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

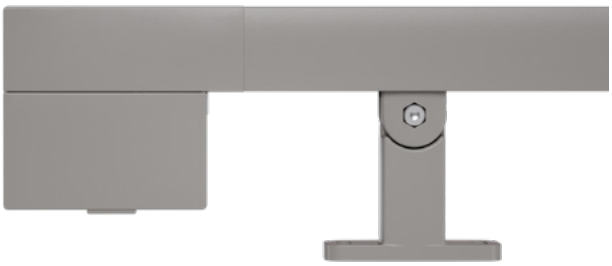
markilux.com

markilux
safe timeless beautiful

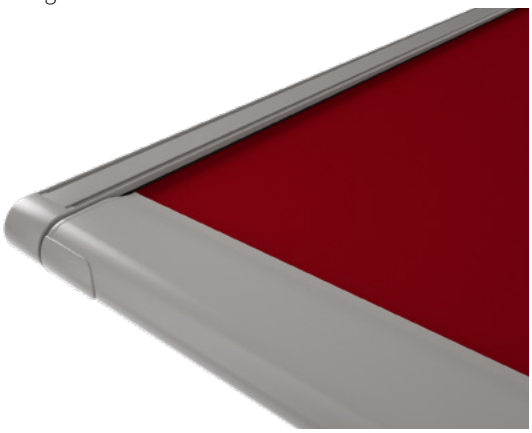
Product characteristics

Wind resistance class 3
Beaufort 6 → 38–48 km/h → 10.5–13.4 m/s → 24–30 mph

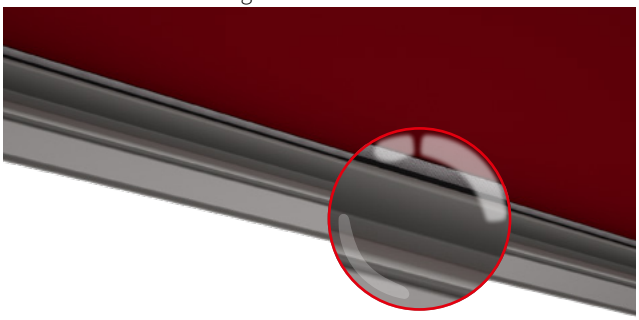
1 side view
track-only fixture



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

01
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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
- 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: 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, 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

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	Hard-wired motor	Radio-controlled motor
Order dimensions		60 – 150	151 – 200	201 – 250	251 – 300	301 – 350	351 – 400	401 – 450		
Overall width		+ 5,4								
H	150								72	82
	200									
	250									
	300								107 1)	107 1)
	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

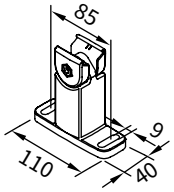
not available

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
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)

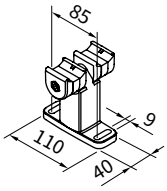
Fixtures, fittings and accessories



track bracket
with adjustable head

100 mm

76046.

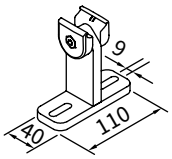


double track bracket
with adjustable head

central bracket for 2
single units next to one
another

100 mm

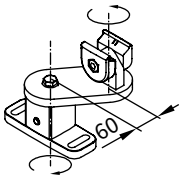
73634.



track bracket
for conservatory
transom fixture

100 mm

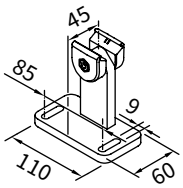
76055.



universal track bracket

100 mm

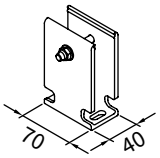
76054.



track bracket
with adapter plate

100 mm

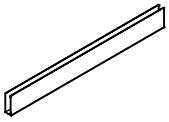
76199.



track bracket for
rigid track-only-fixture

100 mm

76017.

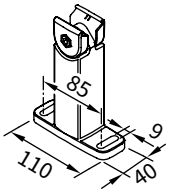


track bracket for
rigid track-only fixture

by the metre, not
pre-drilled
100 mm

maximum length: 6 m

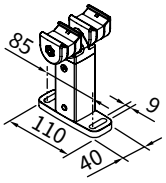
76013.



track bracket
with adjustable head

140 mm

76048.

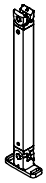


double track bracket
with adjustable head

central bracket for 2
single units next to one
another

140 mm

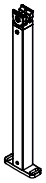
73636.



track bracket,
with adjustable head
and foot

200–500 mm

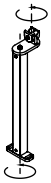
76045.



track bracket
with adjustable head

140–500 mm

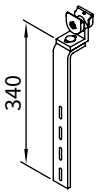
76047.



universal track bracket
with adjustable head

140–500 mm

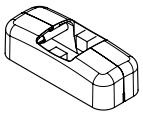
76053.



flat track bracket
with adjustable head

for lateral guide track
fixture

76049.



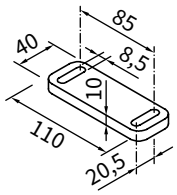
cover cap
for square track bracket

standard accessory for
bracket

2 × 76718.

dimensions in mm

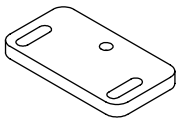
Fixtures, fittings and accessories



spacer plate
track bracket

110 × 40 × 10 mm

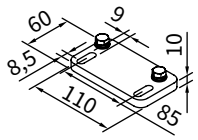
78570.



adapter plate
for track bracket

110 × 60 × 10 mm

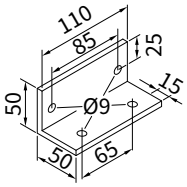
78158.



adapter plate
for track bracket

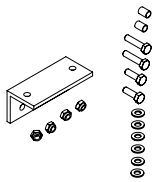
110 × 60 × 10 mm

78165.



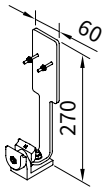
angled mounting bracket

76098.



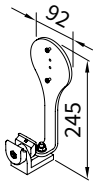
angled mounting bracket
76098. including
fastening bolts

76099.



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

76050.



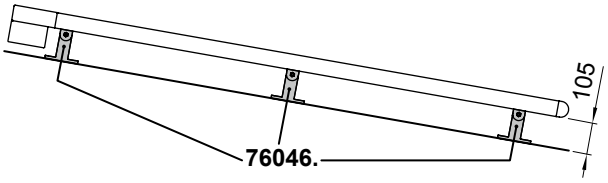
bracket for sun and/or
wind sensor io

76723.

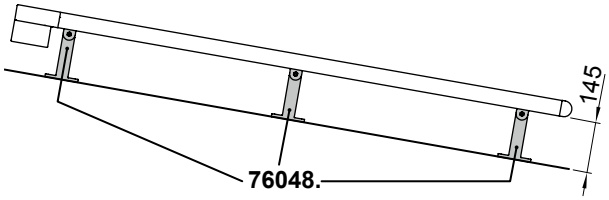
dimensions in mm

Fixture types

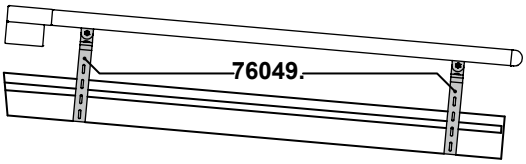
21
Clearance 105 mm



22
Clearance 145 mm

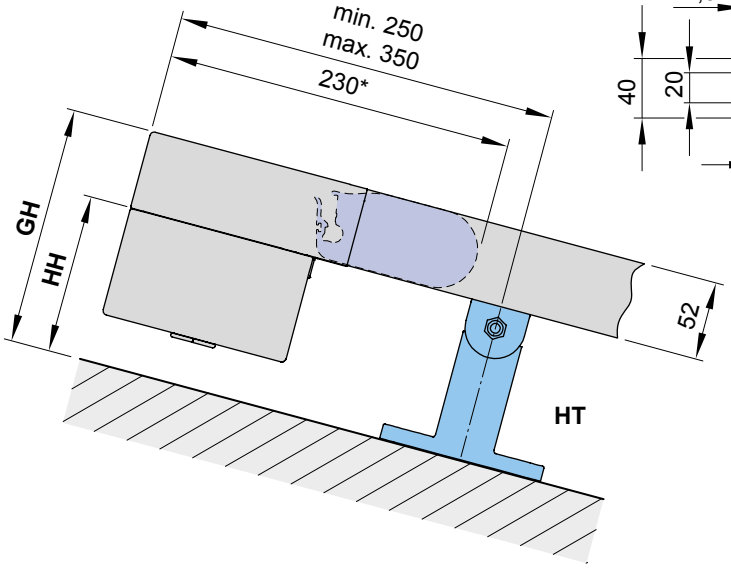


30
Flat track bracket

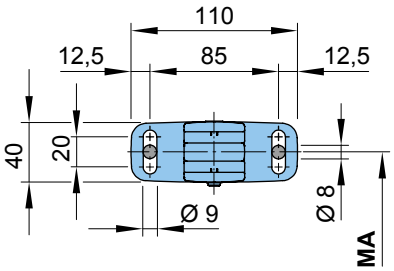


Individual choice of brackets:
see “Fixtures (optional)”.
When extension > 300 cm always with 3 brackets per guide track.

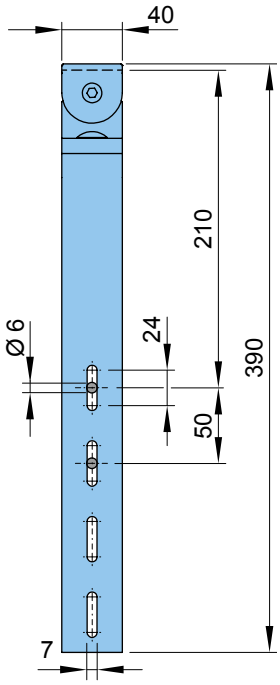
Dimension overview



Fixture type 21, 22



Fixture type 30



		Fixture type 21	Fixture type 22	Fixture type 30
HT	= bracket	**76046.**	**76048.**	**76049.**
HH	= bracket height	105	145	ca. 195–335
GH	= overall height	157	197	ca. 247–387

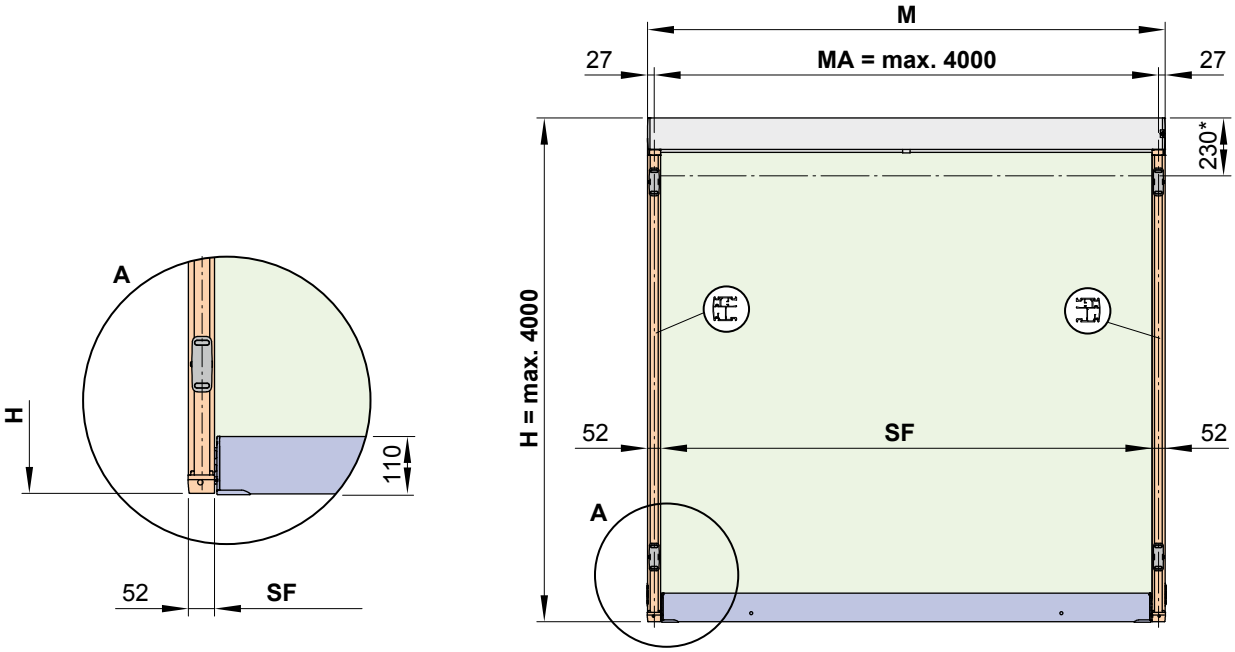
MA = *order dimension* = awning fixture width = fixture width

***** = unit depth when retracted

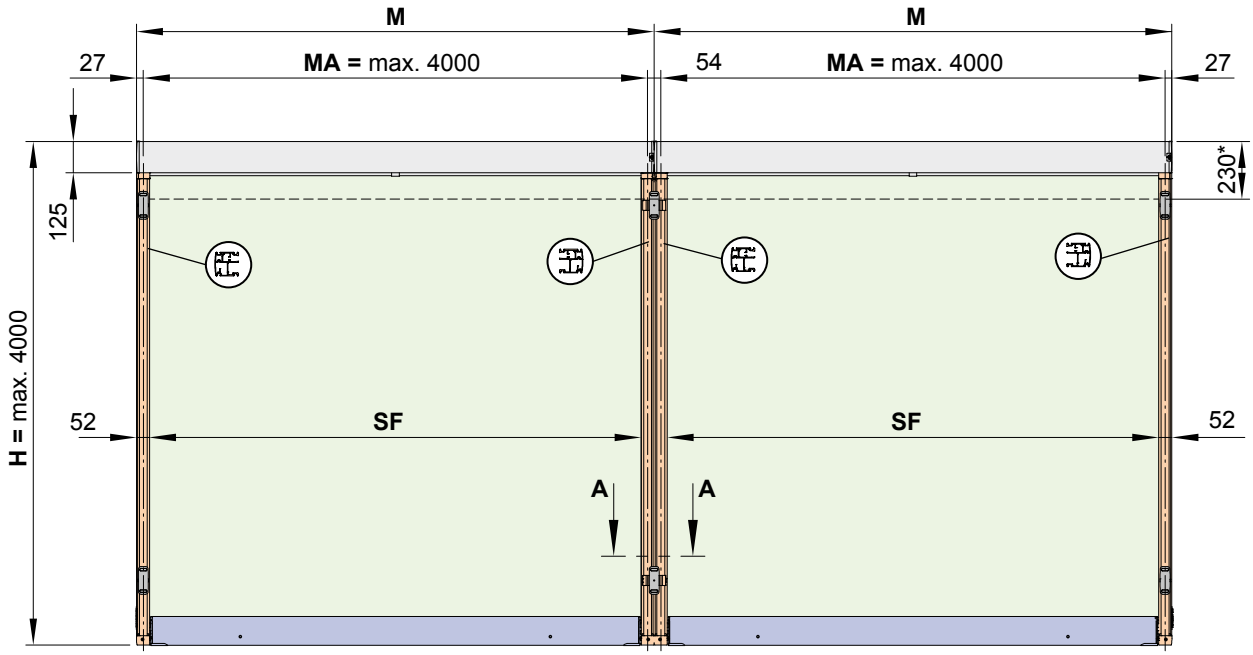
dimensions in mm

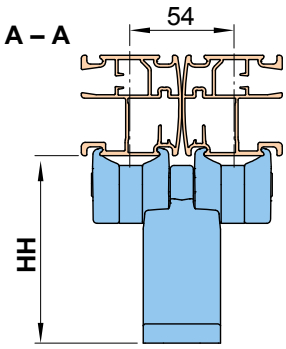
Dimension overview

Single unit



Two single units – fixture via double track brackets



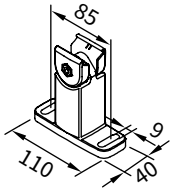


*	=	unit depth when retracted
H	=	*order dimension* = extension
HH	=	bracket height
M	=	overall awning width
MA	=	*order dimension* = awning fixture width = fixture width
SF	=	visible cover area

dimensions in mm

Dimension overview fixture types 21, 22

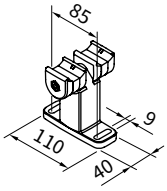
Fixtures, fittings and accessories



track bracket
with adjustable head

100 mm

76046.

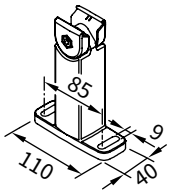


double track bracket
with adjustable head

central bracket for 2
single units next to one
another

100 mm

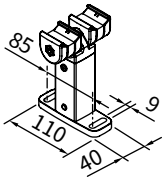
73634.



track bracket
with adjustable head

140 mm

76048.

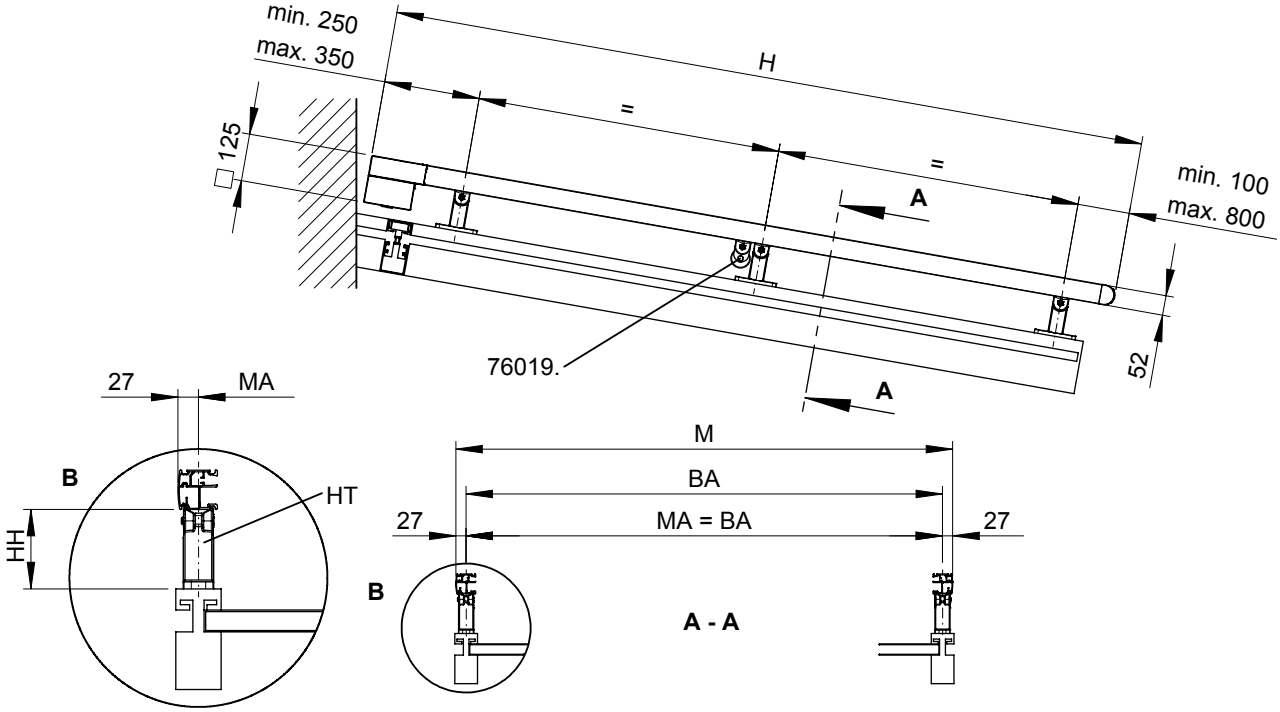


double track bracket
with adjustable head

central bracket for 2
single units next to one
another

140 mm

73636.

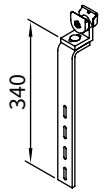


76019. = bracket for cover support tube
BW = width between fixture points on the conservatory
H = *order dimension* = extension
HH = bracket height
HT = bracket
M = overall awning width
MA = *order dimension* = awning fixture width = fixture width

dimensions in mm

Dimension table fixture combination 30

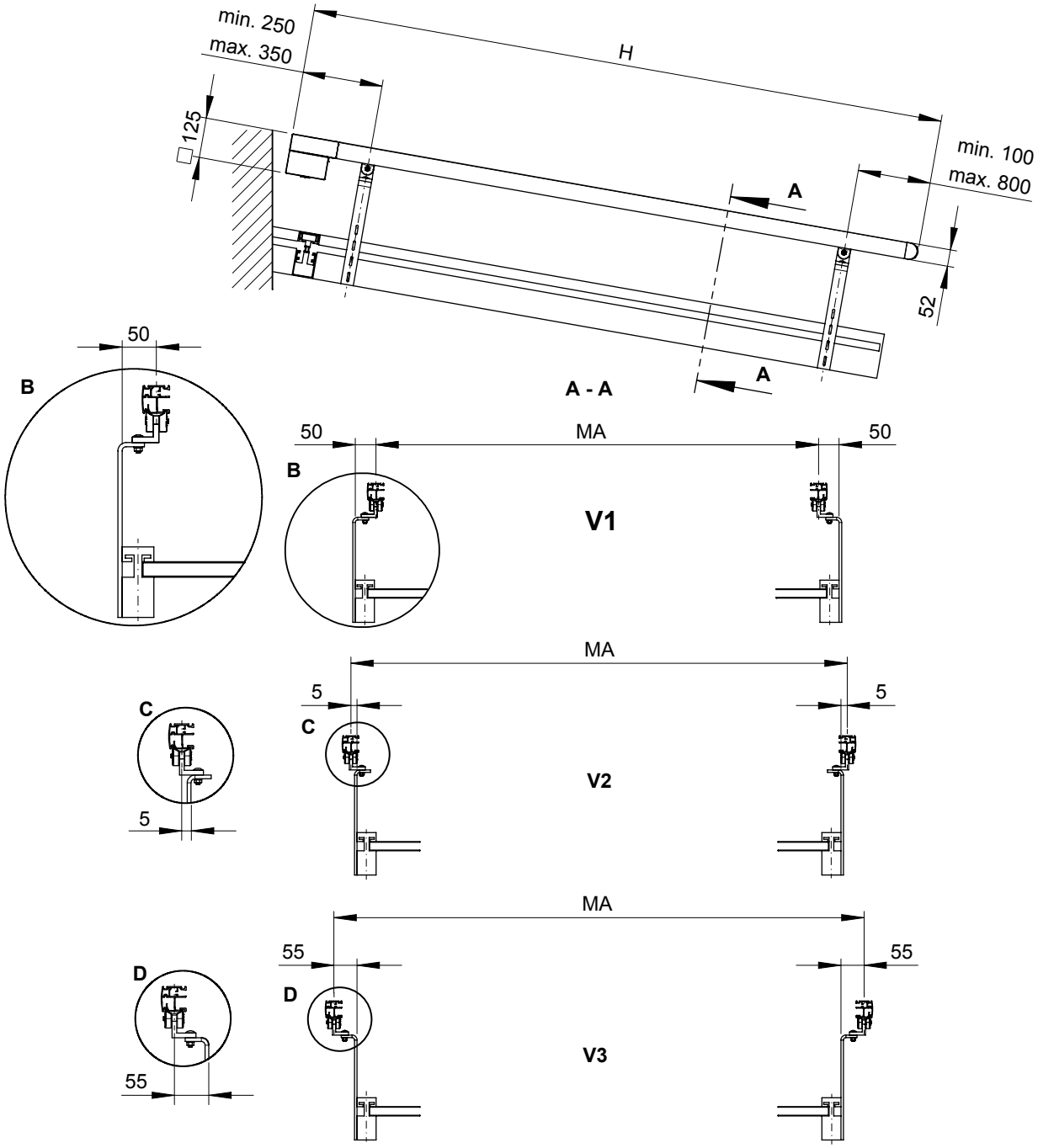
Fixtures, fittings and accessories



flat track bracket
with adjustable head

flat bracket for lateral
guide track fixture

76049.



H = *order dimension* = extension

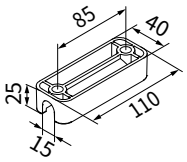
MA = *order dimension* = awning fixture width = fixture width

V1, V2, V3 = version

dimensions in mm

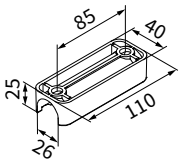
Dimension overview eaves fixture with additional bracket fitting

Fixtures, fittings and accessories



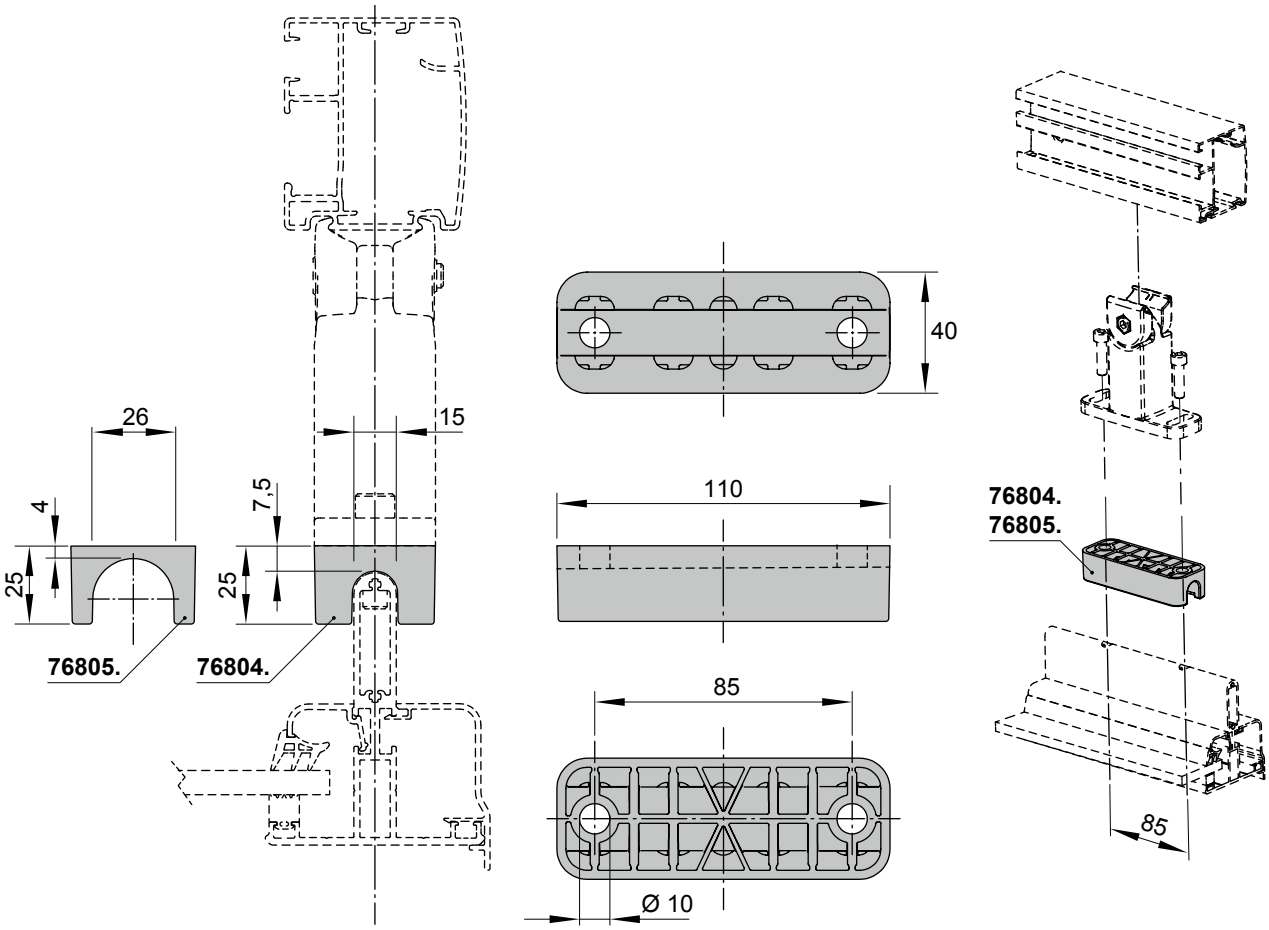
track bracket accessory for track fixture directly on top of the glazing bars (width 14 mm)

76804.



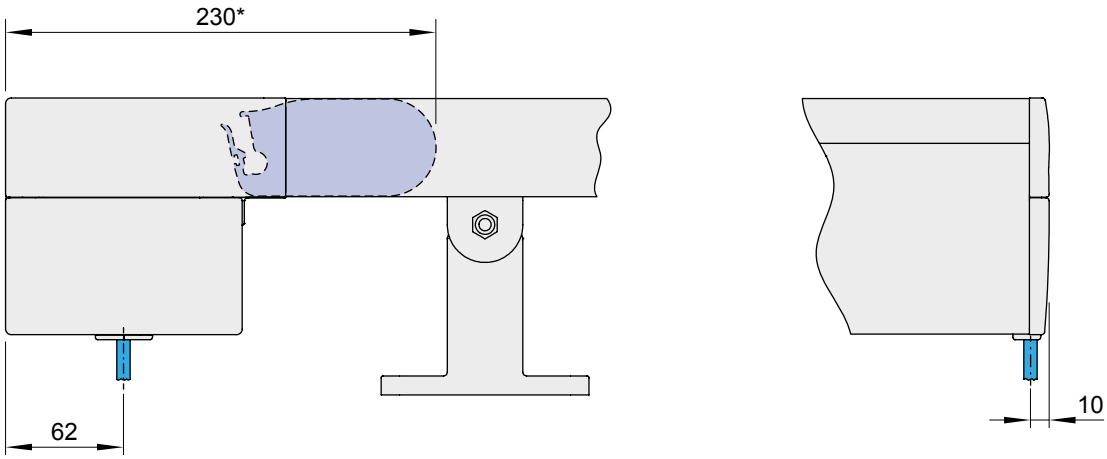
track bracket accessory for track fixture directly on top of the glazing bars (width 25 mm)

76805.



dimensions in mm

Motor cable exit point



* = unit depth when retracted

dimensions in mm

01
02
03
04
05
06
07
08
09
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11
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15
16
17
18
19
20