

FOLDING ARM AWNINGS

BX260 / BX270

Art. no. 34850

SHUTTERS

SUN PROTECTION

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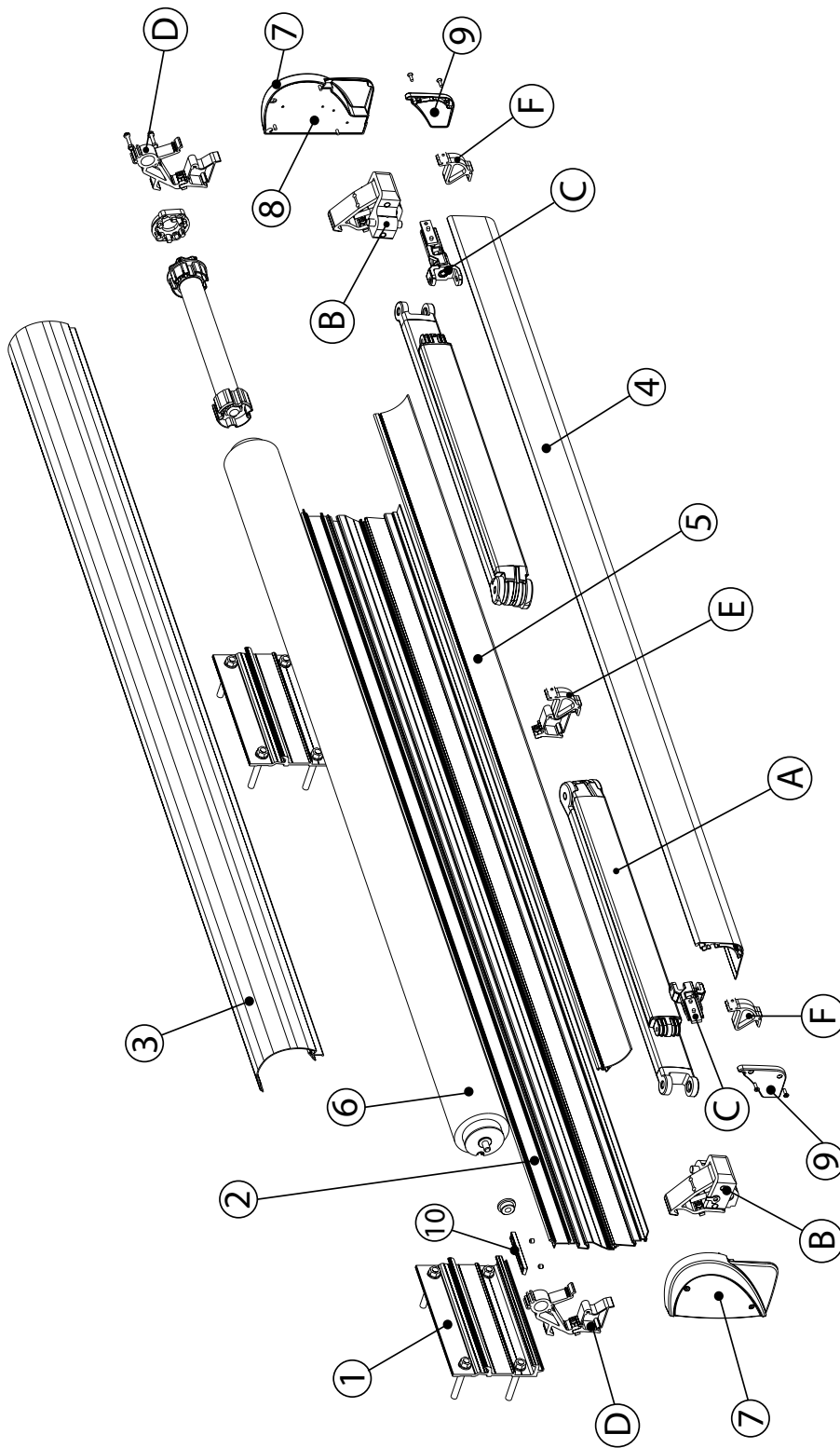
WHEN MOUNTING, ALSO CONSULT THE MOUNTING GUIDE!!!

TECHNICAL DATA FOLDING ARM AWNINGS BX270

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Harol reserves the right to make product changes without any notification.



1. Wall bracket

2. Torque bar

3. Cover profile *

4. Extension pole *

5. Fabric roll support

6. Fabric roll

7. Side guards of the box *

8. Pulley plate of the box *

9. Extension pole covers *

A. Folding arm

B. Angular displacement

C. Extension pole regulation

D. Bearing support + touch of the box

E. Touch of the box + entry of the extension pole

F. Entry of the extension pole

G. Locking bolt

* Parts with differences between BX260 and BX270

Fig. 1: Exploded view BX260

TECHNICAL DATA FOLDING ARM AWNINGS BX270

1. GENERAL

- The BX260 and the BX270 are both closed folding arm cassette awnings of the compact-high type.
- The difference between the BX260 and the BX270 is in the extension pole and cover profile, each with their respective extension pole cover and side guard box with pulley plate.
- The construction is characterised by a torque bar to which the arms, the supports and the roller tube are hooked in or pushed in.
- Colour of the aluminium parts and profiles: as a standard in the chosen colour of the awning (see colour card).

2. DIMENSIONS

- The dimensions to be specified are the width B and the drop U.
- The total width B is equal to the finished width including the side guards. The minimum and maximum width size depend on the number of folding arms, the operation as well as the chosen drop (see table 1).
- The drop U varies from 1.5 metres to 3.5 metres, each with steps of half a metre.
- There are different minimum dimensions for the BX270.

		MINIMUM		MAXIMUM
WIDTH (B)	1-piece	<u>Controls</u>		
		BX260	BX270	
	electr.	B _{min} = drop + 500 mm	B _{min} = drop + 550mm	- 6m (1 part with 2 arms)
	crank	B _{min} = drop + 520 mm	B _{min} = drop + 570mm	- 7m (1 part with 3 arms)
	2-piece	<u>Coupled awnings</u>		
		with cardan B _{min} = drop + 500mm fabric sp. cov. B _{min} = drop + 750mm	B _{min} = drop + 525mm B _{min} = drop + 775mm	- 12m (2 parts with 4 arms)
Drop (U)		1,5m (2,0m - 2,5m - 3,0m)		3,5m *

* Maximum drop 3,0m: Dickson Orchestra MAX / Dickson Opera - Symphony - Sunbrella Jacquards - Replay (Air & Earth)

Table 1: Minimum and maximum sizes

3. PROFILES

3.1. The torque bar ²

- Material: extruded aluminium, powder coated.
- Function: the other components are attached to this supporting profile.

3.2. The fabric roll ⁶

- Material: a round welded zendzimir tube manufactured from a zinc-plated zendzimir strip.
- Function: the rolling up and down of the fabric.
- Provided with a slot for the attachment of the fabric.
- Diameter: Ø78 x 1 mm thick.

3.3. The Clip On-Clip Off profile (see fig. 2)

- Material: extruded PVC clips.
- Function: the fastening of the fabric to the fabric roll without the use of screws.
- Because of this system it is easy to subsequently replace the fabric (No need to slide away to the side when disassembling).

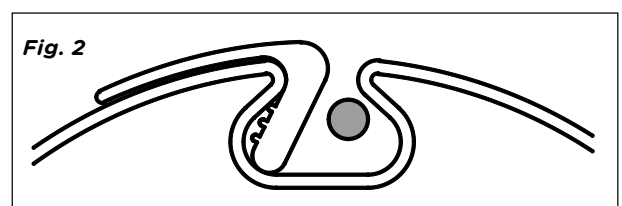


Fig. 2:
Clip On-Clip Off profile

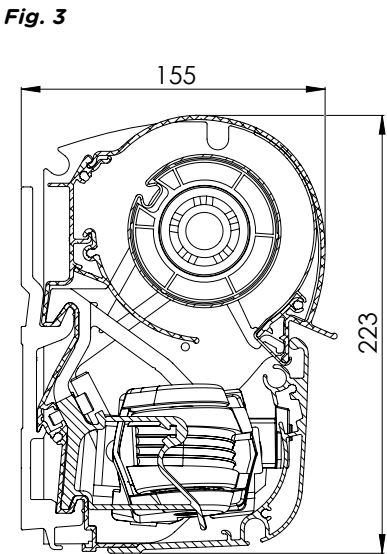


Fig. 3: Cross-section of BX260

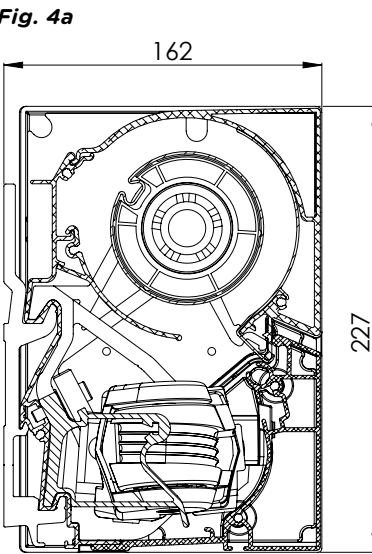


Fig. 4: *Cross-section of BX270*

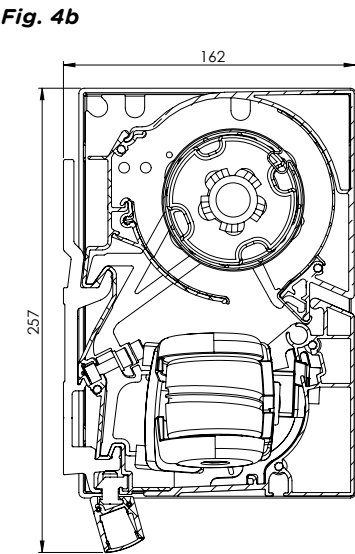


Fig. 4b: Cross-section of BX270 + LED

3.4. The top board ³

- Material: extruded aluminium, powder coated.
- Function: covers the fabric over the whole width.
- At the front provided with a toucher profile to which the extension pole closes.

3.5. The extension pole 4

- Material: extruded aluminium, powder coated.
- Function: closing **off the awning at the front**.
- Equipped with two slots: one internal at the top to attach the fabric, and one externally at the bottom to attach an optional valance.
- At the ends finished with aluminium covers, coated in the same colour as the extension pole.

3.6. Fabric roll support profile ⁵

- Material: extruded aluminium, powder coated.
- Function: to support the fabric over the full width and to protect the fabric at the bottom.
- On the fabric side equipped with a hard PVC profile for better guidance of the fabric, which also extends the service life of the fabric.
- Is attached, screwless, to the torque bar.

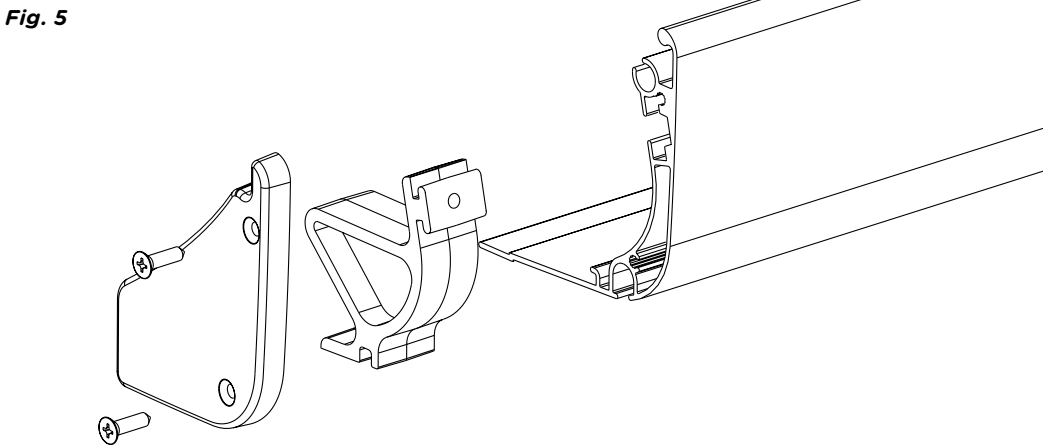


Fig. 5:
Extension pole built-on
(BX260)

4. MISCELLANEOUS PARTS

4.1. Folding arms ^A

The folding arms form the connection between the box and the extension pole and are available in 5 drop sizes: 1500, 2000, 2500, 3000 and 3500 mm. For single awnings up to a width of 6000 mm, 2 arms are mounted, from 6001 mm up to 7000 mm, 3 arms are mounted. For coupled awnings 4 arms are always required. The folding arms consist of arm profiles, hinges, springs and steel cables.

The arm profiles

- Material: extruded aluminium, powder coated.

The hinges

- Material: coquille die-cast aluminium alloy.
- Hinge on durable slide bearings of sintered bronze, provided with a PTFE sliding layer.
- The most heavily loaded parts are also thermally treated.

The springs and steel cables

- Material: of high quality spring steel which has been zinc-plated beforehand.
- The diameter is always in relation to the force applied.
- The force of both springs is divided over 2 steel cables for the deduplication of the forces, which results in a notable increase in service life.

4.2. Angular displacement B

- Material: extruded aluminium, powder coated.
- Function:
 - connecting the folding arms and the torque bar.
 - enables the slant of the awning to be set between 10° and 30°.
 - adjustment of the desired run-out height.
- The system also ensures complete protection against the flapping and dropping of the arms.

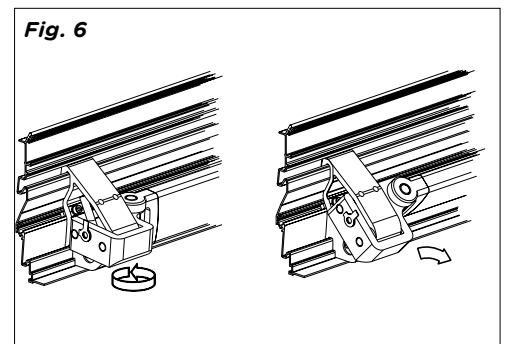


Fig. 6:
Angular displacement
BX270

4.3. Extension pole regulation ^c

- Material: cast aluminium with powder coating.
- Function: After the setting of the angle of drop, the extension pole is positioned by the extension pole regulation.

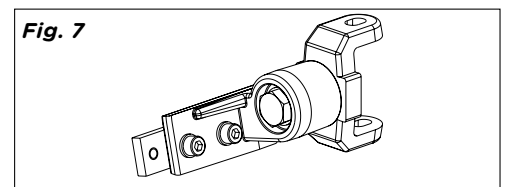


Fig. 7:
Extension pole regulation

4.4. Wall brackets ¹

- Material: extruded aluminium with powder coating.
- Function: support, with slotted holes to mount the awning against a wall, equipped with hooks at the front to make it easy to hook up the awning.
- The quantity and width of the wall brackets (300 mm or 500 mm) depend on the width of the awning. For coupled awnings, the middle wall bracket is 1000 mm (see table 2).
- Must always be positioned 50 mm inwards from the sides of the awning, behind the angular displacement of the arm and behind the bearing support. For the exact positions of the wall brackets: see table 2 and fig. 9.
- Additional brackets are available as an option, but desirable for unstable surfaces in order to distribute the weight of the awning over a larger surface area.
- No ceiling or roof truss brackets available!

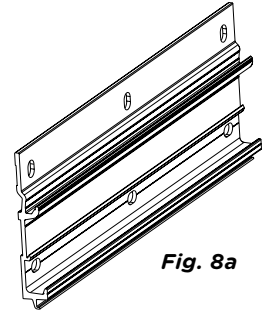


Fig. 8a

Fig. 8a:

Wall bracket
BX260/BX270

The following option is also available: 'Wall bracket across entire width of the screen'. In this configuration, all standard wall brackets supplied as mentioned above do not apply.

Where required, the holes for the fixings must be made in the wall brackets by the technician: at the level of the bearing supports and at the level of the angle adjustment of the folding arms.

The width of the wall bracket is then B - 96mm for the BX260 and B - 126mm for the BX270.

4.5. Ceiling brackets

- Material: extruded aluminium with powder coating.
- The quantity and width of the wall brackets (300 mm or 500 mm) depend on the width of the awning. For coupled awnings, the centre ceiling brackets are divided into 3x 80mm long (see table 2).
- Function: support, with slotted holes to mount the awning against the ceiling, fitted with holes at the front for attaching wall brackets.

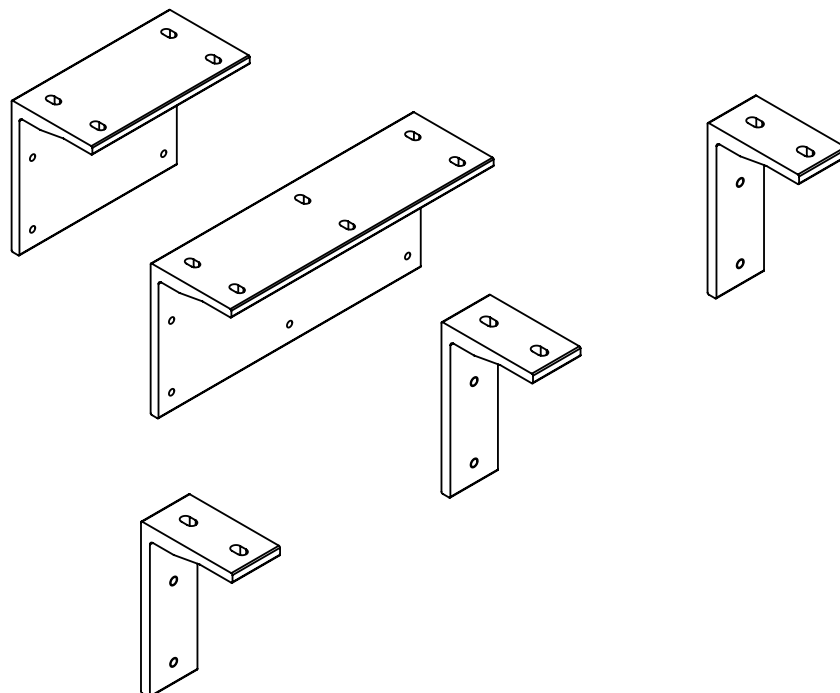


Fig. 8b:

Ceiling bracket
BX260/BX270

TECHNICAL DATA FOLDING ARM AWNINGS BX270

Awning width BX270	2050-4000 mm	4051-6000 mm	6001-7000 mm	7001-8000 mm	8001-12000 mm
Awning width BX260	2000-4000 mm	4001-6000 mm	6001-7000 mm	7001-8000 mm	8001-12000 mm
Number and type of bracket	2 x 300 mm	2 x 500 mm 1 x 300 mm	3 x 500 mm	2 x 300 mm 1 x 1000 mm	2 x 300 mm 2 x 500 mm 1 x 1000 mm
Number of drill holes	4	6	6	8	12
Number of folding arms	2	2	3	4	4

Position of the wall brackets BX260 (in mm) (BX270)

Awning width	Distance X	Width bracket (sides) B _x	Distance Y	Width bracket (middle) B _y
2000 - 4000	200 (225)	300	-	-
4001 - 6000	300 (325)	500	Width / 2	300
6001 - 7000			See table	500

X and Y = distance side of box to centre point of wall bracket

Position of middle wall bracket with 3 arms* BX260 (in mm) (BX270)

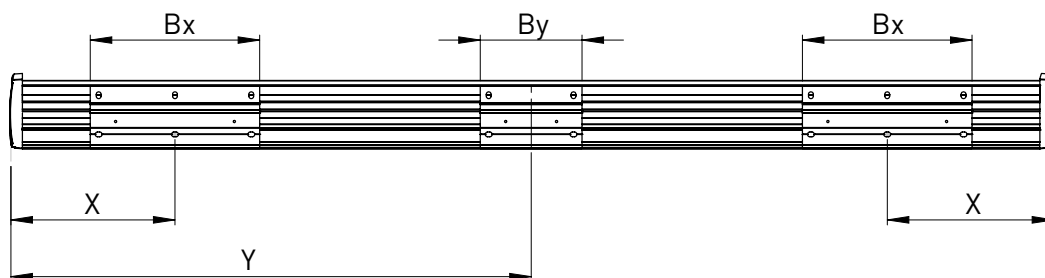
Width / Drop	1500 / 2000	2500	3000	3500
6001-6099	2913 (2928)	2886 (2901)	2386 (2401)	2072 (2087)
6100-6199	2962 (2977)	2962 (2977)	2485 (2500)	2122 (2137)
6200-6299	3012 (3027)	3012 (3027)	2585 (2600)	2172 (2187)
6300-6399	3062 (3077)	3062 (3077)	2685 (2700)	2222 (2237)
6400-6499	3112 (3127)	3112 (3127)	2785 (2800)	2285 (2300)
6500-6599	3162 (3177)	3162 (3177)	2885 (2900)	2385 (2400)
6600-6699	3212 (3227)	3212 (3227)	2985 (3000)	2485 (2500)
6700-6799	3262 (3277)	3262 (3277)	3085 (3100)	2585 (2600)
6800-6899	3312 (3327)	3312 (3327)	3185 (3200)	2685 (2700)
6900-6999	3362 (3377)	3362 (3377)	3285 (3300)	2785 (2800)
7000	3412 (3427)	3412 (3427)	3385 (3400)	2885 (2900)

* With left arm measured from the left; with right arm measured from the right.
Please indicate in your order whether a left or right centre arm is required.

Table 2: *Position of the wall brackets on the sides and in the middle*

Fig. 9a

Total width B = finished width incl. side guards



Example: Where to position the wall brackets with an awning width of 4850 mm for the BX260?

In the first column we select the corresponding awning width (4001 - 6000) and take the matching values for the X and Y distances and widths of the side bracket B_x and B_y.

- The centre line of the wall brackets is positioned at 300 mm from the side and the wall brackets are 500 mm wide.
- The centre line of the middle wall bracket is positioned at 2425 mm and the width of the bracket is 300 mm.

Fig. 9a: *Position of the wall brackets*

Fig. 9b

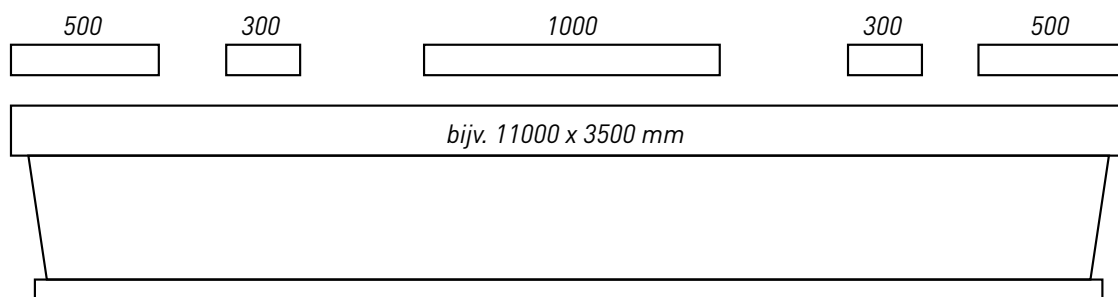


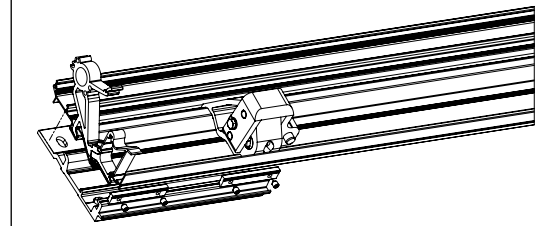
Fig. 9b: *Consoles for linked awnings.*

Fig. 10 :
Locking bolts

4.5. Locking bolt ^G

- Material: extruded aluminium, anodised (grey).
- Function: to support the angular displacement of the folding arms and simultaneously the bearing supports of the fabric roll. In this way we obtain a solid unit on the side of the box and stability for the arms.
- Is laterally retracted at the bottom of the wall bracket and mounted with two set screws.
- Always 2 locking bolts per wall bracket: one below the angular displacement and one below the bearing support (see fig. 10).
- The number of required locking bolts can be found in table 2.
- The locking bolts for the BX270 + LED have extra material to fix the LED profile.

Fig. 10



4.6. Touch of the box ^E

- Material: extruded aluminium, powder coated.
- Function: basic support on which a bearing support can be mounted and that has a funnel shaped recess at the front, so the extension pole always closes the box in the same way (see also point 4.11).
- is positioned at regular intervals on the torque bar, on the sides and in the middle of the awning.
- is also used with a fabric split covering (see point 5.4).

4.7. The bearing supports ^D

- Material: extruded aluminium, powder coated.
- Function: bearing the fabric roller at the sides and at coupling height of the awning.
- Should always be mounted on a toucher of the box.

4.8. Pulley plate of the box ⁸

- Material: lasered aluminium plate with powder coating.
- Function: Lateral enclosure of the awning.
- The side guards are attached to the sides of the box.

4.9. Side guards of the box ⁷

- Material: cast aluminium, powder coated.
- Function: aesthetic finish for the sides of the box, mounted on either side of the pulley plate.

(For the BX-260 this finish is rounded, for the BX-270 it is rectangular).

4.10. Extension pole covers ⁹

- Material: extruded aluminium, powder coated.

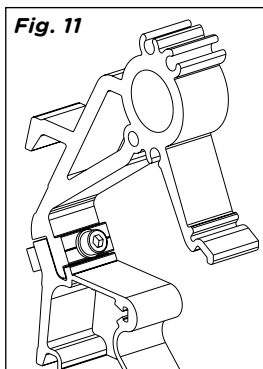


Fig. 11:
Touch of the box with
bearing support

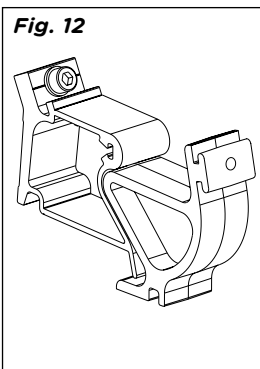


Fig. 12:
Touch of the box with
entry of the extension pole

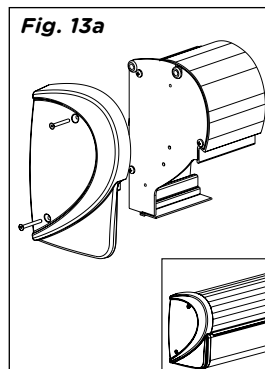


Fig. 13a:
Pulley plate and side
guard of the box BX260

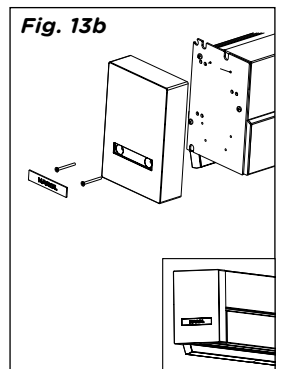


Fig. 13b:
Pulley plate and side guard
of the box BX270 and
BX270 + LED

- Function: aesthetic finish for directly covering the sides of the extension pole. Also here the finish is rounded for the BX-260 (fig. 5), and rectangular for the BX-270.

4.11. Entry of the extension pole ^F

- Material: black plastic PA66.
- Function: with flattened pointed part so the extension pole always closes the box in the same way. This part hooks into the touch of the box (see also point 4.6).

4.12. Fastening materials

The folding-arm awnings produce a lot of pressure on the mounting surface. Therefore it's recommended to mount the awnings with chemical anchors (company Hilti, Würth,) or other mounting systems. Please consult your supplier.

4.13. LED lighting

- Optional
- The lighting includes LED profile, LED strip, power supply (240 V AC - 24 V DC) and optional receiver.
- The LED strip is glued into the LED profile.
- The power supply for the LED strip and the IO receiver is placed on the side plate.
- The LED profile is clicked onto the custom mountings
- The lighting can be used with the awning in both open and closed position.
- The LED strip is always fitted over the full width of the awning. Depending on at what length the LED strip is cut, there may be less light at either end.
- The LED strip operates on 24 V, 9.6 W/m.
- The lighting is for ambiance lighting purposes only. Color is white. (600 lumen/meter - 3000 (K) Kelvin)

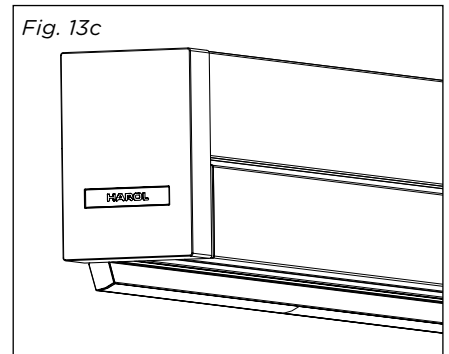


Fig. 13c :
BX270 + LED

Operation:

- The remote control is not included with the LED lighting.
- There are 2 options for operating the LED lighting:
 - 1. IO dimming controls**
The dimming lighting cannot be operated using Smooove IO controls.
 - 2. Without receiver**
A power cable is provided and can be connected to a switch.

- The remote control is not included in the LED lights.
- 3 metre electric cable

Coupled awnings:

- A LED strip with power supply and optional receiver is fitted to each section of the awning.
- The price of the LED lighting is the sum of the two screen parts.

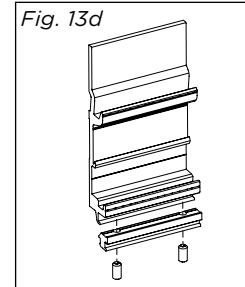
TECHNICAL DATA FOLDING ARM AWNINGS BX270

Additional LED BX270 wall bracket

- If the assembly brackets are fixed more than approx. 2.5 m apart, an additional bracket is fitted in order to prevent the LED profile from sagging.

See the table below for the number of additional wall brackets per screen.

WIDTH	DROP	# WALL BRACKETS
2050 - 3050	1,5 - 3,5	0
3051 - 4050	1,5 - 3,5	1
4051 - 6000	1,5 - 3,5	0
6001 - 7000	1,5 - 3	2
6001 - 7000	3,5	1



If more wall brackets are required, then these may be ordered by selecting option. A4203.

5. COUPLED AWNINGS

5.1. Coupler with cardan

- The two parts are joined together, at roller tube height, by means of two stainless steel discs.
- Extension pole, cover and torque bar are joined together with coupling devices to look like integral profiles when mounted.
- The fabric is provided as two separate fabrics and already fitted to both awnings.
- Width B (per part) = drop + 500 mm for the BX260.
- Width B (per part) = drop + 525 mm for the BX270.

5.2. Coupler with cardan and fabric split covering

- Same as coupler with cardan (see 5.1.).
- The fabric split covering subsequently seals the split between the two fabrics (see fig. 16).
- Width B (per part) = drop + 750 mm for the BX260.
- Width B (per part) = drop + 775 mm for the BX270.
- A spring axle is positioned under the fabrics at split height.
- The spring axle is fixed to two transparent synthetic supports.
- The fabric is fixed to the axle with a double-sided adhesive strip.
- On the front side the fabric slides into the fabric slit of the end profile.
- The width of the fabric split is covering 450mm.
- During the unrolling of the awning, the extension pole carries the fabric and unrolls the fabric from the spring axle. This accordingly seals the split.

Fig. 14:

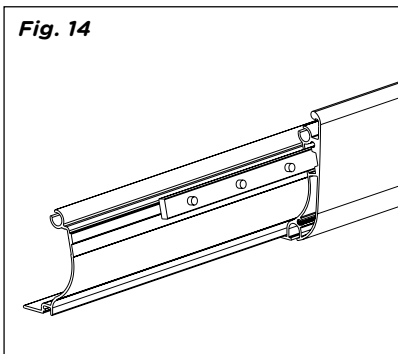


Fig. 14:
Nylon discs

Fig. 15:

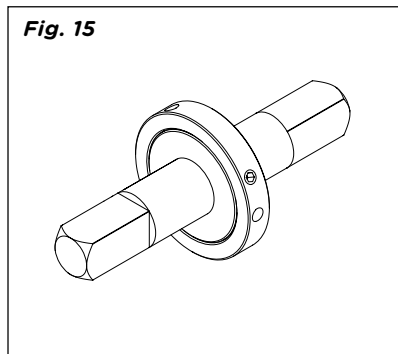


Fig. 15:
Coupling device for extension pole

Fig. 16:

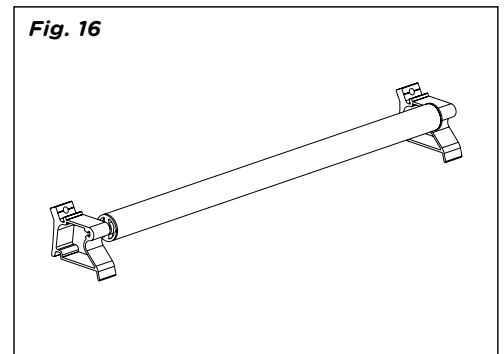


Fig. 16:
Fabric split covering

6. CONTROLS

There are two available operating systems: crank handle operation or electric operation.

6.1. Electric operation

- The standard motor is the Sunea IO motor, without push buttons and controlled with an IO transmitter.
 - IO transmitter.
 - 5m electric cable.
- Option:
 - without IO wall transmitter.
 - electric cable 10m instead of 5m.
 - other types of motors : Orea WT - CSI - CSI IO

Prod. Type	MOTORTYPE	OPTION	SURCHARGE	CABLE LENGTHS		
				3M	5M	10M
BX260 BX270	Sunea IO	Standard	-	-	S	X
	Orea WT	A2619	Minus price	S	X	X**
	CSI	A1004	Surcharge	S	X	X** Only right
	CSI IO***	A1611	Surcharge	S	X	X** Only right

S: Standard X: Option

**.: Without surface mounted switch

***: Max. width of awning: 6m

- For group control and automation: see the Harol home electronics catalogue.

Note:

The upper and lower position of the motor have pre-set factory settings.

6.2. Crank handle operation

- Standard:
 - self-braking worm-worm gear mechanism.
 - transfer ratio of 7:1.
 - laying hook with toggle: length of 1600 mm.
 - maximum possible awning width for crank handle operation is 6000 mm.
- Optional:
 - longer laying hook.

7. FABRICS

ACRYLIC FABRICS:

- composition: acrylic fibre coloured in the mass.
- colour: patterns and colours chosen from the standard collections.
- weight: $\pm 290 - 300 \text{ g/m}^2$.
- thickness: $\pm 0.5 \text{ mm}$.
- Fabric confectioning:
 - ▶ vertical rows of 1200 mm.
 - side seams of 50 mm.
 - ▶ double step stitch with polyester thread.
 - ▶ screens are treated for rot, are mould-resistant and dirt-repelling.

WIDE WIDTH CANVAS:

- Infinity with a max. roll width of 3200 mm
- Colour: uni-colours only
- Fabric confectioning:
 - ▶ 1 horizontal strip
 - ▶ no side hems
 - ▶ always "Closed-edges" confectioning

8. WEIGHT

The approximate weight for the BX-260 is ± 18 kg per metre (width).
The approximate weight for the BX-270 is ± 20 kg per meter (width).

9. GUIDELINES FOR CORRECTLY MEASURING AND FITTING THE AWNING

9.1. Guidelines for correctly measuring the awning

- Width B:
 - inished width including the side guards of the box.
 - the sheet is always narrower than the width of the awning.
- Drop D:
 - measured from the back of the box (top) to the front of the extension pole (see fig. 18).
 - a mounted awning always protrudes a little further from the wall than the drop indicated.
- For optimal sun shading, an awning must protrude sufficiently past the window to the left and right.

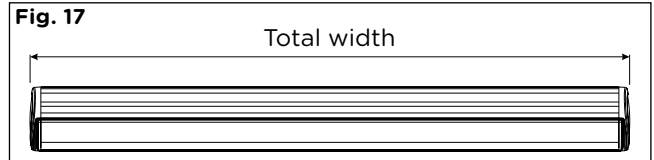


Fig. 17:
Total width

9.2. Guidelines for correctly mounting the awning

- Start by reading the instructions thoroughly before starting to assemble the awning!
- Be aware of the mounting surface, especially with poor-quality walls, walls made from cellular concrete or walls with soft or hollow bricks. Custom fastening materials should be used and it is necessary to install additional wall brackets! Use the correct fastening materials. Please consult your screw supplier for the best advice.
- Install the awning sufficiently high (minimum of 2500 mm)!
- When adjusting the angle of inclination, take care the angle is a minimum of 10° and a maximum of 30° , so there is sufficient run-out height when the awning is open (see fig. 18)!
- Make sure there is sufficient space at the top to hook the awning into the wall brackets when mounting it below an overhang!

9.3 Wind load resistance class and tensile forces on screws

- This folding arm awning has been tested for use up to a max. wind load resistance class 2, if correctly fitted (and the appropriate fitting materials are used).
- For wind load resistance class 2, the tensile forces on screws are as detailed below:

BX260 / BX270 (Acryl) with standard extension pole

Tensile strength at each top fixing point, per standard wallbracket [N].

U \ B	2000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	6250	6500	6750	7000
1500	792	869	946	1023	1100	1177	1254	1331	1408	1485	1562	1639	1716	1793	1870	1947	2024	1472	1523	1575	1626
2000			1522	1644	1766	1887	2009	2131	2253	2375	2496	2618	2740	2862	2983	3105	3227	2355	2436	2518	2599
2500					2607	2784	2960	3136	3313	3489	3665	3842	4018	4195	4371	4547	4724	3463	3581	3698	3816
3000						3974	4214	4455	4696	4937	5178	5418	5659	5900	6141	6382	6622	4823	4983	5144	
3500									5875	6190	6505	6820	7135	7450	7765	8080	8395	6148	6358	6568	6778

BX260 / BX270 (Acryl) with ceilingbracket

Tensile strength at each top fixing point, per ceilingbracket [N].

U \ B	2000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	6250	6500	6750	7000
1500	596	657	718	778	839	900	961	1021	1082	1143	1203	1264	1325	1385	1446	1507	1567	1136	1178	1220	1262
2000			1074	1169	1264	1358	1453	1548	1642	1737	1832	1926	2021	2116	2211	2305	2400	1714	1779	1843	1908
2500					1776	1913	2049	2185	2322	2458	2595	2731	2867	3004	3140	3276	3413	2418	2510	2602	2695
3000						2749	2935	3120	3306	3492	3677	3863	4049	4234	4420	4606	4792	3246	3372	3497	3622
3500									4038	4280	4523	4766	5008	5251	5494	5736	5979	4200	4363	4527	4690

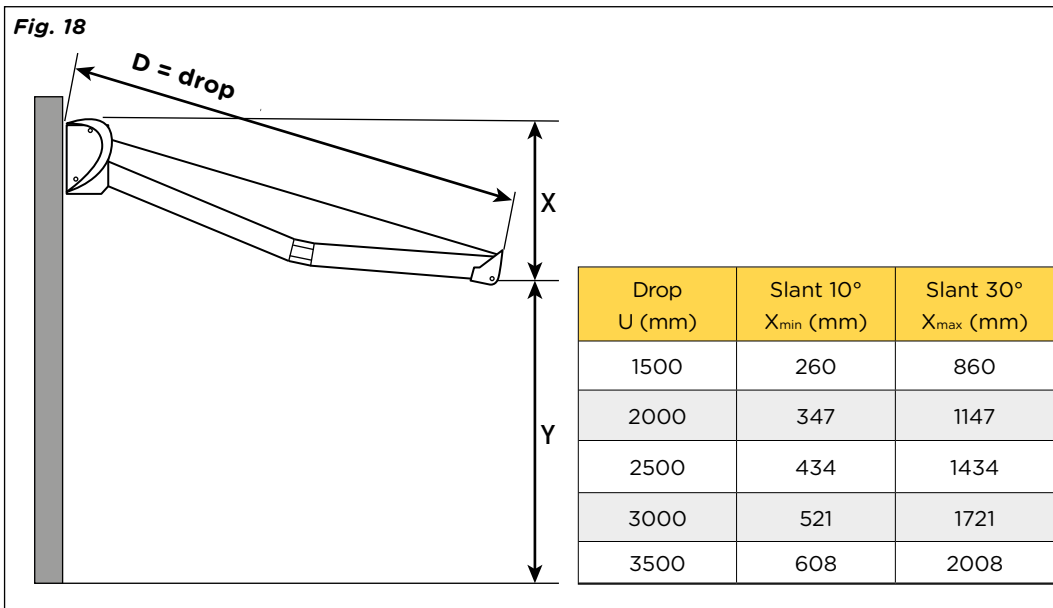
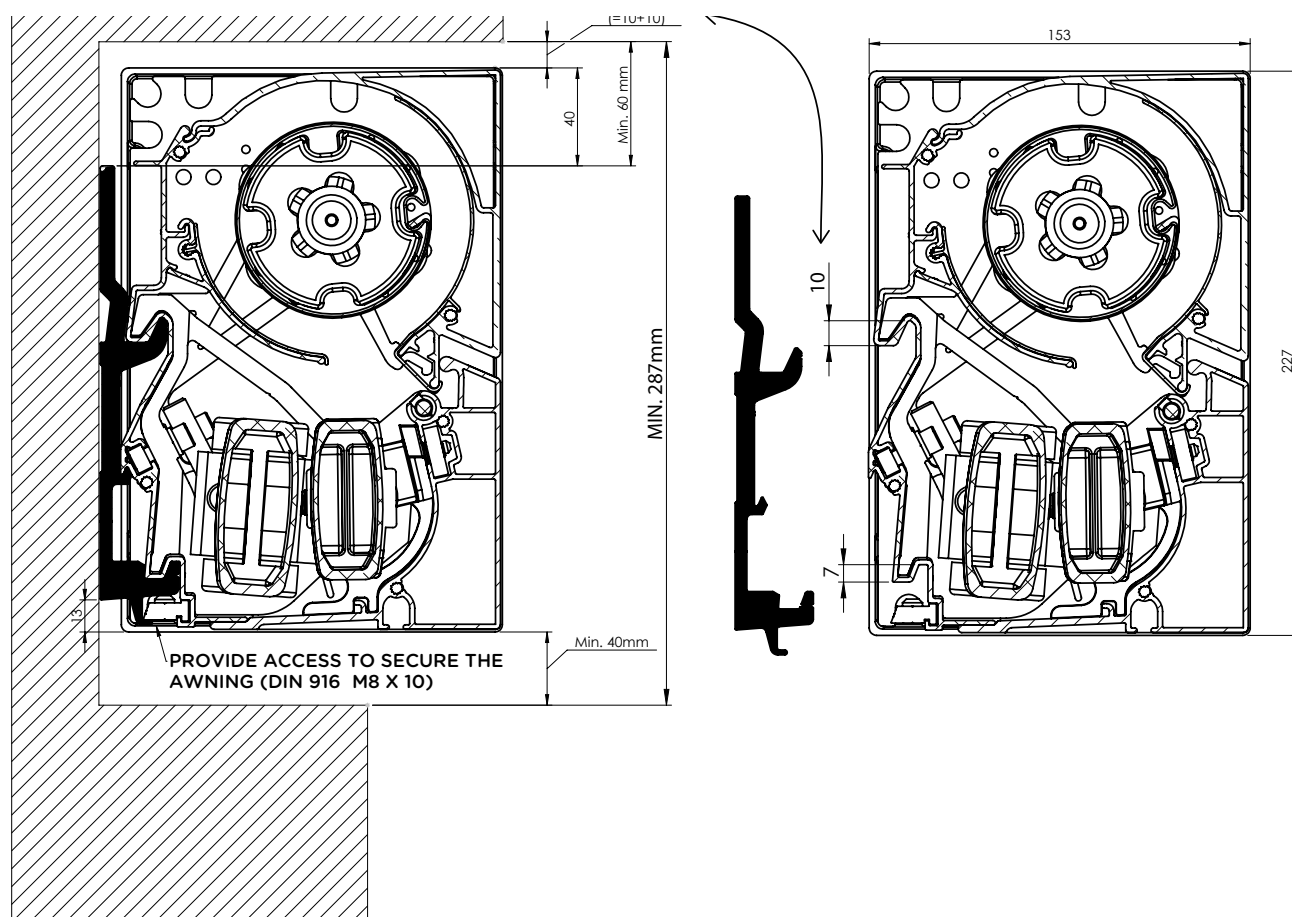


Fig. 18:
Minimum and maximum
settings

9.3 Wind load resistance class and tensile forces on screws



10. ADDITIONAL ACCESSORIES

Fig. 19

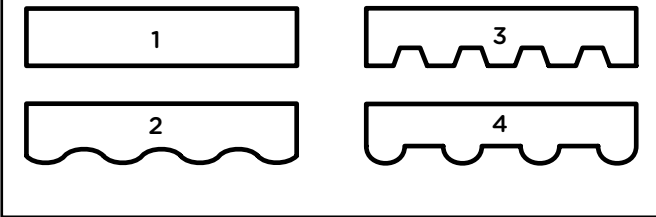


Fig. 19: Valance shapes

Fig. 20

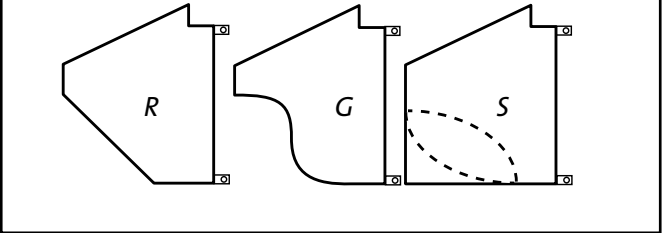


Fig. 20: Lateral fabrics

10.1. Valance

- Optional.
- Choice of four different types.
- Default height is 250 mm, but greater heights are available.

10.2. Vario valance

- Not possible.

10.3. Lateral fabrics

- Optional.
- Fit them at the side of the awning, between the box and the extension pole.
- Available in 2 standardised forms or from customer's drawing.
- The lateral fabric can always be seen from the outside.
- All the necessary dimensions for ordering a lateral fabric are displayed on the "lateral fabric order form" (page 16). All sizes are in mm!
- Please measure the dimensions as shown in sketch.
- Mountable with open awning, to be removed before closing the awning.

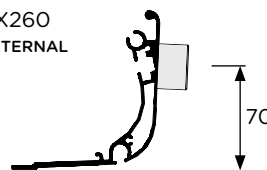
10.4. Lettering

- Optional on valance and/or fabric.
- Standard height of the valance with lettering is 300 mm.

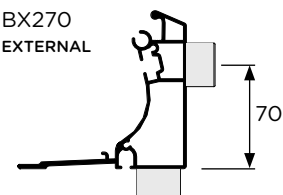
Note: Texts on striped fabrics and valances are often difficult to read.
In this case uni-fabrics are best used.

10.5. Eolis 3D

BX260
EXTERNAL



BX270
EXTERNAL



BX260	EOLIS 3D IN THE FRONT FRAME POSSIBLE FROM THESE MINIMUM WIDTHS				INTERNAL MAX. 30mm
	LINKING A	LINKING B	LINKING D	LINKING E	
PROJECTION					
1500	2300	6001	2300	2550	
2000	2800	6001	2800	3050	
2500	3300	6001	3300	3550	
3000	3800	6001	3800	4050	
3500	4300	6300	4300	4550	
BX270	EOLIS 3D IN THE FRONT FRAME POSSIBLE FROM THESE MINIMUM WIDTHS				INTERNAL MAX. 30mm
	LINKING A	LINKING B	LINKING D	LINKING E	
PROJECTION					
1500	2350	6001	2350	2575	
2000	2850	6001	2850	3075	
2500	3350	6001	3350	3575	
3000	3850	6001	3850	4075	
3500	4350	6350	4350	4575	

TECHNICAL DATA FOLDING ARM AWNINGS BX270

11. DELIVERY

- The awning is protected by plastic foil and completely packed in strong cardboard.
- The whole unit is supplied without fastening materials, these must be purchased separately by the customer according to the relevant surface.

12. USE AND MAINTENANCE

- The BX260 and the BX270 are sun awnings and are not “all-weather awnings”. Do not use the awnings as rain or wind screens. Suitable use and maintenance will increase the life of the awning.
- Regular maintenance of the awning prevents unnecessary wear and operational faults:
 - Clean the frame regularly with soft water and not with aggressive agents that may damage the coatings and protective layers.
 - Clean the fabric regularly with a slightly hard brush. Treat stubborn stains with a solution of tepid water and light detergent, rinse with copious amounts of clean water.
- Make sure the awning is completely dry before rolling it up (also after an unforeseen shower). Never leave the fabric rolled up and wet in the box for days!

13. GENERAL REMARKS

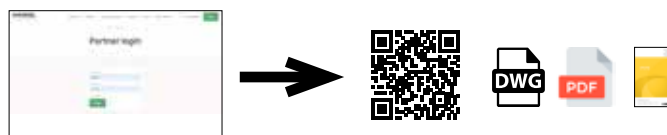
- * The guarantee conditions can be found on the guarantee card. This card has a HAROL® identification label and lists the order number, date of manufacture and the number of products. For the guarantee to take effect, the fitter must complete the guarantee card on the website of Harol.
- * All electrical connections must be made according to the statutory provisions of the relevant country. Electrical connections and proper operation are the responsibility of the installer.
- * Harol does not accept any responsibility in the event a sun protection product is wrenched off by wind or storm. For safety reasons, the fitter must install the sun protection product according to the guidelines as stipulated, taking into account all precautions relating to mounting location and surface.
- * The sun protection product must only be mounted on self-supporting structures that have a sufficient degree of strength to carry the sun protection product.
- * All information in this brochure is provided in good faith and is for informational purposes only. It reflects the present state of our knowledge and abilities and cannot be used against us. Harol is continuously working on the further development of all models, and reserves the right to make changes at any time without further prior notice, and without this resulting in any further obligations.

14. ORDER FORM

Click the link below:

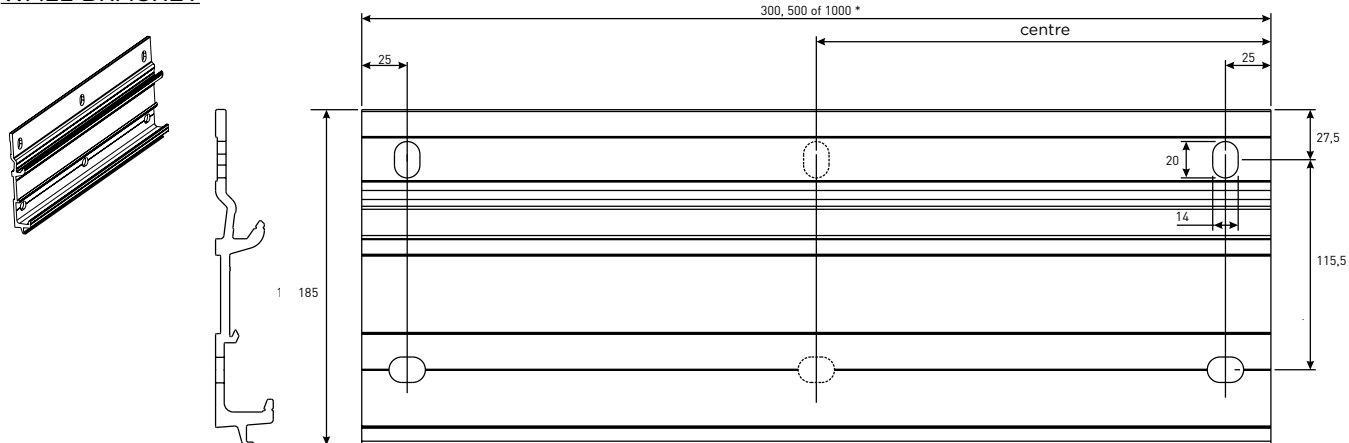
[Order form BX270](#)

FOR DIGITAL DRAWINGS OR MORE TECHNICAL INFORMATION, PLEASE VISIT THE HAROL PORTAL
Contact our marketing team for login details or register online via www.harol.be



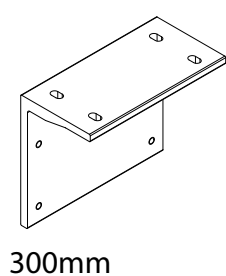
TECHNICAL DATA FOLDING ARM AWNINGS BX270

WALL BRACKET

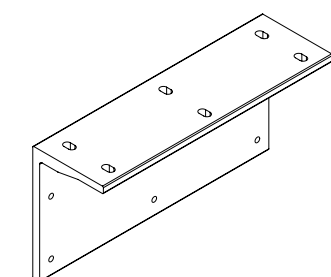
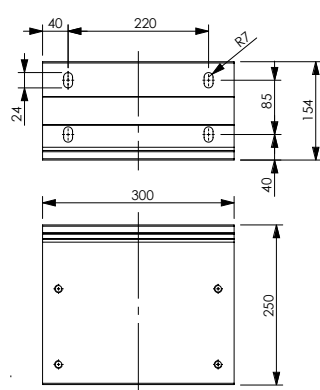


*No slotted holes in the centre in case of wall brackets 300 mm.

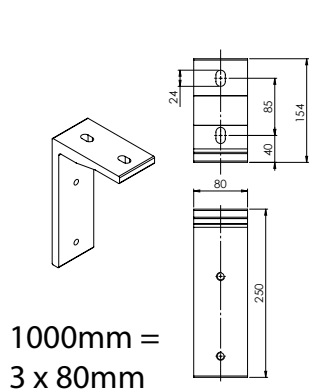
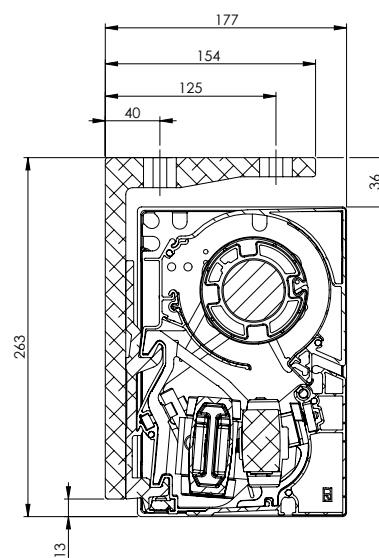
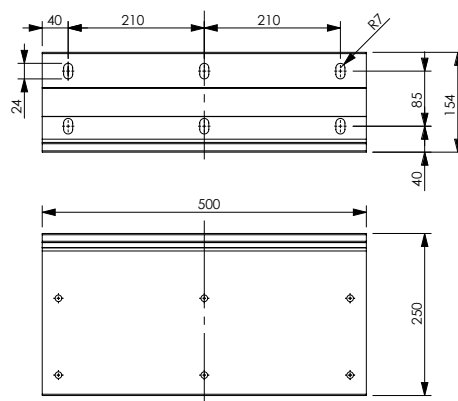
CEILING BRACKET



300mm



500mm



1000mm =
3 x 80mm

