## Free-standing large area awning

### **OS7000**





min.210cm		min.300cm
max.662 cm	ٺ	max.700cm

#### with gearbox:

5°-25°	$\Box$	~300 cm

#### with motor:

5°-35°	ΙΠ	~300cm

### **Description**

The free-standing shading awning is comprised of two TENDABOX BX3000 cassette awnings which hang from the steel supports. The steel supports located on the exterior are held by concrete sockets or floor sleeves so that the awning can be fitted as free-standing. The two cassette awnings can be retracted and extended individually or at the same time.

One-piece U-shaped protective cover (Dimension 179 x 145 mm), as from 500 cm total width protective cover inner reinforcement (Dimension 179 x 145 mm) of extruded aluminium profile as support element of structure with a groove at the upper end of profile for inserting sealing brush. Side cover as cassette end for accepting roller shaft ø 78 or ø 85 of galvanised steel and for securing folding arms. Mount security flange (on side cover) with hooks for hanging the awning. Securing flange, side cover, bracket are all made of aluminium casting alloy. Awning is extended and retracted manually via a bevel gearbox with integrated end stop and freeewheel operating handle ring, speed reduction 4.6:1. The bevel gearbox is operated via a removable crank shaft of powder-coated metal in white, grey or black with hook and plastic handle. Up to 600 cm total width (folding arm S534), as from 600 cm total width motor drive (folding arm BX330). Front rail of extruded aluminium in rounded (98 x 131 mm) or square (98 x131 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 hexagon socket screw in the mounting flange from 5°- 25° with gear and 5°- 35°

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 category1), colour consistent, very high UV protection, good tensile strength, water and dirt resistant is from the STOBAG collection.

#### Optionen:

#### Roller tube screen

Extruded aluminium profile as screen.

#### Volant-Plus

Volant-Plus is a drop profile with integrated roller shaft, fabric and declining profile. The fabric can be lowered with a gear and crank.

#### **Electric drive**

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. 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/manufacture 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 (supports not mounted). Post set with concrete socket or floor sleeve will be delivered unattached.

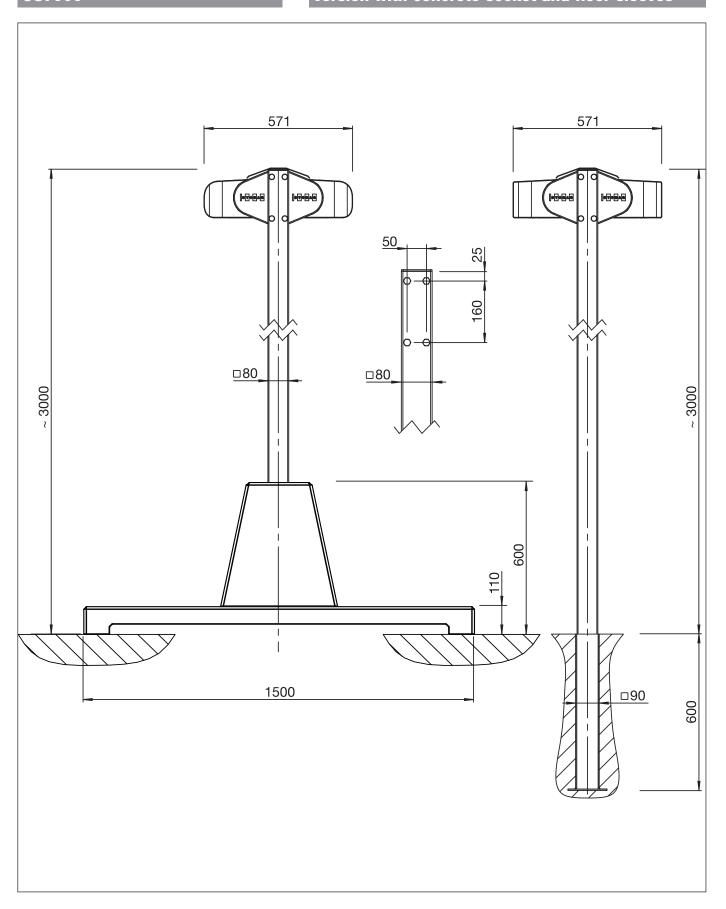




Free-standing large area awning

**OS7000** 

Version with concrete socket and floor sleeves



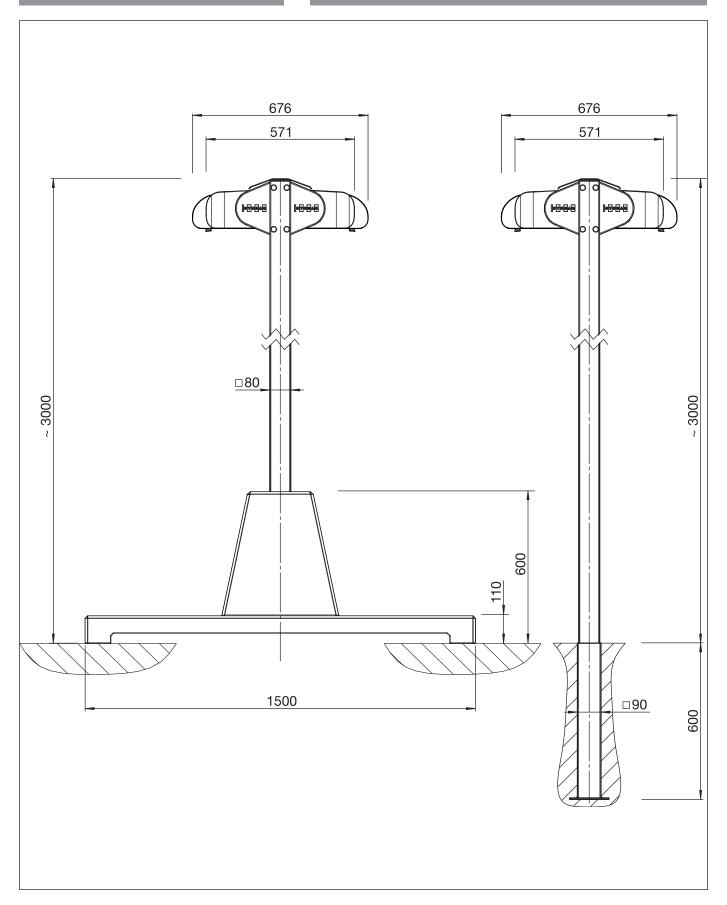




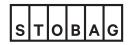
Free-standing large area awning

**OS7000** 

**Version with VOLANT-PLUS** 

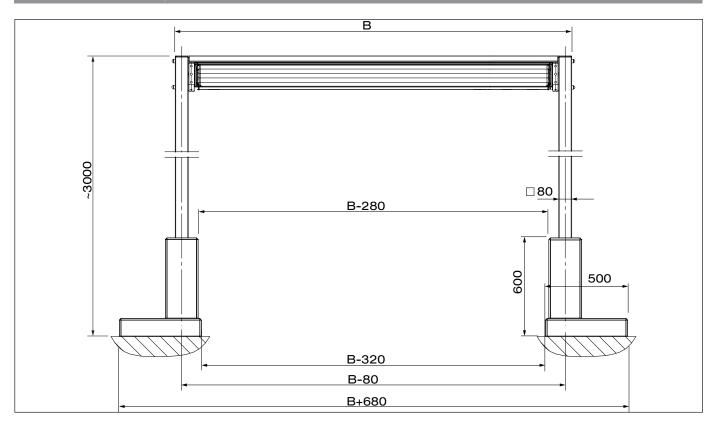




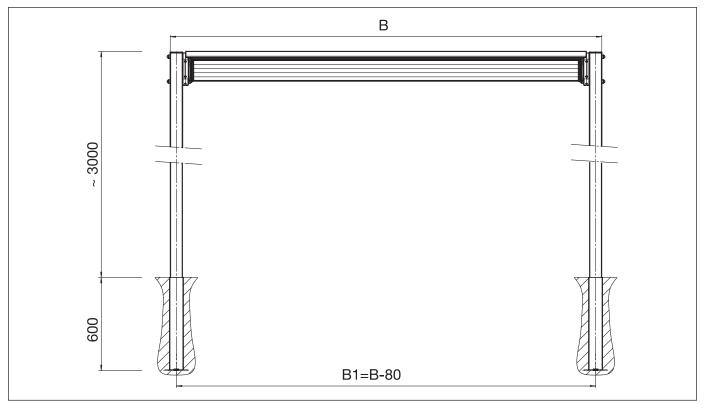


# Free-standing large area awning

# Installation drawing with concrete socket



# Installation plan with floor sleeve



B = Total width

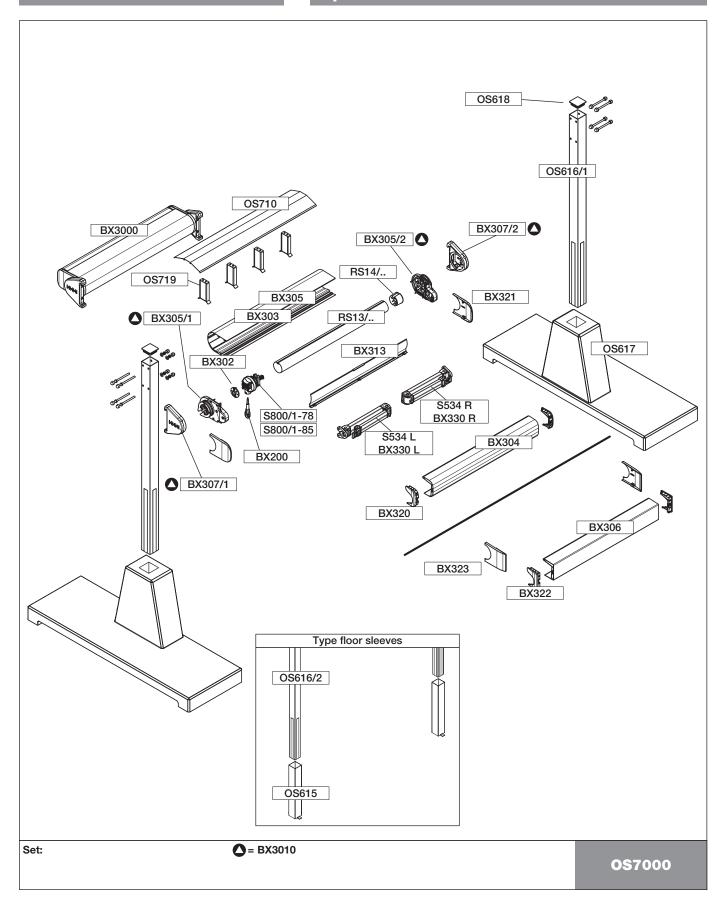




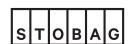
Free-standing large area awning

**OS7000** 

**Exploded view** 







# Free-standing large area awning

# **OS7000**

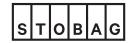
Arms, incl. front rai	il fixation		
S534	ii iixaaloii	150 cm	pc.
0004		200 cm	pc.
		250 cm	pc.
		300 cm	pc.
		350 cm	pc.
BX330		150 cm	pc.
		200 cm	pc.
		250 cm	pc.
		300 cm	pc.
		350 cm	pc.
BX330/1	350 cm	(VOLANT-PLUS)	pc.
Bevel gear (left)	and allow		
S800/1-78 with			pc.
S800/1-85 with	ena stop		pc.
Bevel gear (right)	and stan		no
S800/2-78 with (			pc. pc.
Crank set	end stop		pc.
BX200 to S800	)/		pc.
Adapter set TENDA			po.
BX302 to S800			pc.
Support			·
OS616/1 for cor	ncrete socket	80 x 80 x 2950 mm	pc.
OS616/2 for floo	or sleeve	80 x 80 x 3600 mm	pc.
Concrete socket			
OS617			pc.
Floor sleeve			
OS615			pc.
Screw kit			
SS716/1/OS		exterior supports	pc.
SS716/2/OS		middle supports	pc.
End caps OS618 black			no
Cover sheet			pc.
OS710		650 cm	pc.
Top board fixation		000 0111	po.
OS719			pc.
Box profile			·
BX303		400 cm	pc.
		450 cm	pc.
		500 cm	pc.
BX305		550 cm	pc.
		600 cm	pc.
		650 cm	pc.
Band brush			
S510/1		grey	Im/Roll
S510/2		black	lm/Roll
Side cap cover kit	rouna		
Side cap cover kit	callaro		pc.
BX323	square		pc.
Rounded front rail			pc.
BX304		400 cm	pc.
·		450 cm	pc.
		500 cm	pc.
		550 cm	pc.
		600 cm	pc.
		650 cm	pc.
			•

# **Components list**

Rounded e	end caps set		
BX320	to BX304		pc.
Square fro	nt rail		
BX306		400 cm 450 cm 500 cm 550 cm 600 cm 650 cm	pc. pc. pc. pc. pc. pc.
Square en	d caps set	000 0111	po.
-	to BX306		pc.
Valance pr	ofile		· ·
S551		6.00 m profile	pc. Im
Cover prof	files		
BX313  Cover kit		5.00 m 6.50 m	pc. pc.
	3 for BX313		nc
Tubular m			pc.
	drive E / E STAS / S	TAK 3	pc.
	drive E radio / E rad		ρο.
	galvanised		
	1 78 x 1.00	4.00 m 4.50 m	pc.
		5.00 m	pc. pc.
		5.50 m	pc.
		6.00 m	pc.
		7.00 m	pc.
RS13/7	7 85 x 1.00	6.00 m	pc.
		7.00 m	pc.
Roller tube	e gudgeon, round		
RS14/4		78 mm	pc.
RS14/7		85 mm	pc.
Operating	handles		
S804		80 cm	pc.
		100 cm	pc.
		120 cm	pc.
		135 cm	pc.
		150 cm	pc.
		160 cm	pc.
		180 cm 200 cm	pc.
Set		ZUU CIII	pc.
BX3010	consisting of:		pc.
DV2010	1 rotary flance left	BX307/1	ρc.



- 1 rotary flange left BX307/1
- 1 rotary flange right BX307/2
- 2 rotary flange caps BX308
- 2 pivoting fork BX309
- 1 side cap left BX305/1
- 1 side cap right BX305/2
- 1 ball bearing
- 1 screw set





# Free-standing large area awning

## **BX3010**



# **Set for TENDABOX**

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 BX307/1
1 rotary flange right BX307/2
2 rotary flange caps BX308
2 pivoting fork BX309
1 side cap left BX305/1
1 side cap right BX305/2

1 ball bearing

1 screw set

### PACKAGING UNIT

Set

## \$800/1-78 \$800/1-85



## 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**

\$801/1-78: for Ø 78 roller tube \$801/1-85: for Ø 85 roller tube

S800: with end stop

Reduction: 4.6:1

Use: up to max. 350cm projection with 2 arms,

up to 20m²

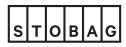
#### MATERIAL

Aluminium alloy casting

Set of screws: stainless steel

### PACKAGING UNIT





# Free-standing large area awning

## \$800/2-78 \$800/2-85



## 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**

\$801/2-78: for ø 78 roller tube \$801/2-85: for ø 85 roller tube

S800: with end stop

Reduction: 4.6:1

Use: up to max. 350cm projection with 2 arms,

up to 20m<sup>2</sup>

#### **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

#### **PACKAGING UNIT**

Set

## **BX302**



# **Adapter set TENDABOX**

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

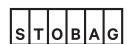
#### MATERIAL

Aluminium alloy casting

Set of screws: stainless steel

#### **PACKAGING UNIT**

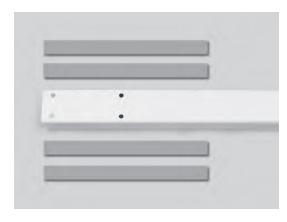
Set

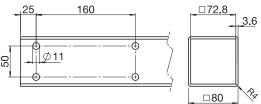




# Free-standing large area awning

# **OS616/1**





# **Support**

Support for floor sleeve OS617.

The four PVC strips give the post the necessary grip in the floor sleeve.

#### **MATERIAL**

Support: steel, galvanised RHS square hollow profile

#### **DELIVERY**

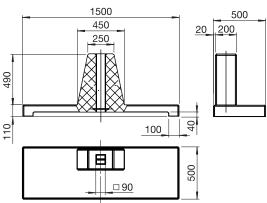
- 1 steel support (80 x 80 x 2950 mm)
- 4 PVC strips (500 x 30 x 1)

### PACKAGING UNIT

Piece

## **OS617**





## **Concrete socket**

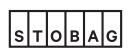
Concrete socket with cast in square steel bush for the steel support OS616/1

## MATERIAL

Concrete socket (ca. 186 kg) Steel bush, square fairfaced concrete galvanised

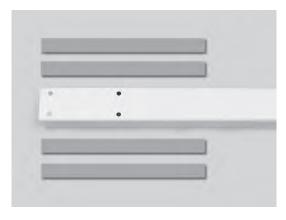
### **PACKAGING UNIT**

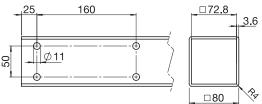




# Free-standing large area awning

# **OS616/2**





# **Support**

Support for floor sleeve OS615.

The four PVC strips give the post the necessary grip in the floor sleeve.

### MATERIAL

Support:

steel, galvanised RHS square hollow profile

## **DELIVERY**

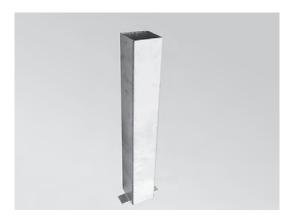
1 steel support (80 x 80 x 3600 mm)

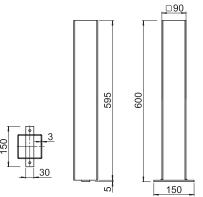
4 PVC strips (500 x 30 x 1)

# PACKAGING UNIT

Piece

# **OS615**





# Floor sleeve

Floor sleeve to be set in concrete, for steel support OS616/2

### MATERIAL

Floor sleeve

steel, hot dipped

### PACKAGING UNIT





## Free-standing large area awning

## SS716/1/OS



## **Screw set**

This standard screw set is used for the construction of a BOXMOBIL OS7000 and for the supports OS616/1 and OS616/2.

### MATERIAL

Screws, nuts, washers: stainless steel End caps: Plastic

#### **DELIVERY**

8 screws M10 x 130 mm incl. nuts and washers

8 cover caps, white 4 screws M8 x 25 mm

2 end caps (in black only) OS618

#### **PACKAGING UNIT**

Set

## SS716/2/OS



# **Screw set**

This additional screw set is used for the construction of two consecutive BOXMOBILs OS7000 and connects the middle support with the right and left BOXMOBIL OS7000.

Screw set fits the supports OS 616/1 and OS616/2

#### MATERIAL

Screws, nuts, washers: stainless steel End caps: stainless steel plastic

#### **DELIVERY**

4 screws M10 x 180 mm incl. nuts and washers

2 screws M8 x 25 mm

1 end cap (in black only) OS618

#### **PACKAGING UNIT**

Set

## **OS618**



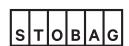
## **End cap**

End cap for supports OS616/1 and OS616/2

#### MATERIAL

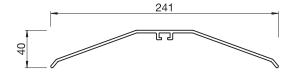
Plastic (80 x 80 x 5 mm)





# Free-standing large area awning

# **OS710**



# Cover sheet

Cover sheet to protect against the rain. To be screwed in between the two  $\ensuremath{\mathsf{BOXMOBIL}}$  awnings.

### **ENGINEERING DATA**

Standard lengths:

650 cm

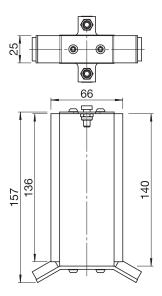
#### **MATERIAL**

Aluminium

### **PACKAGING UNIT**

Piece

# **OS719**



# Top board fixation

Top board fixation for cover sheet OS710.

#### MATERIAL

Extruded aluminium profiles

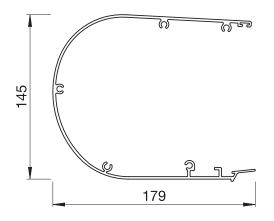
### **PACKAGING UNIT**





# Free-standing large area awning

## BX303



# **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: 400, 450, 500 cm

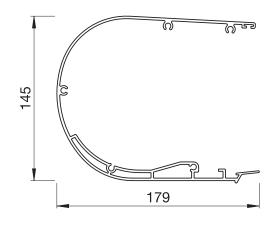
#### MATERIAL

Extruded aluminium profiles

### PACKAGING UNIT

Piece

# **BX305**



# **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: 550, 600, 650 cm

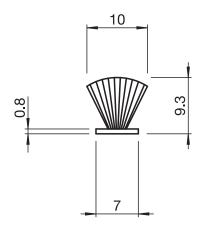
#### MATERIAL

Extruded aluminium profiles

### PACKAGING UNIT

Piece

## **S510/.**



## **Band brush**

Band brush for the box BX303, BX305.

## **ENGINEERING DATA**

Size: S510/1 = grey

S510/2 = black

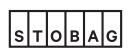
## MATERIAL

Brush: plastic

## PACKAGING UNIT

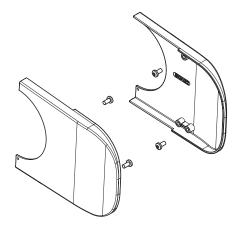
Rolls or linear meter





# Free-standing large area awning

## **BX321**



# Side cap cover kit (round)

Lateral rounded cover suitable for the side cap.

## MATERIAL

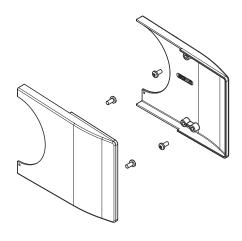
Alu compression cast alloy:

Set of screws: stainless steel

#### **PACKAGING UNIT**

Set

## **BX323**



# Side cap cover kit (square)

Lateral squared cover suitable for the side cap.

#### **MATERIAL**

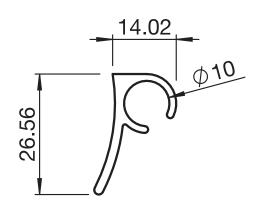
Alu compression cast alloy:

Set of screws: stainless steel

#### **PACKAGING UNIT**

Set

## **S551**



# Valance profile

The valance profile is riveted to the front rail. The installation position must be observed according to the incline.

### MATERIAL

Extruded aluminium profiles

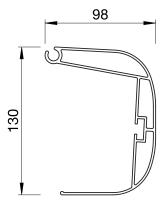
### **PACKAGING UNIT**





# Free-standing large area awning

## **BX304**



# Rounded front rail

Front rail for BX303 / BX305 box profile.

#### **ENGINEERING DATA**

Standard lengths: 400, 450, 500, 550, 600, 650 cm

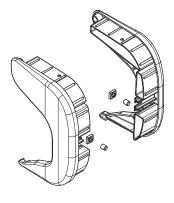
#### MATERIAL

Extruded aluminium profiles

#### **PACKAGING UNIT**

Piece

# **BX320**



# **End caps**

Lateral end caps for front rail BX304.

#### MATERIAL

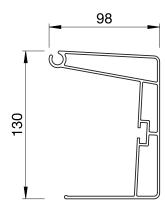
Plastic:

Set of screws: stainless steel

## PACKAGING UNIT

Set

# **BX306**



# Square front rail

Front rail for BX303 / BX305 box profile.

### **ENGINEERING DATA**

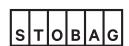
Standard lengths: 500, 650 cm

## MATERIAL

Extruded aluminium profiles

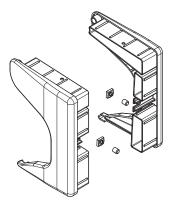
#### **PACKAGING UNIT**





# Free-standing large area awning

## **BX322**



# **End caps**

Lateral end caps for front rail BX306.

#### MATERIAL

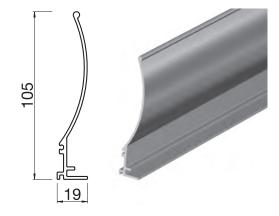
Plastic:

Set of screws: stainless steel

#### **PACKAGING UNIT**

Set

# **BX313**



# **Cover profiles**

The cover profile is used as visual protection for the roller shaft and it is fastened to the box profile.

500, 650 cm

#### **ENGINEERING DATA**

Standard lengths:

#### **MATERIAL**

Extruded aluminium profiles

#### **PACKAGING UNIT**

Piece

# BX3013



# **Cover kit**

The cover kit is necessary in connection with the cover profile BX313.

## DELIVERY

3 slip protection

3 romben nut

3 ISK screws

### **MATERIAL**

Plastic:

Set of screws: stainless steel

### PACKAGING UNIT

Set





# Free-standing large area awning

**S534** 

# Folding arms

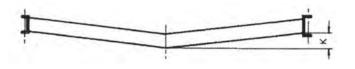


Folding arms for 350 cm projection and until 612 total width. The middle joint has a negative break.

### **ENGINEERING DATA**

Folding arm with integrated tension spring and stainless steel cable arm projection measured from the wall to the leading edge drop profile.

Profile sizes: 50 x 30 mm, 65 x 40 mm Standard lengths: 150, 200, 250, 300, 350 cm



Length of arms in cm	150	200	250	300	350
K in cm	3	6	9	11	14

# MATERIAL

Arm profiles: extruded aluminium profiles

Joints: aluminium alloy casting

Double cables: stainless steel cables with sleeves

## PACKAGING UNIT

Pair or palett of 25 pairs





# Free-standing large area awning

BX330 ..

# Folding arms

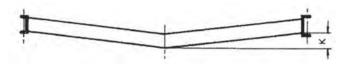


Folding arms until 350 cm projection and from 612 cm total width. The folding parts are dropforged for higher stability.

### **ENGINEERING DATA**

Folding arm with integrated tension spring and stainless steel cable arm projection measured from the wall to the leading edge drop profile.

Profile sizes: 62 x 34 mm, 80 x 48 mm Standard lengths: 150, 200, 250, 300, 350 cm



Length of arms in cm	150	200	250	300	350	
K in cm	3	6	9	11	14	

## MATERIAL

Arm profiles: Extruded aluminium profiles

Joints: Aluminium dropforged

Cables: Stainless steel cable with protection sleeves

## PACKAGING UNIT

Pair





# Free-standing large area awning

## BX330/1

# Folding arms (VOLANT-PLUS)



Folding arms until 350 cm projection and from 512 cm total width. The folding parts are dropforged for higher stability.

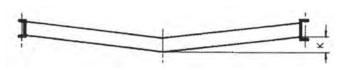
Use only in combination with VOLANT PLUS.

### **ENGINEERING DATA**

Folding arm with integrated tension spring and stainless steel cable arm projection measured from the wall to the leading edge drop profile.

Profile sizes: 62 x 34 mm, 80 x 48 mm

Standard lengths: 350 cm



Length of arms in cm	350
K in cm	15

# MATERIAL

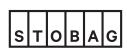
Arm profiles: Extruded aluminium profiles
Joints: Aluminium dropforged

Cables: Stainless steel cable with protection sleeves

## PACKAGING UNIT

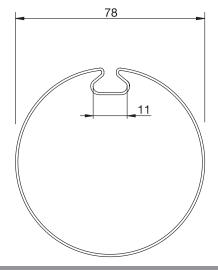
Pair





# Free-standing large area awning

## 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 Ø 78 x 1.00 mm galvanized Standard lengths: Ø 78 x 1.00 mm galvanized 400, 450, 500, 550, 600, 700 cm

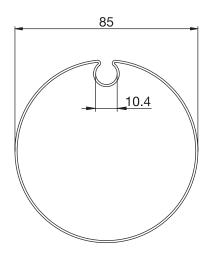
#### MATERIAL

Steel sheet galvanized

### PACKAGING UNIT

Piece

# RS13/7



# Galvanized roller tube 85 mm

Galvanized roller tube 85 mm. Used for total width of 551 cm to 650 cm.

#### **ENGINEERING DATA**

RS13/7 Ø 85 x 1.00 mm galvanised Standard lengths: 600, 700 cm

### **MATERIAL**

Steel profile galvanised

#### **PACKAGING UNIT**

Piece

# RS14/..



## Roller tube gudgeon (plastic without board)

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

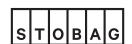
## **ENGINEERING DATA**

RS14/4 for 78er Galvanized roller RS14/7 for 85er Galvanized roller

#### MATERIAL

Roller tube gudgeon: Plastic

#### **PACKAGING UNIT**





# Free-standing large area awning

# **VOLANT-PLUS**



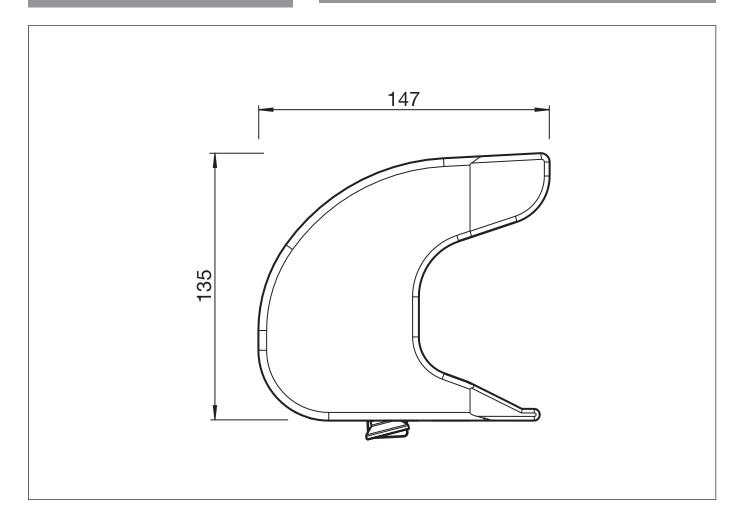
\* 120 cm Acryl \* 170 cm Soltis

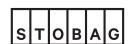
# **Description**

VOLANT PLUS is a drop profile with integrated roller shaft, fabric and declining profile. The cover can be lowered with a gear and crank.

# **VOLANT-PLUS**

## **Dimensioning**

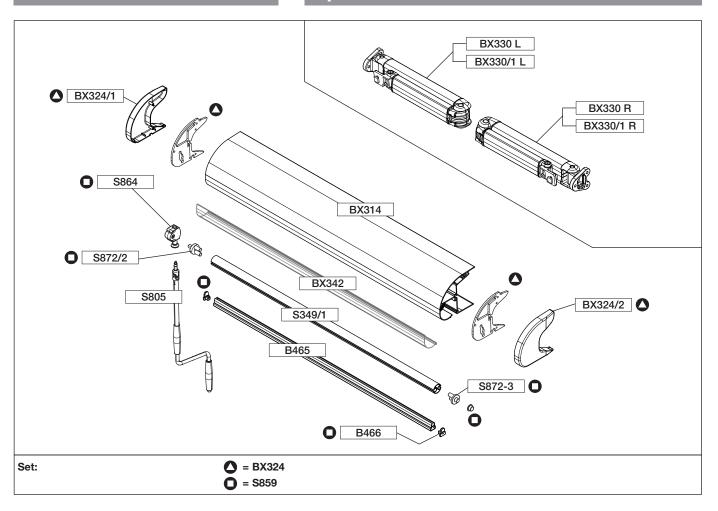




# Free-standing large area awning

# **VOLANT-PLUS**

# **Exploded view**

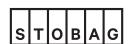


VOLANT	

Arme für VOLANT-PLUS		
BX330	150 cm	pair
	200 cm	pair
	250 cm	pair
	300 cm	pair
BX330/1	350 cm	pair
AV-Front rail		
BX314	500 cm	pc.
	650 cm	pc.
Sliding bowl		
BX342 to BX314	350 cm	pc.
Front rail		
B465	600 cm	pc.
	700 cm	pc.
AV-Roller tube		
S349/1	400 cm	pc.
	500 cm	pc.
	600 cm	pc.
	700 cm	pc.

# **Components list**

AV-End cap	o fitting		
BX324	consisting of:		pc.
0	1 End cap left BX324/1		
	1 End cap right BX324/	2	
	2 Drop profile plates		
	1 Set of screws		
AV-Set			
S859	consisting of:		pc.
0	1 AV-gearbox S864		
	1 Journal pin short S87	2-3	
	1 Roller tube gudgeon s	square S872/2	
	2 Front rail covers B466	3	
	1 Set of screws		
Connecting	rod pluggable		
S805		88 cm	рс.





# Free-standing large area awning

## **BX324**



# **AV-End cap fitting**

AV-End cap fitting for VOLANT-PLUS.

### **DELIVERY**

- 1 End cap left1 End cap rightBX324/1BX324/2
- 2 Drop profile plates1 Set of screws

#### **MATERIAL**

End cap: Plastic
Drop profile plate: Aluminium sheet
Screws: Stainless steel

### PACKAGING UNIT

Set

## **S859**



# **AV-Set**

AV-Set for VOLANT-PLUS.

#### **DELIVERY**

1 AV-gearbox S864
1 Journal pin short kurz S872-3
1 Roller tube gudgeon square S872/2
2 Front rail covers B466
1 Set of screws

#### MATERIAL

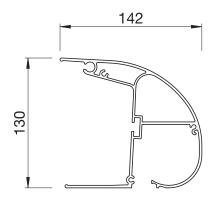
Gearbox, Journal pin,

Front rail cover: Aluminium alloy casting Screws: Stainless steel

#### **PACKAGING UNIT**

Set

## **BX314**



# **AV-Front rail**

Drop profile to TENDABOX awning with chamber for holding drop valances. **Only available in combination with the drop valance.** 

### **ENGINEERING DATA**

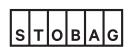
Standard lengths: 500, 650 cm

#### MATERIAL

Extruded aluminium profiles

#### **PACKAGING UNIT**





# Free-standing large area awning

## **BX342**



## Sliding bowl

The sliding bowl is necessary for use with front rail BX314.

## **ENGINEERING DATA**

Standard lengths:

### MATERIAL

Plastic

#### **PACKAGING UNIT**

Set

## **B465**



# Front rail

Valance declining profile suitable for drop valance, with rivets for awning fabric support.

350 cm

### **ENGINEERING DATA**

Standard lengths: 600, 700 cm

#### MATERIAL

Front rail: Extruded aluminium profiles

## PACKAGING UNIT

Piece

# S349/1



## **Galvanized roller**

Roller shaft suitable for drop valance, with rivets for fabric support.

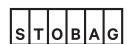
#### **ENGINEERING DATA**

Standard lengths: 400, 500, 600, 700 cm

#### MATERIAL

AV-Galvanized roller Extruded aluminium profiles

### PACKAGING UNIT





# Free-standing large area awning

**BX330** 

# **Folding arms**

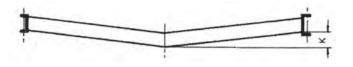


Folding arms until 350 cm projection and from 612 cm total width. The folding parts are dropforged for higher stability.

### **ENGINEERING DATA**

Folding arm with integrated tension spring and stainless steel cable arm projection measured from the wall to the leading edge drop profile.

Profile sizes: 62 x 34 mm, 80 x 48 mm Standard lengths: 150, 200, 250, 300, 350 cm



Length of arms in cm	150	200	250	300	350	
K in cm	3	6	9	11	14	

### MATERIAL

Arm profiles: Extruded aluminium profiles

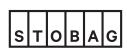
Joints: Aluminium dropforged

Cables: Stainless steel cable with protection sleeves

## PACKAGING UNIT

Pair





# Free-standing large area awning

## BX330/1

# Folding arms (VOLANT-PLUS)



Folding arms until 350 cm projection and from 512 cm total width. The folding parts are dropforged for higher stability.

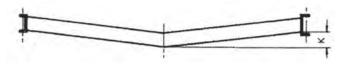
Use only in combination with VOLANT PLUS.

### **ENGINEERING DATA**

Folding arm with integrated tension spring and stainless steel cable arm projection measured from the wall to the leading edge drop profile.

Profile sizes: 62 x 34 mm, 80 x 48 mm

Standard lengths: 350 cm



Length of arms in cm	350
K in cm	15

## MATERIAL

Arm profiles: Extruded aluminium profiles

Joints: Aluminium dropforged

Cables: Stainless steel cable with protection sleeves

## PACKAGING UNIT

Pair



