



## **markilux 776 / 776 tracfix**

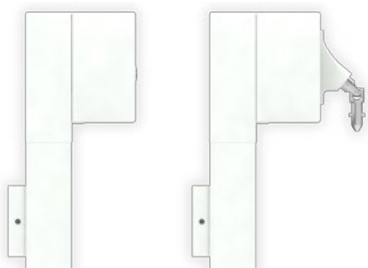
**The square vertical blind with tensioning system for large glass areas. Tailored and straightforward design.**



reddot design award  
winner 2017

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

**markilux**  
safe timeless beautiful

01  
02  
03  
04

side views  
markilux 776:  
motor / manual  
operation



units with the  
optional tracfix  
system have no gap  
between the cover  
and the guide track

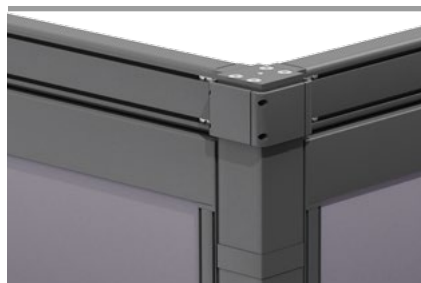
05



recess fixture  
markilux 776



the front profile  
finishes flush with  
the guide tracks  
when fully extended

06  
07  
08  
09

markilux 776 fitted to  
the markilux square  
syncra 2

as seen from outside



the markilux 776  
fitted to the markilux  
pergola

as seen from outside

10  
11  
12  
13

## Design Features

beautifully crafted, square  
aluminium cassette

the square cassette and square guide  
tracks harmonise perfectly

when fully extended the rounded  
front profile harmonises perfectly  
with the ends of the lateral guide  
tracks

the panel joints of the awning cover  
are ultrasonically bonded – giving  
an improved appearance without  
bothersome stitching

when retracted the cover is protect-  
ed from the weather by the cassette,  
which encloses it completely

stand-off fixture from the facade; this  
embellishes the building still further

## Technical Specification

permanently high cover tension  
is achieved by way of two special  
gas-piston mechanisms in the front  
profile

the extremely sturdy awning con-  
struction makes it possible to shade  
large areas of up to 24 m<sup>2</sup> safely

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

manual operation by way of a  
markilux stainless steel winding  
handle

the blind cover is guided along sturdy  
aluminium guide tracks at the side

## Accessories

tracfix system – attractive,  
completely closed appearance with  
no annoying gap between the blind  
cover and the tracks

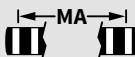
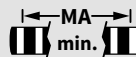



hard-wired motor operation  
(optionally with automatic weather  
sensors) for straightforward and easy  
operation

radio-controlled motor with radio  
remote control for ease of use

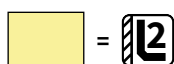
an easily installed, radio control light  
and wind sensor guarantees comfort  
and a degree of safety even in your  
absence

markilux panorama window availa-  
ble in tracfix units (depending on the  
dimensions)

## Dimensions and configuration options

														
		150	200	250	300	350	400	450	500	550	600			
		60 150	151 200	201 250	251 300	301 350	351 400	401 450	451 500	501 550	551 600			
M		+ 5,4											60 / 67 <sup>1)</sup>	70 / 76 <sup>1)</sup>
150 <sup>1)</sup>														
200 <sup>1)</sup>														
250 <sup>1)</sup>										2)				
300 <sup>1)</sup>								2)	2)	2)				
350 <sup>1)</sup>						2)	2)	2)	2)	2)				
400 <sup>1)</sup>	2)	2)	2)	2)	2)	2)	2)	2)	2)	—				
450	2)	2)	2)	2)	2)	2)	2)	2)	—	—				
500	2)	2)	2)	2)	2)	2)	—	—	—	—				
550	2)	2)	2)	2)	2)	2)	—	—	—	—				
600	2)	2)	2)	2)	2)	2)	—	—	—	—				
												107 <sup>3)</sup>	107 <sup>3)</sup>	

dimensions in cm









= = 1) tracfix (optional). **tracfix** blinds are **only available with motor** (surcharge)

2) these sizes meet wind resistance class 2,

all sizes that have not been marked in this way meet wind resistance class 3

3) from a unit height of 281 cm

### Frame colours

		Standard	Optional
traffic white	RAL 9016		
metallic aluminium	RAL 9006		
grey brown	similar to RAL 8019		
off-white textured finish*	5233		
stone grey metallic*	5215		
anthracite metallic*	5204		
Havana brown textured finish*	5229		
non-standard powder-coated finish			

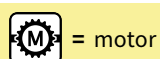
\* = textured finish

### Operation / Drive unit

	Standard	Optional
manual operation	<input checked="" type="checkbox"/> <sup>4)</sup>	—
hard-wired motor	<input checked="" type="checkbox"/> <sup>5)</sup>	<input checked="" type="checkbox"/>
radio-controlled motor (433 MHz)	—	<input checked="" type="checkbox"/>
io Radio control	—	<input checked="" type="checkbox"/>

4) not available in tracfix units

5) in tracfix units



= motor



= radio-controlled motor (433 MHz)



= no. of brackets per track

**MA** = awning fixture width**MA min.** = minimum fixture width**AH** = unit height**M** = overall width

## Covers

	Fabric range no.	Standard	Optional
sunsilk snc	324 .. / 328 .. / 369 ..	<input checked="" type="checkbox"/> <sup>1)</sup>	—
sunvas snc	310 .. / 311 .. 313 .. — 315 ..	<input checked="" type="checkbox"/> <sup>1)</sup>	—
transolair	338 ..	—	<input checked="" type="checkbox"/> <sup>2)</sup>
perfortex ALU	332 ..	<input checked="" type="checkbox"/> <sup>3)</sup>	—
vuscreen ALU	317 ..	—	<input checked="" type="checkbox"/> <sup>4)</sup>
Soltis 92		—	<input checked="" type="checkbox"/> <sup>5)</sup>

- 1) up to a max. unit height of 450 cm (in tracfix units 400 cm) with vertical, bonded seams
- 2) non-tracfix systems: available up to a fixture width of 400 cm, seamless up to an extension of 250cm, then with horizontal seam(s); tracfix systems: available in all matrix sizes, seamless up to a fixture width of 400 cm x 250 cm, then with horizontal seam; from a fixture width of 401 cm in vertical panels approx. 122 cm wide
- 3) non-tracfix systems: available up to a maximum extension of 400 cm, then with vertical, bonded seams. tracfix systems: available in all tracfix sizes, then with vertical, bonded seams.
- 4) non-tracfix and tracfix systems: available up to a max. fixture width and unit height of 400 cm - seamless up to unit height 250 cm - with horizontal seam, if unit height  $\geq 250$  cm; available from a fixture width 401 cm and max. unit height 250 cm - seamless
- 5) available up to max. 400 cm fixture width and max. 400 cm unit height - with horizontal seam, if fixture width  $\geq 186$  cm AND unit height  $\geq 195$  cm

## Miscellaneous

	Standard	Optional
tracfix	—	<input checked="" type="checkbox"/>
light sensor		<input checked="" type="checkbox"/>
flexible picture windows	—	<input checked="" type="checkbox"/> <sup>6)</sup>

- 6) only in combination with fabrics from the sunsilk or sunvas series and only available in tracfix units.  
Please note the technical information in chapter "Flexible panorama window"

## Additional Information

The width of the blind cover is always **less** than that of the blind.

**A standard gearbox** is operated from outside the building using a stainless steel winding handle (handle lengths 110, 140, 160, 180 or 220 cm).

In the case of manual operation it takes approximately 18 turns per metre of overall unit height to extend the system.

In the case of motor operation the blind will take approximately **14 seconds per metre** to extend.

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

In the case of a **bank of blinds operating simultaneously**, the same speed of rotation of the motors cannot be guaranteed because of the **internal tolerances of the motors**.

This model is only available as a **single unit**.

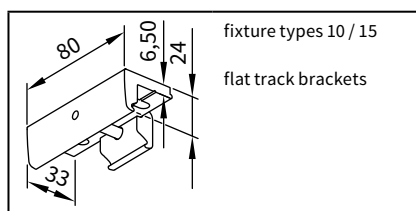
Depending on the size of the blind, deflection may be in evidence in individual profiles and sections of profile which is completely unavoidable. This does not influence the functionality or durability of the blind.

## Dimensions and Tolerances

	Width	Nominal unit height
tolerances	+ 5 / - 10 mm	—
awning cover width	<b>MA</b> – 93 mm <sup>7)</sup>	
awning cover length	<b>AH</b> – 70 mm <sup>7)</sup>	

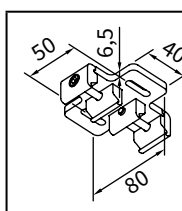
- 7) tracfix systems: cover dimensions on request

## Fixtures, fittings and accessories



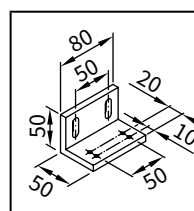
fixture types 10 / 15  
flat track brackets

78548.



double flat  
track bracket  
2 single units

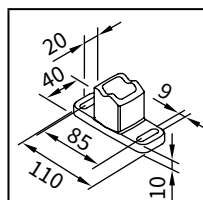
73627.



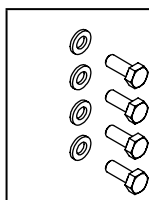
additional angled  
bracket for the  
bearing, gearbox and  
motor side

50 × 50 × 80 mm

78719.

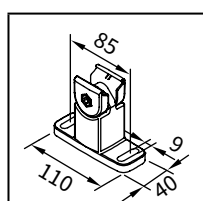


footprint dimensions  
track bracket  
with adjustable head



accessories for two  
angled brackets 78719.

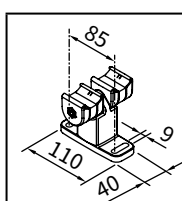
787211



fixture type 20  
track bracket  
with adjustable head

80 mm

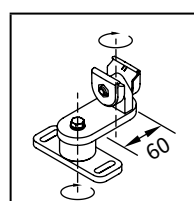
73624.



double track bracket  
with adjustable head

80 mm

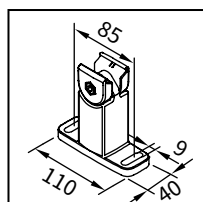
73631.



universal track bracket

80 mm

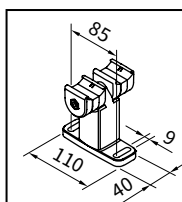
73629.



fixture type 21  
track bracket  
with adjustable head

100 mm

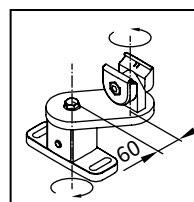
76046.



double track bracket  
with adjustable head

100 mm

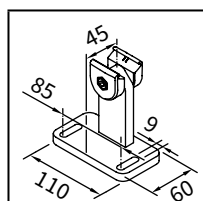
73634.



universal track bracket

100 mm

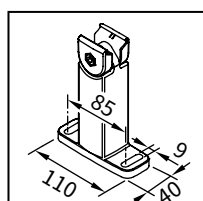
76054.



track bracket  
with adjustable  
foot plate

100 mm

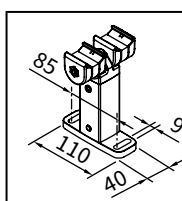
76199.



fixture type 22  
track bracket  
with adjustable head

140 mm

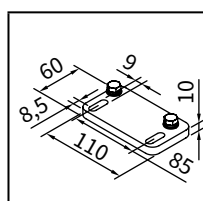
76048.



double track bracket  
with adjustable head

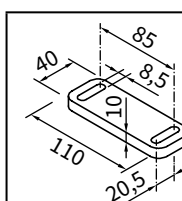
140 mm

73636.



adapter plate  
for track bracket

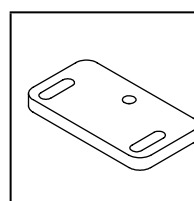
78165.



spacer plate for  
track bracket

110 × 40 × 10 mm

78570.



fixture plate

110 × 60 mm

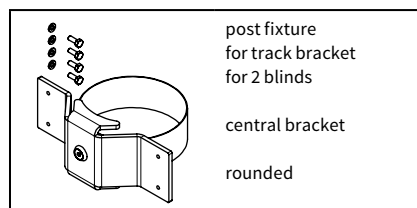
78158.

. = insert RAL colour code no.

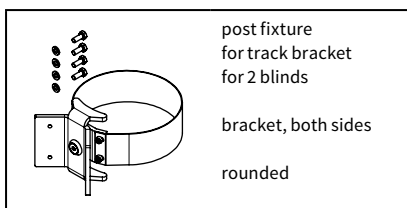
## Fixtures, fittings and accessories

**Information:** For installation to **syncra 2 / RS-2** posts only 2 post fixtures per guide track are required.

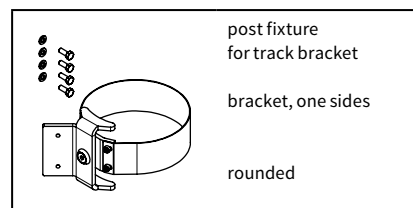
Fixture **between** the posts of the syncra 2 / RS-2



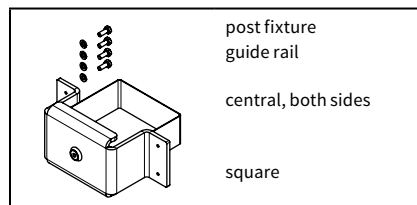
**79557.**



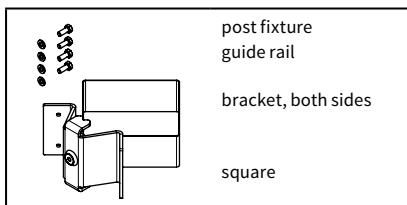
**79556.**



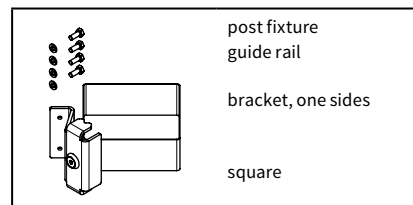
**79558.**



**72234.**

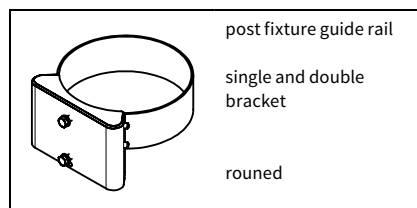


**72233.**

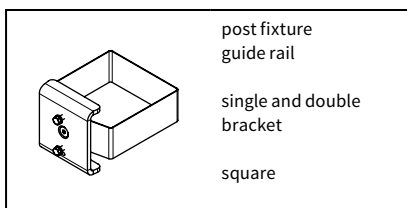


**72235.**

Brackets for fixture **on / to** the posts of the markilux syncra 2 / RS-2

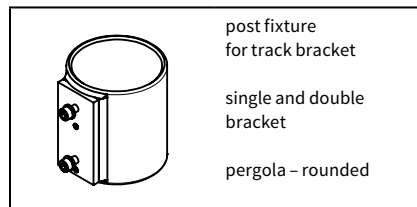


**72206.**



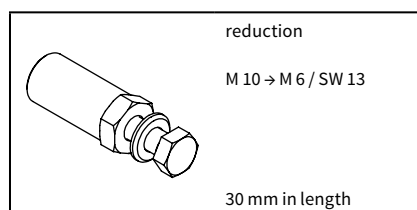
**72232.**

Brackets for fixture **on / to** the posts of the markilux pergola



**72203.**

### Accessories



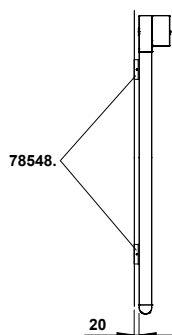
**753211**

. = insert RAL colour code no.

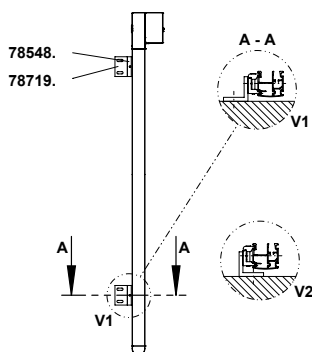
## Fixture combinations

All brackets incur a surcharge

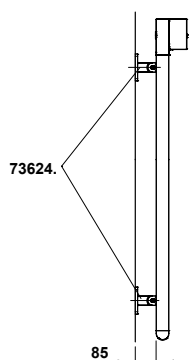
Fixture type  
**10**



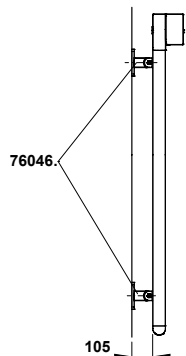
Fixture type  
**15**



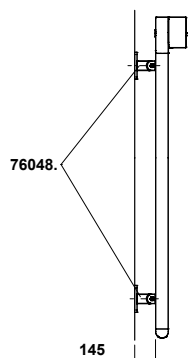
Fixture type  
**20**



Fixture type  
**21**

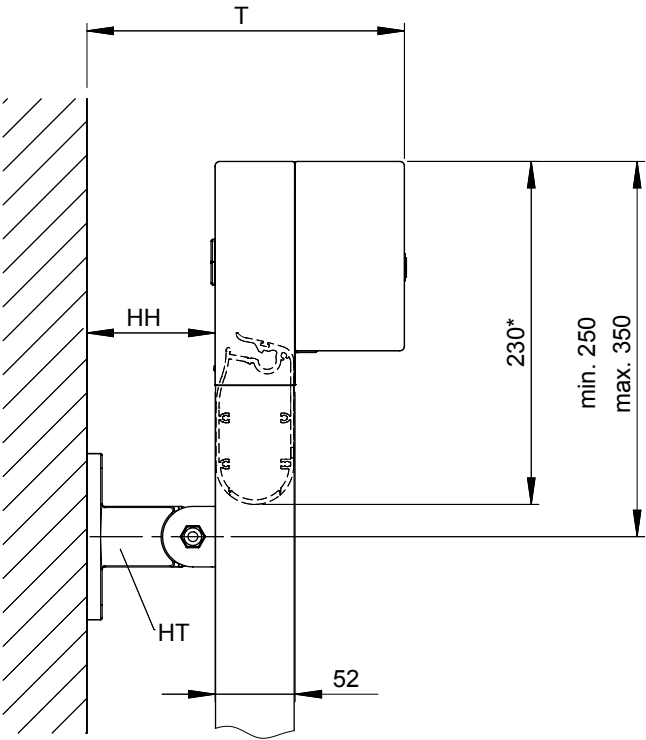


Fixture type  
**22**

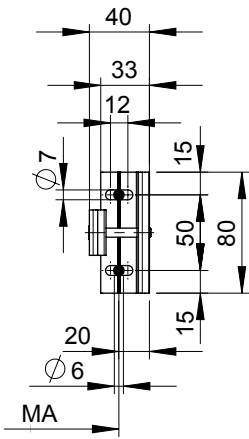


- For individual bracket combinations please refer to “Fixtures, fittings and accessories”
- Please note the minimum quantity in accordance with the width and unit height (2 or 3 brackets per guide track, depending on size)  
**Exception:** For installation to markilux pergola, syncra 2 or RS-2 only 2 fixture brackets per guide track are required.

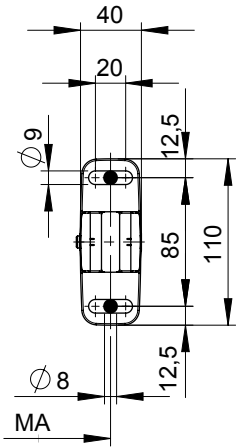
Dimension overview



Fixture type  
10



Fixture types  
20, 21, 22

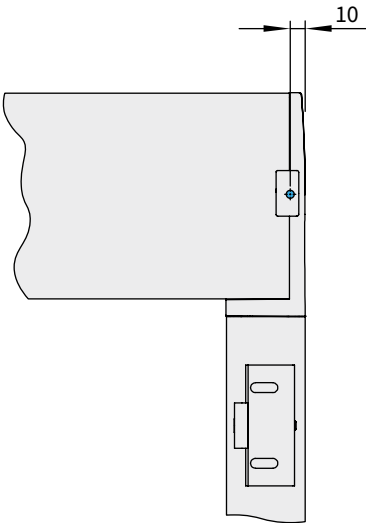
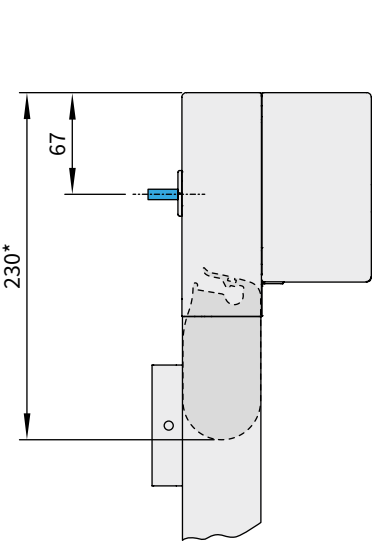


dimensions in mm

Fixture type	10	20	21	22
HT = bracket	78548.	73624.	76046.	76048.
HH = bracket height [mm]	20	85	105	145
T = depth [mm]	150	215	235	275
MA = blind width/fixture width				

\* = dimension with the blind retracted

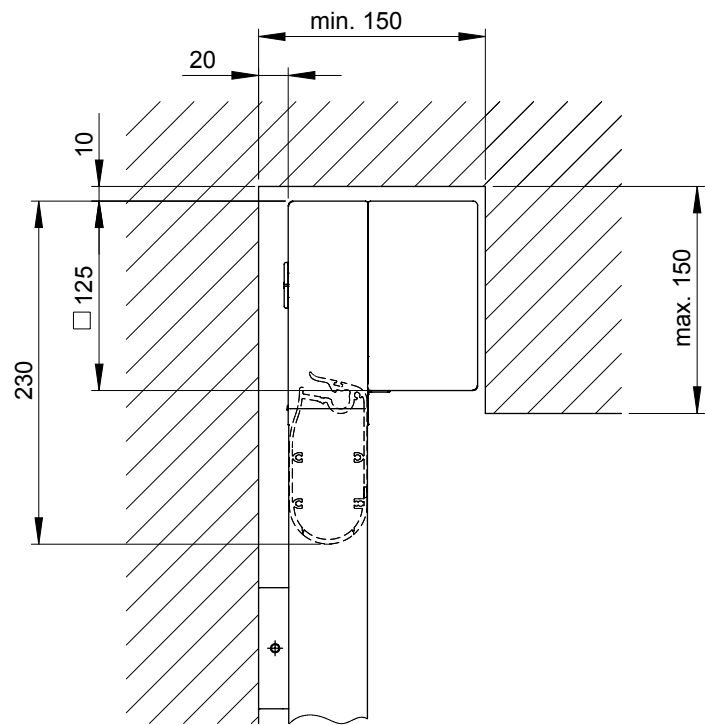
Cable exit point in the case of motor-driven units



dimensions in mm

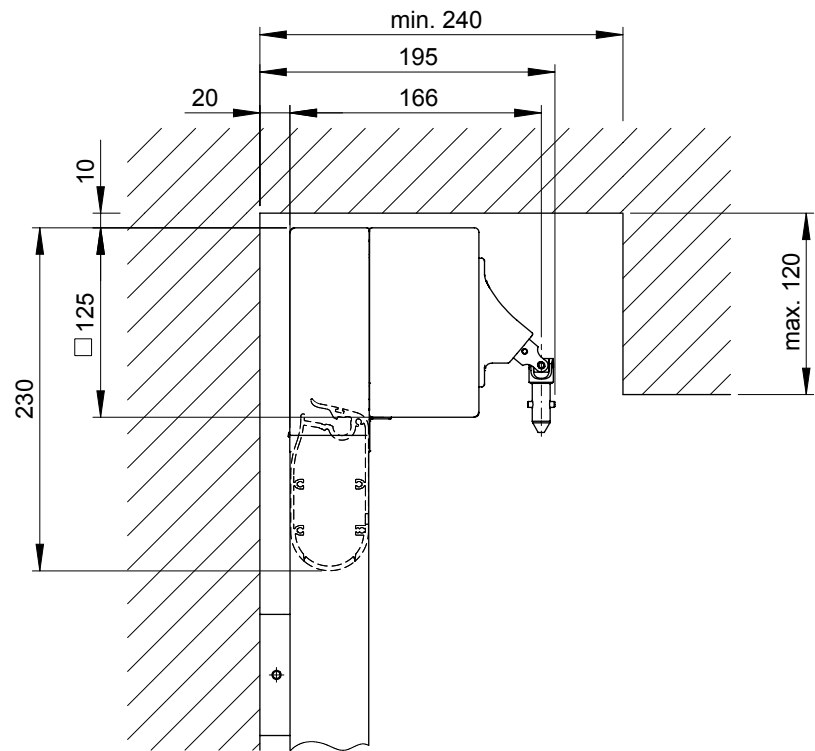
Installation dimensions

Recess fixture, motor operation



dimensions in mm

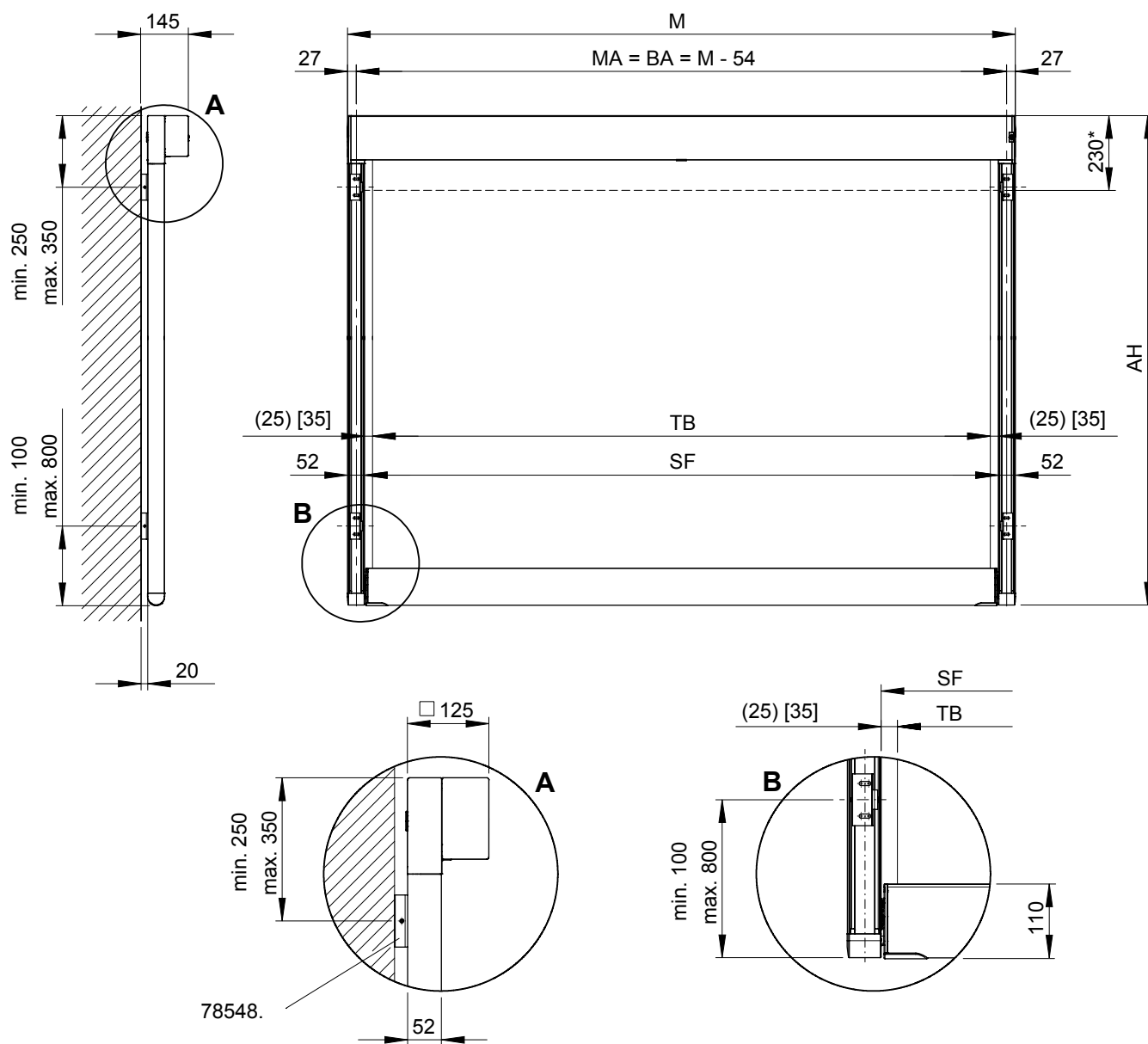
Recess fixture, manual operation



dimensions in mm

## Installation dimensions

Dimension overview fixture type 10, as seen from inside!



dimensions in mm

**78548.** = flat track bracket

**AH** = unit height

**BA** = mounting axis

**M** = overall blind width

**MA** = blind fixture width = **BA** = mounting axis

**SF** = visible cover (in tracfix systems)

**TB** = cover width

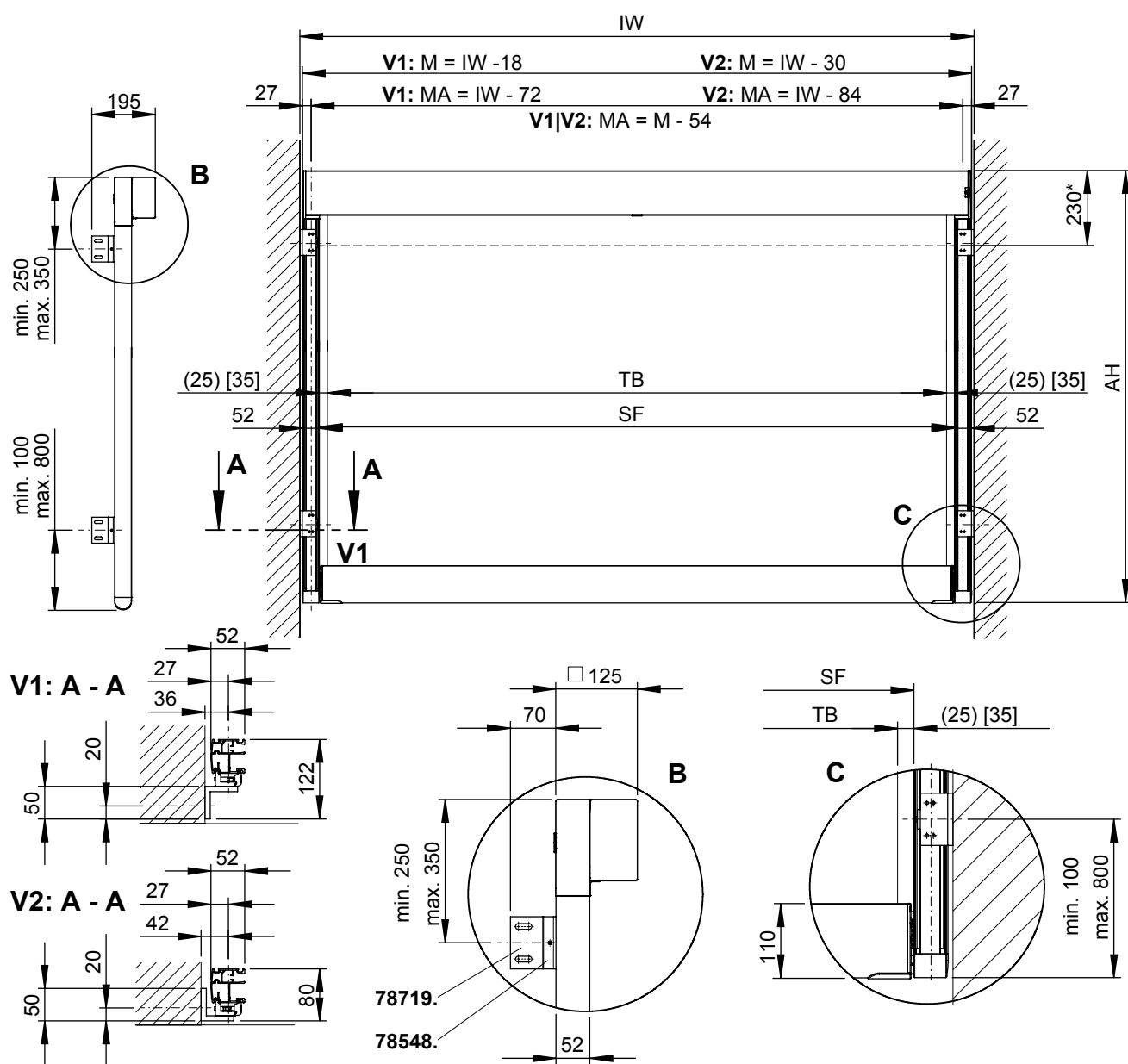
(...) = gap between cover and guide track (non-tracfix units)

[...] = gap between cover and guide track (non-tracfix units) in gearbox-operated units

\* = cassette and front profile height with the blind retracted

## Installation dimensions

**Dimension overview fixture type 15, as seen from inside!**



dimensions in mm

**78548.** = flat track bracket

**78719.** = additional angled bracket for the bearing, gearbox and motor side

**AH** = unit height

**IW** = reveal width

**M** = overall blind width

**MA** = blind fixture width = **BA** = mounting axis

**SF** = visible cover (in tracfix systems)

**TB** = cover width

**V1, V2** = versions 1 and 2

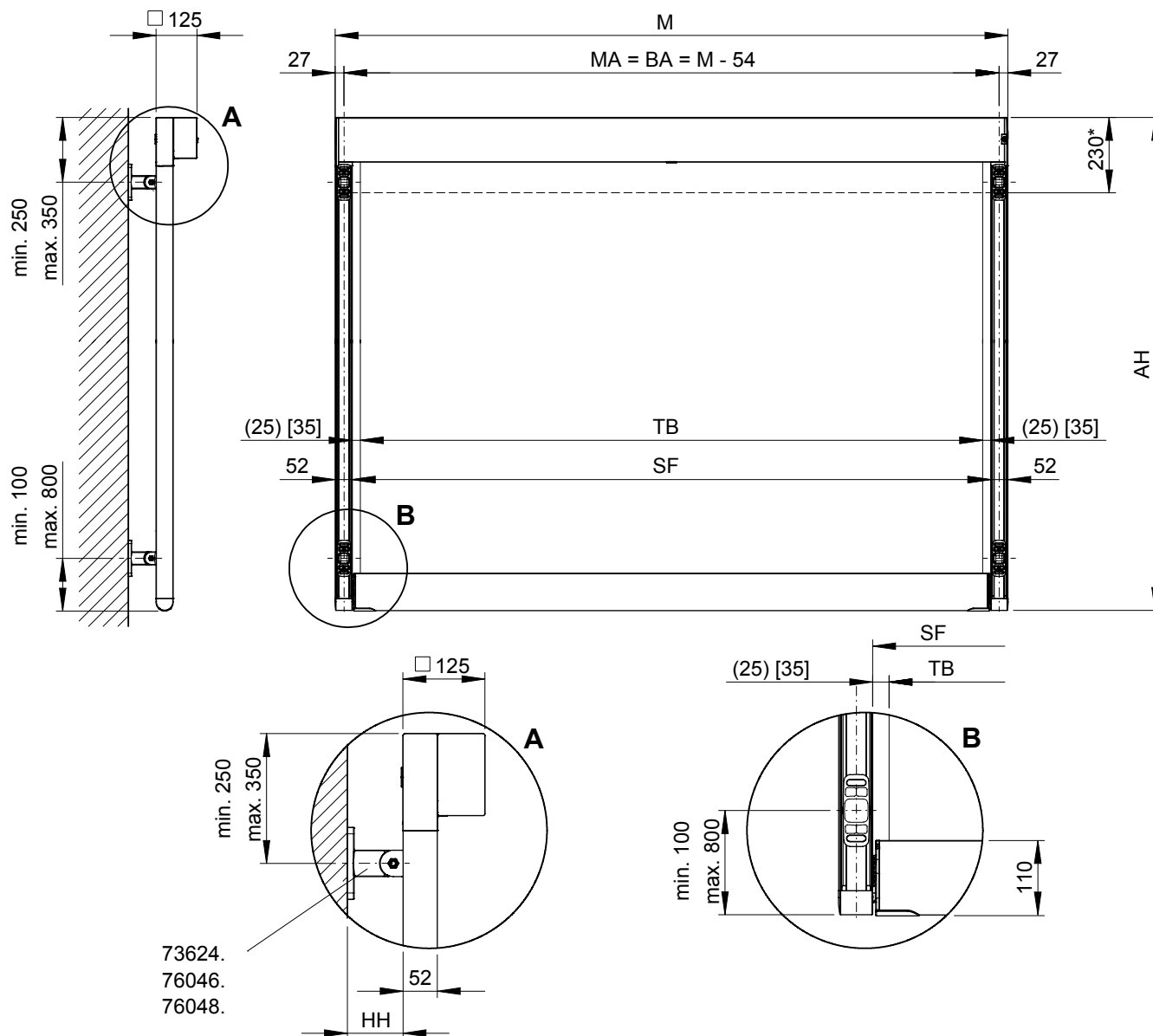
(...) = gap between cover and guide track (non-tracfix units)

[...] = gap between cover and guide track (non-tracfix units) in gearbox-operated units

\* = cassette and front profile height with the blind retracted

## Installation dimensions

### Dimension overview fixture types 20, 21, 22



**73624.** = track bracket with adjustable head, 80 mm

**76046.** = track bracket with adjustable head, 100 mm

**76048.** = track bracket with adjustable head, 140 mm

**AH** = unit height

**BA** = mounting axis

**HH** = bracket height

**M** = overall blind width

**MA** = blind fixture width = **BA** = mounting axis

**SF** = visible cover (in tracfix systems)

**TB** = cover width

**(...)** = gap between cover and guide track (non-tracfix units)

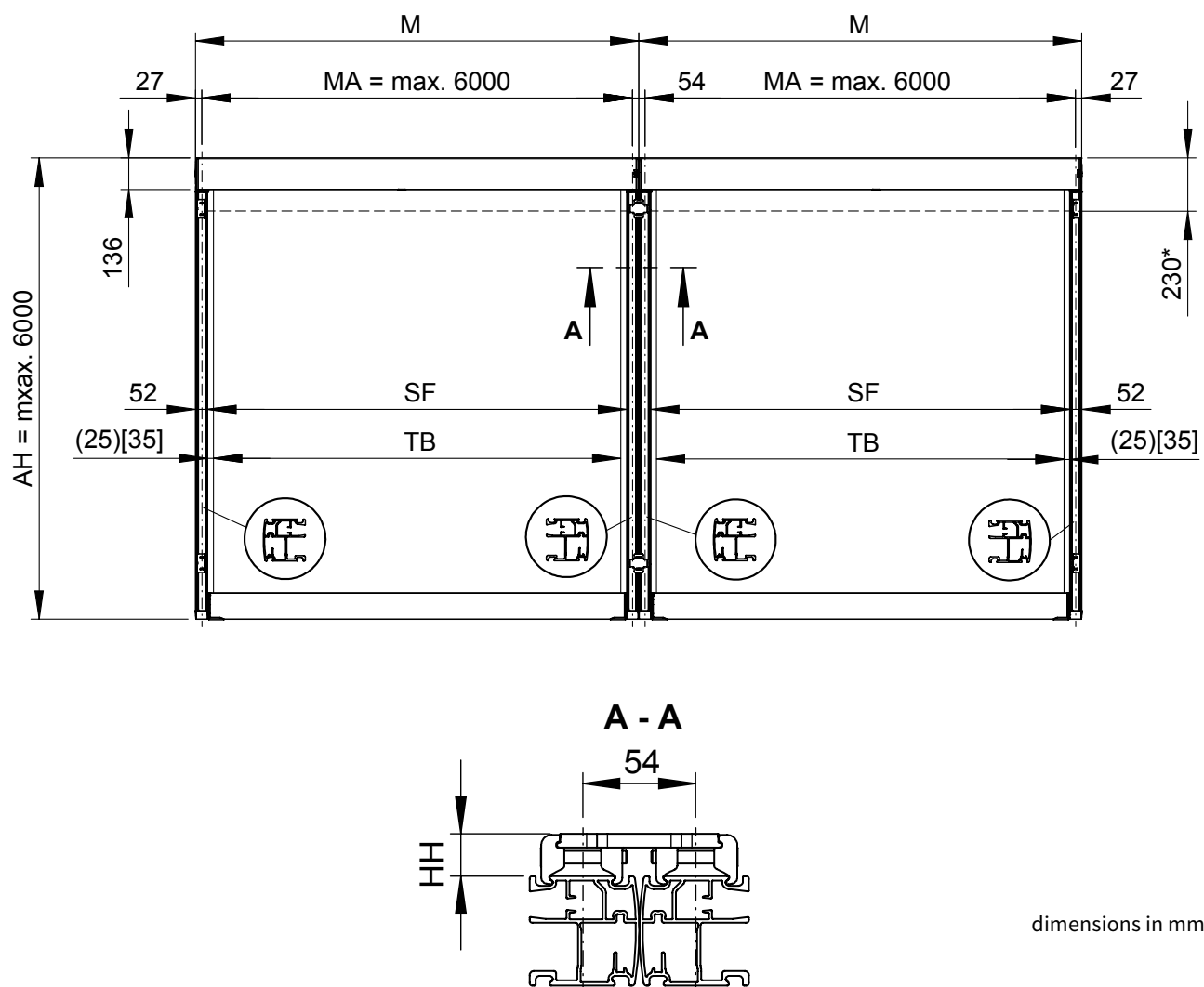
**[...]** = gap between cover and guide track (non-tracfix units) in gearbox-operated units

**\*** = cassette and front profile height with the blind retracted

dimensions in mm

## Installation dimensions

Dimension overview of two single units: fixture via a double track bracket in the centre



**AH** = unit height

**HH** = bracket height

**M** = overall blind width

**MA** = blind fixture width = **BA** = mounting axis

**SF** = visible cover (in tracfix systems)

**TB** = cover width

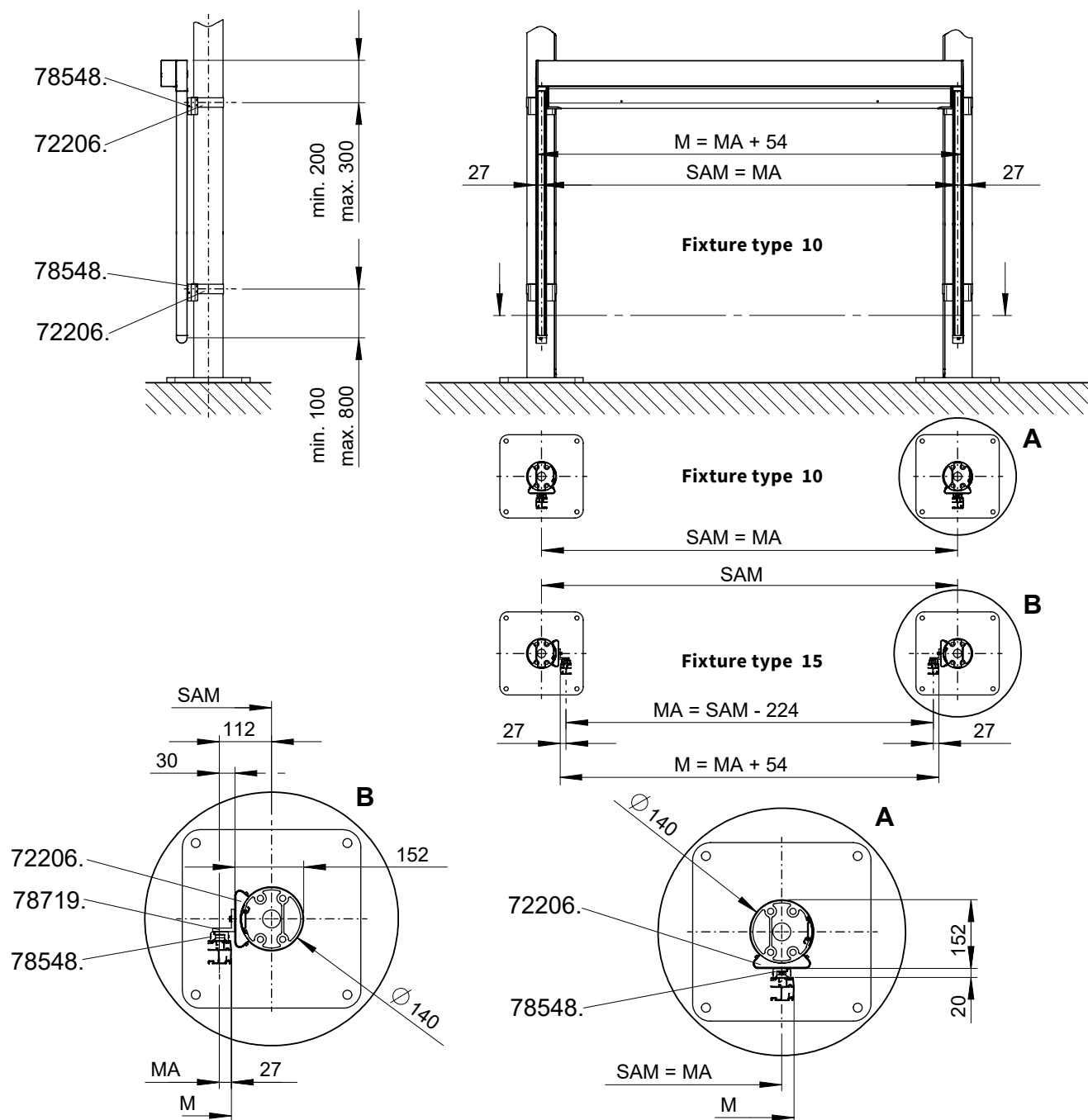
(...) = gap between cover and guide track (non-tracfix units)

[...] = gap between cover and guide track (non-tracfix units) in gearbox-operated units

\* = cassette and front profile height with the blind retracted

## Installation dimensions

Dimension overview fixture to the round post of markilux syncra 2 / markilux RS-2



dimensions in mm

**72206.** = post fixture for single or double track bracket markilux syncra 2

**78548.** = flat track brackets (fixture types 10 / 15)

**78719.** = additional angled bracket for the bearing, gearbox and motor side

**A** = detailed view, fixture type 10

**B** = detailed view, fixture type 15

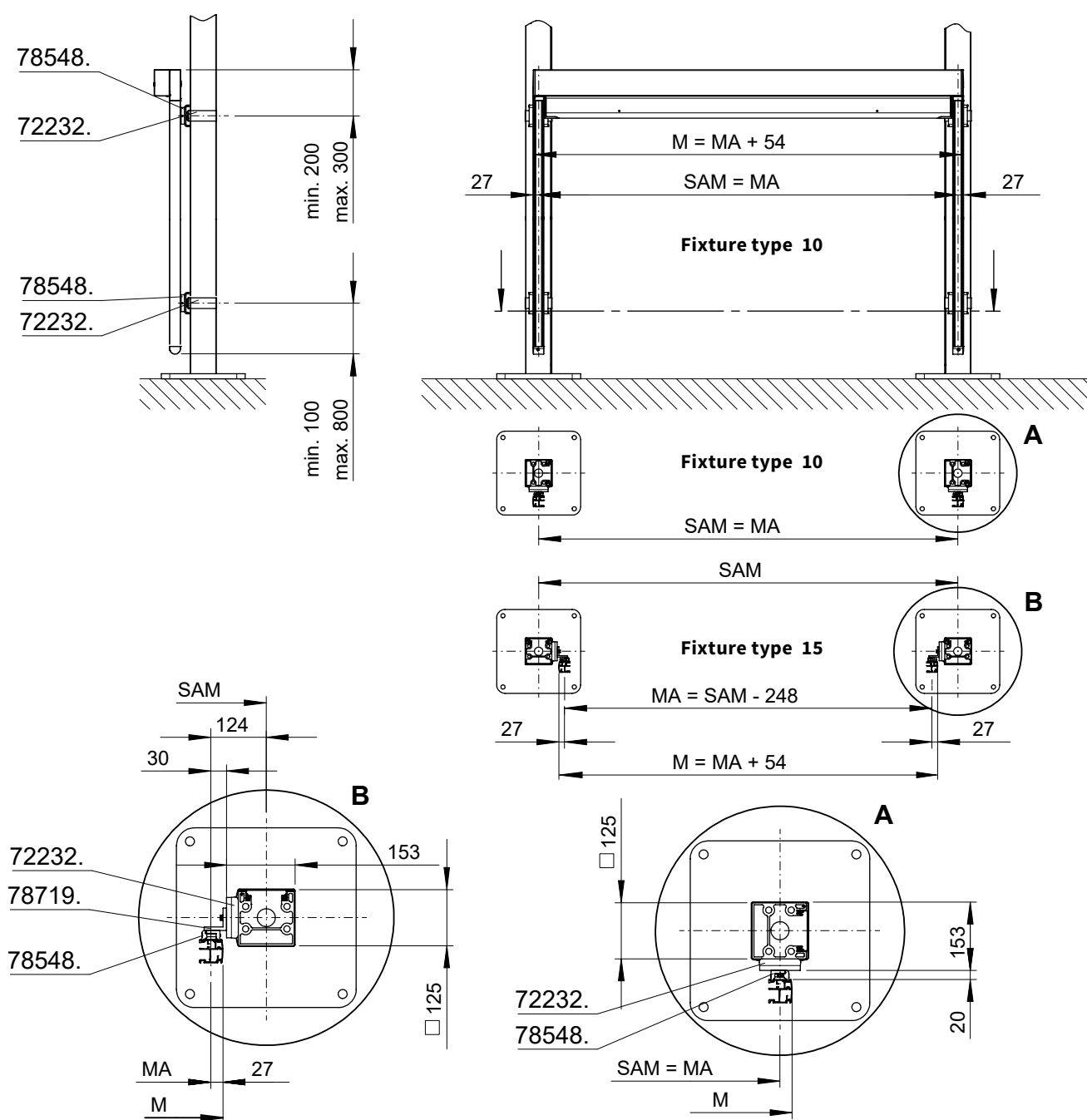
**M** = overall blind width =  $MA + 54$  mm

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

**SAM** = dimension from post centre to post centre of the markilux syncra 2 / RS-2

## Installation dimensions

Dimension overview fixture to the square post of markilux syncra 2 / markilux RS-2



dimensions in mm

**72232.** = post fixture guide rail, single and double bracket, square

**78548.** = flat track brackets (fixture types 10 / 15)

**78719.** = additional angled bracket for the bearing, gearbox and motor side

**A** = detailed view, fixture type 10

**B** = detailed view, fixture type 15

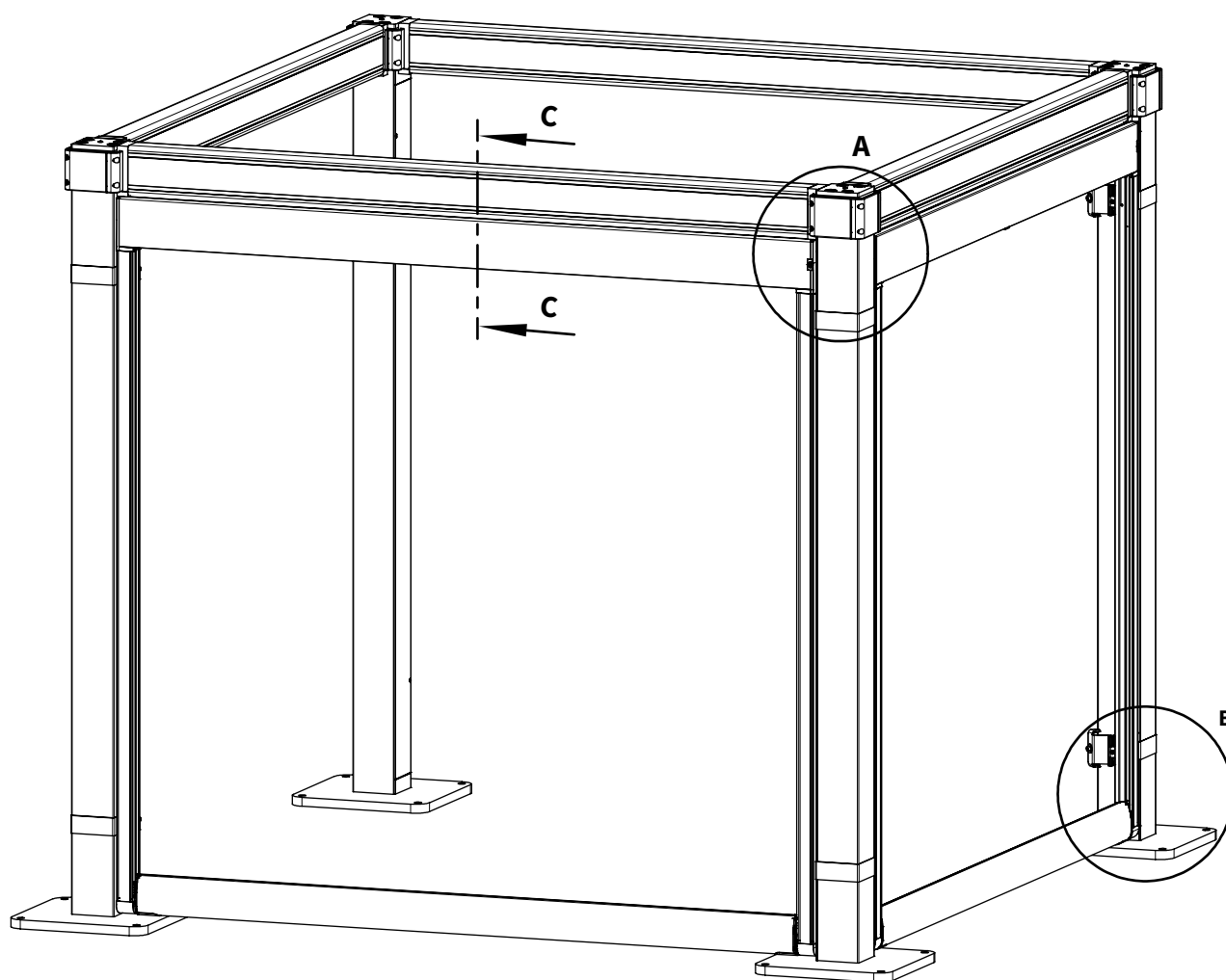
**M** = overall blind width = **MA** + 54 mm

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

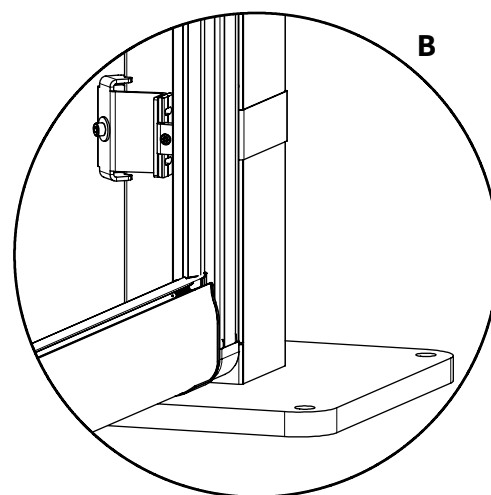
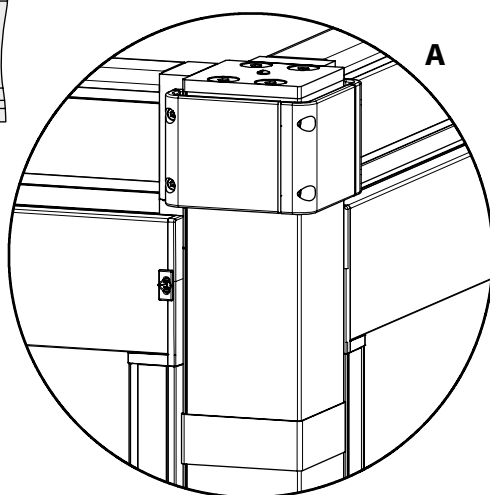
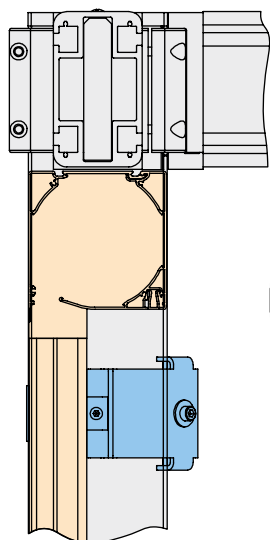
**SAM** = dimension from post centre to post centre of the markilux syncra 2 / RS-2

## Installation dimensions

Installation to markilux RS-2 with **square** posts.



C—C

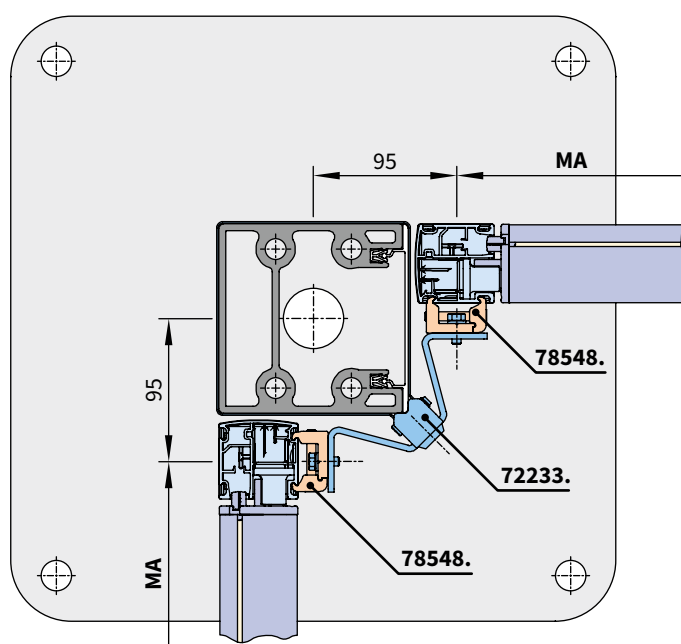
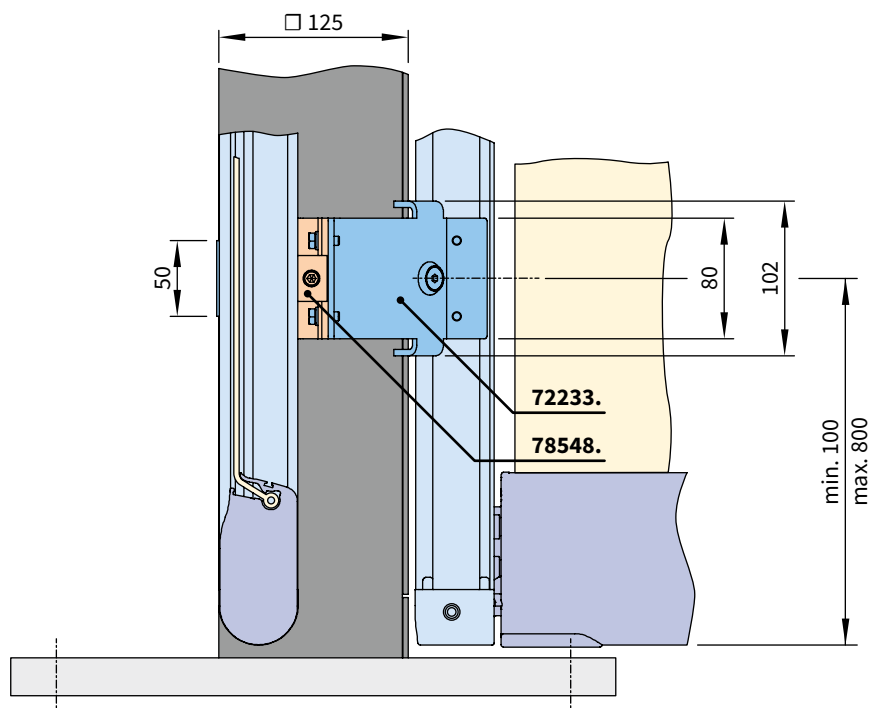


**Tip:** Installation of the vertical blinds with their rear side facing outwards!

This results in a flush connection of the housing to the square posts – please note sectional view C-C.

## Installation dimensions

Installation of two vertical blinds to a **square** corner post of markilux syncra 2 / RS-2



dimensions in mm

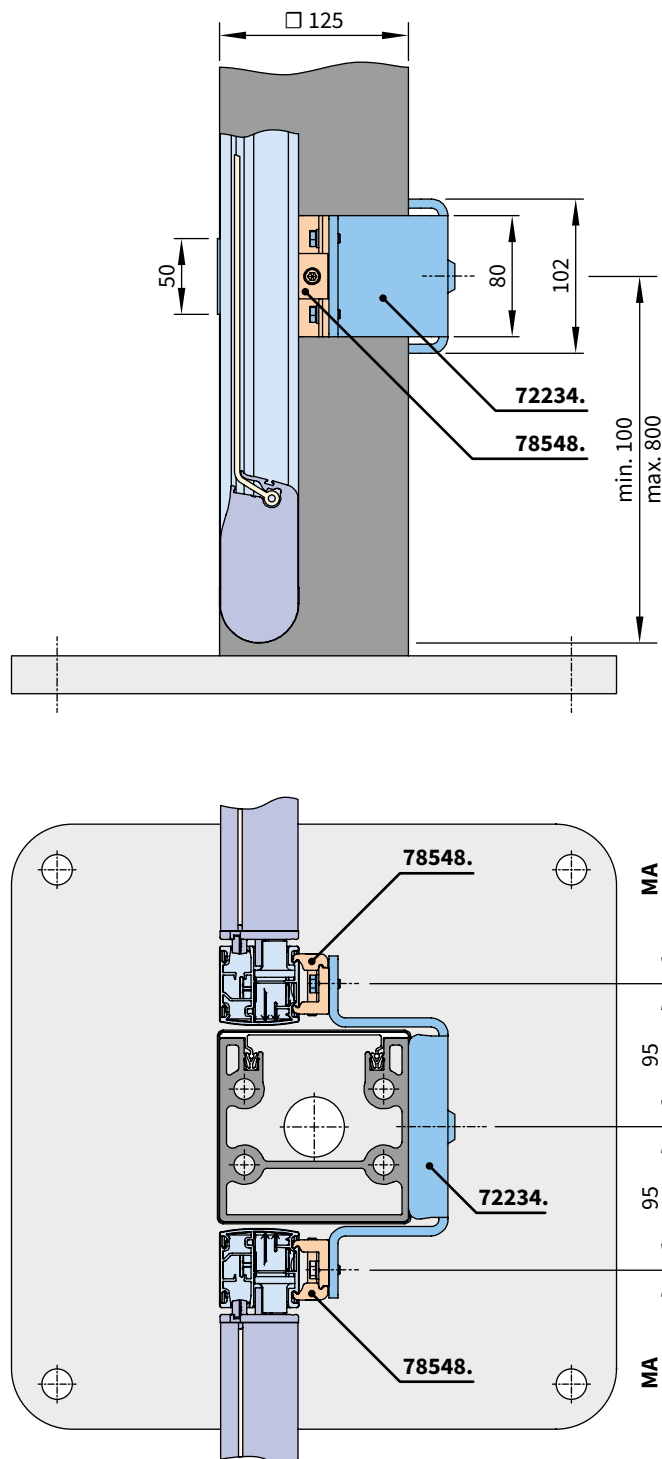
**72233.** = post fixture guide rail, bracket, both sides, square

**78548.** = flat track bracket

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

## Installation dimensions

Installation of two vertical blinds to a **square** middle post of markilux syncra 2 / RS-2



dimensions in mm

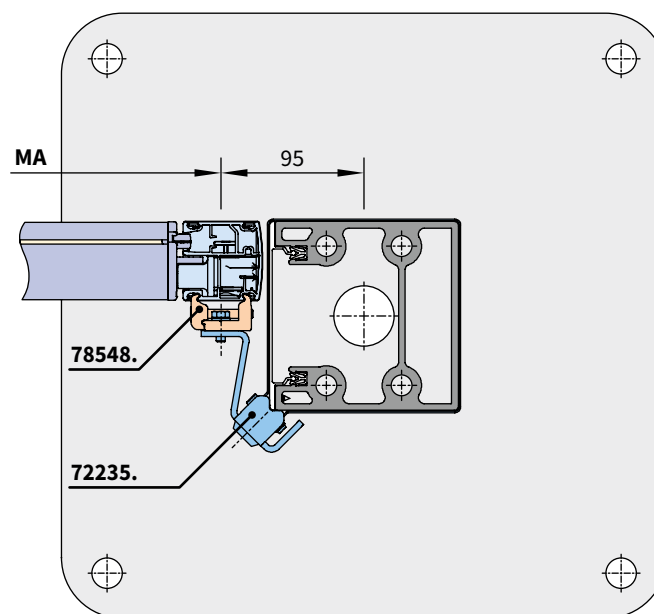
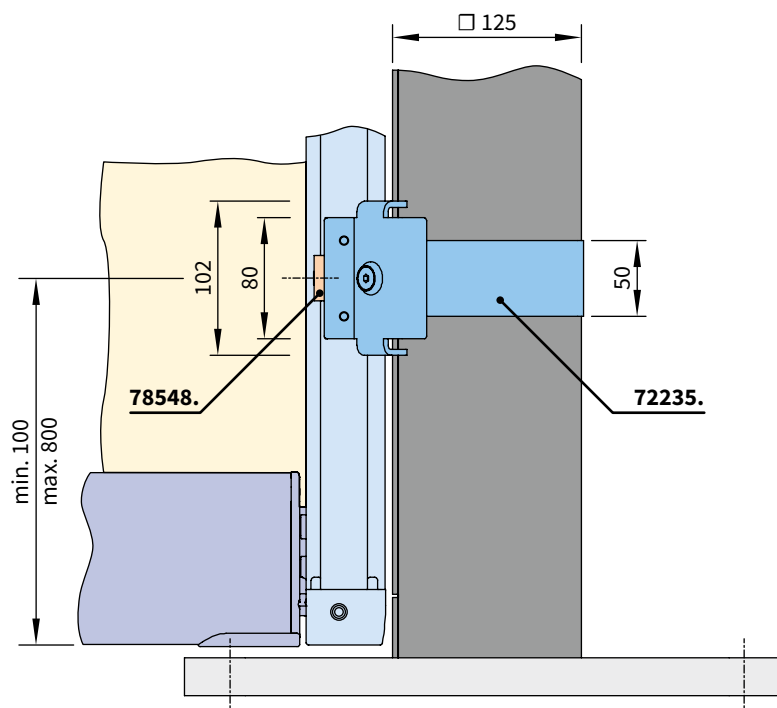
**72234.** = post fixture guide rail, centre, both sides, square

**78548.** = flat track bracket

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

## Installation dimensions

Installation of one vertical blind to a **square** corner post of markilux snycra 2 / RS-2



dimensions in mm

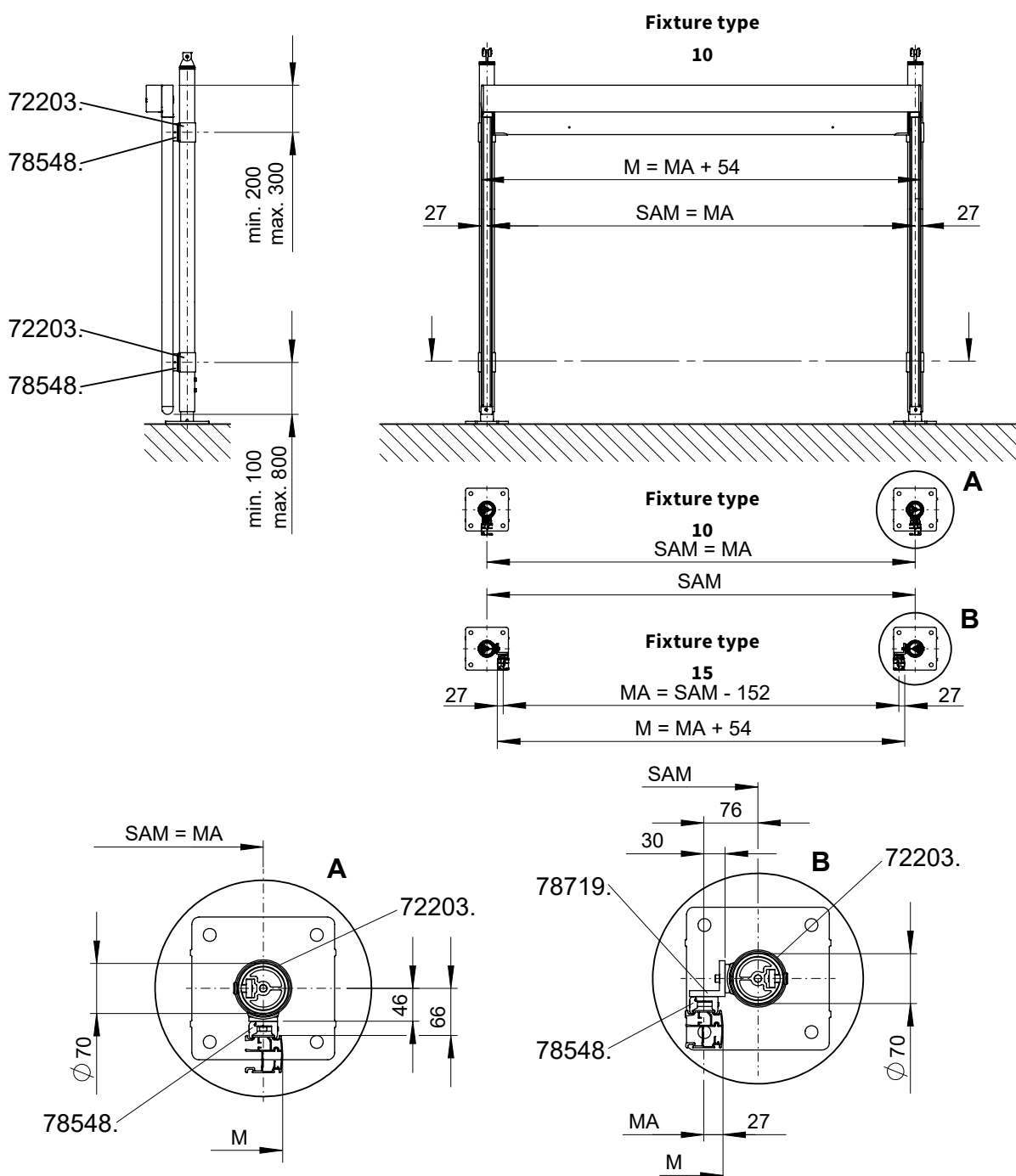
**72235.** = post fixture guide rail, bracket, one side, square

**78548.** = flat track bracket

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

## Installation dimensions

Dimension overview installation to round markilux pergola posts



dimensions in mm

**72203.** = bracket assembly for fixture of flat track bracket, 78548. to the markilux 110/210

**78548.** = flat track brackets (fixture type 10 / 15)

**78719.** = additional angled bracket for the bearing, gearbox and motor side (fixture type 15)

**A** = detailed view, fixture type 10

**B** = detailed view, fixture type 15

**M** = overall blind width =  $MA + 54$  mm

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

**SAM** = dimension from post centre to post centre of the markilux pergola