ORDER FORM B25/B28 - B25/B28 Elite

Date:

Name:

Address:

Delivery address:

Ref.customer:

Tel. n°:

Fax:

Type of awning:
o Brustor B25/28
o Brustor B25/28 Elite

Fixation: o Wall o Ceiling

Quantity:.....

Colour:
o anodised
o powder-coated: o Brustor white RAL 9010 (stdcolour)
o brown RAL 8019 (stdcolour)
o ivory RAL 1015 (stdcolour)
o cream RAL 9001 (stdcolour)
o RAL nr.....

Dimensions:
Width:.....mm
Projection:.....mm
Mounting height (under main housing):.....mm
Passage height:.....mm

Fabric: o with fabric o no fabric
Collection:.....
Number:.....
Determination:.....

Options for B25/28 - B25/28 Elite:
between 5m51 et 6m00: o 2 arms
o 3 arms (standard)
(2 arms only with class 1 & 2 fabrics)

Valance (standard height 210mm): o with o without
Collection:.....
Number.....
Determination:.....
} only when different than fabric
Form: o straight o waved
Text on o valance / o fabric:.....
.....
.....

Operation: o **left** o **right (frontal view)**

o Standard motor: **Brand + type:**.....
o Remote controlled motor: **Brand + type:**.....
o Motor with manual override
o Gear with end course (Geiger)

Type of switch:	**Gear**
o surface	o 1400 mm
o surface waterproof	o 1600 mm
o recess	o 1800 mm
o no switch / no remote	

Electronic options:
* options with standard motor
** options with remote controlled motor

o Windsecurity *
(=Kit Somfy Eolis box)
o Wind / solar device *
(=Kit Somfy Soliris Uno)
o Remote control *
(=Kit Somfy Centralis RTS) + telis 1 RTS
o Remote control + windsecurity *
(=Kit Somfy Eolis RTS) + telis 1 RTS
o Remote control + wind / solar device *
(=Kit Somfy Soliris RTS) + telis Soliris RTS

o Wireless windsecurity **
(=Sensor Eolis RTS)
o Wireless wind / solar device **
(=Sensor Soliris RTS) + telis Soliris RTS

o Telis 4 (no telis 1)
o Relaiskast RI-2 (2 motors) (not necessary for Elero)
o Relaiskast RI-3 (3 motors)
o Led Lights

Remarks:.....
.....
.....

ORDERFORM SIDEPANEL B25(ELITE) - B26 ELITE - B27 - B28 (ELITE)

Type awning:.....

Colour:.....

Side:
o left
o right
o both (1 side)

A = Distance between center of the box and ground = ……..mm

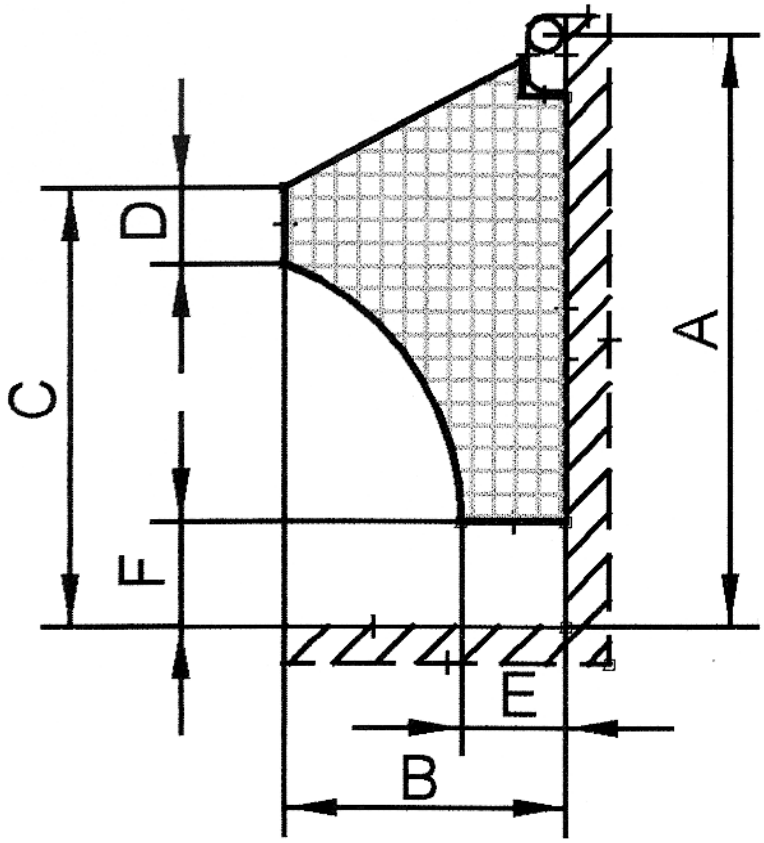
B = Horizontal distance between the wall and the inside of the frontprofile = ……..mm (margin of 20mm)

C = Height between the ground and the fabric = ……mm

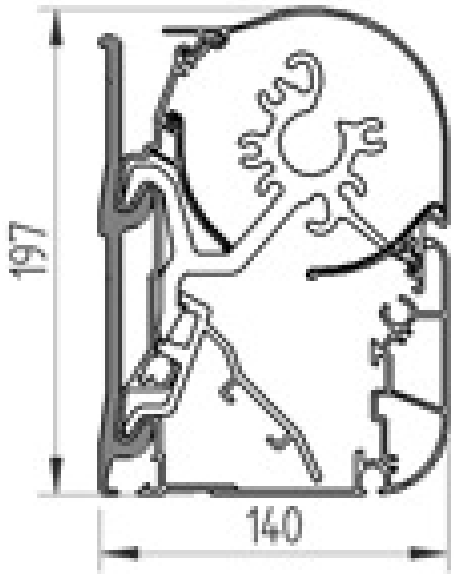
D = To be determined according to the customers' wish = ……mm

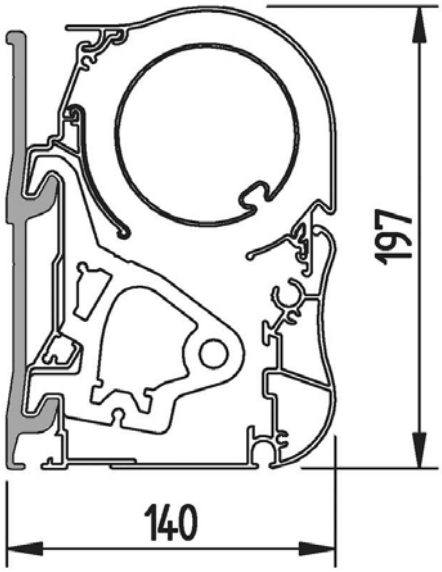
E = To be determined according to the customers' wish = ……mm

F = Distance between the ground and and the bottom of the sidepanel = ……..mm

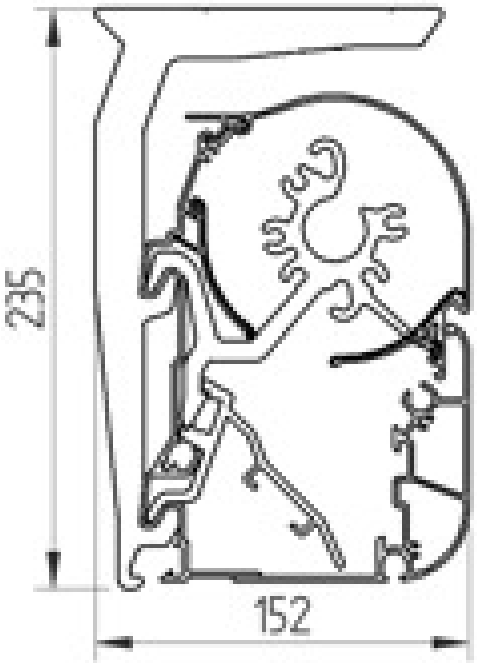


WALL FIXATION B25 / B28

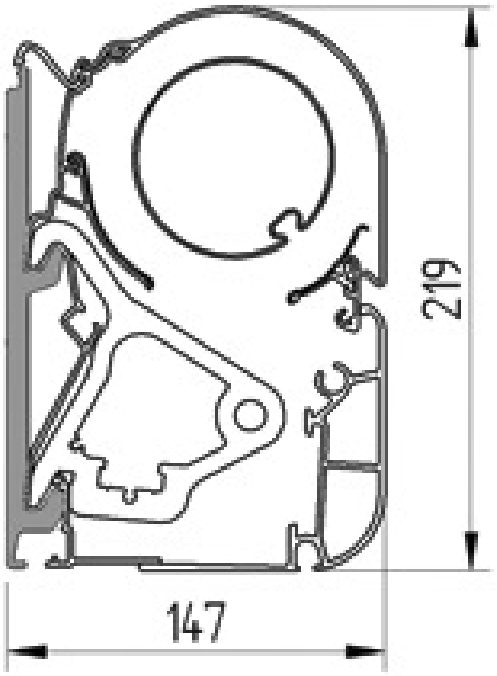


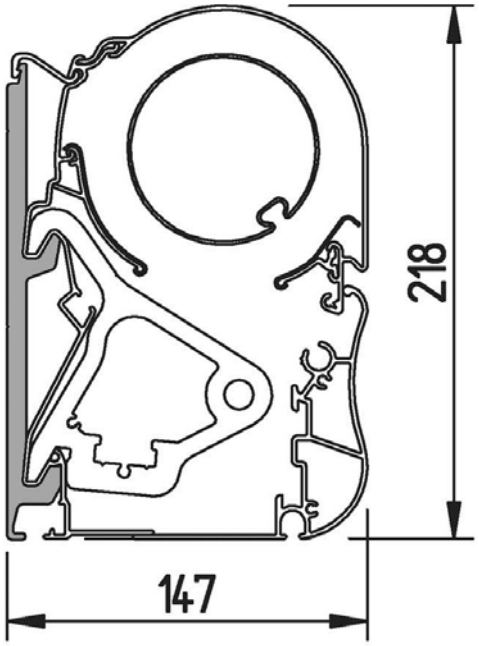


CEILING FIXATION B25 / B28

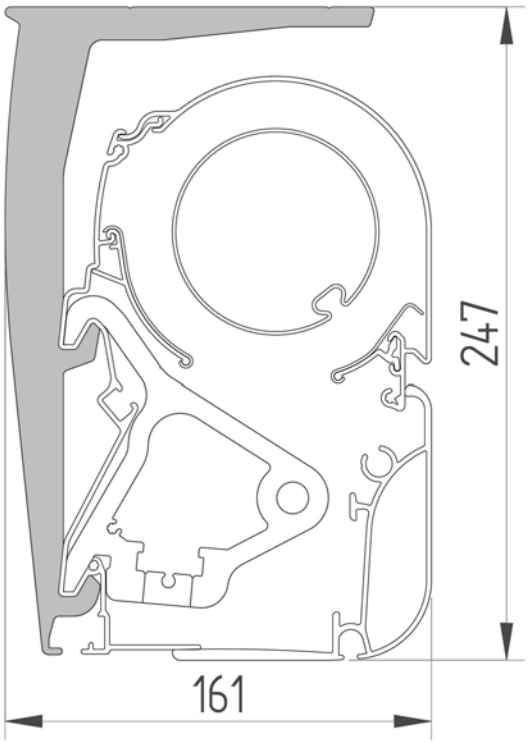


WALL FIXATION B25 / B28 ELITE

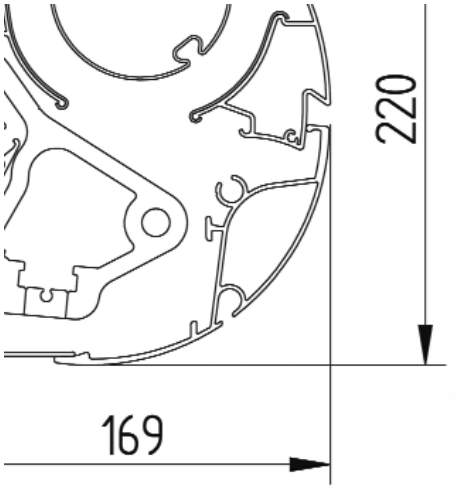




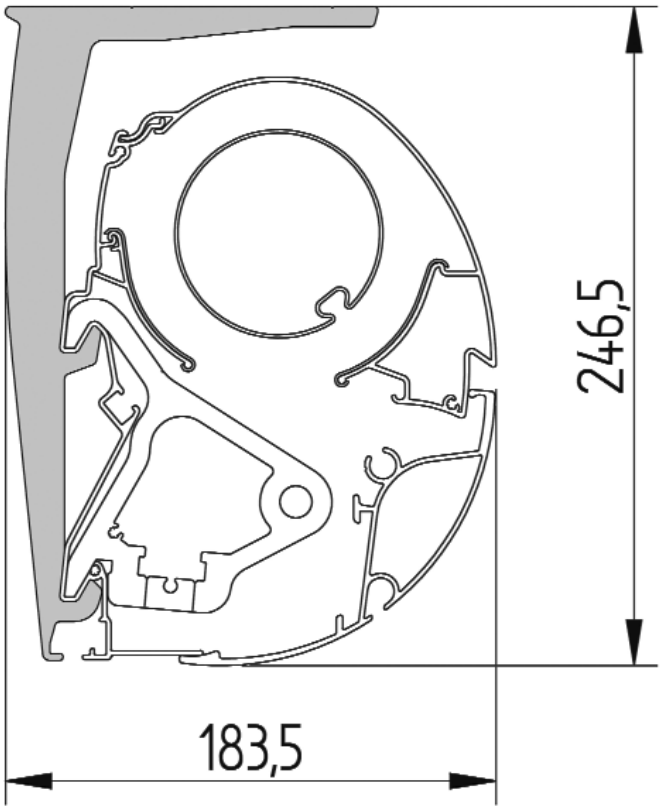
CEILING FIXATION B25 / B28 ELITE



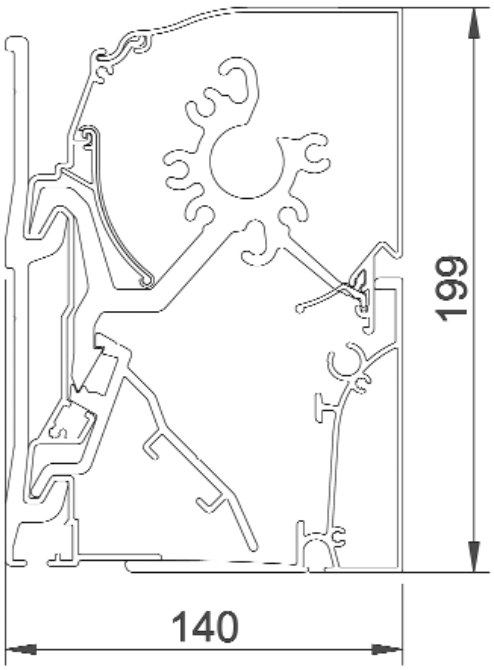
WALL FIXATION B26 ELITE



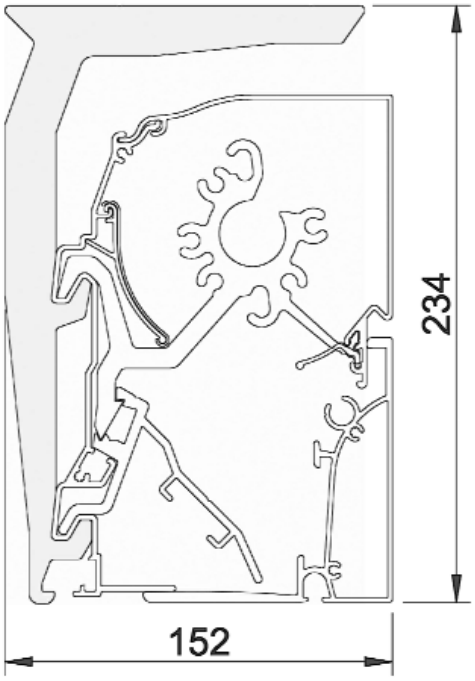
CEILING FIXATION B26 ELITE



WALL FIXATION B27



CEILING FIXATION B27



INSTALLATION INSTRUCTIONS B25 - B28 (ELITE) / B26 ELITE / B27

Read these installation instructions carefully. A correct functioning needs a correct installation. No guarantee will be allowed for wrong installation.

CONTENTS INSTALLATION KIT

Number of arms	2 arms	B>4,0m	3 arms	4 arms	B>8,0m	6arms
Wallbracket 300 mm	2	-	1	2	-	2
Wallbracket 100 mm	-	1	-	-	2	-
Wallbracket 500 mm	-	2	2	-	2	2
Wallbracket 1000mm	-	-	-	1	1	1

SELECTION OF FIXATION MATERIAL

Calculate with a retracting force on the bolts of 370 kg (830 lbs) (for a wind pressure of 70 N/m≈ or 1.5 lbf/ft≈). Eventually consult a fixation materials expert.

REQUIRED TOOLS

Drilling machine with rock drill and a metall drill dia.3,9
Open-ended spanner SW 10, 17 en 19.
Hexagon pin wrench 5mm
Rope and waterlevel

FIXATION OF THE WALL BRACKETS

The wall brackets are positioned just behind the arm brackets (fig.1). The position is marked at the back of the box (fig.2). The underside of the brackets is at the same height as the underside of the box. Fix the brackets in line on the right place (fig.2). In order to guarantee a smooth operation, make sure that the awning is hung horizontally. Hang the awning into the brackets. Secure it with the insert blocs and fix the blocs (fig.3)

ADJUSTMENT OF THE PASSAGE HEIGHT(fig.4)

Check the passage height and the complete horizontal position of the frontprofile. To adjust the arm projection: Loosen the 2 sidenuts (19mm) of the arm support (fig.4A). Adjust the height by turning the lower adjusting bolt (fig.4B).Tighten the 2 sidenuts securely (fig.4C). Check if the frontprofile is parallel to the box.

ADJUSTMENT OF THE LEADRAIL (fig.5)

Roll out the awning completely till the fabric is hanging loose.
Adjust the leadrail by turning it till its front is in vertical position.
Tighten the screws as shown on fig.5B. The height of the hinge of the arms in closed position, can be adjusted as shown on fig.5A.

ELECTRICAL CONNECTION OF THE MOTOR

The electrical connection is done in accordance to the connection scheme shown on fig.6. When the motor is installed on the right hand side, reverse the brown and the black wire.

ADJUSTMENT ENDSTROKE OF THE MOTOR

The adjustment of the endstroke is already done during the assembling of the awning. For re-adjustment, proceed as follows :

A. SOMFY SLT (blue and yellow or white button) (fig.8)

Press fully the blue and the yellow or white limit switch push button on the motor. Now all setting is turned off.
Roll out the awning till the required point of cease. Unlock the yellow or white limit switch push button by pressing it. Now the OUT-position is installed.
Roll up the awning untill about 10cm before reaching the required IN-position. Unlock the blue limit switch push button by pressing it. Now the IN-position is installed. In fact, from the set position the motor will continu at reduced force during a few seconds. By doing this the box will always stay completely closed.

B. ONLY FOR SOLTIS OR PVC-FABRICS

SOMFY LT (yellow and white button)
Remove the side plate of the box. Press fully the yellow and the white limit switch push button on the motor. Now all setting is turned off. Roll out the awning till the required point of cease.
Unlock the first(front) limit switch push button by pressing it. Now the OUT-position is installed. Roll up the awning completely. Unlock the rear limit switch push button by pressing it. Now the IN-position is installed.

C. ADJUSTMENT ENDSTROKE MOTOR ELERO

See instructions enclosed with the motor and page 13

INSTALLATION OF A COUPLED AWNING(fig.7)

Place the wall supports as indicated on fig.1 (4 arms)
The bracket of 1 meter is placed at the disjunction of the two awning parts. Hang the part of the awning containing the gear box or motor into its brackets and secure it with the insert blocs. Roll out the awning for half a meter.
Hang the second part of the awning into its brackets. Tie it first with a rope to keep the box closed. Release the rope so that the fabric of both parts is hanging at the same level.
Make sure that the channel in both roller tubes are in the same line and join both parts together.
Join the two parts together with the insert screws (fig.7-ref.2)
Fasten the second part with the inserts.
Join the lead rails with the coupling profile as shown on fig.10A

INSTALLATION OF THE INTERMEDIATE TUBE (fig.9)

Install the intermediate tube in such a way that the canvas is unrolled from above and the red mark on the spindle end corresponds to the red mark on the bracket.
Slide the intermediate canvas into the coupling profile (fig.10B)
Put the intermediate tube into its right bracket.
Wind up the spring 8 turns (max. 6 turns from 3,5m projection on) as shown on fig.9-ref.1.
Glide the left bracket over the lip of the spring spindle (fig.9-ref.2) and fasten it securely (fig.9-ref.3).
Roll out the awning and close it again.
To drill the 2 holes dia.3,9, and fix the coupling profile toghether with 2 screws and 2 bolts (fig.10A)
To fix the intermediate canvas into the coupling profile (fig.10B)

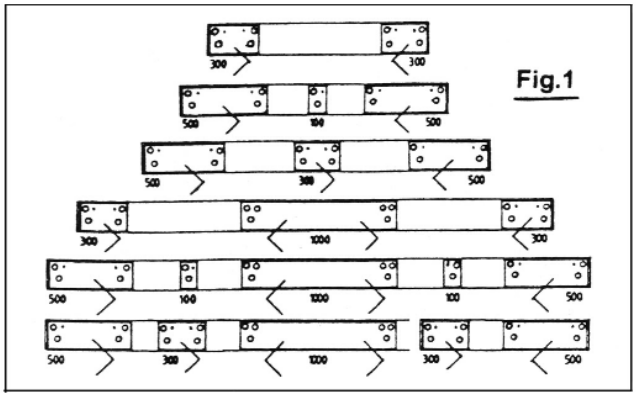
USER INSTRUCTIONS

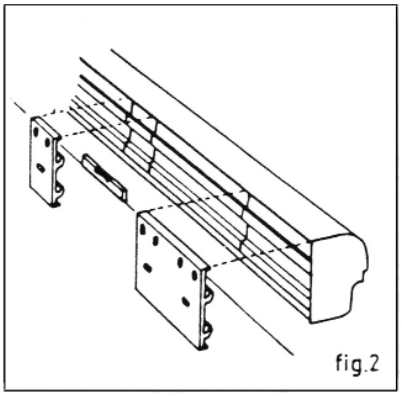
The awning is a sun - and not a rain - protection. Roll up when raining or snowing. Make sure the awning is closed in windy weather conditions. Do not hang any other objects to the frontprofile or to the arms. For electric powered awnings, put the switch back in the 0-position after using.

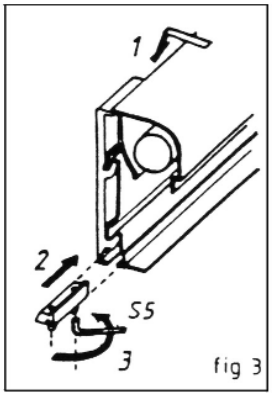
OPTIONS

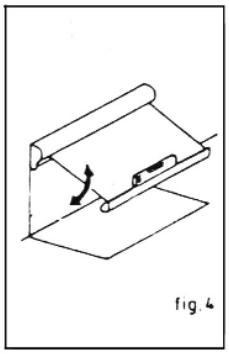
Sidepanel
Ceiling brackets

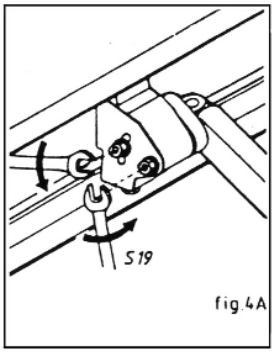
DRAWINGS WITH THE INSTALLATION INSTRUCTIONS B25 - B28(ELITE) B26 ELITE B27

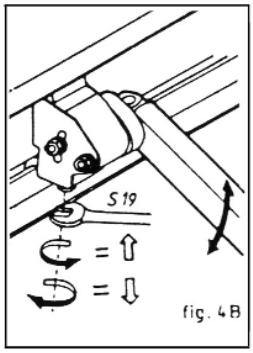


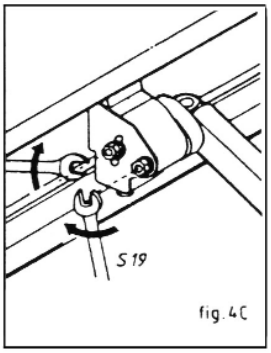


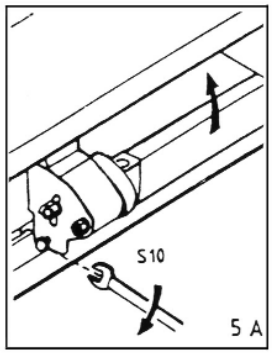


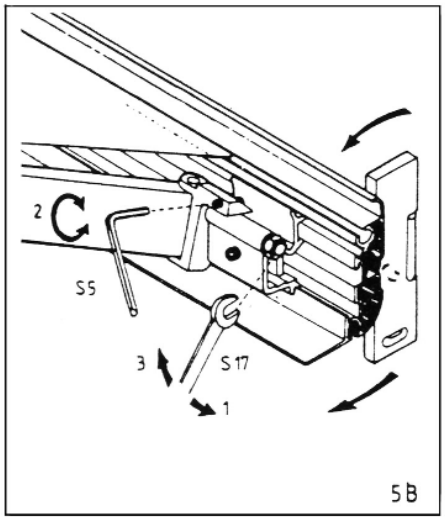


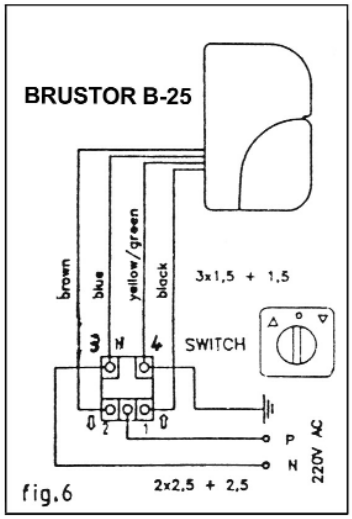


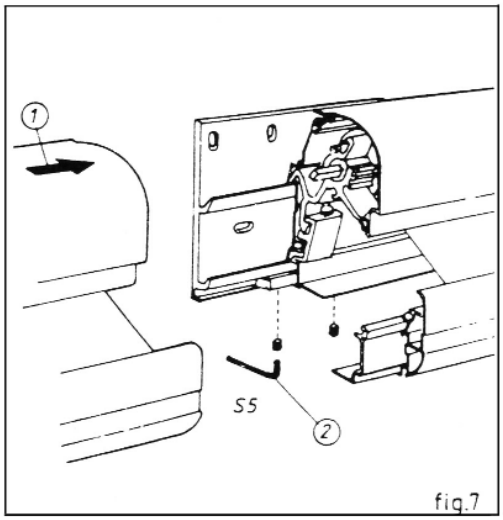


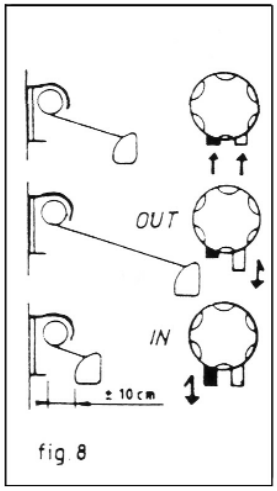


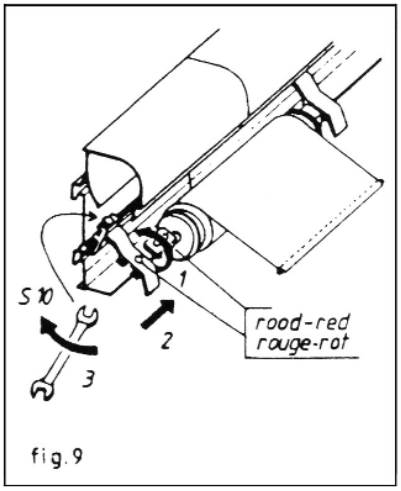


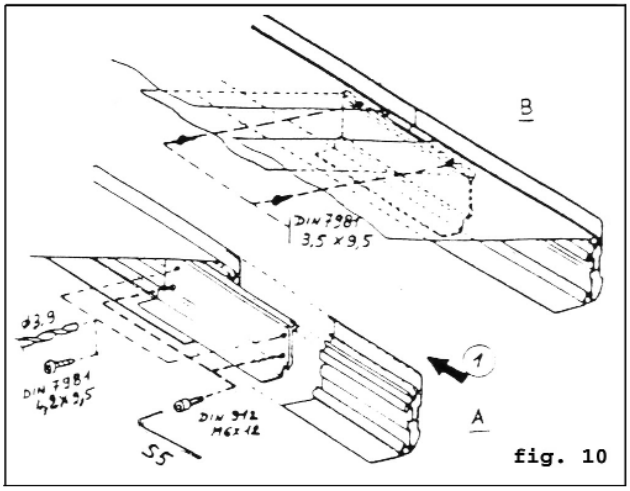




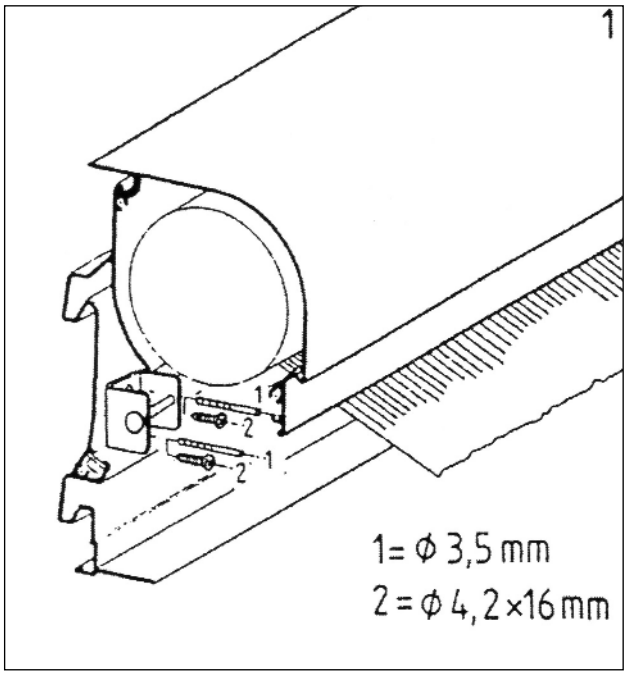


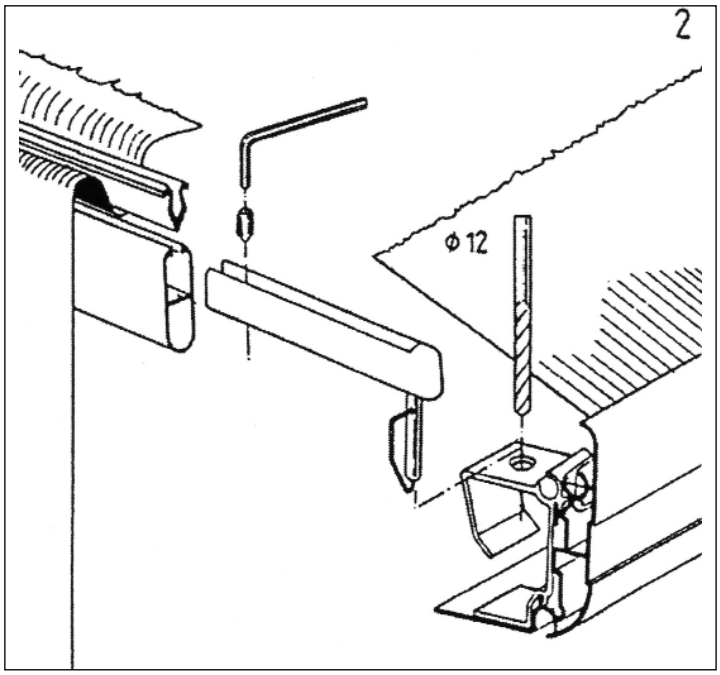


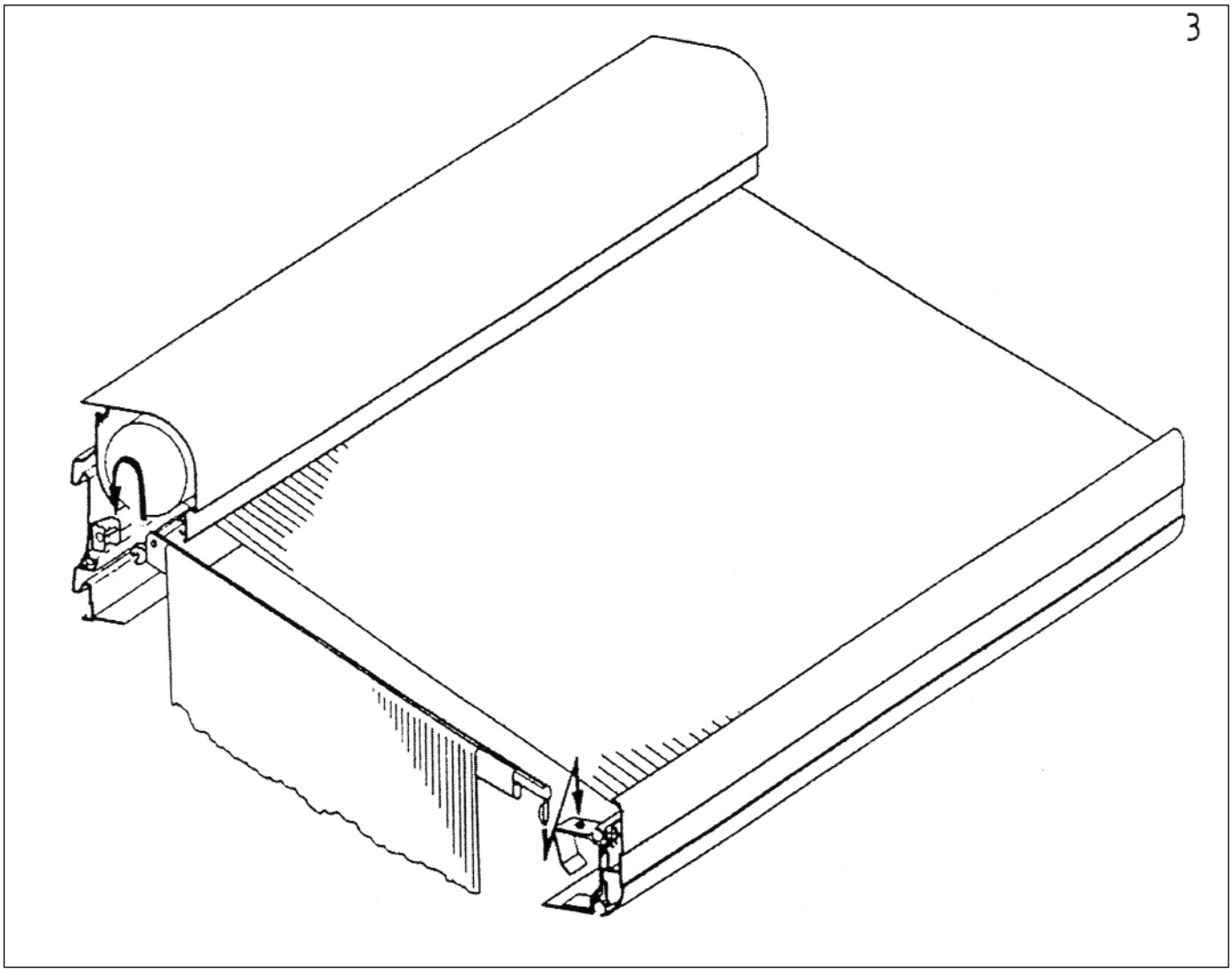




RAFTER FOR SIDEPANEL B25 - B 28(ELITE), B26 ELITE, B27





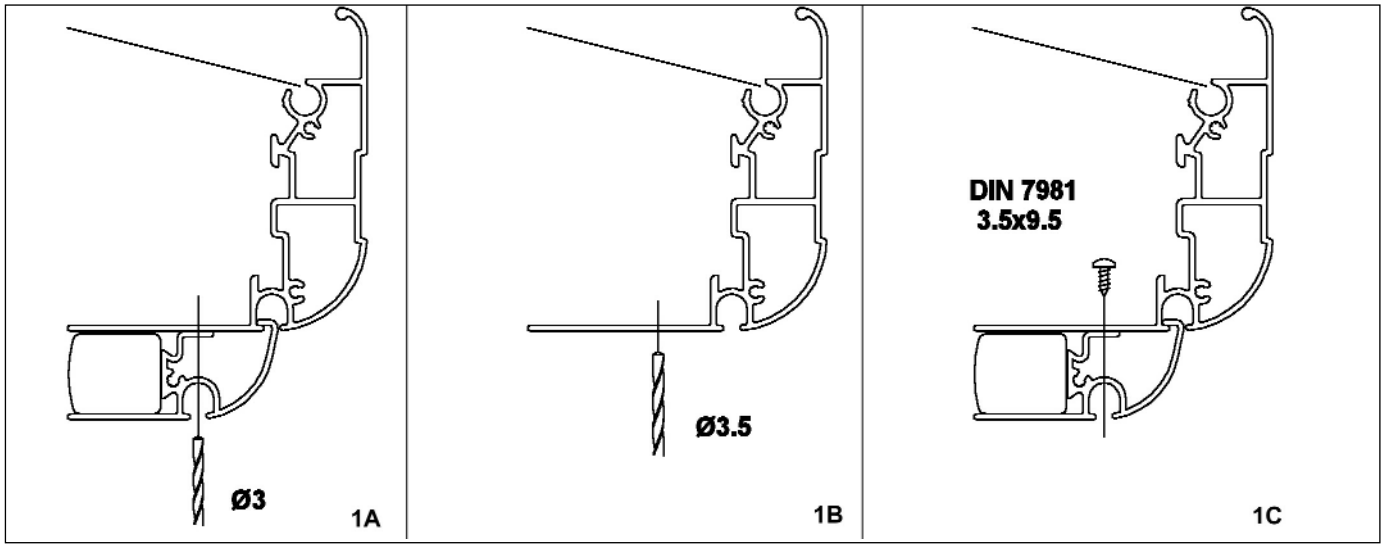


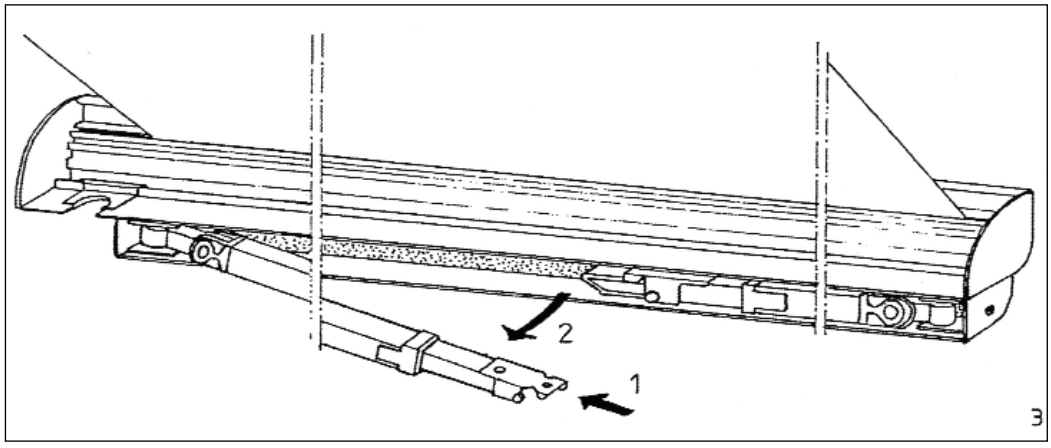
INTEGRATED SUPPORT ARMS B25 - B28 (ELITE) B26 ELITE B27

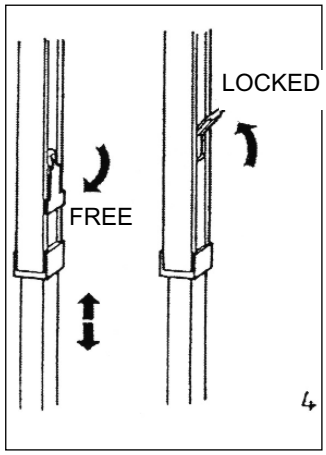
USER INSTRUCTIONS
Read these installation and user instructions carefully. No guarantee will be admitted for wrong installation or use.

INSTALLATION
- Remove one sideplate from the frontprofile.
- Slide the housingprofile of the support arms into the slot at bottom of the frontprofile.
- Make sure that there is enough space at the operation side for the handle.
- Drill holes dia. 3mm through the inferior slot of the housing and the frontprofile (fig. 1A). drill holes at approximately 1.5m from each other.
- Enlarge the holes in the frontprofile to dia.3.5mm.(fig.1B)
- Screw the two profiles together with the delivered srews (fig.2)
- Fix the sideplate back to the frontprofile.

USE
- Slide the support arms out of the housing(fig. 3).
- Adjust the support arm at the required height and fasten by pulling up the flipper (fig. 4).
- A nylon support is included to attach the endpieces of the support arms (for attachment on the ground according to the possibilities).



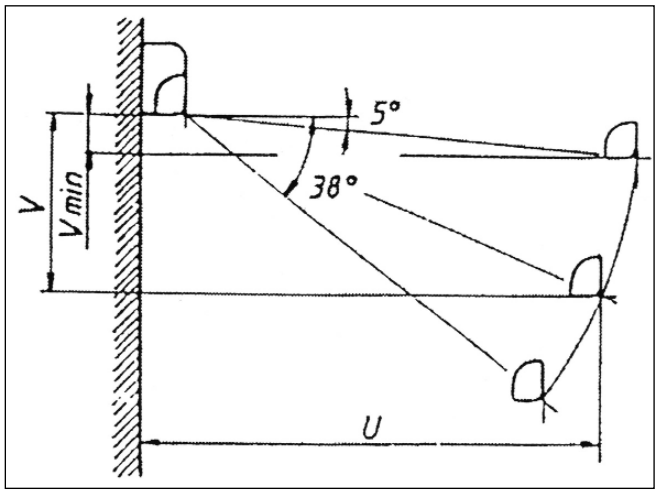


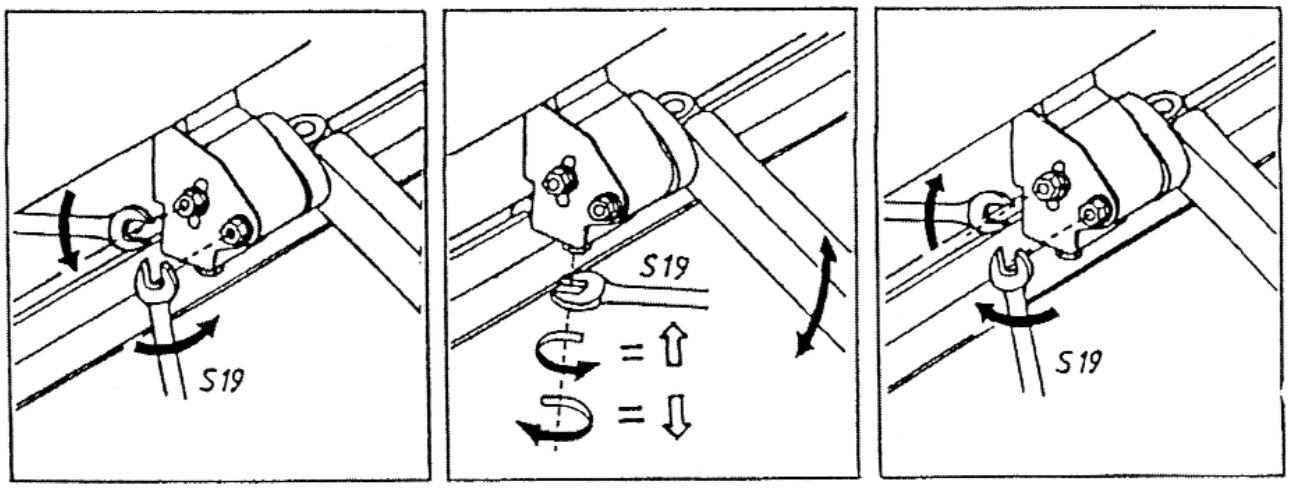


HEIGHT ADJUSTMENT

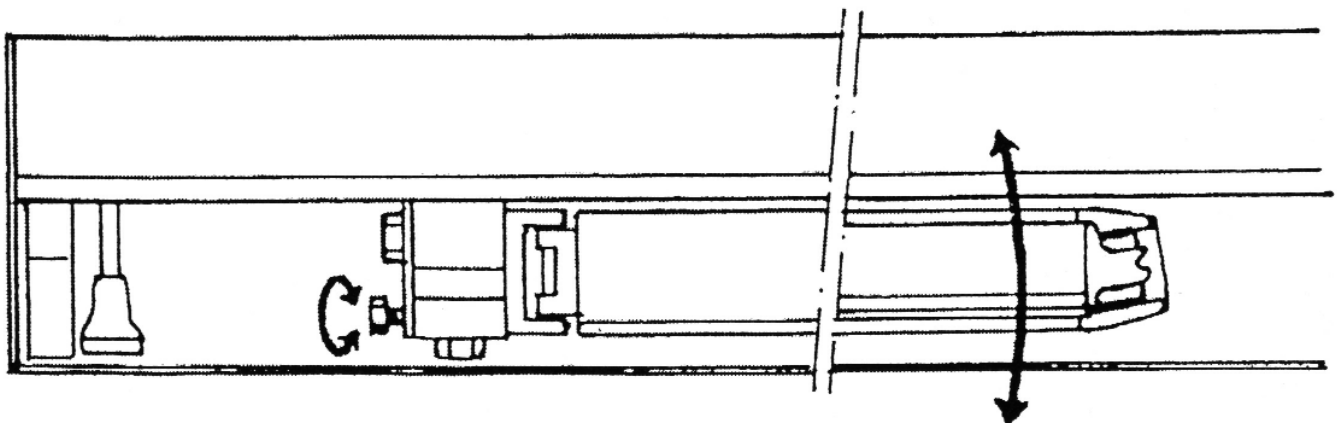
	∝ = 5°		∝ = 38°	
LA (m)	V (cm)	U (cm)	V (cm)	U (cm)
1,50	13	154	88	125
2,00	17	204	118	165
2,50	21	219	146	200
3,00	25	296	176	238
3,50 **Elite**	31	349	215	276
3,75 **Elite**	34	374	230	295

∝ = inclination angle
V = fall
LA = armlength
U = extension



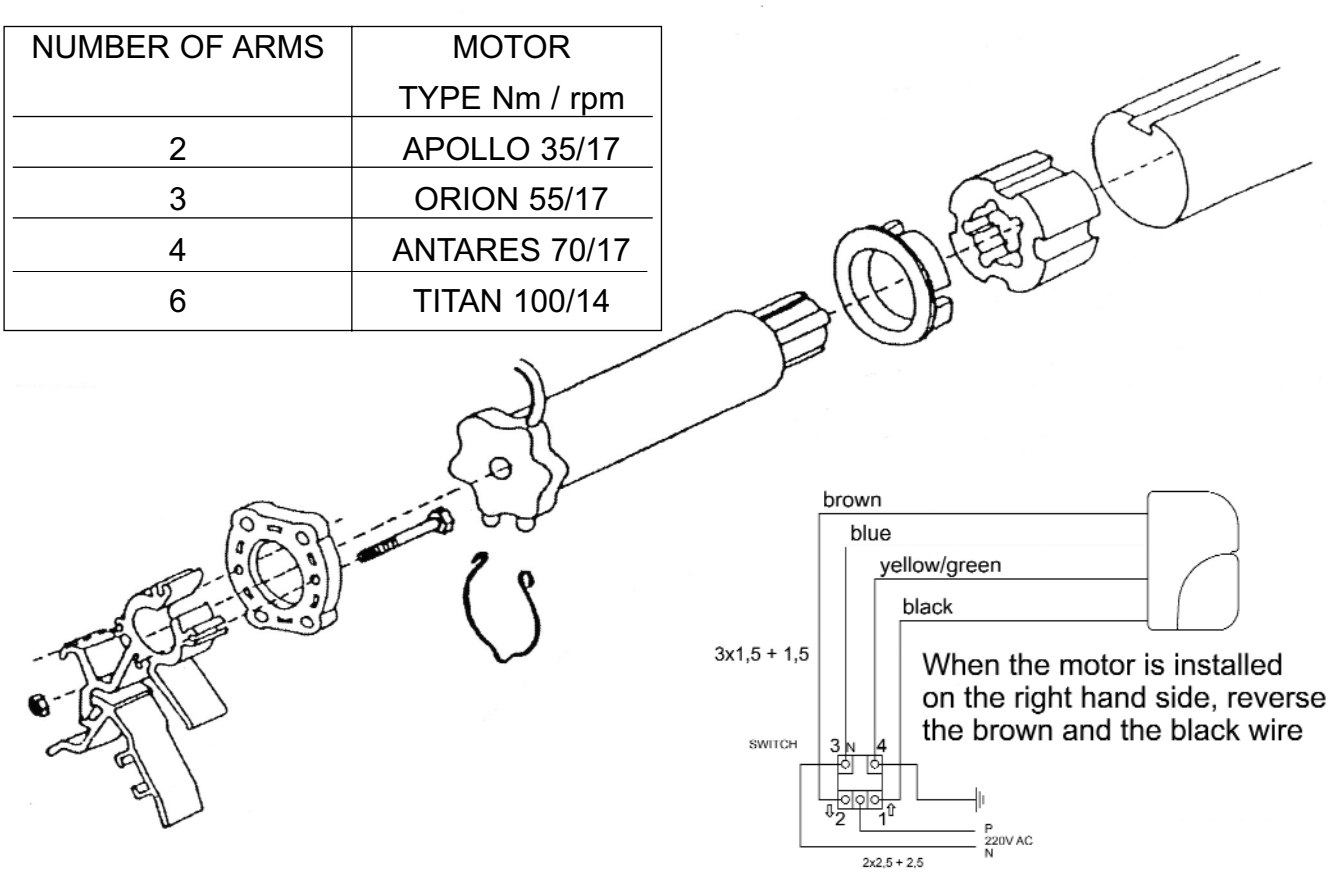


ADJUSTMENT FOR CLOSING THE BOX



INSTALLATION OF THE ELECTRIC SOMFY MOTOR

NUMBER OF ARMS	MOTOR TYPE Nm / rpm
2	APOLLO 35/17
3	ORION 55/17
4	ANTARES 70/17
6	TITAN 100/14



MOTOR SOMFY LT

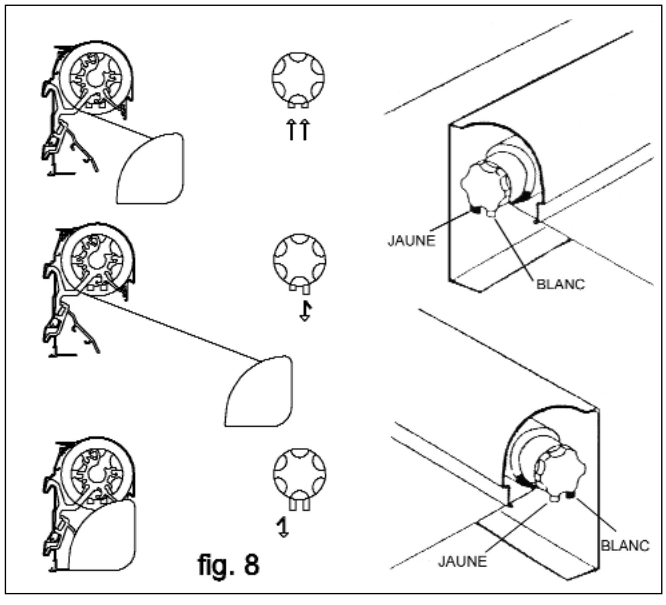
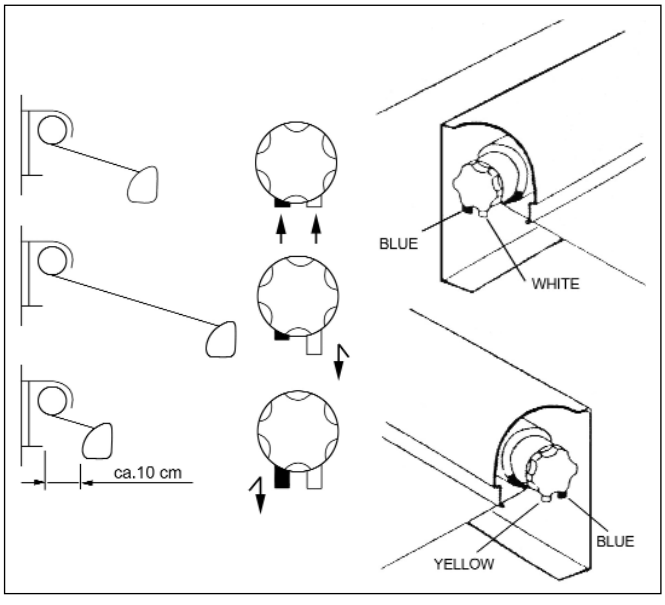


fig. 8

MOTOR SOMFY SLT

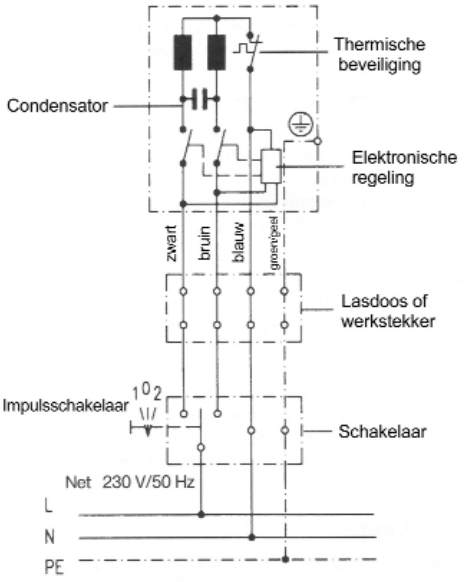


MOTOR ELERO CSME

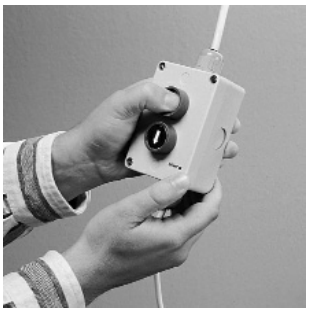
INSTALLATION OF THE ELECTRIC CSM-MOTORS ELERO Type 8 to 11 CSM(E) SUN

Caution ! The CSM-E electronics will only work after the motor has been installed in the roller tube.

Adjustment instructions for elero CSM-E awning drives
Install and fix roller tube with drive in the awning structure and attach the awning fabric.
• Connect the motor using the elero installation cable.
Adjusting the limits:
The motor is supplied in the programming mode which is indicated by a brief jerk each time the motor is started to run. The up and downward directions can be switched arbitrarily, however, the first "reference" travel must always be in upward direction covering a distance of at least 50 cm to the upper stop.
Notes for the installation of CSM-E awning drives
To ensure an optimal interaction of the solar protection system and the CSM-E awning drive make sure that the following requirements are met:
• The facia rail must always run up against a solid stop.
• The mechanics of the awning structure must run smoothly.
• The UP and DOWN control functions must be interlocked. When reversing the direction of travel there must be a volt free period of at least 500 ms.
• Do not connect the CSM-E drives in parallel with conventional type tubular motors with mechanical limit switch.
• Only use compatible control components to avoid malfunction.
• Always switch off mains supply prior to wiring.



1. Start motor in 'up' direction



The awning starts to close with a brief jerk until the motor cuts out automatically when reaching the upper stop

2. Start motor in 'down' direction

The awning starts to close with a brief jerk. When reaching the required lower limit position, release the 'down' button (corrections +/- are possible at any time!)

3. Press 'up' and 'down' simultaneously

Succesful programming is indicated by a slight back and forward movement of the awning. The programming mode is deactivated. The lower limit has been set.
Remove installation cable and connect motor according to wiring diagram !

Attention: only for changing the lower limit

Run awning to any intermediate position. Press 'up' and 'down' simultaneously.
Succesful reactivating of the programming mode is indicated by a light back and forward movement of the awning. To re-adjust the lower limit follow steps 1-3.

NOTE:
Due to the relays integrated into the elero CSM-E awning drives, it is possible to connect the motors in parallel. However, when connected in parallel, the maximum switching capacity of the switches, pushbuttons, timers, etc. must be observed. Control units with limit switchdetection cannot be used with the CSM-E awning drives. These controls would immediately switch off the motor. Please send for information about control systems for CSM-E awning drives.

TECHNICAL DATA B25- B28 (ELITE) / B26 ELITE / B27

A. NUMBER OF ARMS

	FABRIC IN ONE PART							FABRIC IN TWO PARTS					THREE PARTS
W. / Ext.	2,05-2,50	2,51-3,00	3,01-3,50	3,51-4,00	4,01-5,50	5,51-6,00	6,01-6,50 (7,00)	7,01-8,00	7,50-8,00	8,01-10	10,01-11	11,01-12	>12-13
1,50	2	2	2	2	2	3 (2*)	3	4	4	4	4	4	6
2,00	/	2	2	2	2	3 (2*)	3	4	4	4	4	4	6
2,50	/	/	2	2	2	3 (2*)	3	4	4	4	4	6	6
3,00	/	/	2	2	2	3 (2*)	3	/	4	4	4	6	6
3,50**	/	/	/	/	2	3 (2*)	3	/	/	4 (>8,50)	/	/	/
3,75**	/	/	/	/	2 (>4,50)	/	3 (6,50)	/	/	4 (>9,00)	/	/	/

(* possible with 2 arms only for awning in fabric class 1 & 2)(** Elite versions)

B. NUMBER AND LENGTH OF WALL BRACKETS

	FABRIC IN ONE PART						FABRIC IN TWO PARTS				3 PARTS
Largeur / Avancée	2,05-3,50	3,51-4,00	4,01-5,50	5,51-6,50 3 arms	5,51-6,50 2 arms	6,51-7,00	7,01-8,00	8,01-11,00	11,01-12,00	12,01-13,00	12,01-13,00
1,50m	2x300	2x300	2x500 1x100	2x500 1x300	2x500 1x100	2x500 1x300 1x100	2x300 1x1000	2x500 1x1000 2x100	2x500 1x1000 2x100		2x500 2x1000 3x300
2,00m	2x300	2x300	2x500 1x100	2x500 1x300	2x500 1x100	2x500 1x300 1x100	2x300 1x1000	2x500 1x1000 2x100	2x500 1x1000 2x100		2x500 2x1000 3x300
2,50m	2x300	2x300	2x500 1x100	2x500 1x300	2x500 1x300	2x500 1x300 1x100	2x300 1x1000	2x500 1x1000 2x100		2x500 1x1000 2x300	2x500 2x1000 3x300
3,00m		2x300	2x500 1x100	2x500 1x300	2x500 1x300	2x500 1x300 1x100	2x300 1x1000	2x500 1x1000 2x100		2x500 1x1000 2x300	2x500 2x1000 3x300
3,50m		2x500 1x100	2x500 1x100	2x500 1x300	2x500 1x300	2x500 1x300 1x100		2x500 1x1000 2x100			
3,75m		2x500 1x100	2x500 1x100	2x500 1x300	2x500 1x300	2x500 1x300 1x100		2x500 1x1000 2x100			

C. NUMBER AND LENGTH OF CEILING BRACKETS

	FABRIC IN ONE PART					FABRIC IN TWO PARTS				3 PARTS
Largeur / Avancée	2,05-3,50	3,51-4,00	4,01-5,50	5,51-6,50	6,51-7,00	7,01-8,00	8,01-11,00	11,01-12,00	12,01-13,00	12,01-13,00
1,50m	2x100 1x50	2x100 1x50	2x100 3x50	3x100 2x50	3x100 3x50	5x100	5x100 4x50	5x100 4x50		8x100 5x50
2,00m	2x100 1x50	2x100 1x50	2x100 3x50	3x100 2x50	3x100 3x50	5x100	5x100 4x50	5x100 4x50		8x100 5x50
2,50m	2x100 1x50	2x100 1x50	2x100 3x50	3x100 2x50	3x100 3x50	5x100	5x100 4x50		7x100 4x50	8x100 5x50
3,00m		2x100 1x50	2x100 3x50	3x100 2x50	3x100 3x50	5x100	5x100 4x50		7x100 4x50	8x100 5x50
3,50m		2x100 3x50	2x100 3x50	3x100 2x50	3x100 3x50		5x100 4x50			
3,75m		2x100 3x50	2x100 3x50	3x100 2x50	3x100 3x50		5x100 4x50			

D. MINIMUM AWNING WIDTH ACCORDING TO THE ARMLENGTH

2 arms*

Extension	Motor	Gear
4.00	4400	4420
3.75	4200	4220
3.50	3950	3970
3.00	3440	3460
2.50	2960	2980
2.00	2530	2550
1.50	2010	2030
1.00	1400	1420

3 arms*

4.00	6750
3.75	6280
3.50	5930
3.00	5165
2.50	4480
2.00	3850
1.50	3050

* For electric motor, the minimum awning width for MANUAL OVERRIDE is + 15cm !

4 arms (1 part)

3.00	7000
2.50	6050
2.00	5100
1.50	4050

5 arms (1 part)

2.50	7500
2.00	6500
1.50	5050

6 arms (1 part)

1.50	6200

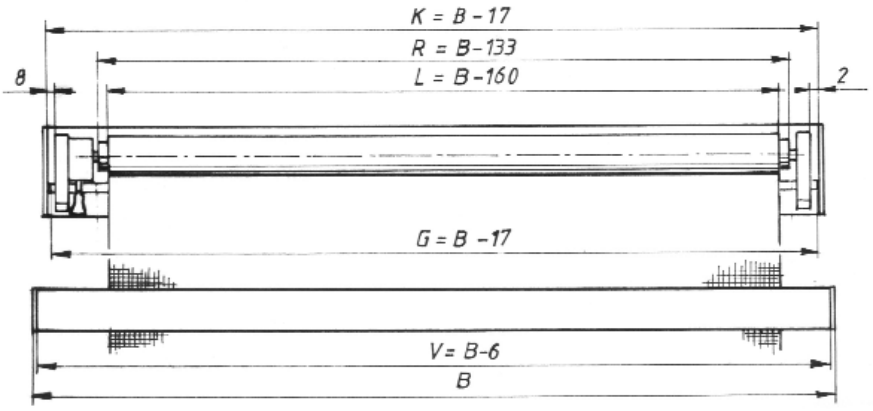
4 arms (2 parts)

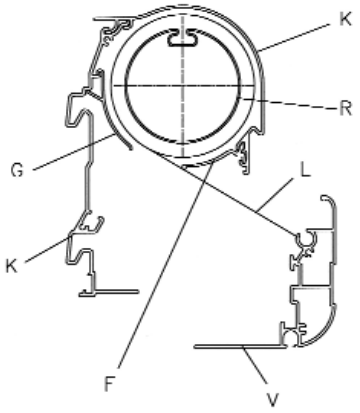
		without intermediate tube or fabric in 1 part (B35)
4.00	9320	9000
3.75	8850	8530
3.50	8320	8000
3.00	7320	7000

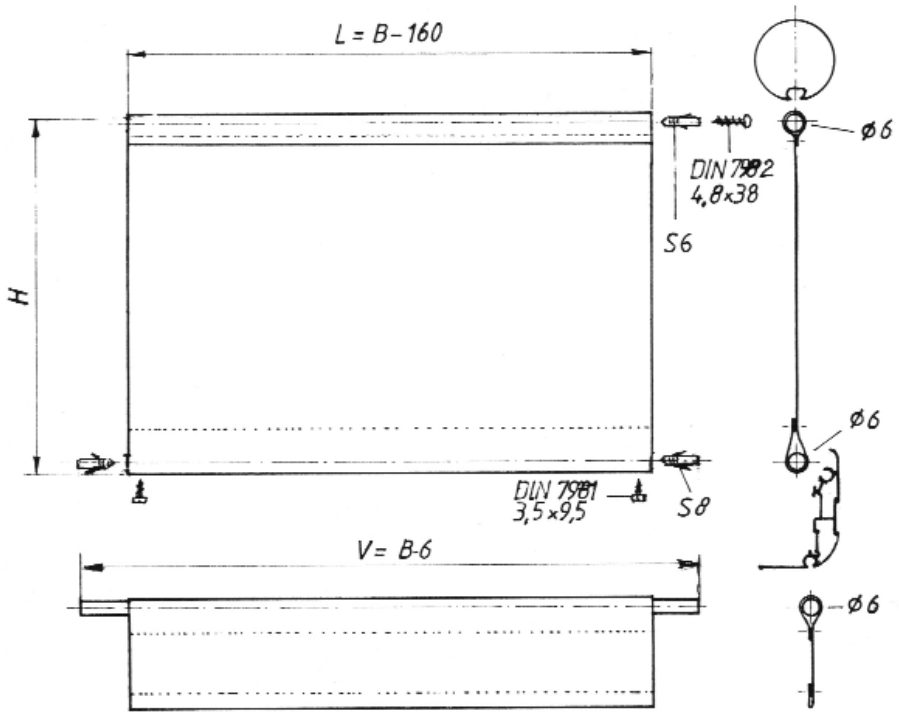
E. TYPE OF ELECTRIC MOTOR

NUMBER OF ARMS	MOTOR (Nm)
2	40
3	55
4	70
6	100

F. MANUFACTURING DIMENSIONS







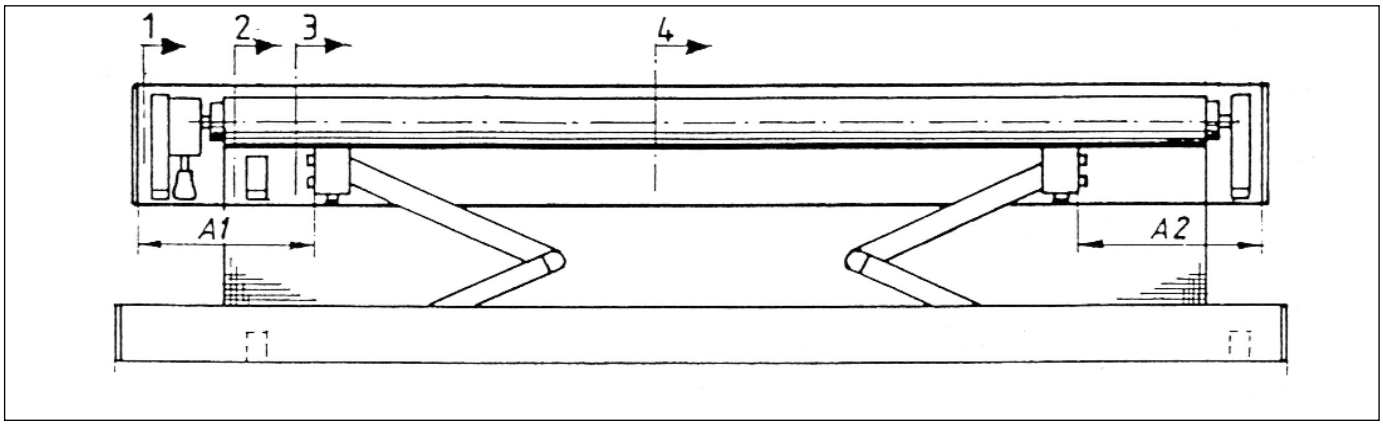
EXTENSION	HEIGHT FABRIC
Ext.	H=Ext.+250
1,50	1750
2,00	2250
2,50	2750
3,00	3250
3,50 Elite	3675
3,75 Elite	4000

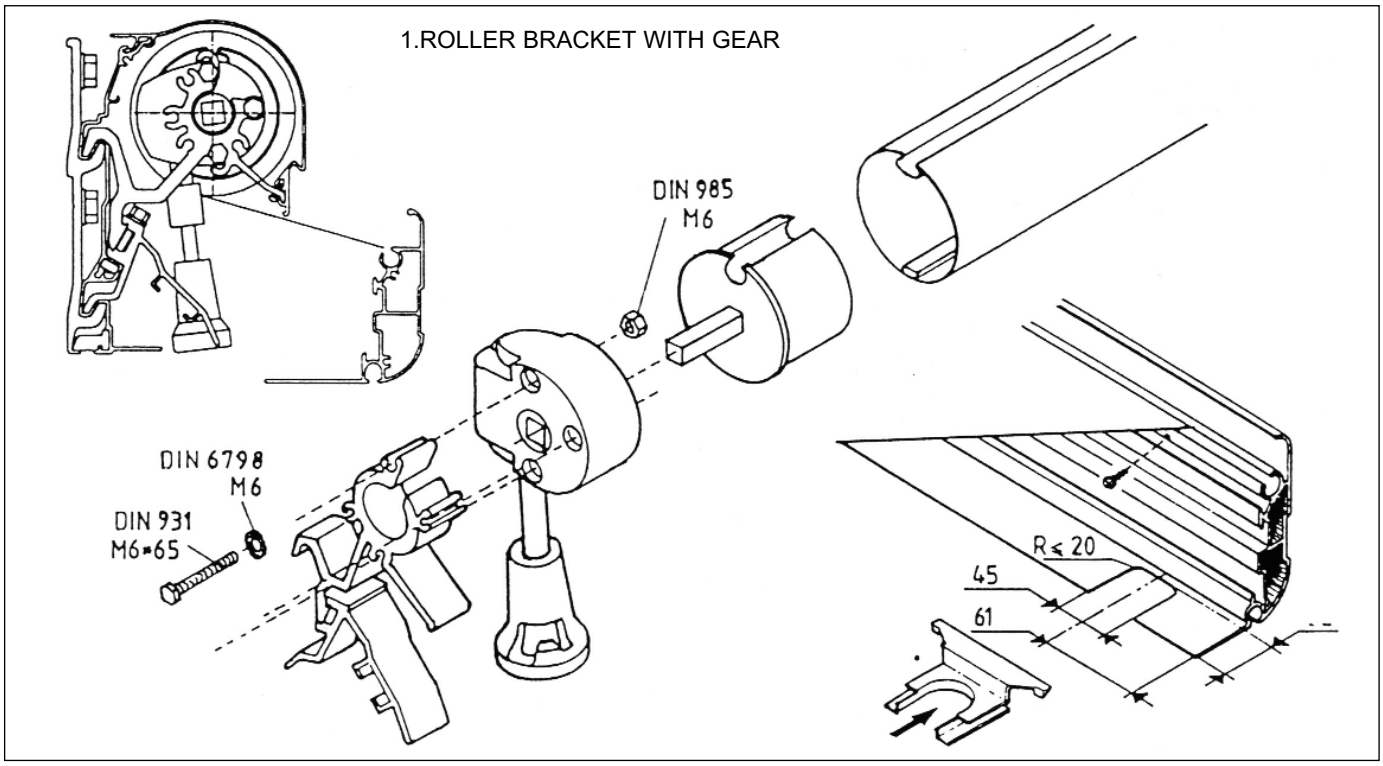
B= Length awning
V= Length frontprofile
G= Length gliding gutter
F= Length frontal gliding gutter
K= Box length
R= Length roller tube
L= Fabric width

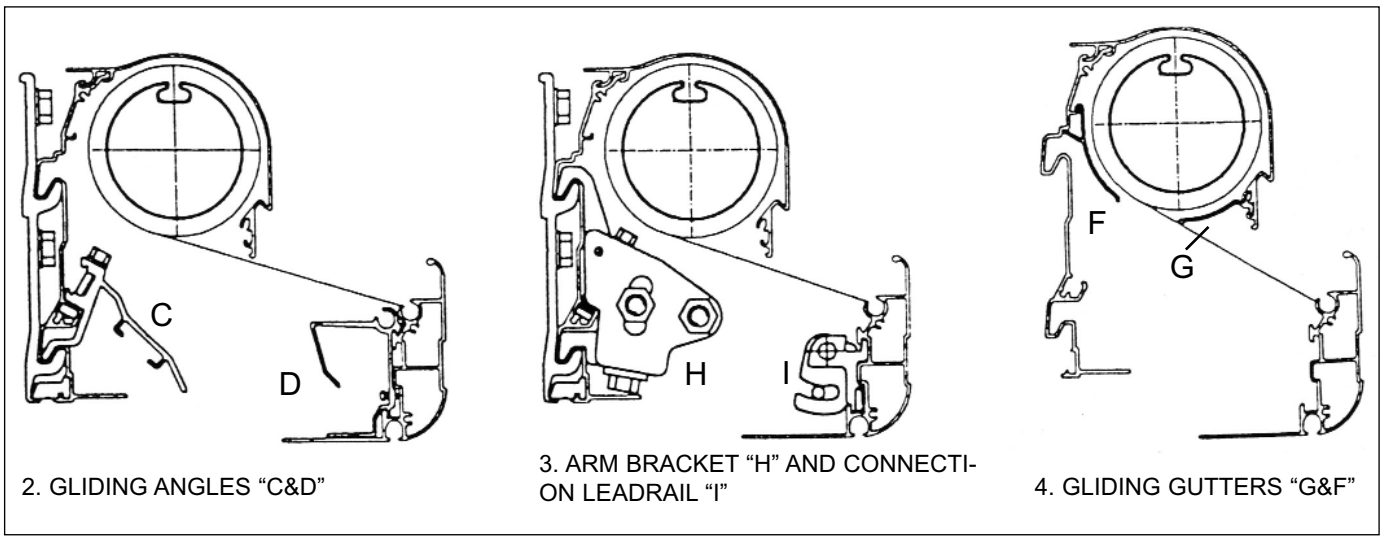
LENGTH	LENGTH PROFILES (with motor) (Somfy or Elero)					FABRIC WIDTH with motor S or E
B	K=B-17	V=B-6	R=B-133 (-123)	G=B-17*	F=B-127*	L=B-155 (-145)
2,50	2483	2494	2367 (2377)	-	-	2345 (2355)
3,00	2983	2994	2867 (2877)	-	-	2845 (2855)
3,50	3483	3494	3367 (3377)	-	-	3345 (3355)
4,00	3983	3994	3867 (3877)	-	-	3845 (3855)
4,50	4483	4494	4367 (4377)	-	-	4345 (4355)
5,00	4983	4994	4867 (4877)	-	-	4845 (4855)
5,50	5483	5494	5367 (5377)	-	-	5345 (5355)
6,00	5983	5994	5867 (5877)	5983*	5873*	5845 (5855)
6,50	6483	6494	6367 (6377)	6483	6373	6345 (6355)
7,00	6983	6994	6867 (6877)	6983	6873	6845 (6855)

*Gliding gutters only if awning has 3 arms.

G. ASSEMBLING OF A SINGLE AWNING





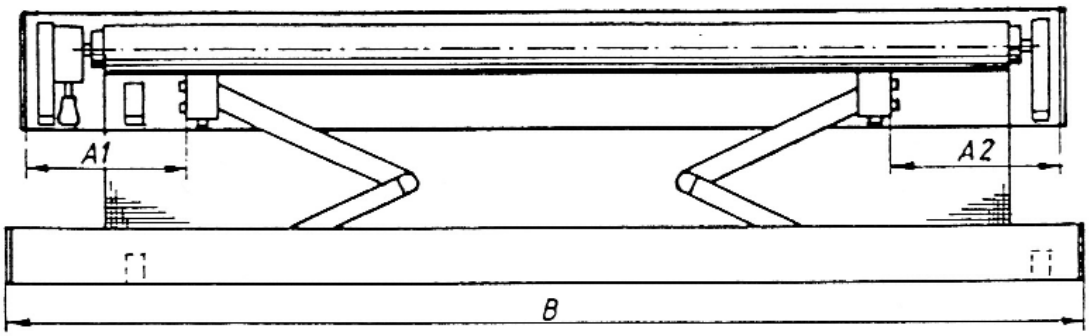


2. GLIDING ANGLES “C&D”

3. ARM BRACKET “H” AND CONNECTI-ON LEADRAIL “I”

4. GLIDING GUTTERS “G&F”

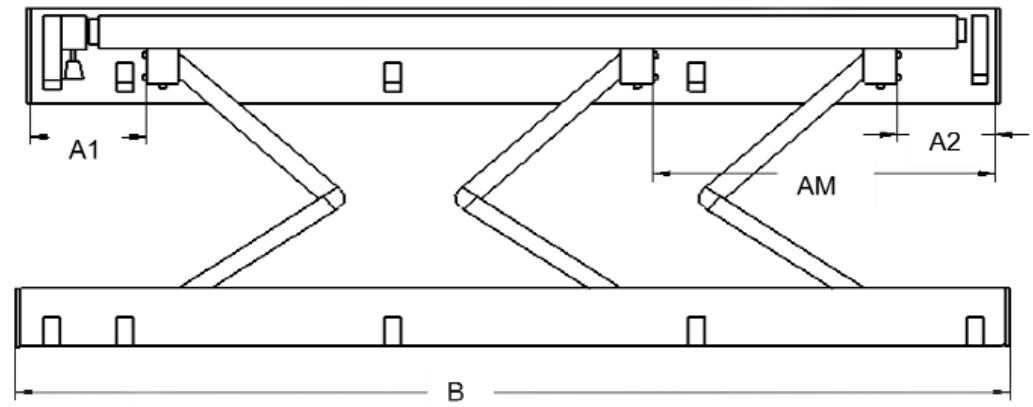
H. POSITIONING ARMBRACKETS - FABRIC IN ONE PART - TWO ARMS



	E=1,50		E=2,00		E=2,50		E=3,00	
L(m)	A1	A2	A1	A2	A1	A2	A1	A2
2,05-2,50	150-250	70-250						
2,51-3,00	250	250	150-250	70-250				
3,01-3,51	250	250	250	250	150-250	70-250	120	120
3,52-4,00	250	250	250	250	250	250	150-250	70-250
4,01-5,50	400	400	400	400	400	400	400	400
5,51-6,00	400	400	400	400	400	400	400	400
	E=3,50 (ELITE)		**E=3,75 (ELITE)**					
L(m)	A1	A2	A1	A2				
4,00-4,20	120	60-120	-	-				
4,21-4,50	120-250	60-250	-	-				
4,51-5,50	250-400	250-400	400	400				
5,51-6,00	400	400	400	400				

*Only for width B of 3.50 - 3.60m.
GLIDING ANGLES: From B>3.50m a gliding angle is put at each side and from B>4.00m onwards, also in the middle.

I. POSITIONING ARMBRACKETS - FABRIC IN ONE PART - THREE ARMS



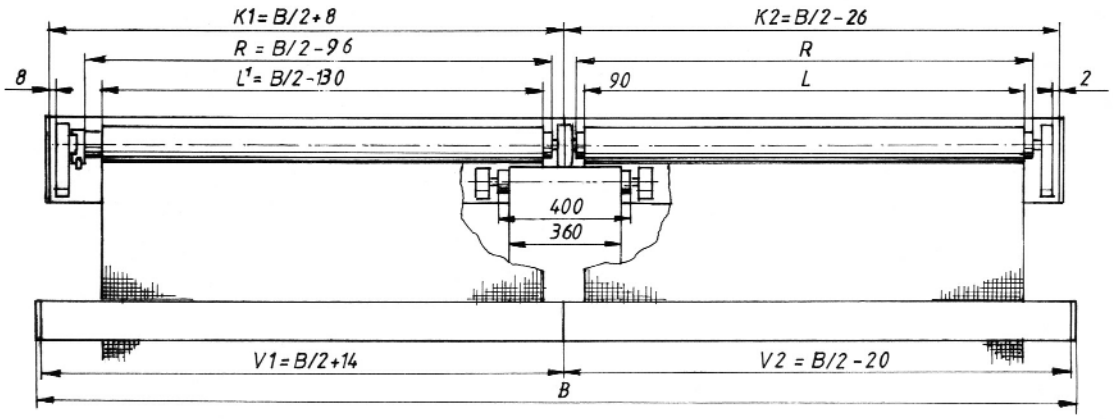
	E=1,50			E=2,00		
B(m)	A1	A2	AM=B-2200	A1	A2	AM=B-2710
(3,22-3,98)	150-250	70-250	1200-1780			
(3,99*-4,69)	250	250	1780-2350	150*-250	70-250	1450-1970
(4,70-5,38)	250	250	2350-2690	250	250	1970-2660
(5,39-5,50)	250	250	2690-2750	250	250	2660-2750
(5,51-6,00)	250	250	2750-3000	250	250	2750-3000
6,01-6,50	250	250	3000-3250	250	250	3000-3250
6,51-7,00	250	250	3250-3500	250	250	3250-3500

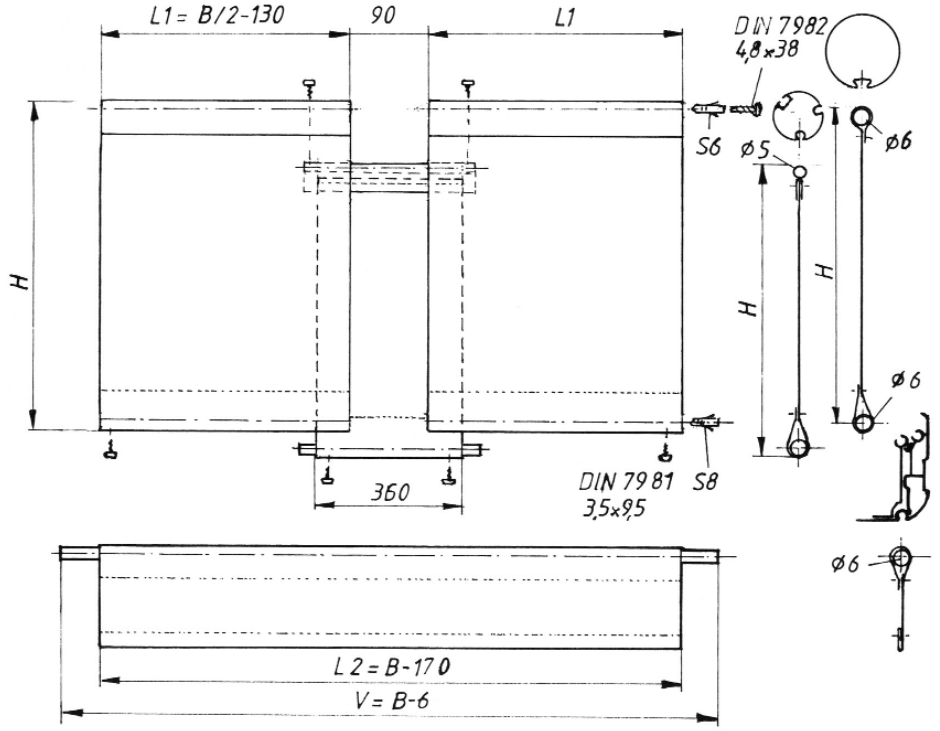
	E=2,50			E=3,00		
B(m)	A1	A2	AM=B-3180	A1	A2	AM=B-3650
(4,70*-5,38)	150*-250	60-250	1690-2190			
(5,39*-5,50)	250	250	2190-2310	150	70-150	1740-1860
5,51-6,00	250	250	2310-2810	150*-250	150-250	1860-2350
6,01-6,50	250	250	2810-3320	250	250	2350-2850
6,51-7,00	250	250	3320-3820	250	250	2850-3350

	E=3,50 (ELITE)			**E=3,75 (ELITE)**		
B(m)	A1	A2	AM=B-4180	A1	A2	AM=B-3960
6,00*-6,50	120*-250	60-250	2050-2280	200	200	2540
6,50*-7,00	250	250	2280-2820	250	250	2540-3040

*For electric motor, the minimum width is less 5 cm and A1 minimum 100.
GLIDING ANGLES: From B> 4.00m a gliding angle is put between each arm.
MIDDLE ARM: the middle arm is as standard a RIGHT arm. Please indicate if this should be a LEFT arm.

J. MANUFACTURING DIMENSIONS



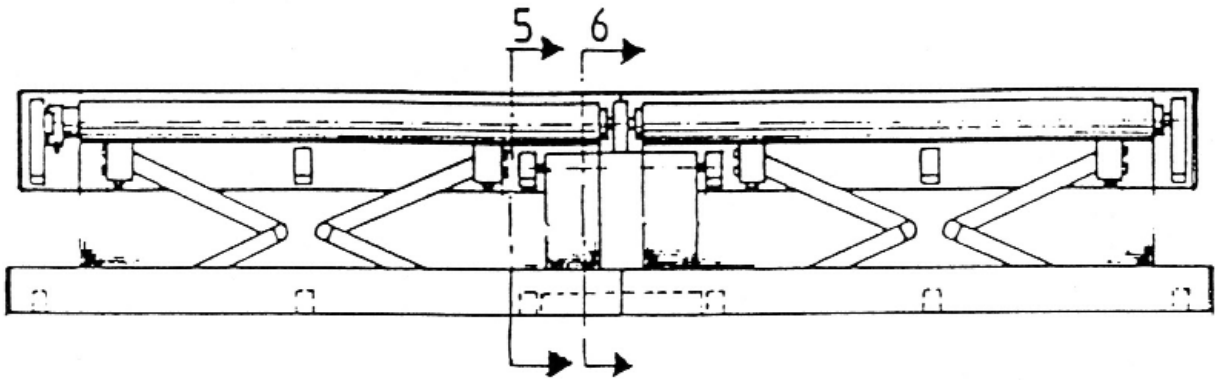


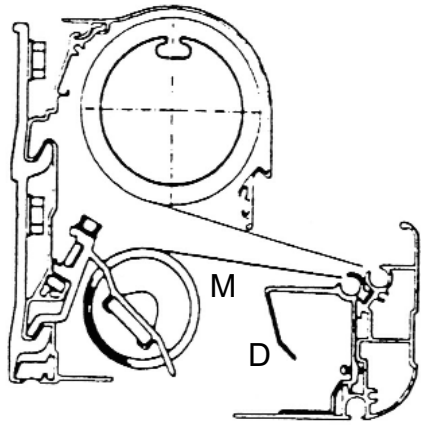
EXTENSION	HEIGHT FABRIC
E	H=E+250
1,50	1750
2,00	2250
2,50	2750
3,00	3250
3,50 Elite	3675
3,75 Elite	4000

B= Length awning
R= Length roller tube
L1= Fabric width
L2= Length valance
Kn*= Box length
Vn*= Length frontprofile
*n=1 = Part containing the drive
n=2 = Part without drive

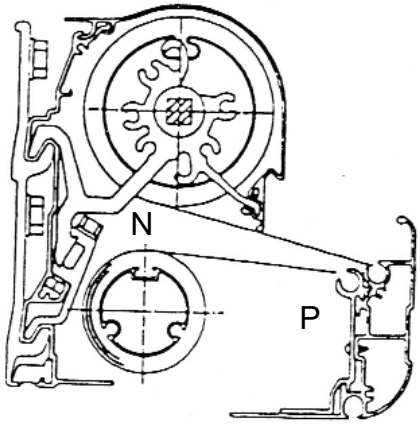
LENGTH	LENGTH PROFILES					FABRIC WIDTH	VALANCE
	MOTOR		MOTOR				
B	K1=B/2+8	K2=B/2-26	V1=B/2+14	V2=B/2+20	R=B/2-96	L1=B/2-130	L2=B-170
7,00	3508	3474	3514	3480	3404 (3414)	3370	6830
8,00	4008	3974	4014	3980	3904 (3914)	3870	7830
9,00	4508	4474	4514	4480	4404 (4414)	4370	8830
10,00	5008	4974	5014	4980	4904 (4914)	4870	9830
11,00	5508	5474	5514	5480	5404 (5414)	5370	10830
12,00	6008	5974	6014	5980	5904 (5914)	5870	11830
13,00	6508	6474	6514	6480	6404 (6414)	6370	12830

K. ASSEMBLING OF A COUPLED AWNING

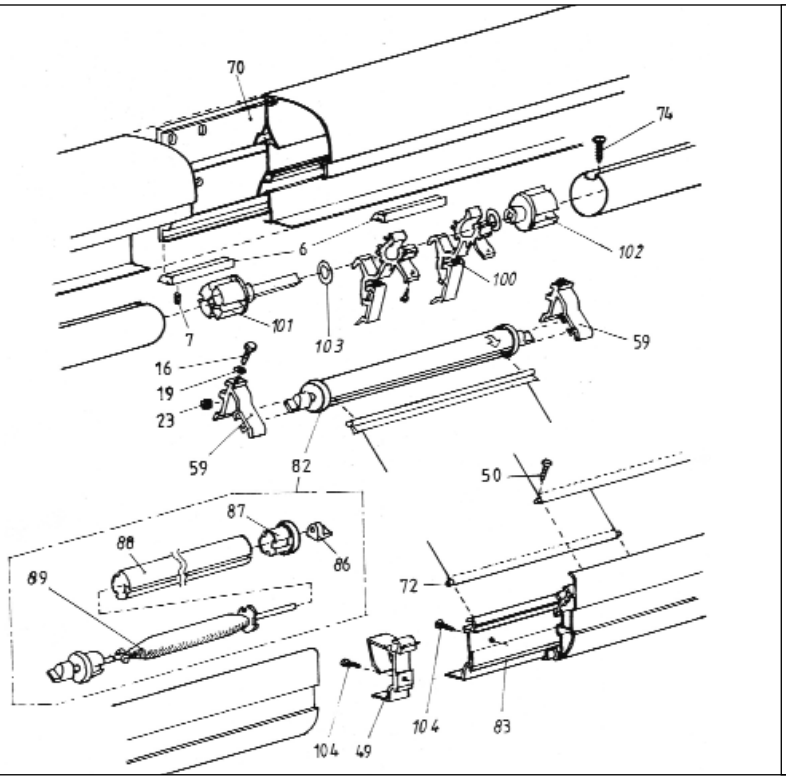


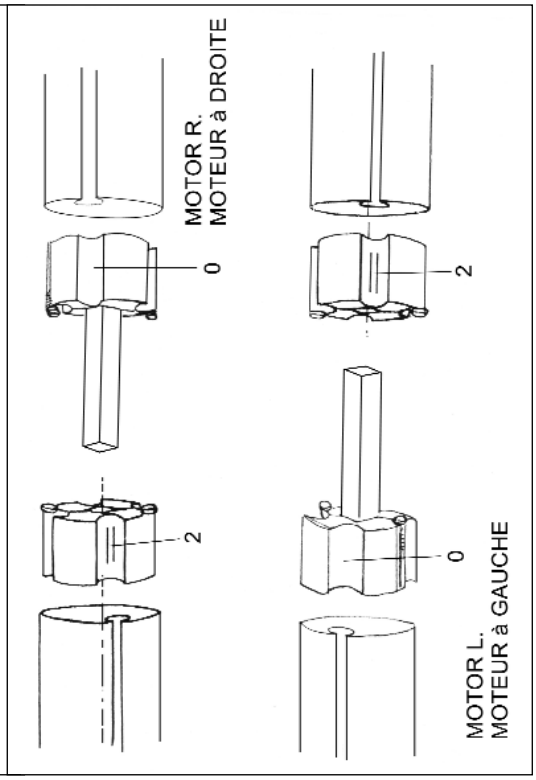


5. BRACKET INTERMEDIATE TUBE “M” AND GLIDING ANGLE “D”

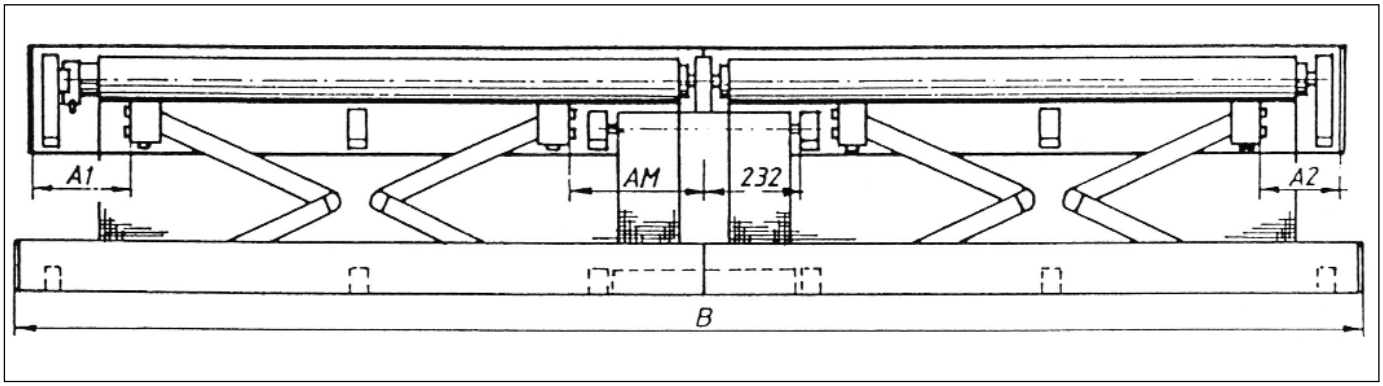


6. MIDDLE ROLLER TUBE BRACKET “N” AND COUPLING PROFILE “P”





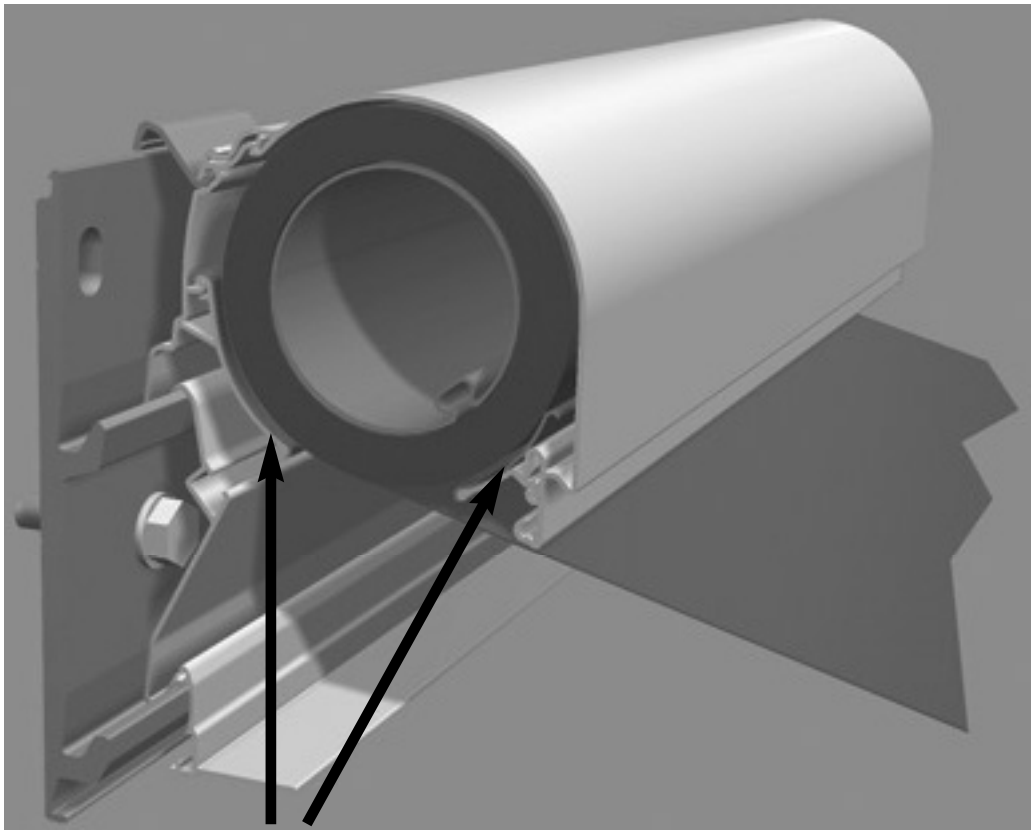
L. POSITIONING ARMBRACKETS - FABRIC IN TWO PARTS - FOUR ARMS



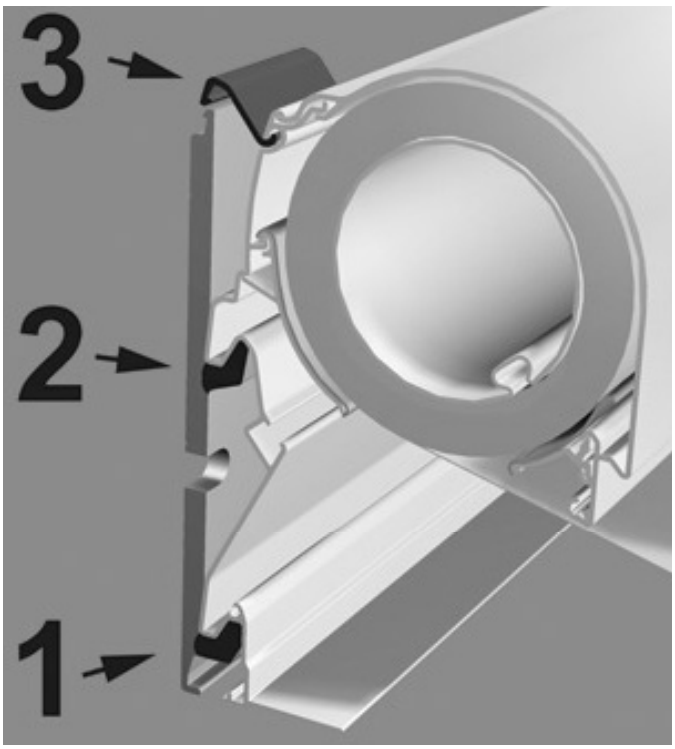
	E=1,50 & 2,00			E=2,50			E=3,00		
B(m)	A1	A2	AM	A1	A2	AM	A1	A2	AM
6,51*-7,00	250	250	310	100-250	70-250	310			
7,01-7,50	250	250	310	250	250	310			
7,51*-8,50	250	250	310	250	250	310	100-250	70-250	310
8,51-9,50	400	400	400	400	400	400	250-400	250-400	310-400
9,51-11,00	400	400	400	400	400	400	400	400	400
11,01-12,00	400	400	400	/	/	/	/	/	/

	E=3,50 (ELITE)			**E=3,75 (ELITE)**		
B(m)	A1	A2	AM	A1	A2	AM
8,50*-9,50	120*-250	70-250	310	120-250	70-250	310
9,51-11,00	400	400	400	400	400	400

*For construction without intermediate fabric, the minimum awning width is less 41 cm.
GLIDING ANGLES: From B> 8.00m a gliding angle is put between the arms.

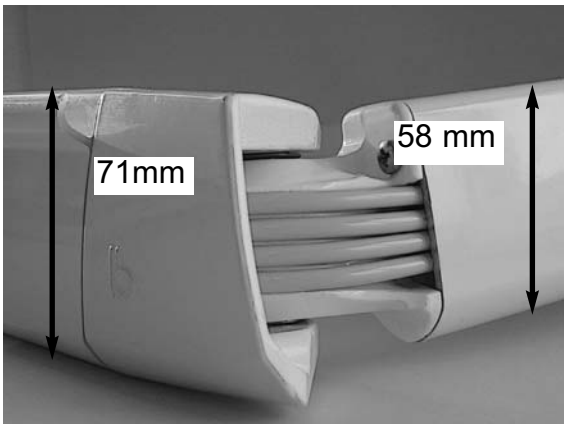


A new PVC protection on the roller tube support ensures an optimal gliding for awnings with 3 arms in B25 / B28 / B26 / B27 as well as in Elite awnings.



Third fixation profile B25 Elite

ARMS B25 - B28 (Elite), B26 Elite, B27

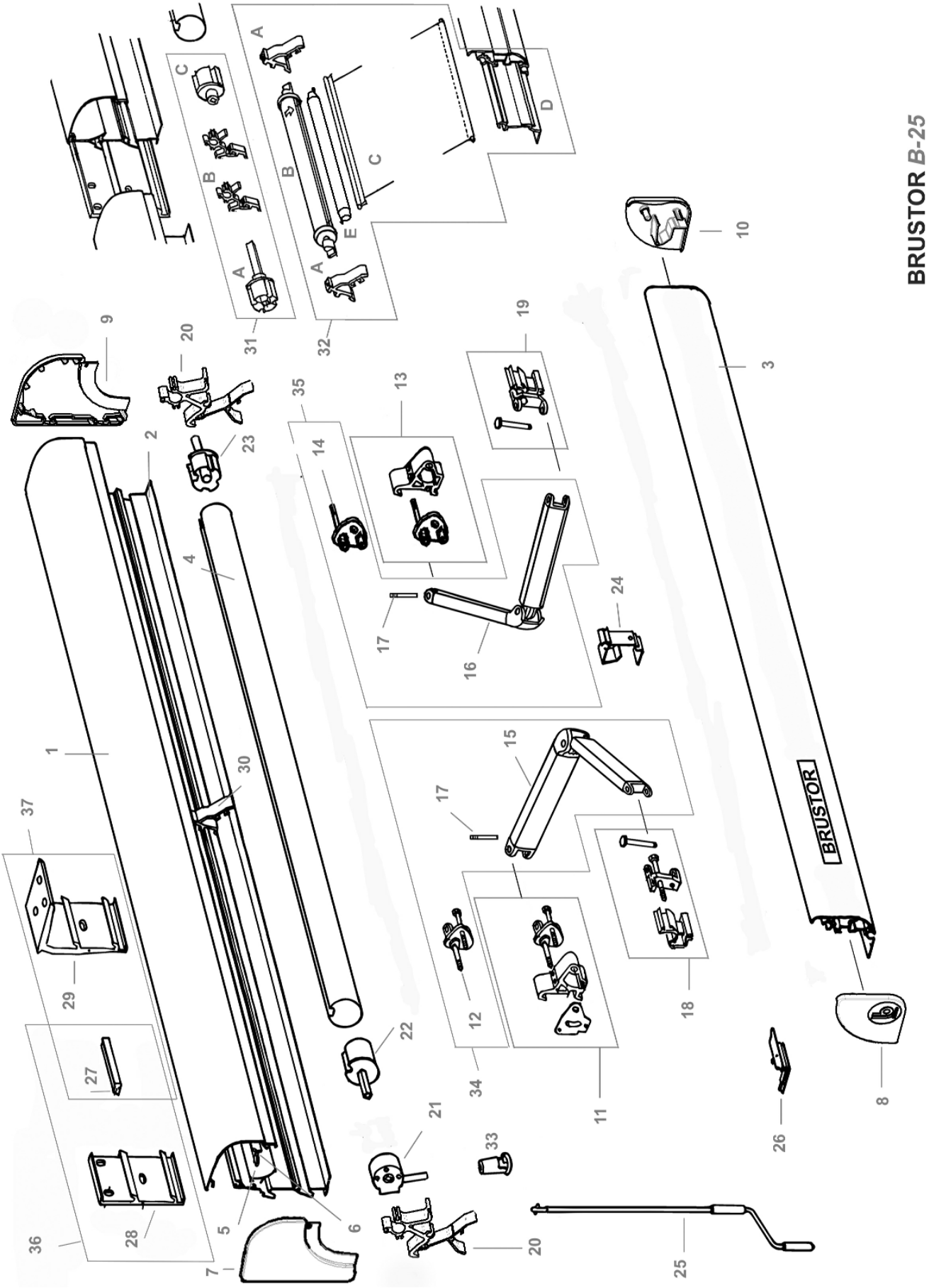


Arms 3m / 3,5m / 3,75m projection for B25 - B28 Elite, B26 Elite and 3m / 3,5m / 4m for B35 (and 3m for B35V) are provided with 4 cables for an optimal fabric tension.

After depletion of the arm supply, all awning arms (1,5m 2m 2,5m 3m 3,5m 3,75m) for B25/B28 (ELITE), B26 (ELITE), B27, B35 (4m), B35V, B40 will be provided with a cable gutter.

Attention !!! On B35, B35V and B40 is the installation of the Led-Light kit not possible!

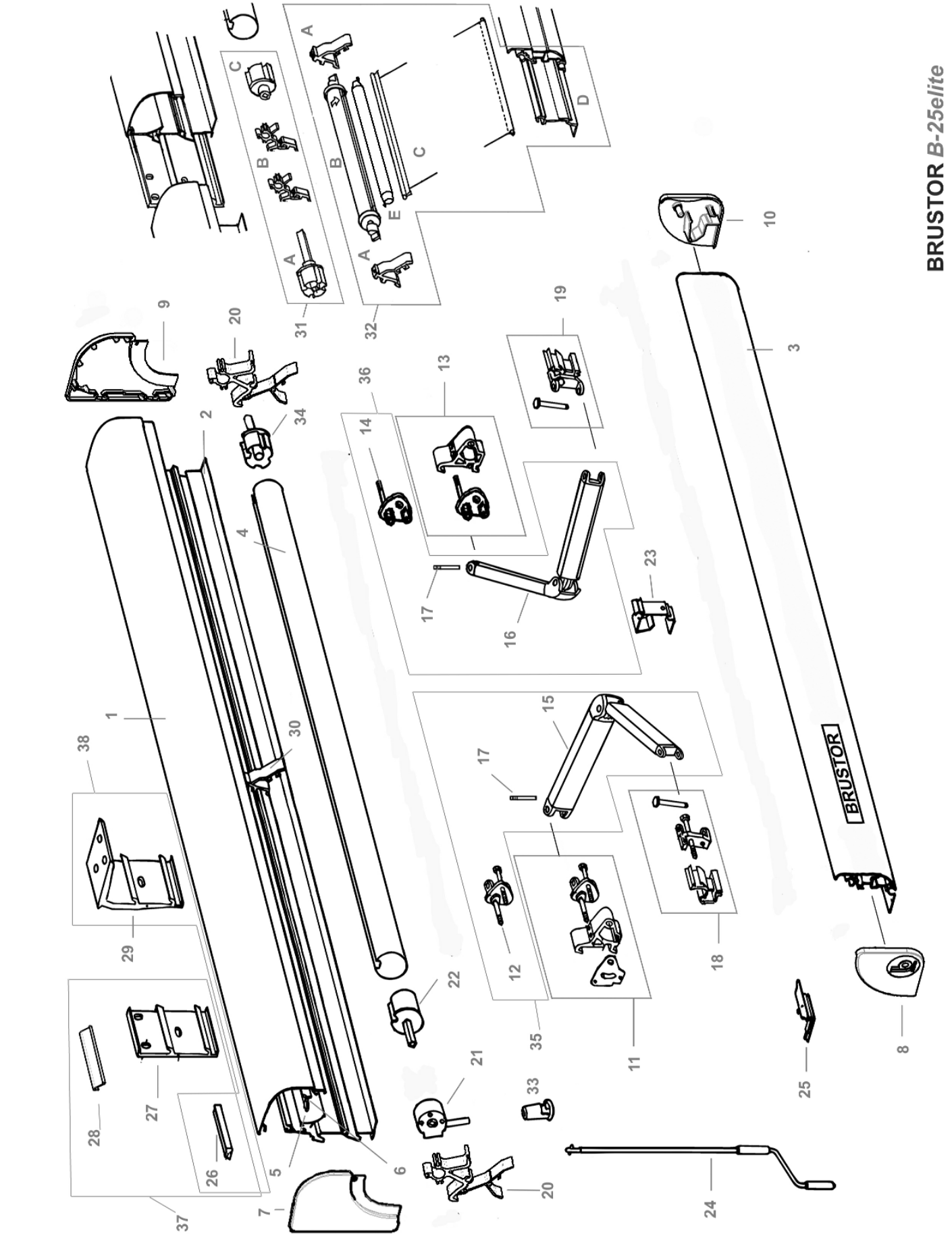
EXPLODED VIEW B25 - B28



SPARE PARTS LIST B25 - B28

POS.	DESCRIPTION	ART.N°
1	B25 COVER MAIN HOUSING 4,50 m	6000001
1	B25 COVER MAIN HOUSING 5,50 m	6000002
1	B25 COVER MAIN HOUSING 7,00 m	6000003
2	B25 BACK HOUSING 4,50 m	6000004
2	B25 BACK HOUSING 5,50 m	6000005
2	B25 BACK HOUSING 7,00 m	6000006
3	B25 LEADRAIL 4,50 m	6000007
3	B25 LEADRAIL 5,50 m	6000008
3	B25 LEADRAIL 7,00 m	6000009
4	B25 ROLLERTUBE D78	6000010
5	B25 BACK HOUSING GUTTER	6000011
6	B25 COVER HOUSING GUTTER	6000012
7	B25 ENDPLATE HOUSING LH	6000013
8	B25 ENDPLATE LEADRAIL LH	6000014
9	B25 ENDPLATE HOUSING RH	6000015
10	B25 ENDPLATE LEADRAIL RH	6000016
11	B25 ARMSUPPORT LH	6000017
11	B25 ARMSUPPORT LH 3,50 m REPAIRS ONLY !!!	6000018
12	B25 ROTATION PLATE LH	6000019
12	B25 ROTATION PLATE LH 3,50 m REPAIRS ONLY !!	6000020
13	B25 ARMSUPPORT RH	6000021
13	B25 ARMSUPPORT RH 3,50 m REPAIRS ONLY !!!	6000022
14	B25 ROTATION PLATE RH	6000023
14	B25 ROTATION PLATE RH 3,50 m REPAIRS ONLY !!	6000024
15	B25 ARM 1,5 LH	6000025
15	B25 ARM 2,0 LH	6000026
15	B25 ARM 2,5 LH	6000027
15	B25 ARM 3,0 LH	6000028
15	B25 ARM 3,5 LH REPAIRS ONLY !!!	6000029
16	B25 ARM 1,5 RH	6000030
16	B25 ARM 2,0 RH	6000031
16	B25 ARM 2,5 RH	6000032
16	B25 ARM 3,0 RH	6000033
16	B25 ARM 3,5 RH REPAIRS ONLY !!!	6000034
17	B25 ROTATION AXLE	6000035
18	B25 CONNECTION LEADRAIL LH	6000036
19	B25 CONNECTION LEADRAIL RH	6000037
20	B25 ROLLERTUBE SUPPORT	6000038
21	B25 GEAR ASSY	6000039
22	B25 TUBE BUSH OPERATION SIDE	6000040
23	B25 TUBE BUSH BEARING SIDE	
24	B25 COUPLING PROFILE	6000042
25	B25 ADJUSTABLE HANDCRANK	6000043
25	B25 HANDCRANK 1,4m	6000044
25	B25 HANDCRANK 1,6m	6000045
25	B25 HANDCRANK 1,8m	6000046
26	B25 HORSESHOE COVER	6000047
27	B25 BLOCKING 100mm	6000048
27	B25 BLOCKING 50mm	6000049
28	B25 WALL ADAPTER 100 mm	6000050
28	B25 WALL ADAPTER 295 mm	6000051
28	B25 WALL ADAPTER 495 mm	6000052
28	B25 WALL ADAPTER 995 mm	6000053
29	B25 CEILING ADAPTER 50 mm	6000054
29	B25 CEILING ADAPTER 100 mm	6000055
30	B25 GLIDING ANGLE	6000056
31	B25 COUPLING SET ROLLER TUBE	6000058
32	B25 COMPLETE SET INTERMEDIATE TUBE	6000057
33	B25 COUPLING FUNNEL	

EXPLODED VIEW B25 - B28 ELITE



SPARE PARTS LIST B25 - B28 ELITE

POS.	DESCRIPTION	ART.N°
1	B25 ELITE COVER MAIN HOUSING 4,50 m	6000647
1	B25 ELITE COVER MAIN HOUSING 5,50 m	6000648
1	B25 ELITE COVER MAIN HOUSING 7,00 m	6000649
2	B25 ELITE BACK HOUSING 4,50 m	6000650
2	B25 ELITE BACK HOUSING 5,50 m	6000651
2	B25 ELITE BACK HOUSING 7,00 m	6000652
3	B25 ELITE LEADRAIL 4,50 m	6000653
3	B25 ELITE LEADRAIL 5,50 m	6000654
3	B25 ELITE LEADRAIL 7,00 m	6000655
4	B25 ELITE ROLLERTUBE D78	6000656
5	B25 ELITE BACK HOUSING GUTTER	6000657
6	B25 ELITE COVER HOUSING GUTTER	6000658
7	B25 ELITE ENDPLATE HOUSING LH	6000659
8	B25 ELITE ENDPLATE LEADRAIL LH	6000664
9	B25 ELITE ENDPLATE HOUSING RH	6000660
10	B25 ELITE ENDPLATE LEADRAIL RH	6000665
11	B25 ELITE ARMSUPPORT LH	6000668
11	B25 ELITE ARMSUPPORT LH 3,75 m	6000672
12	B25 ELITE ROTATION PLATE LH	6000670
12	B25 ELITE ROTATION PLATE LH 3,75 m	6000674
13	B25 ELITE ARMSUPPORT RH	6000669
13	B25 ELITE ARMSUPPORT RH 3,75 m	6000673
14	B25 ELITE ROTATION PLATE RH	6000671
14	B25 ELITE ROTATION PLATE RH 3,75 m	6000675
15	B25 ELITE ARM 1,50 m LH	6000676
15	B25 ELITE ARM 2,00 m LH	6000678
15	B25 ELITE ARM 2,50 m LH	6000027
15	B25 ELITE ARM 3,00 m LH	6000028
15	B25 ELITE ARM 3,50 m ELITE LH	6000029
15	B25 ELITE ARM 3,75 m ELITE LH	
16	B25 ELITE ARM 1,50 m RH	6000030
16	B25 ELITE ARM 2,00 m RH	6000031
16	B25 ELITE ARM 2,50 m RH	6000032
16	B25 ELITE ARM 3,00 m RH	6000033
16	B25 ELITE ARM 3,50 m ELITE RH	6000034
16	B25 ELITE ARM 3,75 m ELITE RH	
17	B25 ELITE ROTATION AXLE	6000035
18	B25 ELITE CONNECTION LEADRAIL LH	6000036
19	B25 ELITE CONNECTION LEADRAIL RH	6000037
20	B25 ELITE ROLLERTUBE SUPPORT	6000691
21	B25 ELITE GEAR ASSY	6000692
22	B25 ELITE TUBE BUSH OPERATION SIDE	6000693
23	B25 ELITE TUBE BUSH BEARING SIDE	
24	B25 ELITE COUPLING PROFILE	6000694
25	B25 ELITE HANDCRANK 1,4m	6000696
25	B25 ELITE HANDCRANK 1,6m	6000697
25	B25 ELITE HANDCRANK 1,8m	6000698
26	B25 ELITE HORSE SHOE COVER	6000700
27	B25 ELITE BLOCKING 100mm	6000701
27	B25 ELITE BLOCKING 50mm	6000702
28	B25 ELITE WALL ADAPTER 100 mm	6000703
28	B25 ELITE WALL ADAPTER 295 mm	6000704
28	B25 ELITE WALL ADAPTER 495 mm	6000705
28	B25 ELITE WALL ADAPTER 995 mm	6000706
	B25 ELITE THIRD HOOK PIECE 100 mm	
29	B25 ELITE CEILING ADAPTER 50 mm	6000707
29	B25 ELITE CEILING ADAPTER 100 mm	6000708
30	B25 ELITE GLIDING ANGLE	6000710
31	B25 ELITE COUPLING SET ROLLER TUBE	6000711
32	B25 ELITE COMPLETE SET INTERMEDIATE TUBE	6000712

TROUBLE SHOOTING B25 - B28

PROBLEM	CAUSE	SOLUTION
Leadrail does not close completely over the full length when cranking in the awning	Motor is incorrectly adjusted Deformation of coupling profile and/or gliding angle	Finetune the motor end switch settings Change or bend the gliding profiles
Leadrail enters too low or too high (below or above the gliding angles)	front part of the spring arm is too low or too high (elbow socket)	Change the spring arm
Leadrail does not close properly on one side when closing the awning	Dirt on the fabric when awning is retracted. Fabric is not square or diameter roller tube is not equal over the total length	Clean and remove dirt from fabric. Wind adhesive tape around roller tube on the side that does not close properly
Leadrail does not close locally	Wall brackets are incorrectly installed	Install the wall brackets behind the spring arms in line. Fix the blocks correctly behind the arm positions.
Spring arm elbow hangs too low	Arm support is not installed vertically. Too much tolerance on the hinging parts of the spring arms	Adjust the arm support by installing it under the rotation plate Change the spring arm
Motor does not operate when switched on	Safety cut out No electric current available Electric control not operational Motor out of order	Check cables and fuses Change electronic control Change motor
Electric awning can not be closed when motor is switched on	Gear assy in motor is faulty	Replace faulty gear assy
Fabric makes diagonal wrinkles	Too much tension on the fabric	Loosen the screws holding the fabric to the lead rail
Change the fabric		Open the awning completely, remove the end plate main housing and leadrail, by preference the side opposite the operation (motor or gear). Mark the fabric position on the leadrail and the roller tube. Unroll the fabric completely over the lower end so that the roller tube is visible.

PROBLEM	CAUSE	SOLUTION
		Loosen the fabric screws on the leadrail. Remove the support of the roller tube (part 20 of the exploded view), by preference the side opposite the operation (motor or gear). Remove the fabric bar of the roller tube and the leadrail. Attention! At this moment the fabric is no longer supported by the awning. Now you can pull out the fabric. To replace the fabric, slide the fabric ends with the bar into the joints of the roller tube and the leadrail up to the markings. Replace the supports of the roller tube. Roll up the fabric by closing the awning. Open the awning again and attach the fabric screws back on the leadrail. Check if the awning works properly. Reattach the end plates.
Change the motor		Open the awning about 50cm. Remove the end plate of the main housing at the motor side. Disconnect the motor supply after having cut off the power. Bring the lead rail of the main housing closer by using a belt around the housing so that the fabric no longer hangs under tension. Remove the roller tube support and the motor. Work in reverse order to reinstall the motor.

SPARE PARTS DEALER-KIT B25

SPARE PARTS KIT, USEFUL FOR INTERVENTIONS.

REF.	ART. N°	DESCRIPTION		QUANTITY
7	6000013	ENDPLATE HOUSING LH	GREY	1
9	6000015	ENDPLATE HOUSING RH	GREY	1
8	6000014	ENDPLATE LEADRAIL LH	GREY	1
10	6000016	ENDPLATE LEADRAIL RH	GREY	1
7	6000013	ENDPLATE HOUSING LH	WHITE	1
9	6000015	ENDPLATE HOUSING RH	WHITE	1
8	6000014	ENDPLATE LEADRAIL LH	WHITE	1
10	6000016	ENDPLATE LEADRAIL RH	WHITE	1
7	6000013	ENDPLATE HOUSING LH	BROWN	1
9	6000015	ENDPLATE HOUSING RH	BROWN	1
8	6000014	ENDPLATE LEADRAIL LH	BROWN	1
10	6000016	ENDPLATE LEADRAIL RH	BROWN	1
7	6000013	ENDPLATE HOUSING LH	IVORY	1
9	6000015	ENDPLATE HOUSING RH	IVORY	1
8	6000014	ENDPLATE LEADRAIL LH	IVORY	1
10	6000016	ENDPLATE LEADRAIL RH	IVORY	1
30	6000056	GLIDING ANGLE	WHITE	5
30	6000056	GLIDING ANGLE	BROWN	5
30	6000056	GLIDING ANGLE	IVORY	5
30	6000056	GLIDING ANGLE	GREY	5
24	6000042	COUPLING PROFILE	WHITE	5
24	6000042	COUPLING PROFILE	BROWN	5
24	6000042	COUPLING PROFILE	IVORY	5
24	6000042	COUPLING PROFILE	GREY	5
		PLATESCREW DIN 7982	4.2 X 32 A2	30
		PLATESCREW DIN 7981	3.5 X 9.5 A2	15
27	6000048	BLOCKING ANODISED		1
26	6000047	HORSE SHOE COVERING		5
		SWITCH UP (INVERSEUR APPARENT)		1
18	6000036	L.H. CONNECTION LEADRAIL	GREY	1
18	6000036	L.H. CONNECTION LEADRAIL	WHITE	1
18	6000036	L.H. CONNECTION LEADRAIL	BROWN	1
18	6000036	L.H. CONNECTION LEADRAIL	IVORY	1
19	6000037	R.H. CONNECTION LEADRAIL	GREY	1
19	6000037	R.H. CONNECTION LEADRAIL	WHITE	1
19	6000037	R.H. CONNECTION LEADRAIL	BROWN	1
19	6000037	R.H. CONNECTION LEADRAIL	IVORY	1
21	6000039	GEAR ASSY		1
28	6000055	ADAPTER ANODISED	100MM	1
28		ADAPTER ANODISED	495MM	1
28		ADAPTER ANODISED	295MM	1
32	6000058	ROLLERTUBE COUPLING SYSTEM WITHOUT COUPLING PROFILE		1

Price/Kit **125 EURO net**