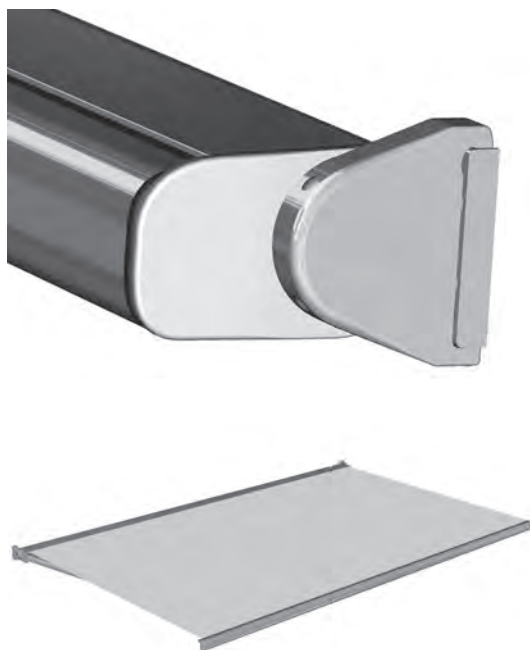


CASABOX BX2000

Cassette awning with folding arms

BX2000



	min. 188 cm *max. 550 cm		min. 160 cm *max. 300 cm
--	-----------------------------	--	-----------------------------

* up to 500 cm total width = projection of 300 cm as from total width of 501 cm / max. projection of 250 cm

with gearbox:

	0°-40° Wall fixing 5°-50° Top fixing 5°-50° Rafter installation
--	---

with motor:

	0°-80° Wall fixing 5°-90° Top fixing 5°-90° Rafter installation
--	---

Minimal width for a given projection

Projection	minimal width
160 cm	188
180 cm	208
200 cm	228
225 cm	258
250 cm	288
300 cm	348

Description

One-piece U-shaped protective box (152 x 123 mm) of extruded aluminium profile as support element of structure with a groove at the upper end of profile for insert-ing sealing brush. Side cap as cassette end for accepting roller tube $\varnothing 70$ or $\varnothing 78$ mm of galvanised steel and for securing folding arms. Securing flange (on side cap) with hooks for angling the awning on the brackets used for wall or top installation. Fixing boom, side cap, bracket are all made of aluminium casting alloy. Awning is extended and retracted manually via a bevel gearbox with integrated end stop and freewheel operating handle ring, speed reduction 4.6 : 1. The bevel gearbox is operated via a removable operating handle of powder-coated metal in white, grey or black with hook and plastic handle. Front profile of extruded aluminium in rounded (58 x 107 mm) or square (62 x 107 mm) shape with matching plastic end caps. Folding arms with inverse incline of aluminium extruded profiles and precision parts of aluminium cast alloy, internal tension springs and double stainless steel cables and cable protector over the middle joint. Simple and continuous inclination angle adjustment via a hexa-gon socket screw in the mounting flange from 0°- 40° with gear and 0°- 80° with motor for wall mounting, 5°- 50° with gear and 5°- 90° with motor for ceiling and rafter mounting.

The aluminium profiles and aluminium cast parts are powder-coated in facade quality. All visible screws are stainless steel. The cover with a spin-dyed acrylic cloth (price category 1), colour fast, very high UV protection, good tensile strength, water and dirt resistant is from the STOBAG collection.

Option:

Brackets: In order to cater for different installation conditions such as poor brickwork, wood/steel structures, rafters etc., we offer a range of different types of brackets.

Wall installation profile: Aluminium extruded wall installation profile incl. side cap of aluminium sheet is attached to the facade to prevent rainwater dropping between the facade and the awning.

Electric drive:

With an electronic limit switch: Tubular AC motor 230 V, 50 Hz or 120 V, 60 Hz (accord-ing to the country) with electromechanical brakes and electronic end stop. Thermal protection, protection class IP54 (spray water), with 50-150 cm connection cable.

Remote control motor with an electronic limit switch: Tubular AC motor 230 V, 50 Hz or 120 V, 60 Hz (according to the country) with electromechanical brakes and electronic end stop. Integrated radio receiver, thermal protection, protection class IP54 (spray water), with 50-150 cm connection cable.

Cover / assembly technology: Awning covers of polyester, acrylic etc. and various assembly technologies such as gluing, TENARA stitching etc as per STOBAG collection (collection index).

METHOD OF DELIVERY

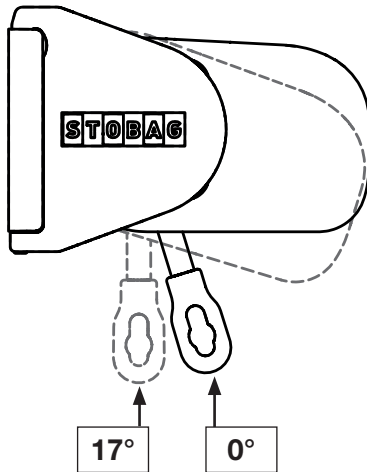
Awnings completely assembled, with cover

CASABOX BX2000

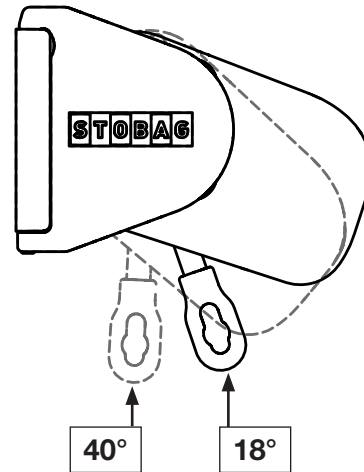
Cassette awning with folding arms

Gearbox position (wall mounting)

Position 1
Drop-out: 0° - 17°



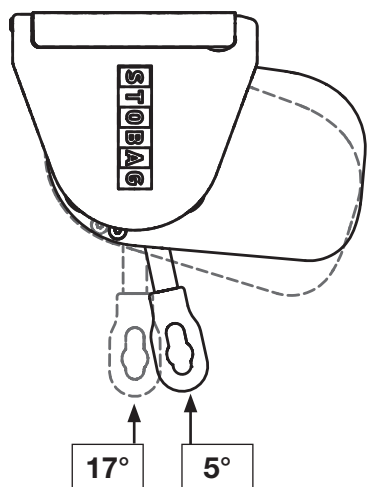
Position 2
Drop-out: 18° - 40°



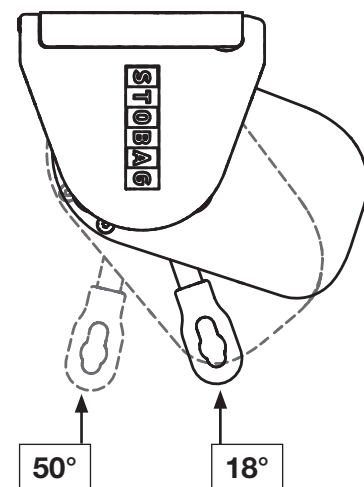
Depending on the drop-out, the position of the crank ring changes.

Gearbox position (ceiling / rafter mounting)

Position 1
Drop-out: 5° - 17°



Position 2
Drop-out: 18° - 50°





Depending on the drop-out, the position of the crank ring changes.

CASABOX BX2000

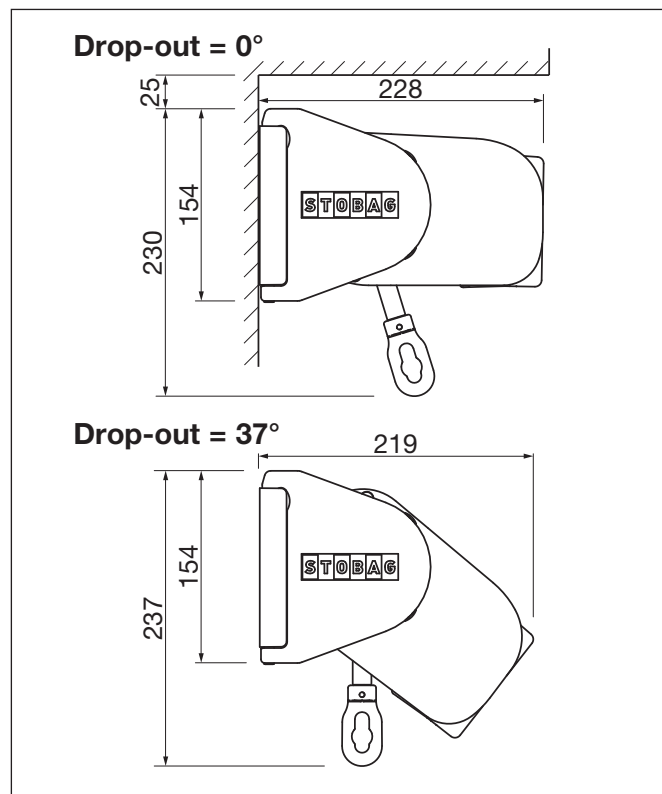
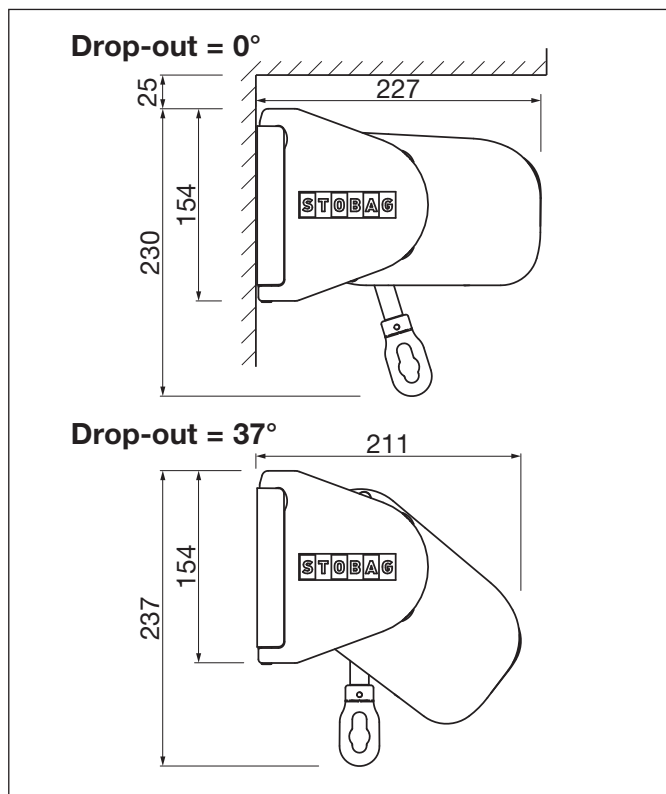
Cassette awning with folding arms

Drop-out table (degrees in cm)

 / 	160	180	200	225	250	300
5°	14	16	17	20	22	26
10°	28	31	35	39	43	52
15°	41	47	52	58	65	78
20°	55	62	68	77	86	103
25°	68	76	85	95	106	127
30°	80	90	100	113	125	150
40°	103	116	129	145	161	193
50°	123	138	153	172	192	230
60°	139	156	173	195	217	260
70°	150	169	188	211	235	282
80°	158	177	197	222	246	295

Dimensions in cm

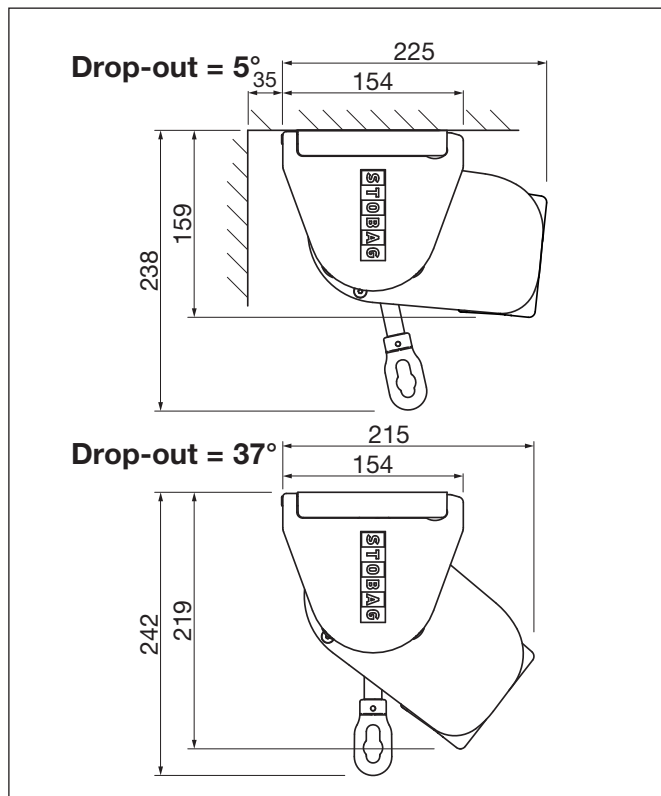
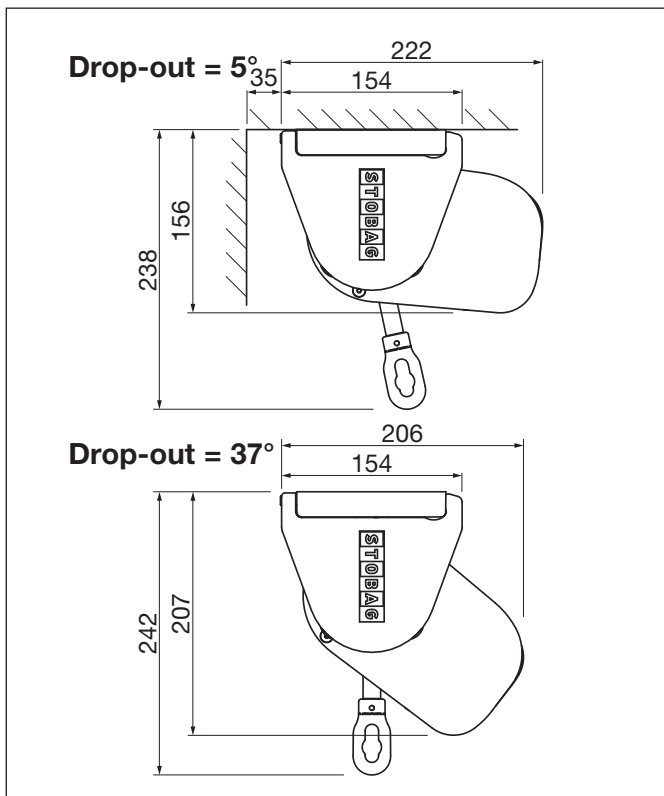
Wall fixing (with gearbox)



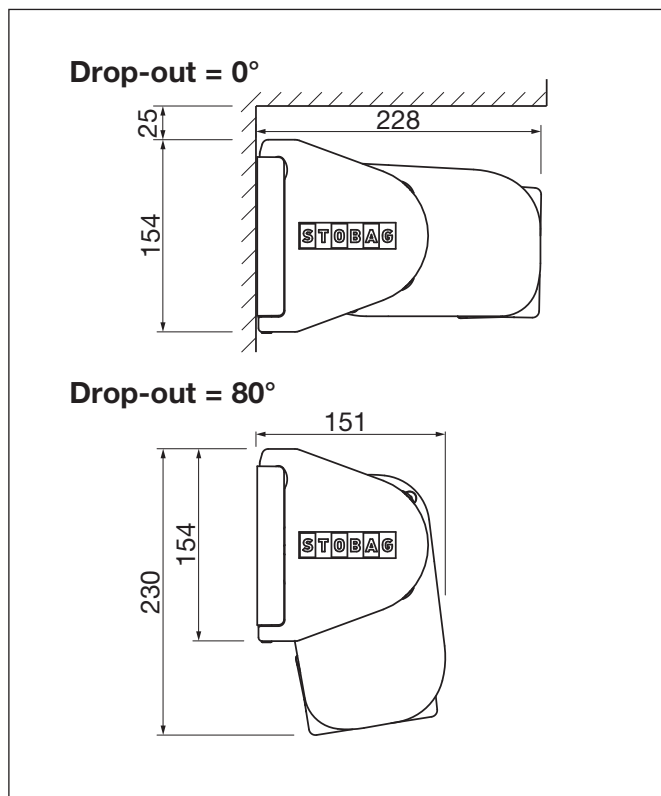
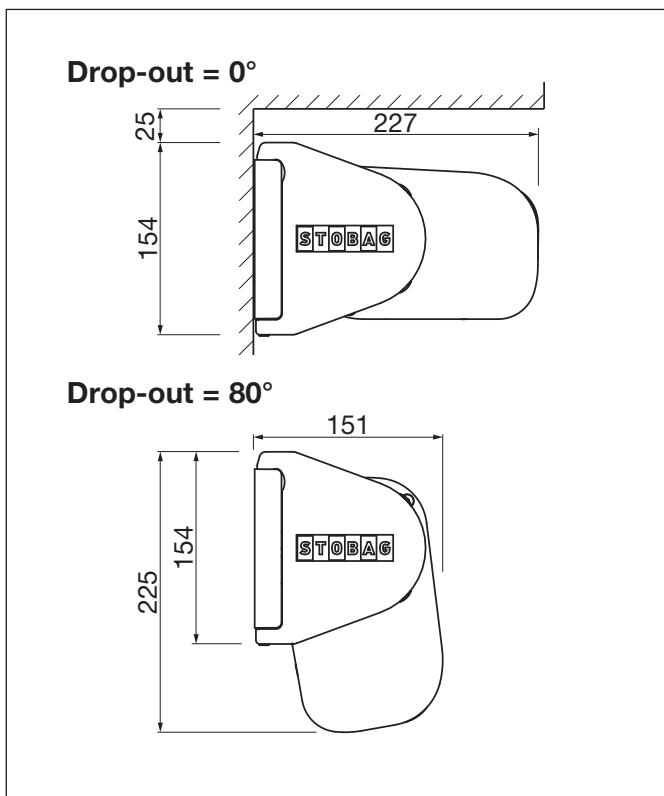
CASABOX BX2000

Cassette awning with folding arms

Top fixing (with gearbox)



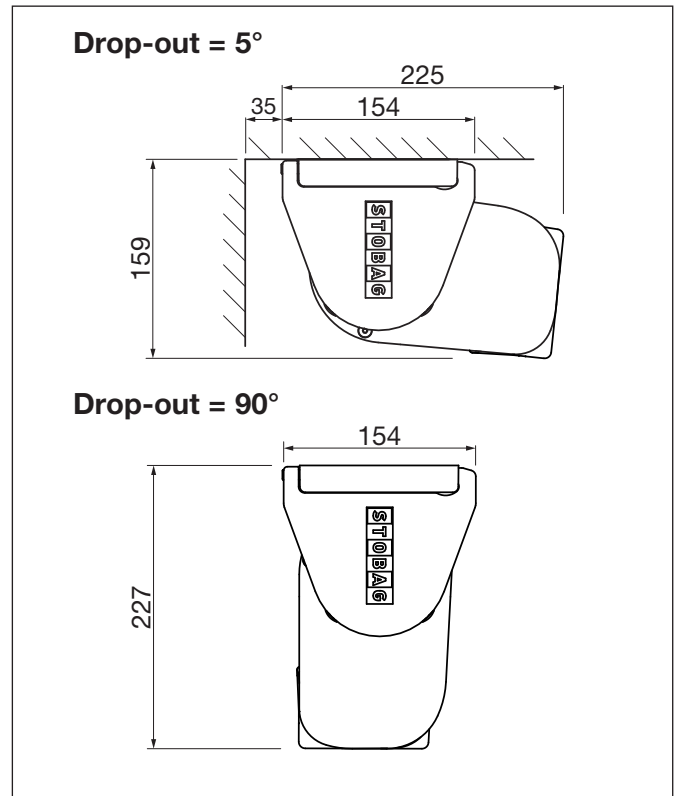
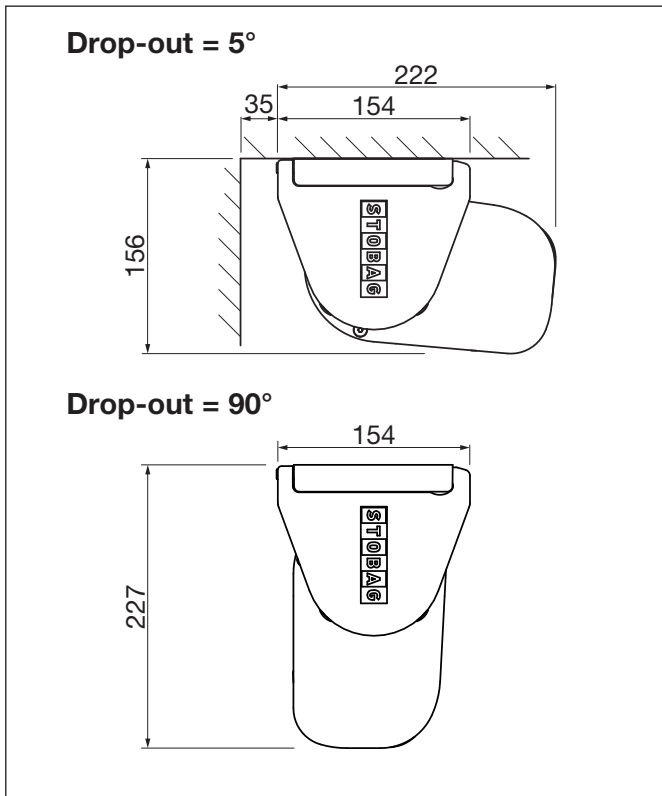
Wall fixing (with motor)



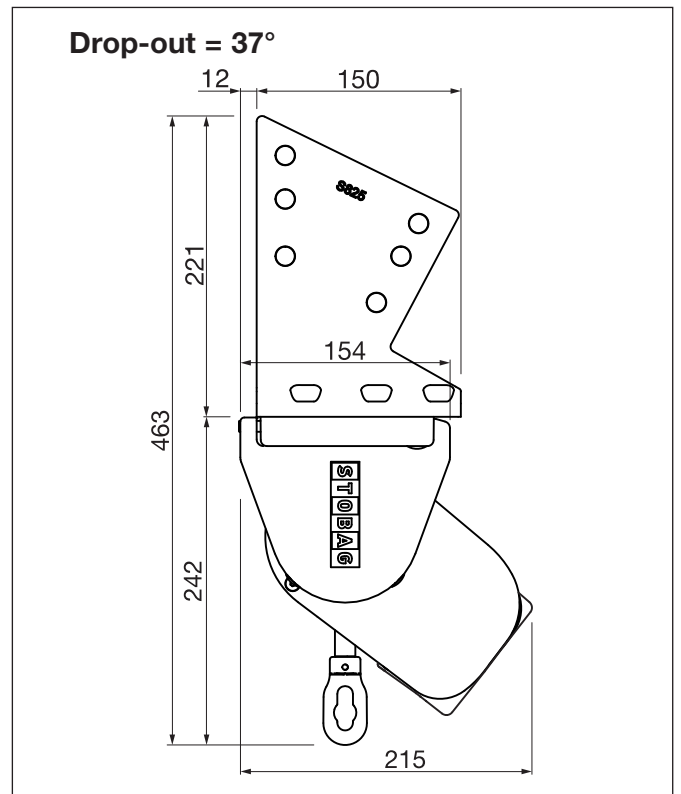
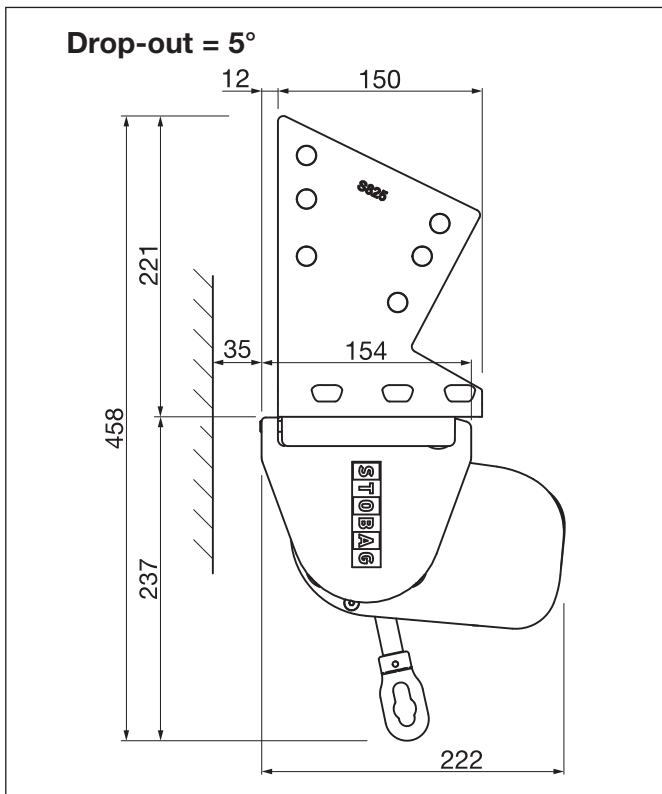
CASABOX BX2000

Cassette awning with folding arms

Top fixing (with motor)



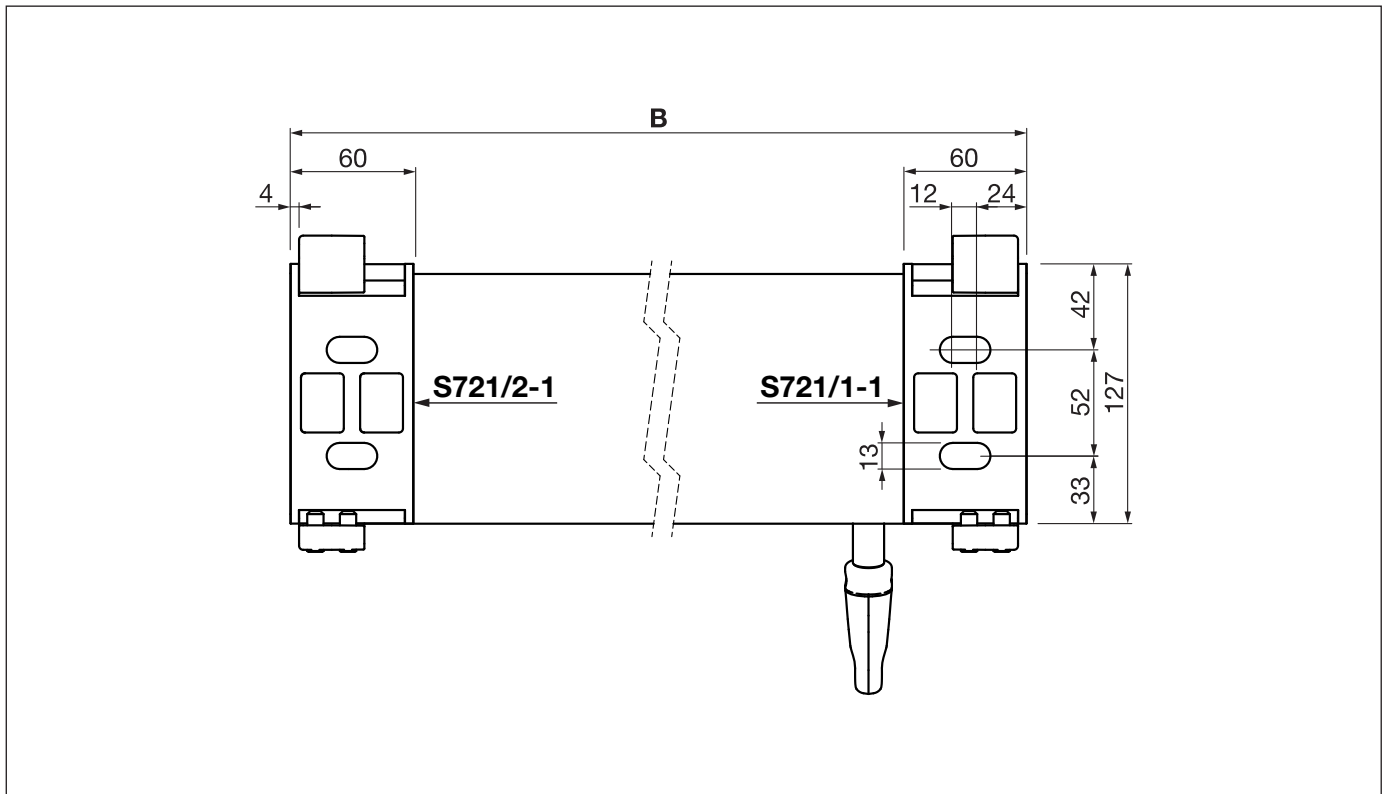
Rafter installation (with gearbox)



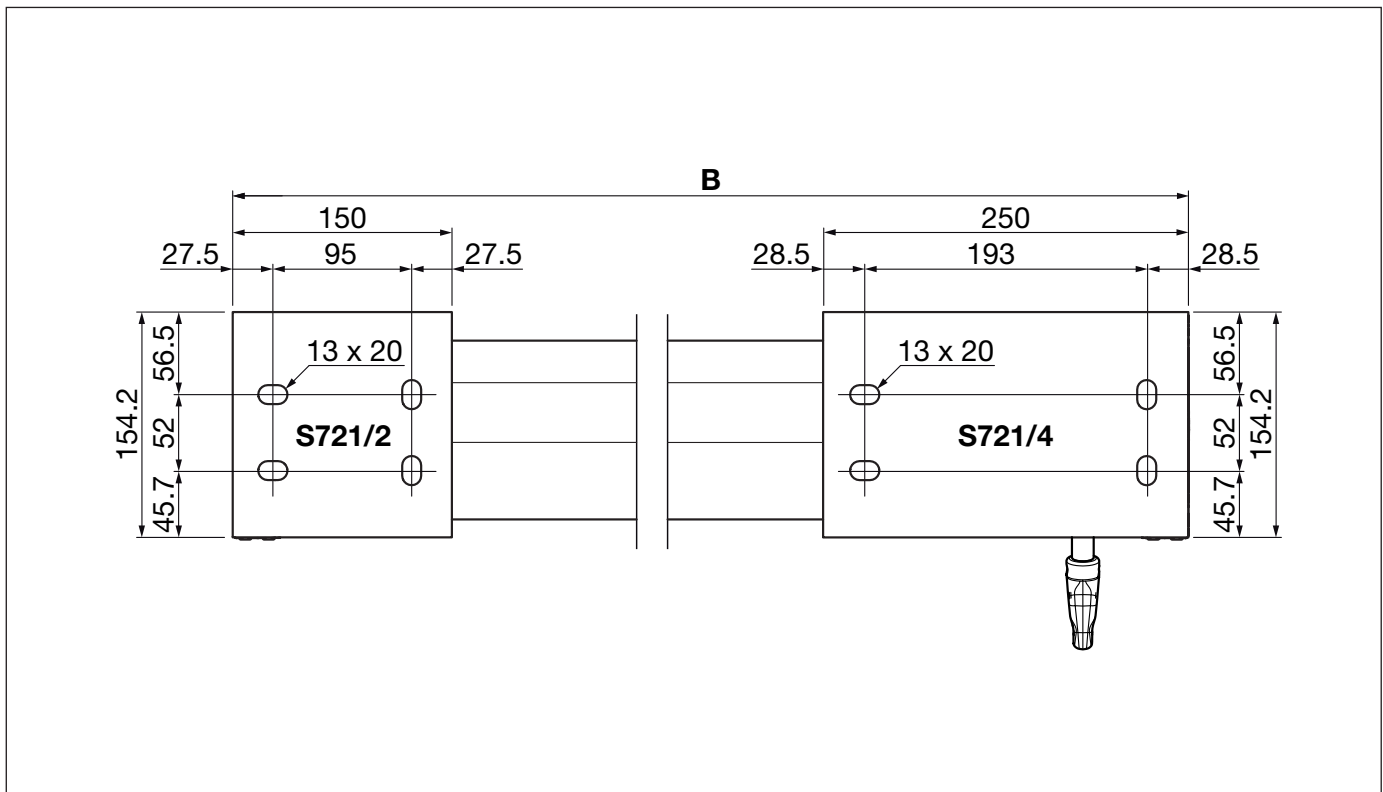
CASABOX BX2000

Cassette awning with folding arms

Assembly plan (standard)



Installation drawing (without bracket cover)

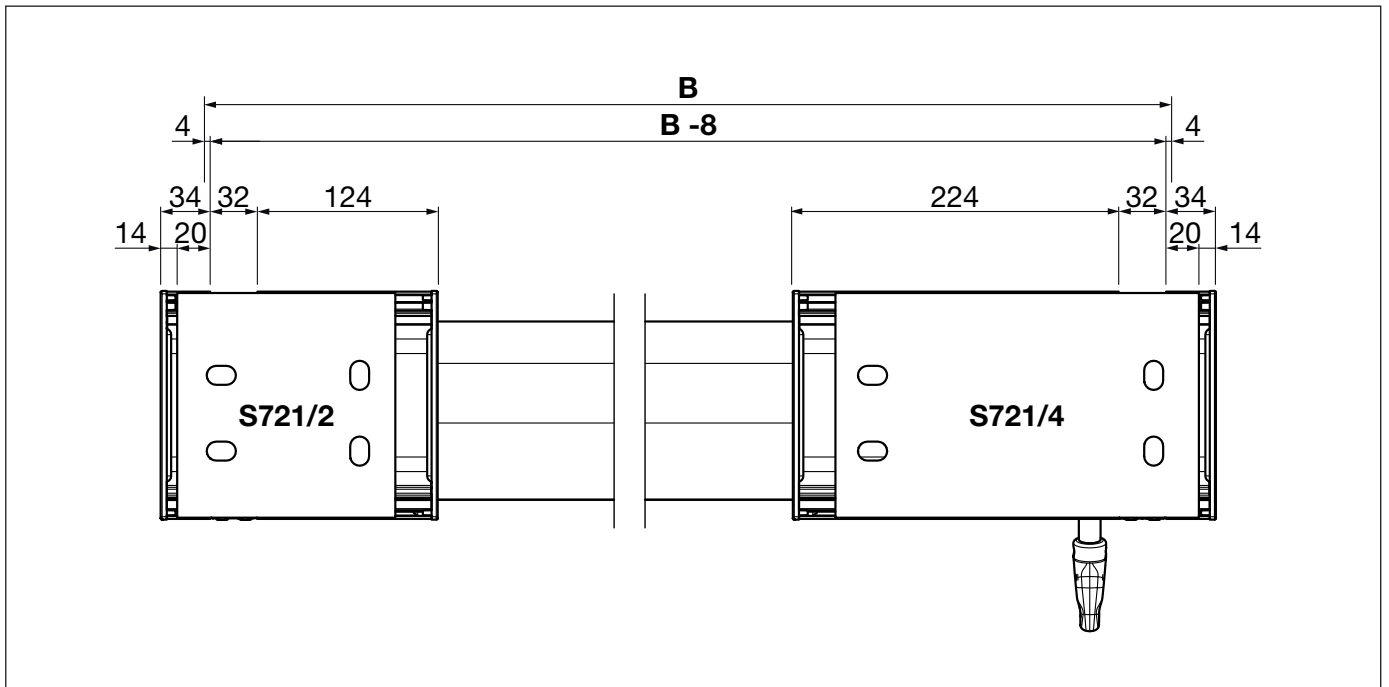


B = total width

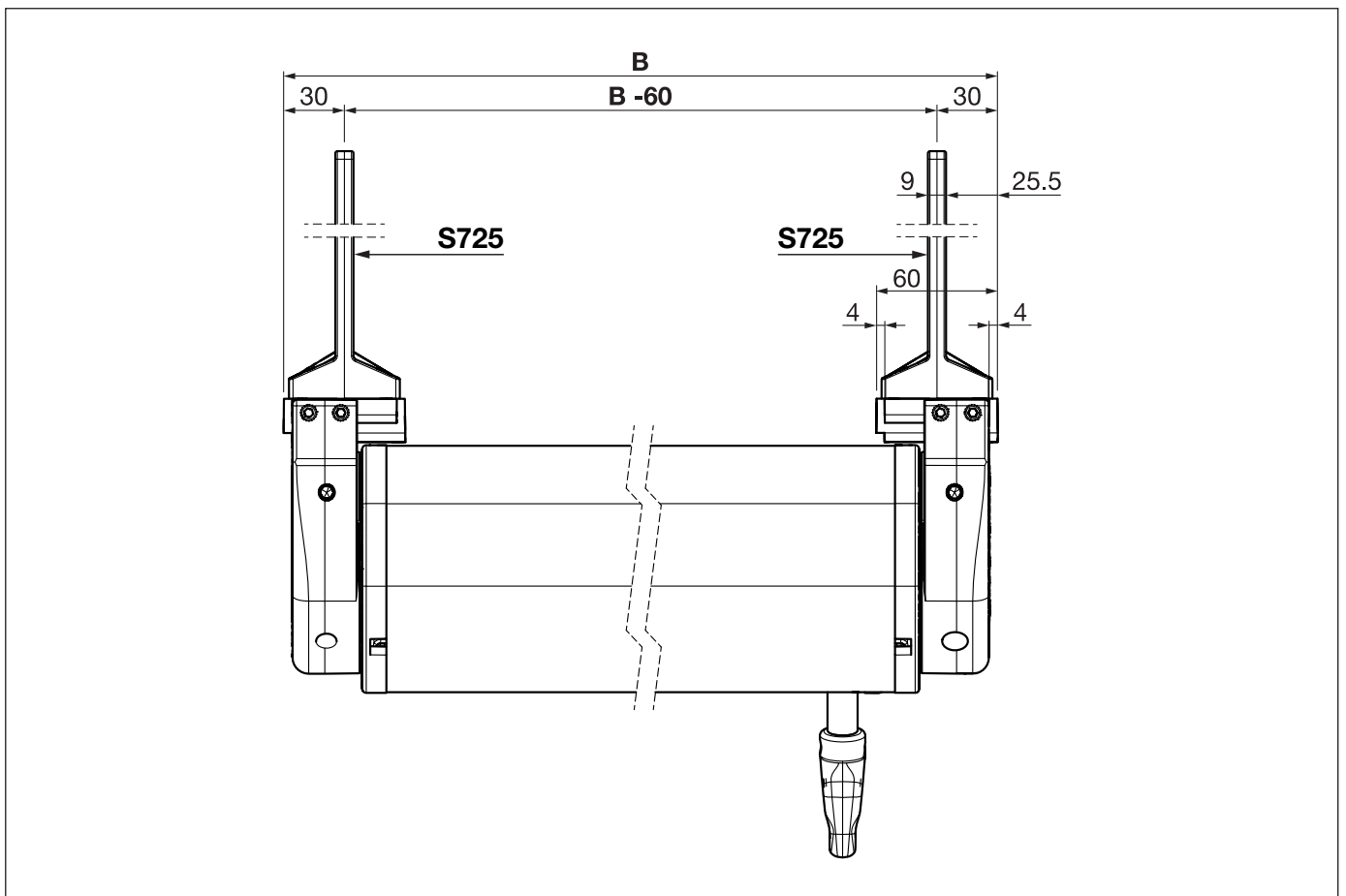
CASABOX BX2000

Cassette awning with folding arms

Installation drawing (with bracket cover)



Installation drawing (rafter)

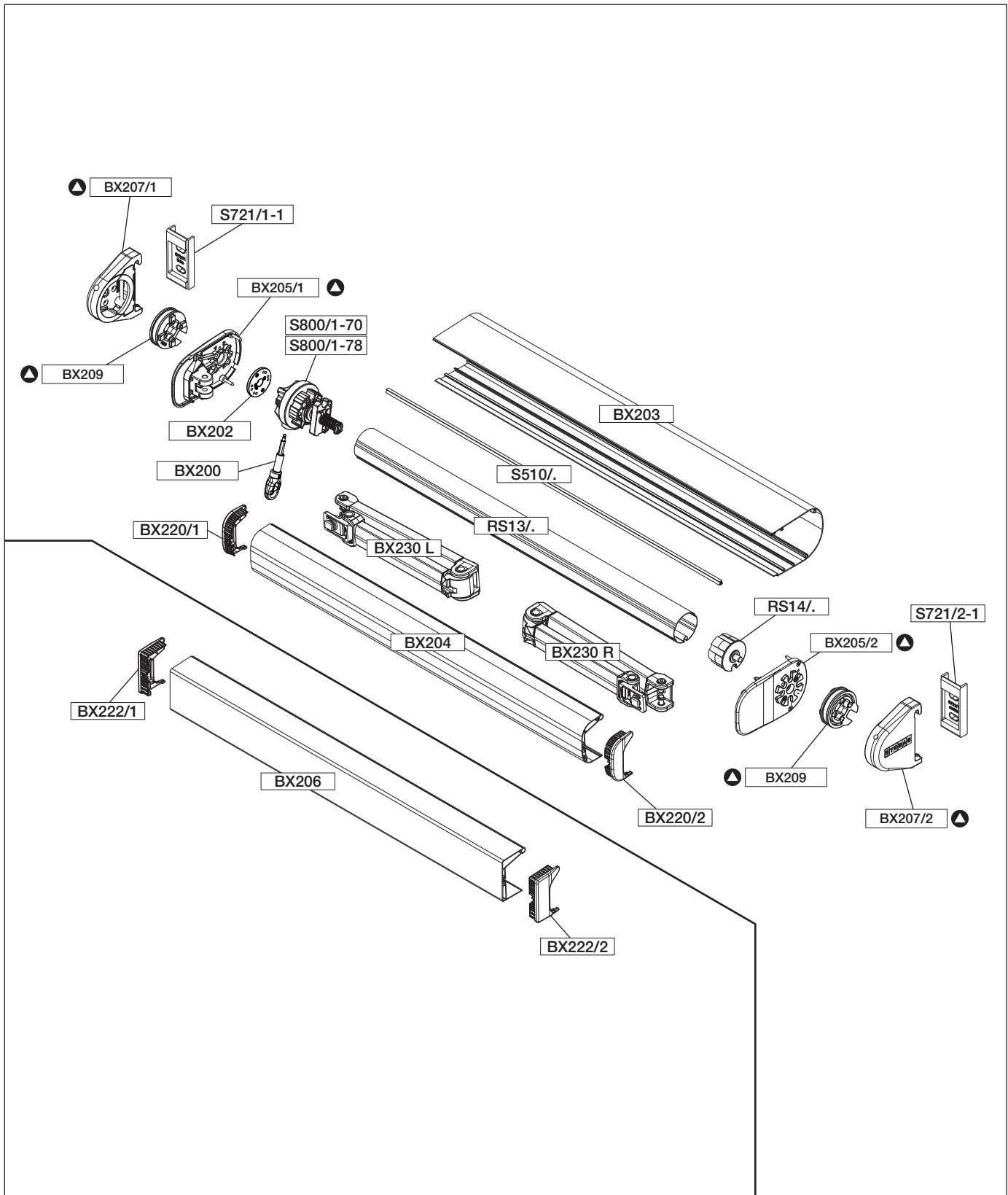


B = total width

CASABOX BX2000

Cassette awning with folding arms

Exploded view



Set: ▲ = BX2010

BX2000

CASABOX BX2000

Cassette awning with folding arms

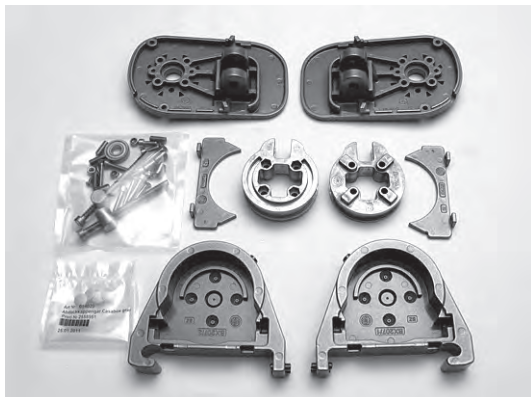
Components list

Folding arms				
BX230	160 cm	pair		
	180 cm	pair		
	200 cm	pair		
	225 cm	pair		
	250 cm	pair		
	300 cm	pair		
Bracket				
S721-1	standard	pair		
S721/2	large 150 mm	pc.		
S721/3	Profile 600 cm	pc.		
S721/4	large 250 mm	pc.		
S725	rafter	pair		
Cover profile mount				
S731/2 to S721/2		pc.		
S731/4 to S721/4		pc.		
Underlay profile				
S842/10	1m	pc.		
S842/1/40	400 cm	pc.		
Cover				
S846	for S842/..	pc.		
Bevel gear (left)				
S800/1-70 with end stop		pc.		
S800/1-78 with end stop		pc.		
Bevel gear (right)				
S800/2-70 with end stop		pc.		
S800/2-78 with end stop		pc.		
Crank set				
BX200 to S800/..		pc.		
Adapter set CASABOX				
BX202 to S800/..		pc.		
Tubular motors				
Motor drive E / E STAS / STAK 3		pc.		
Motor drive E radio / E radio STAS / STAK 4		pc.		
Box profile				
BX203	300 cm	pc.		
	350 cm	pc.		
	400 cm	pc.		
	450 cm	pc.		
	500 cm	pc.		
	550 cm	pc.		
Band brush				
S510/1	grey	1m/Roll		
S510/2	black	1m/Roll		
Rounded front rail				
BX204	300 cm	pc.		
	350 cm	pc.		
	400 cm	pc.		
	450 cm	pc.		
	500 cm	pc.		
	550 cm	pc.		
Rounded end caps				
	BX220 to BX204	pair		
Square front rail				
BX206	350 cm	pc.		
	400 cm	pc.		
	500 cm	pc.		
	550 cm	pc.		
Square end caps				
BX222 to BX206		pair		
Roller tube galvanised				
RS13/3 70 x 1.00 mm	4.00 m	pc.		
	4.50 m	pc.		
	5.00 m	pc.		
	5.50 m	pc.		
	6.00 m	pc.		
	7.00 m	pc.		
RS13/4 78 x 1.00 mm	4.00 m	pc.		
	4.50 m	pc.		
	5.00 m	pc.		
	5.50 m	pc.		
	6.00 m	pc.		
	7.00 m	pc.		
Roller tube gudgeon, round				
RS14/2 70 mm plastic without border		pc.		
RS14/4 78 mm plastic without border		pc.		
Operating handles				
S804	80 cm	pc.		
	100 cm	pc.		
	120 cm	pc.		
	135 cm	pc.		
	150 cm	pc.		
	160 cm	pc.		
	180 cm	pc.		
	200 cm	pc.		
Wall connection profile				
P318/1	5.00 m	pc.		
	6.00 m	pc.		
Side cap set				
P328/1	for P318/1	pc.		
Set				
BX2010	consisting of:	pc.		
▲	1 rotary flange left BX207/1			
	1 rotary flange right BX207/2			
	2 rotary flange caps BX208			
	2 pivoting fork BX209			
	1 side cap left BX205/1			
	1 side cap right BX205/2			
	1 ball bearing			
	1 screw set			

CASABOX BX2000

Cassette awning with folding arms

BX2010



Set for CASABOX BX2000

Serves as a basic set for gear mechanisms and motor drives.

MATERIAL

Aluminium alloy casting

Set of screws: stainless steel

DELIVERY

1 rotary flange left	BX207/1
1 rotary flange right	BX207/2
2 rotary flange caps	BX208
2 pivoting fork	BX209
1 side cap left	BX205/1
1 side cap right	BX205/2
1 ball bearing	
1 screw set	

PACKAGING UNIT

Set

S800/1-70 S800/1-78



Bevel gear (left) with end stop

These bevel gears have a considerably better mechanical efficiency than a worm gearbox. They can therefore be used with smaller reduction. For the retraction of the awning, lesser turns are necessary.

ENGINEERING DATA

S801/1-78: for \varnothing 78 roller tube
S801/1-85: for \varnothing 85 roller tube

S800: with end stop
Reduction: 4.6:1
Use: up to max. 300cm projection with 2 arms,
up to 20m²

MATERIAL

Aluminium alloy casting

Set of screws: stainless steel

PACKAGING UNIT

Piece

CASABOX BX2000

Cassette awning with folding arms

S800/2-70 S800/2-78



Bevel gear (right) with free end stop

These bevel gears have a considerably better mechanical efficiency than a worm gearbox. They can therefore be used with smaller reduction. For the retraction of the awning, lesser turns are necessary.

ENGINEERING DATA

S801/2-78:	for \varnothing 78 roller tube
S801/2-85:	for \varnothing 85 roller tube
S800:	with end stop
Reduction:	4.6:1
Use:	up to max. 300cm projection with 2 arms, up to 20m ²

MATERIAL

Aluminium alloy casting	
Set of screws:	stainless steel

PACKAGING UNIT

Piece

BX200



Crank set

Suitable for bevel gears S800/1-... and S800/2-...

MATERIAL

Operating handle ring:	plastic
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PACKAGING UNIT

Set

BX202



Adapter set CASABOX

Suitable for bevel gears S800/1-... and S800/2-...

MATERIAL

Aluminium alloy casting	
Set of screws:	stainless steel

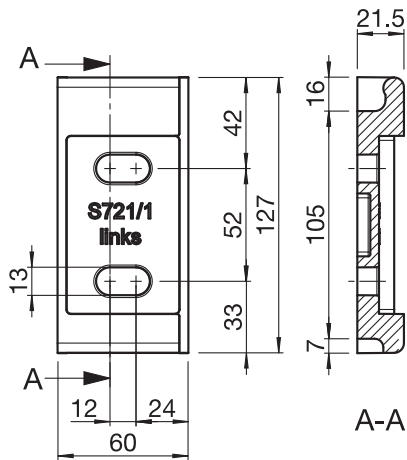
PACKAGING UNIT

Set

CASABOX BX2000

Cassette awning with folding arms

S721-1



Bracket

The Casabox bracket S721-1 can be used for wall or top fixing.

ENGINEERING DATA

Use: for wall or top fixing
Application: left and right bracket necessary

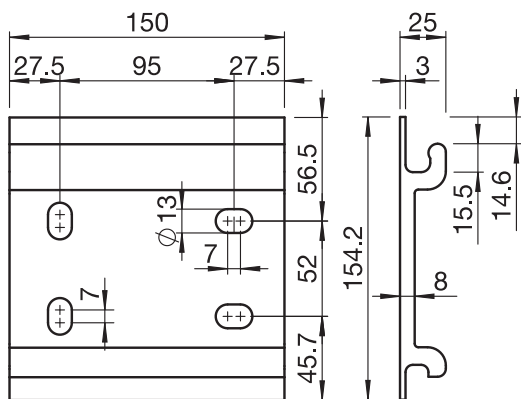
MATERIAL

Bracket: aluminium dropforged

PACKAGING UNIT

Pair

S721/2



Bracket

The bracket S721/1 can be used for wall or top fixing or for side by side installations.

ENGINEERING DATA

Application: for wall or top fixing
Length: 150 mm width 4 slots 13 x 20 mm

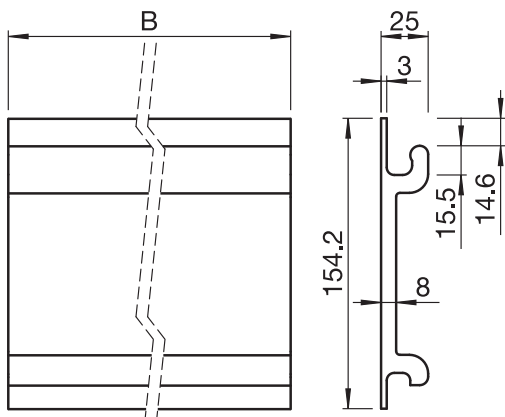
MATERIAL

Brackets: extruded aluminium profiles

PACKAGING UNIT

Piece

S721/3



Bracket profile

The CASABOX bracket profile S721/3 is available in linear meter and can be used for wall or top fixing. Length on demand. The bracket profile has no fixation holes.

ENGINEERING DATA

Size: linear meter or 6 m profile
Application: for wall or top fix
Cut edges: not lacquered (additional charges)

MATERIAL

Extruded aluminium profile

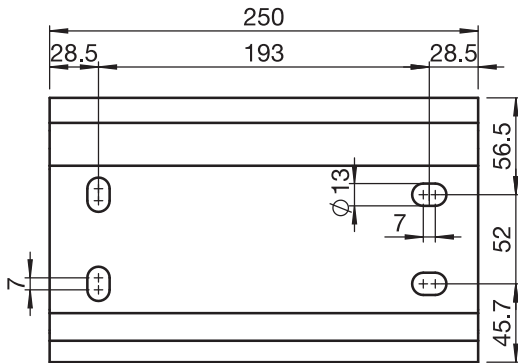
PACKAGING UNIT

Linear meter / Piece

CASABOX BX2000

Cassette awning with folding arms

S721/4



Bracket

The bracket S721/4 can be used for wall or top fixing or for side by side installations.

ENGINEERING DATA

Application: for wall or top fixing
Length: 250 mm with 4 slots 13 x 20 mm

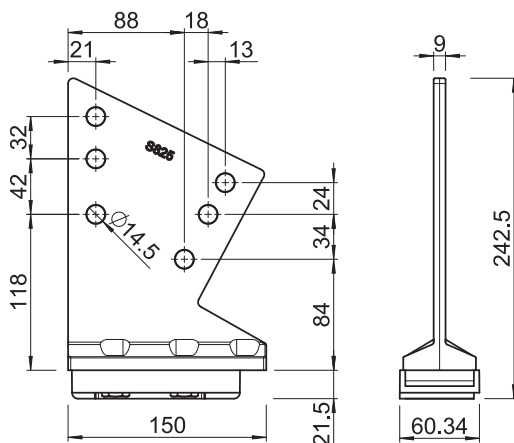
MATERIAL

Brackets: extruded aluminium profiles

PACKAGING UNIT

Piece

S725



Bracket for rafters

The bracket for rafters S725 is specially made for the lateral installation on a rafter.

ENGINEERING DATA

Use: installation on rafters

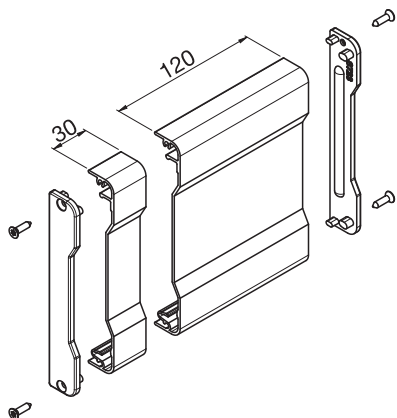
MATERIAL

Bearing: aluminium alloy casting
Bracket: aluminium dropforged

PACKAGING UNIT

Pair

S731/2



Cover profile set

The cover profile set is to be used with bracket S721/2.

ENGINEERING DATA

1 bracket cap 30 mm S722
1 bracket cap 120 mm S722
2 bracket caps – side frame S723
1 screw set

MATERIAL

Bracket cap: Aluminium extruded profile
Bracket cap side frame: Cast aluminium alloy
Screws: Stainless steel

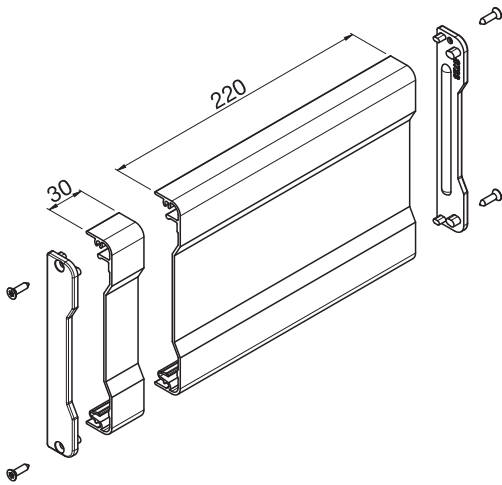
PACKAGING UNIT

Set

CASABOX BX2000

Cassette awning with folding arms

S731/4



Cover profile set

The cover profile set is to be used with bracket S721/4.

ENGINEERING DATA

1 bracket cap 30 mm	S722
1 bracket cap 120 mm	S722
2 bracket caps – side frame	S723
1 screw set	

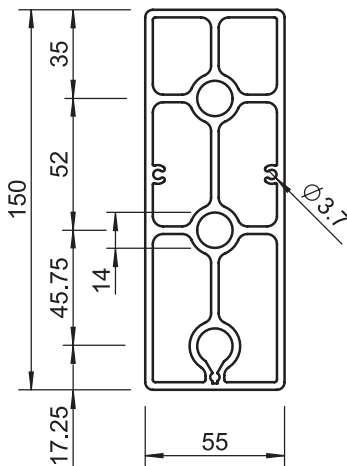
MATERIAL

Bracket cap:	Aluminium extruded profile
Bracket cap side frame:	Cast aluminium alloy
Screws:	Stainless steel

PACKAGING UNIT

Set

S842



Underlay profile

Underlay profile for S721-1 fixing brackets. Suitable for exterior insulation or rafters.

ENGINEERING DATA

Standard lengths:	S842/10 = 1m
	S842/1/40 = 400 cm

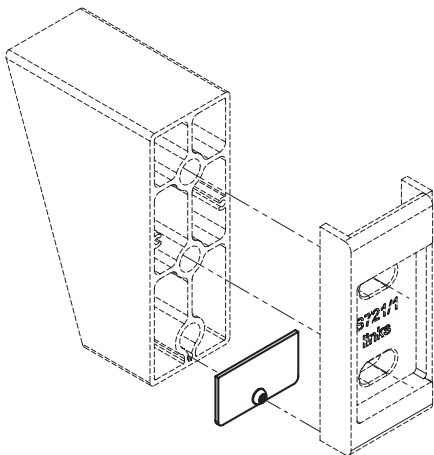
MATERIAL

Extruded aluminium profiles

PACKAGING UNIT

Piece

S846



Cover

This cover is used in combination with the S721-1 fixing bracket and S842 underlay profile. This covers the gap that is created.

MATERIAL

Aluminium sheet	55 x 29.5 x 2 mm
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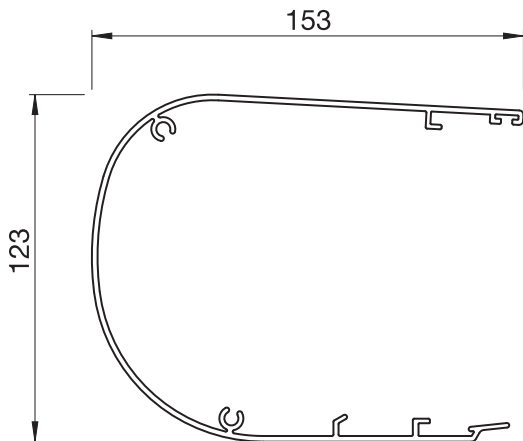
PACKAGING UNIT

Piece

CASABOX BX2000

Cassette awning with folding arms

BX203



Box profile

The box has a slot to take the band brush.
The band brush is not included in the delivery package.

ENGINEERING DATA

Standard lengths: 300, 350, 400, 450, 500, 550 cm

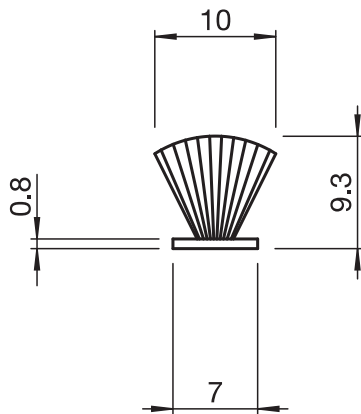
MATERIAL

Extruded aluminium profiles

PACKAGING UNIT

Piece

S510/.



Band brush

Band brush for the box BX203.

ENGINEERING DATA

Size: S510/1 = grey
S510/2 = black

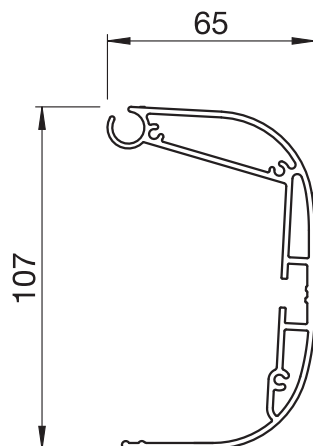
MATERIAL

Brush: plastic

PACKAGING UNIT

Rolls or linear meter

BX204



Rounded front rail

Front rail for BX203 box profile.

ENGINEERING DATA

Standard lengths: 300, 350, 400, 450, 500, 550 cm

MATERIAL

Extruded aluminium profiles

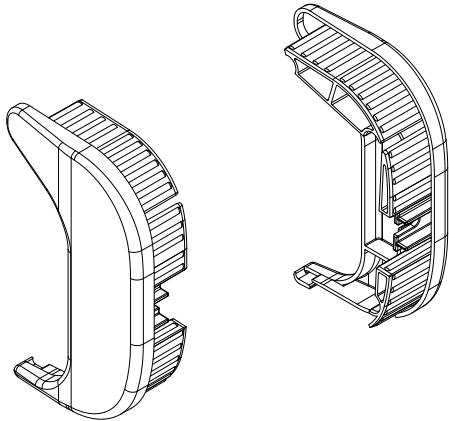
PACKAGING UNIT

Piece

CASABOX BX2000

Cassette awning with folding arms

BX220



End caps

Lateral end caps for front rail BX204.

MATERIAL

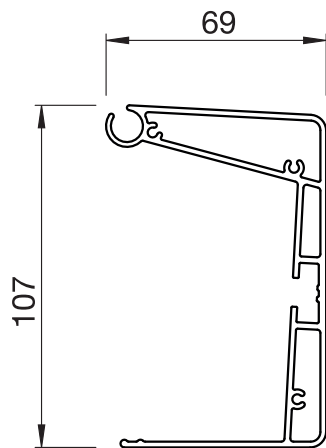
Plastic:

Set of screws: stainless steel

PACKAGING UNIT

Pair

BX206



Square front rail

Front rail for BX203 fixing bracket.

ENGINEERING DATA

Standard lengths: 350, 400, 500, 550 cm

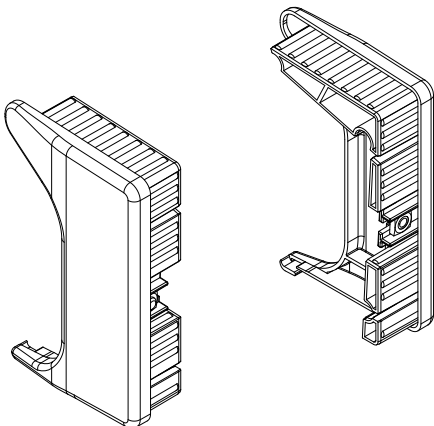
MATERIAL

Extruded aluminium profiles

PACKAGING UNIT

Piece

BX222



End caps

Lateral end caps for front rail BX206.

MATERIAL

Plastic:

Set of screws: stainless steel

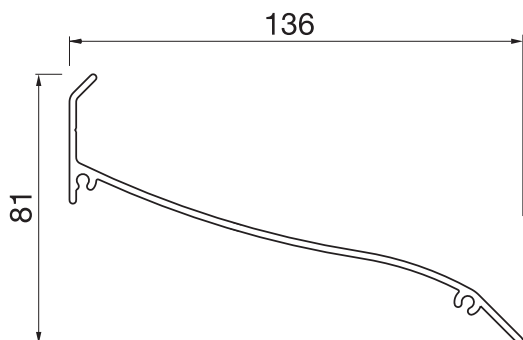
PACKAGING UNIT

Pair

CASABOX BX2000

Cassette awning with folding arms

P318/1



Wall connection profile

The wall connection profile is to be attached to the facade, thus preventing the rain to drop between the facade and the awning. On wall fix installations the profile must be caulked with Silicone.

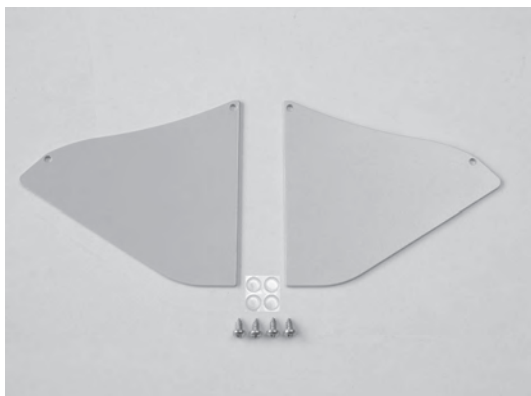
MATERIAL

Extruded aluminium profile

PACKAGING UNIT

Piece

P328/1



Side cap set

Side caps for wall connection profile P318/1.

MATERIAL

Side caps: aluminium sheet
Screws: stainless steel

PACKAGING UNIT

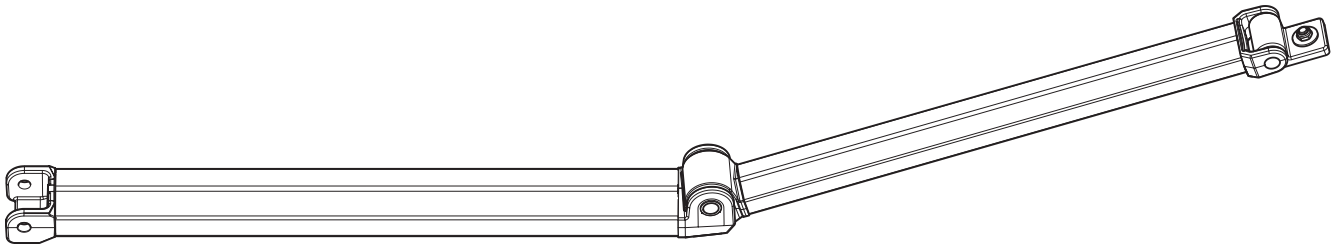
Set

CASABOX BX2000

Cassette awning with folding arms

BX230

Folding arms

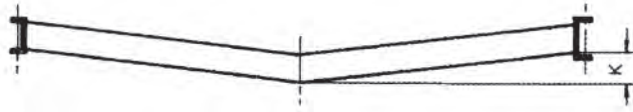


Folding arms for CASABOX box awning BX2000 up to 300 cm projection. The middle joint has a negative break.

ENGINEERING DATA

Arms with integrated springs. Arm projections are generally measured from wall to the leading edge of the front rail.

Profile sizes: 51 x 28 mm 67 x 39 mm
Standard lengths: 100, 160, 180, 200, 225, 250, 300 cm



Length of arms	100 cm	160 cm	180 cm	200 cm	225 cm	250 cm	300 cm
K in cm	3	5	6	7	8	9	11

MATERIAL

Arm profiles: extruded aluminium profiles
Joints: aluminium alloy casting
Double cables: stainless steel cables with sleeves

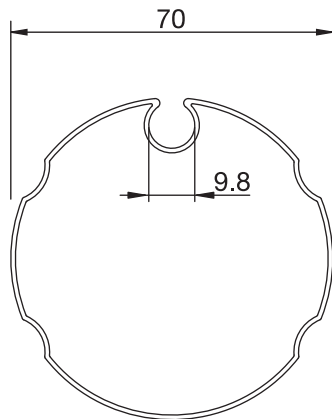
PACKAGING UNIT

Pair or pallet of 25 pairs

CASABOX BX2000

Cassette awning with folding arms

RS13/3



Roller tube 70 mm galvanised

Roller tube 70 mm galvanised, for all STOBAG awnings.

ENGINEERING DATA

RS13/3 $\varnothing 70 \times 1.00$ mm galvanised
Standard lengths: 400, 450, 500, 550, 600, 700 cm

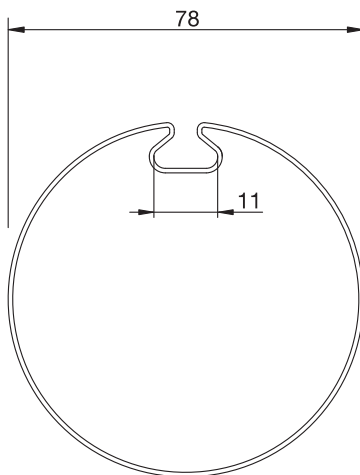
MATERIAL

Steel profile galvanised

PACKAGING UNIT

Piece

RS13/4



Galvanized roller tube 78 mm

Galvanized roller tube 78 mm with flat groove is suitable for all STOBAG awnings.

ENGINEERING DATA

RS13/4 $\varnothing 78 \times 1.00$ mm galvanized
Standard lengths: 400, 450, 500, 550, 600, 700 cm

MATERIAL

Steel sheet galvanized

PACKAGING UNIT

Piece

RS14/.



Roller tube gudgeon round (plastic without border)

Bearing pin standard without edge, suitable for roller shaft RS13/..

ENGINEERING DATA

RS14/3 for 70er Galvanized roller
RS14/4 for 78er Galvanized roller

MATERIAL

Roller tube gudgeon: Plastic

PACKAGING UNIT

Piece