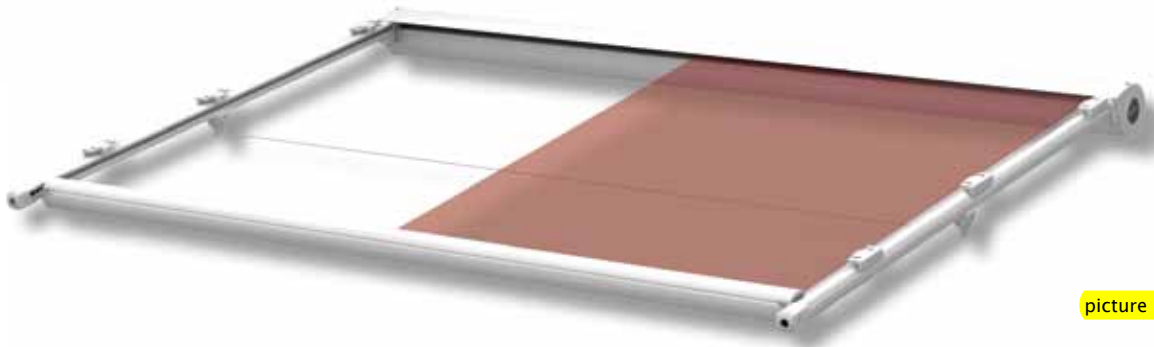# markilux 889 / 889 zip

Horizontal and highly functional – the under-glass awning for optimum shading of large areas – optionally with zip system.

HÖCHSTE SICHERHEIT
markilux

markilux

picture shows standard system

picture shows unit with zip system (optional)

markilux 889 / 889 zip

Horizontal and highly functional – the under-glass awning for optimum shading of large areas – optionally with zip system.
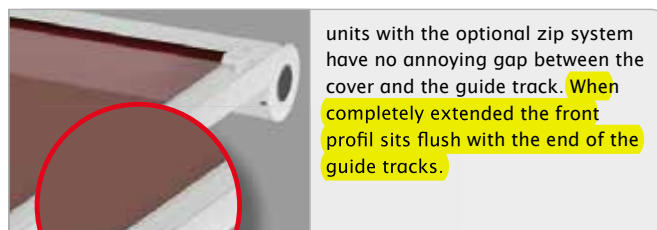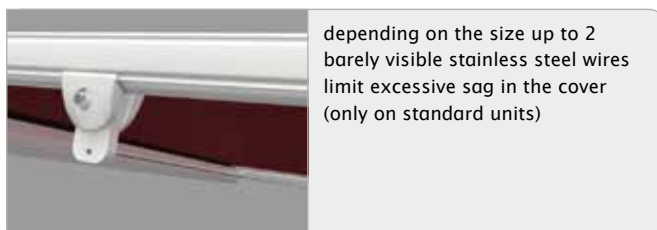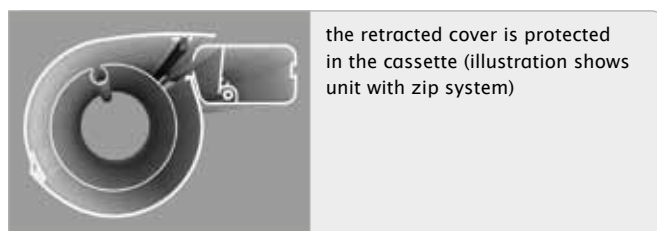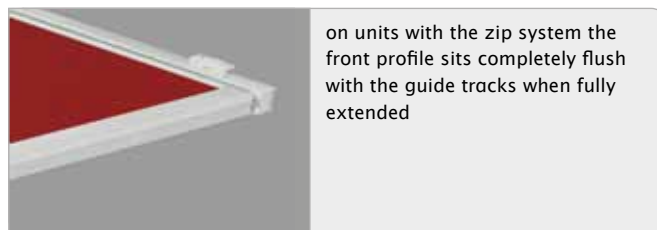
Design features

· beautifully crafted, teardrop-shaped aluminium cassette only 130 mm in height

· the compact, rounded profiles make it discreet and unobtrusive

· the panel joints of the awning cover are ultrasonically bonded – for an improved appearance without unsightly stitching

· when retracted the cover is protected from the weather by the cassette, which encloses it completely

· for long-lasting attractiveness the awning has been powder coated

· in the case of manual operation it is supplied with a markilux stainless steel winding handle – quality to get to grips with

Technical highlights

· the 85 mm roller tube ensures the highest rigidity and the best possible cover winding characteristics even at the largest sizes

· awning completely pre-assembled and tested in the factory

· brackets with patented clip-on mechanism for simple, problem free installation

· special vario-belts provide optimum cover tension when the awning is completely extended

· one or two barely visible stainless steel wires limit the sag in the awning cover on larger units (not required on units with zip system)

Additional features

· hard-wired motor operation (optionally with automatic weather controls) for straightforward and easy operation

· radio-controlled motor with remote control for comfortable operation, markilux remote control with ergonomic design

· zip system – attractive completely closed appearance – the zip system does away with the annoying gap between the blind cover and the tracks. When completely extended the front profil sits flush with the end of the guide tracks.

· awning available in non-standard RAL colours

side view with manually operated gear

side view of motor-operated unit

slender guide tracks and sturdy front profile

on units with the zip system the front profile sits completely flush with the guide tracks when fully extended

the retracted cover is protected in the cassette (picture shows standard unit)

the retracted cover is protected in the cassette (illustration shows unit with zip system)

depending on the size up to 2 barely visible stainless steel wires limit excessive sag in the cover (only on standard units)

units with the optional zip system have no annoying gap between the cover and the guide track. When completely extended the front profil sits flush with the end of the guide tracks.

Standard specification
manual operation with stainless steel winding handle
bonded awning cover
sunsilk snc fabric
sunsilk snc signature fabric
acrylic fabric 34
widely woven acrylic fabric
perfotex fabric
transolair fabric

Standard frame colours	
traffic white - RAL 9016	
metallic aluminium - RAL 9006	
grey brown - similar to RAL 8019	
anthracite metallic - 5204	

Optional accessories
hard-wired or radio-controlled motor with remote control
zip system
sun sensor and wind sensor
sunvas fabric
non-standard powder-coated finish

www.markilux.com

markilux collection

Specifi-cation

markilux 1700

markilux 1700 stretch

markilux 1710

markilux 1710 stretch

markilux 8800 / 8800 zip

markilux 8850

markilux 889 / 889 zip

markilux 869 / 869 zip

markilux pergola 110

markilux pergola 210

markilux syncra 2 fix / uno fix with folding-arm awnings

markilux syncra 2 fix / uno fix with pergola 110 / 210

Optional Accessories

Technical Information

Order Forms

Dimensions and configuration options

		fixture / order width										minimum width hard-wired motor	minimum width radio motor
		150	200	250	300	350	400	450	500	550	600		
		74 – 150	151 – 200	201 – 250	251 – 300	301 – 350	351 – 400	401 – 450	451 – 500	501 – 550	551 – 600		
	overall width standard	+ 5											
	overall width zip system	+ 4.8											
extension	150²⁾												
	200²⁾												
	200²⁾									●3)	●3)	●3)		
	2002)							●3)	●3)	●3)	●3)		
	350	3)	3)	3)	3)	3)	●3)	●3)	●3)	●3)	●3)	65	77
	400	3)	3)	3)	3)	●3)	●3)	●3)	●3)	●●4)	●●4)		
	450	●3)	●3)	●3)	●3)	●3)	●3)	●3)	●3)	●●4)	●●4)		
	500	●3)	●3)	●3)	●3)	●1) 3)							
	550	●●4)	●●4)	●●4)	●●4)	●●1) 4)							
	600	●●4)	●●4)	●●4)	●●4)	●●1) 4)							

dimensions in cm

1) max. fixture width is 325 cm in these sizes
2) 2 track brackets per guide track (3 track brackets in the case of a cover support wire)
3) 3 track brackets per guide track
4) 4 track brackets per guide track

• = 1 cover support consisting of a stainless steel wire (only on standard units)
•• = 2 cover supports consisting of a stainless steel wire (only on standard units)

▮ = available, optionally with zip system

awnings with zip system:
· only available with motor (surcharge)
· always without cover support (stainless steel wire)

▮ = available only on standard units

Type of shading	
exterior	–
interior	●
Operation	
motor	○
radio-controlled motor	○*
manual operation with stainless steel winding handle	●
cord pulley system	–
operating rod	–
Covers	
sunsilk snc (fabric series 324xx/329xx)	●¹
sunsilk snc signature (fabric series 369xx)	●¹
acrylic 34 (fabric series 341xx-347xx)	●¹
sunvas (fabric series 315xx)	○
widely woven acrylic (fabric series 349xx)	●²
sunsilk perla FR (fabric series 374xx/379xx)	○³
perfotex (fabric series 333xx)	●¹
transolair (fabric series 339xx)	●⁴
Trevira CS	–
Soltis 92	–
PVC fabric	–
Miscellaneous	
wall sealing profile	–
zip system	○
frame system markilux RS 8000	–
cover profiles for gap between side rails and cover	–
Sunis sun sensor	○
sundrive	–
Coupled units	
coupled unit, 2 fields	–
coupled unit, 3 fields	–

• = standard specification
○ = optional accessories
– = not available
○* = radio-controlled motor using 433 MHz technology
●¹ = up to a maximum extension of 400 cm;
      not available on units with zip system
●² = only up to a fixture width of 400 cm; from a fixture width of 329 cm and
      an extension of 330 cm with horizontal seam

Housing tolerances / Awning cover dimensions	width		extension
housing tolerance	+5 / -10		
awning cover width = fixture width less	standard	zip system	
	80 motor	0	
	90 manual operation		
awning cover length = awning extension less			145*¹/155*² standard
			50 zip system

*¹ for extensions up to 2000   *² for extensions from 2001   dimensions in mm

The width of the awning cover is always **less** than the width of the awning.

Fixture / order width definition: The order width is the awning fixture width i.e. the measurement from fixture point to fixture point underneath the glass roof. The overall width is larger than the fixture width (v. matrix). The tolerance in the width is +5 / 10 mm.

Definition of the extension: The nominal extension on standard units is measured with the awning extended from the rear edge of the cassette to the leading edge of the front profile (the track extends a further 75 mm). The tolerance in the extension is + 40 / - 40 mm.

N.B.! If the motor is used continuously it will stop automatically after 3 to 4 minutes **to prevent overheating.**

Definition of operating side: the operating side is always given as if seen from the outside (right or left).

The extension rate with a **hard-wired motor** is approx. **9 seconds per metre** and with a **radio-controlled motor** approx. **14 seconds per metre**.

Due to its own weight a certain amount of sag in the cover is possible. Similarly all profiles may deflect slightly for the same reason. Neither phenomenon has any negative effect on the function or operation of the awning if it has been fitted correctly.

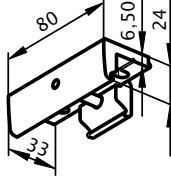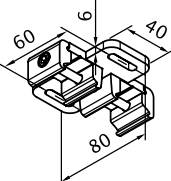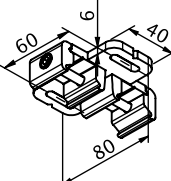| Frame colours		
traffic white - RAL 9016		●
metallic aluminium - RAL 9006		●
grey brown - similar to RAL 8019		●
anthracite metallic - 5204		●
non-standard powder-coated finish		○

* Colours similar to the RAL chart - these may differ slightly from those depicted in both hue and finish.
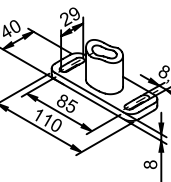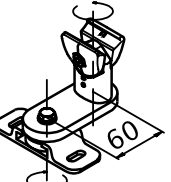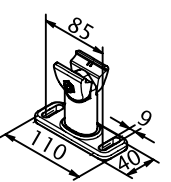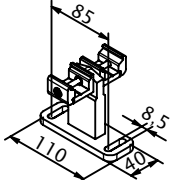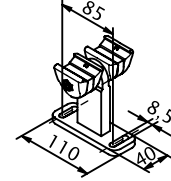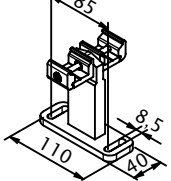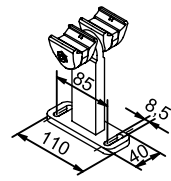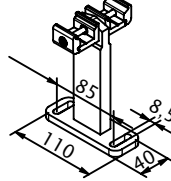
○³ = only up to an extension of 450 cm
●⁴ = up to a maximum extension of 450 cm, from a fixture width of 261 cm
      and an extension of 262 cm with horizontal seam
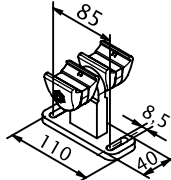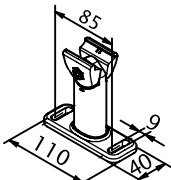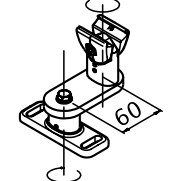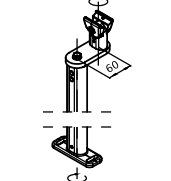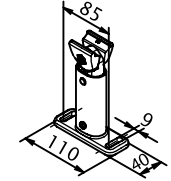
Fixtures, fittings and accessories

Flat track bracket

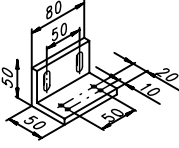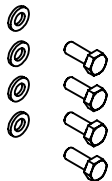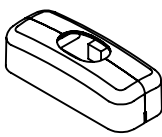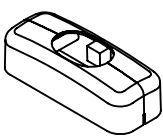|		
Fixture type 10, 15 Flat track bracket 78548.	Double flat track bracket standard without zip system: 2 single units 78671.	Double flat track bracket for awnings with zip system: 2 single units 73101.

Track bracket, stand-off fixture

Fixture dimensions of track brackets with adjustable head	Universal track bracket height 80 mm 78542.	fixture type 20 Track bracket with adjustable head height 80 mm 78451.
Double track bracket with adjustable head height 80 mm for awnings with zip system: 2 single units 73102.	Double track bracket with adjustable head height 80 mm standard without zip system: 2 single units 78654.	fixture type 21 Track bracket with adjustable head height 100 mm 78538.
Universal track bracket height 100 mm 78543.	Universal track bracket height 140 - 500 mm 78545.	fixture type 22 Track bracket with adjustable head height 140 mm 78539.
Double track bracket with adjustable head height 100 mm standard without zip system: 2 single units 78658.	Double track bracket with adjustable head height 100 mm for awnings with zip system: 2 single units 73103.	Double track bracket with adjustable head height 140 mm standard without zip system: 2 single units 78683.
Double track bracket with adjustable head height 140 mm for awnings with zip system: 2 single units 73104.		

. = Please insert the RAL No. (please refer to the section on "Coatings")

143

Fixtures, fittings and accessories

Accessories

78719.	fixture type 15 Additional angle bracket, bearing/gearbox/motor side 50 x 50 x 80 mm (fixture between beams, walls etc.) please order additional accessories 787211!	787211.
fixture type 15 Accessories two angled brackets 78719.	76603.	Decorative cap assembly for track bracket for: 78081., 78086., 78094., 78247., 78451., 78538., 78543., 78454., 78663.

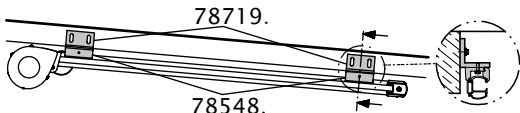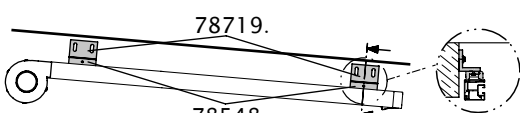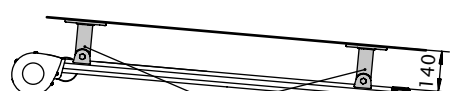|	
76604.	Decorative cap assembly for track bracket for: 78082., 78087., 78095., 78105., 78107., 78108., 78251., 78539., 78540., 78545., 78665., 78664., 78685.

. = Please insert the RAL No. (please refer to the section on "Coatings")

Fixture combinations

All brackets incur a surcharge

Fixture type

10	78548. standard 78548. with zip system	
15	78719. 78548. standard 78719. 78548. with zip system	
20	80 78451. standard 85 78451. with zip system	· For the necessary number of fixing brackets per guide track see page "Dimensions and feature options" · cover sag during extension and retraction may reach approx. 350 mm
21	100 78538. standard 105 78538. with zip system	
22	140 78539. standard 145 78539. with zip system	

Individual bracket combinations – see "Fixtures, fittings and accessories".
Make sure you note the minimum quantity required for the width and unit height you have ordered!
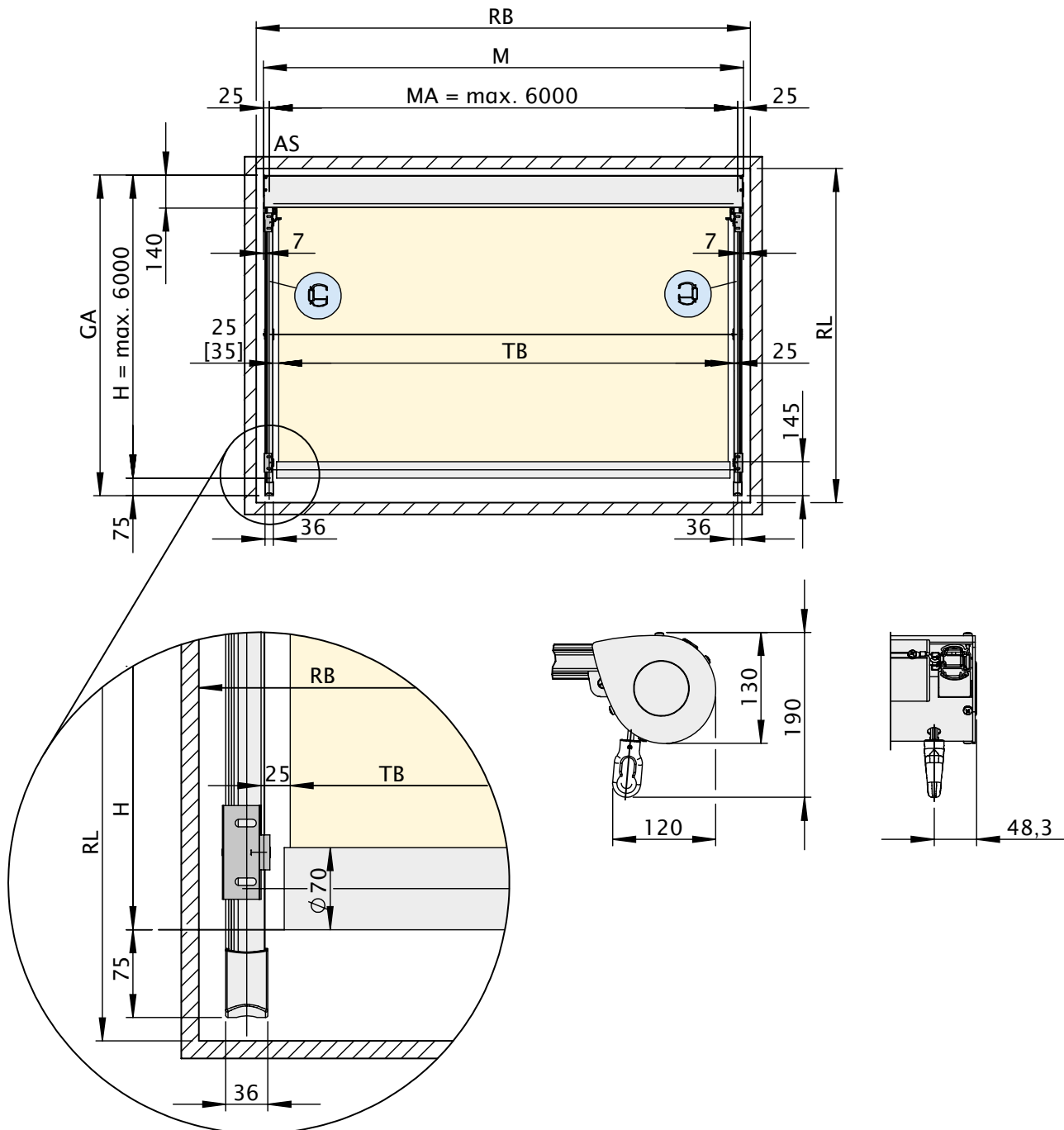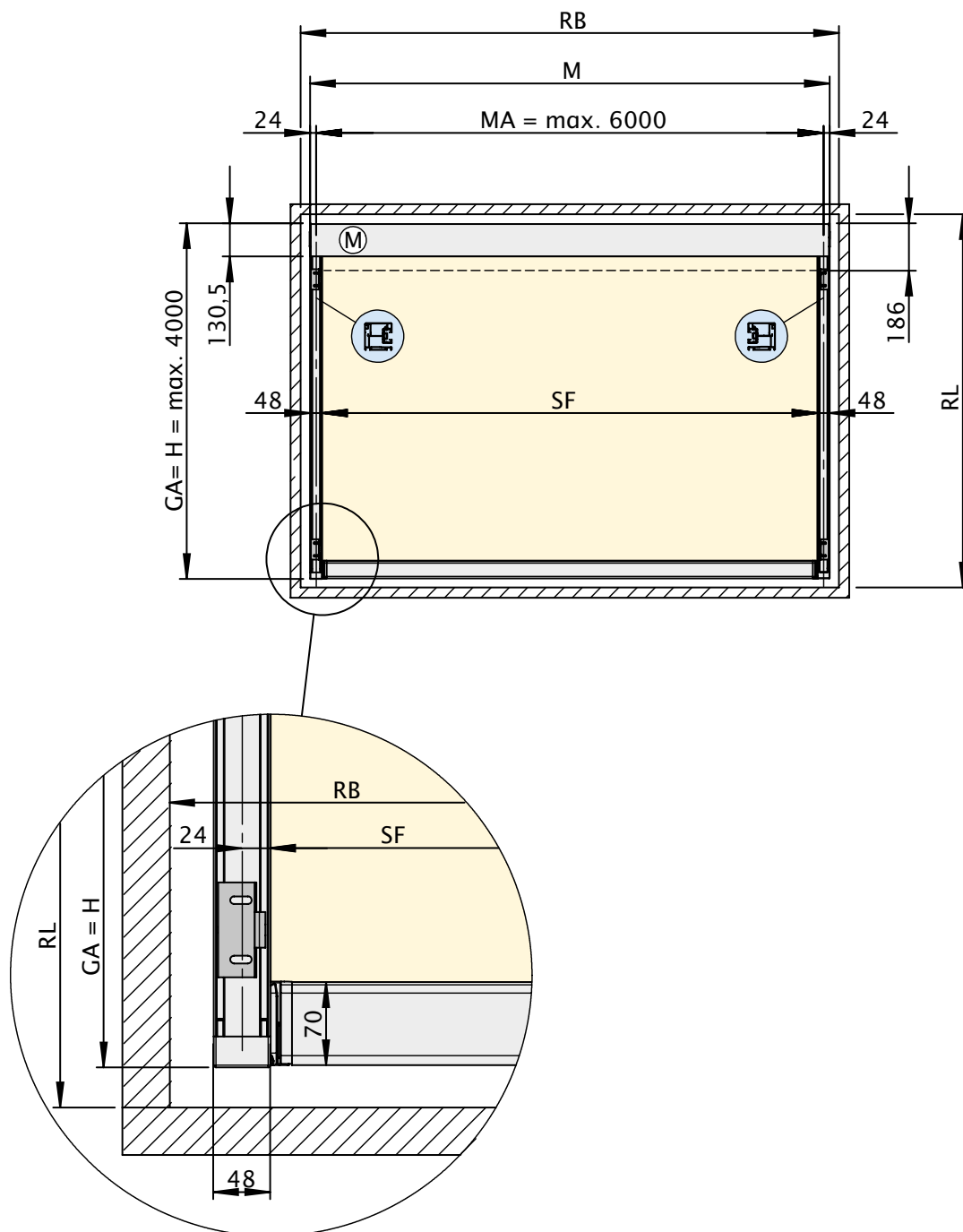
Installation dimensions

Dimensions single unit, standard

measurements in mm

GA	= overall extension
H	= nominal extension = order extension
M	= overall awning width
MA	= awning fixture width = fixture width = order width
TB	= cover width
AS	= operation side
RL	= room length
RB	= room width
[...]	= dimensions in the case of manual operation

Installation dimensions

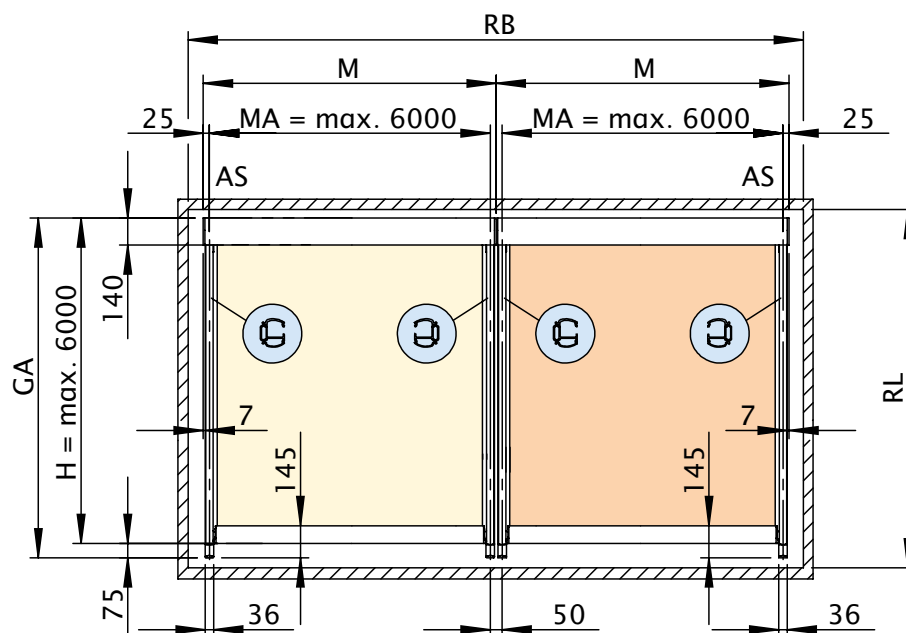Dimensions single unit of a single unit with zip system

measurements in mm

GA	= overall extension
H	= nominal extension = order extension
M	= overall awning width
MA	= awning fixture width = fixture width = order width
SF	= visible cover length
Ⓜ	= motor
RL	= room length
RB	= room width

markilux collection

Specifi-
cation

markilux
1700

markilux
1700
stretch

markilux
1710

markilux
1710
stretch

markilux
8800 /
8800 zip

markilux
8850

**markilux
889 /
889 zip**

markilux
869 /
869 zip

markilux
pergola 110

markilux
pergola 210

markilux
syncra 2 fix
/ uno fix
with
folding-arm
awnings

markilux
syncra 2 fix
/ uno fix
with
pergola
110 / 210

Optional
Accessories
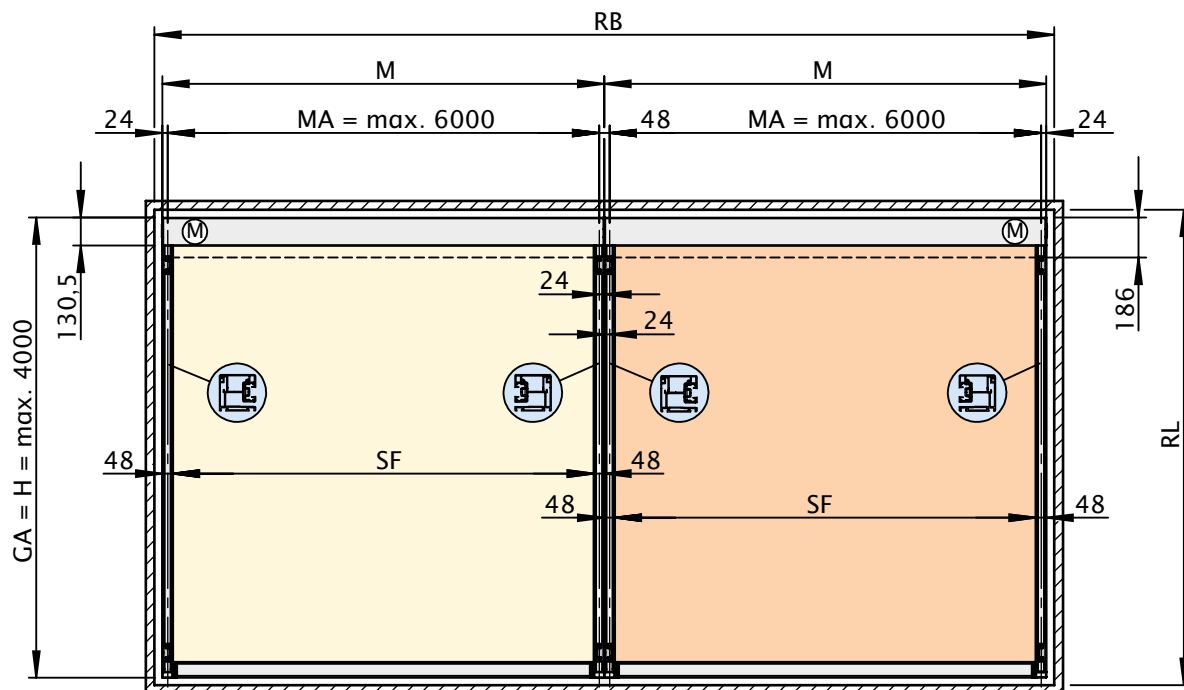
Technical
Information

Order Forms

Installation dimensions

Dimensional overview two single units, standard

measurements in mm

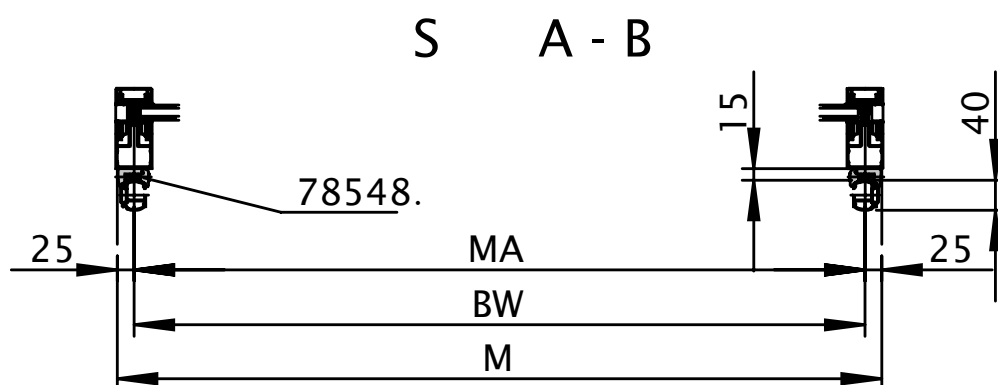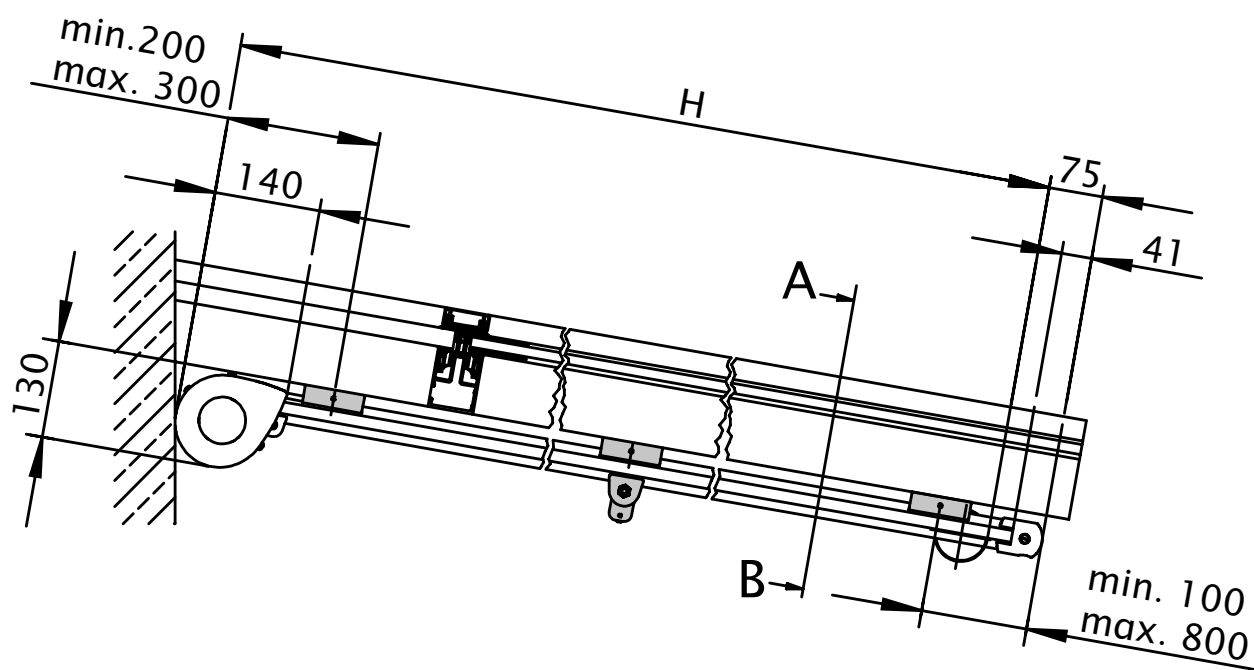### Dimensional overview two single units with zip system

measurements in mm

GA	= overall extension
H	= nominal extension = order extension
M	= overall awning width
MA	= awning fixture width = fixture width = order width
SF	= visible cover length
AS	= operation side
Ⓜ	= motor
RL	= room length
RB	= room width

Installation dimensions
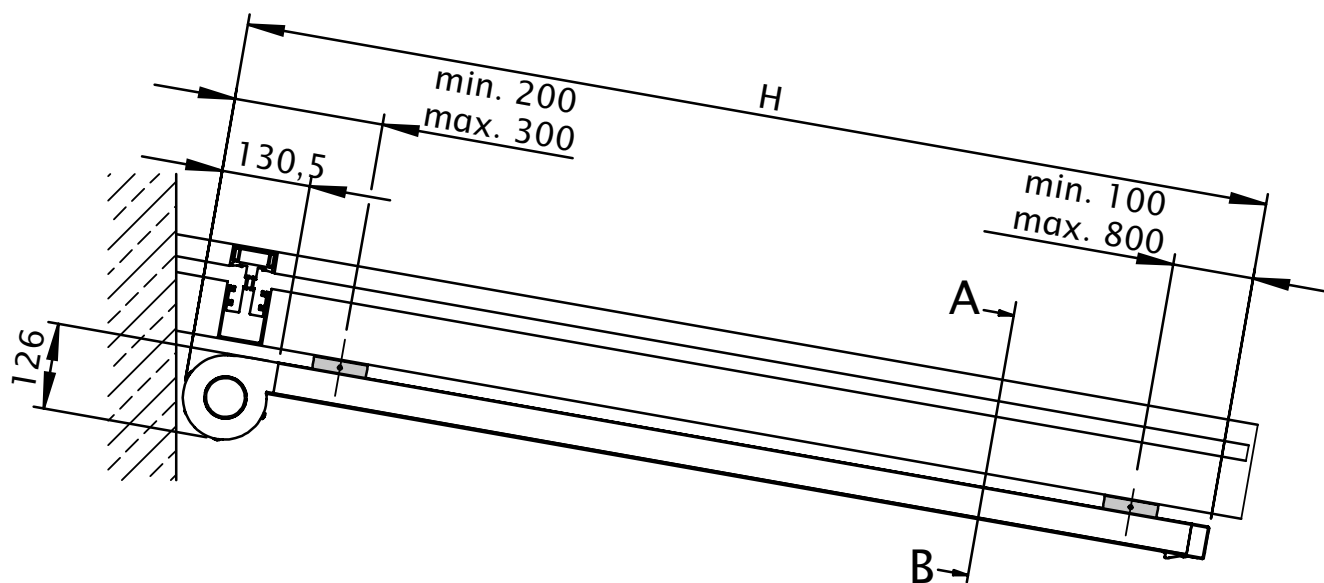
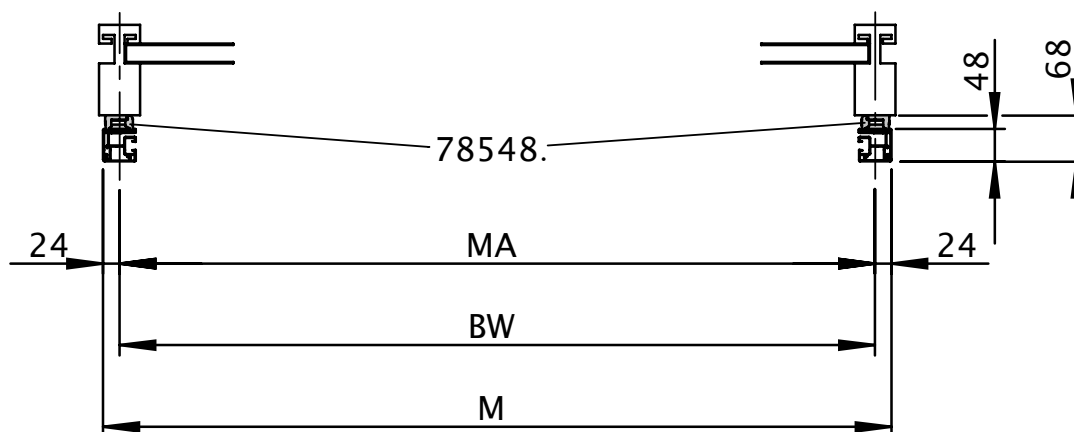### Fixture type 10, standard

S   A - B
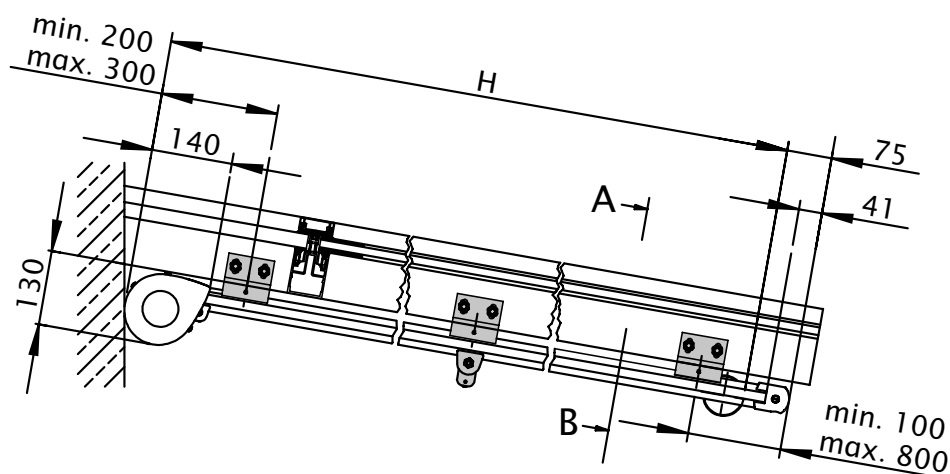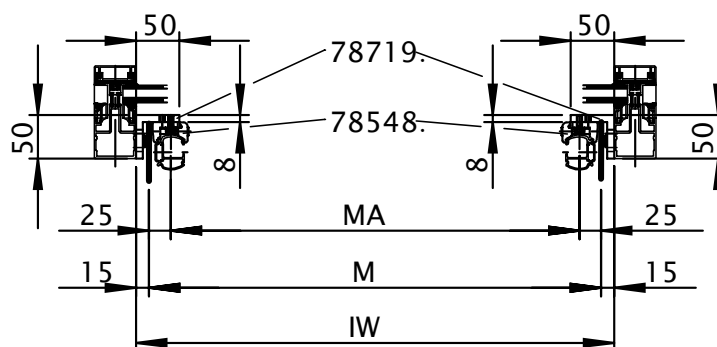

measurements in mm

H = nominal extension = order extension
M = overall awning width
MA = awning fixture width = fixture width = order width
BW = fixture width on conservatory
S = cross section
78548. = flat track bracket (for the necessary number of flat track brackets per guide track see page "Dimensions and configuration options")

markilux collection

Specifi-cation

markilux 1700

markilux 1700 stretch

markilux 1710

markilux 1710 stretch

markilux 8800 / 8800 zip

markilux 8850

markilux 889 / 889 zip

markilux 869 / 869 zip

markilux pergola 110

markilux pergola 210

markilux syncra 2 fix / uno fix with folding-arm awnings

markilux syncra 2 fix / uno fix with pergola 110 / 210

Optional Accessories

Technical Information

Order Forms

Installation dimensions

Fixture type 10 with zip system

min. 200
max. 300

H

130,5

min. 100
max. 800

A

126

B

S A - B

78548.

48

68

24

MA

24

BW

M

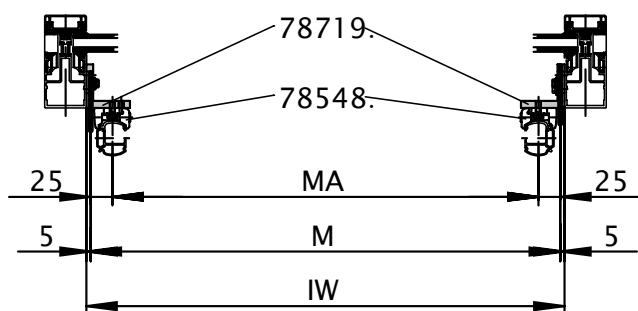measurements in mm

H	= nominal extension = order extension
M	= overall awning width
MA	= awning fixture width = fixture width = order width
BW	= fixture width on conservatory
S	= cross section
78548.	= flat track bracket (for the necessary number of flat track brackets per guide track see page "Dimensions and configuration options")

Installation dimensions

Fixture type 15, with angled plates (for fixture between beams, walls etc.), standard

min. 200
max. 300

H

140

75

41

A

130

B

min. 100
max. 800

S A - B

78719.

78548.

25   MA   25

5   M   5

IW

50   50

78719.

78548.

50   8   8   50

25   MA   25

15   M   15

IW

measurements in mm

H = nominal extension = order extension
M = overall awning width
MA = awning fixture width = fixture width = order width
IW = interior conservatory dimension
78548. = flat track bracket (for the necessary number of flat track brackets per guide track see page "Dimensions and configuration options")
78719. = additional bracket bearing/gearbox/motor side; number of additional angle brackets = number of brackets
(please refer to "Dimensions and configuration options")

Installation dimensions

Fixture type 15, with angled plates (for fixture between beams, walls etc.), with zip system
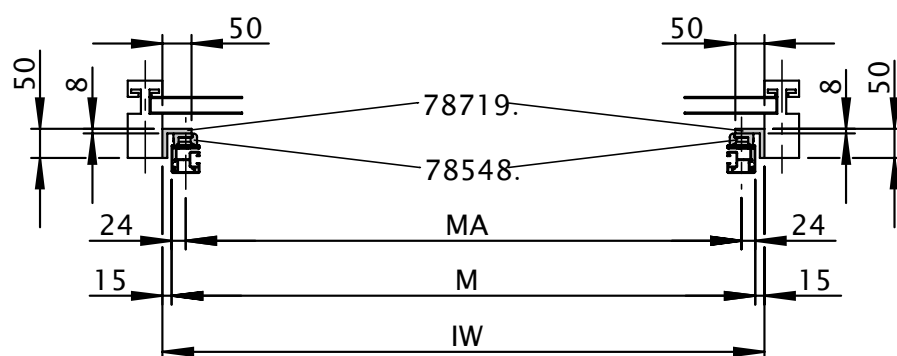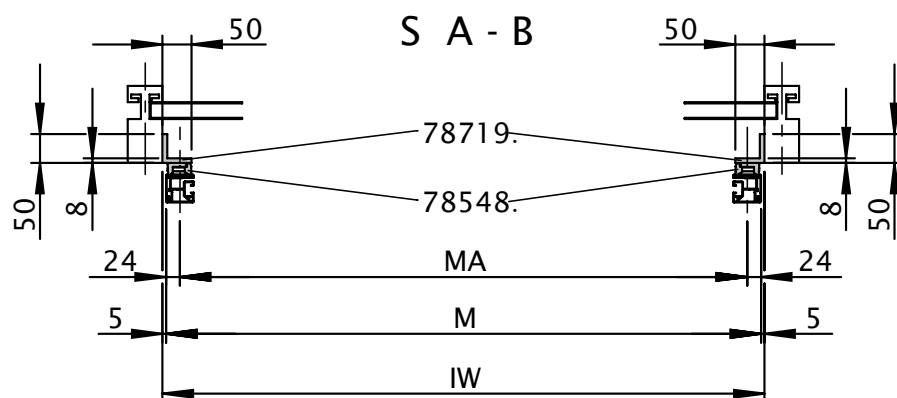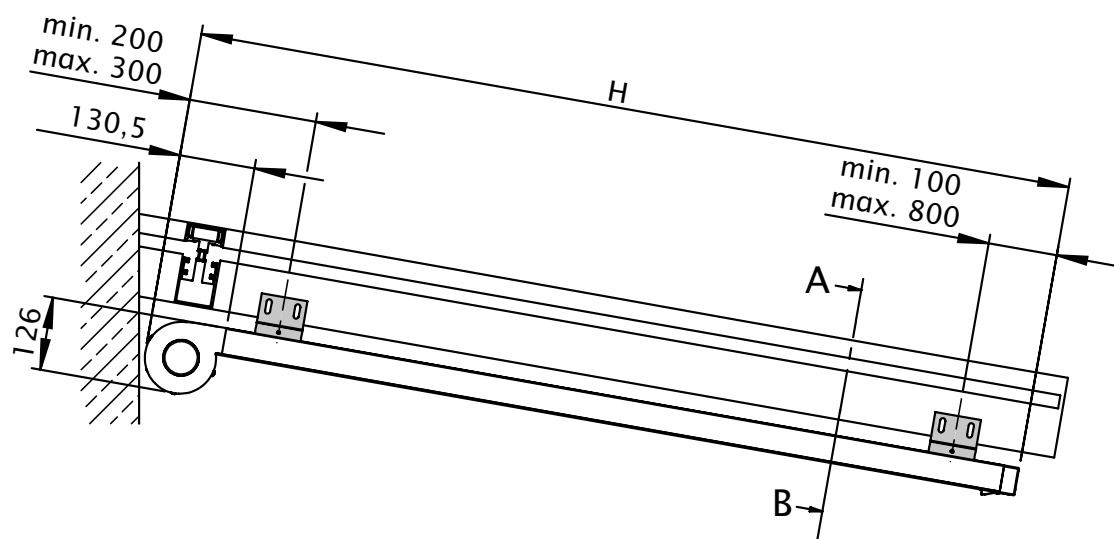
measurements in mm

|	
H	= nominal extension = order extension
M	= overall awning width
MA	= awning fixture width = fixture width = order width
IW	= interior conservatory dimension
78548.	= flat track bracket (for the necessary number of flat track brackets per guide track see page "Dimensions and configuration options")
78719.	= additional bracket bearing/gearbox/motor side; number of additional angle brackets = number of brackets (please refer to "Dimensions and configuration options")

Installation dimensions

Cable exit point in the case of motor-driven units, standard units

30

10

8
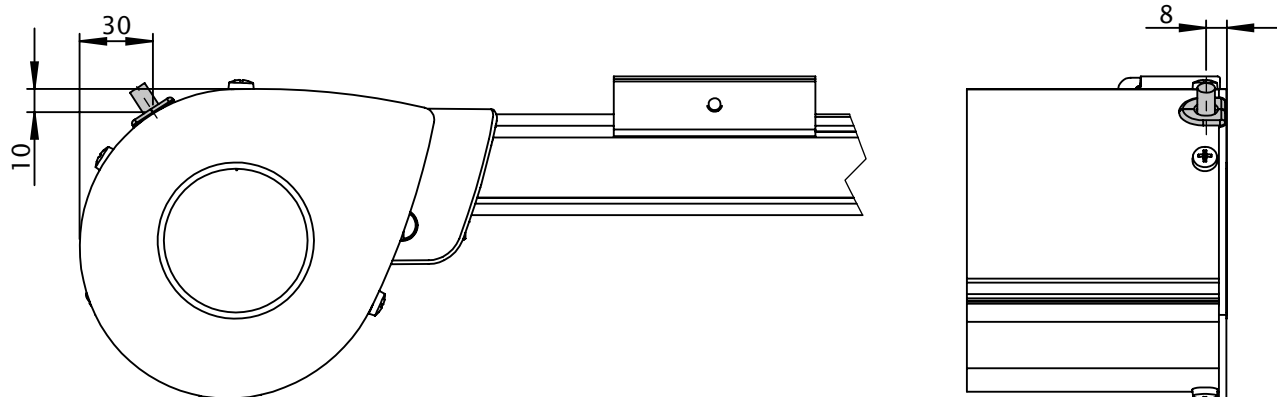
measurements in mm

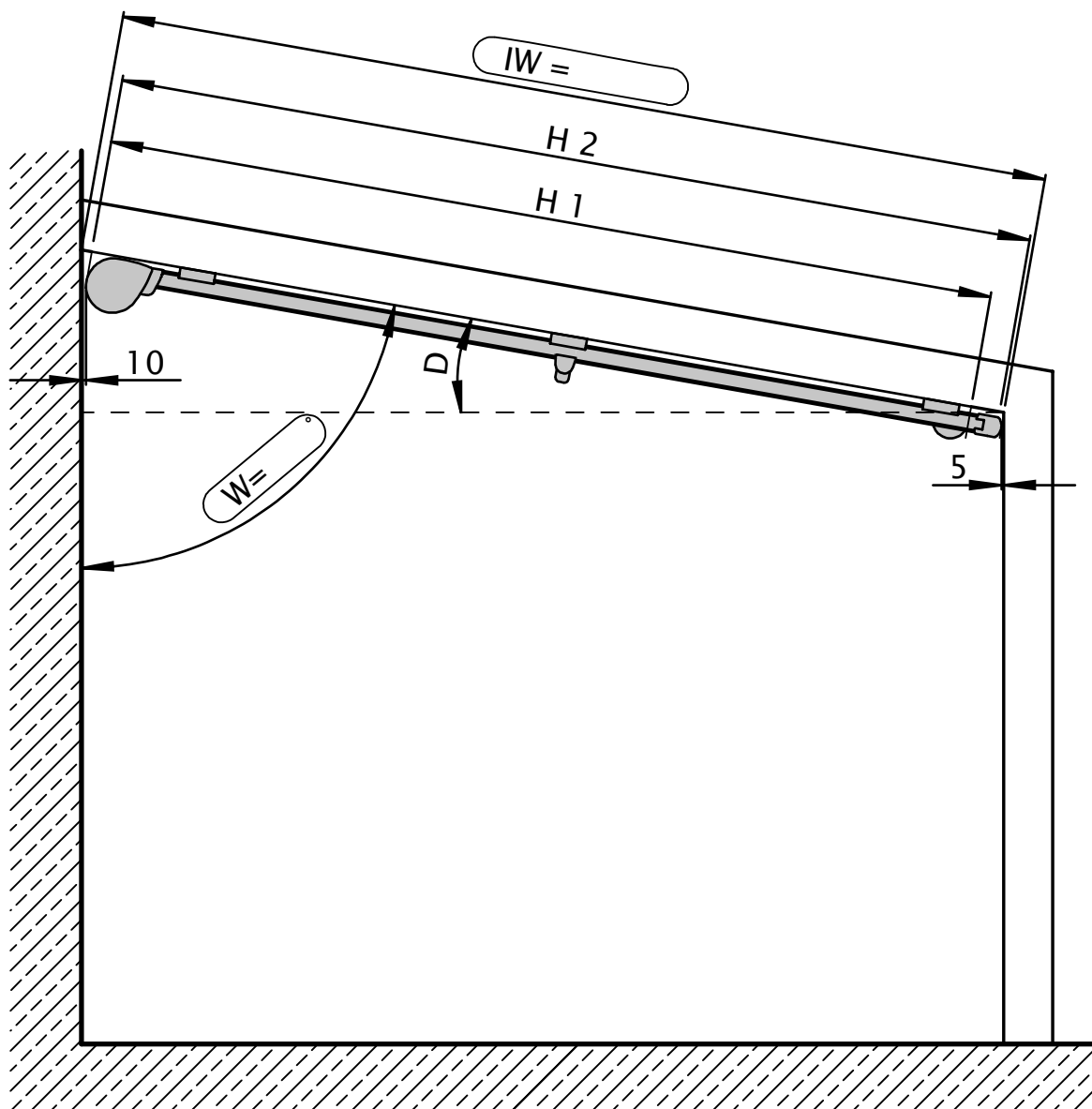Cable exit point in the case of motor-driven units, units with zip system

29

12

8

measurements in mm

153
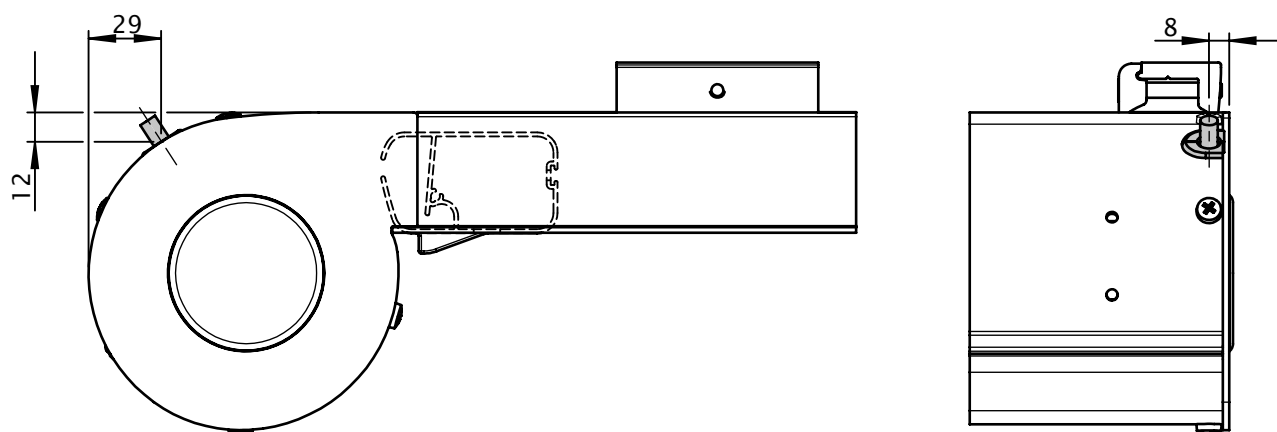
Installation dimensions

Orders are to be submitted with all the conservatory dimensions shown in the diagram.

D	W	DIF 1	DIF 2
0°	90°	90	15
5°	85°	93	18
10°	80°	97	22
15°	75°	102	27
20°	70°	109	34
25°	65°	116	41
30°	60°	125	50
35°	55°	136	61
40°	50°	150	75
45°	45°	167	92

for standard units
H1 = IW less DIF 1

for units with zip system
H2 = IW less DIF 2

measurements in mm

H1   = nominal extension (of standard units) = order measurement = IW - DIF (see table)
H2   = nominal extension (of units with zip system) = order measurement = IW - DIF (see table)
IW   = interior conservatory dimension
W   = angle bracket
D   = roof pitch
DIF 1   = difference interior conservatory dimension to extension H1 (for standard units)
DIF 2   = difference interior conservatory dimension to extension H1 (for units with zip system)