

UNIVERSAL US3510

Vertical awning

US3510



 min. 40 cm max. 400 cm	 min. 40 cm max. 250 cm
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Description

Vertical awning in round box – Ø 100 mm, with operating handle. Fabric cover. To rise and lower the awning with self greasing worm gearbox, with free wheel gudgeon or end stop. Gearbox reduction 4:1 by break operating handle. With lead-through and joint plate. Opening angle 45°–90°. Break operating handle: Operating handle: connection operating handle to gearbox with rigid, positive locking galvanised steel. Operating handle rod and operating handle break made of aluminium, powder coated, corrosion protected. Fixation of the operating handle break with plastic operating handle support. Roller tube made of galvanised steel with groove for the cover fixation. Box: extruded aluminium profiles, in one piece, round. Box side caps with add-on gudgeon for the guide rails made of aluminium casting, powder coated, to hold the gearbox bearing and bearing opposite side. Front rail made of aluminium round profile with groove for the cover and lateral guide gudgeons made of plastic. Guide rails made of extruded aluminium profiles, with slide groove for the front tube and profile groove for the fixation angle made of aluminium casting for installation on façade. All apparent screws in stainless steel.

Options

Cable guide made of 3 mm stainless steel cable with pressed on thread end pieces up and down to be fixed in the side cap above and in the fixation made of aluminium casting at the bottom.

Rod guide made of 8 mm chrome steel with thread end pieces up and down to be fixed in the side cap above and in the fixation made of aluminium casting at the bottom.

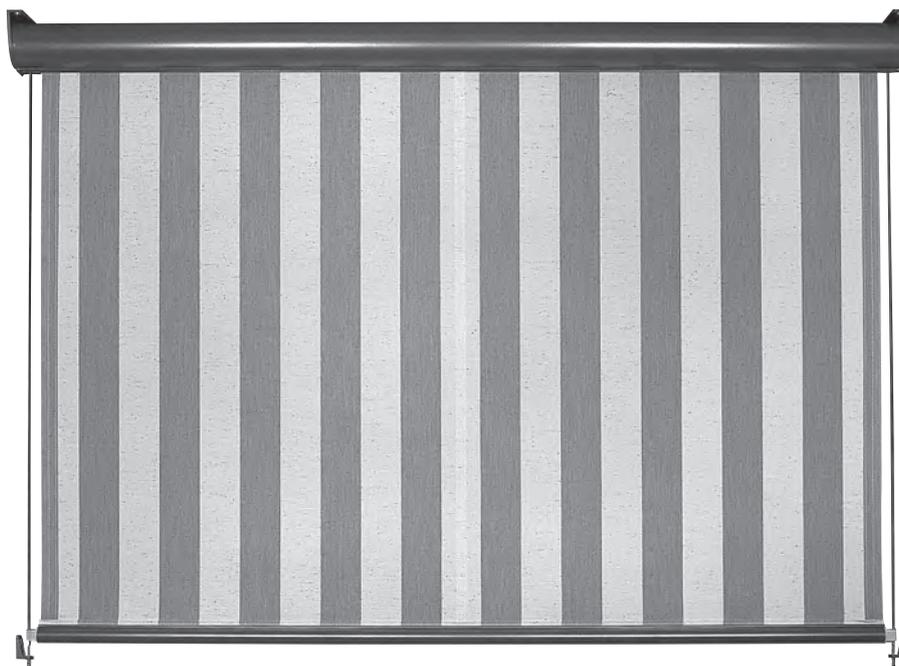
Gearbox execution with ring and detachable awning operating handle with hook. Gearbox with operating handle link and detachable break operating handle with operating handle hopper.

With cast aluminium floor fixing brackets at the bottom.

Option electric drive: Tubular AC motor 230 V / 50 Hz with friction brake and electronic end stop. Thermal protection. Protection class IP54 (splash water), with 50–150 cm 4-pole connection cable.

METHOD OF DELIVERY

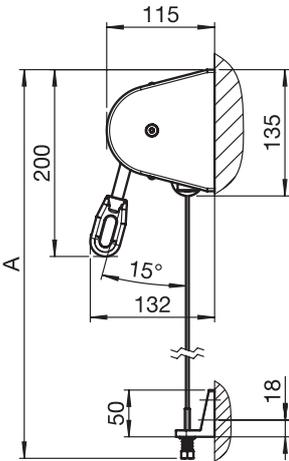
Awnings fully assembled, with cover. Lateral guide rail shortened. Without fixation material.



UNIVERSAL US3510

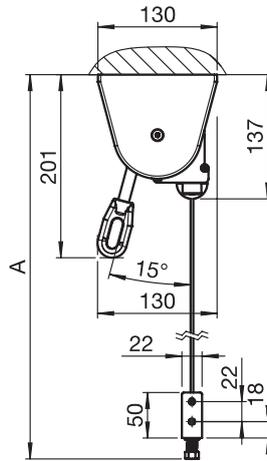
Vertical awning

US3510/1

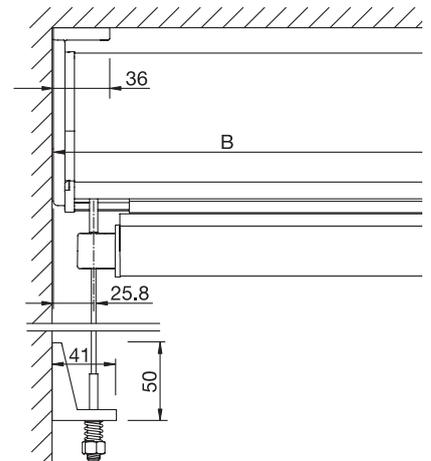


Wall fixing

with cable guides

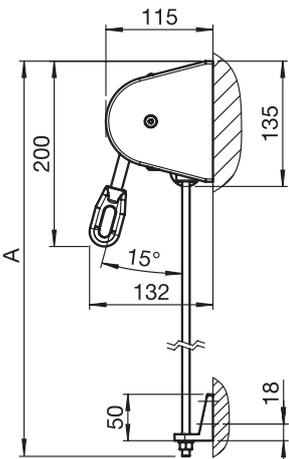


Soffit installation



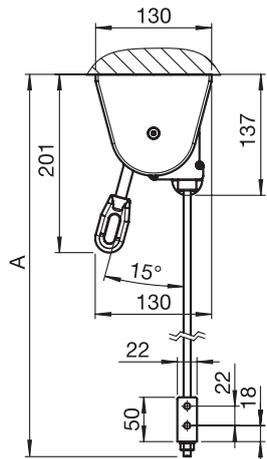
Installation drawing

US3510/2

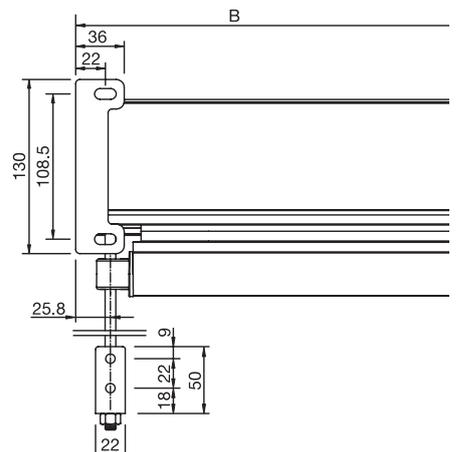


Wall fixing

with steel rod guides

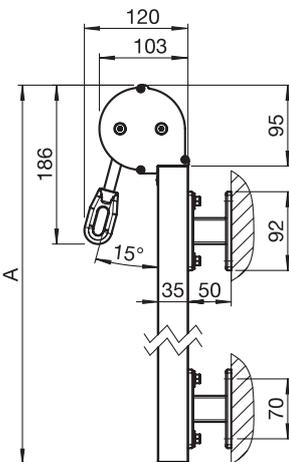


Soffit installation



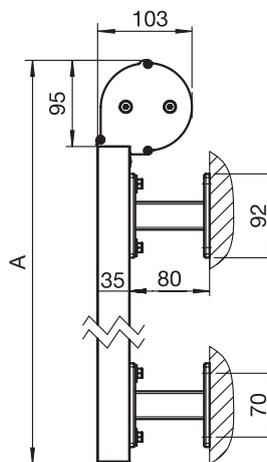
Installation drawing

US3510/3

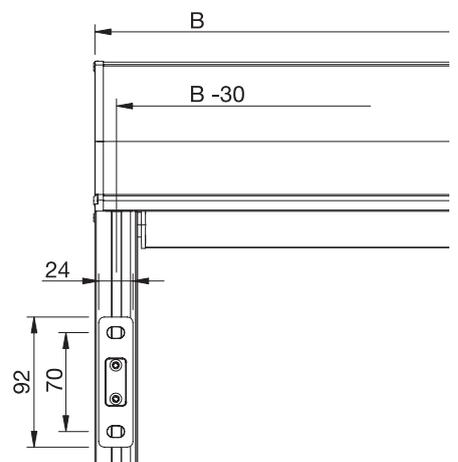


Cover rolls-up inside

with aluminium guides



Cover rolls-up outside



Installation drawing

A = Total height

B = Total width

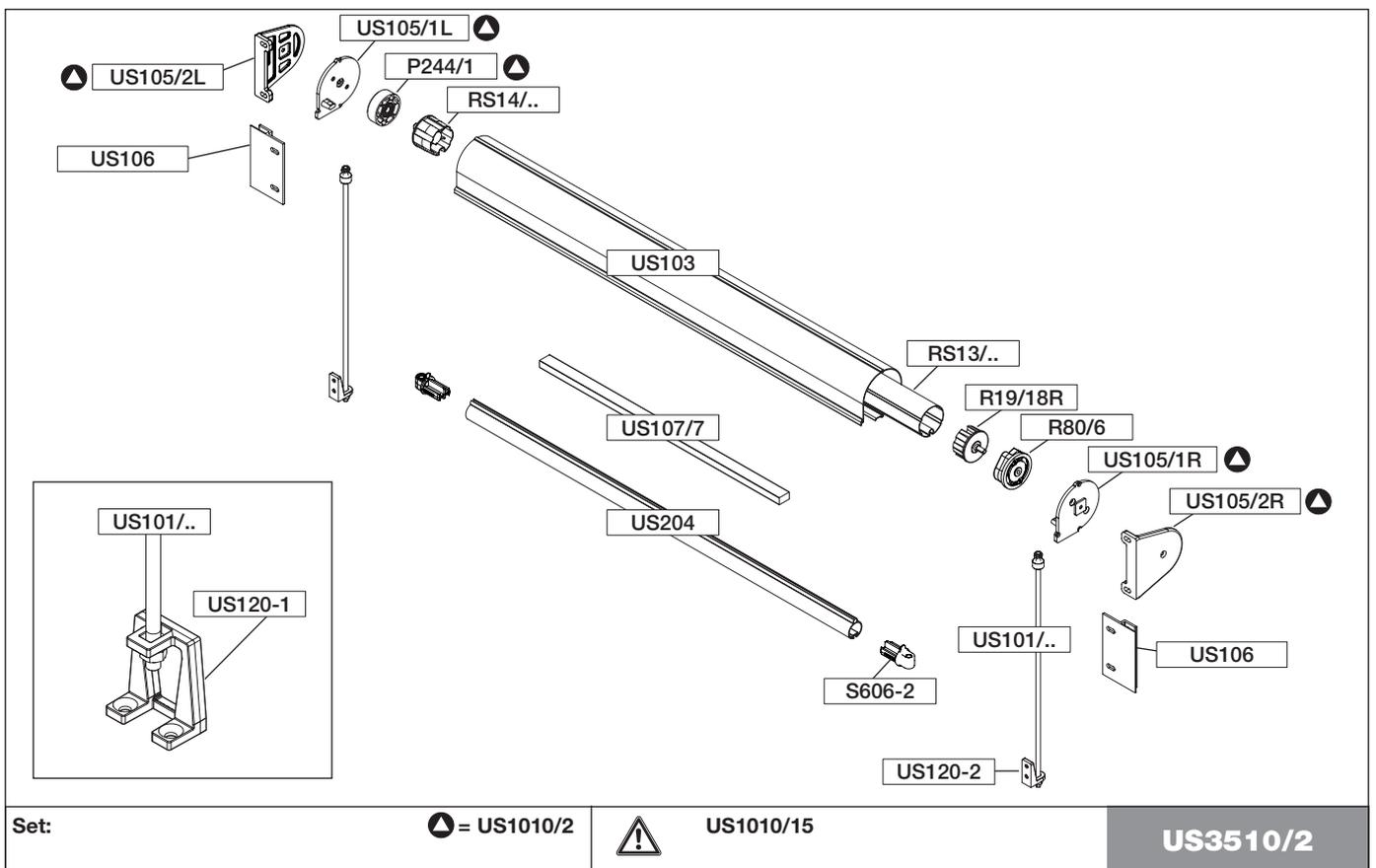
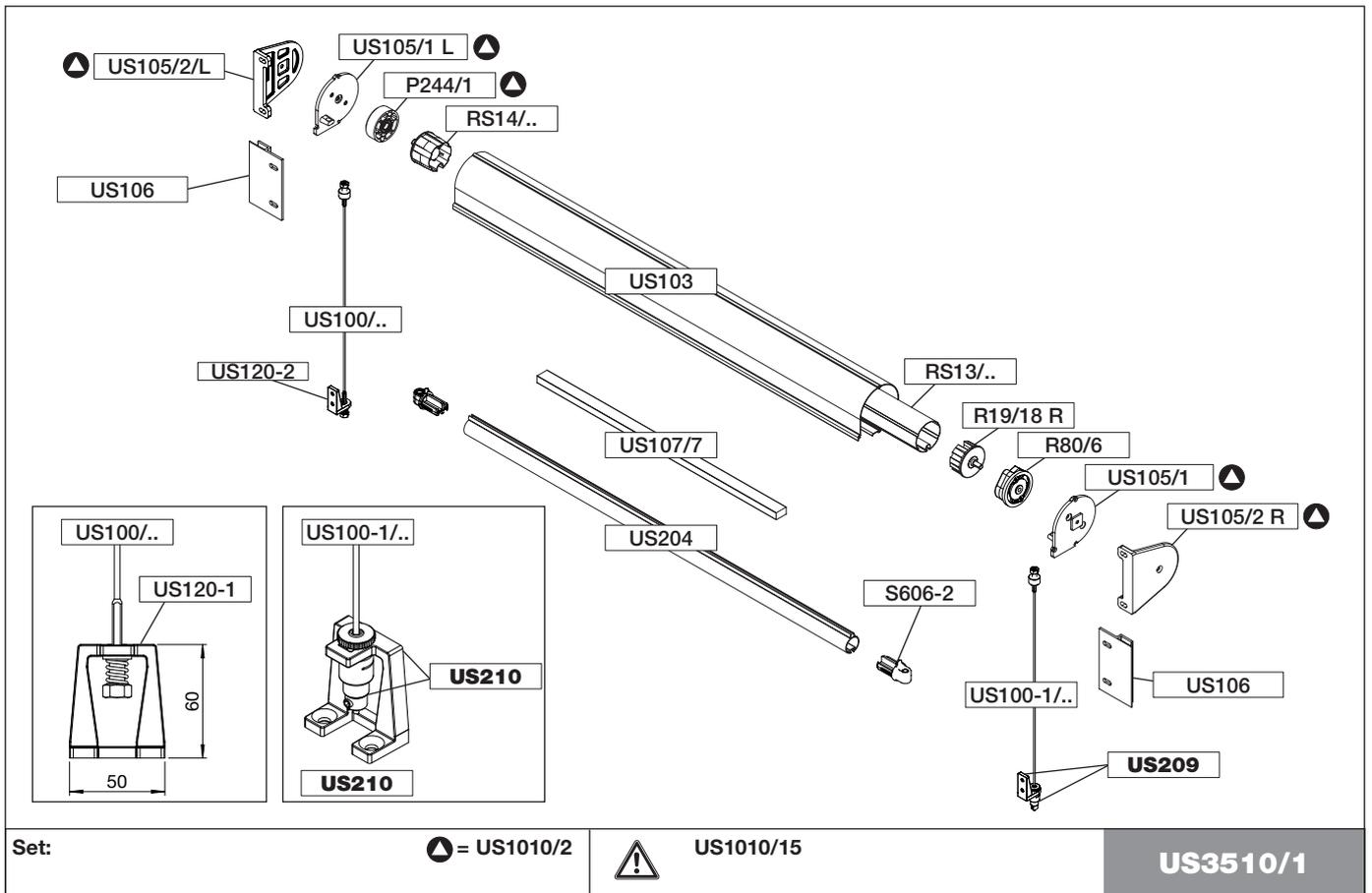
UNIVERSAL US3510

Vertical awning

US3510/1

US3510/2

Exploded view

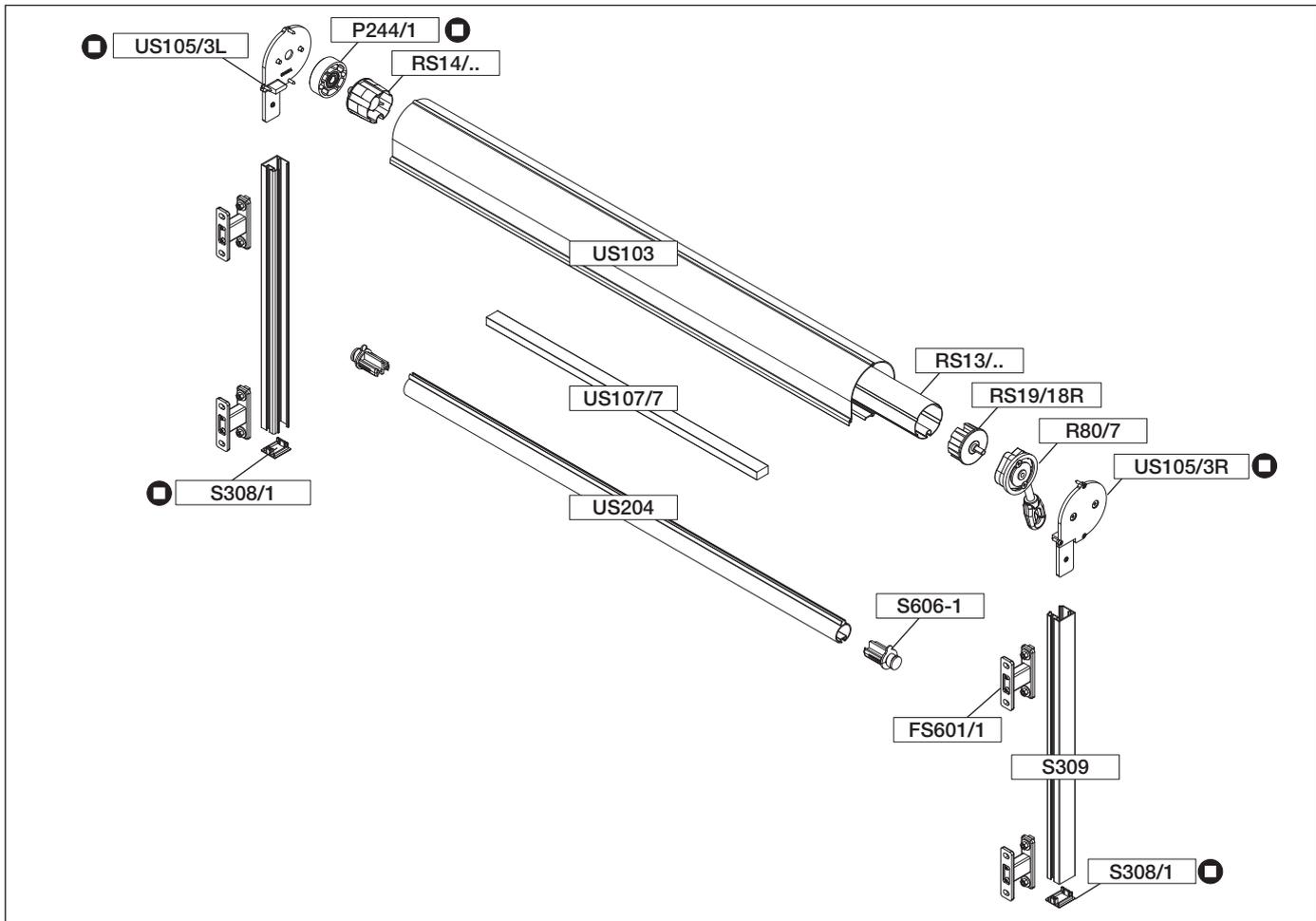


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Vertical awning

US3510/3

Exploded view



Set: ○ = US1010/3 ! US1010/14 US1010/15 US1010/16/li US1010/16/re **US3510/3**

US3510

Guide rail		
S309	7.00 m	pc.
End cap		
S308/1 for S309		pc.
Cable guide		
US100/10	100 cm	pc.
../12	125 cm	pc.
../15	150 cm	pc.
../17	175 cm	pc.
../20	200 cm	pc.
../22	225 cm	pc.
../25	250 cm	pc.
../27	275 cm	pc.
../30	300 cm	pc.
US100-1/10	100 cm	pc.
-1/12	125 cm	pc.
-1/15	150 cm	pc.
-1/17	175 cm	pc.
-1/20	200 cm	pc.
-1/22	225 cm	pc.
-1/25	250 cm	pc.
-1/27	275 cm	pc.
-1/30	300 cm	pc.
-1/32	320 cm	pc.

Components list

Rod guide		
US101/10	100 cm	pc.
../12	125 cm	pc.
../15	150 cm	pc.
../17	175 cm	pc.
../20	200 cm	pc.
../22	225 cm	pc.
../25	250 cm	pc.
../27	275 cm	pc.
../30	300 cm	pc.
Fixing bracket		
S307	lateral installation	pc.
FS602/1	Single plate, 50 mm	pc.
FS601/1	Single plate, 50 mm	pc.
FS601/2	Double plate, 50 mm	pc.
FS601/3	Single plate, 80 mm	pc.
FS601/4	Double plate, 80 mm	pc.
FS601/5	Single plate, 200 mm	pc.
FS601/6	Double plate, 200 mm	pc.
US120-2	fixing bracket (wall)	pair
US120-1	fixing bracket (floor)	pair
US209	Holder with chuck, wall	pair
US210	Holder with chuck, floor	pair

Vertical awning

Gearbox with end stop		
R80/1	Standard with interior square	pc.
R80/2	With ring	pc.
R80/3	With bayonet cratch	pc.
R80/4	Exterior	pc.
R80/5	Exterior with ring and cap	pc.

Gearbox without end stop		
R80/6	Standard with square interior	pc.
R80/7	With ring	pc.
R80/8	With bayonet catch	pc.

Tubular motors		
Motor drive M / M STAS / STAK 3		pc.
Motor drive E / E STAS / STAK 3		pc.
Motor drive E radio / E radio STAS / STAK 4		pc.

Box profile		
US103	7.00 m	pc.

Front rail		
US204	7.00 m	pc.

Front rail weight		
US107/7 25 x 15 mm steel	0.59 m	pc.
	6.00 m	pc.

Guide gudgeon		
S606-1 for US204 with aluminium guide rail		pc.
S606-2 for US204 with rod and cable guide		pc.

Gudgeon		
S212 for US 204		pc.

Installation plate		
US106		pc.

Roller tube, galvanised		
RS13/1 60 x 0.75 mm	4.00 m	pc.
	7.00 m	pc.
RS13/3 70 x 1.00 mm	4.00 m	pc.
	4.50 m	pc.
	5.00 m	pc.
	7.00 m	pc.
RS13/4 78 x 1.00 mm	4.00 m	pc.
	5.00 m	pc.
	5.50 m	pc.
	6.00 m	pc.
	6.50 m	pc.
7.00 m	pc.	
RS13/6 60 x 1.60 mm Alu (Motor)	7.00 m	pc.

Roller tube gudgeon, round		
RS14/1 60 mm plastic without board		pc.
RS14/2 70 mm plastic without board		pc.
RS14/4 78 mm plastic without board		pc.

Roller tube gudgeon, square interior		
RS80/7 60 mm plastic without board		pc.
RS80/8 70 mm plastic without board		pc.
RS80/9 78 mm plastic without board		pc.

Free wheel gudgeon, square, for gearbox R80/6, R80/7, R80/8		
RS19/18 L 60 mm plastic without board		pc.
RS19/18 R 60 mm plastic without board		pc.

Operating handle			
S804 with hook	80 cm	pc.	
	100 cm	pc.	
	120 cm	pc.	
	135 cm	pc.	
	150 cm	pc.	
	160 cm	pc.	
	180 cm	pc.	
	200 cm	pc.	
	R95/1 without headpiece	90 cm	pc.
		100 cm	pc.
110 cm		pc.	
120 cm		pc.	
130 cm		pc.	
150 cm		pc.	
200 cm		pc.	

Operating handle headpiece for R95/1		
R96/1	45° joint plate	pc.
R96/3	90° joint plate	250 mm pc.
R96/5	90° joint plate	400 mm pc.
R97/2	operating handle hopper	pc.

Gasket		
R94/1		pc.

Coupling links		
US108/1 square steel	20 cm	pc.
	50 cm	pc.

Set for rod and cable guide		
US1010/2	consisting of:	pc.
▲	2 side caps US105/1 L+R with M8 thread	
	2 adjustment caps US105/2 L+R	
	1 bearing opposite side with ball bearing P244/1	
	1 set of screws	

Set for aluminium guide rail		
US1010/3	consisting of:	pc.
□	2 side caps US105/3 L+R	
	2 adjustment caps S308/1 L+R for S309	
	1 bearing opposite side with ball bearing P244/1	
	1 set of screws	

Set to link two installations with aluminium guide rails		
US1010/14	consisting of:	pc.
	2 side caps FS105/4 L+R with drilling	
	2 end caps S308/1 L+R for S309	
	1 intermediate ring with ball bearing PS120/2	
	1 coupling disk	
	1 set of screws	

Set to link two installations with rod and cable guides		
US1010/15	consisting of:	pc.
	2 side caps FS105/1 L+R with M8 thread and hole	
	2 side caps US105/2 L+R with hole	
	1 intermediate ring with ball bearing PS120/2	
	1 intermediate ring without ball bearing	
	1 coupling disk	
	1 set of screws	

Gearbox set left (exterior gearbox)		
US1010/16/li	consisting of:	pc.
	1 side cap FS105/4 L with hole	
	1 side cap FS105/3 R without hole	
	1 bearing opposite side with ball bearing P244/1	
	2 end caps S308/1 L+R for S309	
	1 set of screws	

Gearbox set right (exterior gearbox)		
US1010/16/re	consisting of:	pc.
	1 side cap FS105/4 R with hole	
	1 side cap FS105/3 L without hole	
	1 bearing opposite side with ball bearing P244/1	
	2 end caps S308/1 L+R for S309	
	1 set of screws	

60er Gudgeon garniture for coupled systems		
FS6011/1	consisting of:	pc.
	2 Roller tube gudgeon with screw R34/2	
	2 Clutch sleeve	

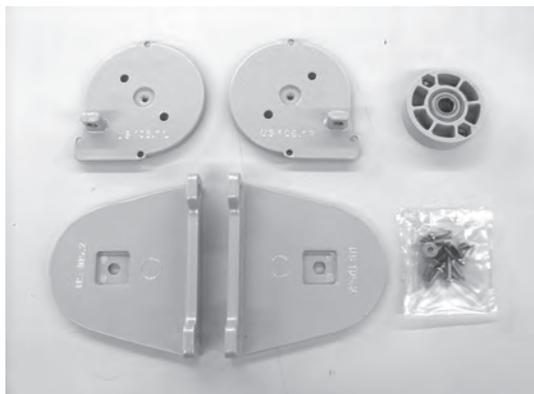
70er Gudgeon garniture for coupled systems		
FS6011/2	consisting of:	pc.
	2 Roller tube gudgeon with screw R35	
	2 Clutch sleeve	

78er Gudgeon garniture for coupled systems		
FS6011/3	consisting of:	pc.
	2 Roller tube gudgeon with screw R38-1	
	2 Clutch sleeve	

UNIVERSAL US3510

Vertical awning

US1010/2



Set for aluminium rod and cable guide

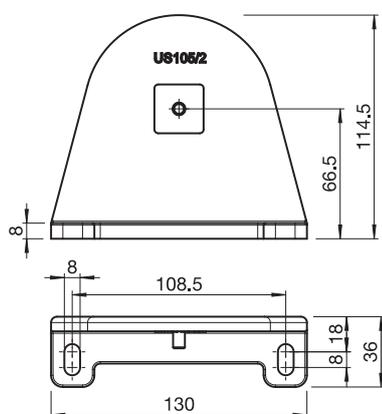
Side cap with M8 thread nose for the cable or the rod. Adjustment cap with square cut-out for 90° adjustment for wall or top fix. Bearing opposite side to the roller tube and bottom fixations for the cable or rod.

DELIVERY

2 side caps US105/1 L+R with M8 thread
2 adjustment caps US105/2 L+R
1 bearing opposite side with ball bearing P244/1
1 set of screws

PACKAGING UNIT

Set



US1010/3



Set for aluminium guide

Side cap with plug in tab for the aluminium guide S309, with cast on stop for the front tube. Bearing opposite side to hold the roller tube and bottom end cap in aluminium guide.

DELIVERY

2 side caps US105/3 L+R
2 end caps S308/1 L+R for S309
1 bearing opposite side with ball bearing P244/1
1 set of screws

PACKAGING UNIT

Set

UNIVERSAL US3510

Vertical awning

US1010/14



Link set

This link set is used with the UNIVERSAL US3510 with aluminium guides.

DELIVERY

2 side caps	US105/4 L+R with drilling
2 end caps	S308/1 L+R for S309
1 intermediate ring with ball bearing	PS120/2
1 coupling disk	
1 set of screws	

PACKAGING UNIT

Set

US1010/15



Links set

This link set is used with the UNIVERSAL US3510 with cable and rod guides.

DELIVERY

2 side caps with M8 thread and hole	US105/1 L+R
2 adjustment caps with hole	US105/2 L+R
1 intermediate ring with ball bearing	PS120/2
1 intermediate ring without ball bearing	
1 coupling disk	
1 set of screws	

PACKAGING UNIT

Set

US1010/16/li



Gearbox set left (exterior gearbox)

This gearbox set is to be used only with awnings with gearbox drive left and with an exterior worm gearbox.

DELIVERY

1 side cap with	US105/4 le.
1 side cap without hole	US105/3 ri.
1 bearing opposite side with ball bearing P244/1	
2 end caps	S308/1 L+R for S309
1 set of screws	

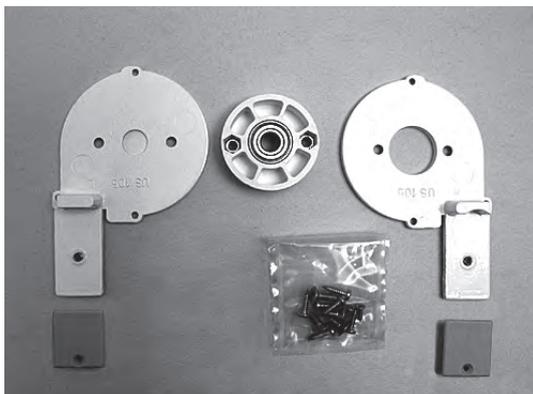
PACKAGING UNIT

Set

UNIVERSAL US3510

Vertical awning

US1010/16/re



Gearbox set right (exterior gearbox)

This gearbox set is to be used only with awnings with gearbox drive right and with an exterior worm gearbox.

DELIVERY

1 side cap with	US105/4 ri.
1 side cap without hole	US105/3 le.
1 bearing opposite side with ball bearing P244/1	
2 end caps	S308/1 L+R for S309
1 set of screws	

PACKAGING UNIT

Set

FS6011/1



60er Gudgeon garniture for coupled systems

This journal fitting is used with the coupling profile fitting and with the use of the 60mm roller shaft.

DELIVERY

2 Roller tube gudgeon with screw	R34/2
2 Clutch sleeve	

PACKAGING UNIT

Set

FS6011/2



70er Gudgeon garniture for coupled systems

This journal fitting is used with the coupling profile fitting and with the use of the 70mm roller shaft.

DELIVERY

2 Roller tube gudgeon with screw	R35
2 Clutch sleeve	

PACKAGING UNIT

Set

UNIVERSAL US3510

Vertical awning

FS6011/3



78er Gudgeon garniture for coupled systems

This journal fitting is used with the coupling profile fitting and with the use of the 78mm roller shaft.

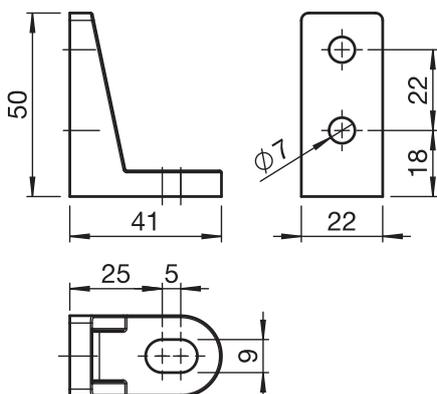
DELIVERY

2 Roller tube gudgeon with screw R38-1
2 Clutch sleeve

PACKAGING UNIT

Set

US120-2



Fixing bracket (wall)

This fixing bracket is required if a crank or cable guide has to be installed on a wall or soffit. Fixing materials supplied by customer.

MATERIAL

Aluminium alloy casting

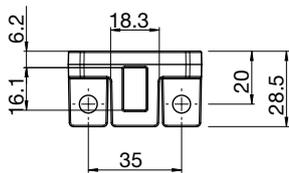
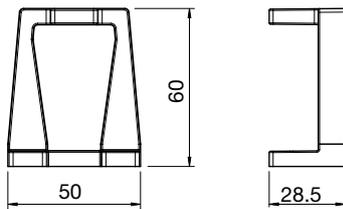
PACKAGING UNIT

Pair

UNIVERSAL US3510

Vertical awning

US120-1



Fixing bracket (floor)

This fixing bracket is required if a crank or cable guide has to be installed on a breast or window sill. Fixing materials supplied by customer.

MATERIAL

Aluminium alloy casting

PACKAGING UNIT

Pair

US209



Holder with chuck, (wall)

This holder is required when a cable guide is used in conjunction with a chuck for simple mounting on a wall. Mounting material on site.

MATERIAL

Aluminium alloy casting

PACKAGING UNIT

Pair

UNIVERSAL US3510

Vertical awning

US210



Holder with chuck, (floor)

This holder is required when a cable guide is used in conjunction with a chuck for simple mounting on a balustrade or window ledge. Mounting material on site.

MATERIAL

Aluminium alloy casting

PACKAGING UNIT

Pair

US106



Installation plate

This installation plate facilitates the installation of the UNIVERSAL US3510 if the hind fixation hole is badly accessible.

MATERIAL

Installation plate:

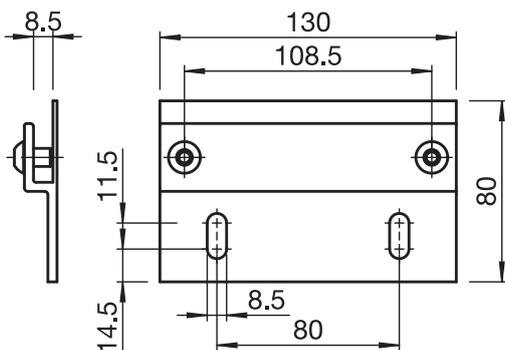
extruded aluminium profiles

Screws:

stainless steel

PACKAGING UNIT

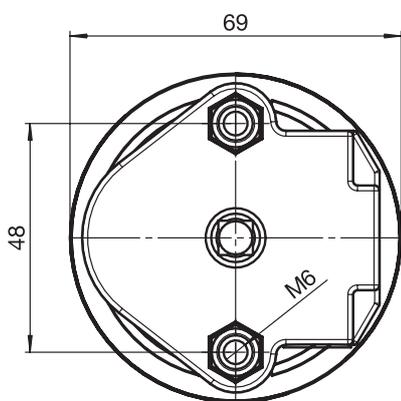
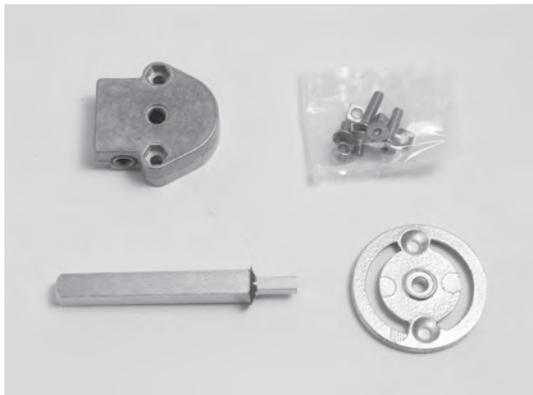
Piece



UNIVERSAL US3510

Vertical awning

R80/1



Worm gearbox with end stop

This worm gearbox with small installation depth is especially adapted for box awnings. The reduction 4:1 is easy to manipulate on facades.

ENGINEERING DATA

This gearbox is to be used with a minus J-measurement, to be fixed within the side cap.

R80/1:	with end stop
Reduction:	4:1
Drive:	with interior square 6 x 6 mm
Output:	interior: square 7 x 7 mm exterior: square 13 x 13 mm

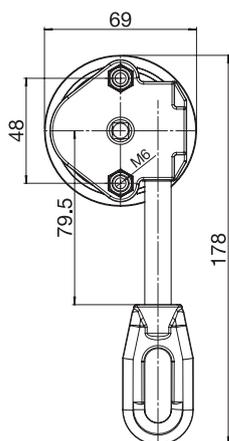
MATERIAL

Gearbox:	aluminium alloy casting
Screws:	stainless steel
Adjustment ring:	aluminium, raw
Drive square:	steel, galvanised

PACKAGING UNIT

Set

R80/2



Worm gearbox with end stop

This worm gearbox with small installation depth is especially adapted for box awnings. The reduction 4:1 is easy to manipulate on facades.

ENGINEERING DATA

This gearbox is to be used with a minus J-measurement, to be fixed within the side cap.

R80/2:	with end stop
Reduction:	4:1
Drive:	with ring
Output:	interior: square 7 x 7 mm exterior: square 13 x 13 mm

MATERIAL

Gearbox:	aluminium alloy casting
Screws:	stainless steel
Drive:	plastic
Adjustment ring:	aluminium, raw
Drive square:	steel, galvanised

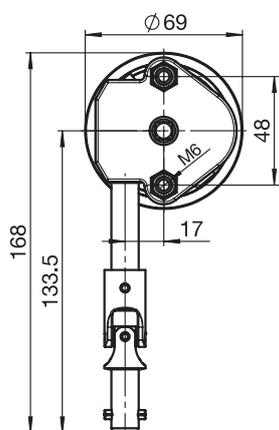
PACKAGING UNIT

Set

UNIVERSAL US3510

Vertical awning

R80/3



Worm gearbox with end stop

This worm gearbox with small installation depth is especially adapted for box awnings. The reduction 4:1 is easy to manipulate on facades.

ENGINEERING DATA

This gearbox is to be used with a minus J-measurement, to be fixed within the side cap.

R80/3:	with end stop
Reduction:	4:1
Drive:	with operating handle link (bayonet catch)
Output:	interior: square 7 x 7 mm exterior: square 13 x 13 mm

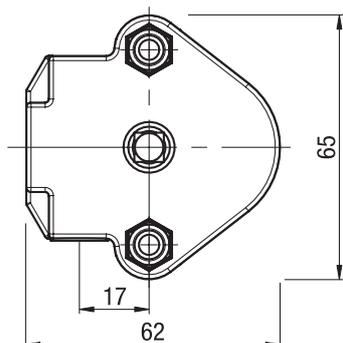
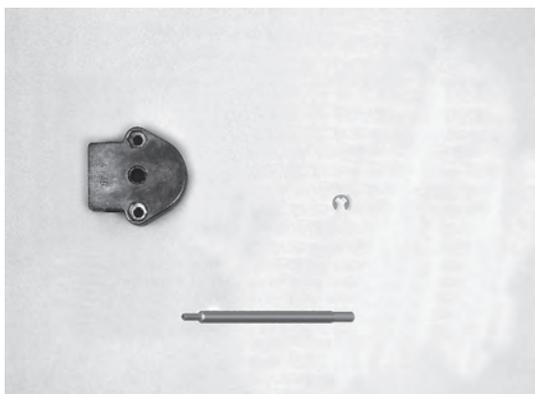
MATERIAL

Gearbox:	aluminium alloy casting
Screws:	stainless steel
Drive:	stainless steel (bayonet catch)
Adjustment ring:	aluminium, raw
Drive square:	steel, galvanised

PACKAGING UNIT

Set

R80/4



Exterior worm gearbox with end stop

This worm gearbox with small installation depth is especially adapted for box awnings. The reduction 4:1 is easy to manipulate on facades.

ENGINEERING DATA

R80/4:	with end stop
Reduction:	4:1
Drive:	with interior square 6 x 6 mm
Output:	interior: square 7 x 7 mm exterior: square 13 x 13 mm

MATERIAL

Gearbox:	aluminium alloy casting
Screws:	stainless steel
Drive square with round edges ZS118/1	steel, galvanised

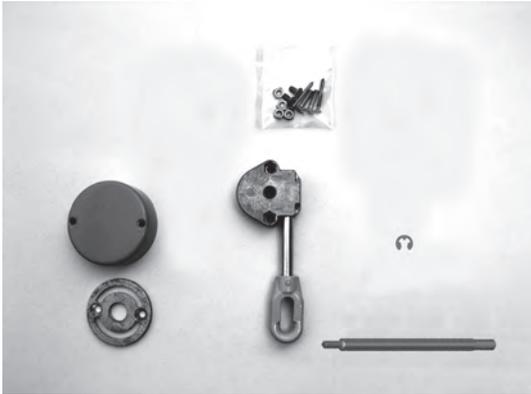
PACKAGING UNIT

Set

UNIVERSAL US3510

Vertical awning

R80/5



Exterior worm gearbox with end stop

This worm gearbox with small installation depth is especially adapted for box awnings. The reduction 4:1 is easy to manipulate on facades.

ENGINEERING DATA

Exterior gearbox with gearbox cap

R80/5:	with end stop
Reduction:	4:1
Drive:	with ring
Output:	interior: square 7 x 7 mm exterior: square 13 x 13 mm

MATERIAL

Gearbox:	aluminium alloy casting
Gearbox cap:	aluminium
Drive square:	steel, galvanised
Adjustment ring with hole:	aluminium raw
Screws:	stainless steel

PACKAGING UNIT

Set

R80/6



Worm gearbox without end stop

This worm gearbox with small installation depth is especially adapted for box awnings. The reduction 4:1 is easy to manipulate on facades.

ENGINEERING DATA

This gearbox is to be used with a minus J-measurement, to be fixed within the side cap.

R80/6:	without end stop
Reduction:	4:1
Drive:	with interior square 6 x 6 mm
Output:	interior square 7 x 7 mm

MATERIAL

Gearbox:	aluminium alloy casting
Screws:	stainless steel
Adjustment ring:	aluminium, raw

PACKAGING UNIT

Set

UNIVERSAL US3510

Vertical awning

R80/7



Worm gearbox without end stop

This worm gearbox with small installation depth is especially adapted for box awnings. The reduction 4:1 is easy to manipulate on facades.

ENGINEERING DATA

This gearbox is to be used with a minus J-measurement, to be fixed within the side cap.

R80/7:	without end stop
Reduction:	4:1
Drive:	with ring
Output:	interior square 7 x 7 mm

MATERIAL

Gearbox:	aluminium alloy casting
Screws:	stainless steel
Drive:	plastic (ring)
Adjustment ring:	aluminium, raw

PACKAGING UNIT

Set

R80/8



Worm gearbox without end stop

This worm gearbox with small installation depth is especially adapted for box awnings. The reduction 4:1 is easy to manipulate on facades.

ENGINEERING DATA

This gearbox is to be used with a minus J-measurement, to be fixed within the side cap.

R80/8:	without end stop
Reduction:	4:1
Drive:	with operating handle link (bayonet catch)
Output:	interior: square 7 x 7 mm

MATERIAL

Gearbox:	aluminium alloy casting
Screws:	stainless steel
Drive:	stainless steel (bayonet catch)
Adjustment ring:	aluminium, raw

PACKAGING UNIT

Set

UNIVERSAL US3510

Vertical awning

RS19/18 L+R



Free wheel gudgeon 60 mm square

This free wheel gudgeon left or right is used in connection with the gearbox without end stop R80/6, R80/7, R80/8.

ENGINEERING DATA

Free wheel gudgeon steel square 7 x 7 x 20 mm
Roller tube gudgeon for the 60 mm roller tube

MATERIAL

Roller tube gudgeon	plastic
Square	steel

PACKAGING UNIT

Piece

S804



Operating handles

S804 operating handle (standard) for awnings

ENGINEERING DATA

S804/.	Operating handle projection 18 cm
Standard lengths:	80, 100, 120, 135, 150, 160, 180, 200 cm

MATERIAL

S804:	steel tube \varnothing 12 galvanised and lacquered
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PACKAGING UNIT

Piece

R95/1



Operating handle

Roller blind operating handle to be used with the corresponding universal joint plate or with an operating handle funnel.

ENGINEERING DATA

Operating handle with aluminium tube and safety clip for the universal joint plate or operating handle funnel. The universal joint plate is inserted with a plug connection into the extension tube and secured with a plastic clip.

MATERIAL

Operating handle:	aluminium with plastic handle
Extension tube:	aluminium

PACKAGING UNIT

Piece

UNIVERSAL US3510

Vertical awning

R96/1



Joint plate

The 45° joint plate is plugged into the aluminium tube of the R95/1 roller blind crank and secured.

ENGINEERING DATA

45° joint plate with plastic fixation plate
Square steel 6 x 6 mm, length 250 mm
Fixation plate 30 x 70 mm
Fits the roller blind operating handle R95/1

MATERIAL

Joint plate: plastic
Square rod: steel

PACKAGING UNIT

Piece

R96/3

R96/5



Joint plate

The 90° joint plate is plugged into the aluminium tube of the R95/1 roller blind crank and secured.

ENGINEERING DATA

90° joint plate with nickel plated steel fixation plate
Square steel 6 x 6 mm length 250 mm / 400 mm
Fixation plate 22 x 85 mm
Fits the roller blind operating handle R95/1

MATERIAL

Joint plate: nickel plated steel
Square rod: steel

PACKAGING UNIT

Piece

R97/2



Operating handle hopper

Operating handle hopper to be inserted and secured with plug-in connection into the aluminium tube of the roller blind operating handle R95/1.

ENGINEERING DATA

Operating handle hopper with bayonet clutch
For the roller blind operating handle R95/1

MATERIAL

Operating handle hopper: nickel plated steel

PACKAGING UNIT

Piece

UNIVERSAL US3510

Vertical awning

R94/1



Exterior sealing ring Malax

Sealing ring to be glued or screwed on at the exterior of the breakout to seal the drilling hole. The ring breakout is made for a square steel 6 x 6 mm and has a pivoting range of 35° to 55°.

ENGINEERING DATA

35° to 55° plastic pivoting plate
Base plate 60 x 80 mm
Predetermined breaking point at 40 x 65 mm
Adapted for a square steel 6 x 6 mm

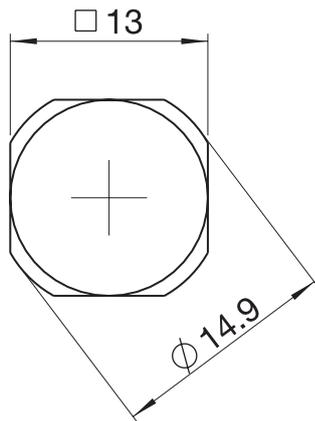
MATERIAL

Sealing ring black: plastic

PACKAGING UNIT

Piece

US108/1



Coupling links / square steel

Necessary when the coupling links are longer than 40 mm.

ENGINEERING DATA

Standard lengths: 20, 50 cm

MATERIAL

Steel, galvanised

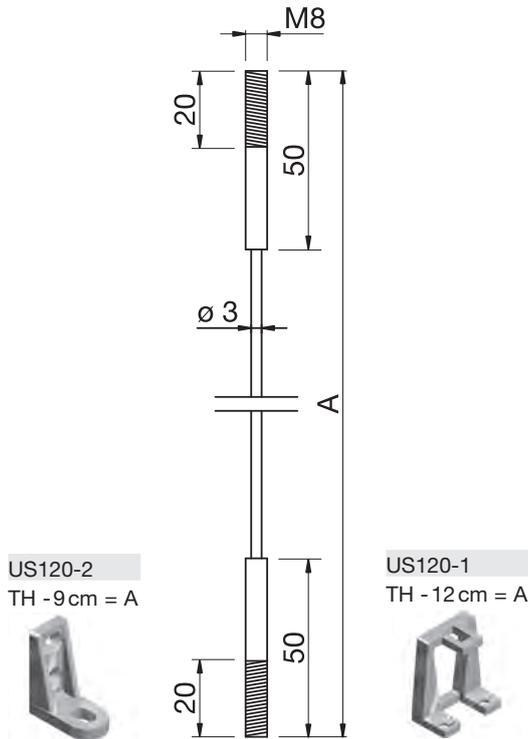
PACKAGING UNIT

Piece

UNIVERSAL US3510

Vertical awning

US100/..



A = length of cable = total height minus 9 / 12 cm

Cable guide

Stainless steel cable 3 mm with pressed on thread M8 for upper and lower connection.

ENGINEERING DATA

Size:	ø 3 mm end piece M8	
Standard lengths:		
US100/10 = 100 cm	US100/17 = 175 cm	US100/25 = 250 cm
US100/12 = 125 cm	US100/20 = 200 cm	US100/27 = 275 cm
US100/15 = 150 cm	US100/22 = 225 cm	US100/30 = 300 cm

Any length available on request

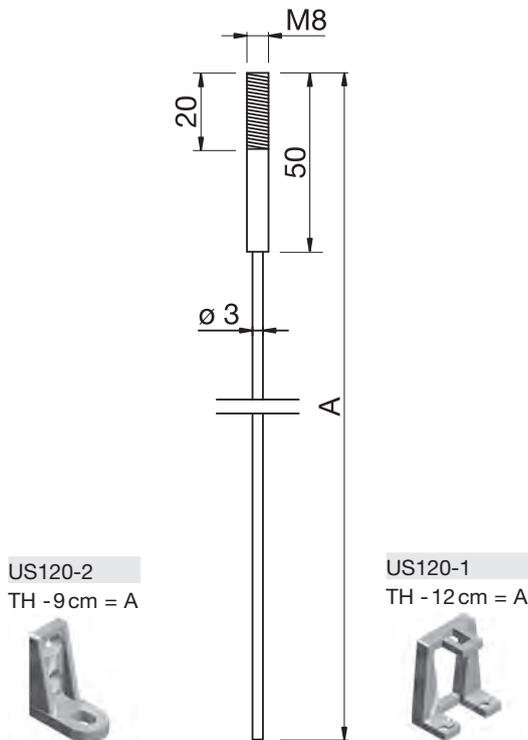
MATERIAL

Cable incl. end piece stainless steel

PACKAGING UNIT

Piece

US100-1/..



A = length of cable = total height minus 9 / 12 cm

Cable guide

Inox steel cable 3 mm with M8 pressed-in threaded end for fastening above and when used with chuck US208 below.

ENGINEERING DATA

Size:	ø 3 mm end piece M8	
Standard lengths:		
US100-1/10 = 100 cm	US100-1/17 = 175 cm	US100-1/25 = 250 cm
US100-1/12 = 125 cm	US100-1/20 = 200 cm	US100-1/27 = 275 cm
US100-1/15 = 150 cm	US100-1/22 = 225 cm	US100-1/30 = 300 cm
US100-1/32 = 320 cm		

Any length available on request

MATERIAL

Cable incl. end piece stainless steel

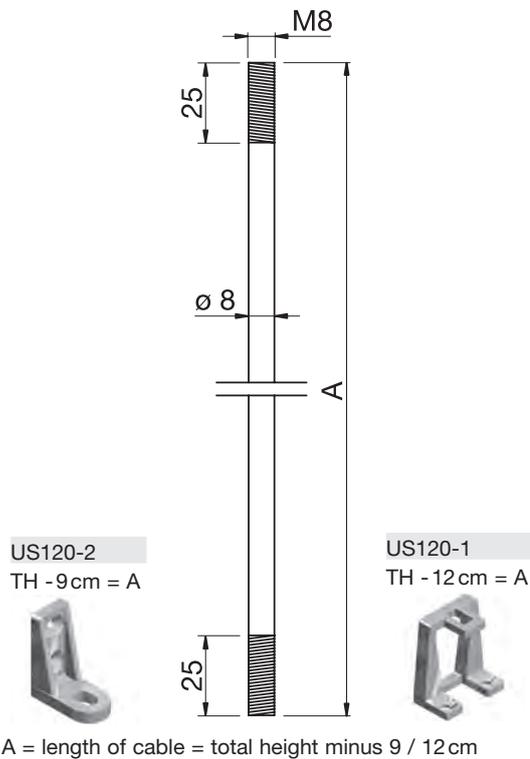
PACKAGING UNIT

Piece

UNIVERSAL US3510

Vertical awning

US101/..



Rod guide

Rod 8 mm with turned on M8 thread at both ends

ENGINEERING DATA

Size: \varnothing 8 mm end piece with M8 thread on both ends

Standard lengths:

US101/10 = 100 cm	US101/17 = 175 cm	US101/25 = 250 cm
US101/12 = 125 cm	US101/20 = 200 cm	US101/27 = 275 cm
US101/15 = 150 cm	US101/22 = 225 cm	US101/30 = 300 cm

Any length available on request

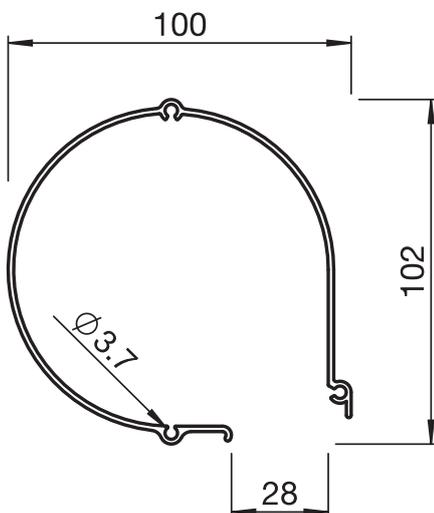
MATERIAL

Chrome steel

PACKAGING UNIT

Piece

US103



Box profile

UNIVERSAL box with screw grooves for the side caps.

ENGINEERING DATA

Standard lengths: 700 cm

MATERIAL

Extruded aluminium profiles

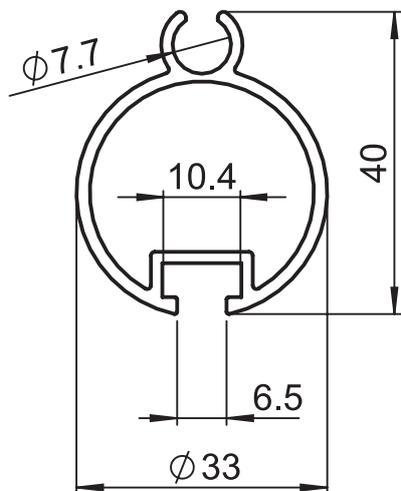
PACKAGING UNIT

Piece

UNIVERSAL US3510

Vertical awning

US204



Front rail

Front rail with round groove for the cover. The hollow chamber holds the iron weight.

ENGINEERING DATA

Standard lengths: 700 cm

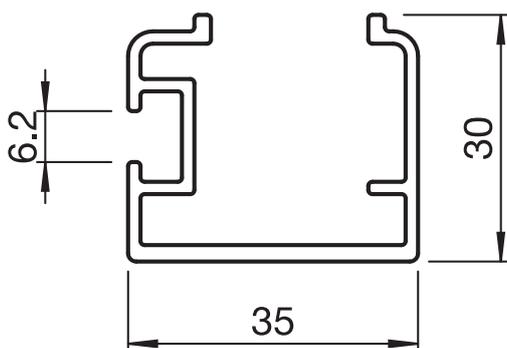
MATERIAL

Extruded aluminium profiles

PACKAGING UNIT

Piece

S309



Guide rail

Aluminium guide rail with groove for the side cap and groove profile for the fixation.

ENGINEERING DATA

Standard length: 700 cm

MATERIAL

Extruded aluminium profiles

PACKAGING UNIT

Piece

S308/1



End cap

End cap for guide rail S309, secured with sheet metal screw.

MATERIAL

Plastic

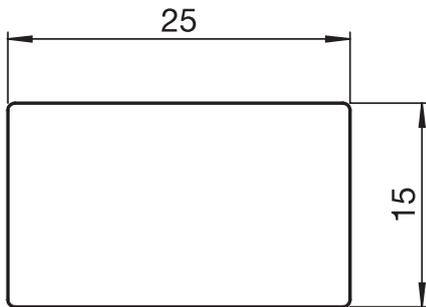
PACKAGING UNIT

Piece

UNIVERSAL US3510

Vertical awning

US107/7



Iron weight

The Iron weight can be inserted in the front rail as an additional weight.

ENGINEERING DATA

Standard lengths: 59, 600 cm
Weight: 2,9 Kg/m

MATERIAL

Steel hot dip galvanised

PACKAGING UNIT

Piece

S606-1



Guide gudgeon

To press into the front rail US204 in connection with the guide rail S309

MATERIAL

Plastic

PACKAGING UNIT

Piece

S606-2



Guide gudgeon

To be pressed into the US204 front rail in combination with US100/..., US100-1/.. cable guide or US101/.. cable guide.

MATERIAL

Plastic

PACKAGING UNIT

Piece

UNIVERSAL US3510

Vertical awning

S212



Gudgeon

To be pressed into the US204 front rail if no guides are required.

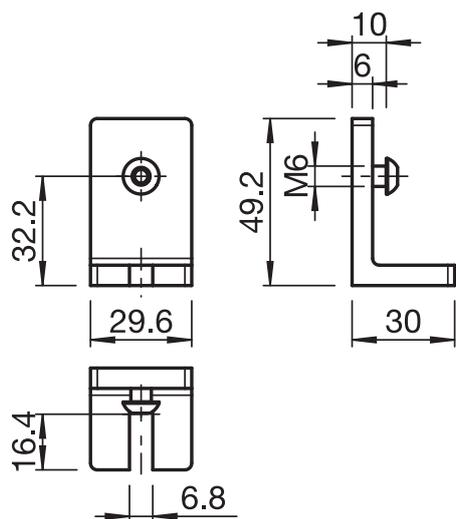
MATERIAL

Plastic

PACKAGING UNIT

Piece

S307



Fixation

This fixation can be used for many applications, p.ex. if the guide rails are fixed on the facade (see drawing).

ENGINEERING DATA

Screws: M6 x 10 mm

MATERIAL

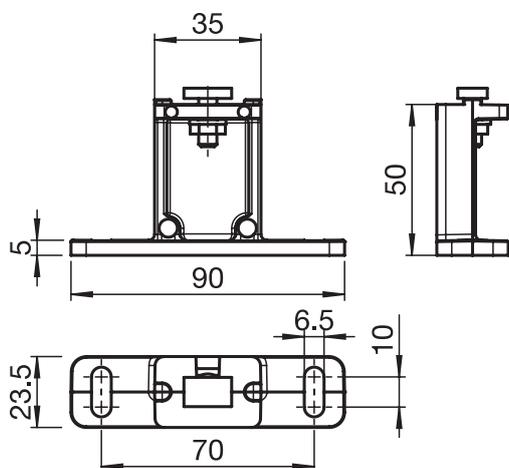
Aluminium alloy casting

Screws stainless steel

PACKAGING UNIT

Piece

FS602/1



Fixing bracket (single plate)

This fixation can be used as standard fixation. To be screwed on facades.

ENGINEERING DATA

Standard height: 50 mm

Screws: M6 x 16 mm sliders complete

MATERIAL

Aluminium alloy casting

Screws: stainless steel

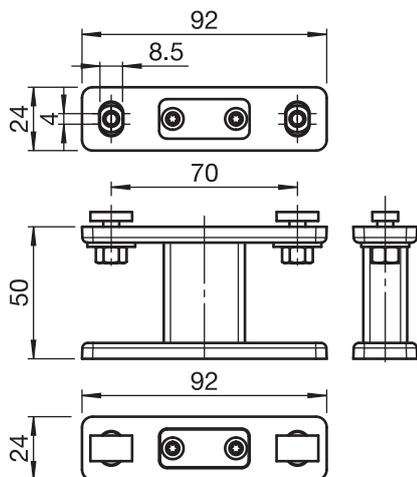
PACKAGING UNIT

Piece

UNIVERSAL US3510

Vertical awning

FS601/1



Fixing bracket (single plate)

This fixing bracket has many applications, such as façades.

ENGINEERING DATA

Retention plates:	92 x 24 x 6 mm
Standard height:	50 mm
Screws:	M6 x 16 mm sliders complete

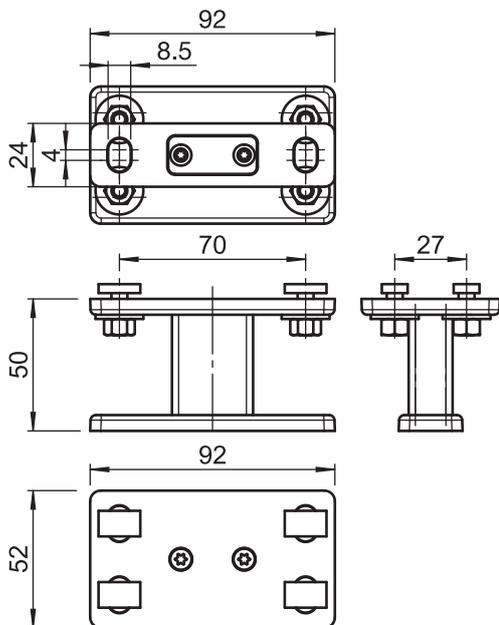
MATERIAL

Extruded aluminium profiles and aluminium alloy casting
Screws: stainless steel

PACKAGING UNIT

Piece

FS601/2



Fixing bracket (double plate)

This fixing bracket has many applications. For two guide rails on linked installations or installations side by side.

ENGINEERING DATA

Retention plates:	92 x 24 x 6 mm / 92 x 52 x 6 mm
Standard height:	50 mm
Screws:	M6 x 16 mm sliders complete

MATERIAL

Extruded aluminium profiles and aluminium alloy casting
Screws: stainless steel

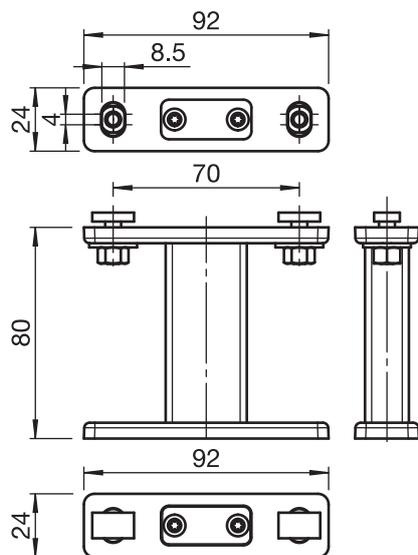
PACKAGING UNIT

Piece

UNIVERSAL US3510

Vertical awning

FS601/3



Fixing bracket (single plate)

This fixing bracket has many applications, such as façades.

ENGINEERING DATA

Retention plates:	92 x 24 x 6 mm
Standard height:	80 mm
Screws:	M6 x16 mm sliders complete

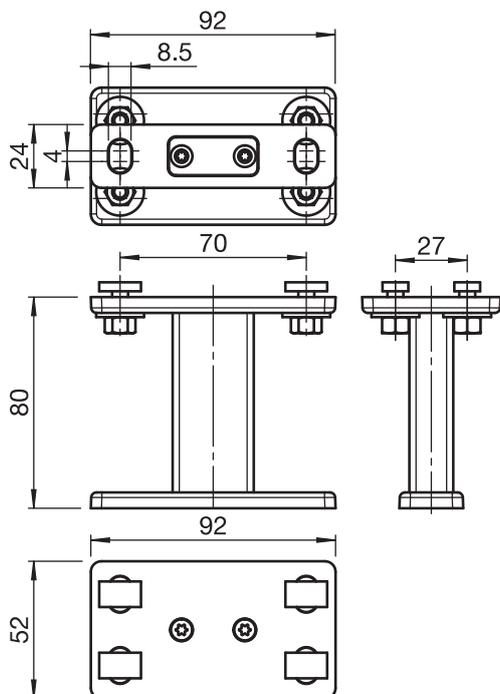
MATERIAL

Extruded aluminium profiles and aluminium alloy casting
Screws: stainless steel

PACKAGING UNIT

Piece

FS601/4



Fixing bracket (double plate)

This fixing bracket has many applications. For two guide rails on linked installations or installations side by side.

ENGINEERING DATA

Retention plates:	92 x 24 x 6 mm / 92 x 52 x 6 mm
Standard height:	80 mm
Screws:	M6 x 16 mm sliders complete

MATERIAL

Extruded aluminium profiles and aluminium alloy casting
Screws: stainless steel

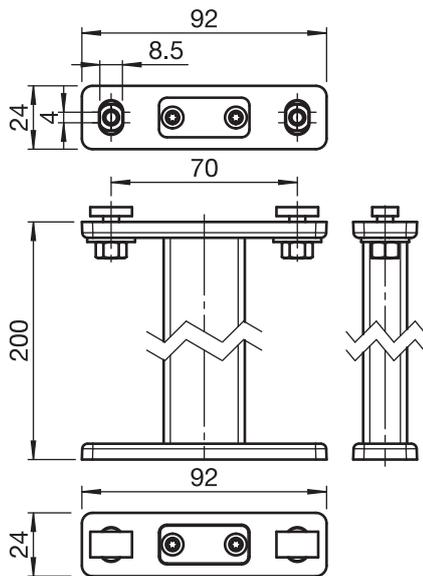
PACKAGING UNIT

Piece

UNIVERSAL US3510

Vertical awning

FS601/5



Fixing bracket (single plate)

This fixing bracket has many applications, such as façades.

ENGINEERING DATA

Retention plates:	92 x 24 x 6 mm
Standard height:	200 mm
Screws:	M6 x16 mm sliders complete

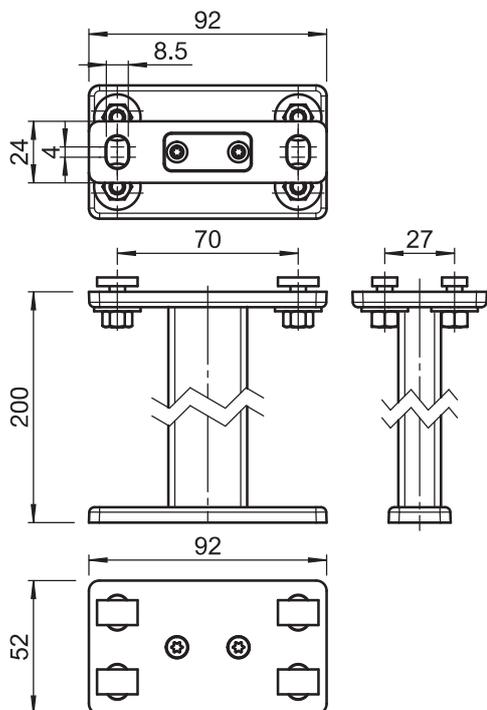
MATERIAL

Extruded aluminium profiles and aluminium alloy casting
Screws: stainless steel

PACKAGING UNIT

Piece

FS601/6



Fixing bracket (double plate)

This fixing bracket has many applications. For two guide rails on linked installations or installations side by side.

ENGINEERING DATA

Retention plates:	92 x 24 x 6 mm / 92 x 52 x 6 mm
Standard height:	200 mm
Screws:	M6 x 16 mm sliders complete

MATERIAL

Extruded aluminium profiles and aluminium alloy casting
Screws: stainless steel

PACKAGING UNIT

Piece