



Exterior awning

## **markilux 770 tracfix**

The clean and concise exterior awning for medium-sized areas.



reddot design award  
winner 2017



GERMAN  
DESIGN  
AWARD  
WINNER  
2018

[markilux.com](http://markilux.com)

**markilux**

safe timeless beautiful

## Product characteristics

Wind resistance class 3

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

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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 m<sup>2</sup>.

### Special features

- fully encompassing cassette that protects the cover perfectly
- 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

### Dimensions

- single unit: 60 cm – 400 cm in width, maximum extension 400 cm
- maximum dimensions, width × extension: 400 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, height × depth 125 mm × 125 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

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01 **Frame colours**

02 **markilux frame colours without surcharge**

03 traffic white RAL 9016



04 metallic aluminium RAL 9006



05 grey brown, similar to RAL 8019



06 off-white textured finish, 5233 <sup>1)</sup>



07 stone grey metallic, 5215 <sup>1)</sup>



08 anthracite metallic, 5204 <sup>1)</sup>



09 Havana brown textured finish, 5229 <sup>1)</sup>



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**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.

<sup>1)</sup> textured finish

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


# Dimensions and configuration options


Single unit


Order dimensions	Awning fixture width							Minimum fixture width		
	150	200	250	300	350	400	450	Hard-wired motor	Radio-controlled motor	
	60	151	201	251	301	351	401			72
	150	200	250	300	350	400	450			
Overall width	+ 5,4									
H	150							107 <sup>1)</sup>	107 <sup>1)</sup>	
	200									
	250									
	300									
	350									
	400									

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
perfotex	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
				≤ 320		N
sunvas (320 cm)	31008, -09	✓	—	≤ 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..	—	—			

N = seamless

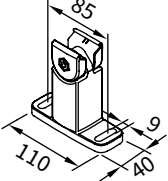
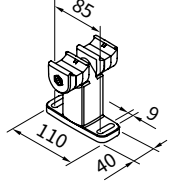
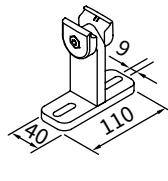
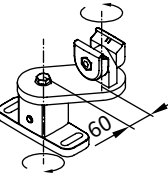
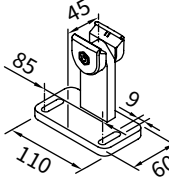
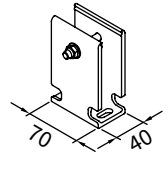
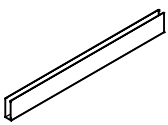
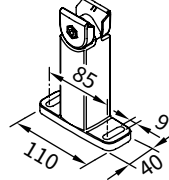
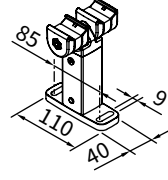
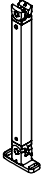
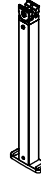
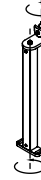
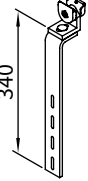
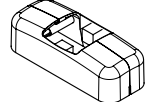
LN = vertical seam(s), panel width usually 120 cm

QN = horizontal seam(s)

dimensions in cm

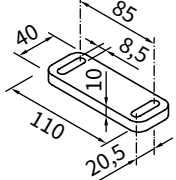
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## Fixtures, fittings and accessories

 <p>track bracket with adjustable head 100 mm</p> <p><b>76046.</b></p>	 <p>double track bracket with adjustable head central bracket for 2 single units next to one another 100 mm</p> <p><b>73634.</b></p>	 <p>track bracket for conservatory transom fixture 100 mm</p> <p><b>76055.</b></p>
 <p>universal track bracket 100 mm</p> <p><b>76054.</b></p>	 <p>track bracket with adapter plate 100 mm</p> <p><b>76199.</b></p>	 <p>track bracket for rigid track-only fixture 100 mm</p> <p><b>76017.</b></p>
 <p>track bracket for rigid track-only fixture by the metre, not pre-drilled 100 mm maximum length: 6 m</p> <p><b>76013.</b></p>	 <p>track bracket with adjustable head 140 mm</p> <p><b>76048.</b></p>	 <p>double track bracket with adjustable head central bracket for 2 single units next to one another 140 mm</p> <p><b>73636.</b></p>
 <p>track bracket top and bottom with adjustable head 200–500 mm</p> <p><b>76045.</b></p>	 <p>track bracket with adjustable head 100–500 mm</p> <p><b>76047.</b></p>	 <p>universal track bracket with adjustable head 140–500 mm</p> <p><b>76053.</b></p>
 <p>flat track bracket with adjustable head for lateral guide track fixture</p> <p><b>76049.</b></p>	 <p>cover cap for square track bracket standard accessory for bracket</p> <p><b>2 × 76718.</b></p>	

dimensions in mm

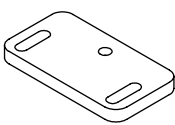
## Fixtures, fittings and accessories



spacer plate  
track bracket

110 × 40 × 10 mm

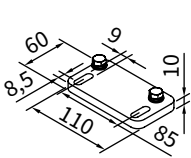
**78570.**



adapter plate  
for track bracket

110 × 60 × 10 mm

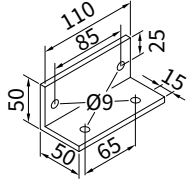
**78158.**



adapter plate  
for track bracket

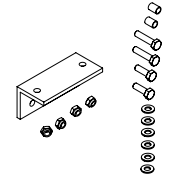
110 × 60 × 10 mm

**78165.**



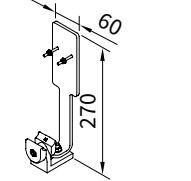
angled mounting bracket

**76098.**



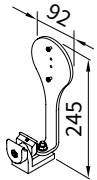
angled mounting bracket  
76098. including  
fastening bolts

**76099.**



fixture bracket for light  
and/or wind and/or rain  
sensor

**76050.**



bracket for sun and/or  
wind sensor io

**76723.**

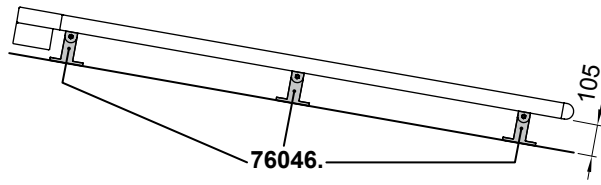
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dimensions in mm

## Fixture types

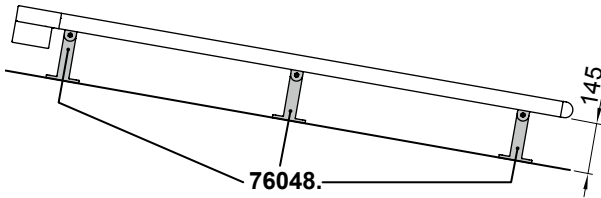
### 21

Clearance 105 mm



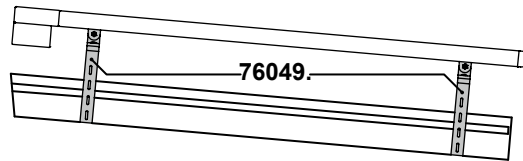
### 22

Clearance 145 mm



### 30

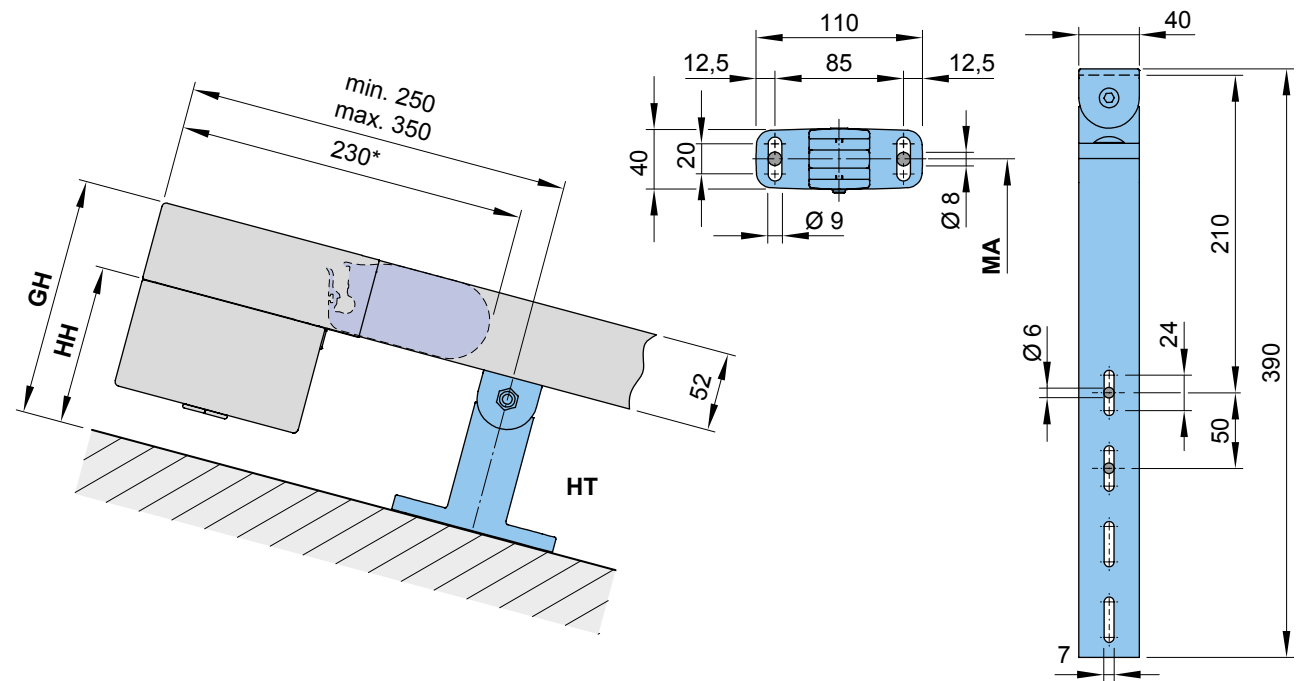
Flat track bracket



**Individual choice of brackets:**  
see "Fixtures (optional)".

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

## Dimension overview



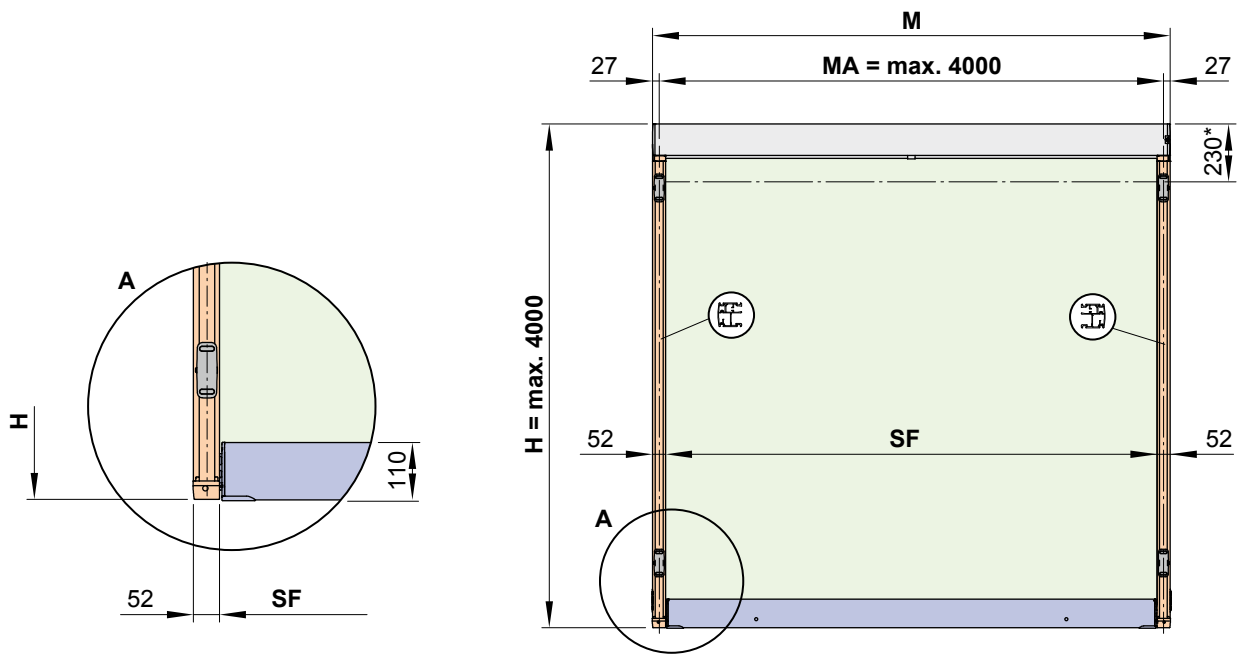
	Fixture type 21	Fixture type 22	Fixture type 30
HT	= bracket <b>76046.</b>	= bracket <b>76048.</b>	= bracket <b>76049.</b>
HH	= bracket height 105	= bracket height 145	= bracket height ca. 195–335
GH	= overall height 157	= overall height 197	= overall height ca. 247–387
MA	= <i>order dimension</i> = awning fixture width = fixture width		
*	= unit depth when retracted		

dimensions in mm

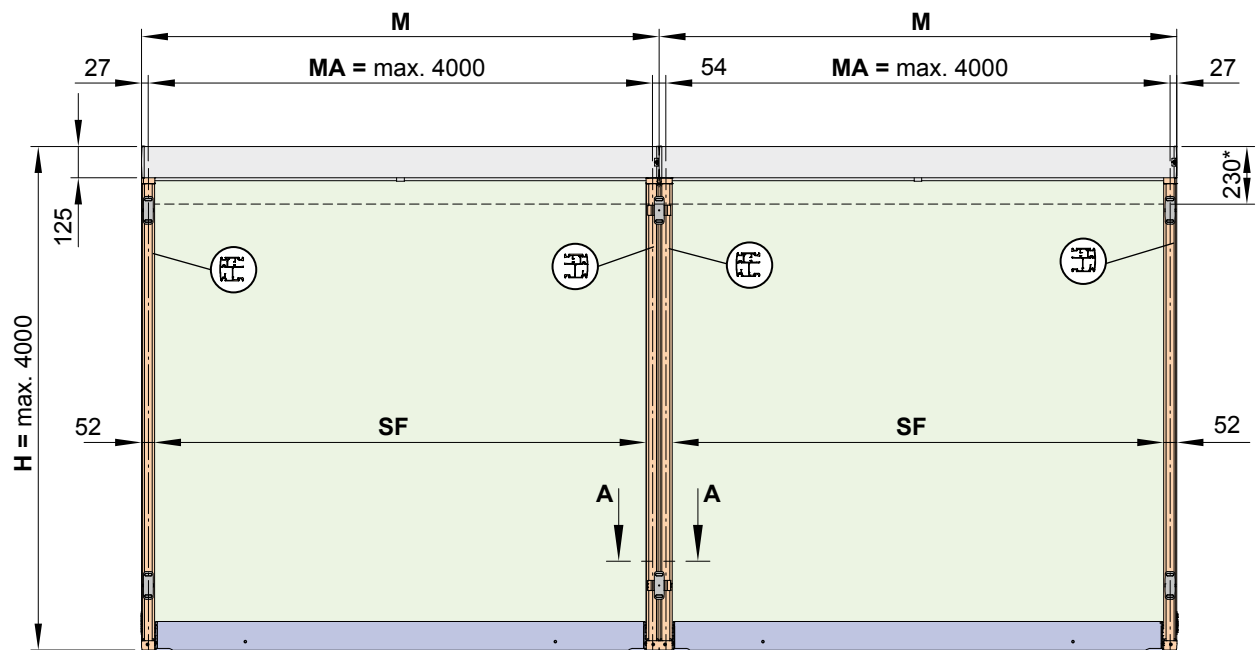


# Dimension overview

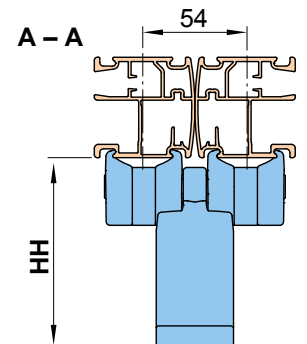
Single unit



Two single units - fixture via double track brackets



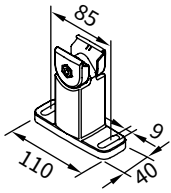
- \* = unit depth when retracted
- H = *order dimension* = extension
- HH = bracket height
- M = overall awning width
- MA = *order dimension* = awning fixture width = fixture width
- SF = visible cover area



dimensions in mm

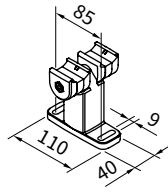
# Dimension overview fixture types 21, 22

## Fixtures, fittings and accessories



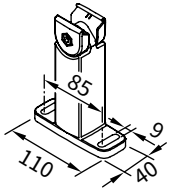
track bracket  
with adjustable head  
100 mm

76046.



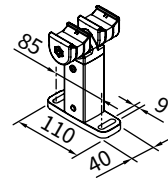
double track bracket  
with adjustable head  
central bracket for 2  
single units next to one  
another  
100 mm

73634.



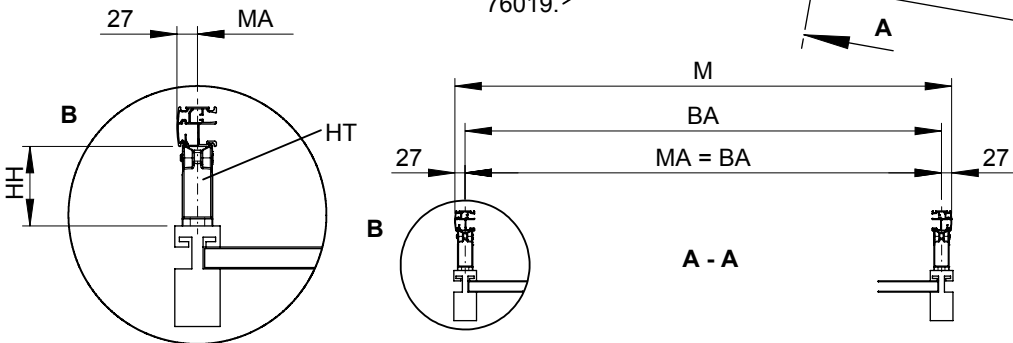
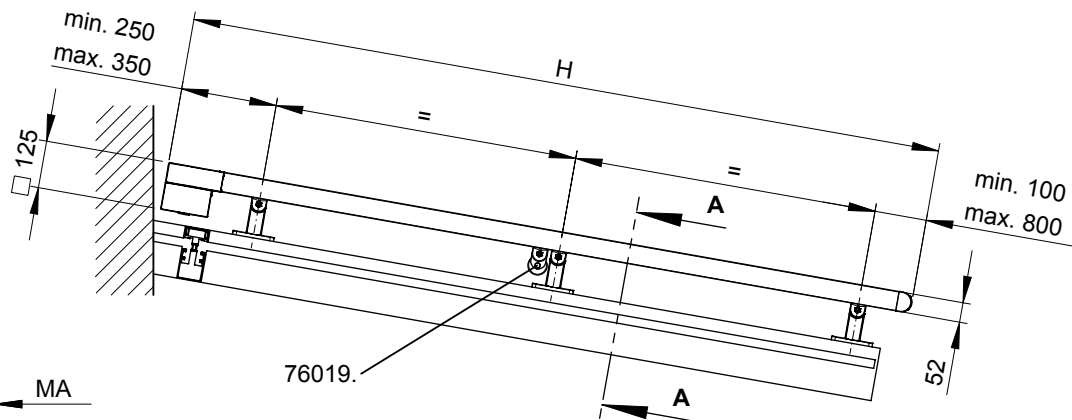
track bracket  
with adjustable head  
140 mm

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

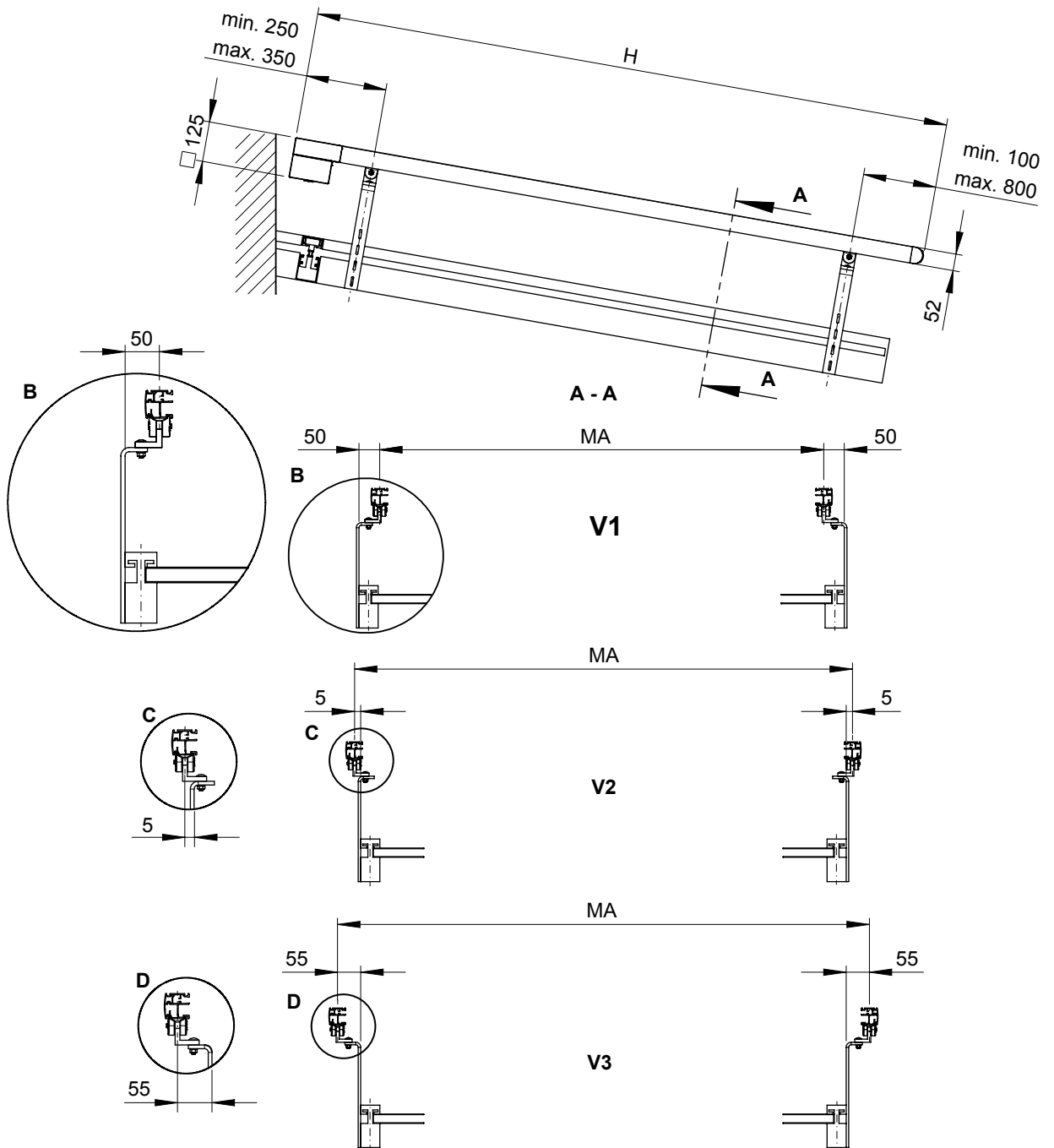
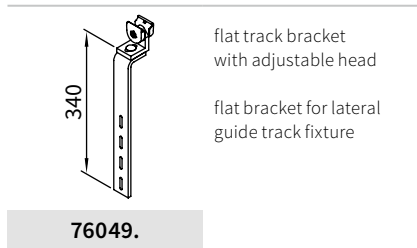
HT = bracket

M = overall awning width

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

# Dimension table fixture combination 30

Fixtures, fittings and accessories



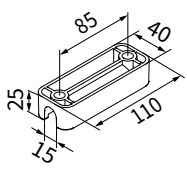
- H = order dimension = extension
- MA = order dimension = awning fixture width = fixture width
- V1, V2, V3 = version

dimensions in mm

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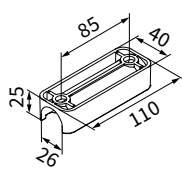
# Dimension overview eaves fixture with additional bracket fitting

## Fixtures, fittings and accessories



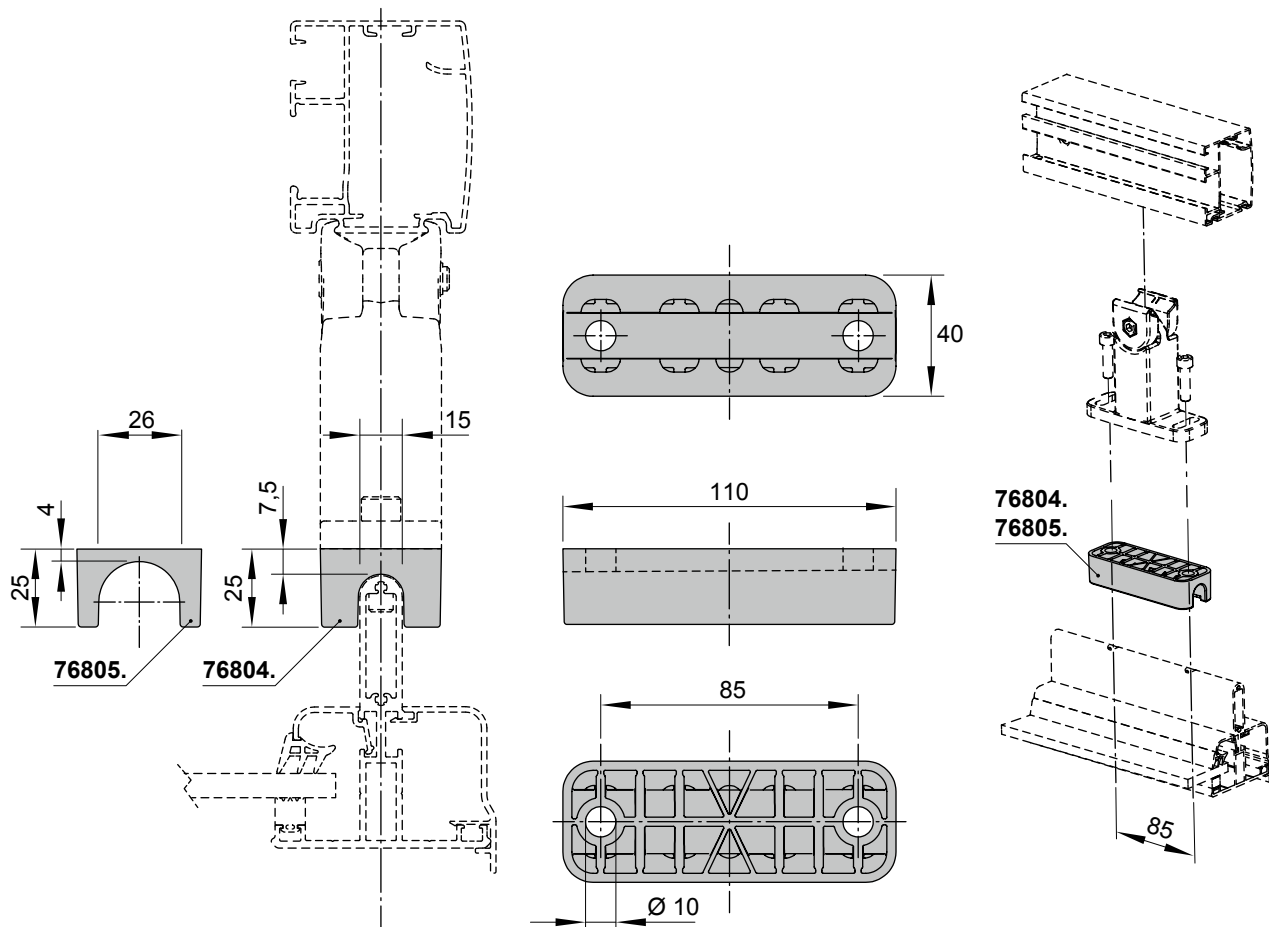
track bracket accessory for track fixture directly on top of the glazing bars (width 14 mm)

**76804.**



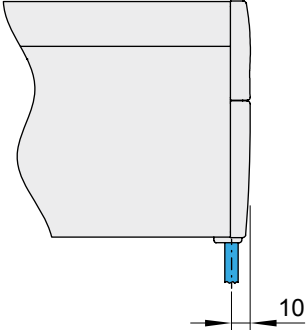
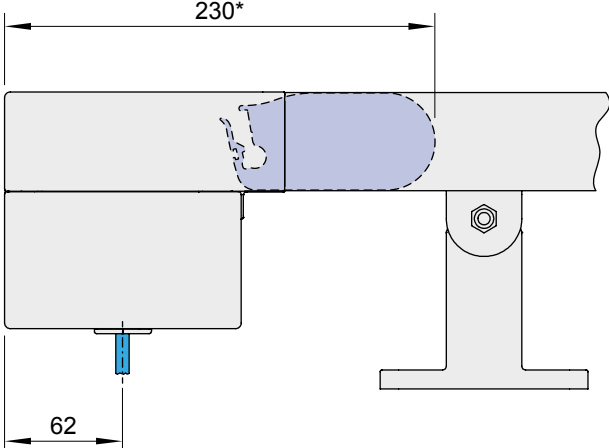
track bracket accessory for track fixture directly on top of the glazing bars (width 25 mm)

**76805.**



dimensions in mm

# Motor cable exit point



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\* = unit depth when retracted

dimensions in mm

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