



Exterior awning

markilux 870 tracfix

The exterior awning for medium-sized areas with a round cassette.



reddot design award
winner 2017



GERMAN
DESIGN
AWARD
WINNER
2018

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markilux
safe timeless beautiful

www.samsonawings.co.uk

Product characteristics

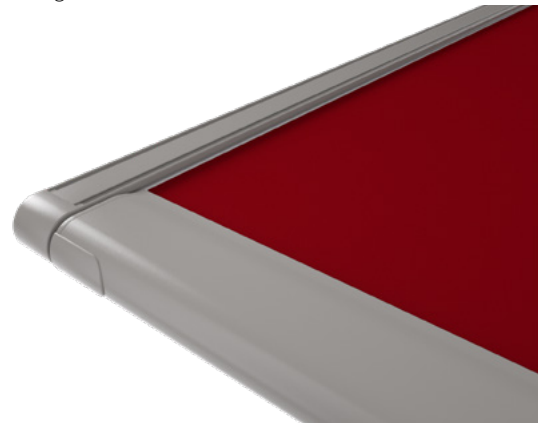
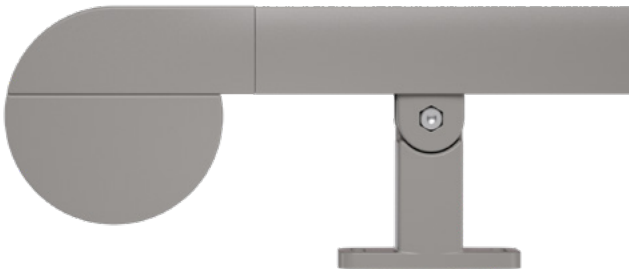
Wind resistance class 3

Beaufort 6 → 38–48 km/h → 10.5–13.4 m/s → 24–30 mph

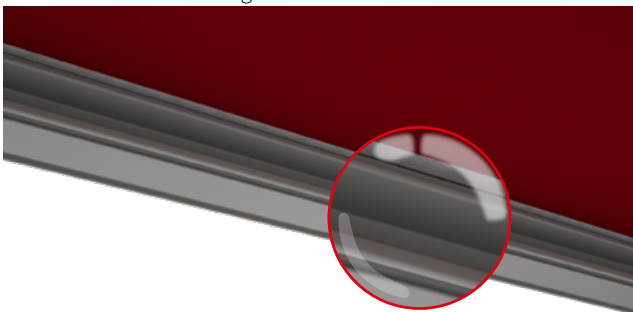


1 side view
track-only fixture

2 front profile finishes flush with the
end of the guide tracks



3 tracfix cover guidance – no gap
between cover and guide track



Product characteristics

Description

- exterior awning for conservatories and glass canopies. One awning can shade an area of up to 16 m².

Special features

- fully encompassing cassette that protects the cover perfectly
- the tried and tested tensioning system – with drive belts and integrated gas pistons – delivers optimum cover tension in any phase of extension
- as standard with 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
- the broad range of brackets with patented clip-on system offers individual fixture solutions, from discrete to conspicuous

Dimensions

- single unit: awning fixture width 60 cm – 450 cm in width, maximum extension 400 cm
- maximum dimensions, awning fixture width × extension: 450 cm × 400 cm
- intermediate sizes are available

Roller tube and lateral bearings

- round roller tube Ø 85 mm with keyway, galvanised steel
- excellent stability, ensures near perfect cover performance even at the largest widths
- the roller tube bearing is made of stainless steel

Awning profiles

- extruded aluminium, in façade quality, powder coated
- cassette profile in two pieces, round, Ø 130 mm
- guide tracks angular, rounded edges, width × height 52 mm × 52 mm
- front profile rounded at the front, depth × height 110 mm × 52 mm

Side caps

- the cassette end caps are made of die-cast aluminium, in two parts, powder coated
- the front profile end caps are made of high-quality plastic, powder coated

Fixture brackets

- extruded aluminium, powder coated
- cassette is self-supporting on guide tracks
- brackets for the guide tracks: stand-off brackets, reveal fixture, flat track brackets for lateral fixture
- standard bracket heights: 105 mm / 145 mm / 100–500 mm (bespoke heights can be ordered)
- other accessories are available

Frame colours

markilux frame colours without surcharge

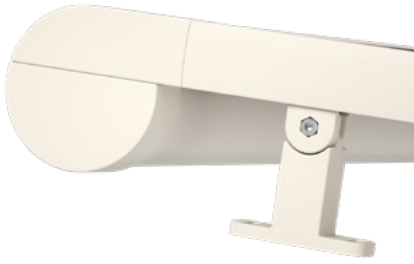
traffic white RAL 9016



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							Minimum fixture width	
		150	200	250	300	350	400	450		
Order dimensions		72	151	201	251	301	351	401	Hard-wired motor	Radio-controlled motor
		150	200	250	300	350	400	450		
Overall width		+ 5,4							72	82
H	150									
	200									
	250									
	300									
	350									
	400								107 ¹⁾	107 ¹⁾

dimensions in cm

1) = from an extension of 281 cm

H = extension

 = 4 brackets

 = 6 brackets

 = 6 brackets,
1 cover support tube

Operation

	standard	optional
crank handle	—	—
hard-wired motor	✓	—
silentec motor (optionally with an external io / RTS receiver)	—	—
radio-controlled motor io, 868 MHz	—	✓
radio-controlled motor RTS, 433 MHz	—	✓
radio-controlled motor RTS, 433 MHz with manual override	—	—

Coupled Awning

not available

Optional accessories

automatic controls (light, wind, rain)

N.B! Important background information can be found in the chapter "Optional Accessories".

Shadeplus / drop valance

not available

Awning cover	fabric range no.	standard	optional	awning fixture width	extension	cover manufacture
sunvas	301.. / 309..-315..	✓	—	≤ 400	≤ 400	LN
sunsilk	324.. / 325.. / 328.. / 369..	✓	—	≤ 400	≤ 400	LN
perfortex	331.. / 332..	✓	—	≤ 400	≤ 400	LN
sunvas (250 cm)	31008, -09, -13, -16, -18, -25, -27, -28, -31, -36, -37, -57, -58, 31109, -14, -17	✓	—	≤ 250		N
				≤ 400	≤ 243	N
transolair	338..	—	✓	≤ 400	≥ 244 ≤ 400	QN
transolair (120 cm)	339..	—	✓	≤ 400	≤ 400	LN
sunvas (320 cm)	31008, -09	✓	—	≤ 320		N
				≤ 400	≤ 313	N
				≤ 400	≥ 314	QN
vuscreen Alu	317..	—	✓	≤ 400	< 244	N
				≤ 400	≥ 244 ≤ 400	QN
				≥ 401	≤ 250	N
Soltis Perform 92	92-20..	—	✓	≤ 185	≤ 300	N
				≤ 400	≤ 194	N
				≥ 186 ≤ 400	≥ 195 ≤ 300	QN
perla	370..	—	✓	≤ 450	≤ 400	LN
perla FR	374.. / 375..	—	—			

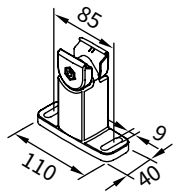
dimensions in cm

N = seamless

LN = vertical seam(s), panel width usually 120 cm

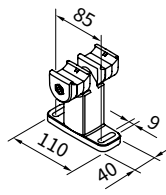
QN = horizontal seam(s)

Fixtures, fittings and accessories

**76046.**

track bracket
with adjustable head

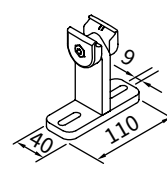
100 mm

**73634.**

double track bracket
with adjustable head

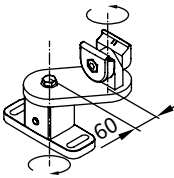
central bracket for 2
single units next to one
another

100 mm

**76055.**

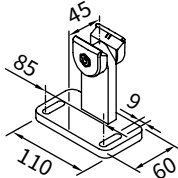
track bracket
for conservatory
transom fixture

100 mm

**76054.**

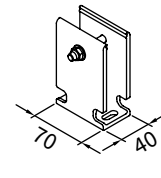
universal track bracket

100 mm

**76199.**

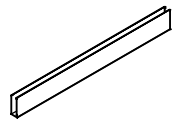
track bracket
with adapter plate

100 mm

**76017.**

track bracket for
track-only fixture

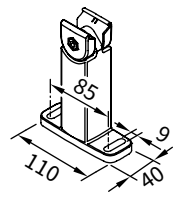
100 mm

**76013.**

track bracket for
track-only fixture

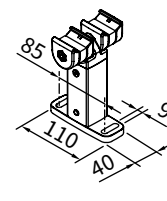
by the metre, undrilled
100 mm

maximum length: 6 m

**76048.**

track bracket
with adjustable head

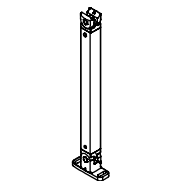
140 mm

**73636.**

double track bracket
with adjustable head

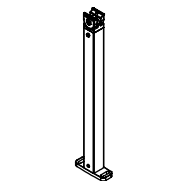
central bracket for 2
single units next to one
another

140 mm

**76045.**

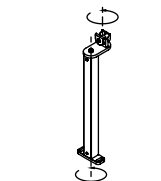
track bracket
top and bottom
with adjustable head

200–500 mm

**76047.**

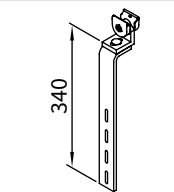
track bracket
with adjustable head

140–500 mm

**76053.**

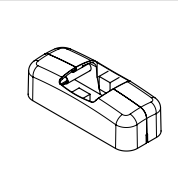
universal track bracket
with adjustable head

140–500 mm

**76049.**

flat track bracket
with adjustable head

for lateral guide track
fixture

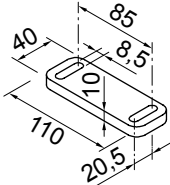
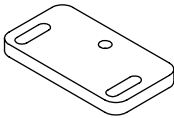
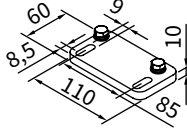
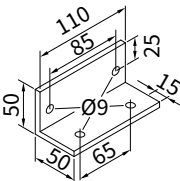
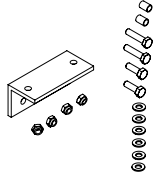
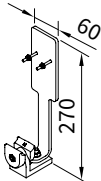
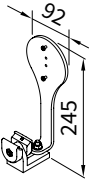
**2 × 76718.**

cover cap
for square track bracket

standard accessory for
bracket

dimensions in mm

Fixtures, fittings and accessories

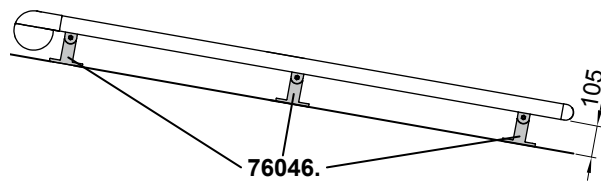
 spacer plate for track bracket 110 × 40 × 10 mm 78570.	 adapter plate for track bracket 110 × 60 × 10 mm 78158.	 adapter plate for track bracket 110 × 60 × 10 mm 78165.
 angled mounting bracket 76098.	 angled mounting bracket 76098. including coupling bolts 76099.	 fixture bracket for sun and/or wind and/or rain sensor 76050.
 bracket sun and/or wind sensor io 76723.		

dimensions in mm

Fixture types

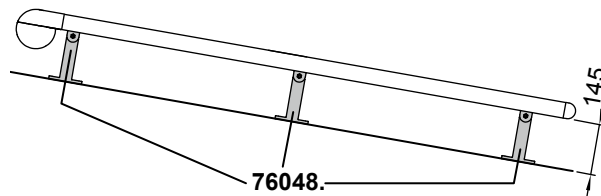
21

Clearance 105 mm



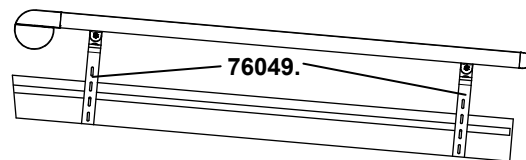
22

Clearance 145 mm



30

Flat track bracket

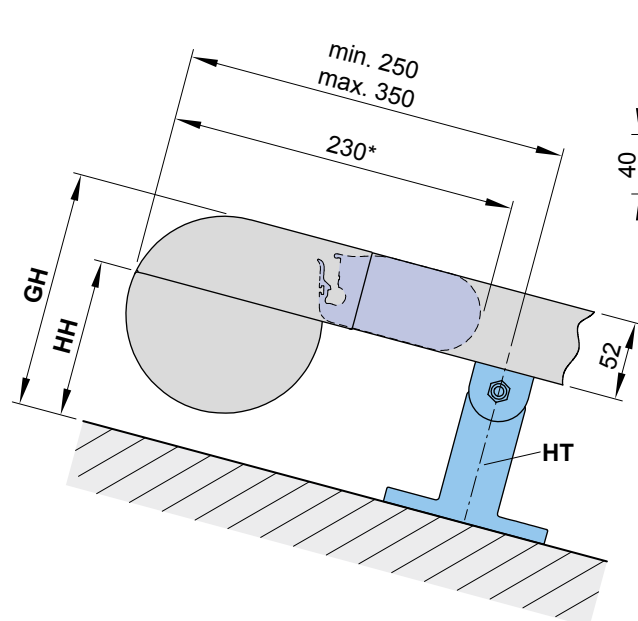


Individual choice of brackets:

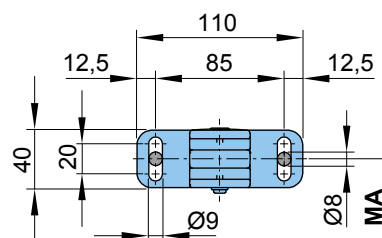
see "Fixtures, fittings and accessories". When

extension > 300 cm always with 3 brackets per guide track.

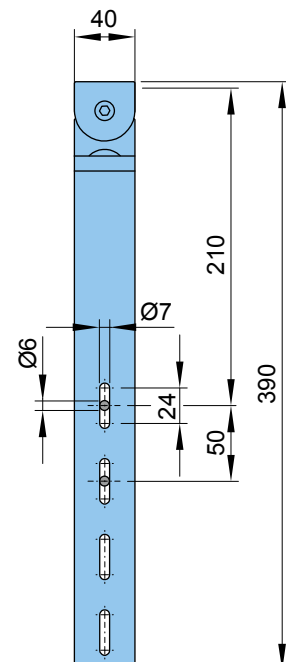
Overview of fixture dimensions



Fixture type 21, 22



Fixture type 30

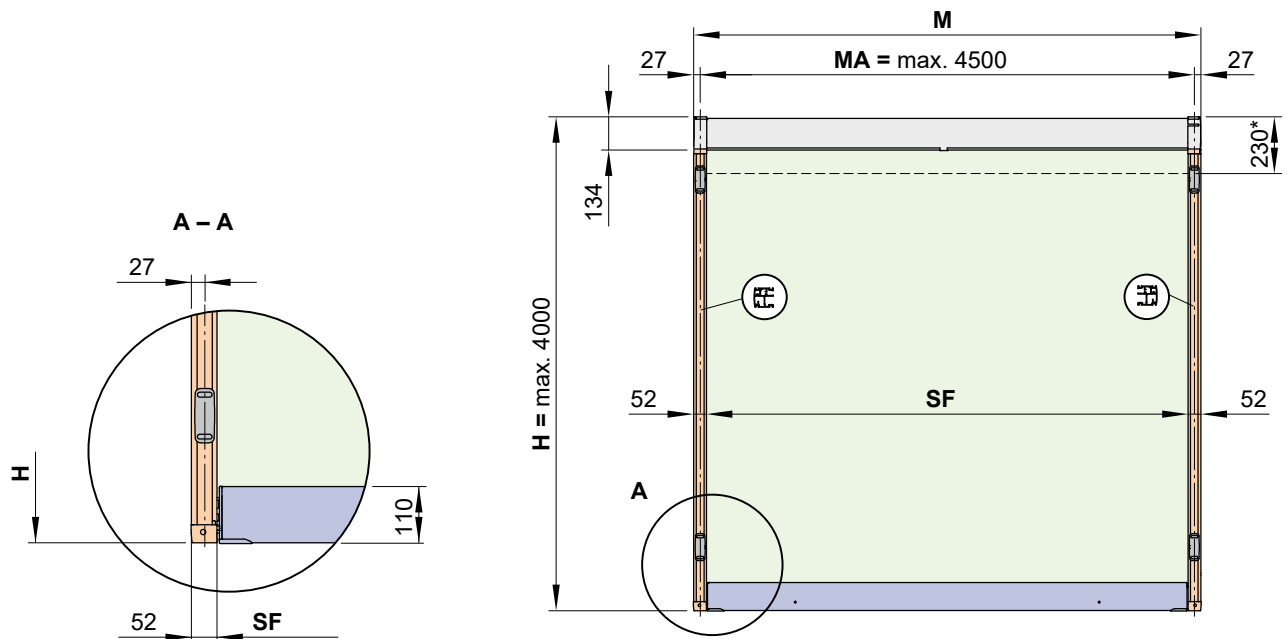


	Fixture type 21	Fixture type 22	Fixture type 30
HT	= bracket 76046.	76048.	76049.
HH	= bracket height	105	145
GH	= overall height	157	197
MA	= <i>order dimension</i> = awning fixture width = fixture width		
*	= unit depth when retracted		

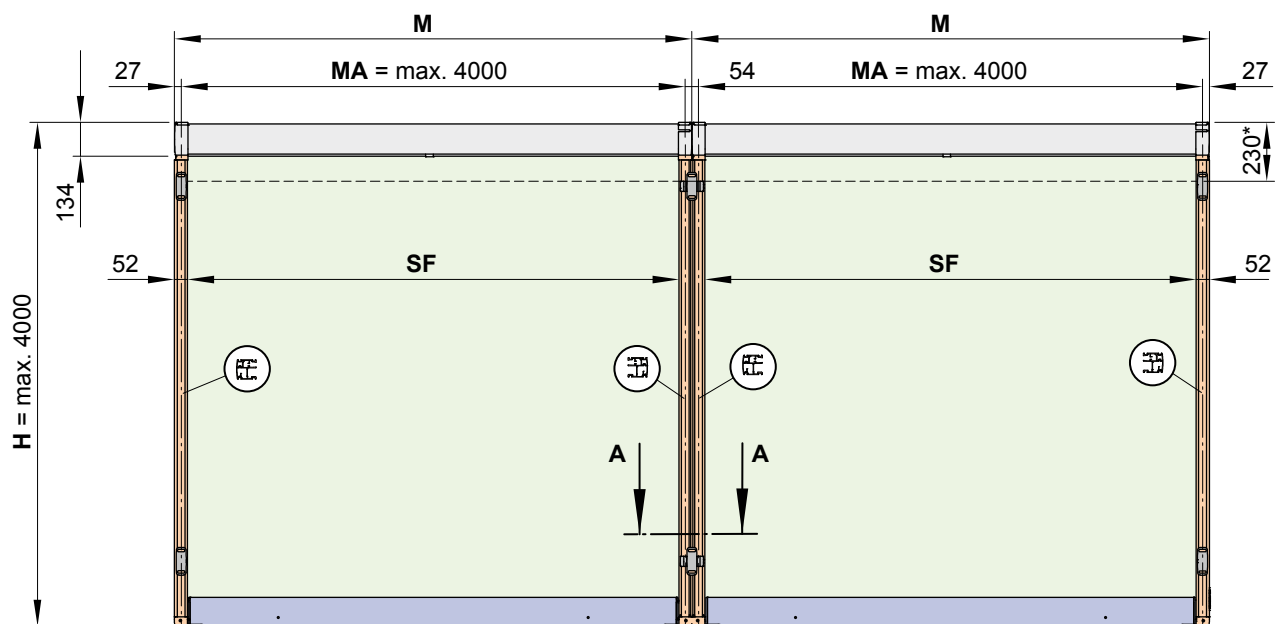
dimensions in mm

Overview of fixture dimensions

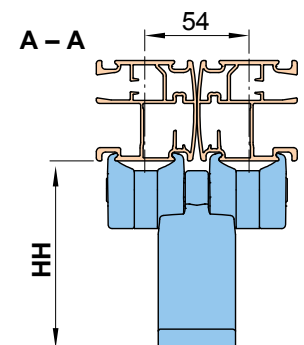
Single unit



Two single units - fixture via double track brackets



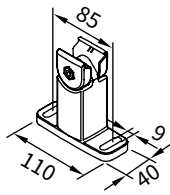
- * = unit depth when retracted
- H = *order dimension* = extension
- HH = bracket height
- M = overall awning width
- MA = *order dimension* = awning fixture width = fixture width
- SF = visible cover area



dimensions in mm

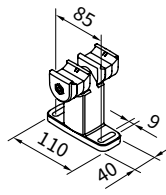
Dimension overview fixture types 21, 22

Fixtures, fittings and accessories



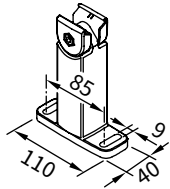
track bracket
with adjustable head
100 mm

76046.



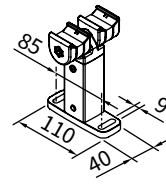
double track bracket
with adjustable head
central bracket for 2
single units next to one
another
100 mm

73634.



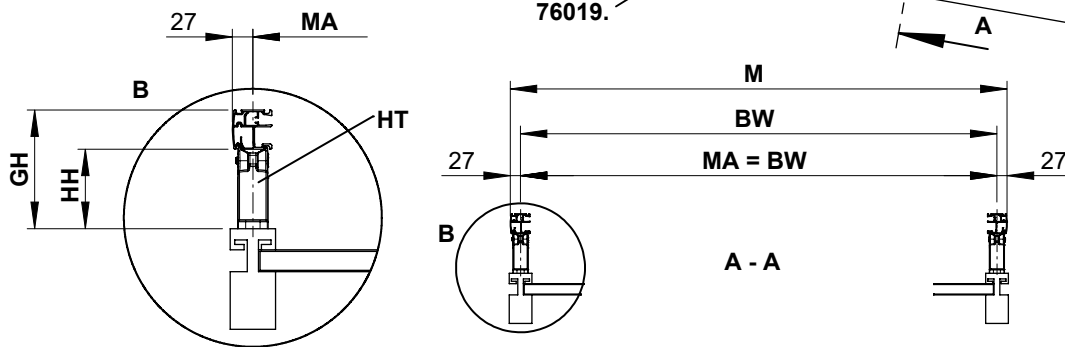
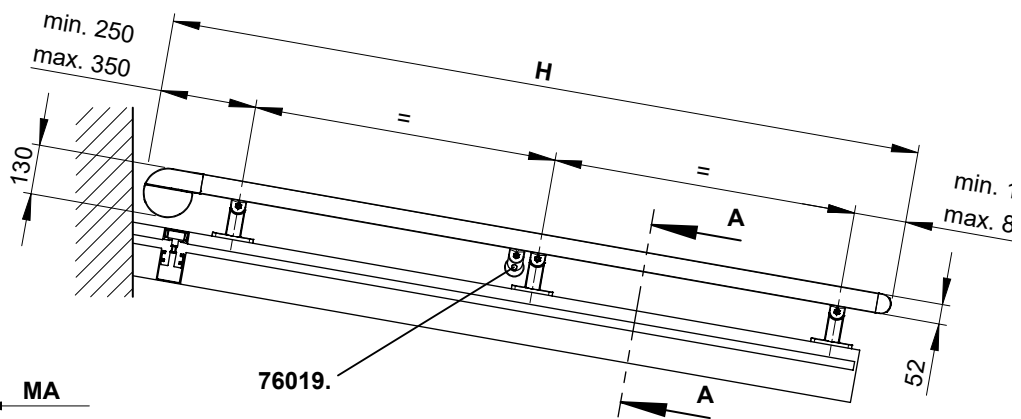
track bracket
with adjustable head
140 mm

76048.



double track bracket
with adjustable head
central bracket for 2
single units next to one
another
140 mm

73636.



76019. = bracket for cover support tube

BW = width between fixture points
on the conservatory

H = *order dimension* = extension

HH = bracket height

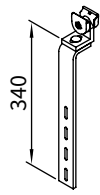
HT = bracket

M = overall awning width

MA = *order dimension* = awning fixture width = fixture width dimensions in mm

Dimension overview fixture type 30

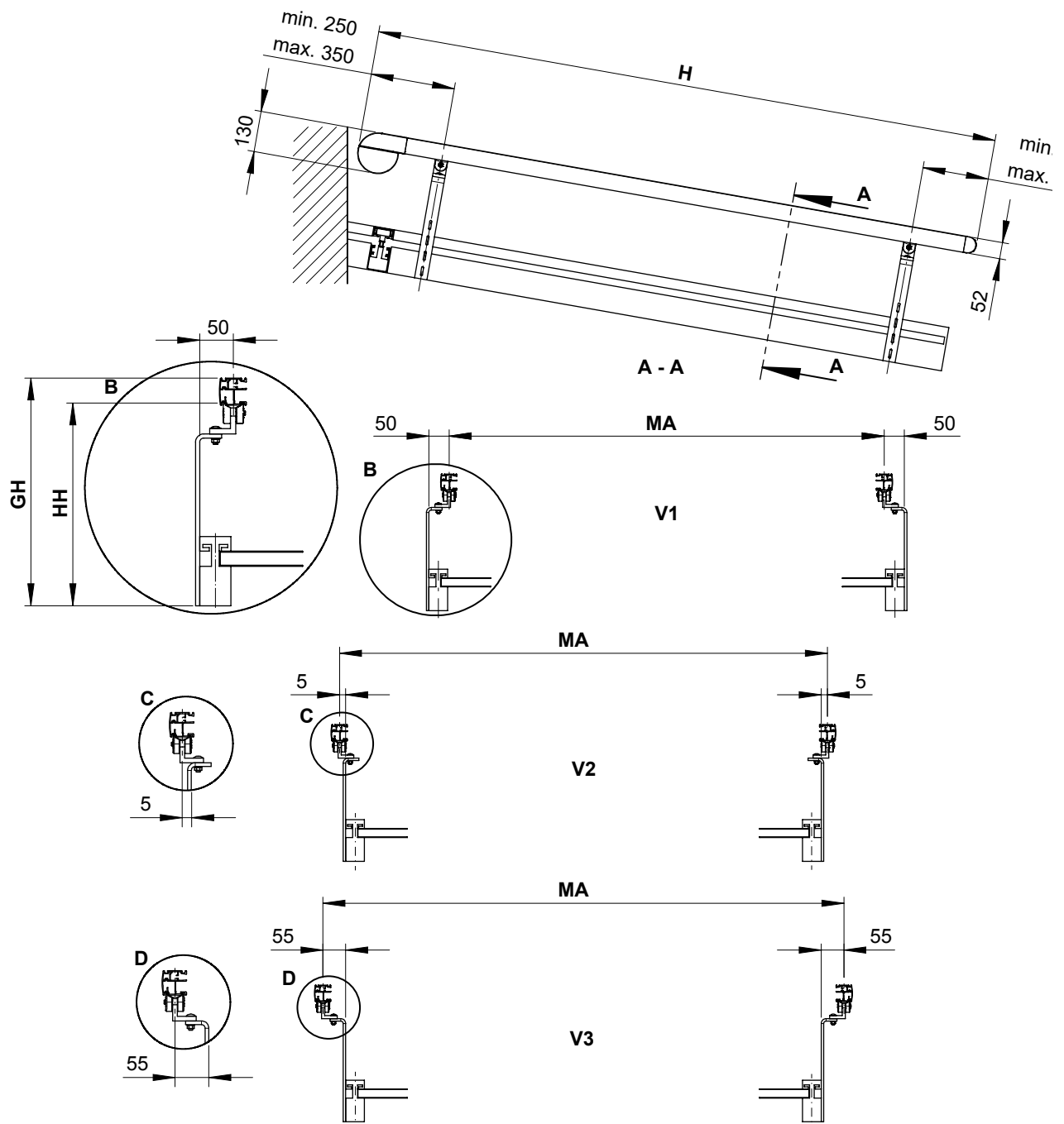
Fixtures, fittings and accessories



flat track bracket
with adjustable head

for lateral guide track
fixture

76049.



H = *order dimension* = extension

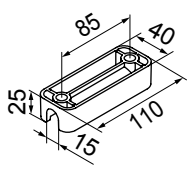
MA = *order dimension* = awning fixture width = fixture width

V1, V2, V3 = version

dimensions in mm

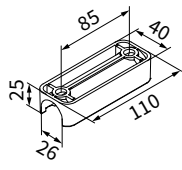
Dimension overview eaves fixture with additional bracket fitting

Fixtures, fittings and accessories



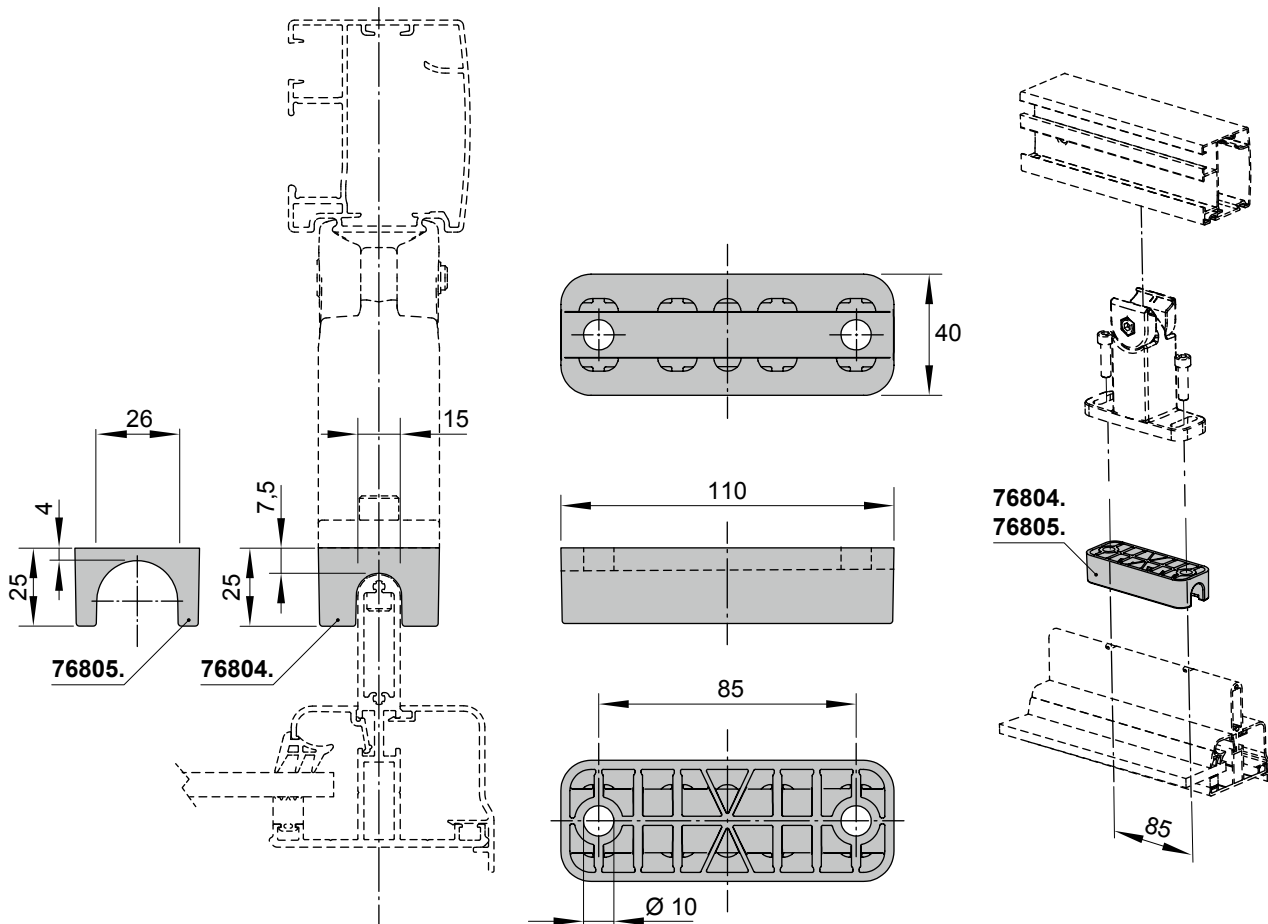
track bracket accessory
for track fixture directly
on top of the glazing bars
(width 14 mm)

76804.



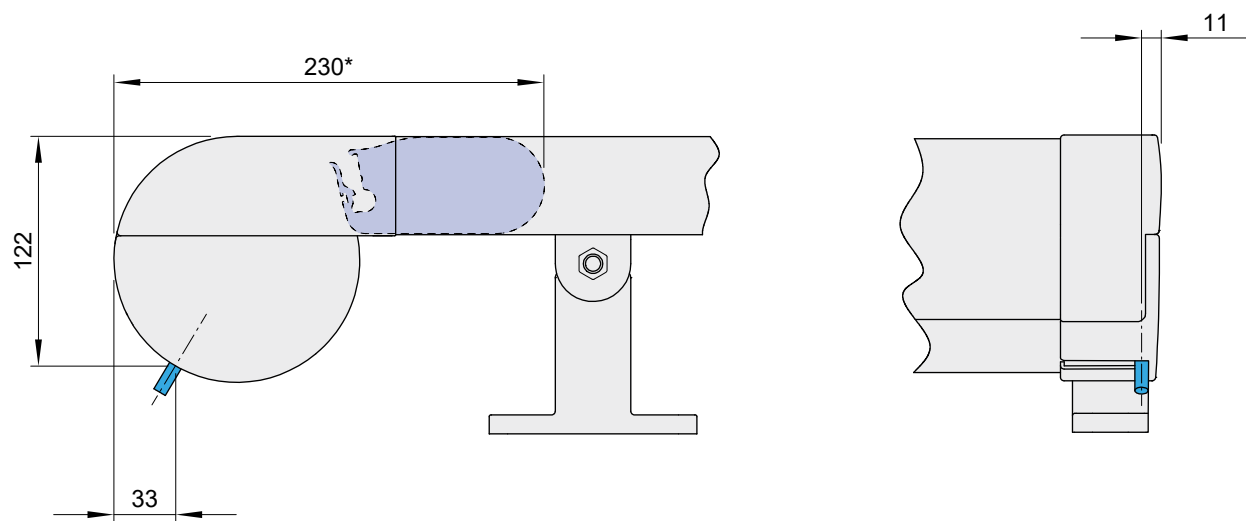
track bracket accessory
for track fixture directly
on top of the glazing bars
(width 25 mm)

76805.



dimensions in mm

Motor cable exit point



* = unit depth when retracted

dimensions in mm

01

02

03

04

05

06

07

08

09

10

11

12

13

14

15

16

 **17**

18

19

20