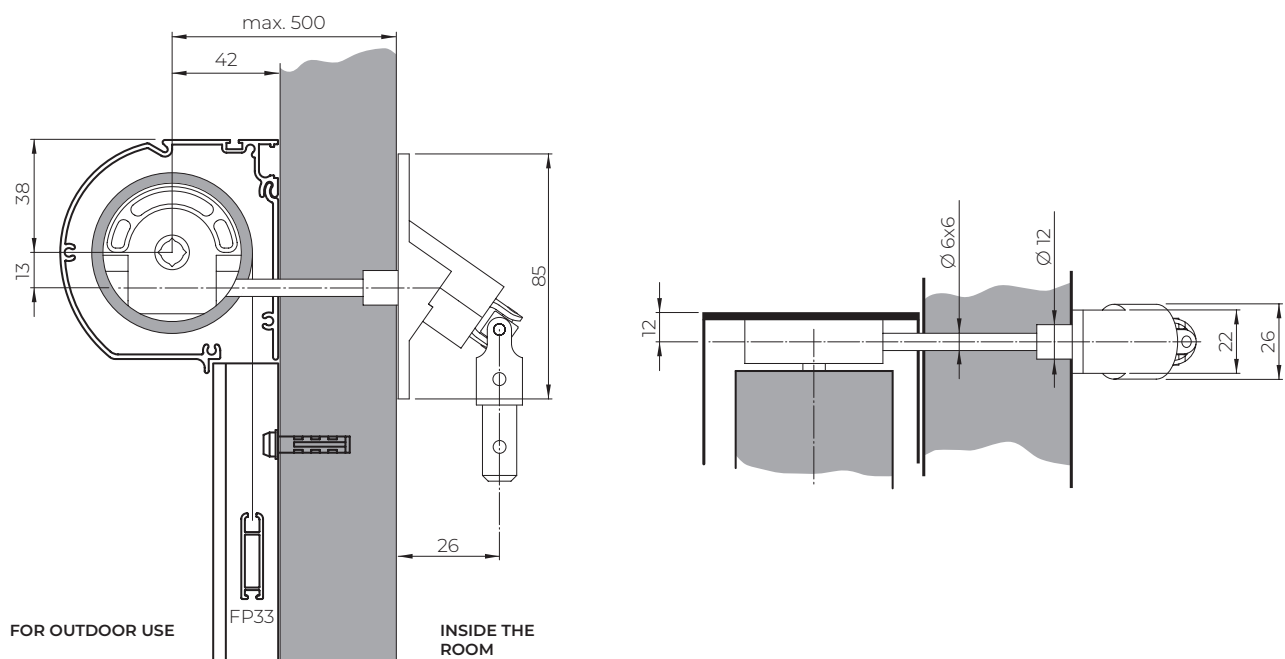
SCREEN R 76

Internal installation directly to the wall



SCREEN R 76

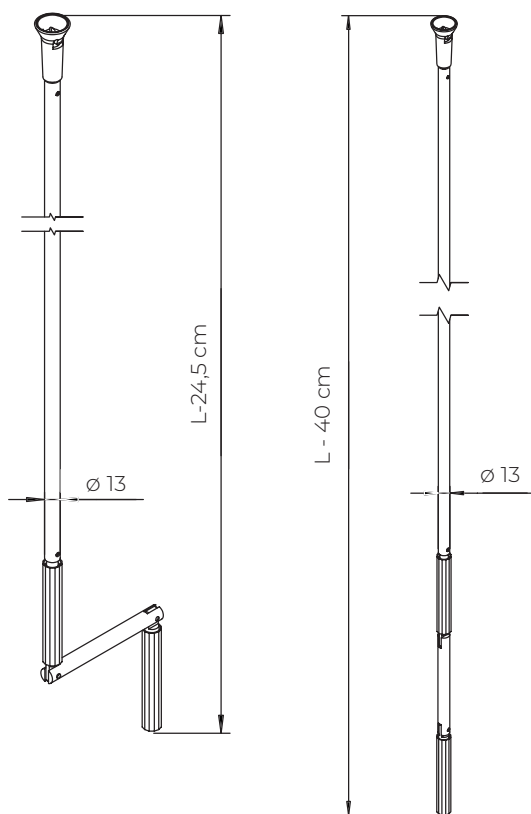
External installation directly to the wall – crank drive with grommet



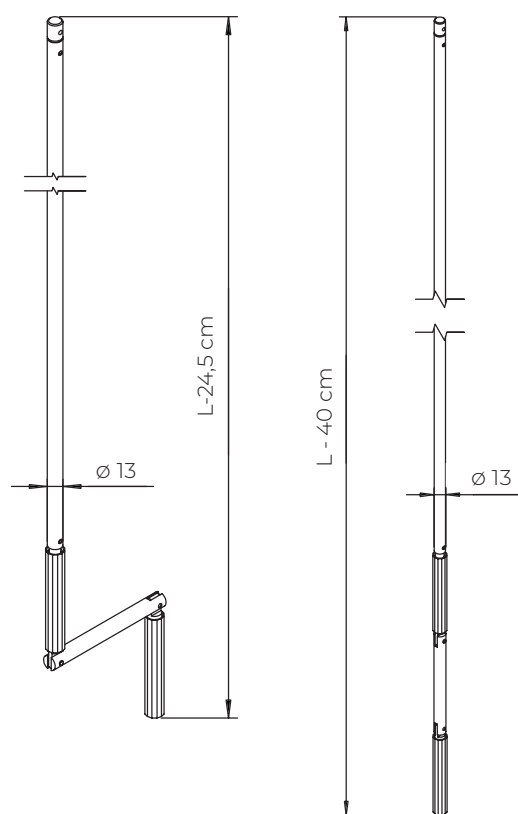
SCREEN R 76

Handles

Detachable folding crank



Fixed folding crank



SCREEN R XXL

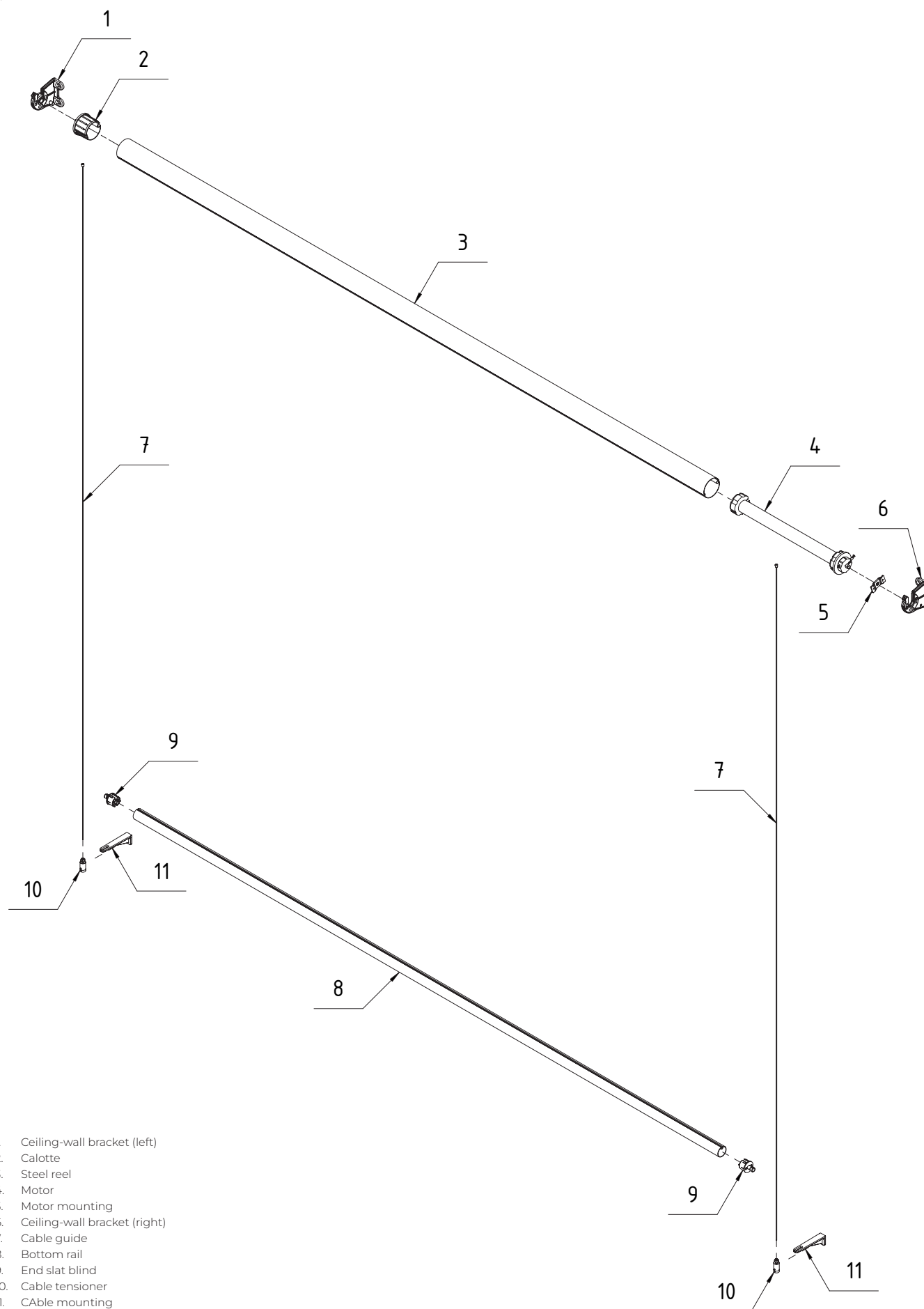
SCREEN R XXL
Vertical sunshade

APPLICATION:	
· External installation	YES
· Internal installation	YES

- PRODUCT CHARACTERISTICS:
- Wide range of fabrics
 - Cassette-free system
 - Stainless steel cable guides
 - Wall and ceiling mounting

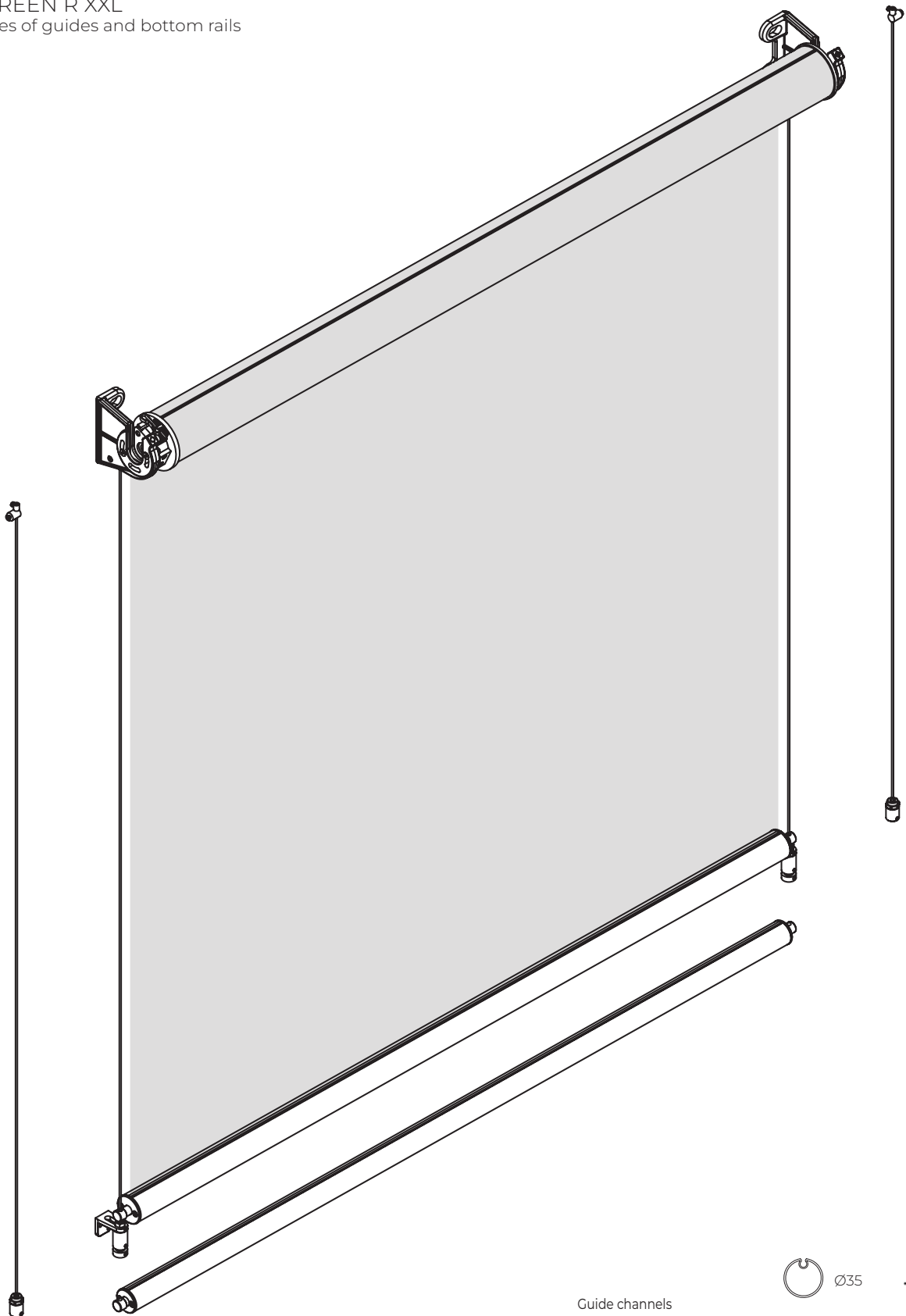
TECHNICAL PARAMETERS	
· Colour scheme	RAL
· Electric drive	YES
· Manual drive	YES
· Maximum external width (Wire)	3000 mm
· Maximum external height (Wire)	3000 mm
· Maximum internal width	4500 mm
· Maximum interior height	5000 mm

SCREEN R XXL
Exploded view



1. Ceiling-wall bracket (left)
2. Calotte
3. Steel reel
4. Motor
5. Motor mounting
6. Ceiling-wall bracket (right)
7. Cable guide
8. Bottom rail
9. End slat blind
10. Cable tensioner
11. Cable mounting

SCREEN R XXL
Types of guides and bottom rails



	Guide channels	
	Cable guide Ø 2,5 mm	None
bottom beams	FG42	✓
	Ø35	✓
	Ø42	✓



Ø35 Cable guide
Ø2.5



Ø42

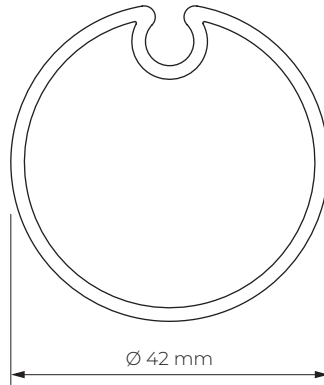


FG 42

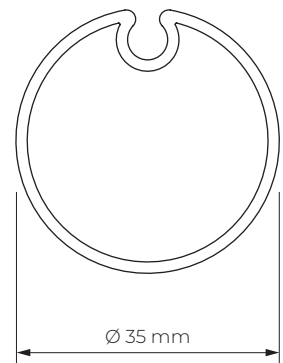
SCREEN R XXL
Cable guide



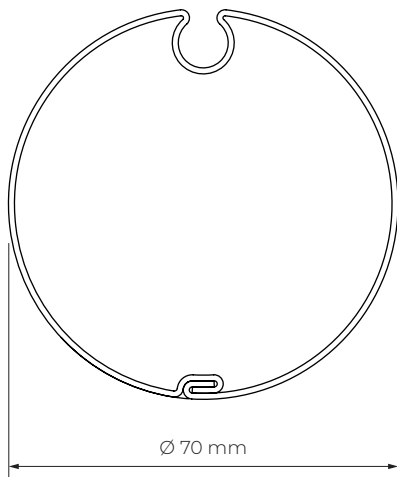
SCREEN R XXL
Bottom rail Ø 42



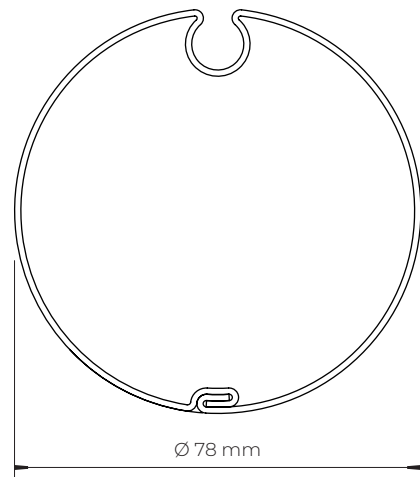
SCREEN R XXL
Bottom rail Ø 35



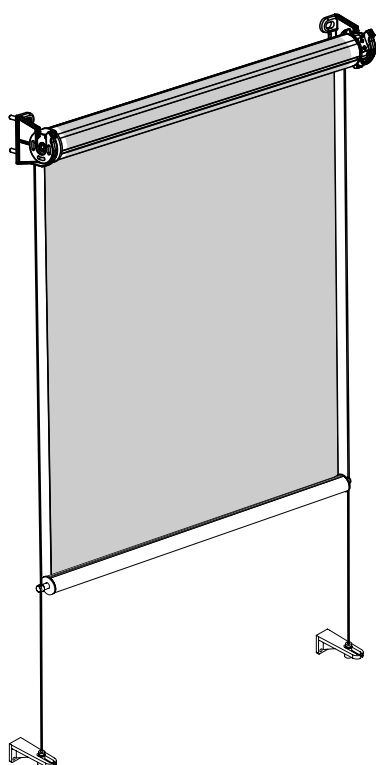
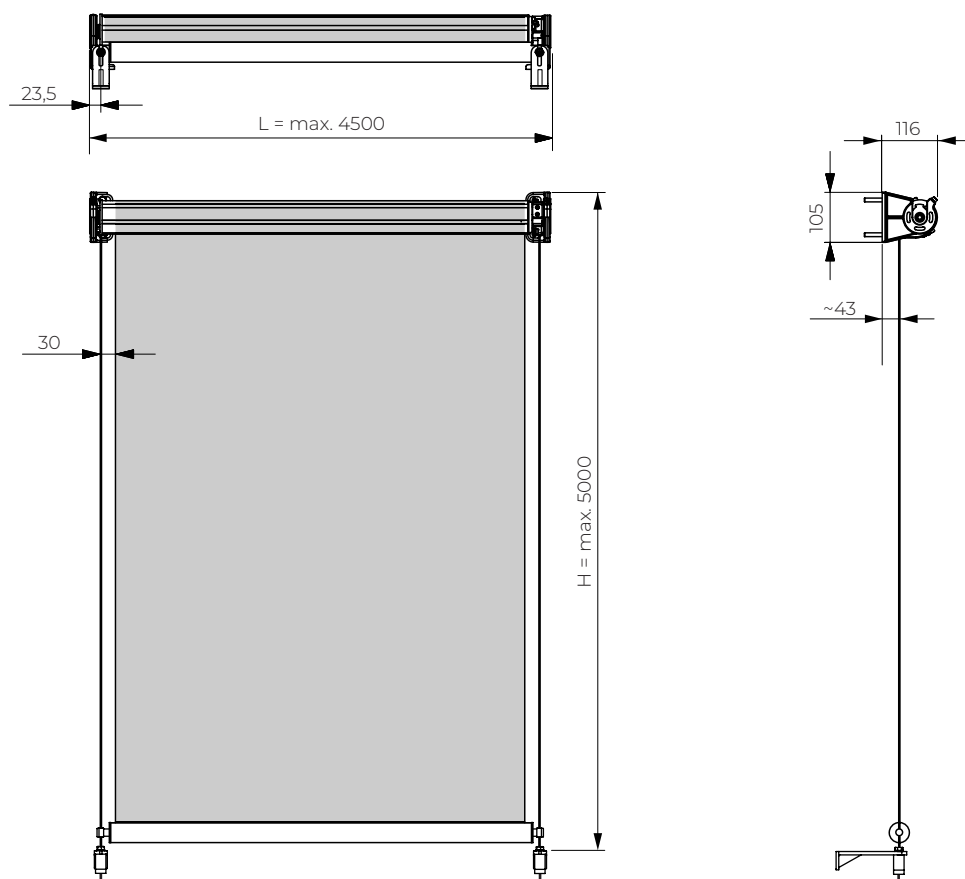
SCREEN R XXL
Galvanised roller tube Ø70
(Available only with Soltis+crank+widths up to 3.5 m)



SCREEN R XXL
Galvanised steel winding tube Ø78
(used for screen fabrics up to 4.5 m)



SCREEN R XXL
Front view and top view

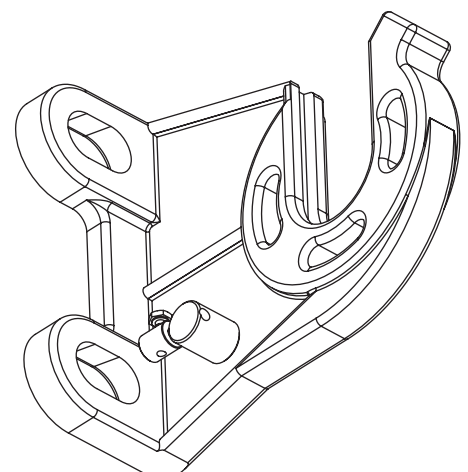
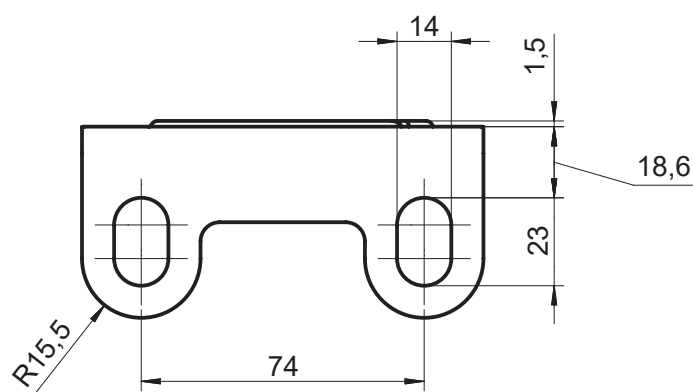
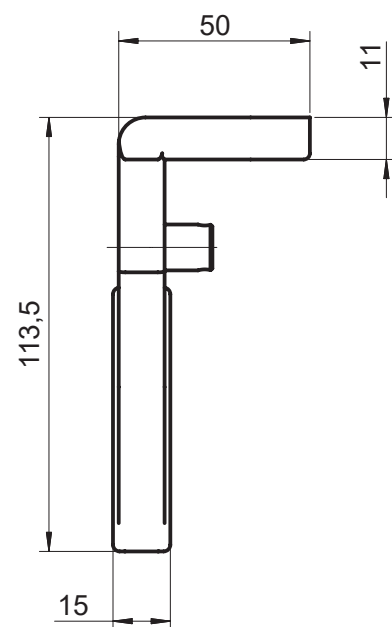
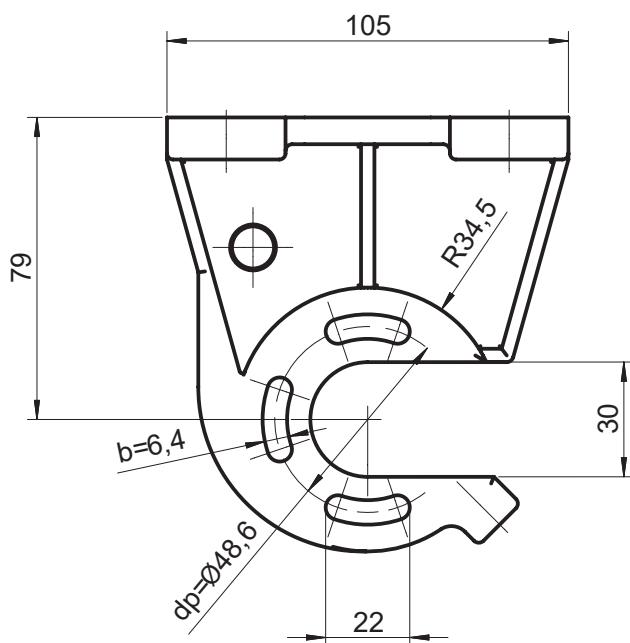
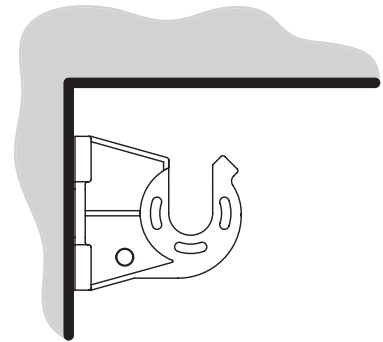
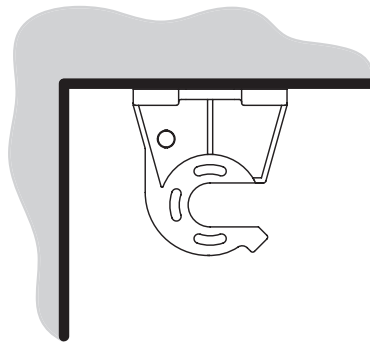


Maximum dimensions for outdoor use:
3000 mm x 3000 mm

Maximum dimensions for indoor use:
4500 mm x 5000 mm

SCREEN R XXL

Ceiling or wall mounting - (wall-ceiling bracket).



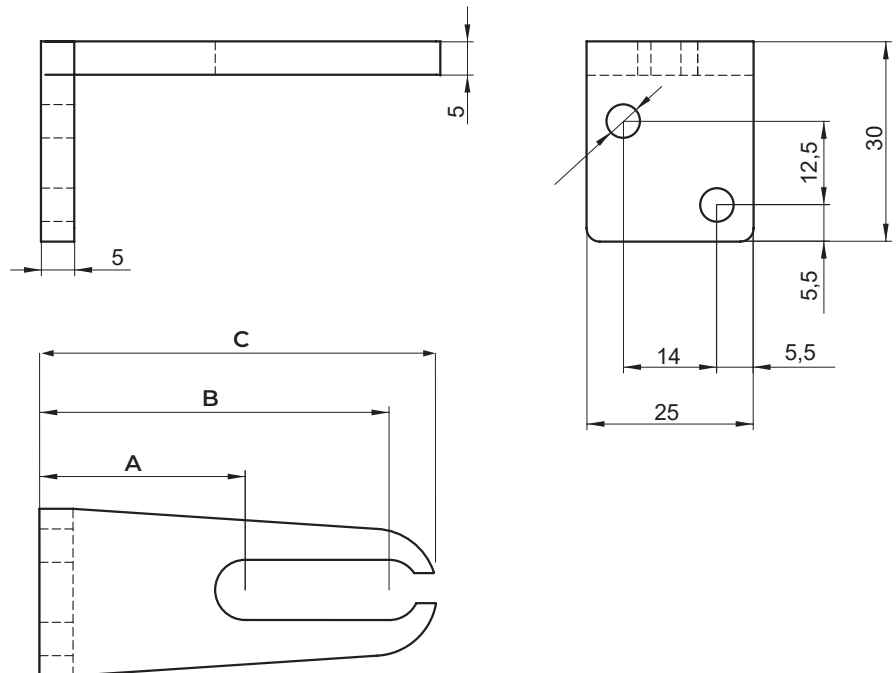
SCREEN R XXL

Cable mounting brackets

Cable mounting brackets available in sizes:

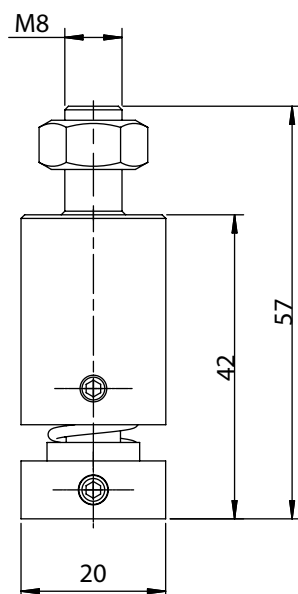
A	B	C
15mm*	36mm*	46mm
29mm	50mm	60mm
55mm	76mm	86mm
83mm	104mm	114mm
111mm*	132mm*	142mm
139mm*	160mm*	170mm

* made to order, longer lead times.



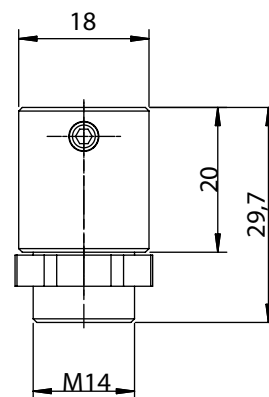
SCREEN R XXL

Wall-mounted tensioner



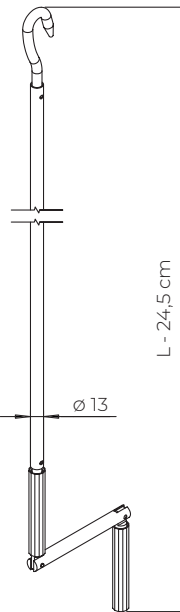
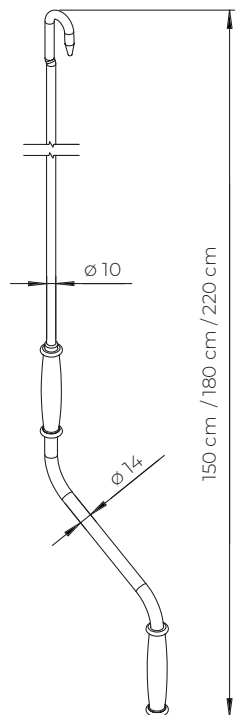
SCREEN R XXL

Floor-mounted tensioner

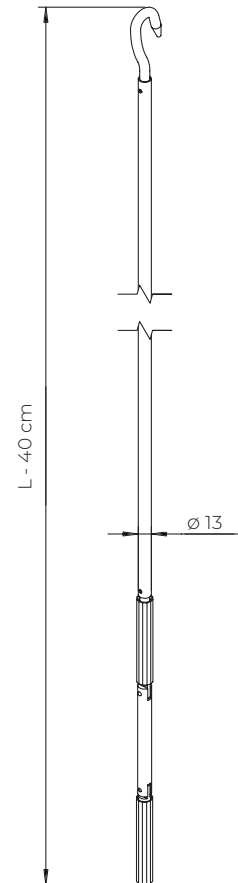


SCREEN R XXL
Cranks

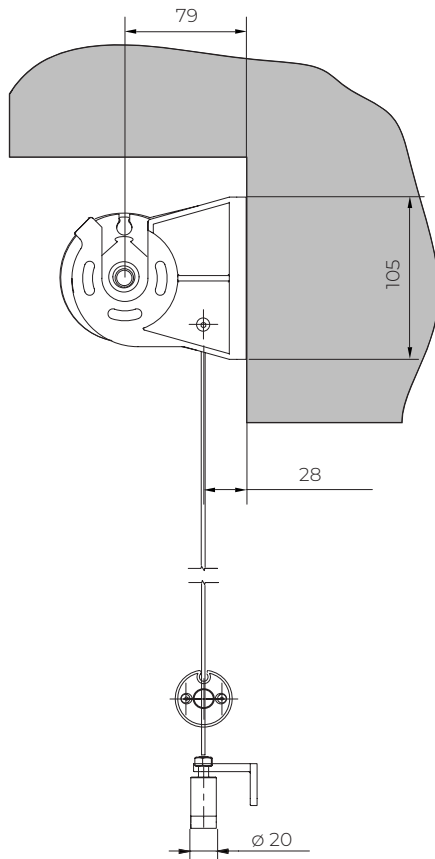
Awning crank



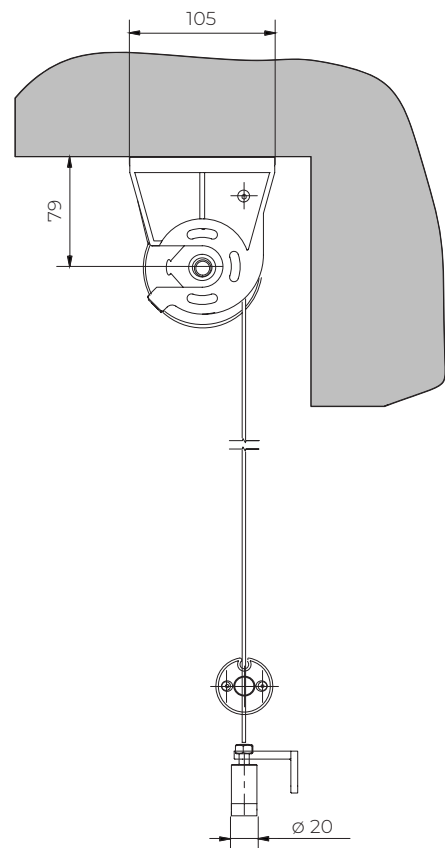
Detachable folding
crank - hook type



SCREEN R XXL
Wall mounting (Motor - Wire)

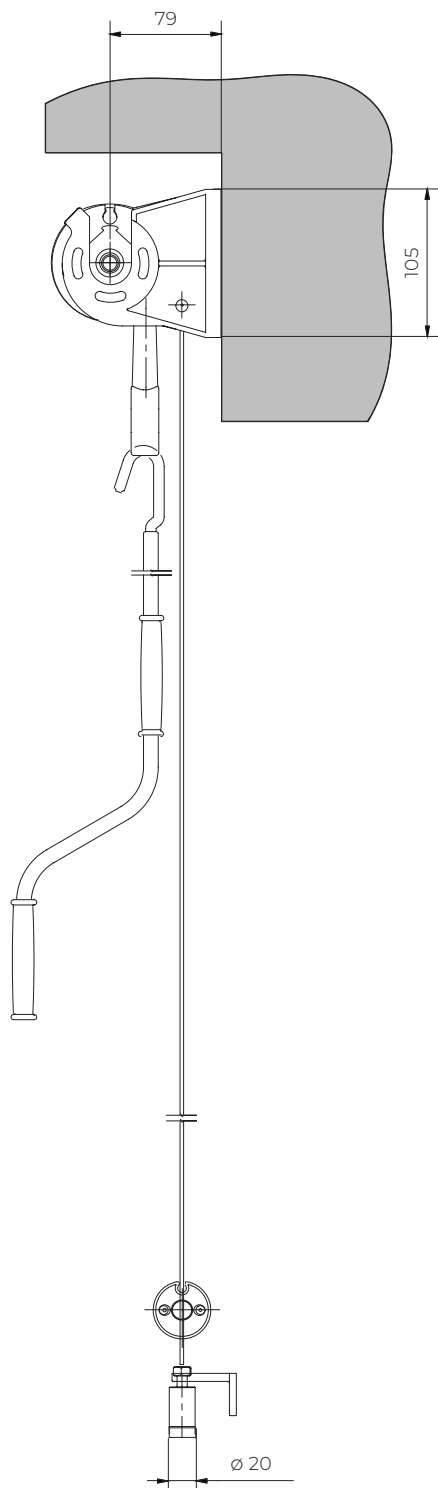


SCREEN R XXL
Ceiling installation (Motor - Wire)



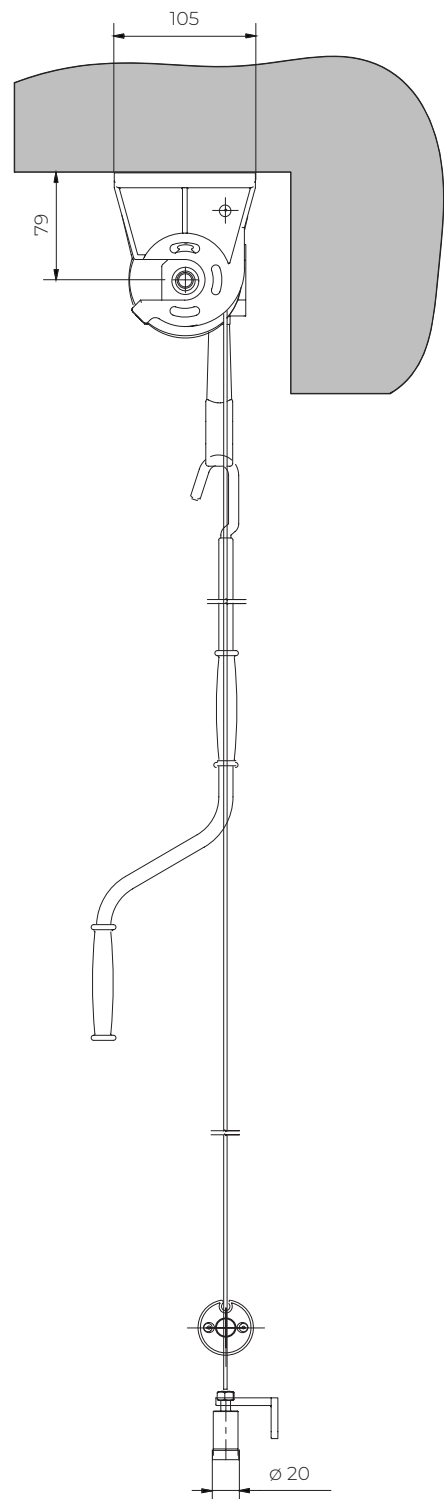
SCREEN R XXL

Wall mounting (Awning crank - Wire)



SCREEN R XXL

Ceiling installation (Awning crank - Wire)



SCREEN R XL

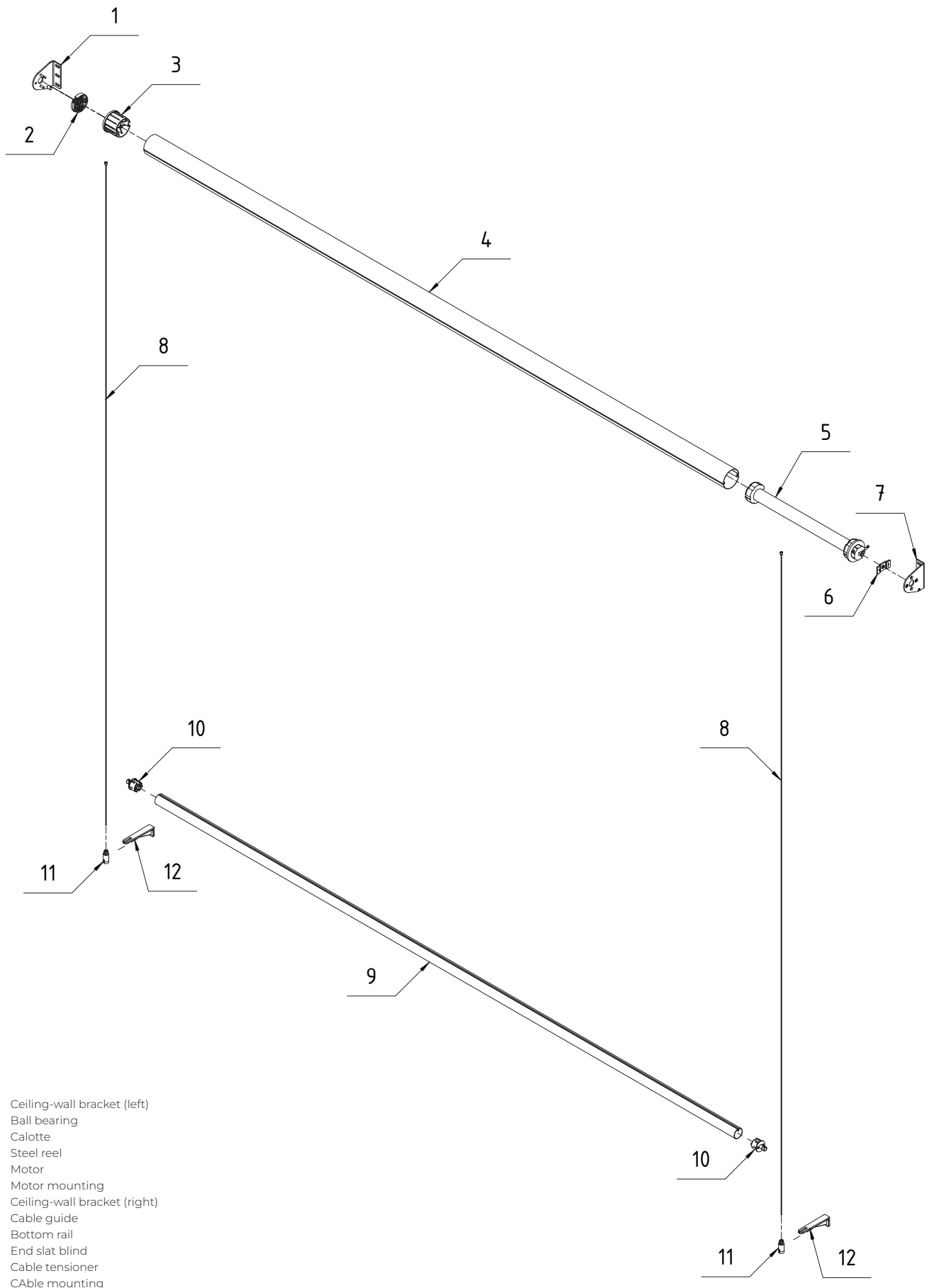
SCREEN R XL
Vertical sunshade

APPLICATION	
· External installation	YES
· Internal installation	YES

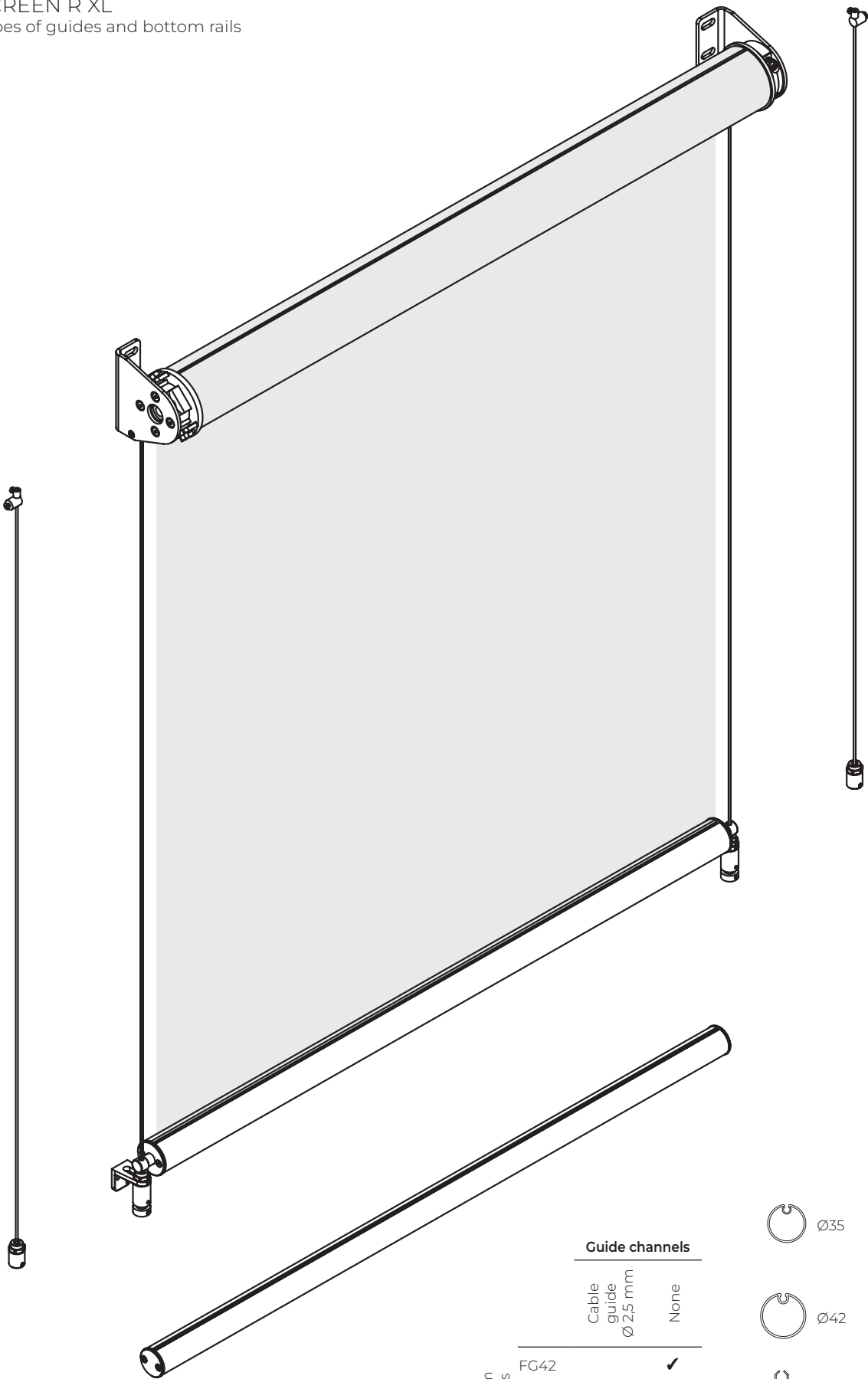
- PRODUCT CHARACTERISTICS
- Wide range of fabrics
 - Cassette-free system
 - Stainless steel cable guides
 - Wall and ceiling mounting

TECHNICAL PARAMETERS	
· Colour scheme	RAL
· Electric drive	YES
· Manual drive	YES
· Maximum external width (Wire)	3000 mm
· Maximum external height (Wire)	3000 mm
· Maximum internal width	4000 mm
· Maximum interior height	4000 mm

SCREEN R XL
Exploded view



SCREEN R XL
Types of guides and bottom rails



Guide channels

	Cable guide Ø 2,5 mm	None
FG42		✓
Ø35		✓
Ø42	✓	✓

bottom
beams



Ø35

- Cable guide
Ø2.5

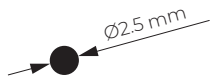


Ø42

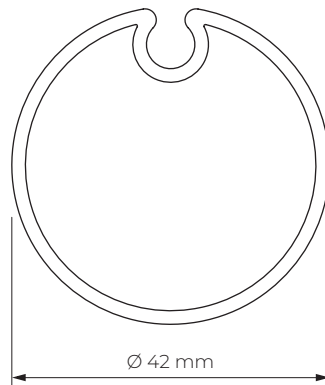


FG 42

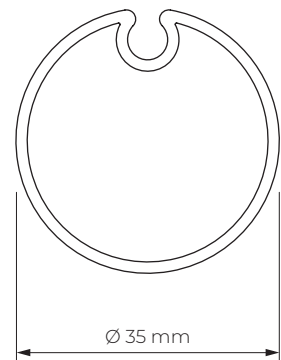
SCREEN R XL
Cable guide



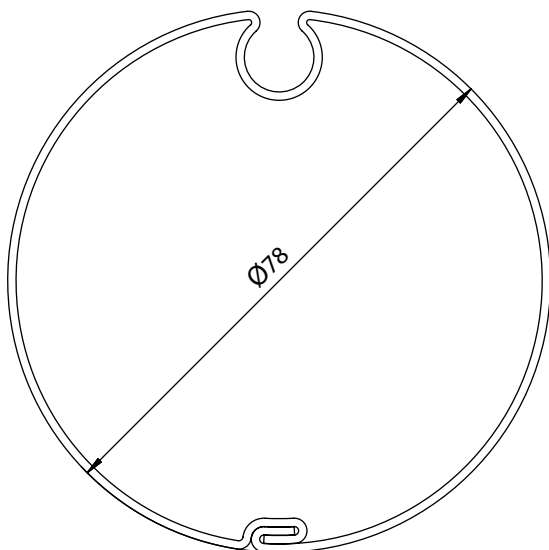
SCREEN R XL
Bottom rail $\varnothing 42$



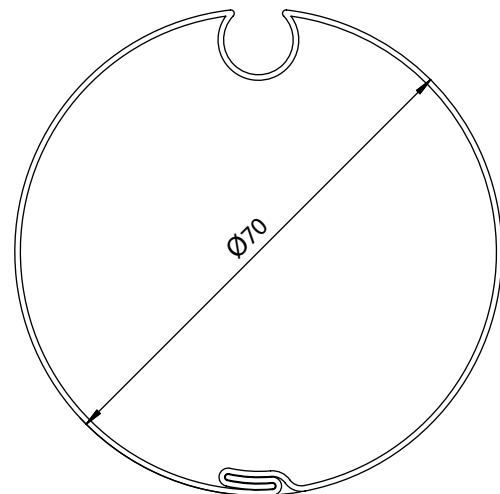
SCREEN R XL
Bottom rail $\varnothing 35$



SCREEN R XL
Galvanised steel winding tube $\varnothing 78$
(Used with screen fabrics up to 4 m)



SCREEN R XL
Galvanised steel winding tube $\varnothing 70$
(Available only with Soltis+crank+widths up to 3.5 m)

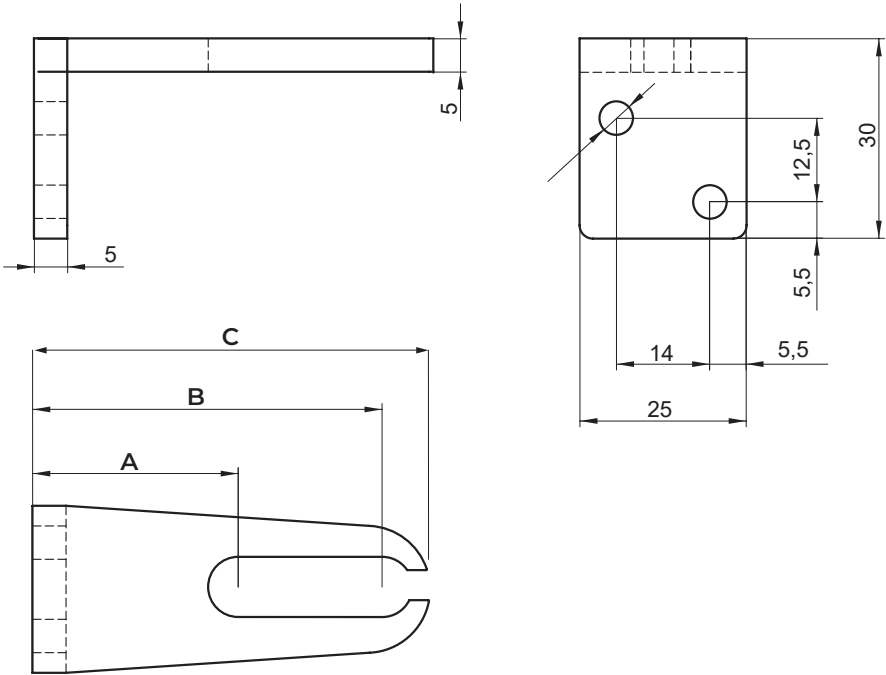


SCREEN R XL
Cable mounting brackets

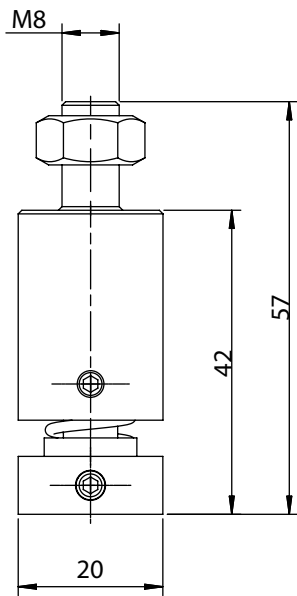
Cable mounting brackets available
in sizes:

A	B	C
15mm*	36mm*	46mm
29mm	50mm	60mm
55mm	76mm	86mm
83mm	104mm	114mm
111mm*	132mm*	142mm
139mm*	160mm*	170mm

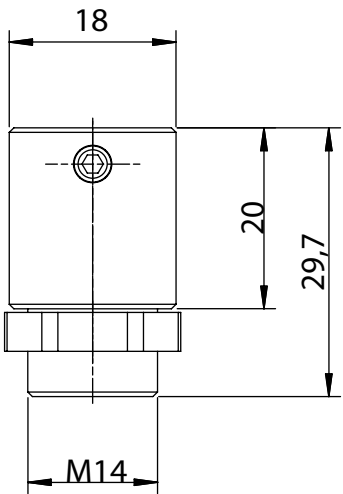
* made to order, longer lead times.



SCREEN R XL
Wall-mounted tensioner

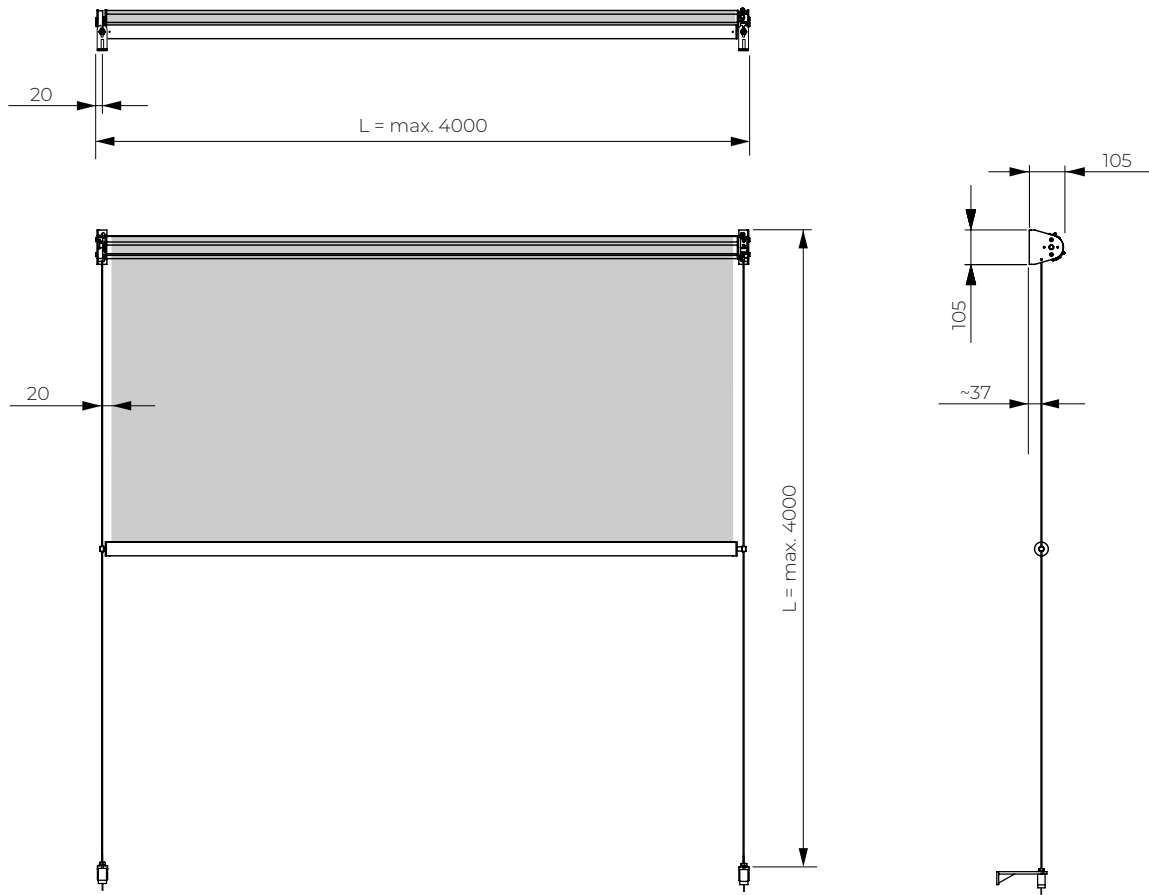


SCREEN R XL
Floor-mounted tensioner



SCREEN R XL

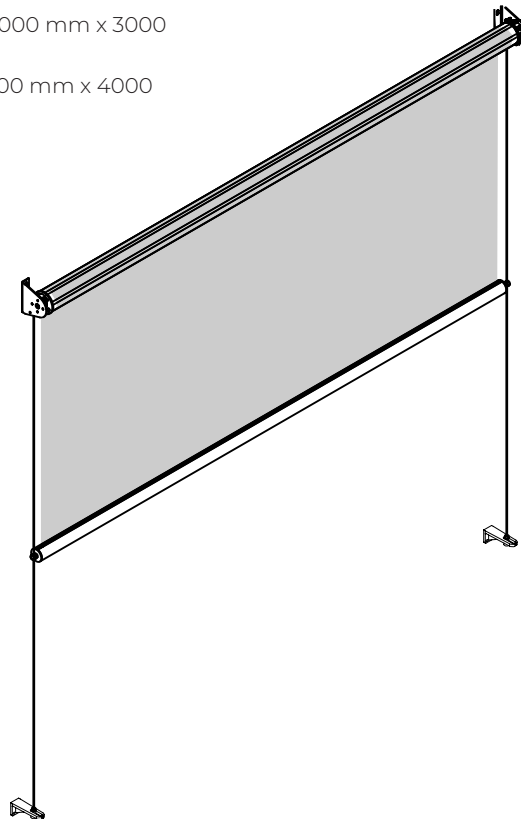
Dimension - Installation



SCREEN R XL

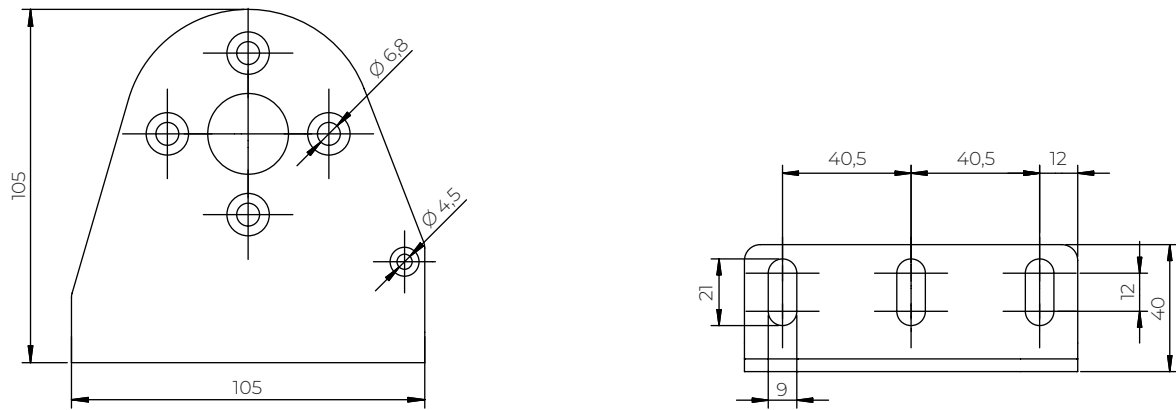
Maximum dimensions for outdoor use: 3000 mm x 3000 mm

Maximum dimensions for indoor use: 4500 mm x 4000 mm



SCREEN R XL

Ceiling or wall mounting - (wall-ceiling bracket).

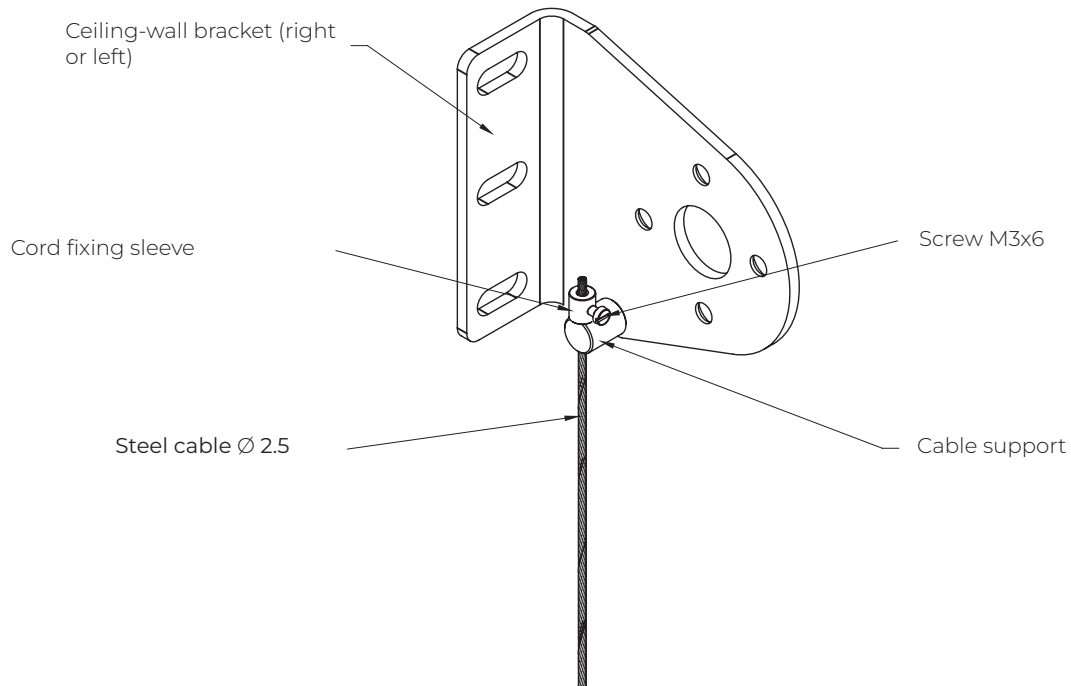


Ceiling-wall bracket
(for crank and motor)

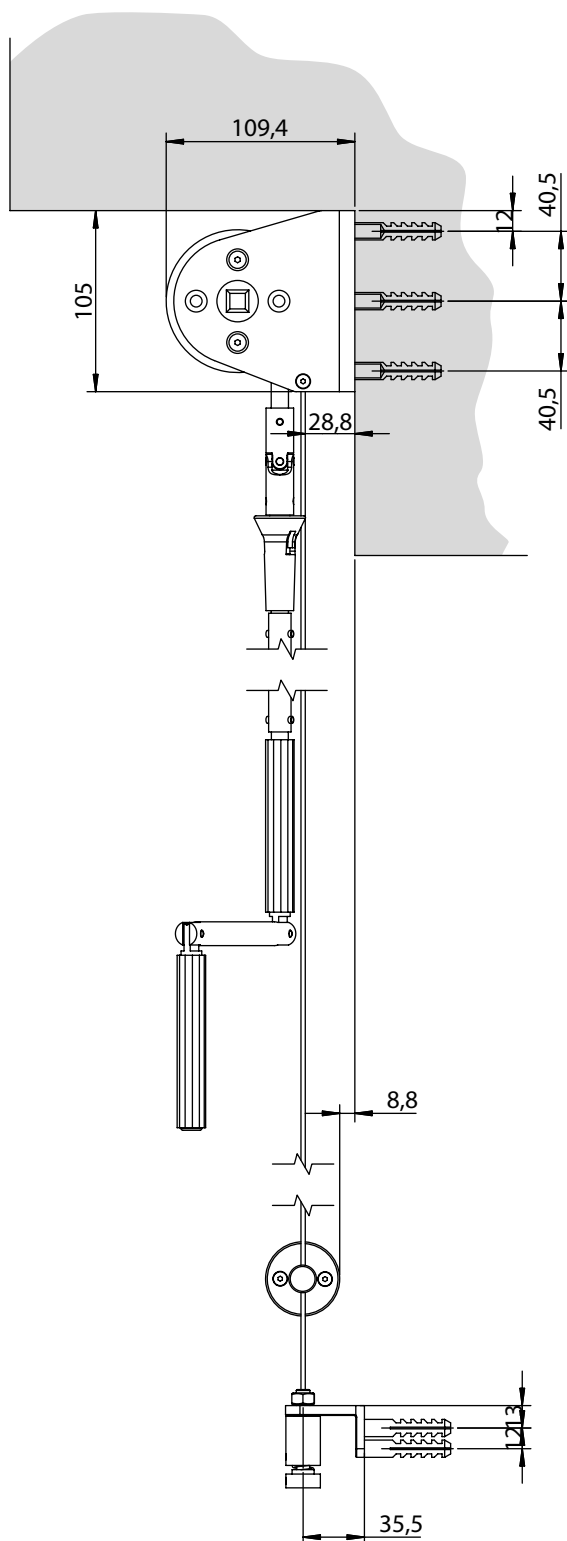
The left and right versions are mirror images of each other

SCREEN R XL

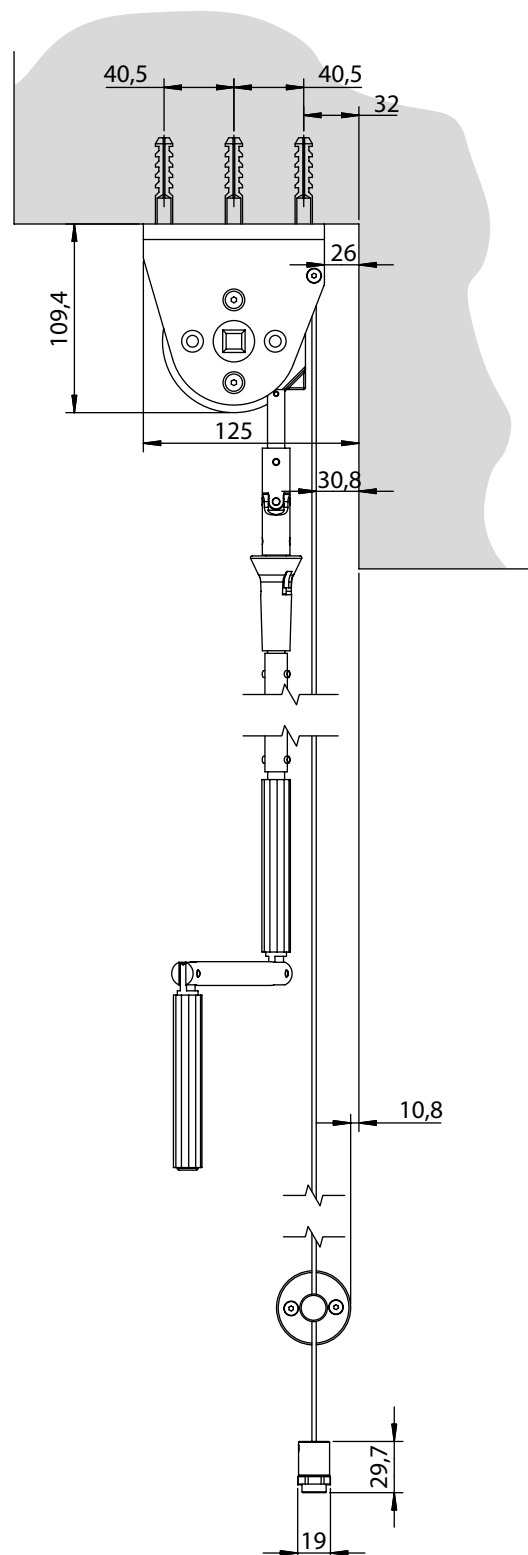
Cable mounting to wall-ceiling bracket



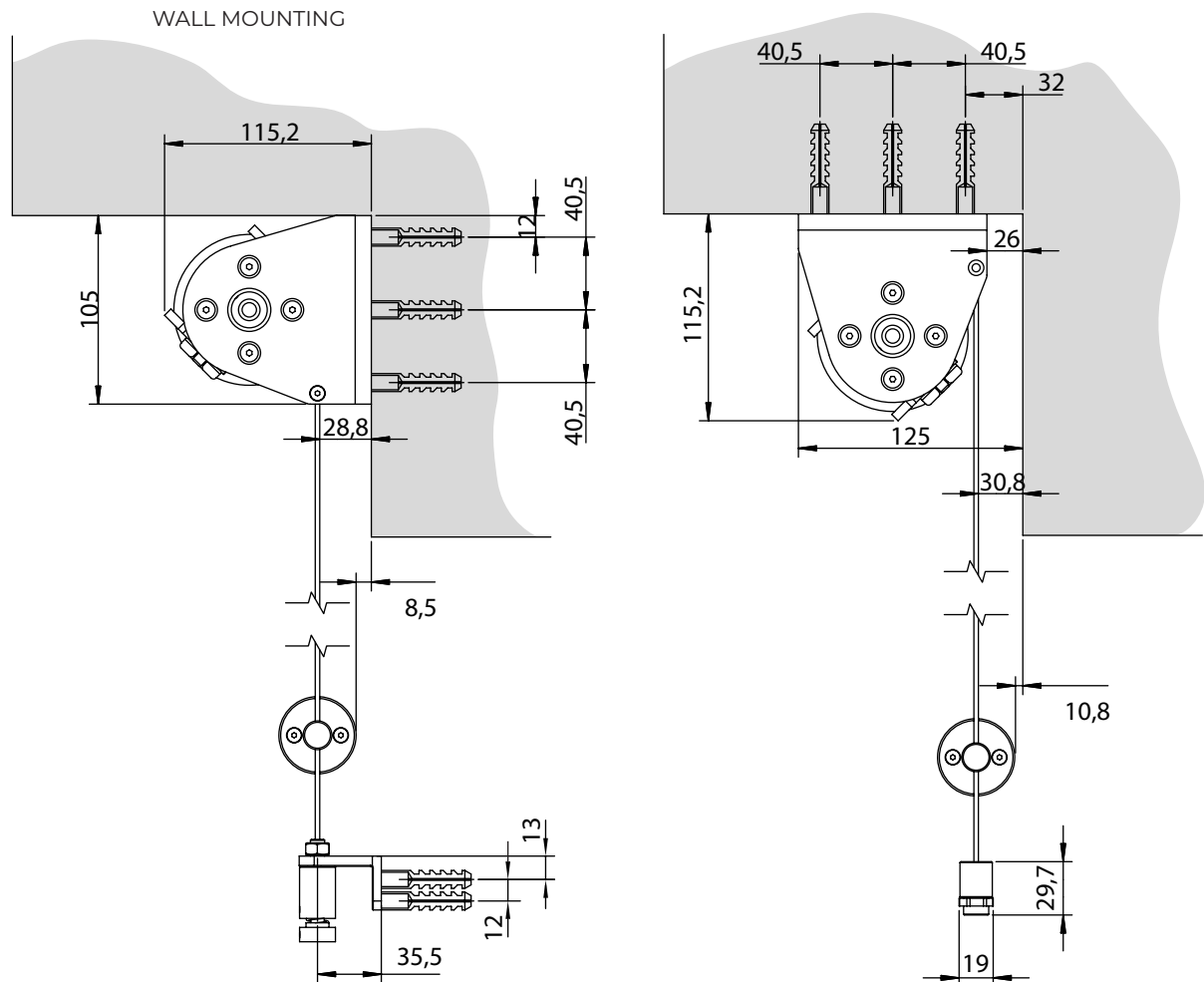
SCREEN R XL
Wall mounting



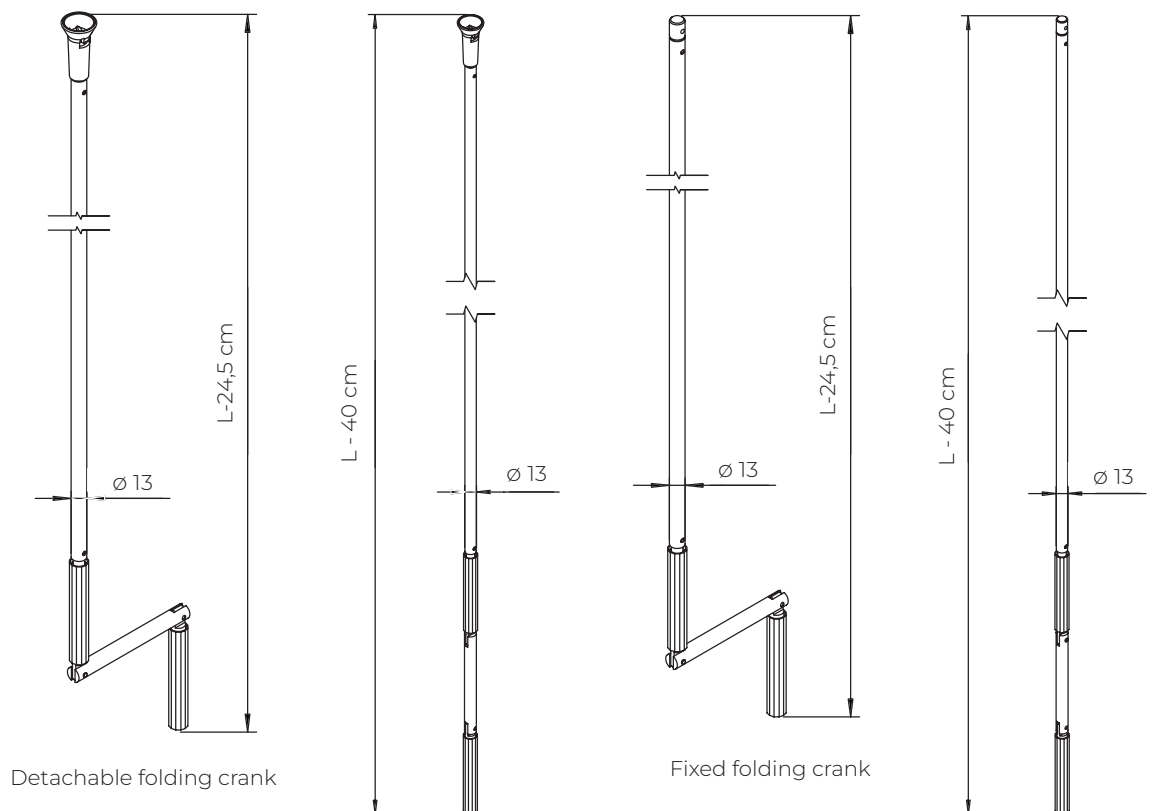
SCREEN R XL
Ceiling installation



SCREEN R XL
Motorised system



SCREEN R XL
Crank



SCREEN R XL MA

SCREEN R XL MA
Vertical sunshade

APPLICATION

- | | |
|-------------------------|-----|
| • External installation | NO |
| • Internal installation | YES |

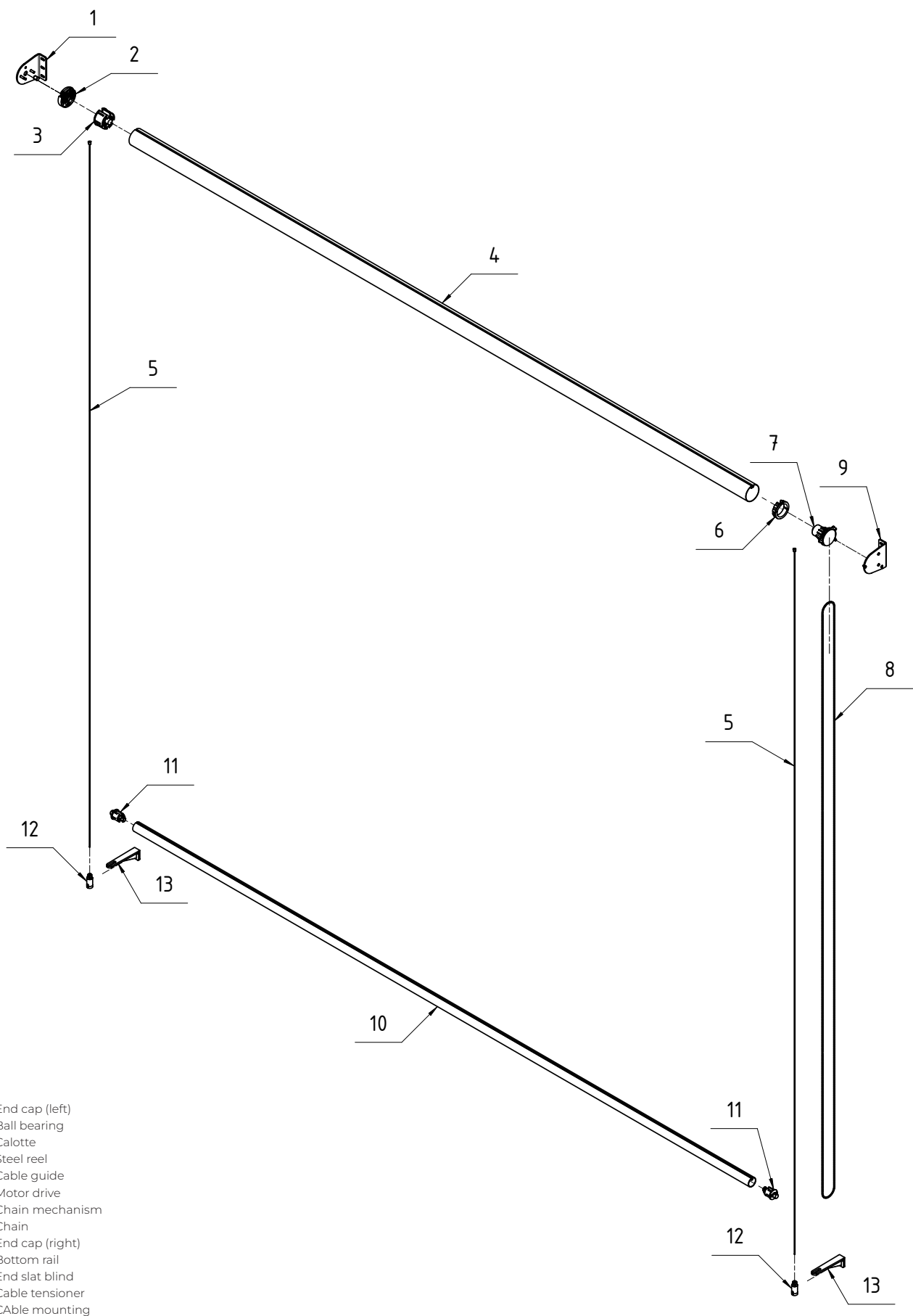
PRODUCT CHARACTERISTICS

- Wide range of fabrics
- Cassette-free system
- Chain mechanism
- Metal chain with a total length in a loop of 240 cm, 360 cm or 460 cm
- Stainless steel cable guides or free-hanging system
- Wall and ceiling mounting

TECHNICAL PARAMETERS

- | | |
|---------------------------|----------------------------------|
| • Colour scheme | RAL |
| • Electric drive | NO |
| • Manual drive | YES (metal chain) |
| • Maximum internal width | 3000 mm |
| • Maximum interior height | 3500 mm (max. 9 m ²) |

SCREEN R XL MA
Exploded view



1. End cap (left)
2. Ball bearing
3. Calotte
4. Steel reel
5. Cable guide
6. Motor drive
7. Chain mechanism
8. Chain
9. End cap (right)
10. Bottom rail
11. End slat blind
12. Cable tensioner
13. Cable mounting

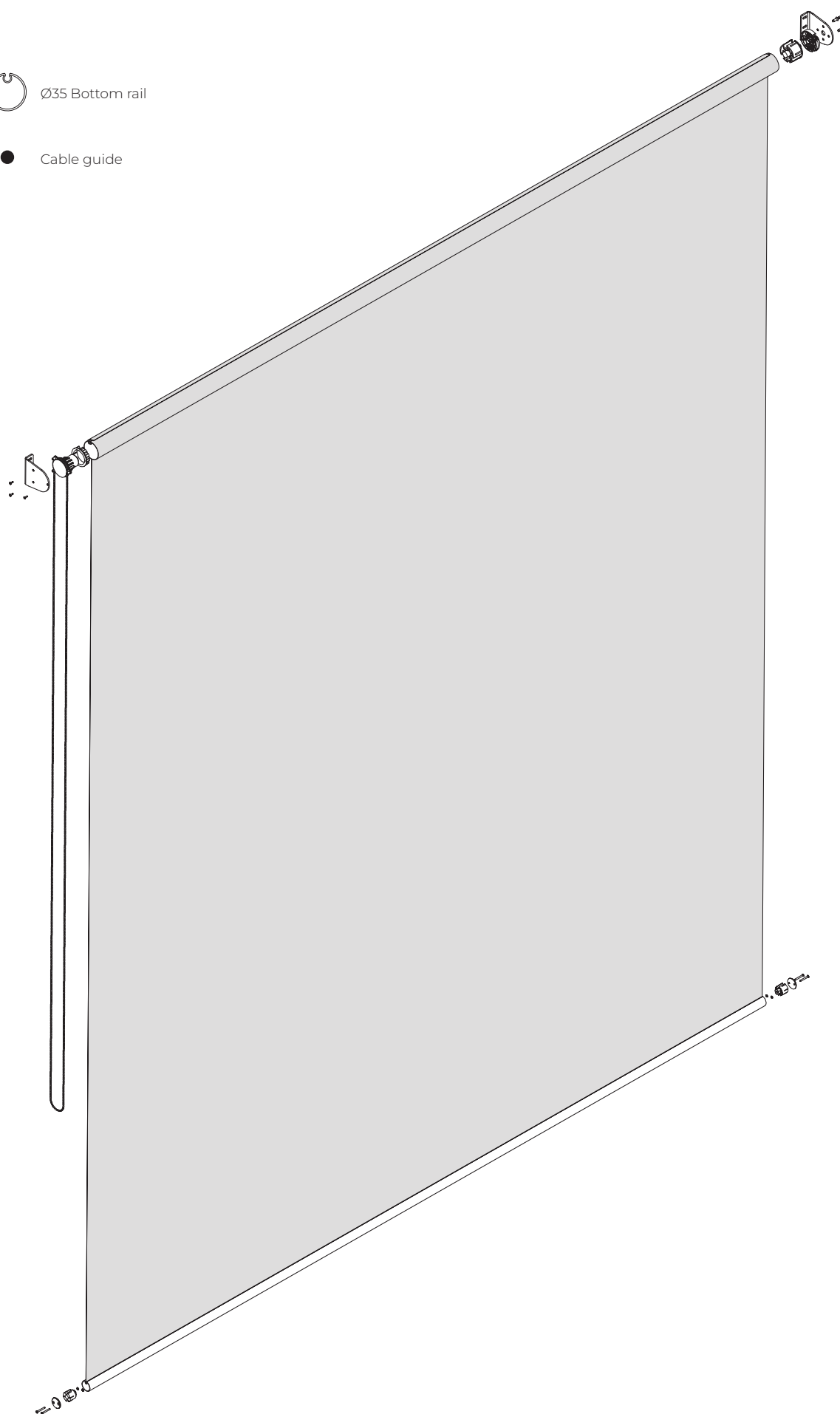
SCREEN R XL MA



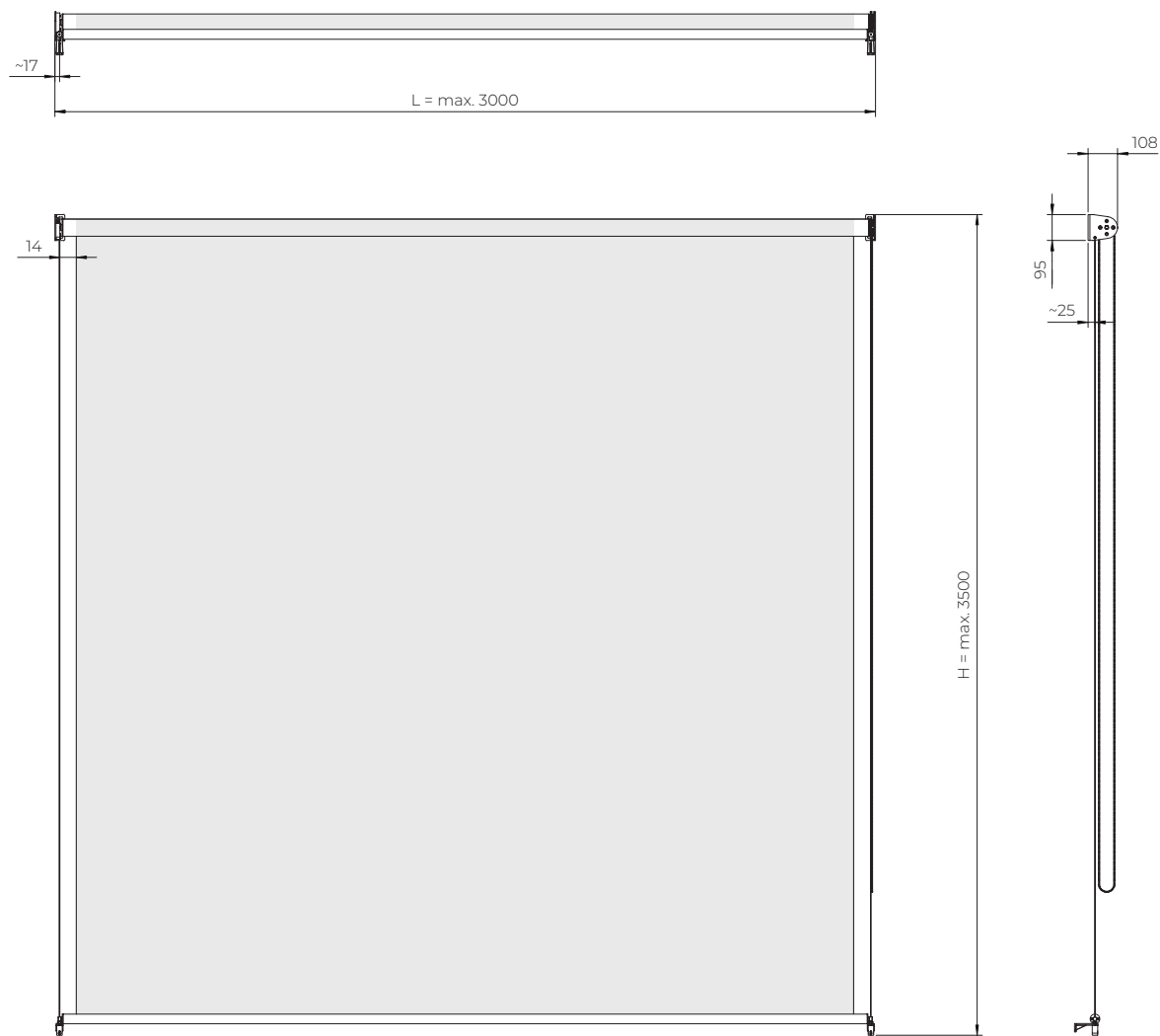
Ø35 Bottom rail



Cable guide



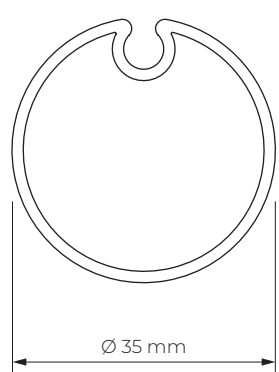
SCREEN R XL MA



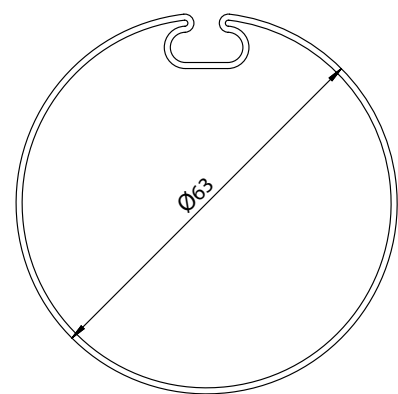
SCREEN R XL MA
Cable guide



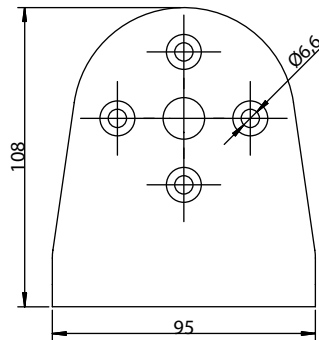
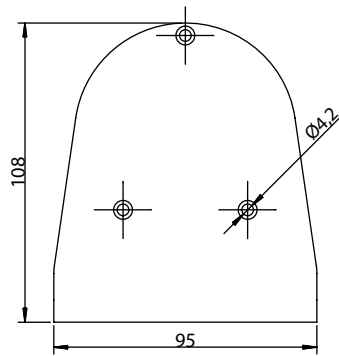
SCREEN R XL MA
Bottom rail Ø 35



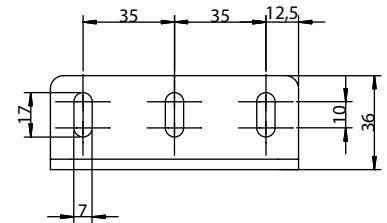
SCREEN R XL MA
Steel winding tube Ø 63 (for chain)



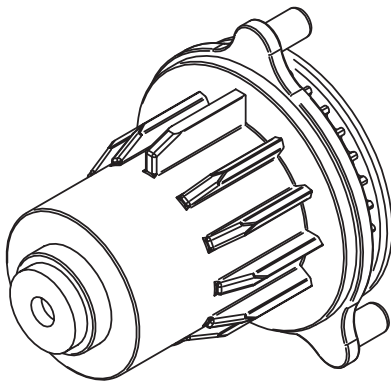
SCREEN R XL MA



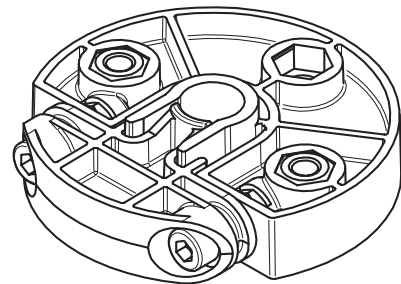
Wall and ceiling brackets for the chain.
Drive side / bearing side



SCREEN R XL MA
Chain mechanism

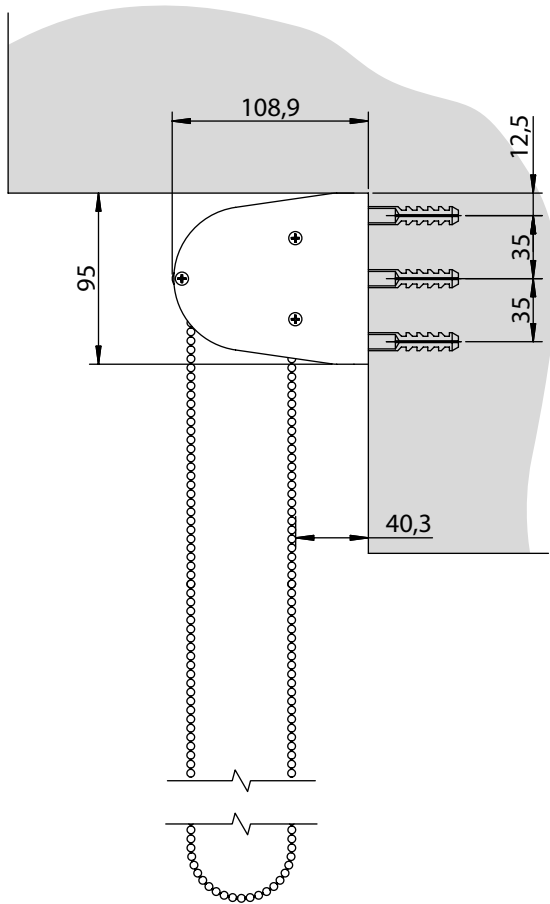


SCREEN R XL MA
Ball bearing

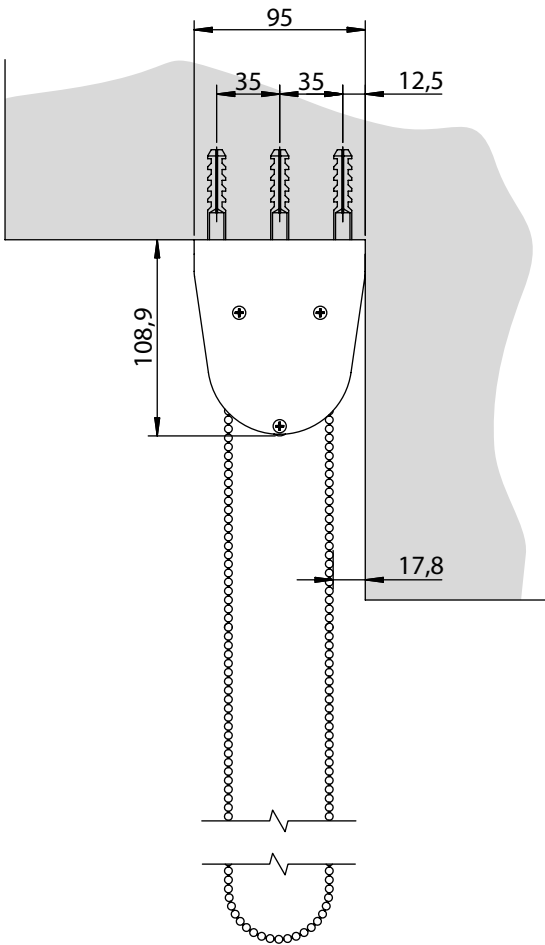


SCREEN R XL MA
Chain system

WALL MOUNTING

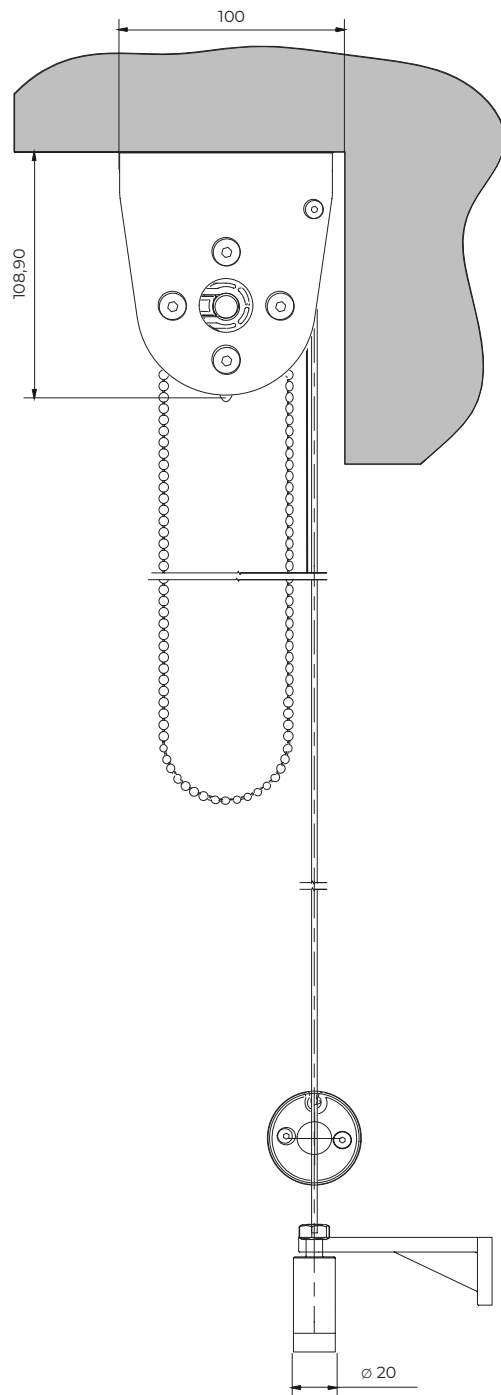


CEILING INSTALLATION

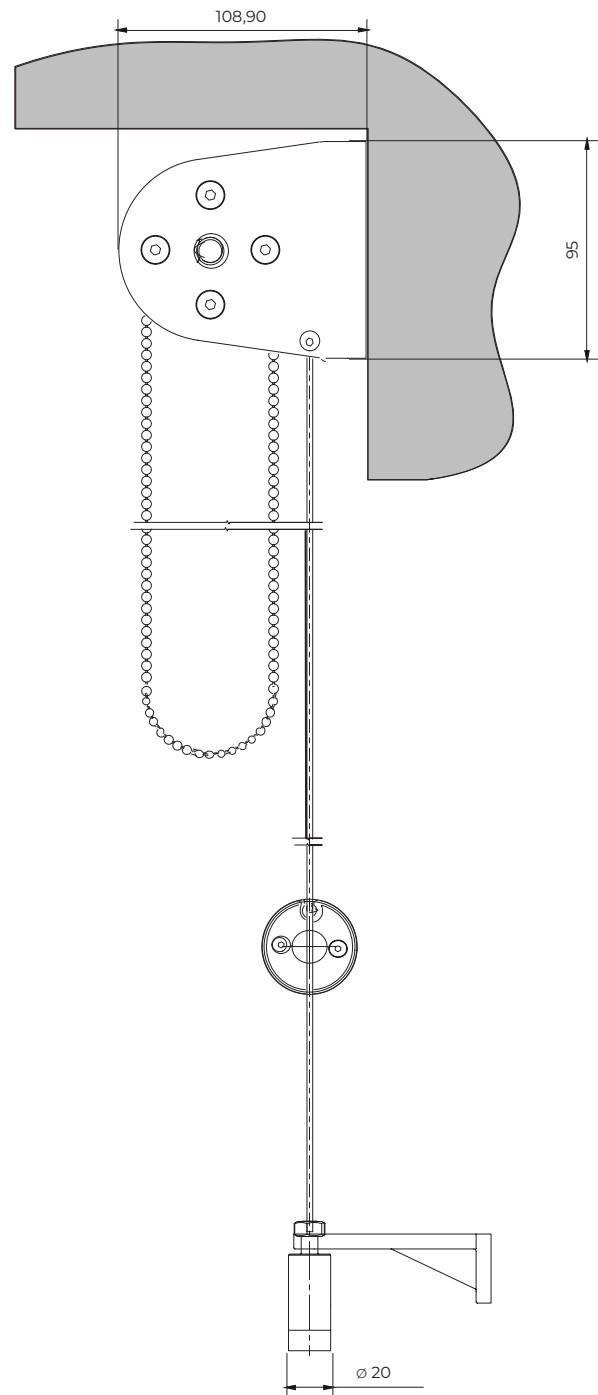


SCREEN R XL MA

CEILING INSTALLATION



WALL MOUNTING



SCREEN R XS

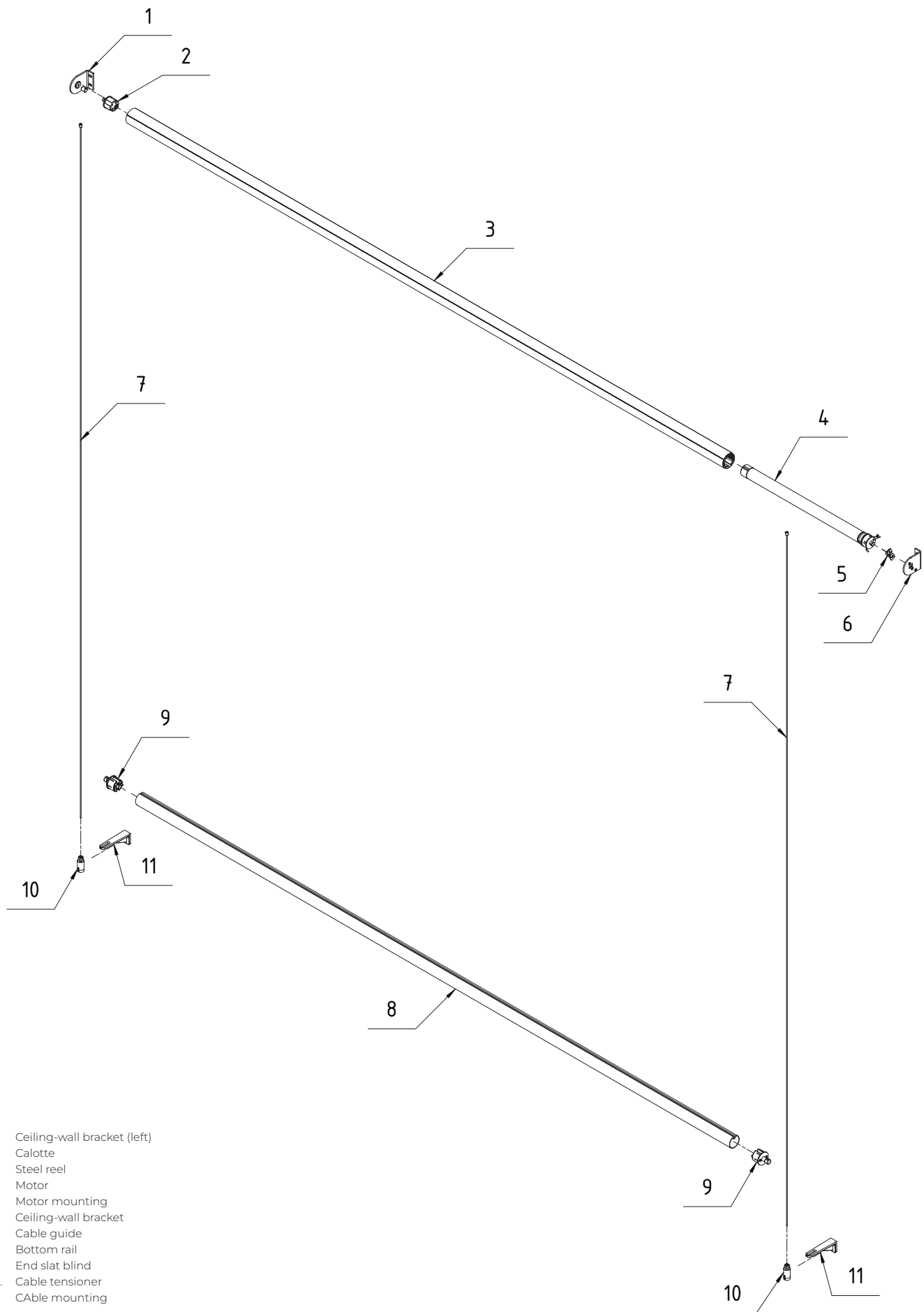
SCREEN R XS
Vertical sunshade

APPLICATION	
· External installation	NO
· Internal installation	YES

- PRODUCT CHARACTERISTICS
- Wide range of fabrics
 - Cassette-free system
 - Stainless steel cable guides
 - Wall and ceiling mounting

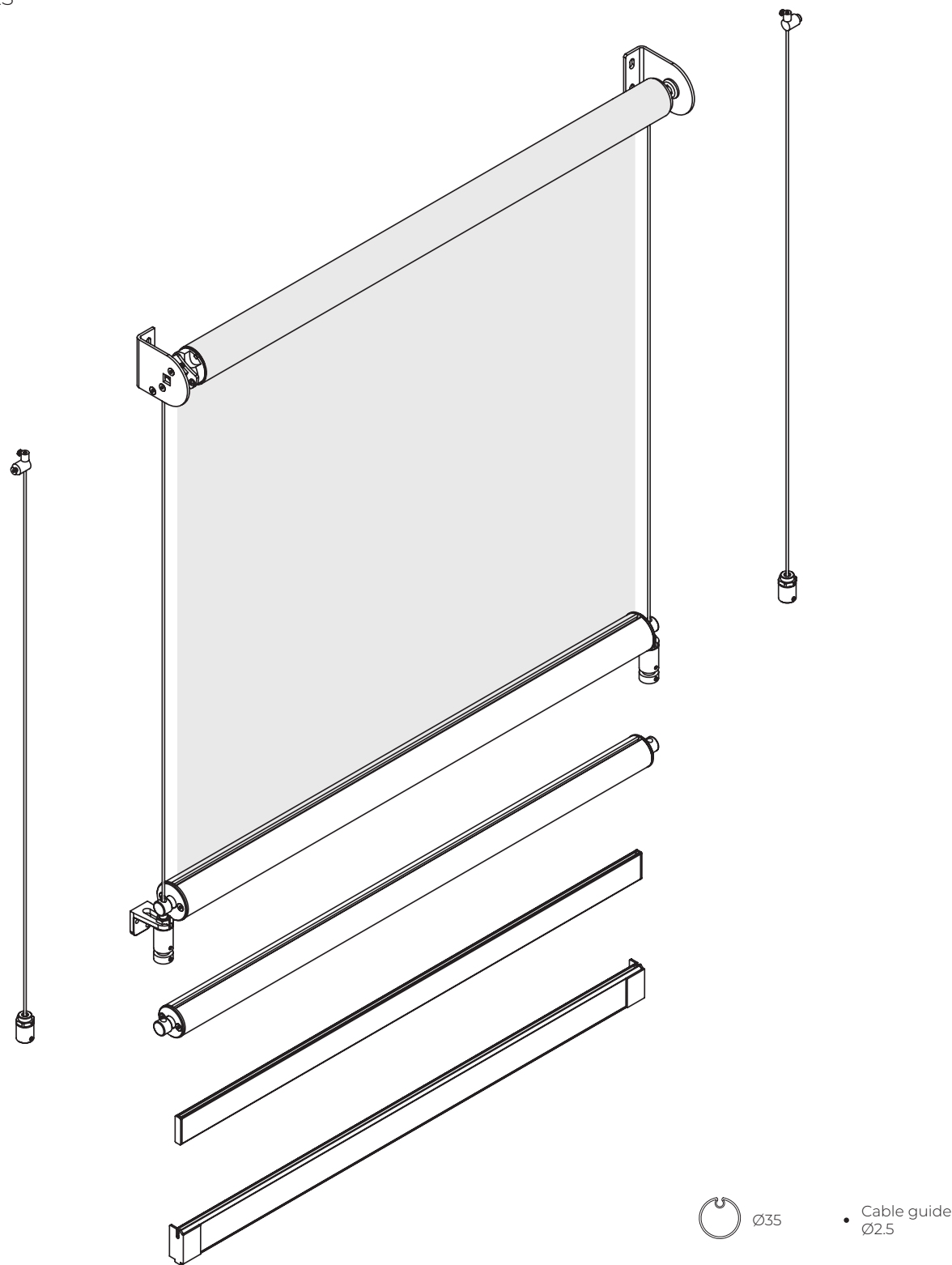
TECHNICAL PARAMETERS	
· Colour scheme	RAL
· Electric drive	YES
· Manual drive	YES
· Maximum width	2600 mm
· Maximum height	2600 mm

SCREEN R XS
Exploded view



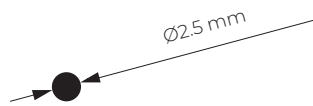
1. Ceiling-wall bracket (left)
2. Calotte
3. Steel reel
4. Motor
5. Motor mounting
6. Ceiling-wall bracket
7. Cable guide
8. Bottom rail
9. End slat blind
10. Cable tensioner
11. Cable mounting

SCREEN R XS

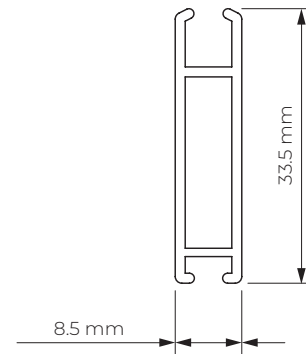


Guide channels	
	Cable guide Ø 2,5 mm
	None
FG 42	✓
FP33	✓
bottom beams	✓
Ø35	✓
Ø42	✓

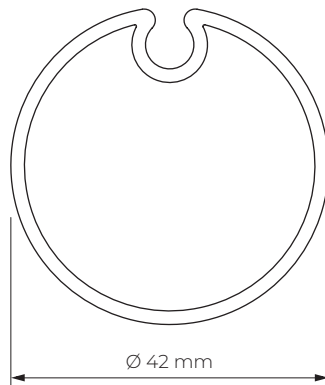
SCREEN R XS
Cable guide



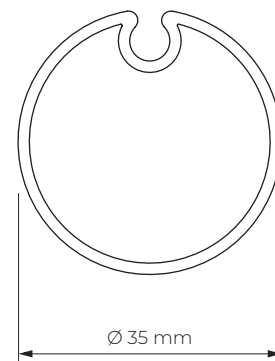
SCREEN R XS
Bottom rail FP33



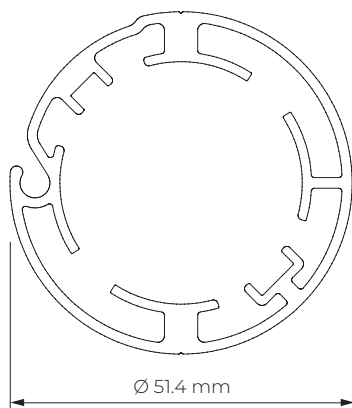
SCREEN R XS
Bottom rail $\varnothing 42$



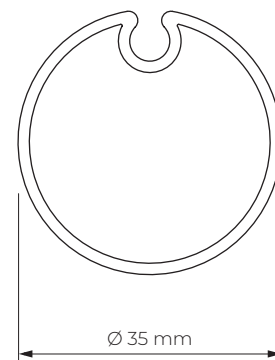
SCREEN R XS
Bottom rail $\varnothing 35$



SCREEN R XS
Aluminium coiling tube $\varnothing 51$



SCREEN R XS
Aluminium winding tube $\varnothing 35$ for manual operation

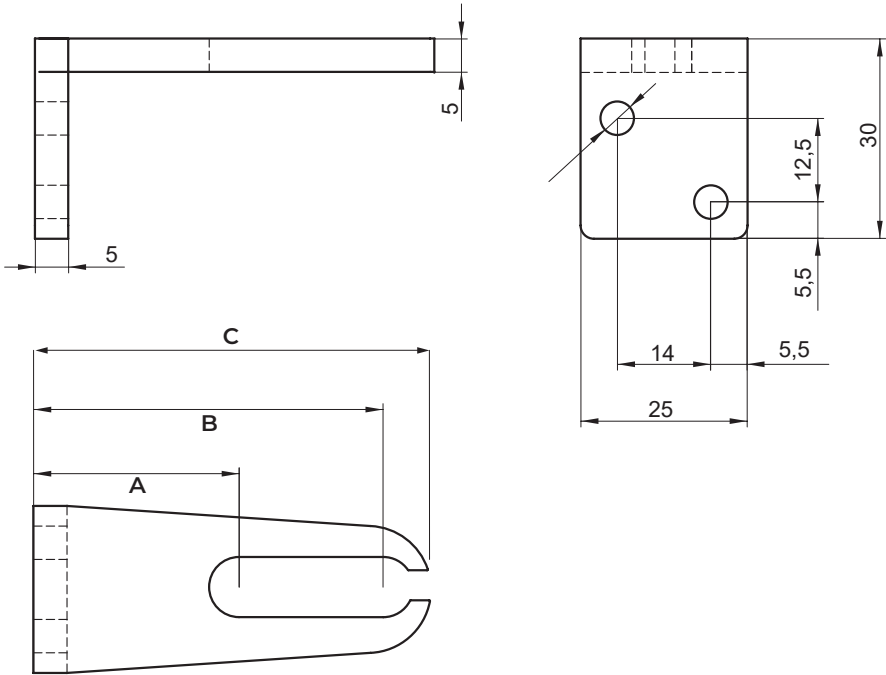


SCREEN R XS
Cable mounting brackets

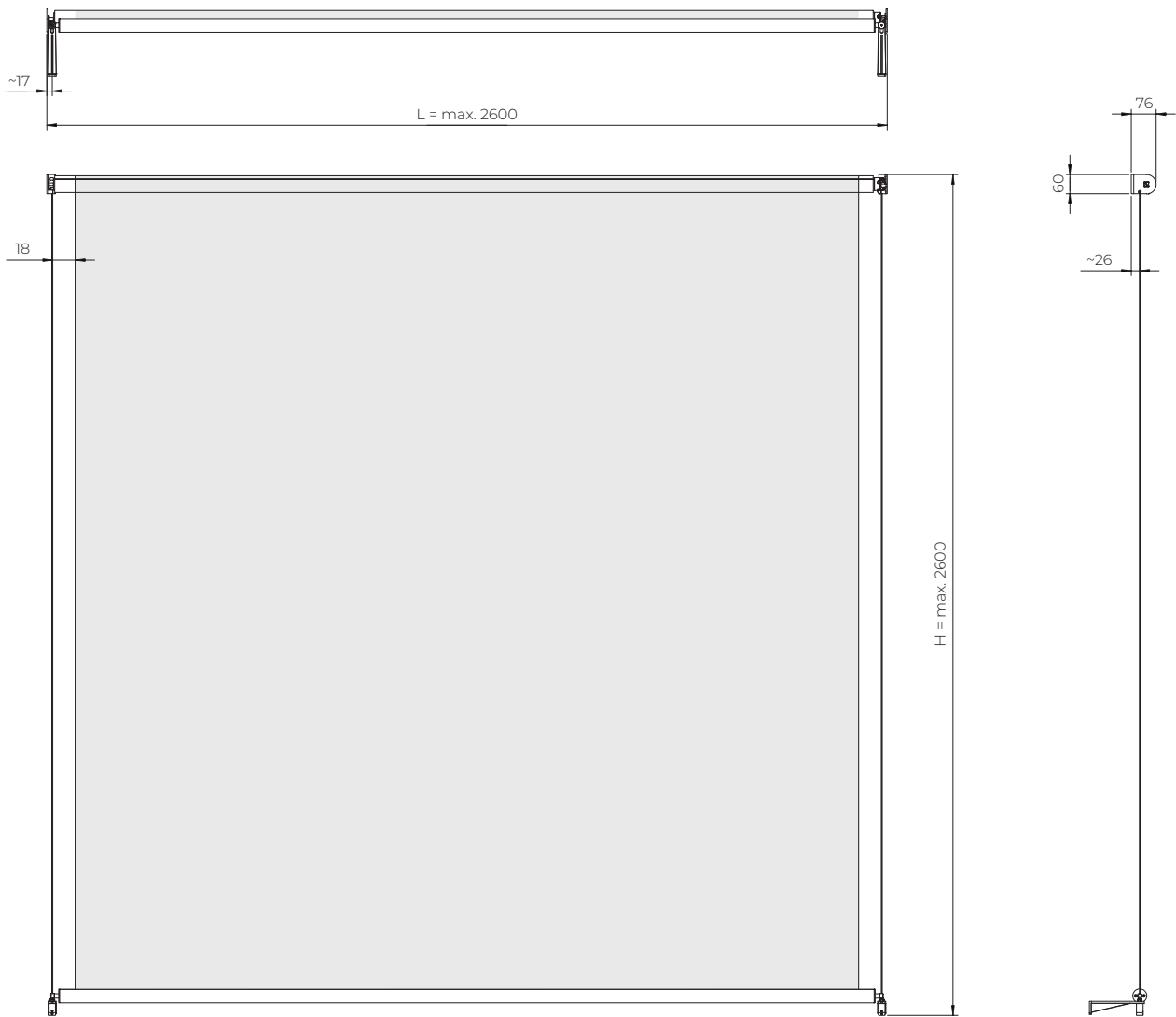
Cable mounting brackets available
in sizes:

A	B	C
15mm*	36mm*	46mm
29mm	50mm	60mm
55mm	76mm	86mm
83mm	104mm	114mm
111mm*	132mm*	142mm
139mm*	160mm*	170mm

* made to order, longer lead times.

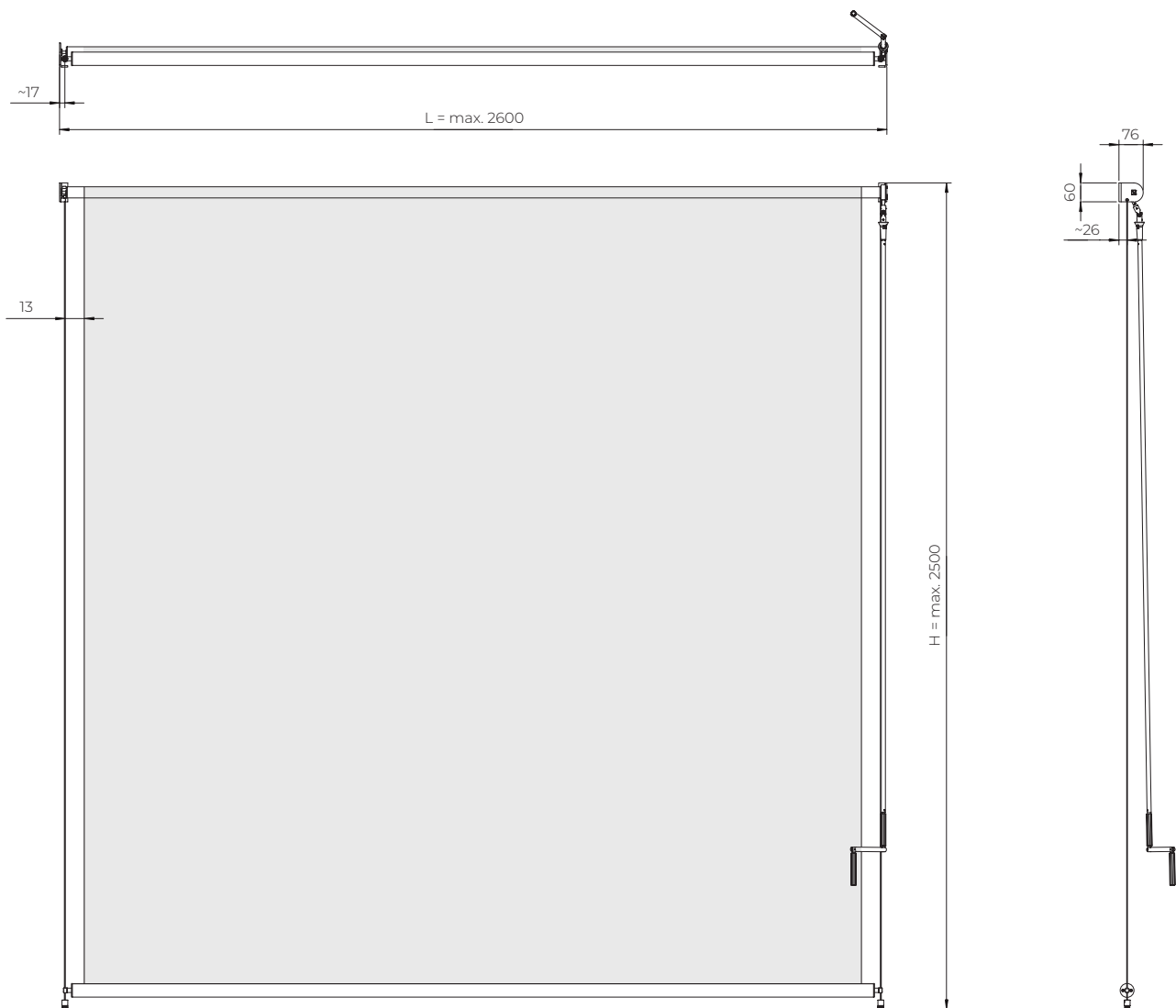


SCREEN R XS
Dimensions – Installation (motor drive)



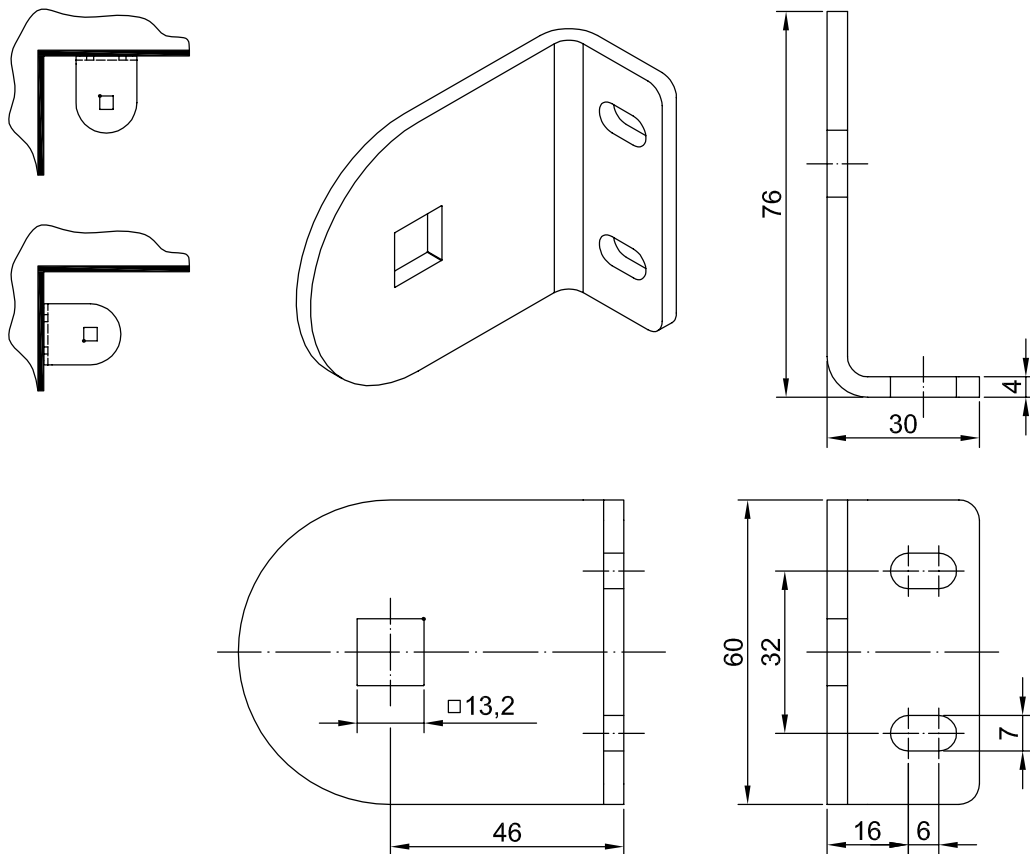
SCREEN R XS

Dimensions - Installation (manual drive)



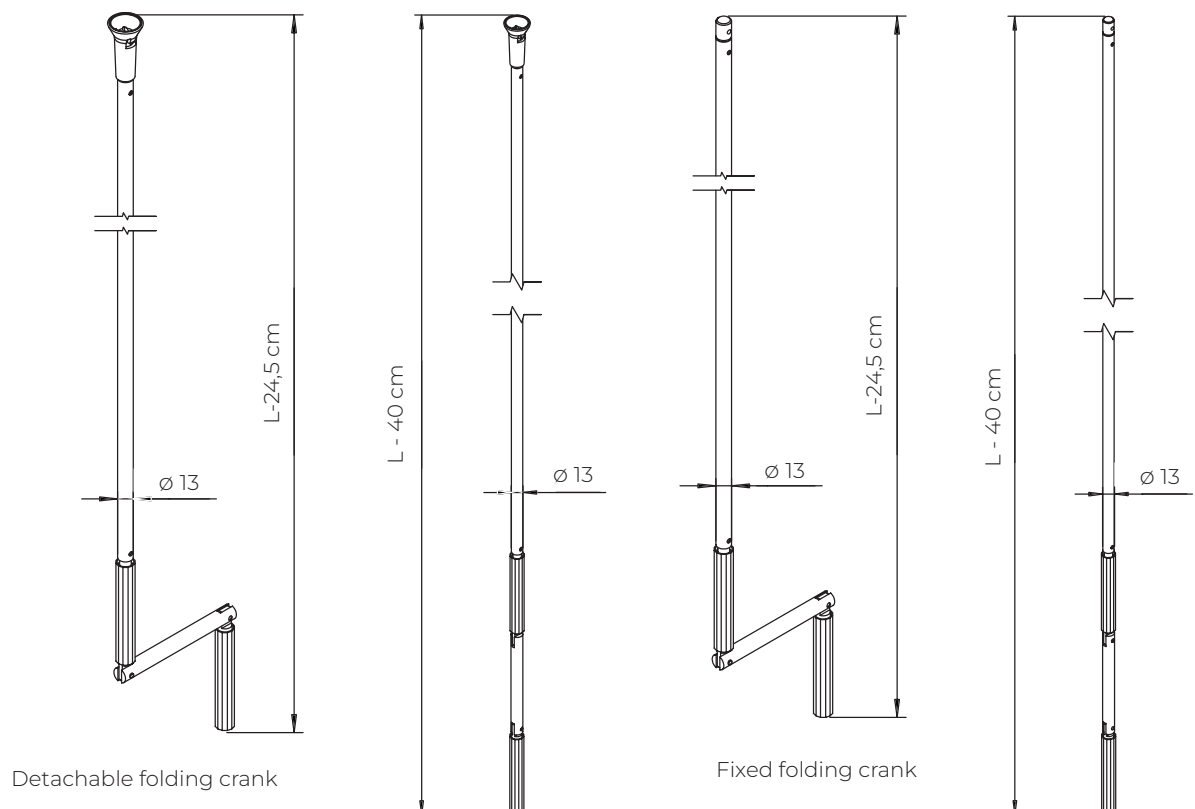
SCREEN R XS

Ceiling or wall mounting - (wall-ceiling bracket).



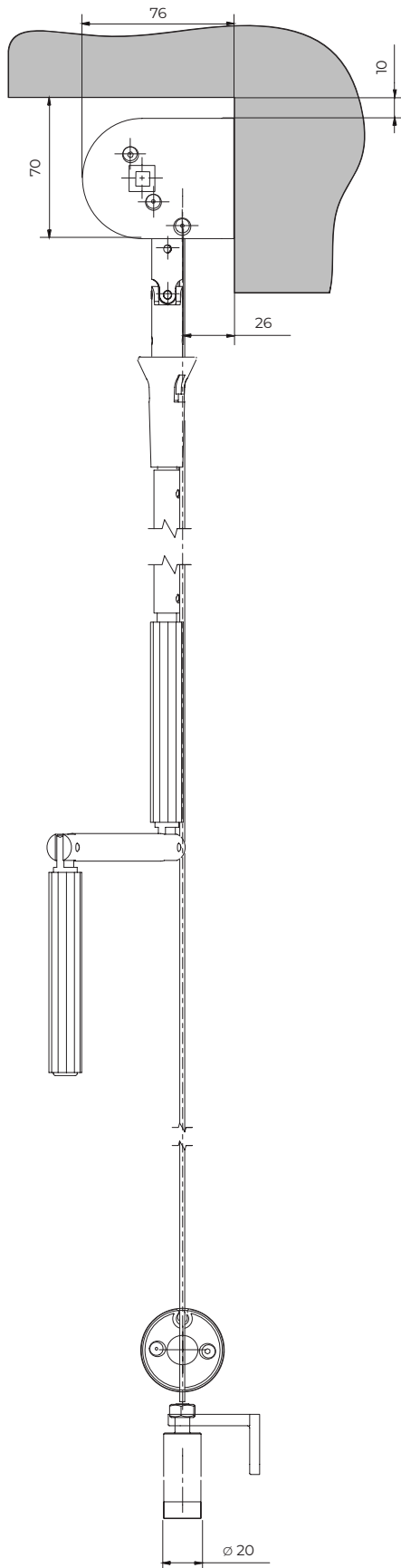
SCREEN R XS

Cranks



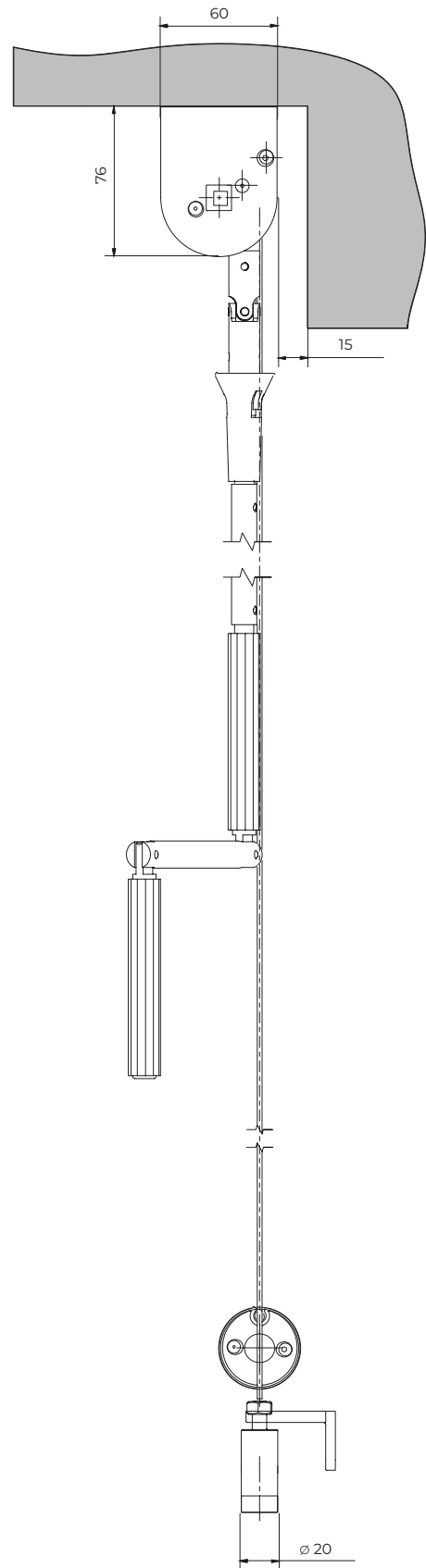
SCREEN R XS

Wall mounting (Handles)

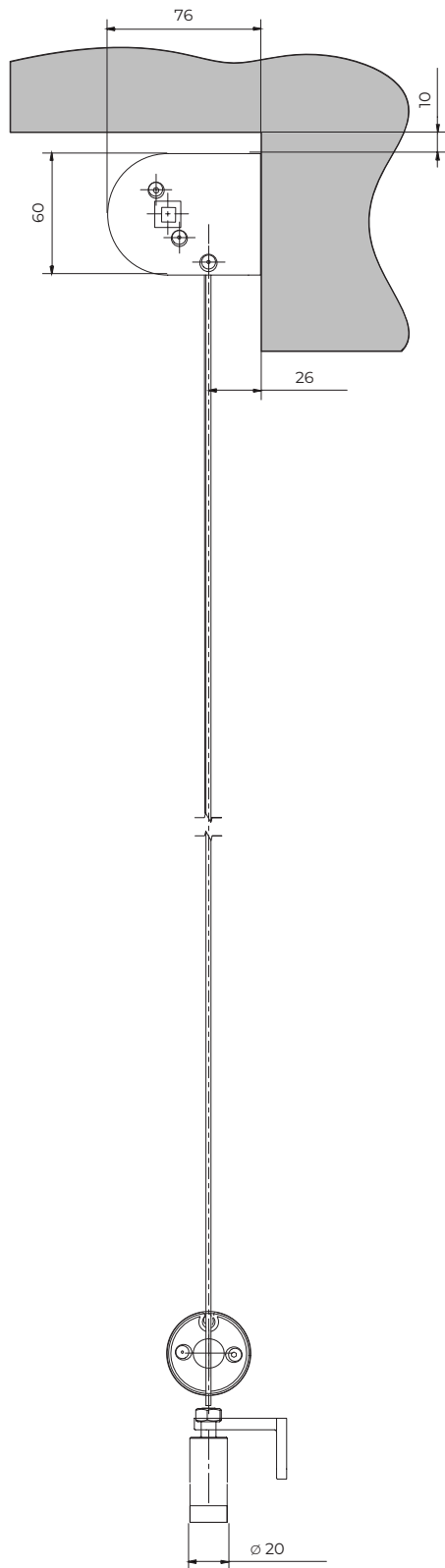


SCREEN R XS

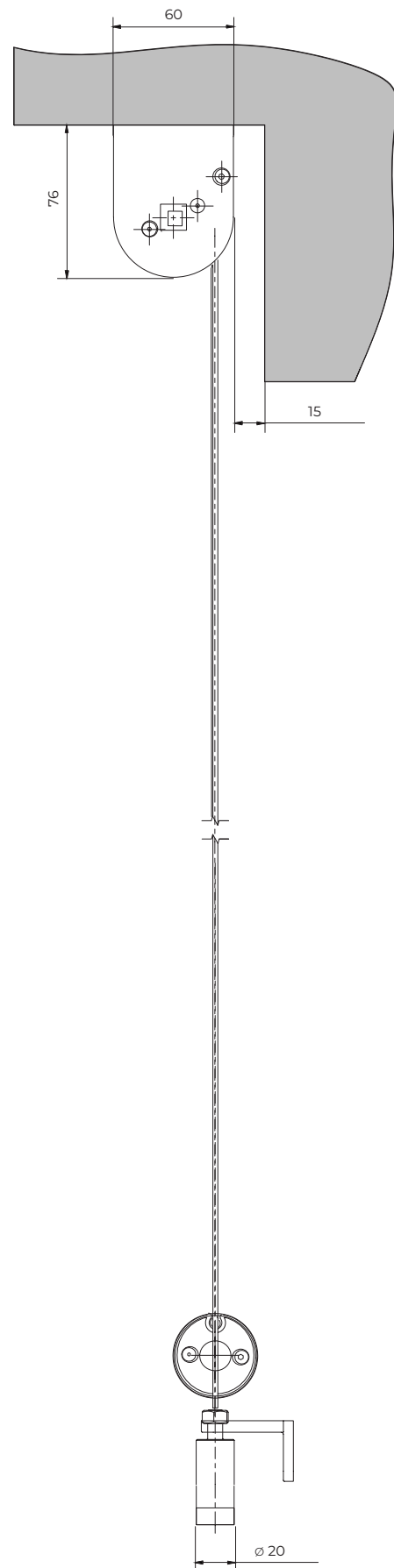
Ceiling installation (Handles)



SCREEN R XS
Wall mounting (Motor)



SCREEN R XS
Ceiling installation (Motor)



VERANDA

VERANDA IS A SUN PROtection system designed for installation in glazed roof sections, skylights and window structures such as conservatories. The Veranda system is used on horizontal and sloping surfaces, which is why it is often referred to as a horizontal blind. The fabrics used in the system, with their special properties, limit the amount of sunlight entering the room whilst increasing the amount of diffused light, ensuring a comfortable environment for work and relaxation indoors. The Veranda system is controlled exclusively by electricity and can be installed both on the roof and under the ceiling. It can also be fitted as a set of multiple modules, making it suitable even for large glazed areas. Veranda features a built-in fabric tensioning system, which guarantees smooth, friction-free operation when rolling the fabric out and into the cassette, as well as an aesthetically pleasing appearance of the taut fabric. Durability and reliability are ensured by a robust structure made of extruded aluminium, powder-coated in the colour of your choice (RAL palette).

APPLICATION:

- Sun protection and surface shading.

PRODUCT CHARACTERISTICS:

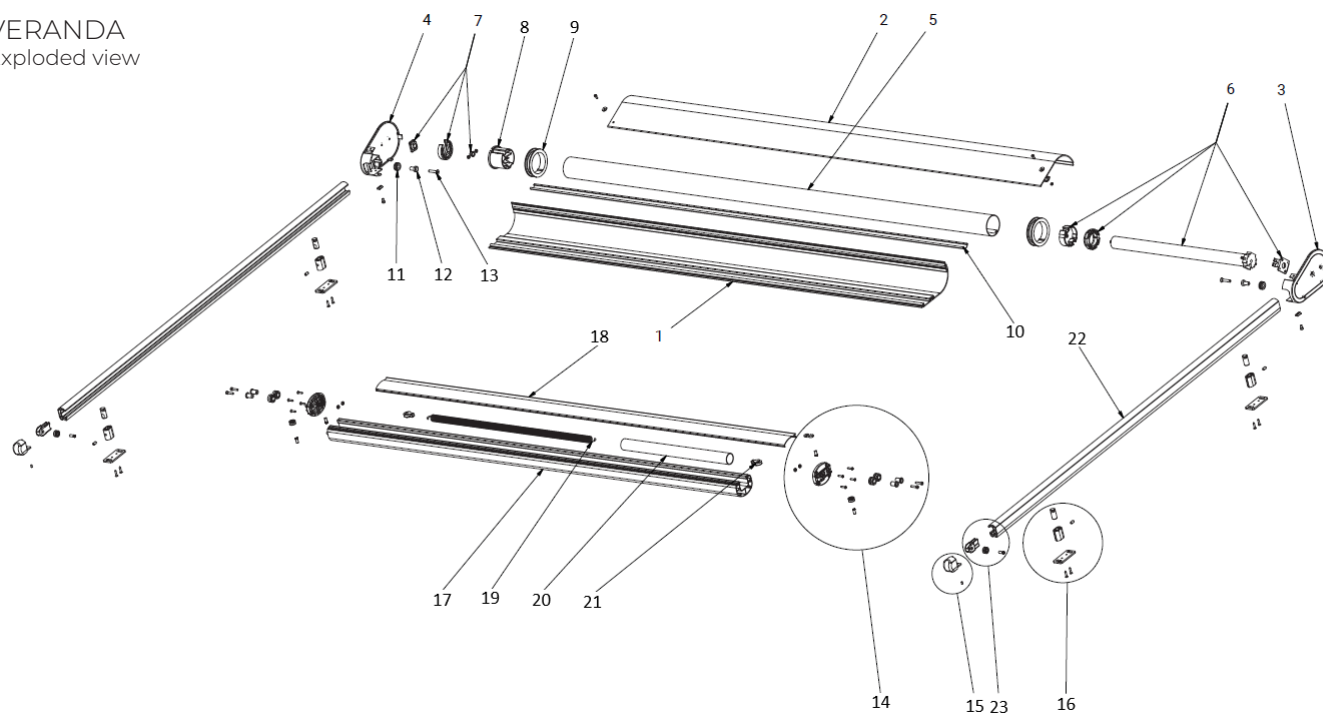
- Extruded aluminium structure
- Option to paint the structure in any RAL colour (optional)
- Electric drive only
- Modular installation available
- Roof mounting and the option of suspended mounting upon the customer's express request
- Features a fabric tensioning system located in the front beam

TECHNICAL PARAMETERS:

- Maximum module width 4500 mm
- Maximum height 5000 mm
- Outdoor use

VERANDA

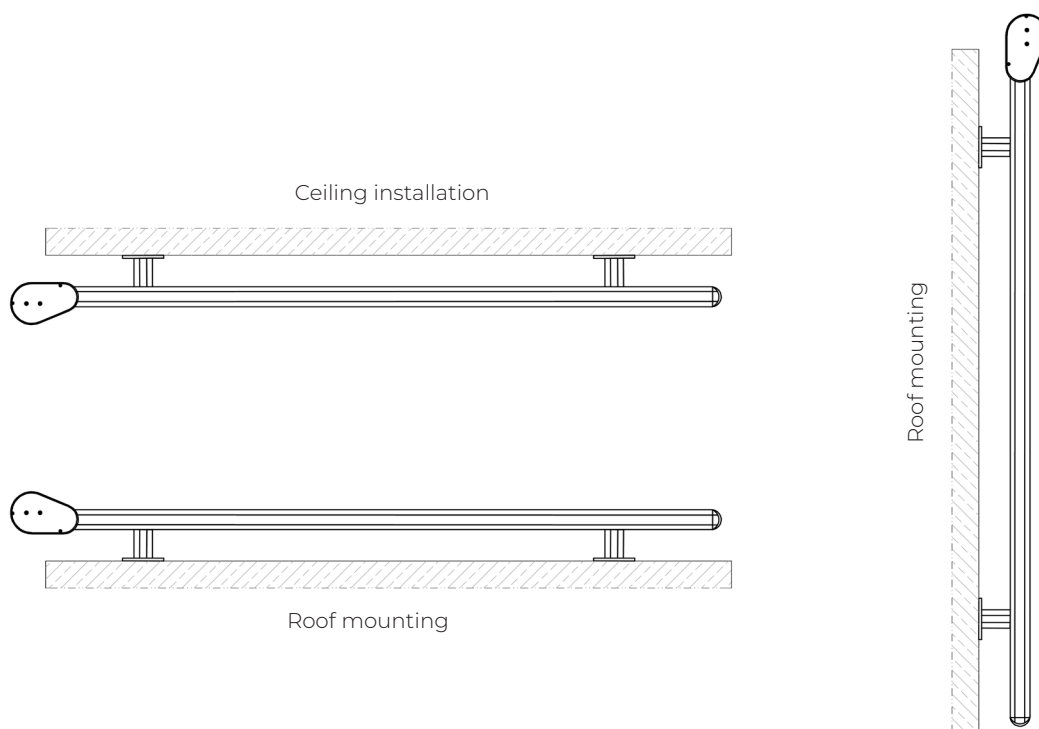
Exploded view



- | | | |
|------------------------------|-------------------------------|-------------------------------------|
| 1. Cassette – fixed part | 9. Pulley | 17. Bottom rail |
| 2. Inspection cover cassette | 10. Sliding profile | 18. Inspection cover for lower beam |
| 3. End cap - right | 11. Cover roller | 19. spring |
| 4. End cap - left | 12. Cover roller sleeve | 20. Spring cover |
| 5. Steel reel | 13. Screw M8x40 | 21. Single block |
| 6. Electric motor | 14. Lower beam side cover set | 22. Guide channel |
| 7. Slide bearing | 15. Blind for a guide channel | 23. End roller assembly, complete |
| 8. Winding tube end cap | 16. Guide channel handle | |

VERANDA

Types of mounting

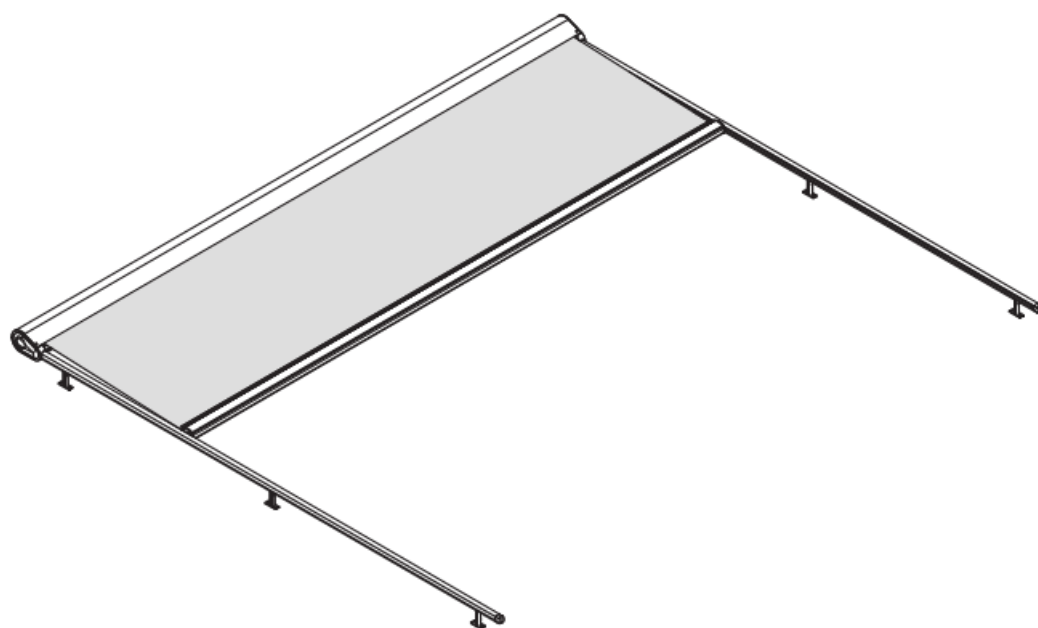
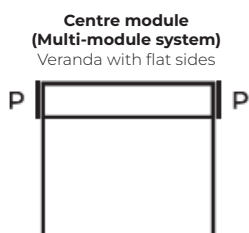
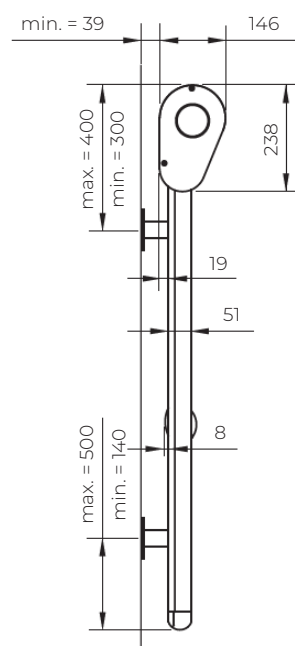
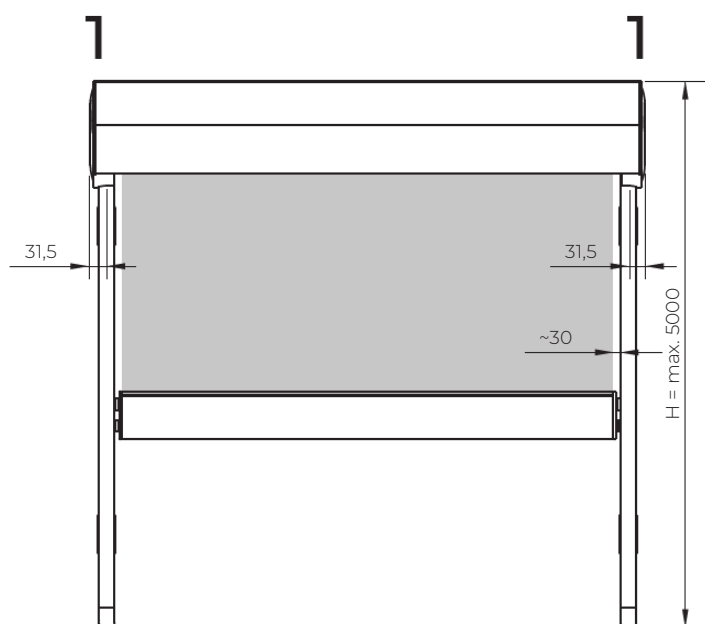
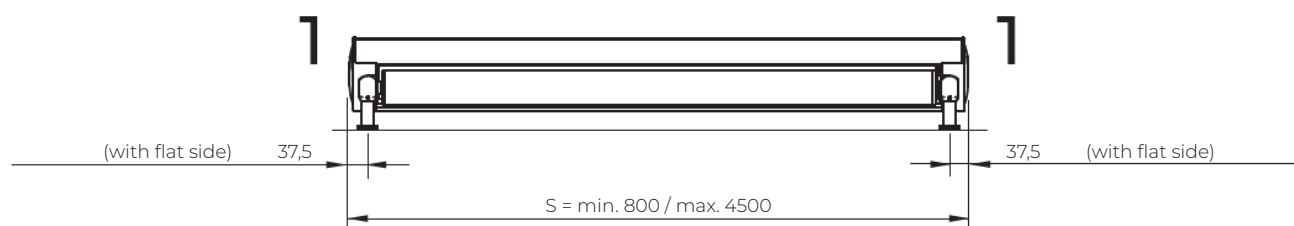


VERANDA

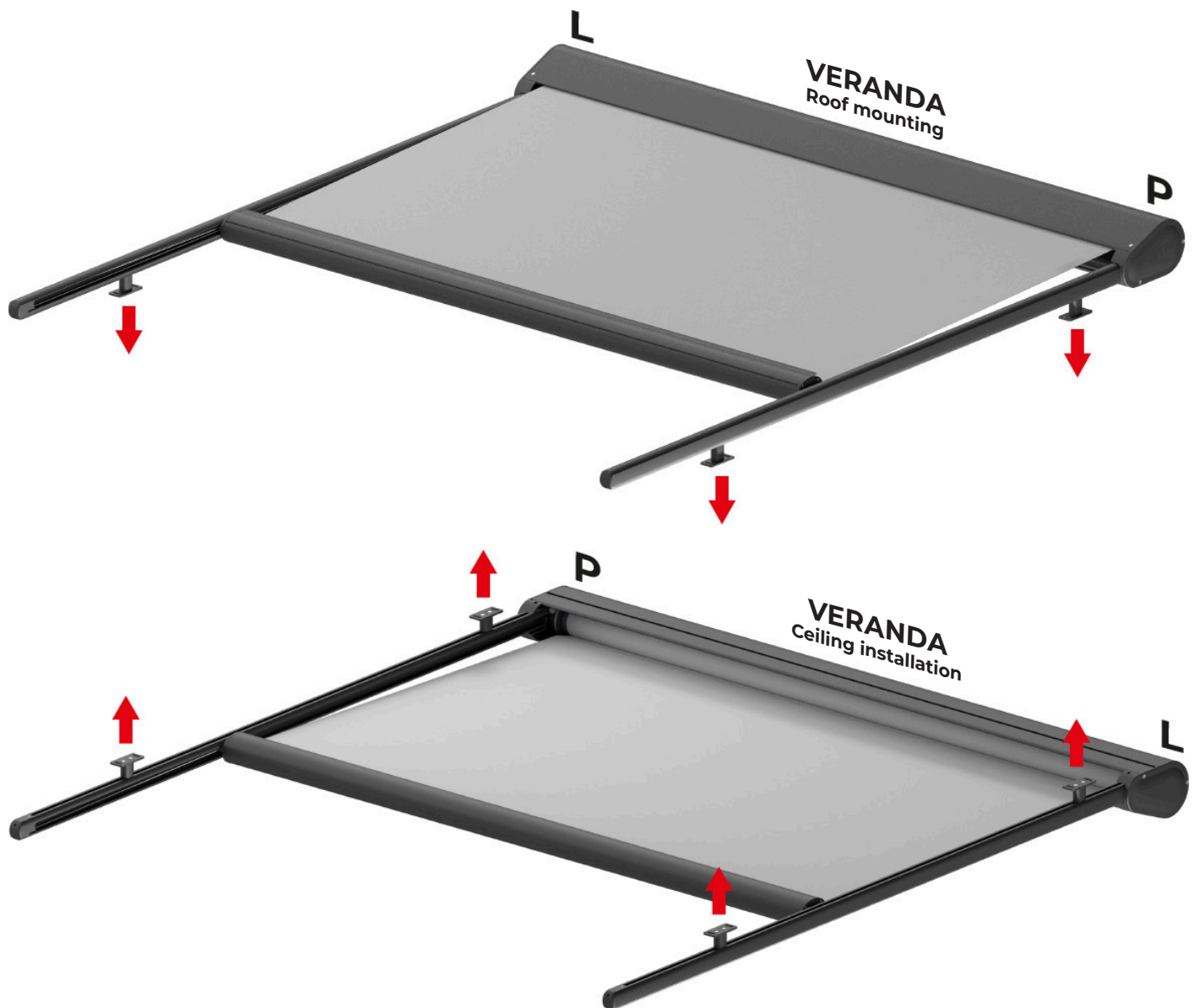
Dimensions - Installation

NOTE:
Centre brackets should be positioned symmetrically

1 - Single guide
P - Guide rail in the module



VERANDA
Drive side in a single module

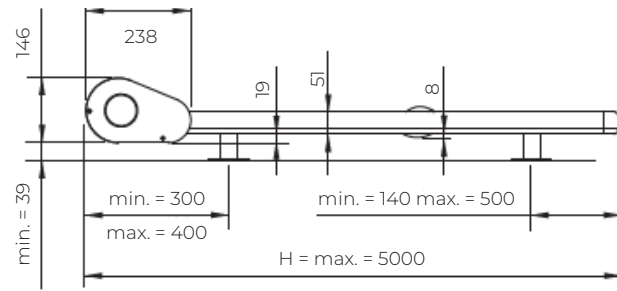
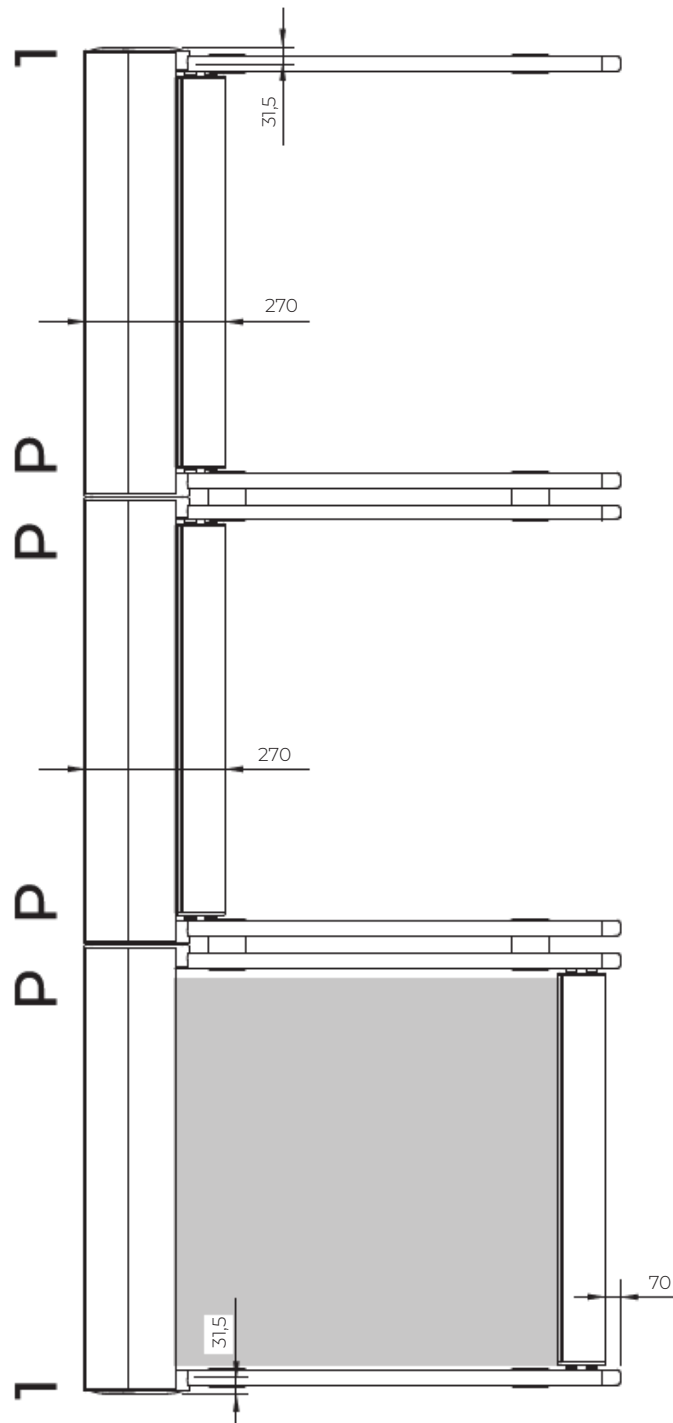
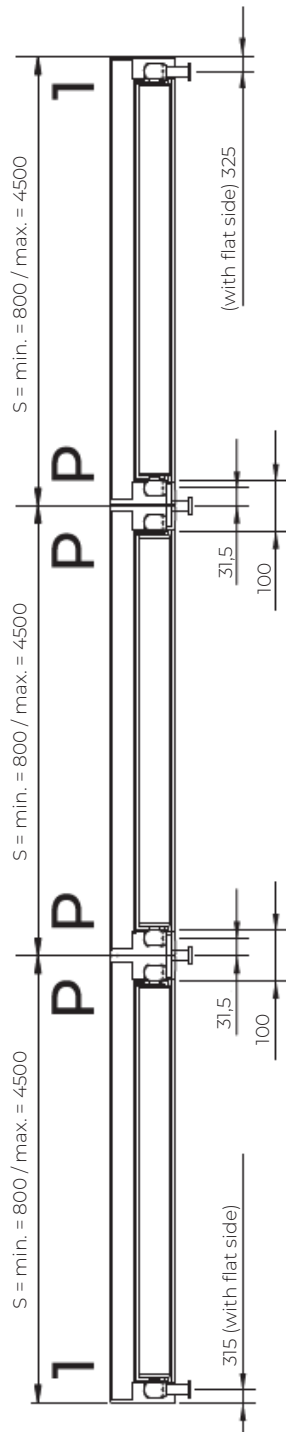


VERANDA

Dimensions - Modular installation

1 - Single guide

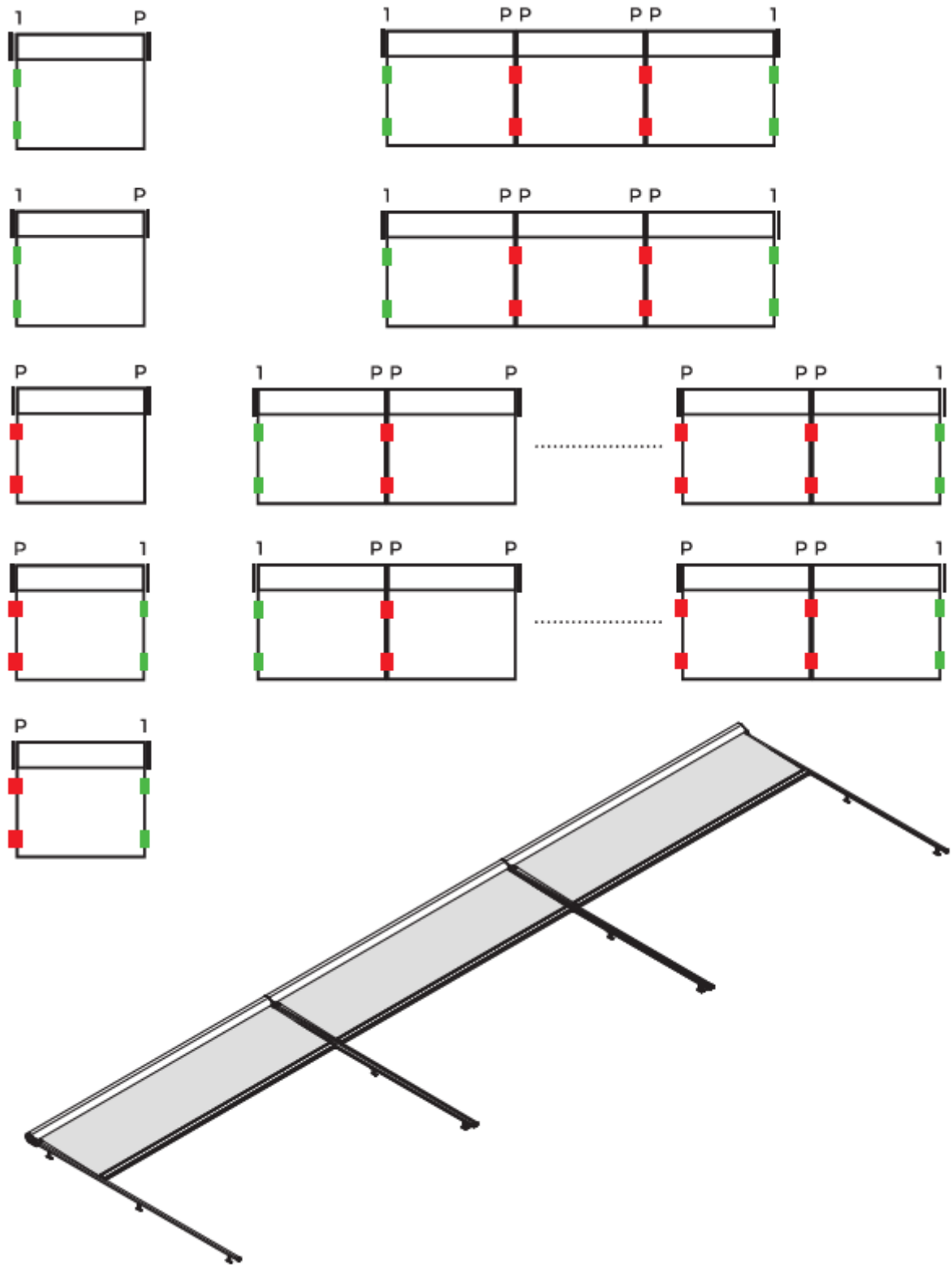
P - Guide rail in the module



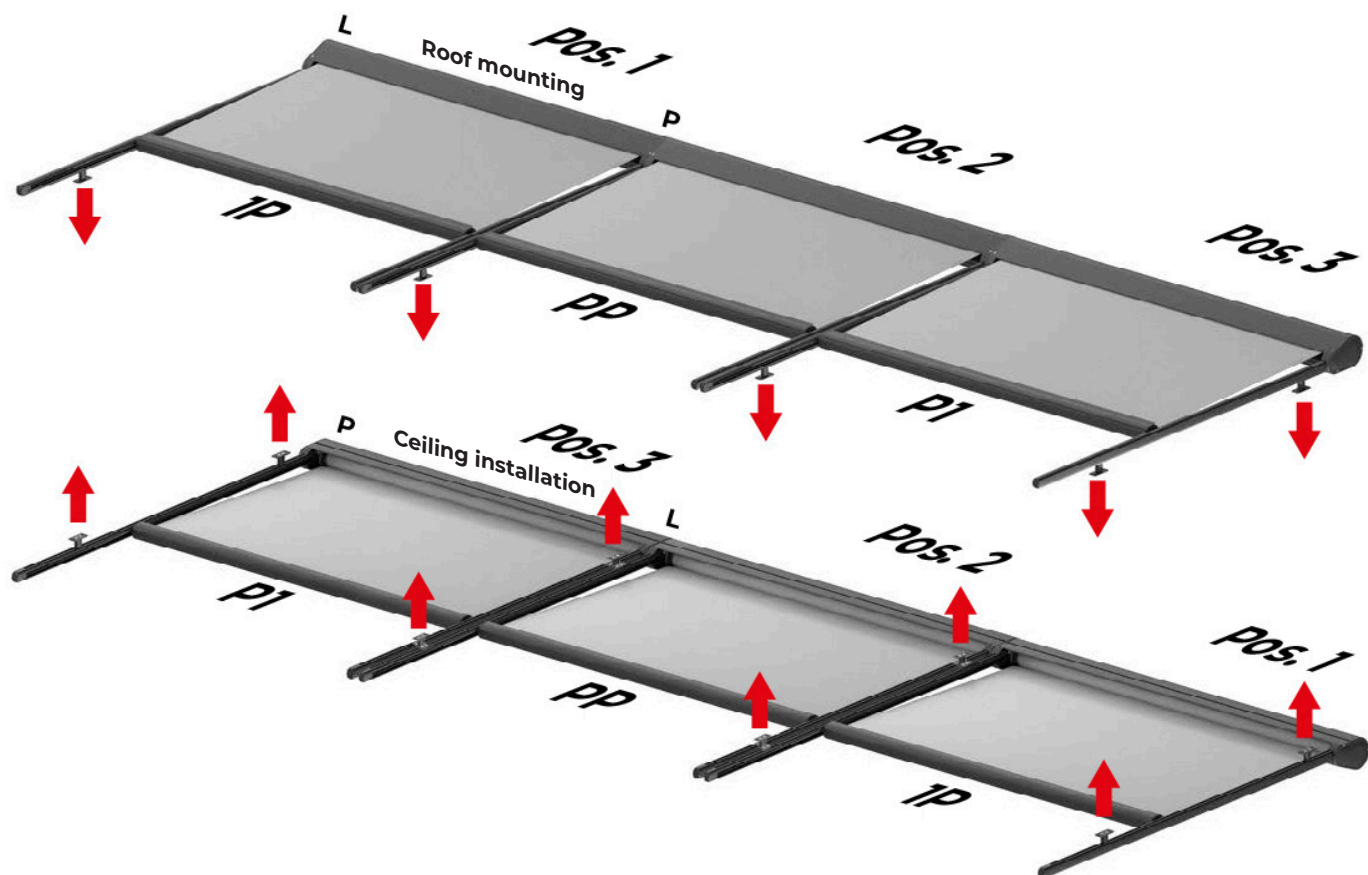
VERANDA
MODULAR INSTALLATION

1P

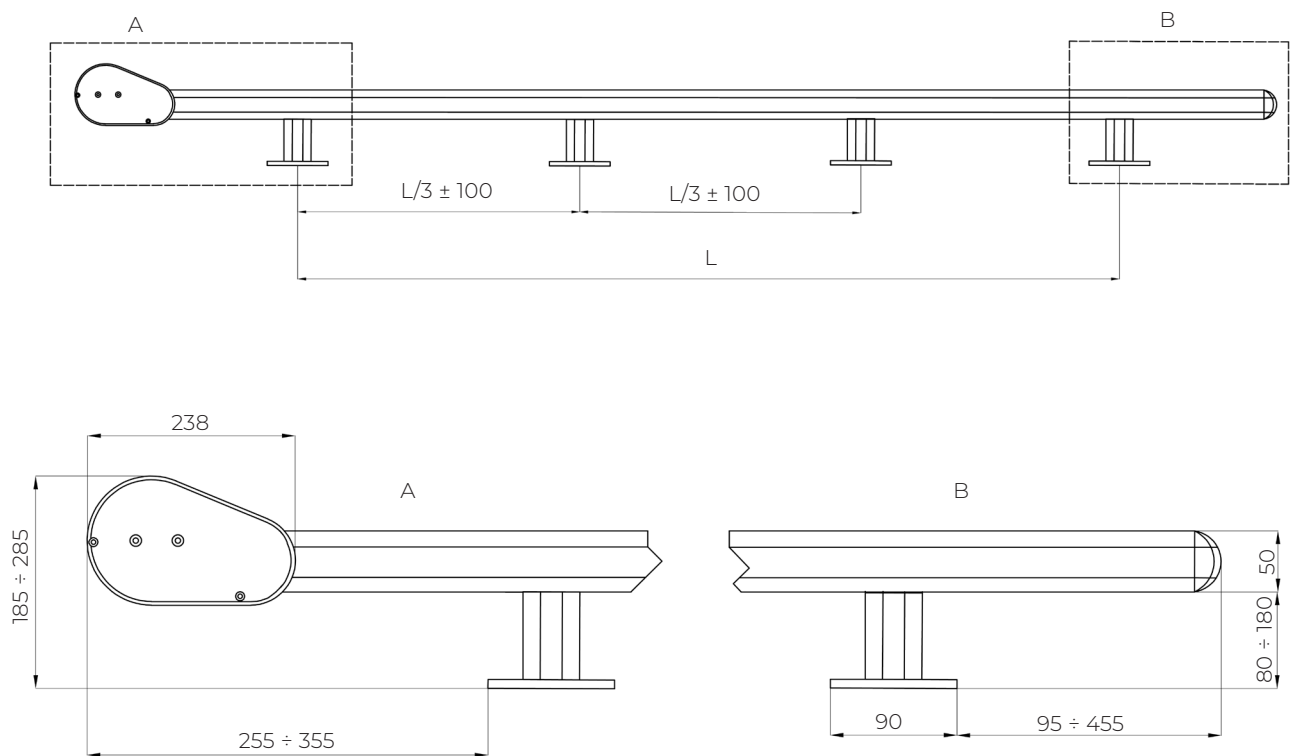
- Single handle
- Modular handle



VERANDA
Drive side in the module

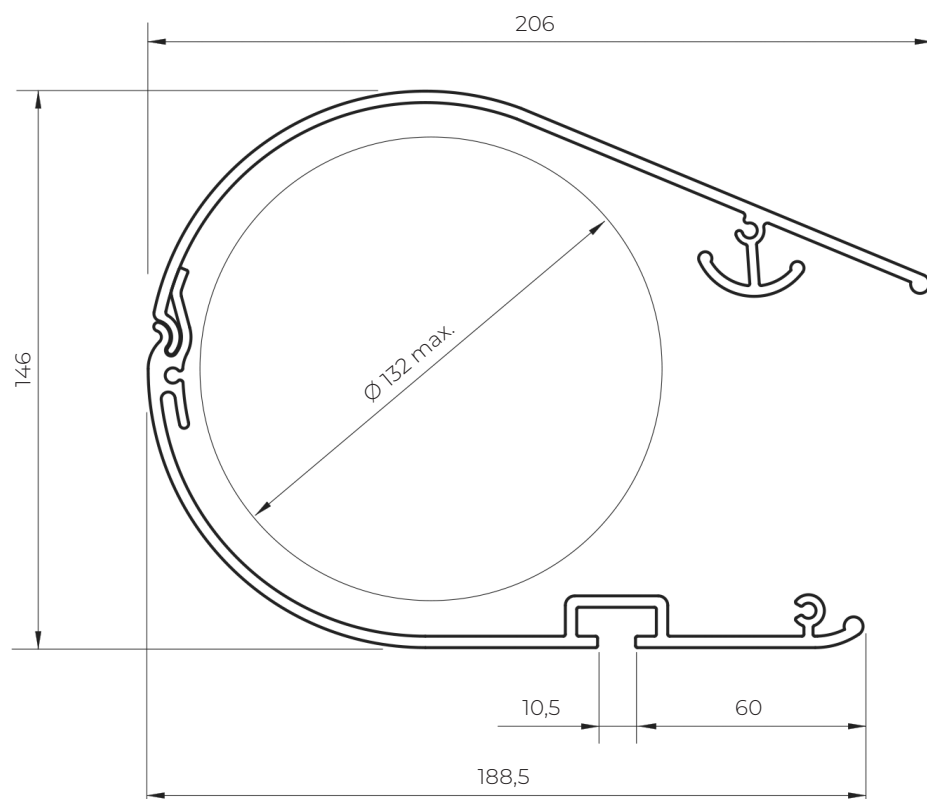


Veranda
Mounting on guide brackets



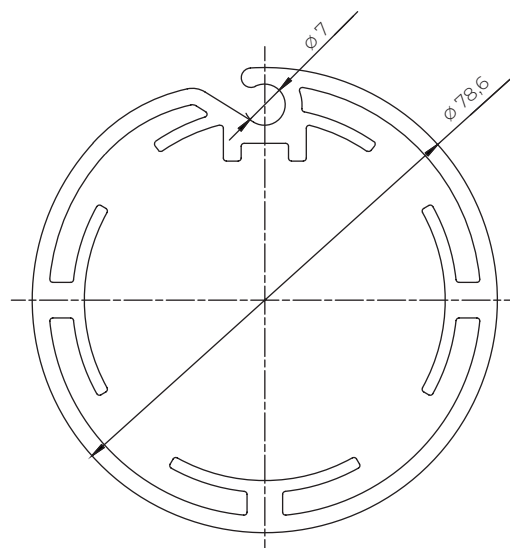
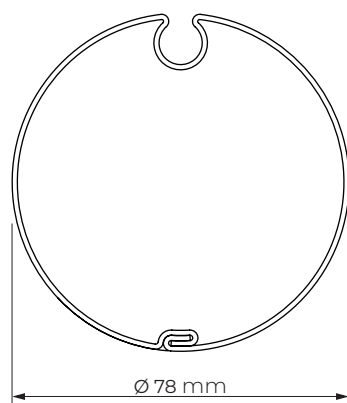
VERANDA
Cassette

NOTE:
A $\varnothing 132$ winding wheel is used for awning fabrics, and a $\varnothing 120$ wheel for Soltis fabrics.



VERANDA

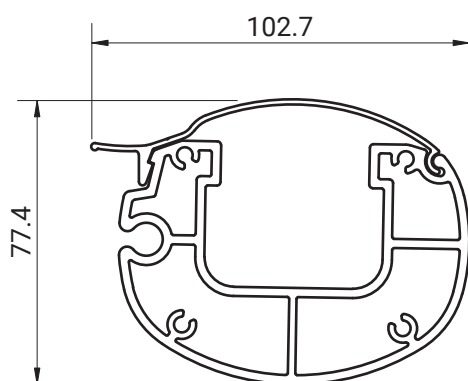
Galvanised steel winding tube Ø 78



* Aluminium winding tube for use with Soltis 92 fabric

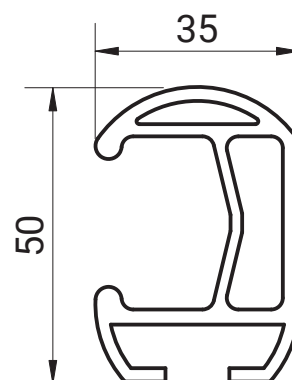
VERANDA

Bottom rail



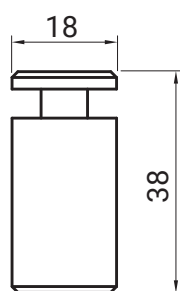
VERANDA

Single guide

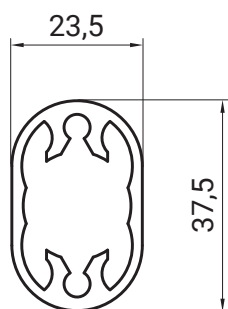


VERANDA

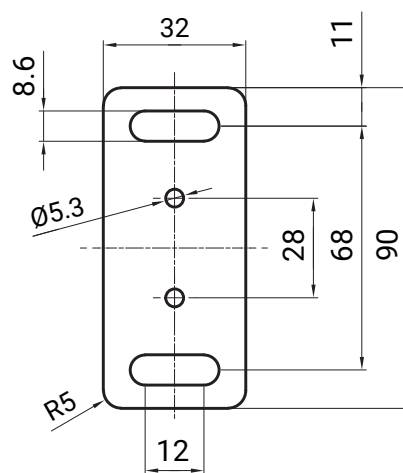
Single handle



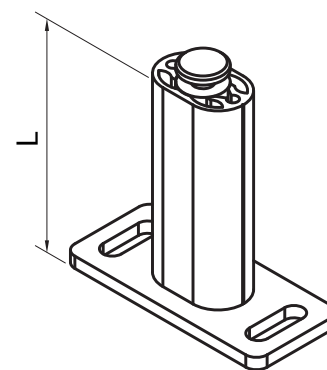
PIN



EXTRUDED
ALUMINIUM PROFILE



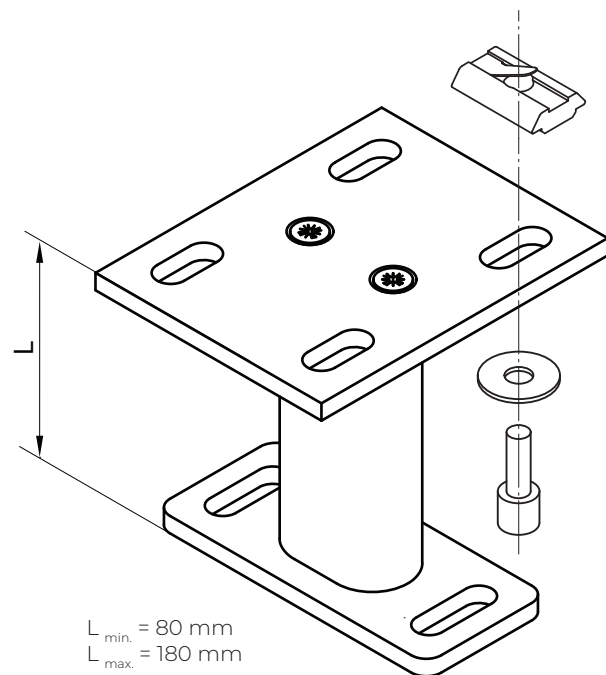
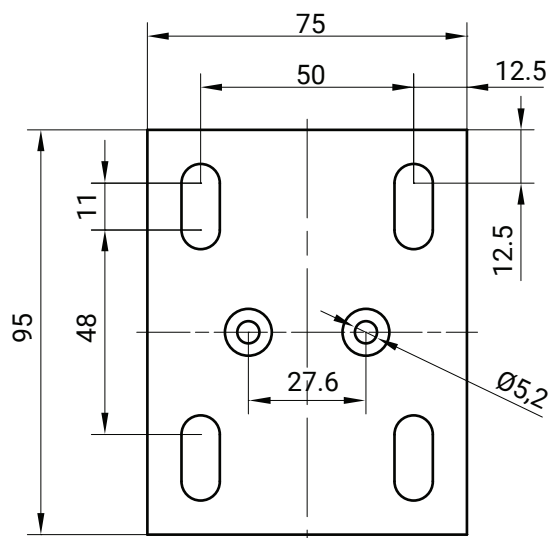
STOPPER



SINGLE HANDLE

The length "L" is selected individually depending on installation conditions or the client's specifications
 $L_{min.} = 80 \text{ mm}$, $L_{max.} = 180 \text{ mm}$

VERANDA
Modular handle



System weight - Veranda [kg]

		Width [cm]													
		125	150	175	200	225	250	275	300	325	350	375	400	425	450
Projection [cm]	150	25.10	27.98	30.86	33.73	36.61	39.49	42.37	45.24	48.12	51.00	53.88	56.75	59.63	62.51
	175	25.77	28.64	31.52	34.40	37.28	40.15	43.03	45.91	48.79	51.66	54.54	57.42	60.30	63.17
	200	26.43	29.31	32.19	35.06	37.94	40.82	43.70	46.57	49.45	52.33	55.21	58.08	60.96	63.84
	225	27.10	29.97	32.85	35.73	38.61	41.48	44.36	47.24	50.12	52.99	55.87	58.75	61.63	64.50
	250	27.76	30.64	33.52	36.39	39.27	42.15	45.03	47.90	50.78	53.66	56.54	59.41	62.29	65.17
	275	28.43	31.30	34.18	37.06	39.94	42.81	45.69	48.57	51.45	54.32	57.20	60.08	62.96	65.83
	300	29.09	31.97	34.85	37.72	40.60	43.48	46.36	49.23	52.11	54.99	57.87	60.74	63.62	66.50
	325	29.76	32.63	35.51	38.39	41.27	44.14	47.02	49.90	52.78	55.65	58.53	61.41	64.29	67.16
	350	30.42	33.30	36.18	39.05	41.93	44.81	47.69	50.56	53.44	56.32	59.20	62.07	64.95	67.83
	375				39.72	42.60	45.47	48.35	51.23	54.11	56.98	59.86	62.74	65.62	68.49
	400				40.38	43.26	46.14	49.02	51.89	54.77	57.65	60.53	63.40	66.28	69.16
	425				41.05	43.93	46.80	49.68	52.56	55.44	58.31	61.19	64.07	66.95	69.82
	450				41.71	44.59	47.47	50.35	53.22	56.10	58.98	61.86	64.73	67.61	70.49
	475				42.38	45.26	48.13	51.01	53.89	56.77	59.64	62.52	65.40	68.28	71.15
	500					45.92	48.80	51.68	54.55	57.43	60.31	63.19	66.06	68.94	71.82

NOTE: System weights may vary by +/- 10%

Number of guide brackets [pair] - Veranda

Projection [mm]	0÷1500	2
	1501÷2500	3
	2501÷4000	4
	4001÷5000	5

VERANDA V ZIIP

VERANDA V ZIIP is an aesthetically pleasing aluminium structure with a retractable canopy. The roller tube, driven by an electric motor, unrolls and rolls up the fabric via a belt guided through a roller tensioning system. The use of a gas spring ensures constant fabric tension. The profiles are made of high-strength extruded aluminium that meets building standards. Die-cast aluminium components are used in the construction of the cassette sides, whilst the cassette brackets and guides feature stainless steel castings that have undergone electropolishing to achieve an aesthetic finish. Structural components are powder-coated using QualiCoat technology, guaranteeing long-term use. The V ZiiiP veranda is a product characterised by high aesthetics and functionality.

APPLICATION:

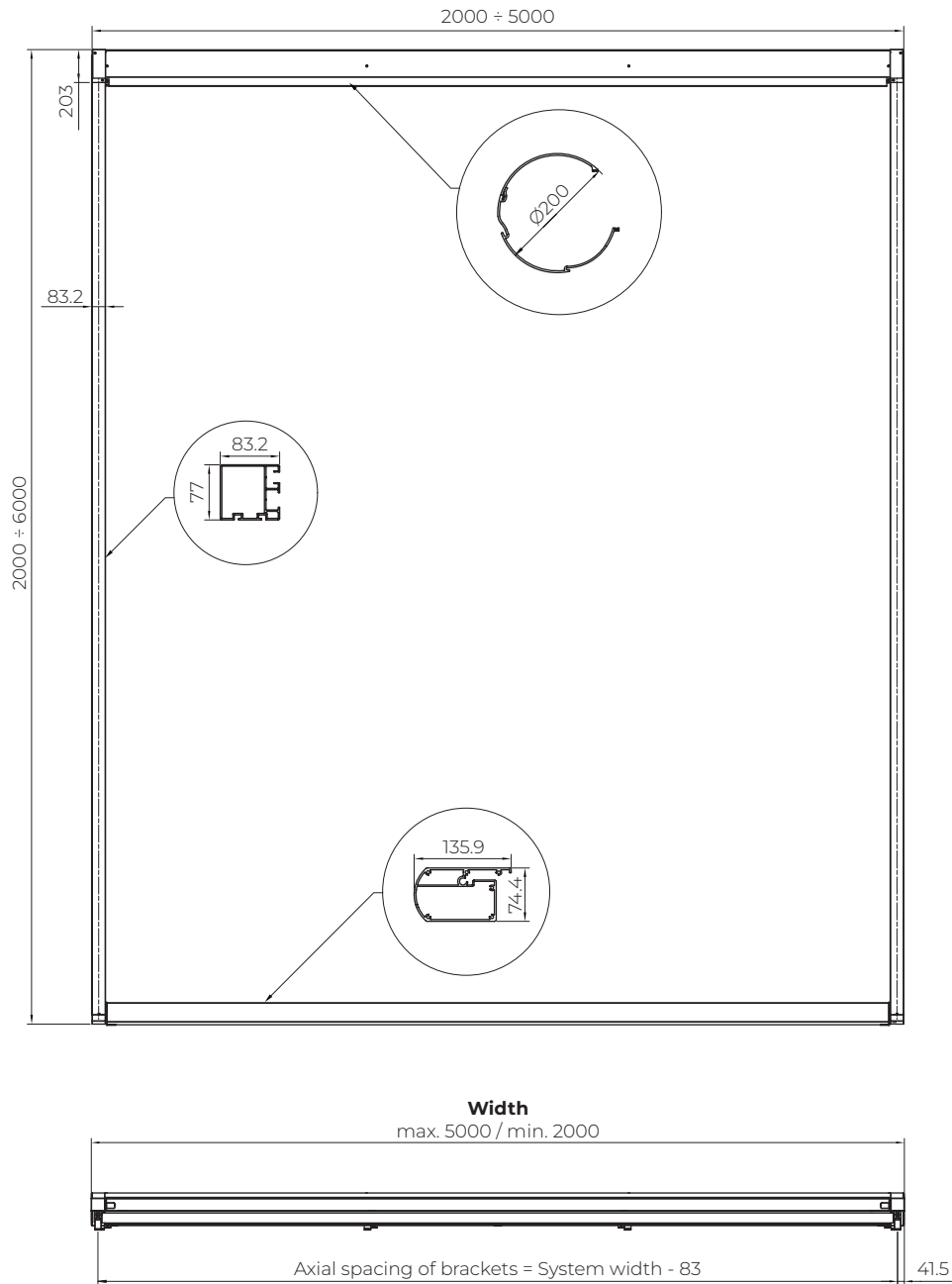
- Sun protection and shading.

PRODUCT CHARACTERISTICS:

- Frame made from extruded aluminium profiles
- Connecting multiple systems using a modular guide rail bracket
- Frame complies with standard PN-EN 13561
- Pneumatic fabric tensioning system
- SERGE 1% and SERGE 600 fabrics

TECHNICAL PARAMETERS

- Maximum module width 5 m
- Maximum projection 6 m
- Tilt angle 0° - 45°
- Electric drive
- Frame colour: RAL 9010 MAT, RAL 9006 MAT, RAL 7016 MAT, RAL 9005 MAT, FSM 71319
- Outdoor use



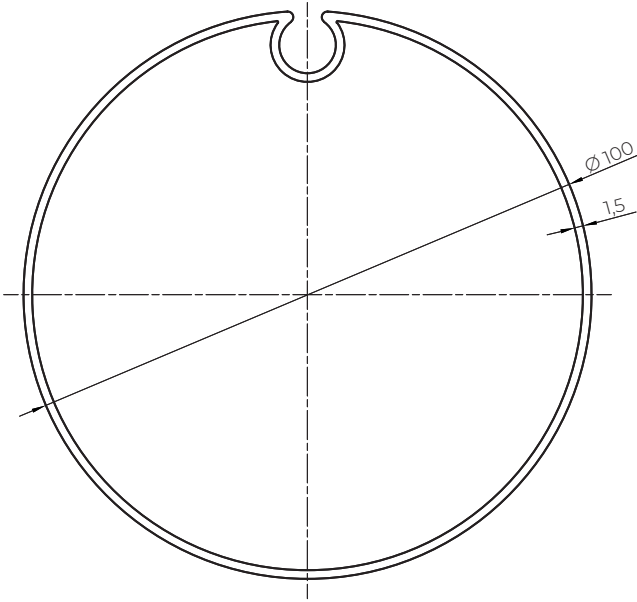
Number of structure-stabilizing beams

		System width [cm]						
		200	250	300	350	400	450	500
Projection [cm]	200	1	1	1	1	1	1	1
	250	1	1	1	1	1	1	1
	300	1	1	1	1	1	1	1
	350	1	1	1	1	1	1	1
	400	1	1	1	1	1	1	1
	450	1	1	1	1	2	2	2
	500	1	1	1	2	2	2	2
	550	1	1	2	2	2	2	2
	600	1	2	2	2	2	2	2

System weight - Veranda V ZiiiP [kg]								
		Width [cm]						
		200	250	300	350	400	450	500
Projection [cm]	200	54.8	61.15	67.5	73.85	80.2	86.55	92.2
	250	55.9	62.25	68.6	74.95	81.3	87.65	94
	300	57	63.35	69.7	76.05	82.4	88.75	95.1
	350	60.1	66.45	72.8	79.15	85.5	91.85	98.2
	400	61.2	67.55	73.9	80.25	86.6	92.95	99.3
	450	62.3	68.65	75	81.35	87.7	94.05	100.4
	500	63.4	69.75	76.1	82.45	88.8	95.15	101.5
	550	64.5	70.85	77.2	83.55	89.9	96.25	102.6
	600	65.6	71.95	78.3	84.65	91	97.35	103.7

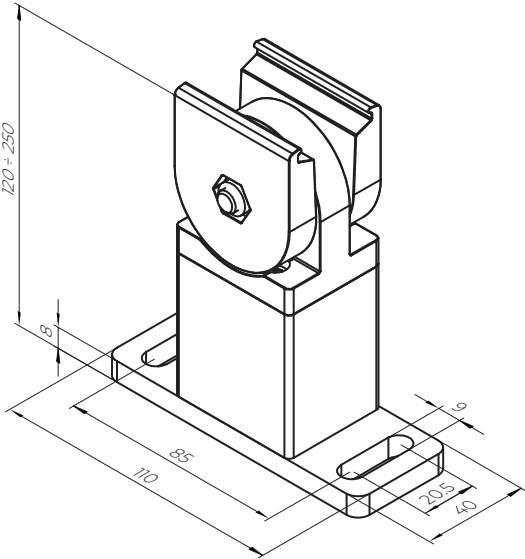
Number of guide brackets [pair] - Veranda V ZiiiP								
		Width [mm]						
		2000	2500	3000	3500	4000	4500	5000
Projection [mm]	2000	2	2	2	2	2	2	2
	2500	2	2	2	2	2	2	2
	3000	2	2	2	2	2	2	2
	3500	3	3	3	3	3	3	3
	4000	3	3	3	3	3	3	3
	4500	4	4	4	4	4	4	4
	5000	4	4	4	4	4	4	4
	5500	4	4	4	4	4	4	4
	6000	4	4	4	4	4	4	4

Veranda V ZiiiP
Cross-section of the winding tube



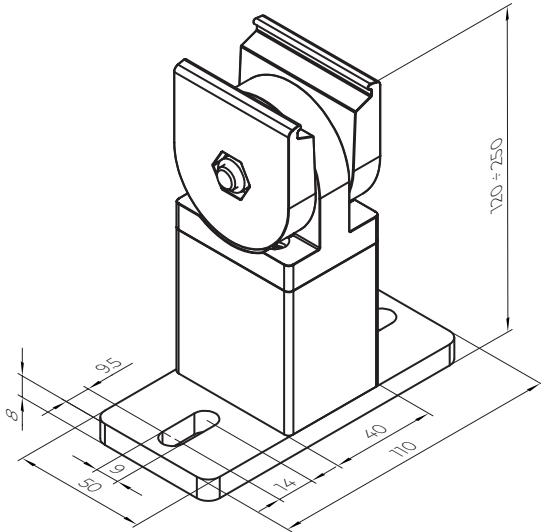
Guide channel handle TYPE A

NOTE:
Can be used interchangeably with the following types of handles:
TYPE B (rotary) or TYPE D (transverse)



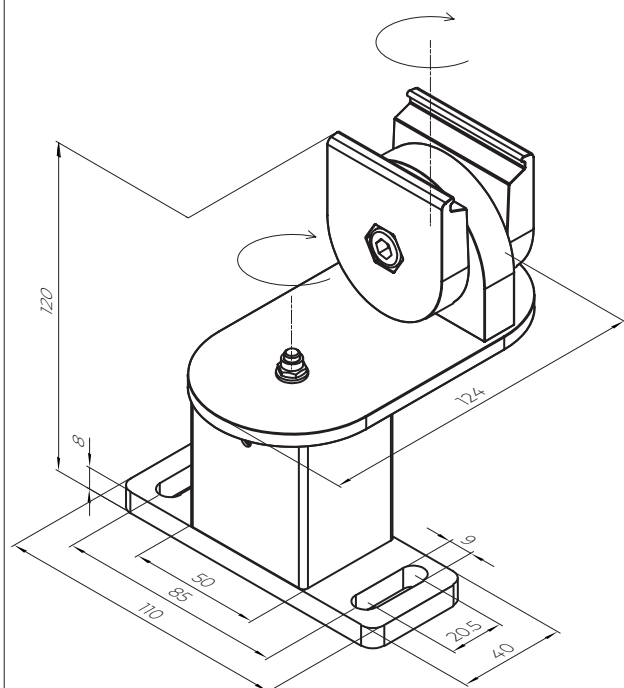
Guide channel handle TYPE D (transverse)

NOTE:
Can be used interchangeably with the following types of handles:
TYPE A or TYPE B (rotating)

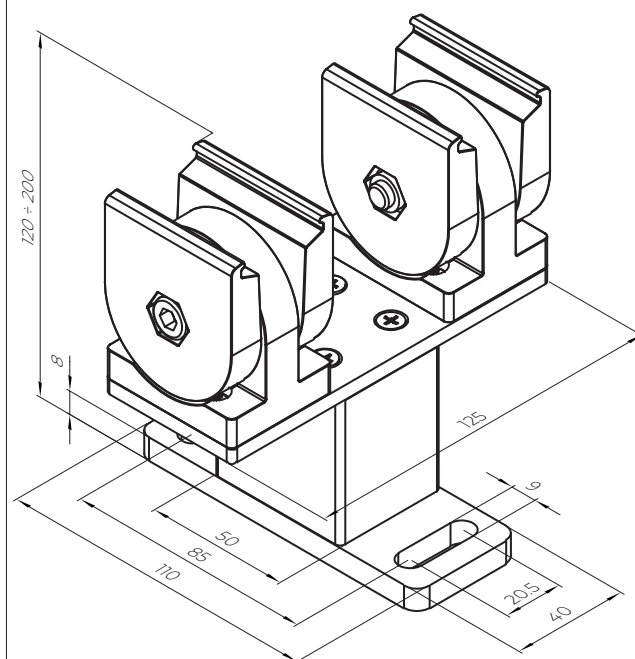


Guide channel handle TYPE B (rotating)

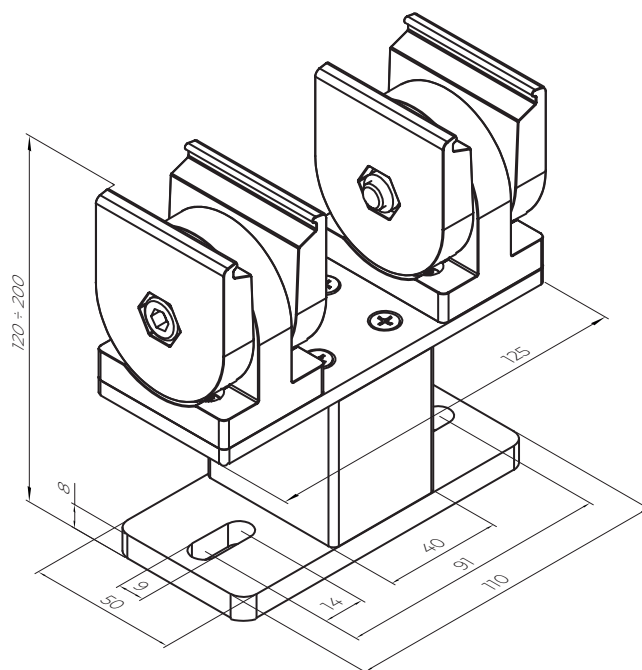
NOTE:
Can be used interchangeably with the following types of handles:
TYPE A or TYPE D (transverse), used for a system area of 19.5 m²



Guide channel handle TYPE C (modular)

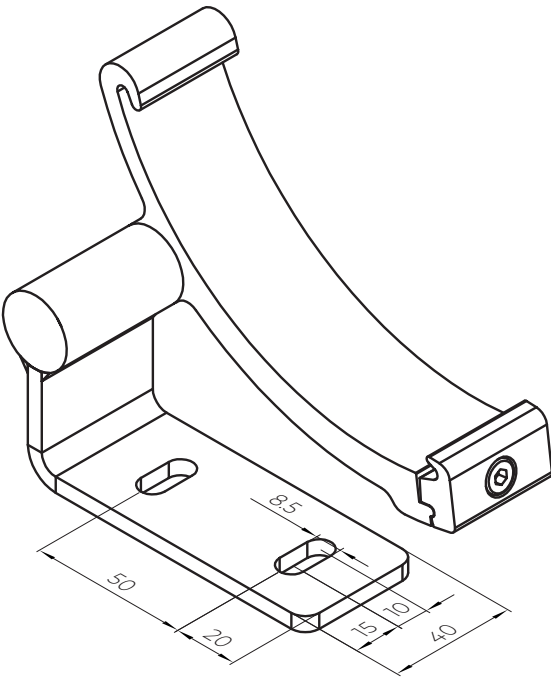


Guide channel handle TYPE G (modular)

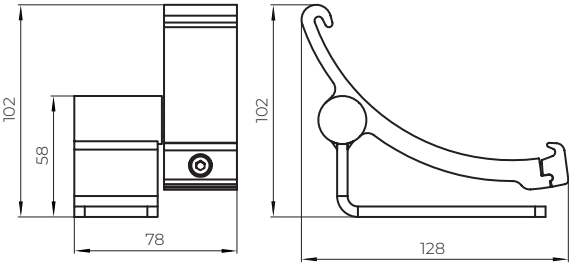


Veranda V ZiiiP - Types of mounting
Cassette mounting to the structure using brackets TYPE A

NOTE:
Left-hand cassette brackets are a mirror image of the right-hand bracket



Horizontal right-hand cassette handle



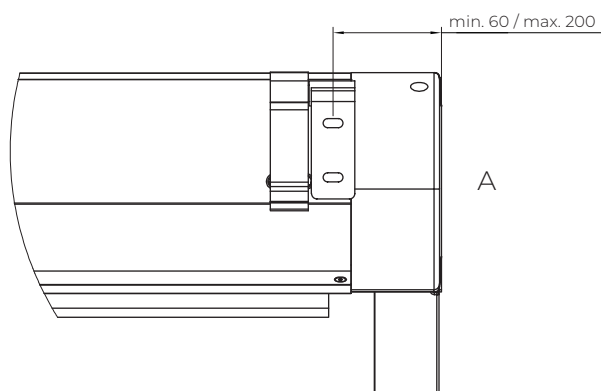
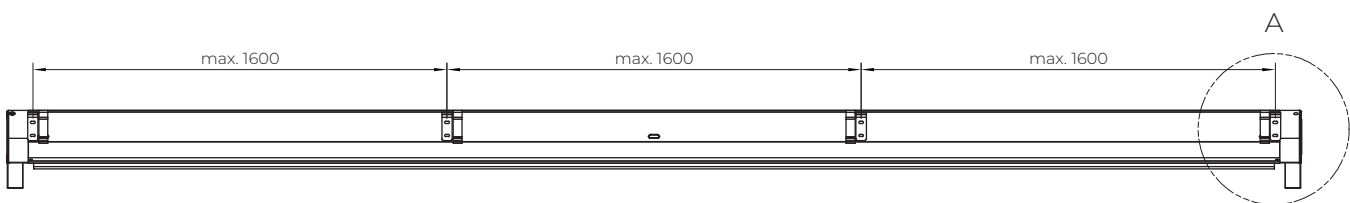
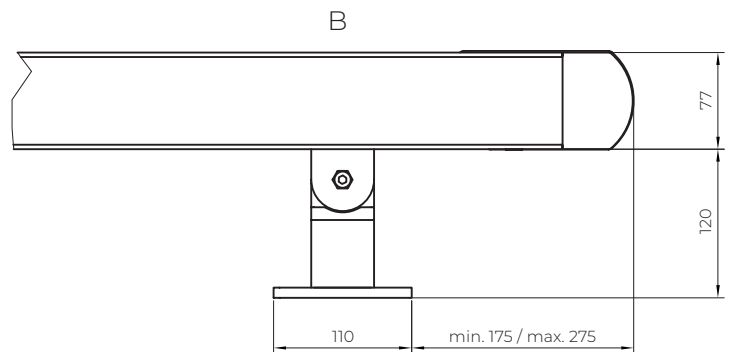
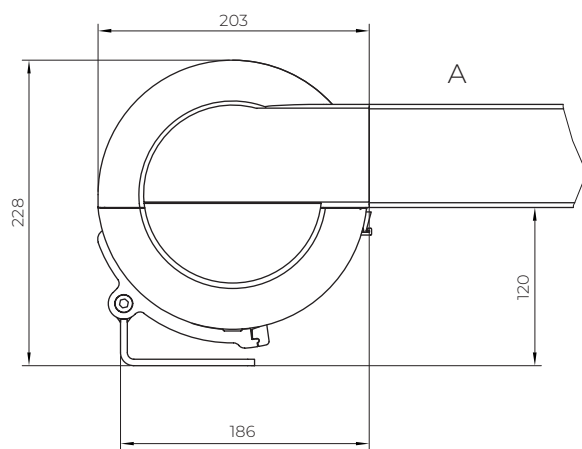
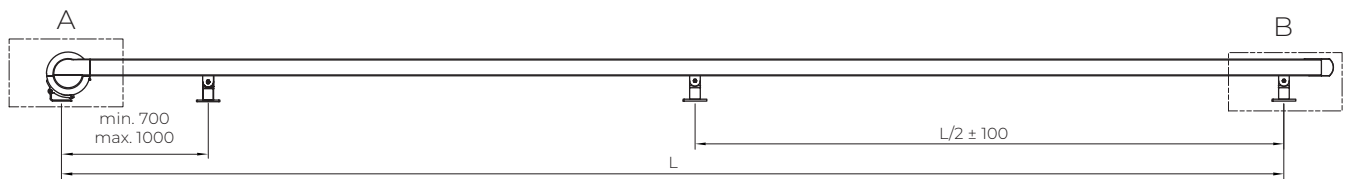
Number of horizontal cassette handles depending on the width of the Veranda V ZiiiP system	
system width [mm]	Number of brackets [pcs.]
2000	2
2001 ÷ 3600	3
3601 ÷ 5000	4

Veranda V ZiiiP - Types of mounting

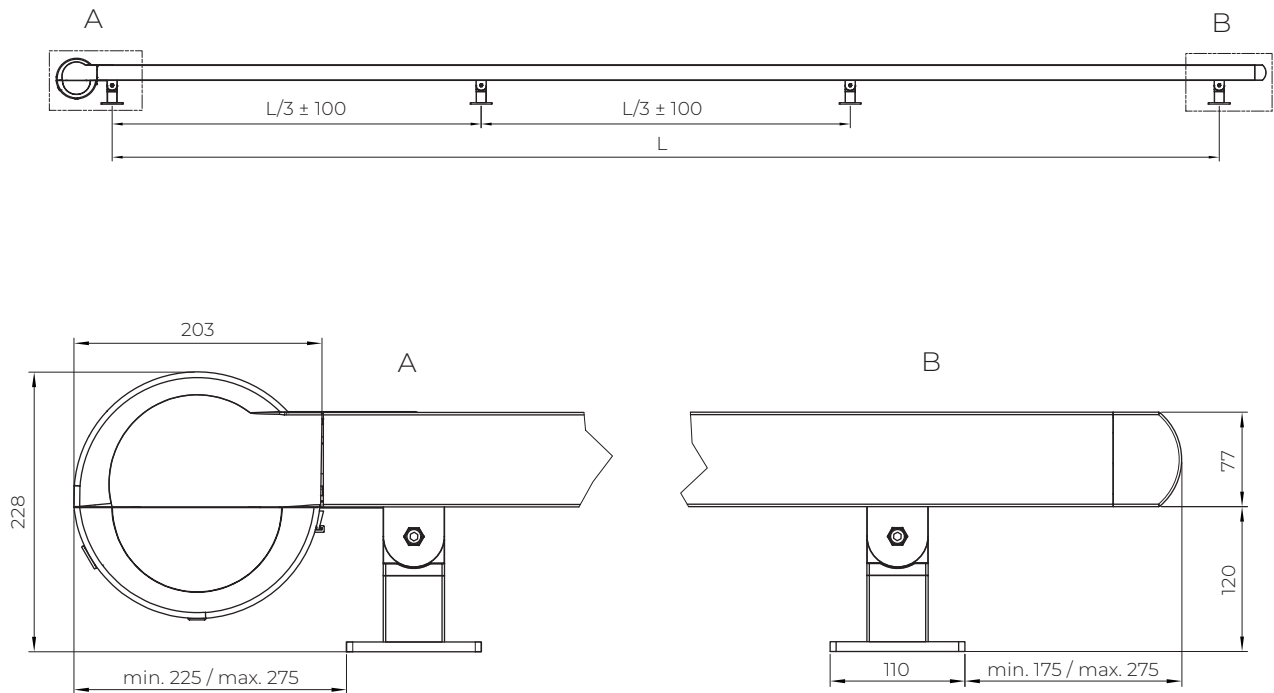
Mounting of guides using TYPE A brackets and horizontal cassette brackets to the substructure

NOTE:

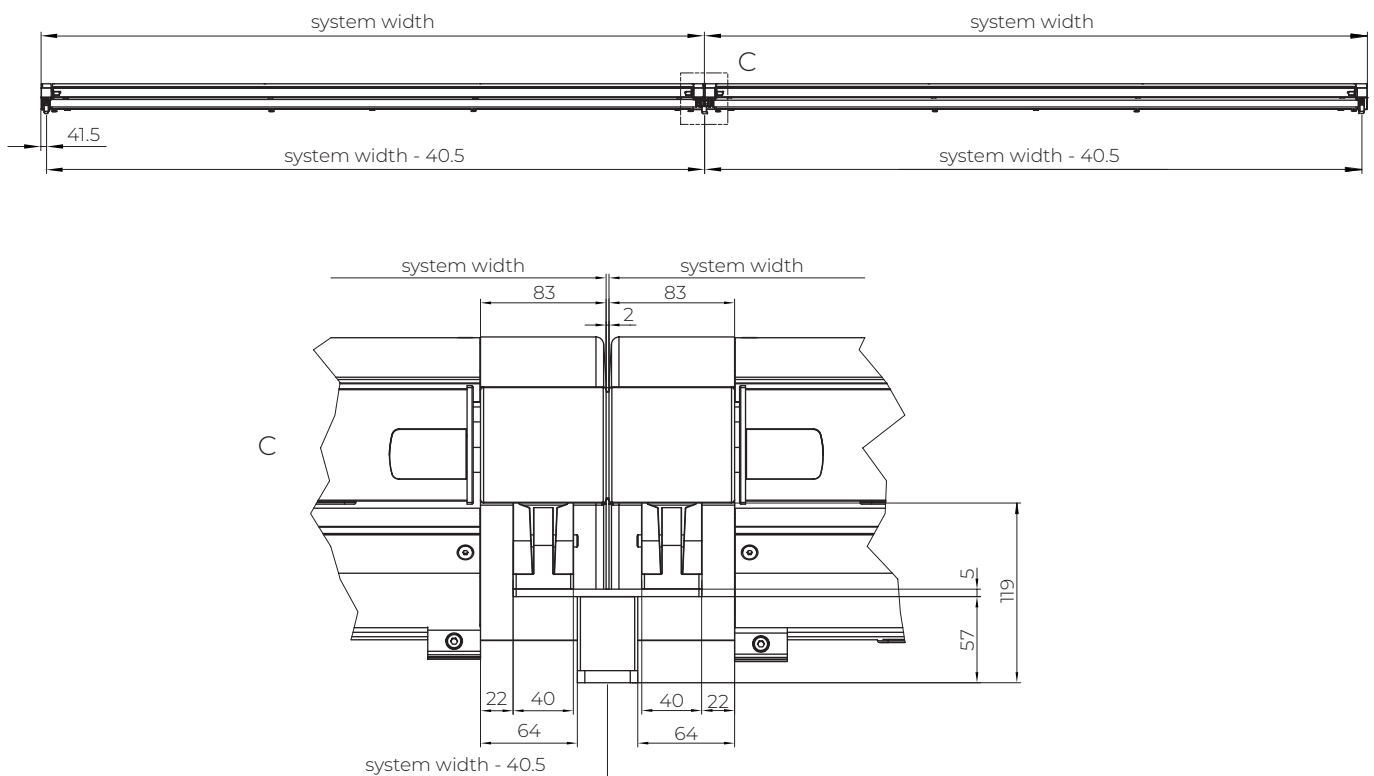
If the guide brackets are to be mounted in the same plane as the cassette bracket, they must be 120 mm long



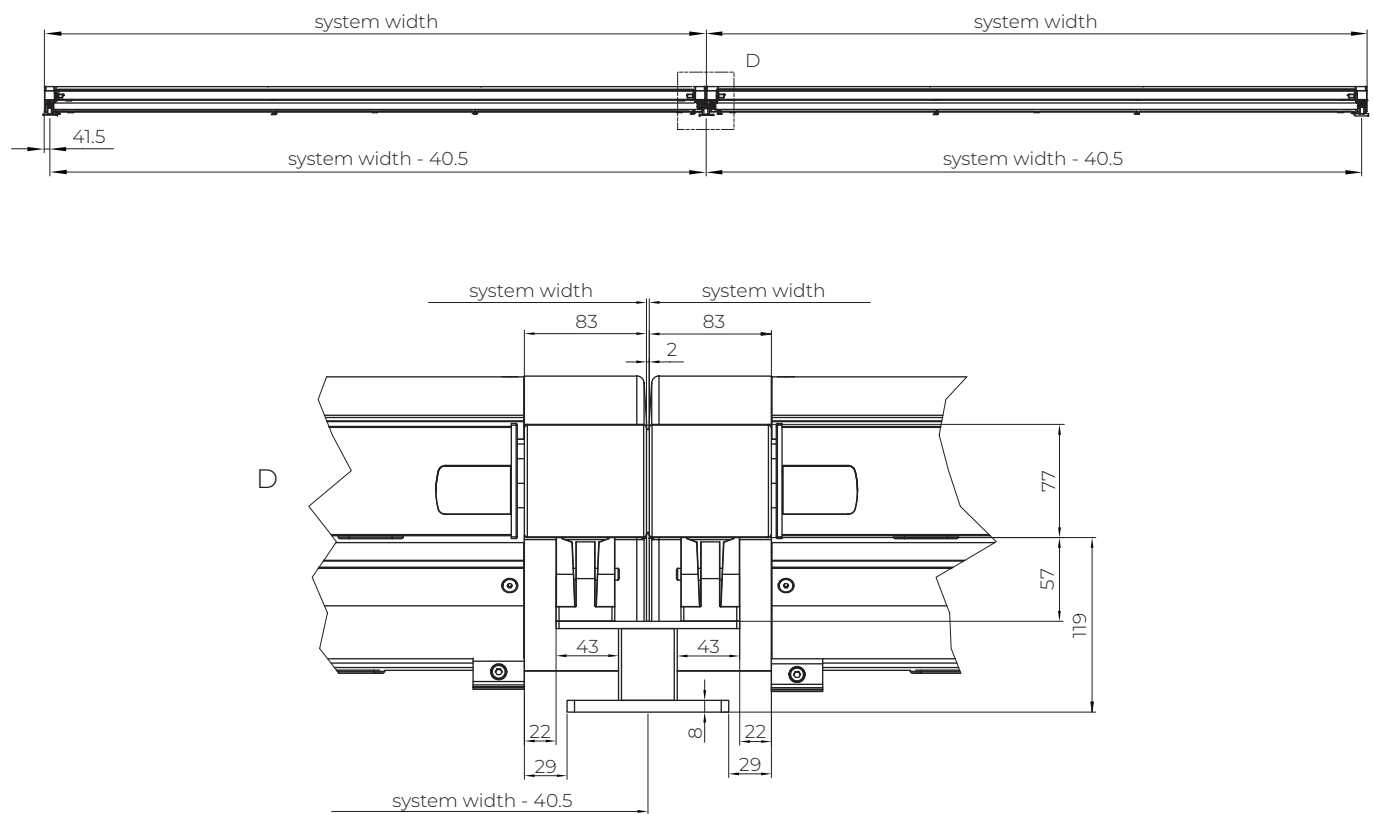
Veranda V ZiiiP - Types of mounting
Mounting of guides with brackets TYPE A



Veranda V ZiiiP - Types of mounting
Modular mounting with a bracket TYPE C



Veranda V ZiiiP - Types of mounting



Technical supplement – SCREENS

The product meets the CE safety requirements



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