

Exterior Awning

markilux 8800 / 8800 tracfix

Modern, timeless design and technology thought through to the very last detail – the extremely reliable shading solution for large areas.

markilux by Aquarius Blinds







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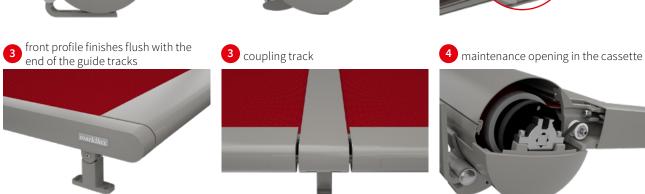
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awning retracted, all round cover

1) optional configuration

Description	
·	$ \bullet \ \text{exterior awning for conservatories, glass canopies and large skylights. The ingenious tensioning system and the sturdy design allow areas of up to 36 \text{m}^2 \text{to be shaded by one awning (with tracfix system 30 \text{m}^2)} - $
	up to 5 awnings can be coupled together.
Special featu	res
	 fully encompassing cassette that protects the cover perfectly
	• the awning cover is bonded with stabilising vertical panel joints – in the case of the series sunvas, sunsilk and perla the standard panel width is 60 cm (in perfotex 120 cm, in Soltis 92 88.5 cm and transolair 84 cm) – in order
	to achieve the optimum overall cover tension and stability
	• option tracfix, the continuous lateral cover guidance system that leaves no gap between the cover and guide
	tracks – gives improved wind stability and a cleaner appearance
	option of a silentec motor – motor noise is appreciably reduced
	 tried and tested tensioning system with drive belts and integrated gas pistons – delivers optimum cover tension in any phase of extension
	• the broad range of brackets with patented clip-on system offers individual fixture solutions
	• can be combined perfectly with the awning system markilux construct
Dimensions	
	• single unit: 60–700 cm in width, maximum extension 700 cm (depending on the width)
	• maximum dimensions, width × extension: 500 cm × 700 cm / 550 cm × 650 cm / 600 cm × 600 cm / 650 cm × 500 cm × 500 cm × 500 cm × 600 cm × 600 cm × 600 cm × 500 cm × 600 cm
	cm / 700 cm × 450 cm (without tracfix system)
	• maximum dimensions, width × extension: 500 cm × 600 cm / 550 cm × 500 cm / 600 cm × 450 cm
	(with tracfix system)
	• intermediate sizes are available
Roller tube ar	nd lateral bearings
	• round roller tube Ø 95 mm with keyway, galvanised steel – excellent stability, ensures near perfect cover
	performance even at the largest widths
	• the roller tube bearing is made of die-cast aluminium
Awning profil	es
- 1	extruded aluminium, in façade quality, powder coated
	• cassette profile in two pieces, round, Ø 187 mm
	• guide tracks angular, width × height 60 mm × 70 mm (coupled unit 116 mm × 70 mm)
	- front profile rounded at the front, height \times depth 70 mm \times 150 mm
Side caps	
-	• the cassette end caps with opening for guide tracks are made of die-cast aluminium, powder coated
	• the top maintenance cover is made of high-quality plastic, powder coated
	the front profile end caps are made of high-quality plastic, powder coated
Fixture brack	ets
	extruded aluminium, powder coated
	cassette brackets: bottom fixture, face fixture, top fixture
	brackets for the guide tracks: stand-off brackets for bottom fixture, lateral fixture, reveal fixture

- standard bracket heights: 100 mm / 140 mm / 100–500 mm (bespoke heights can be ordered)
- track-only fixture of the awning is possible up to a fixture width of 600 cm without any housing support
- other accessories are available

Frame colours

markilux frame colours without surcharge

traffic white RAL 9016

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metallic aluminium RAL 9006



grey brown, similar to RAL 8019



off-white textured finish, 5233 1)



stone grey metallic, 5215 1)



anthracite metallic, 5204 1)



Havana brown textured finish, 5229 1)



Non-standard powder-coated finish

Bespoke frame colours at a surcharge – matt, metallic and pearl finishes as well as other colour ranges (DB, Tiger etc.) on request. All frame colours are available at a surcharge with enhanced corrosion protection.

1) textured finish

Colours may differ slightly from those depicted in both hue and finish.

Dimensions and configuration options

Single unit

		Awning fixture width													
		150	200	250	300	350	400	450	500	550	600	650 1)	700 1)	Minimum fixture width	
Orde dime	er ensions	60 - 150	151 _ 200	201 - 250	251 - 300	301 - 350	351 - 400	401 - 450	451 - 500	501 - 550	551 - 600	601 - 650	651 - 700	Hard-wired motor	Radio-controlled motor
	150														
	200														
	250														
	300														
	350											•	•		
н	400 ²⁾	•	•	•	•	•	•	•	•	•	•	•	•	60	70
••	450 ²⁾	•	•	•	•	•	•	•	•	•	••	••	••	[73]	[83]
	500 ²⁾	•	•	•	•	•	•	•	•	••	••	••	_		
	550 ²⁾	•	•	•	•	•	•	•	••	••	••	_	_		
	600 ²⁾	•	•	•	•	•	•	••	••	••	••	_	_		
	650 ²⁾	•	•	•	•	•	••	••	••	••	_	_	_		
	700 ²⁾	••	••	••	••	••	••	••	••	_	_	_	_		

Awning cover	fabric range no.	standard	optional
sunvas 1)	301 / 309315	\checkmark	_
perla ^{2) 5)}	370	_	\checkmark
sunsilk 1)	324 / 325 / 328 / 369	\checkmark	_
perla FR 1) 5)	374 / 375	_	\checkmark
perfotex 2)	331 / 332	\checkmark	_
transolair 3) 6)	338	_	\checkmark
transolair (120 cm)	339	_	\checkmark
vuscreen Alu	317	_	_
Soltis Perform 92 4)	92-20	_	\checkmark

Dimensions and configuration options

Coupled unit 2 fields 4)

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		Awning fixture width												
		500 ³⁾	600 3)	700 ³⁾	800	900	1000	1100	1200	1300	1400			
Order	-	401	501	601	701	801	901	1001	1101	1201	1301			
dimensions		500	600	700	800	900	1000	1100	1200	1300	1400			
Overall width						+	10							
	150													
	200													
	250													
	300													
	350									•	•			
н	400	•	•	•	•	•	•	•	•	•	•			
н	450	•	•	•	•	•	•	•	• •	• •	••			
	500	•	•	•	•	•	•	••	• •	••	_			
	550	•	•	•	•		••	••	••	_	_			

Coupled unit 3 fields 4)

600 650

700

		600 ³⁾	700 ³⁾	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100
Order dimensions		551	601	701	801	901	1001	1101	1201	1301	1401	1501	1601	1701	1801	1901	2001
		600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100
Overal	l width								+)	10							
	150																
	200																
	250																
	300																
	350														•	•	•
н	400	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	450	•	•	•	•	•	•	•	•	•	•	•	••	••	••	••	••
	500	•	•	•	•	•	•	•	•	•	•	••	••	••	••	• • 2)	_
	550	•	•	•	•	•	•	•	•	••	••	••	••	••	_	_	_
	600	•	•	•	•	•	•	•	••	••	••	••	••	••	_	_	_
	650	•	•	•	•	•	•	•	••	••	••	••	• • 1)	_	_	_	_
	700	••	••	••	••	••	••	••	••	••	••	_	_	_	_	_	_

Awning fixture width

1) = maximum fixture width of 1650 cm

2) = maximum fixture width of 1950 cm

3) = the cassette will be supplied in one piece as standard. If, for transportation or installation reasons, the cassette needs to be split, please note this explicitly when ordering.

4) = maximum field dimensions: see dimension overview for a single unit

• = 1 cover support tube, if unit is without tracfix

•• = 2 cover support tubes, if unit is without tracfix

H = *order dimension* = extension

dimensions in cm

= tracfix (optional)

= tracfix not available

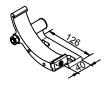
Fixtures, fittings and accessories

Bottom fixture brackets, cassette



bottom fixture cassette bracket

left



76062.

bottom fixture cassette bracket

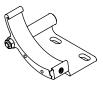


76180.

coupling bracket for the cassette bottom fixture

76061.

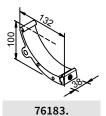




76078.

bottom fixture cassette bracket for reveal fixture

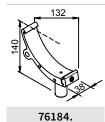
right



cassette support for track-only fixture

100 mm

76077.



cassette support for track-only fixture

140 mm



76069.

coupling bracket for the cassette in the case of rigid track-only fixture fixture types 31 and 32

76067.

raised cassette bracket foot can be tilted backwards by up to 45°, head of cassette fixture bracket can be tilted forwards by up to 45°

left



raised cassette bracket foot can be tilted backwards by up to 45°, head of cassette fixture bracket can be tilted forwards by up to 45°



raised cassette bracket foot can be tilted backwards by up to 45°, head of cassette fixture bracket can be tilted forwards by up to 45°

bottom fixture

right for coupling point

Bottom fixture brackets, cassette



76063.

face fixture cassette bracket

left

pitch adjustment range



face fixture cassette bracket

right

pitch adjustment range

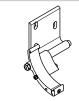
76181.

cassette coupling bracket face fixture

central

5°-45° pitch adjustment range





76231.

face fixture cassette bracket, wide

face fixture cassette bracket, wide

right

5°-45° pitch adjustment range



77058.

top fixture cassette bracket

5°-20° pitch adjustment range

left

5°-45°

pitch adjustment range

76232.

Fixtures, fittings and accessories Track bracket track bracket, universal track bracket with adjustable head track bracket with adapter plate 100 mm $100\,\mathrm{mm}$ 100 mm 76046. 76054. 76199. double track bracket, track bracket for rigid track bracket with adjustable head track-only fixture for bottom fixture 100 mm available by the metre undrilled max. length 6 m 76191. 76017. 76013. track bracket, double track bracket track bracket with adjustable head with adjustable head for conservatory transom fixture 140 mm 140 mm 100 mm 76055. 76048. 76192. track bracket track bracket, universal track bracket with adjustable head with adjustable head with adjustable head and foot 140-500 mm 140-500 mm 200-500 mm 76047. 76045. 76053. vario-V bracket for track double track bracket, double track bracket with adjustable head with adjustable head and foot

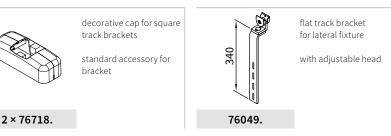
200-500 mm

76052.



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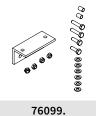
140-500 mm



76194.

Fixtures, fittings and accessories Accessories angled mounting bracket



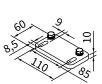


angled adapter plate for rounded mullions L/R incl. fixture bolts required in addition to fixture combination 32



78158.

fixture plate 110 × 60 × 10 mm



adjustable foot plate for track bracket



spacer plate for track bracket



track bracket assembly for track fixture directly to glass roof mullions (14 mm in width)



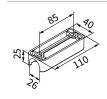
78165.



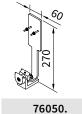
bracket



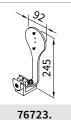




track bracket assembly for track fixture directly to glass roof mullions (25 mm in width)



sun, wind or rain sensor



bracket Sun / wind sensor io



angled bracket to prevent deflection of the cover support tube, for bracket height 100 mm

diagonal tensioning kit

4 wire tensioners,

1 tensioning wire (stainless steel)



storm safety clip / closing guide



storm safety bracket for the cassette (recommended in windy locations and as an additional safety measure for the cassette)



76065.

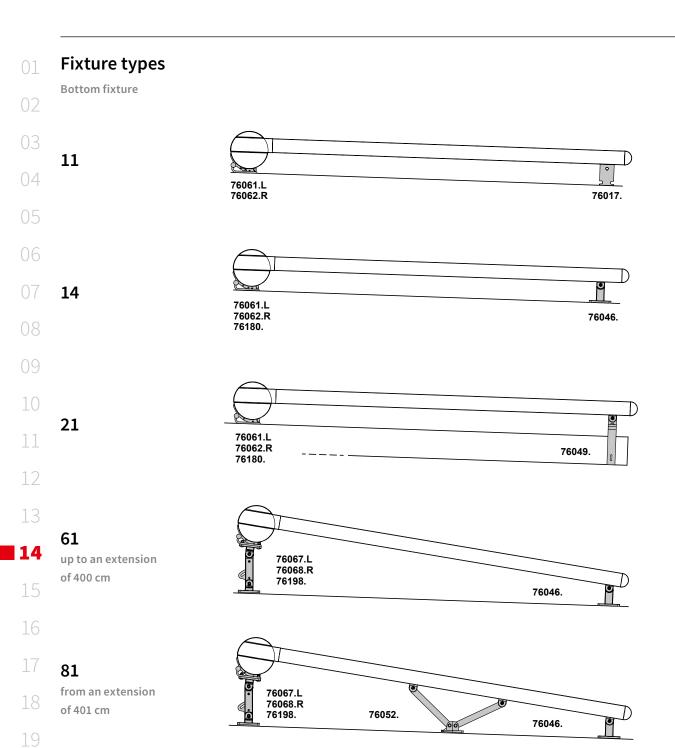


76197.



71780.

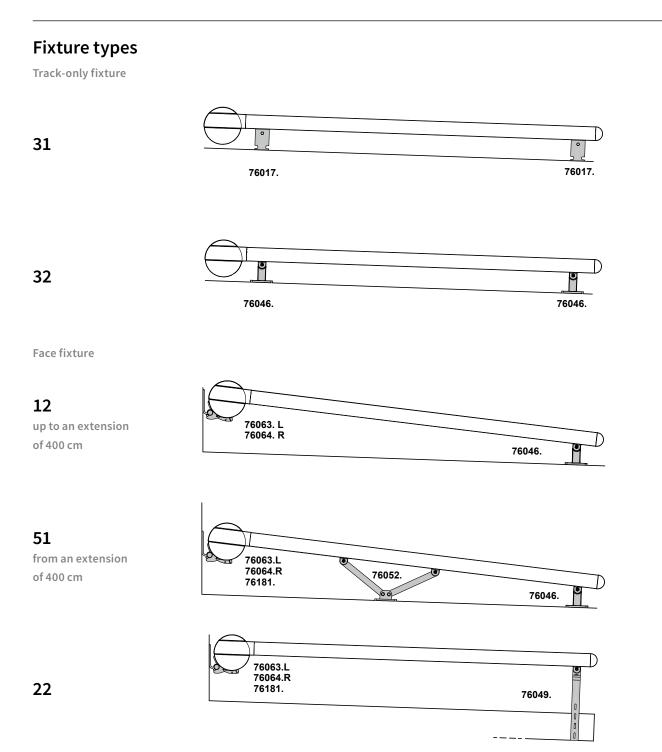
support bracket to prevent deflection of the cover support tube, can be shortened to between $70 \, \text{mm}$ and $320 \, \text{mm}$ (with clamp plate)



Range of individual bracket options: see "Fixtures, fittings and accessories".

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Bottom fixture: in the case of extensions > 400 cm, 2 brackets per guide track. In the case of widths > 600 cm, an additional central cassette bracket or cassette support is required



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Range of individual bracket options: see "Fixtures, fittings and accessories".

Track-only fixture: in the case of extensions > 400 cm, 3 brackets per guide track. In the case of widths > 600 cm, an additional central cassette bracket or cassette support is required

Face fixture: in the case of extensions > 400 cm, 2 brackets per guide track. In the case of widths > 600 cm, an additional central cassette bracket is required.

Single unit 1 field, 1 motor

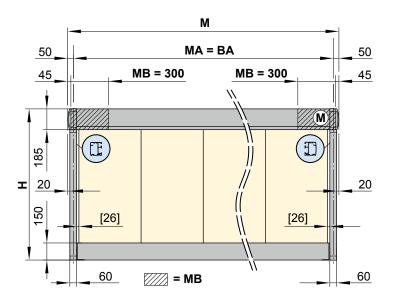
With asymmetrical guide track extensions

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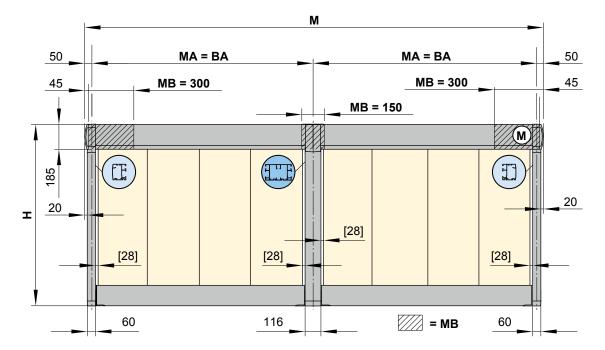
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М MA = BA 50 MB = 30045 M H + DF 님

Coupled unit, 2 fields, 1 motor



[...] = dimensions of the cover gap in a standard unit, **M** no cover gap in units with tracfix system

ВА = width between fixture points = difference in measurement

= order dimension = extension Н

DIF

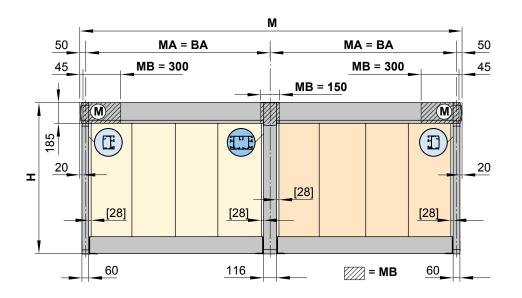
= overall awning width MA + 100 mm

MA = *order dimension* = awning fixture width = fixture width

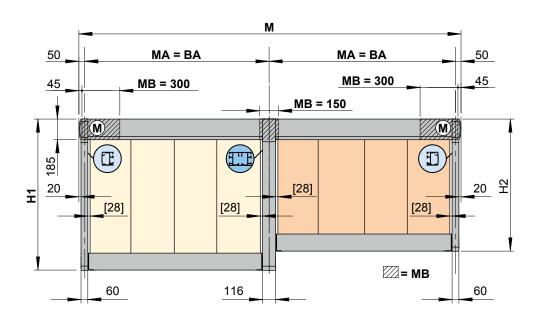
MB = bracket fixture range

 \mathbf{M} = motor

Coupled unit, 2 fields, 2 motors



Coupled unit, 2 fields, 2 motors, asymmetrical guide track extensions



[...] = dimensions of the cover gap in a standard unit, H2 = shorter extension

no cover gap in units with tracfix system

= width between fixture points BA

DIF = difference in measurement

= *order dimension* = extension Н

H1 = longer extension

= overall awning width MA + 100 mm

MA = *order dimension* = awning fixture width = fixture width

MB = bracket fixture range

 \mathbf{M} = motor

Coupled unit, 3 fields, 2 motors

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ΚA EΑ 50 MA = BA MA = BA MA = BA 50 45 MB = 300MB = 150 MB = 150MB = 30045 M185 _20 **工** 20 [28] [28] [28] [28] [28] [28] 60 116 116 ////= MB 60

Coupled unit, 3 fields, 3 motors

M EΑ EΑ EΑ MA = BA MA = BAMA = BA50 50 MB = 300MB = 150 MB = 150 MB = 30045 45 M (M) \square 185 20 **エ** 20 [28] [28] [28] [28] [28] [28] 60 116 116 ////= MB 60

[...] = dimensions of the cover gap in a standard unit, KA = coupled unit

no cover gap in units with tracfix system

= width between fixture points BA

DIF = difference in measurement

EΑ = single unit

= order dimension = extension Н

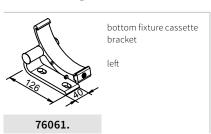
= overall awning width MA + 100 mm

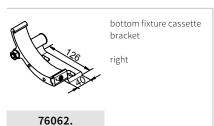
MA = order dimension = awning fixture width = fixture width

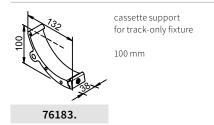
MB = bracket fixture range

(M) = motor

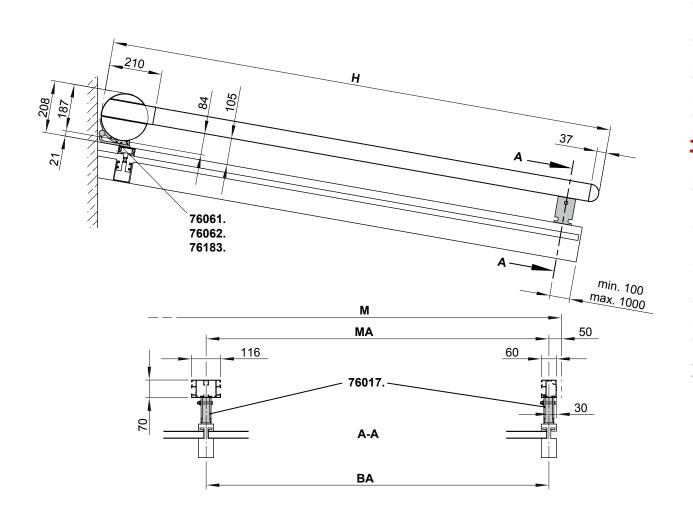
Fixtures, fittings and accessories











BA = width between fixture points

H = *order dimension* = extension

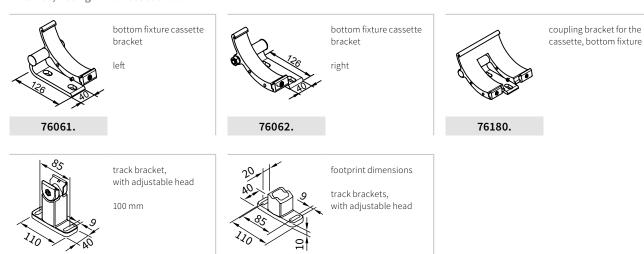
M = overall awning width

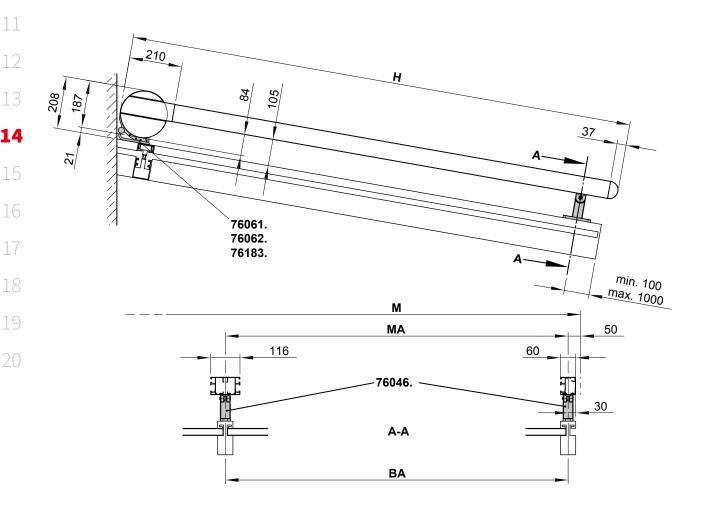
MA = *order dimension* = awning fixture width = fixture width

Fixtures, fittings and accessories

76046.

01





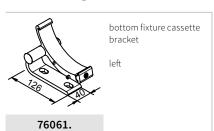
BA = width between fixture points

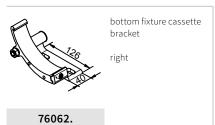
H = *order dimension* = extension

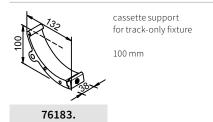
M = overall awning width

MA = *order dimension* = awning fixture width = fixture width

Fixtures, fittings and accessories







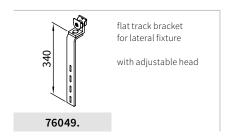
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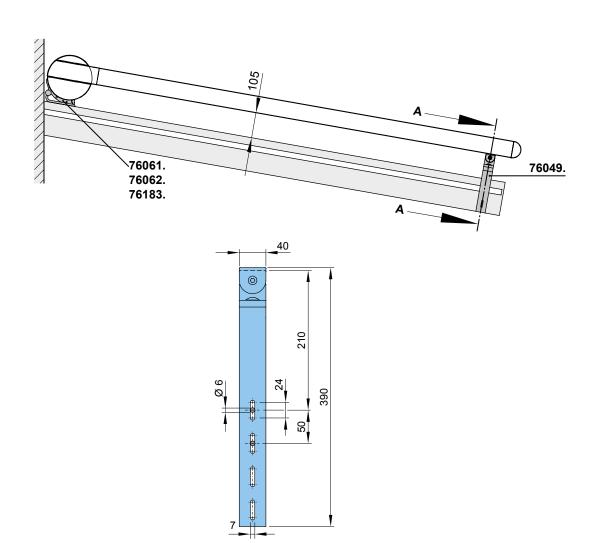
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Alternative installation options

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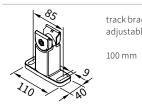
A—A MA max. 67 max. 67 min. 46 MA min. 46 MΑ MΑ max. 73 max. 73 min. 36 min. 36 (V2) MΑ min. 17 min. 17 MA max. 20 max. 20

MA = *order dimension* = awning fixture width = fixture width

V1, V1, V3 = version dimensions in mm

Overview of dimensions, fixture type 61 (up to an extension of 400 cm)

Fixtures, fittings and accessories



track bracket, with adjustable head



raised cassette bracket foot can be tilted backwards by up to 45°, head of cassette fixture bracket can be tilted forwards by up to 45°

left



76068.

raised cassette bracket foot can be tilted backwards by up to 45°, head of cassette fixture bracket can be tilted forwards by up to 45°

right



76046.

raised cassette bracket foot can be tilted backwards by up to 45°, head of cassette fixture bracket can be tilted forwards by up to 45°

for coupling point bottom fixture

A—A

M

76046.

MA

76046.

MA

76046.

76067.

76198.

76068.

BA = width between fixture points

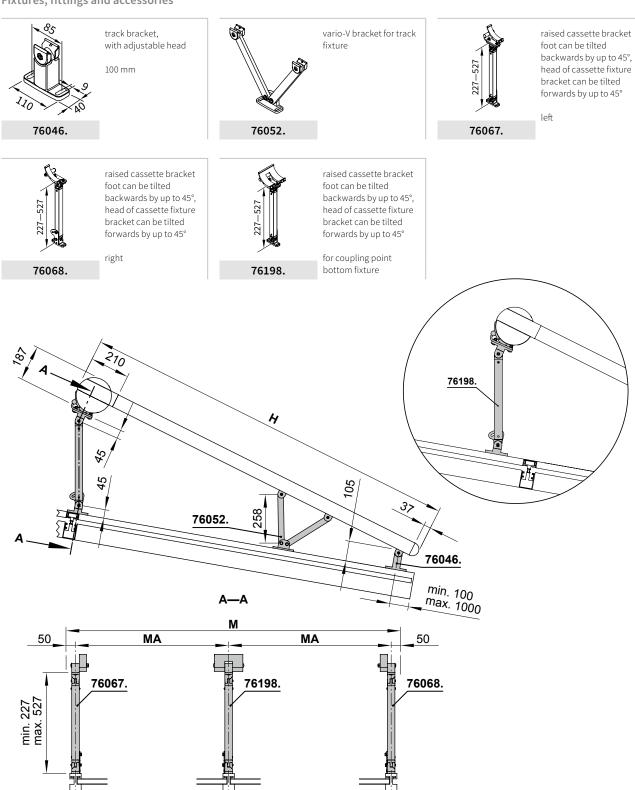
H = *order dimension* = extension

M = overall awning width

MA = *order dimension* = awning fixture width = fixture width

Overview of dimensions, fixture type 81 (from an extension of 400 cm)

Fixtures, fittings and accessories



ВА

BA = width between fixture points

H = *order dimension* = extension

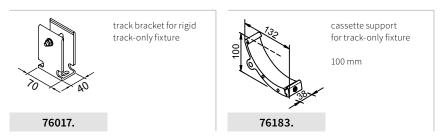
M = overall awning width

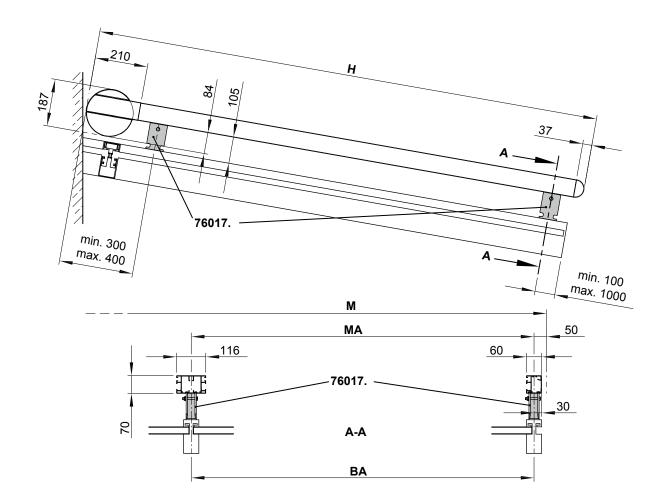
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MA = order dimension = awning fixture width = fixture width

ВА

Fixtures, fittings and accessories





BA = width between fixture points

H = *order dimension* = extension

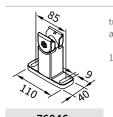
M = overall awning width

MA = order dimension = awning fixture width = fixture width

dimensions in mm

15

Fixtures, fittings and accessories

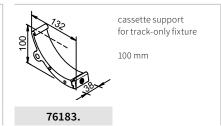


track bracket,with adjustable head

95 152

76099.

angled adapter plate for rounded mullions L/R incl. fixture bolts required in addition to fixture combination 32



76046.

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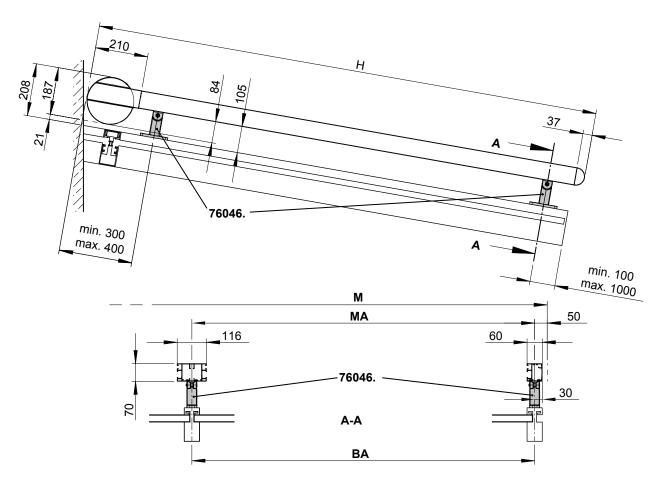
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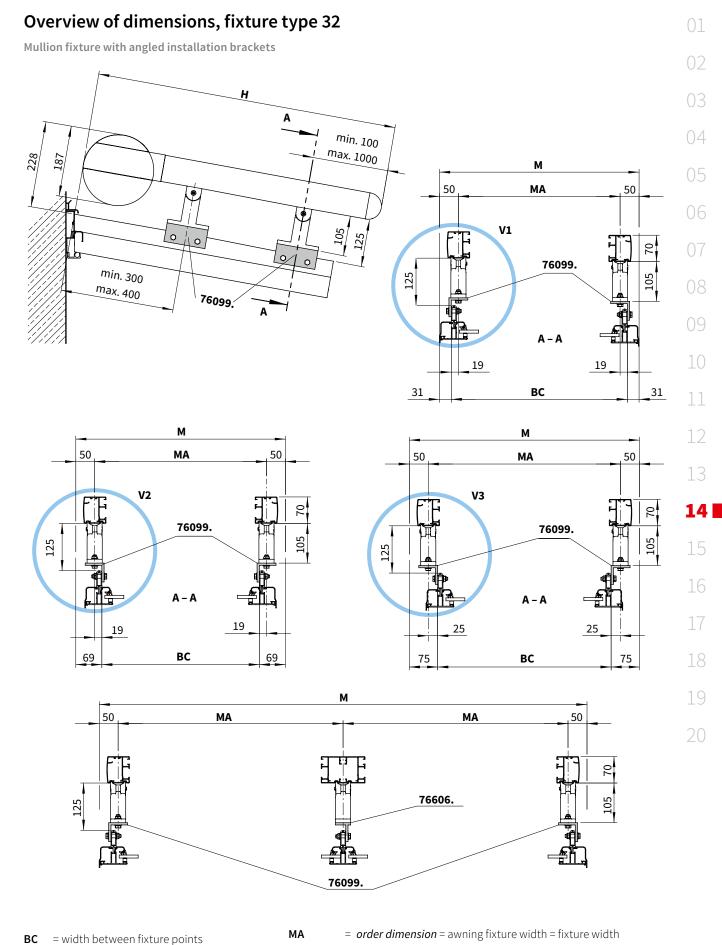


BA = width between fixture points

H = *order dimension* = extension

M = overall awning width

MA = order dimension = awning fixture width = fixture width



= *order dimension* = extension Н = overall awning width

М

V1, V2, V3 = version

Overview of dimensions, fixture type 12 (up to an extension of 400 cm)

Fixtures, fittings and accessories



340

76049.

face fixture cassette bracket

eft

5°-45° pitch adjustment range

flat track bracket for lateral fixture

with adjustable head



face fixture cassette bracket

right

5°-45° pitch adjustment range



cassette coupling bracket face fixture

central

5°-45° pitch adjustment range

76181.

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W 210 W AX5° 26 10° 32 15° 37 20° 43 ΑX 25° 47 84 30° 50 35° 52 40° 53 45° 53 76063. 76064. 76181. min. 100 max. 1000 M MΑ 50 116 60 76046. 30 A-A BA

AX = distance from cassette to wall

BA = width between fixture points

H = *order dimension* = extension

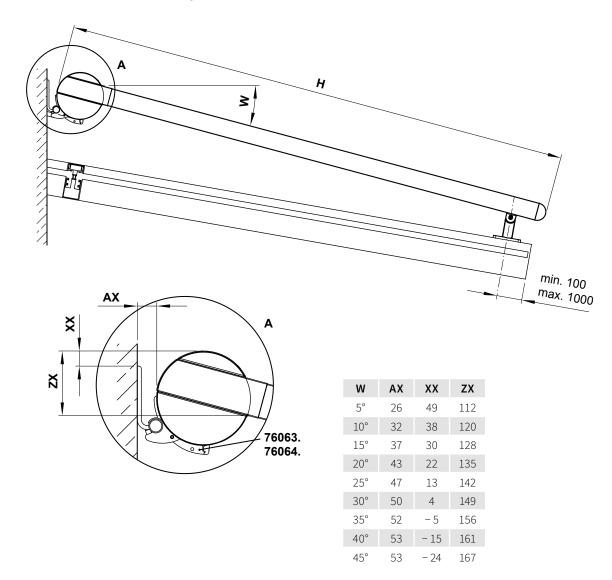
M = overall awning width

MA = *order dimension* = awning fixture width = fixture width

W = pitch

Overview of dimensions, fixture type 12 (up to an extension of 400 cm)

Face fixture and track brackets with adjustable head



AX = distance from cassette to wall

H = *order dimension* = extension

W = pitch

XX = distance upper edge bracket - cassetteZX = distance upper edge cassette - guide track

dimensions in mm

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Overview of dimensions, fixture type 51 (from an extension of 400 cm)

Fixtures, fittings and accessories

76063.

face fixture cassette bracket

eft

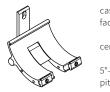
pitch adjustment range

76064.

face fixture cassette bracket

right

5°-45° pitch adjustment range



76181.

cassette coupling bracket face fixture

central

5°–45° pitch adjustment range

)6 —)7

01

track bracket, with adjustable head

100 mm

refer also to the section "installation dimensions"

76046.

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15

17

18

20

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	АХ
2	:6
3	2
37	,
	43
4	
	50
52	
53	
	53

AX = distance from cassette to wall

BA = width between fixture points

H = *order dimension* = extension

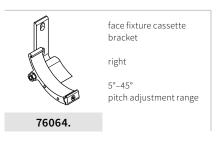
M = overall awning width

MA = *order dimension* = awning fixture width = fixture width

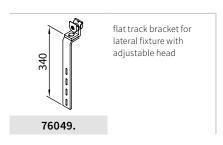
W = pitch

Fixtures, fittings and accessories









W	AX
5°	26
LO°	32
15°	37
20°	43
25°	47
30°	50
35°	52
40°	53
45°	53

AX = distance from cassette to wall
 BA = width between fixture points
 H = order dimension = extension

M = overall awning width

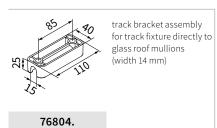
MA = order dimension = awning fixture width = fixture width

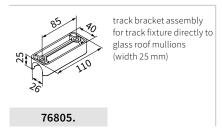
W = pitch

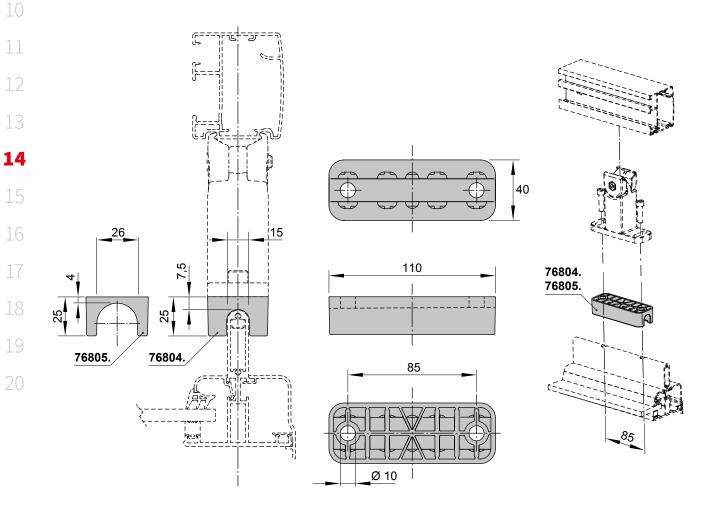
Overview of dimensions, additional brackets for mullion fixture

Fixtures, fittings and accessories

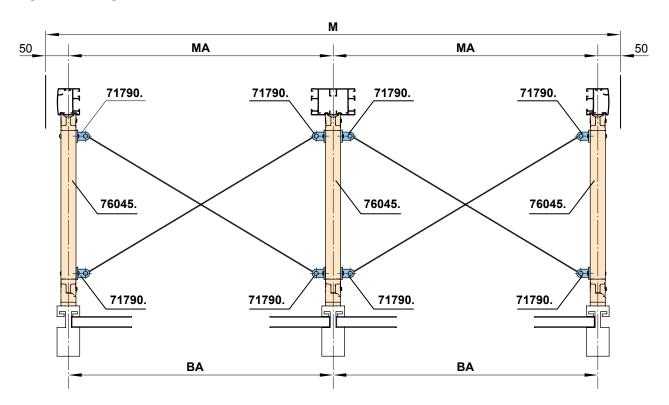
01



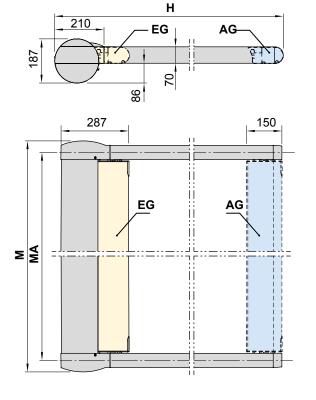




Diagonal tensioning kit for raised bottom fixture



Distance from the back of the cassette to the leading edge of the front profile



AG = extended

BA = width between fixture points

EG = retracted

H = *order dimension* = extension

M = overall awning width

MA = order dimension = awning fixture width = fixture width

dimensions in mm

13

04

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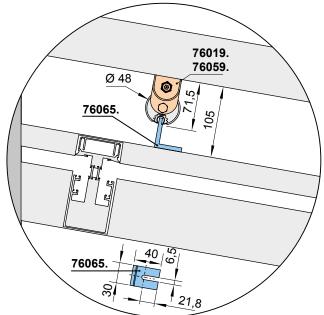
12

17

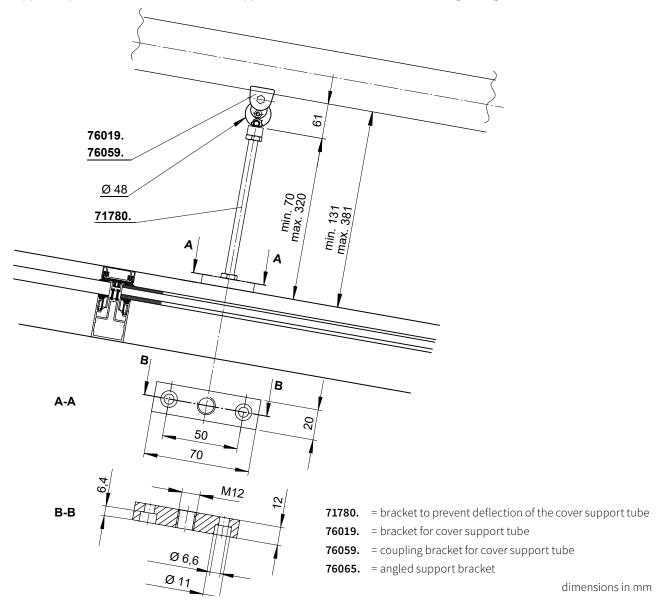
19

20

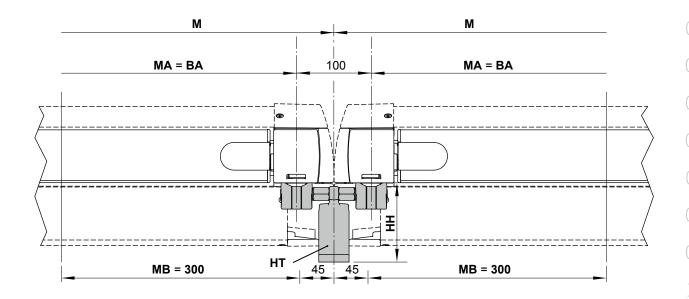
Support to prevent deflection of the cover support tube, 100 mm



Support to prevent deflection of the cover support tube, can be shortened on site, height range 70-320 mm

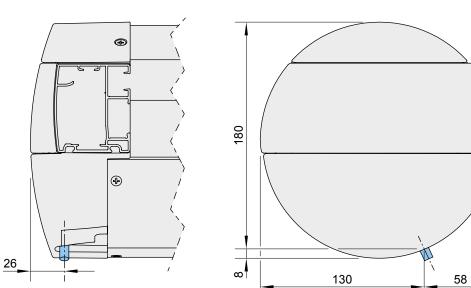


Overview of dimensions, double track bracket for single units



HT	76191.	76192.	76193.	76194.	
нн	105	145	145-505	205-505	

Motor cable exit point



= width between fixture points BA

= bracket height нн

= bracket ΗT

= overall awning width М

= order dimension = awning fixture width = fixture width MA

= bracket fixture range (cassette fixture bracket) MB

76191. = double track bracket 100 mm

76192. = double track bracket 140 mm

76193. = double track bracket 140–500 mm

76194. = double track bracket 200–500 mm

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