



markilux 876 / 876 tracfix

The perfect sun protection solution which also maintains your privacy – the tensioned vertical cassette blind for large surface areas



reddot design award
winner 2017

markilux.com

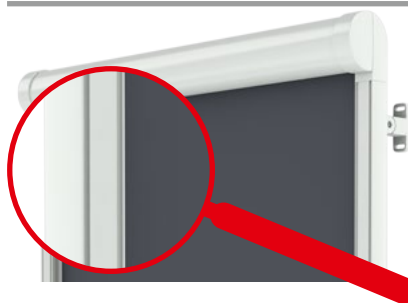
markilux
safe timeless beautiful

01
02
03
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14
15



side views
markilux 876:

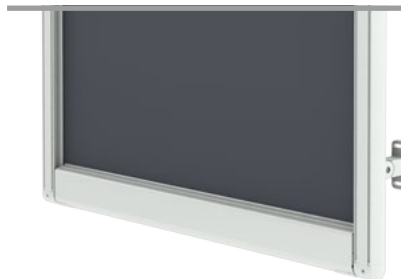
motor / manual
operation



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



recess fixture
markilux 876



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



markilux 876 fitted to
the markilux syncra 2

as seen from inside



the markilux 876
fitted to the markilux
pergola

as seen from outside

Design Features

beautifully crafted, round aluminium cassette

the round 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 protected 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 construction makes it possible to shade large areas of up to 24 m² 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

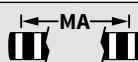
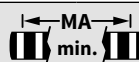



hard-wired motor operation (optionally with automatic weather sensors) for straightforward and easy operation

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

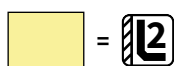
an easily installed, radio control light and wind sensor guarantees comfort and a degree of safety even in your absence

markilux panorama window available 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 ¹⁾	70 / 76 ¹⁾	
150 ¹⁾											107 ³⁾				107 ³⁾
200 ¹⁾															
250 ¹⁾										2)					
300 ¹⁾								2)	2)	2)					
350 ¹⁾						2)	2)	2)	2)	2)					
400 ¹⁾	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)	—	—	—	—					

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			

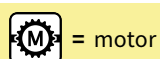
* = textured finish

Operation / Drive unit

	Standard	Optional
manual operation	<input checked="" type="checkbox"/> ⁴⁾	—
hard-wired motor	<input checked="" type="checkbox"/> ⁵⁾	<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"/> 1)	—
sunvas snc	310 .. / 311 .. 313 .. — 315 ..	<input checked="" type="checkbox"/> 1)	—
transolair	338 ..	—	<input checked="" type="checkbox"/> 2)
perfortex ALU	332 ..	<input checked="" type="checkbox"/> 3)	—
vuscreen ALU	317 ..	—	<input checked="" type="checkbox"/> 4)
Soltis 92		—	<input checked="" type="checkbox"/> 5)

- 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 ≥ 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 ≥ 186 cm AND unit height ≥ 195 cm

Miscellaneous

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

- 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**.

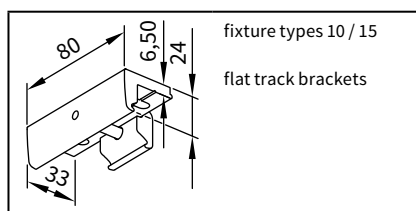
Depending on the size of the blind, deflection may be in evidence in individual profiles and sections of profile which is completely unavoidable. This does not influence the functionality or durability of the blind.

Dimensions and Tolerances

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

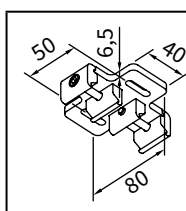
- 7) tracfix systems: cover dimensions on request

Fixtures, fittings and accessories



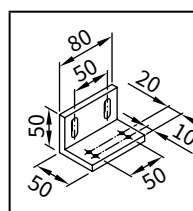
fixture types 10 / 15
flat track brackets

78548.



double flat
track bracket
2 single units

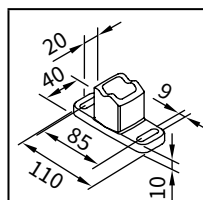
73627.



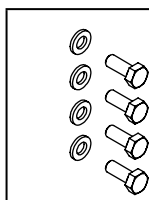
additional angled
bracket for the
bearing, gearbox and
motor side

50 × 50 × 80 mm

78719.

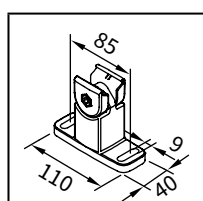


footprint dimensions
track bracket
with adjustable head



accessories for two
angled brackets 78719.

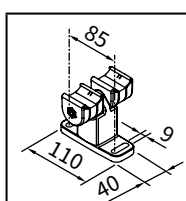
787211



fixture type 20
track bracket
with adjustable head

80 mm

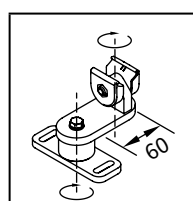
73624.



double track bracket
with adjustable head

80 mm

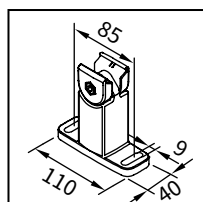
73631.



universal track bracket

80 mm

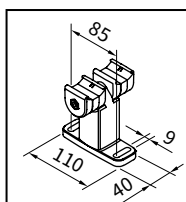
73629.



fixture type 21
track bracket
with adjustable head

100 mm

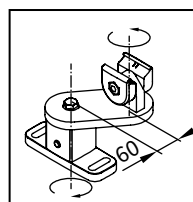
76046.



double track bracket
with adjustable head

100 mm

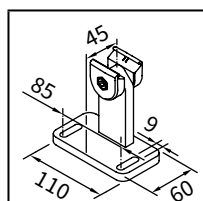
73634.



universal track bracket

100 mm

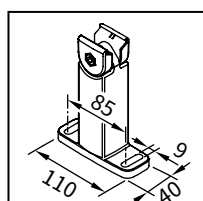
76054.



track bracket
with adjustable
foot plate

100 mm

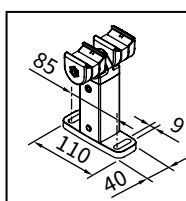
76199.



fixture type 22
track bracket
with adjustable head

140 mm

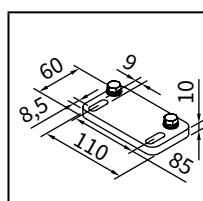
76048.



double track bracket
with adjustable head

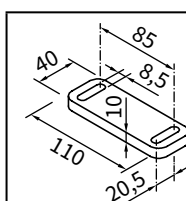
140 mm

73636.



adapter plate
for track bracket

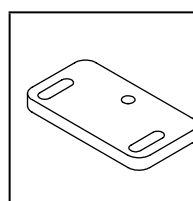
78165.



spacer plate for
track bracket

110 × 40 × 10 mm

78570.



fixture plate

110 × 60 mm

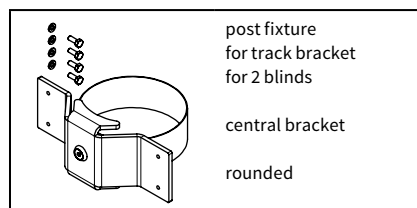
78158.

. = insert RAL colour code no.

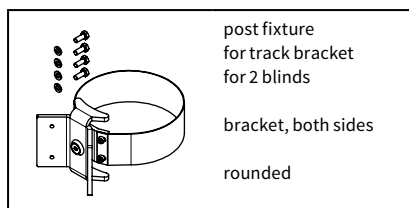
Fixtures, fittings and accessories

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

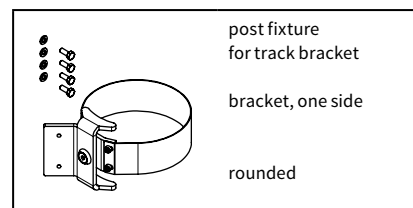
Fixture **between** the posts of the syncra 2 / RS-2



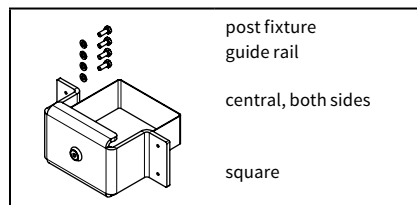
79557.



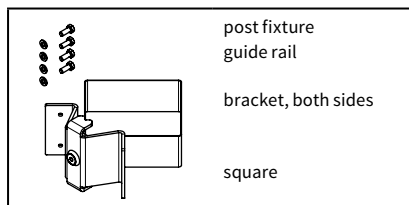
79556.



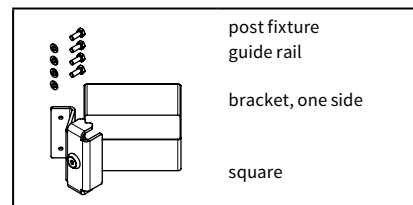
79558.



72234.

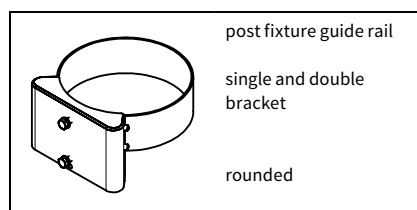


72233.

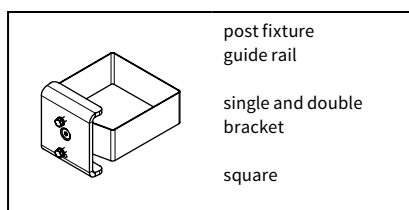


72235.

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

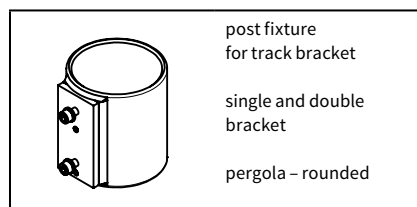


72206.



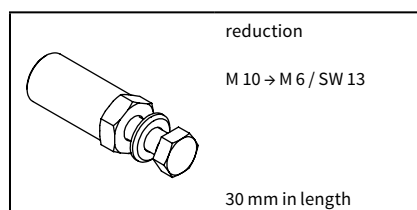
72232.

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



72203.

Accessories



753211

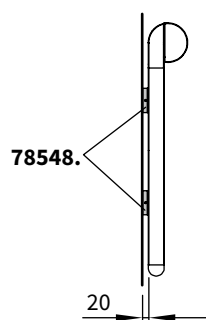
. = insert RAL colour code no.

Fixture combinations

All brackets incur a surcharge

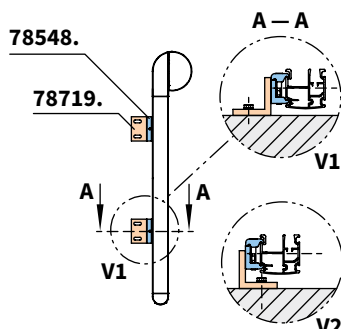
Fixture type

10



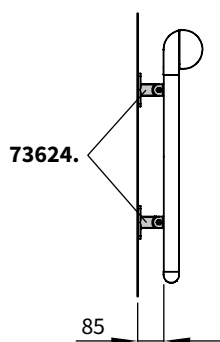
Fixture type

15



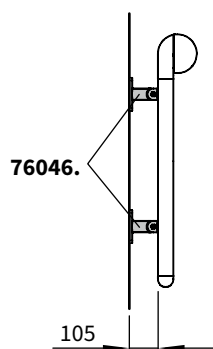
Fixture type

20



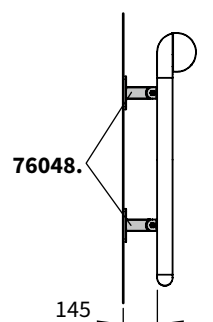
Fixture type

21



Fixture type

22

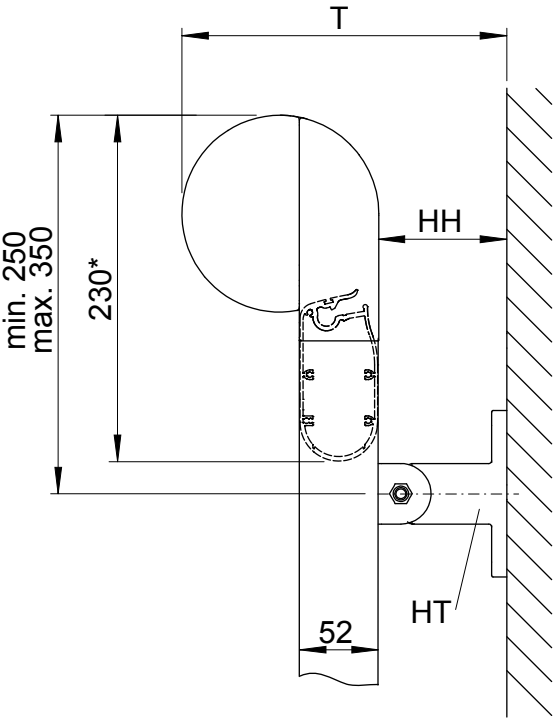


- For individual bracket combinations please refer to "Fixtures, fittings and accessories"

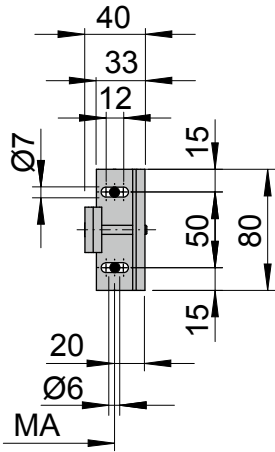
- Please note the minimum quantity in accordance with the width and unit height (2 or 3 brackets per guide track, depending on size)

Exception: For installation to markilux pergola, syncra 2 or RS-2 only 2 fixture brackets per guide track are required.

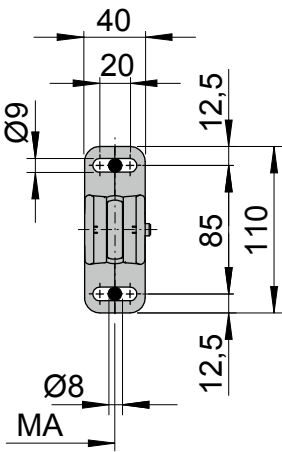
Dimension overview



Fixture type
10



Fixture types
20, 21, 22

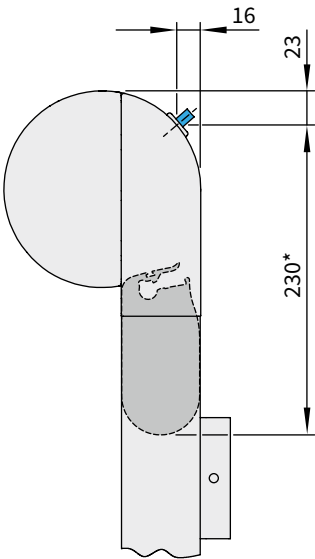
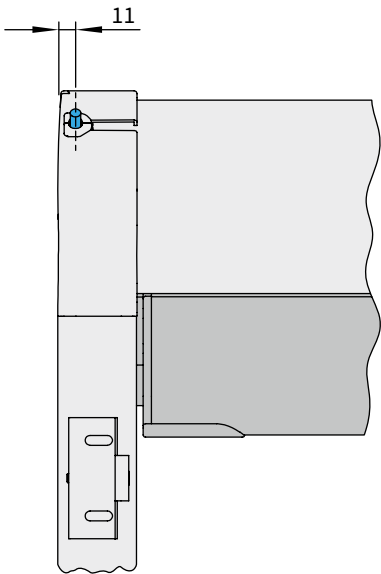


dimensions in mm

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

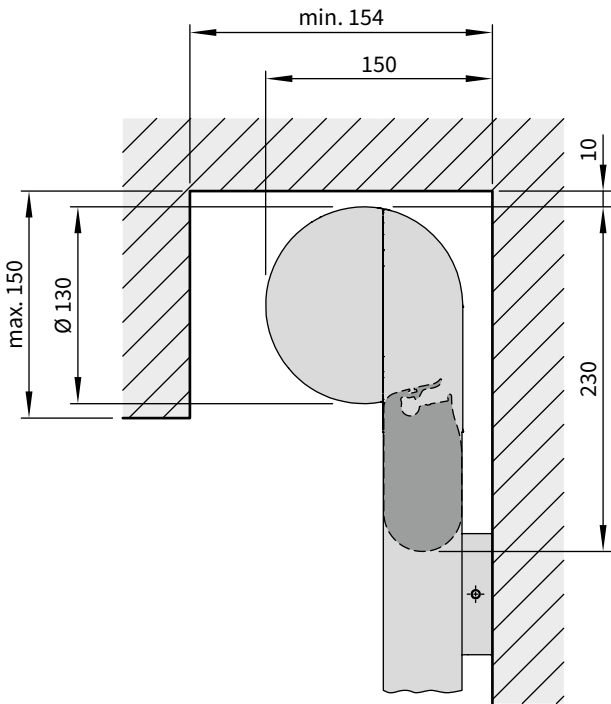
Cable exit point in the case of motor-driven units



dimensions in mm

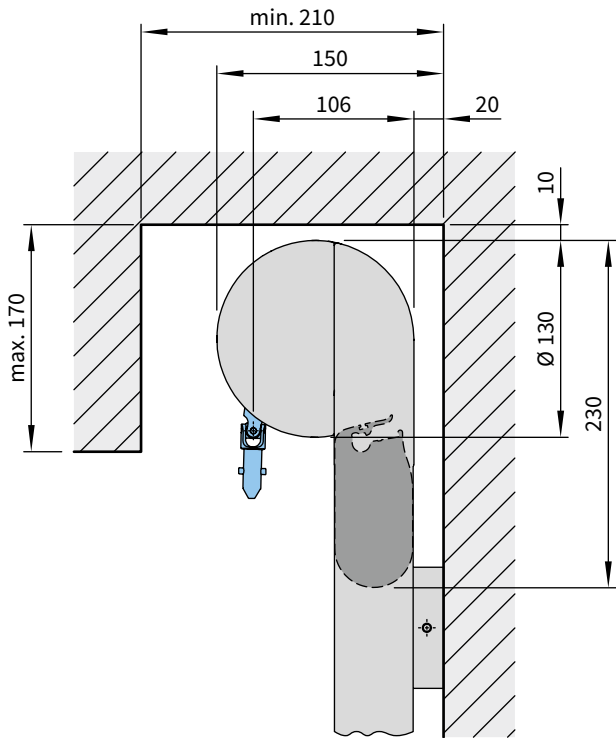
Installation dimensions

Recess fixture, motor operation



dimensions in mm

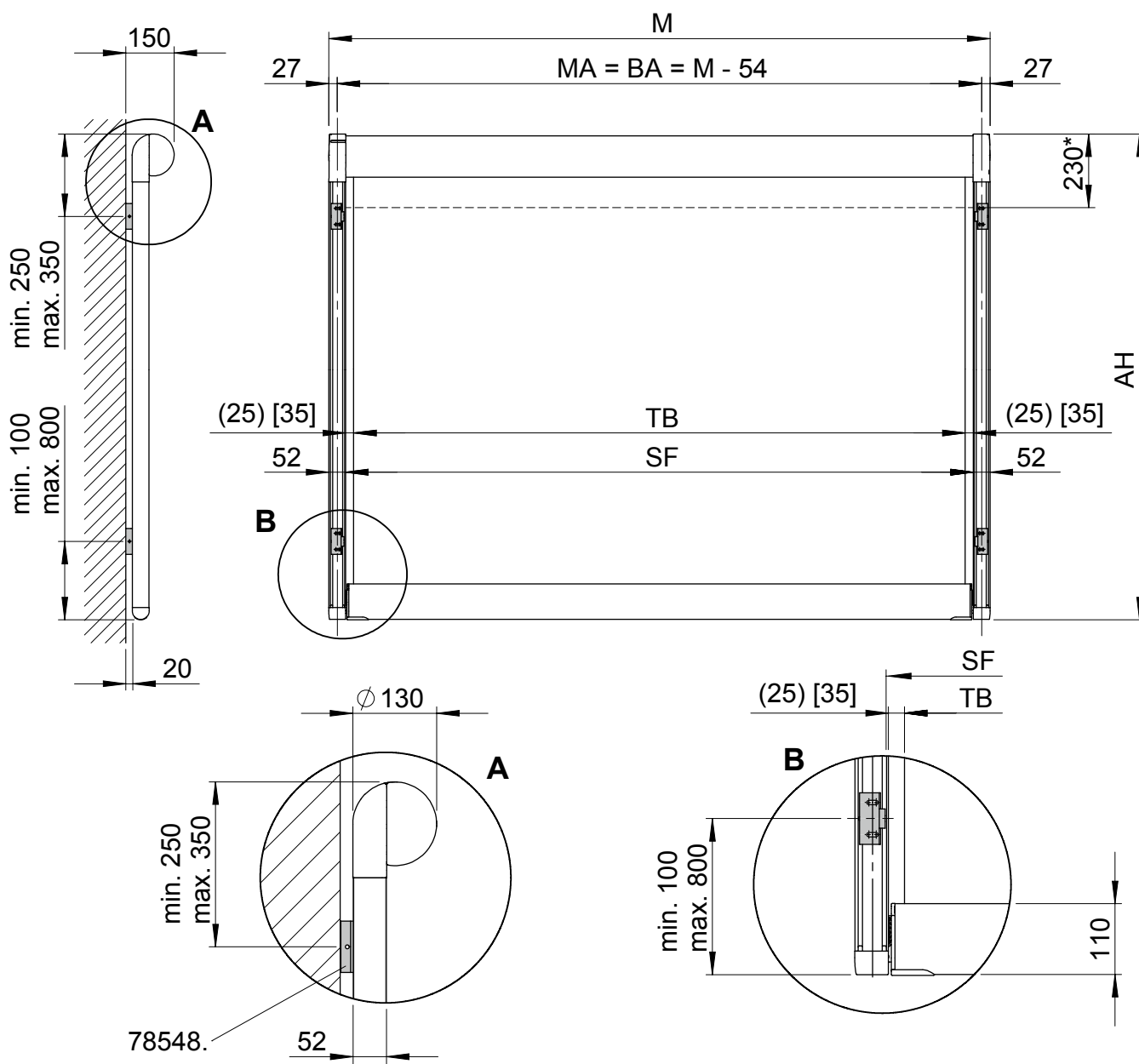
Recess fixture, manual operation



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

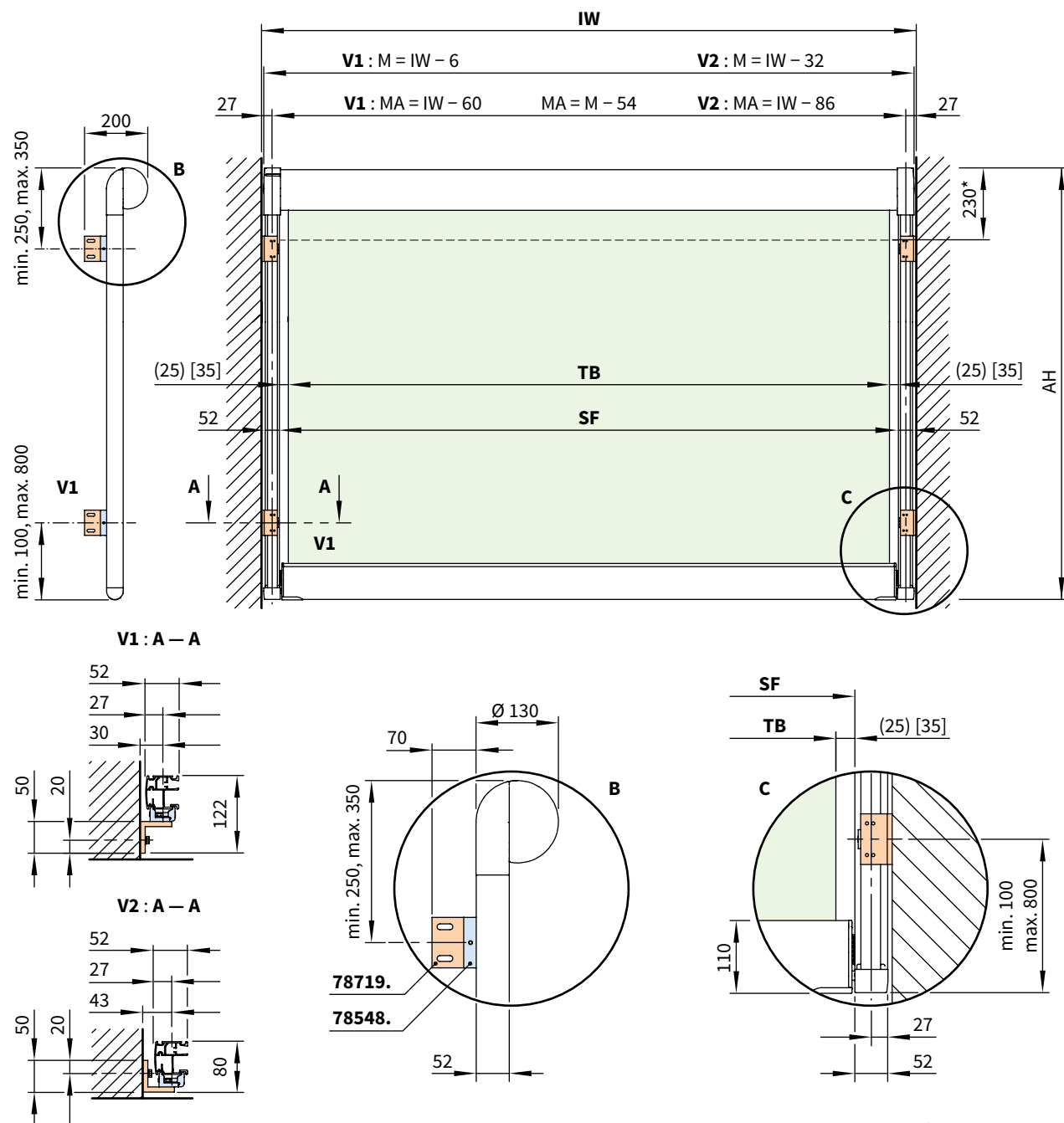
(...) = gap between cover and guide track (non-tracfix units)

[...] = 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!



78548. = flat track bracket

78719. = Zusatzwinkel Lager- / Getriebe- / Motorseite

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

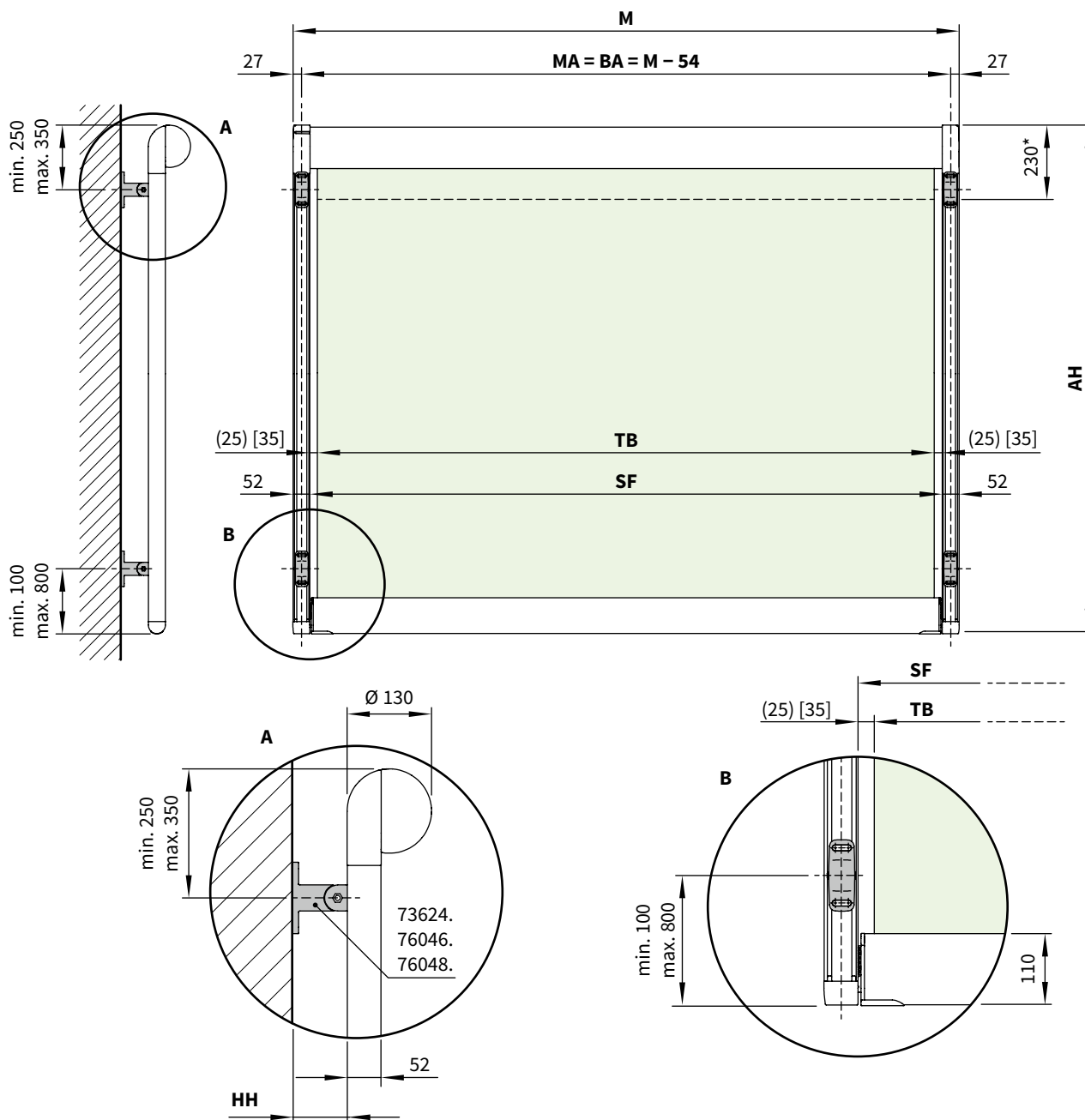
(...) = gap between cover and guide track (non-tracfix units)

[...] = 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 and 22



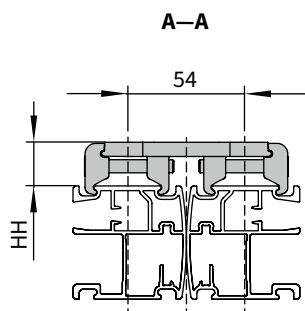
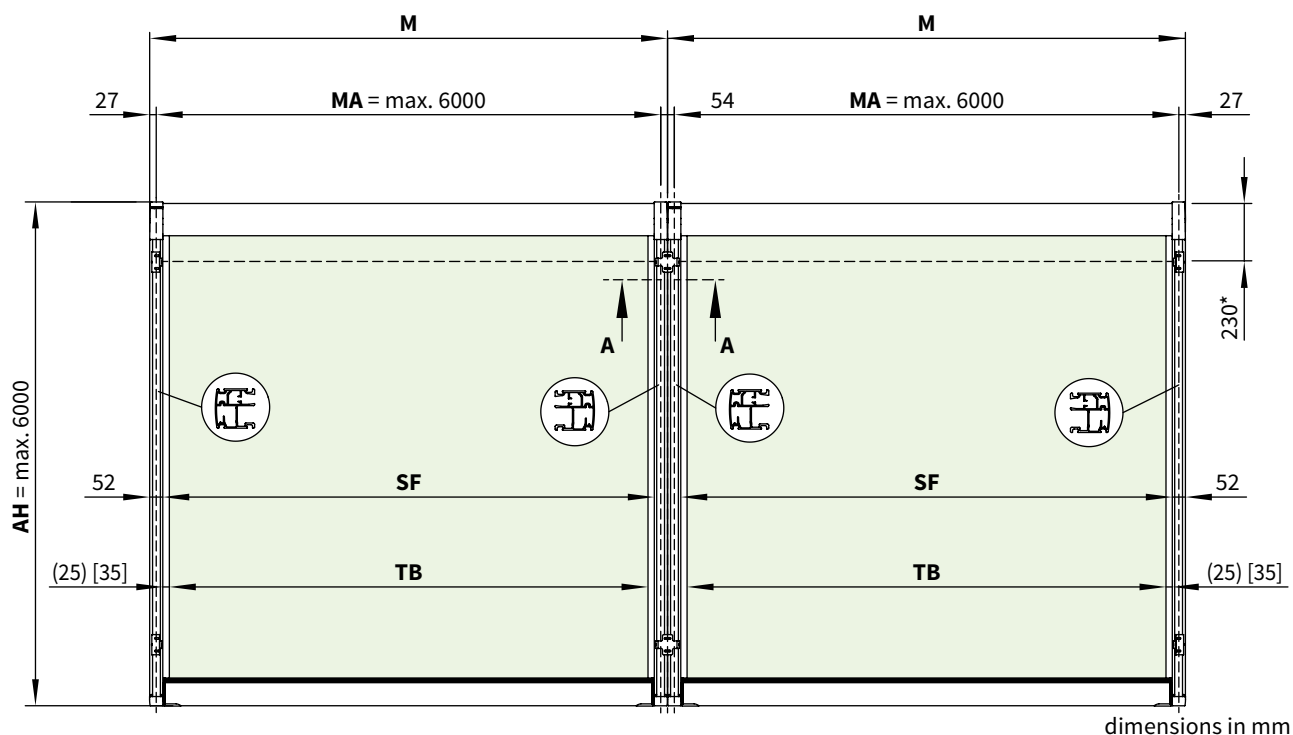
- 73624.** = track bracket with adjustable head, 80 mm
76046. = track bracket with adjustable head, 100 mm
76048. = track bracket with adjustable heads, 140 mm

dimensions in 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

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

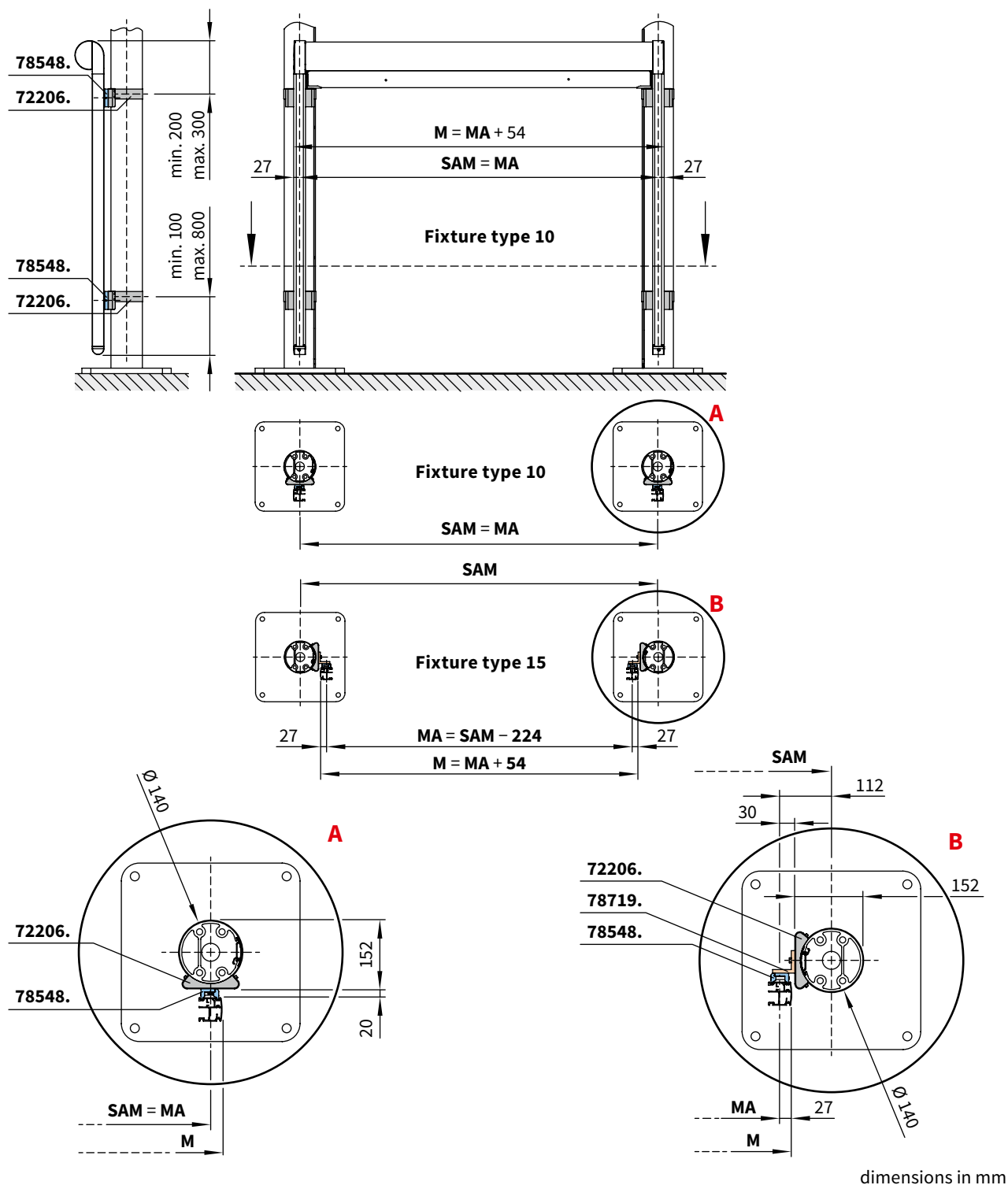
(...) = gap between cover and guide track (non-tracfix units)

[...] = 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



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

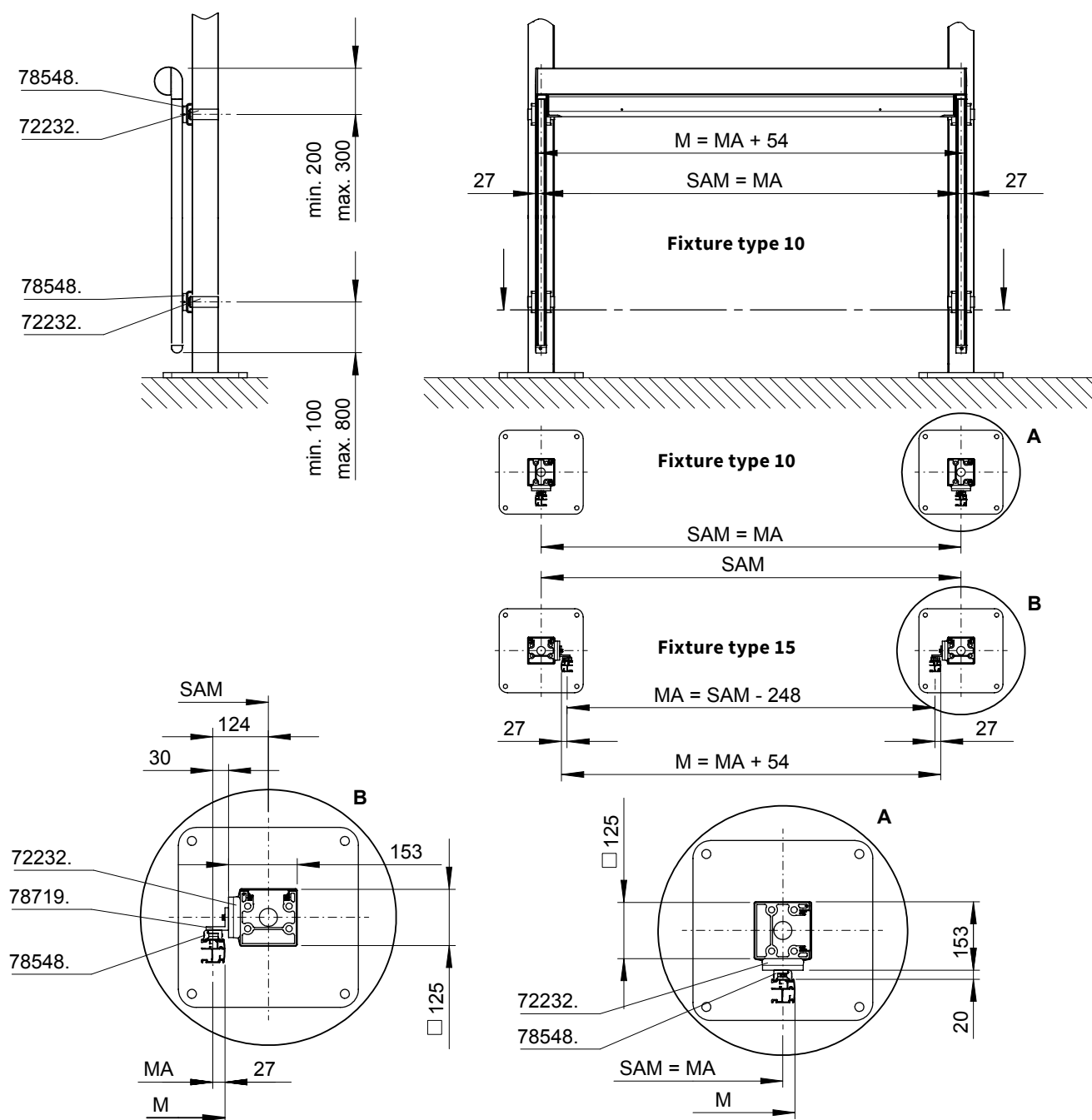
M = overall blind width = $MA + 54$ mm

MA = blind fixture width = blind width between fixture points

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, angled

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

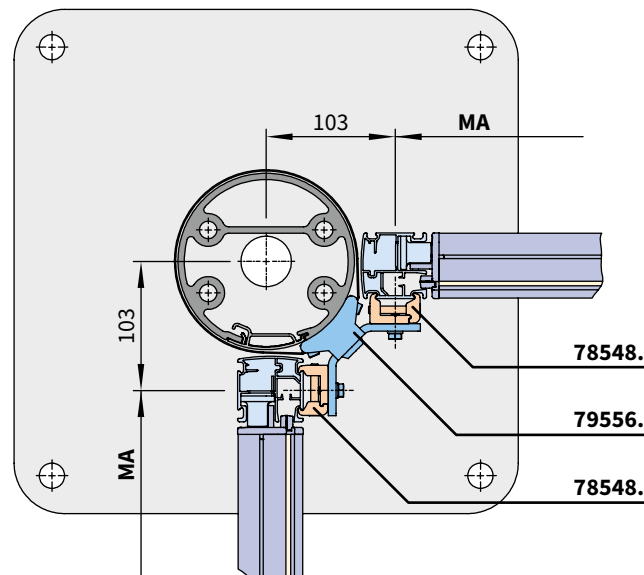
B = detailed view, fixture type 15

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

MA = blind fixture width = blind width between fixture points

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

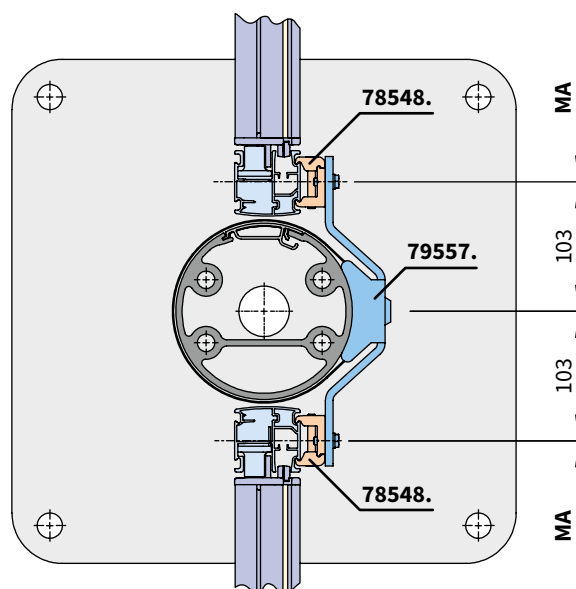
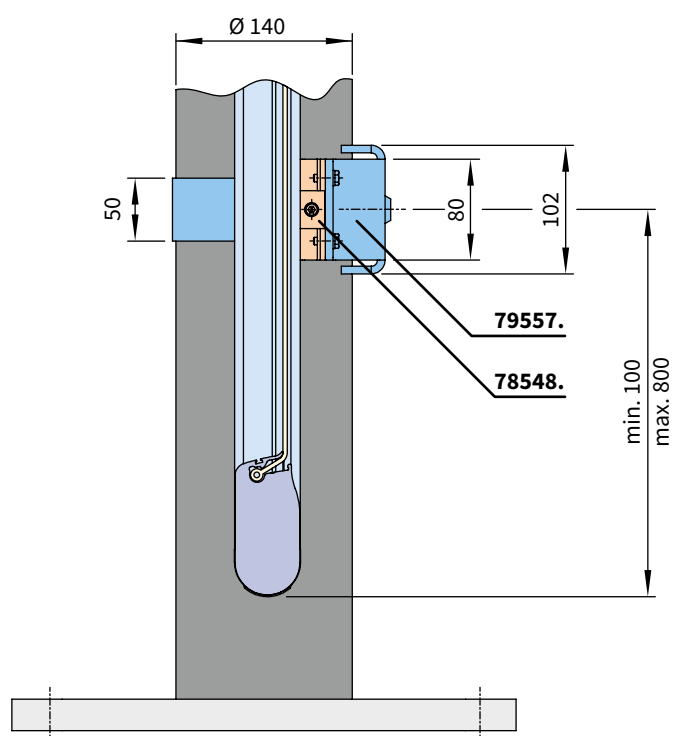
Installation of two vertical blinds to a round corner post of markilux syncra 2 / markilux RS-2



MA = awning fixture width = fixture width = order width

Installation dimensions ringungsmaße

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



dimensions in mm

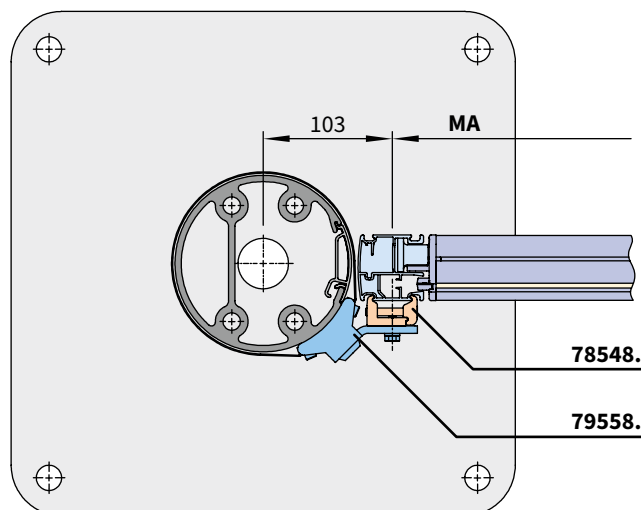
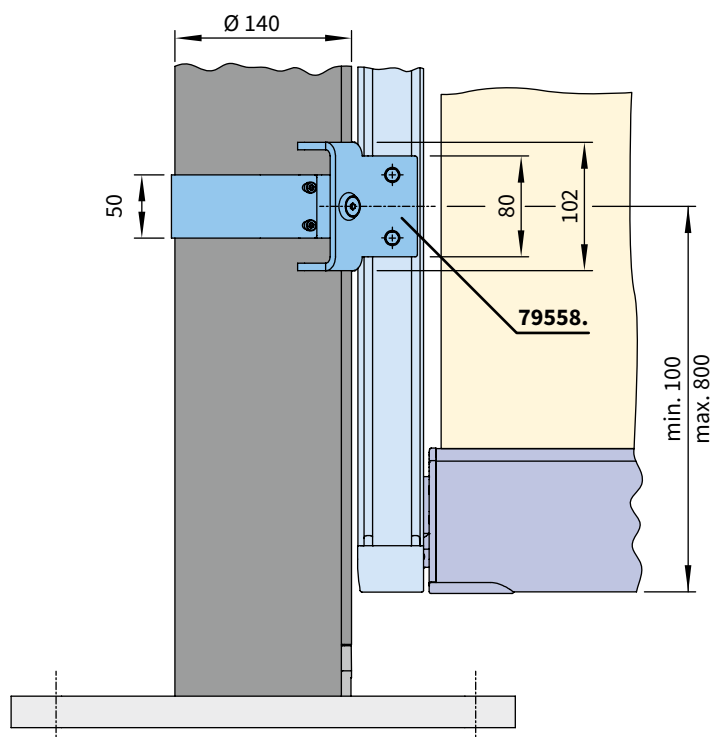
79557. = post fixture guide rail, centre, both sides, rounded

78548. = flat track bracket

MA = awning fixture width = fixture width = order width

Installation dimensions

Installation of one vertical blind to a round corner post of markilux sncra 2 / RS-2



dimensions in mm

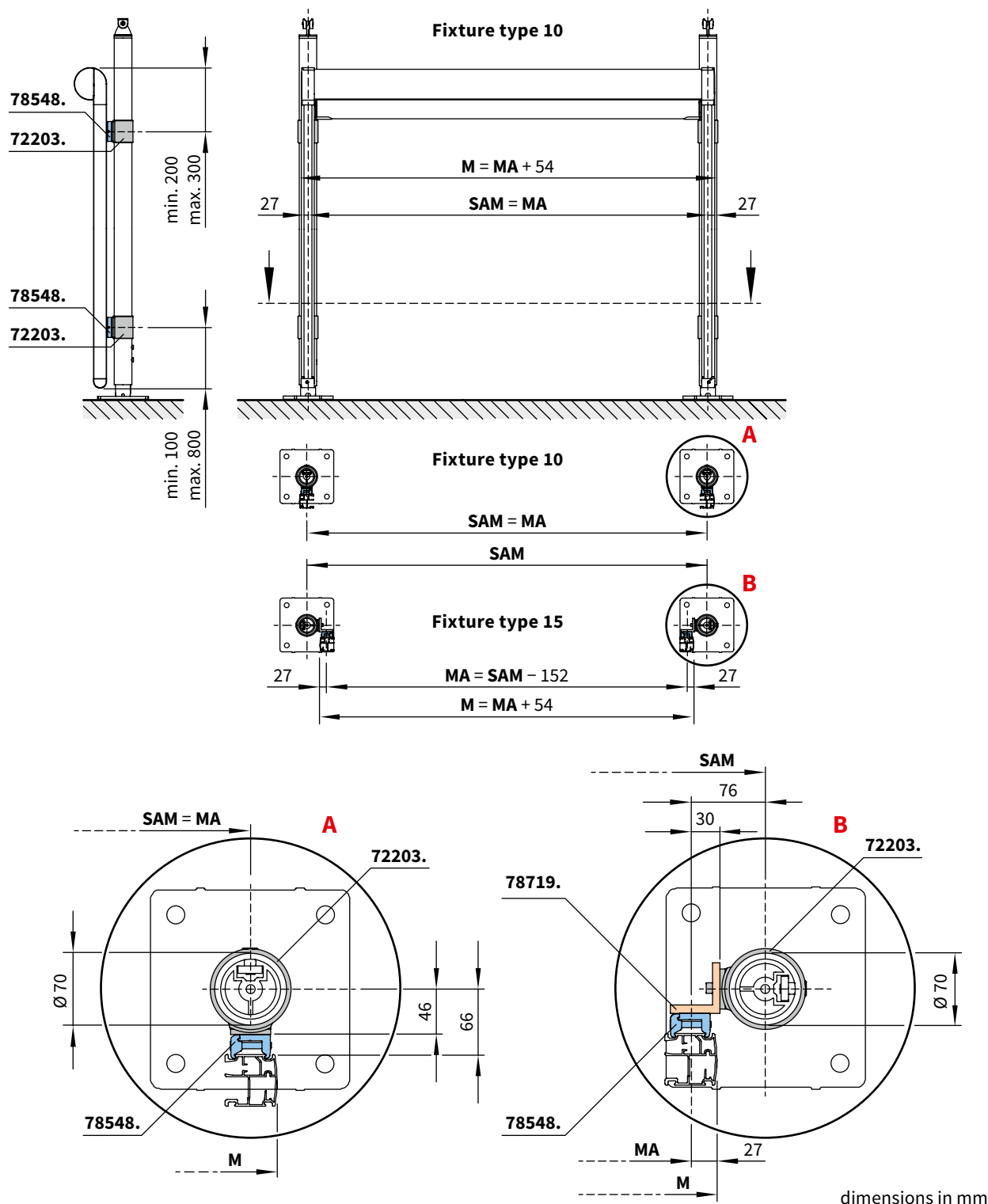
79558. = post fixture guide rail, bracket, one side, rounded

78548. = flat track bracket

MA = awning fixture width = fixture width = order width

Installation dimensions

Dimension overview installation to round markilux pergola posts



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 = blind fixture width = blind width between fixture points

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

01

02

03

04

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