



markilux 876 / 876 tracfix

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

Optionally available with a panorama window giving a clear view outside

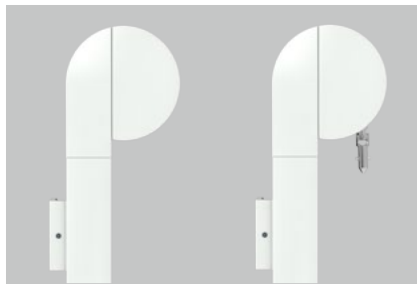
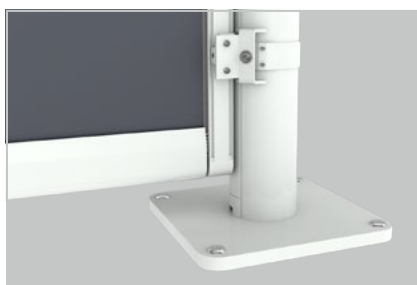
01

02

03

04

05

side views
markilux 876:left:
with motorright:
manual operationno gap between
cover and guide
track in tracfix
units (optional)recess fixture
markilux 876the front profile
finishes flush with
the guide tracks
when fully extendedmarkilux 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 angular guide tracks harmonise perfectly with one another

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 façade. 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 operating independently of one another

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

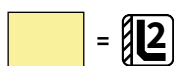
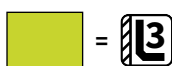
an easily installed, radio control light and wind sensor guarantees comfort and a degree of safety even in your absence

markilux panorama window available in tracfix units (depending on the dimensions)

Dimensions and configuration options

													
		150 ³⁾	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 ³⁾	70 ³⁾
	150 ¹⁾												
	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

=  2=  3






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) a maximum unit height of 280 cm is possible up to a fixture width of 96.3 cm

Frame colours

		Standard	Optional
traffic white	RAL 9016		
metallic aluminium	RAL 9006		
anthracite metallic	5204		
grey brown	similar to RAL 8019		
non-standard powder-coated finish			

Colours similar to those in the RAL chart. Colours may differ slightly from those depicted in both hue and finish.

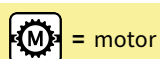
Operation / Drive unit

	Standard	Optional
manual operation	<input checked="" type="checkbox"/> ³⁾	—
hard-wired motor	<input checked="" type="checkbox"/> ⁴⁾	<input checked="" type="checkbox"/> ⁵⁾
radio-controlled motor (433 MHz)	—	<input checked="" type="checkbox"/>
io radio-controlled motor	—	<input checked="" type="checkbox"/>

3) not available in tracfix units

4) in tracfix units

5) optional without tracfix



= 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"/> 2)	—
transolair	338 ..	—	<input checked="" type="checkbox"/> 3)
perfotex	332 ..	<input checked="" type="checkbox"/> 4)	—
vuscreen ALU	317 ..	—	<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) up to a max. unit height of 450 cm (in tracfix units 400 cm) with vertical, bonded seams; seamless oversized sunvas fabric only available up to a max. fixture width of 400 cm
- 3) up to a fixture width of 400 cm (in tracfix units a fixture width of 400 cm and a maximum unit height of 400 cm), depending on the width and unit height with horizontal bonded seam(s)
- 4) up to a maximum unit height of 400 cm, with vertical, stitched seams, not available in tracfix units
- 5) up to a maximum fixture width of 400 cm and a maximum unit height of 400 cm, depending on the width and unit height with horizontal bonded seam(s) (in tracfix units: seamless, from a unit height of approx. 224 cm with horizontal seam)

Miscellaneous

	Standard	Optional
tracfix	—	<input checked="" type="checkbox"/>
light sensor		<input checked="" type="checkbox"/>
markilux PVC foil windows	—	<input checked="" type="checkbox"/> 6)

- 6) only in combination with fabrics from the sunsilk oder sunvas series and only available in tracfix units

Additional Information

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

The tolerances in the unit height are + 40 mm / - 40 mm.

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**.

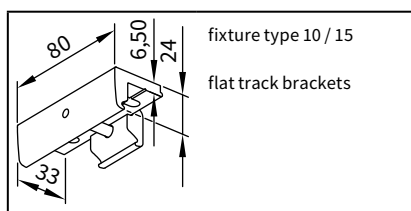
Depending on the size of the blind, deflection may be in evidence in individual profiles and sections of profile which is completely unavoidable. This does not influence the functionality or durability of the blind.

This model is only available as a single unit.

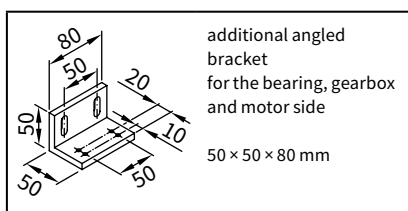
Dimensions and tolerances

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

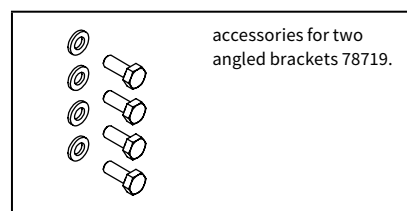
Fixtures, fittings and accessories



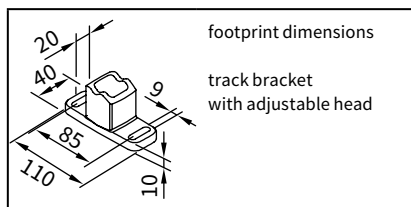
fixture type 10 / 15
flat track brackets

78548.

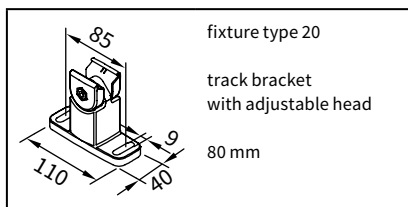
additional angled
bracket
for the bearing, gearbox
and motor side
50 × 50 × 80 mm

78719.

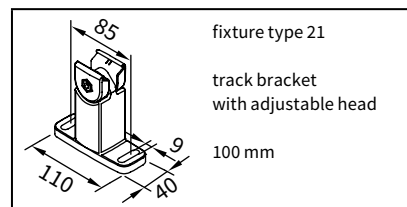
accessories for two
angled brackets 78719.

787211

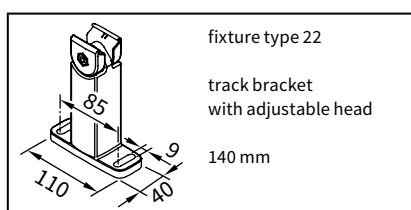
footprint dimensions
track bracket
with adjustable head

73624.

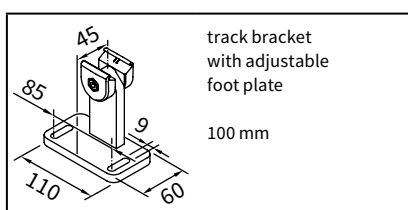
fixture type 20
track bracket
with adjustable head
80 mm

76046.

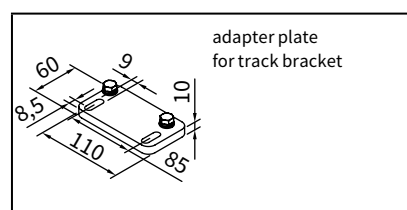
fixture type 21
track bracket
with adjustable head
100 mm

76046.

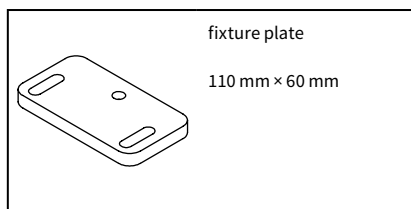
fixture type 22
track bracket
with adjustable head
140 mm

76048.

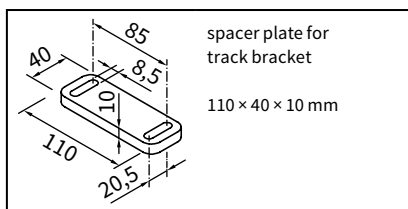
track bracket
with adjustable
foot plate
100 mm

76199.

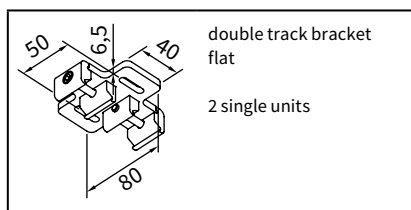
adapter plate
for track bracket

78165.

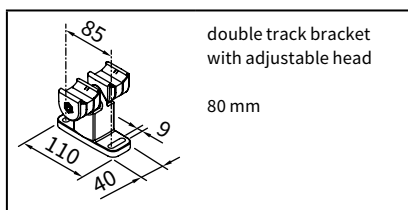
fixture plate
110 mm × 60 mm

78158.

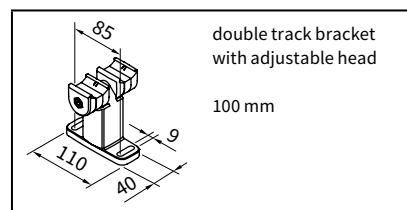
spacer plate for
track bracket
110 × 40 × 10 mm

78570.

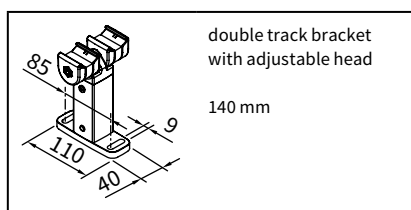
double track bracket
flat
2 single units

73627.

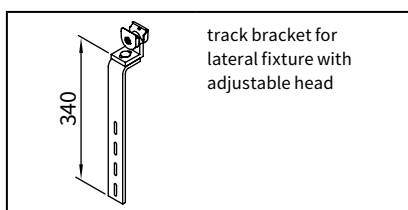
double track bracket
with adjustable head
80 mm

73631.

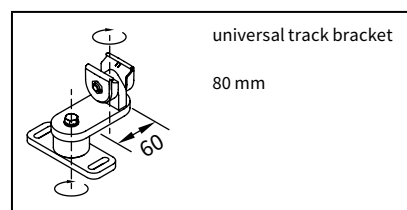
double track bracket
with adjustable head
100 mm

73634.

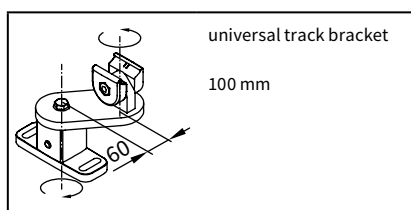
double track bracket
with adjustable head
140 mm

73636.

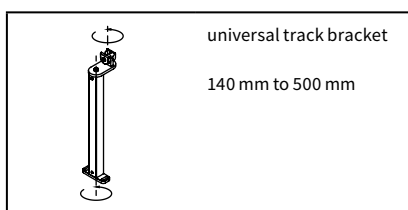
track bracket for
lateral fixture with
adjustable head

76049.

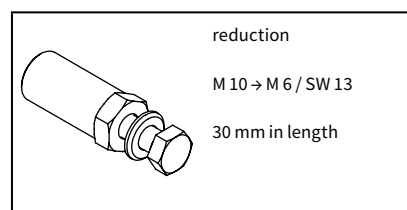
universal track bracket
80 mm

73629.

universal track bracket
100 mm

76054.

universal track bracket
140 mm to 500 mm

76053.

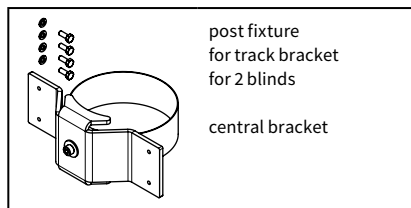
reduction
M 10 → M 6 / SW 13
30 mm in length

753211

. = insert RAL colour code no.

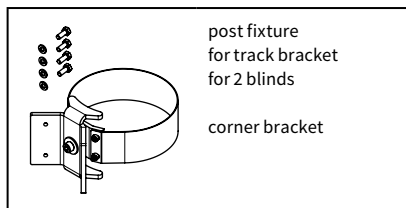
Fixtures, fittings and accessories

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



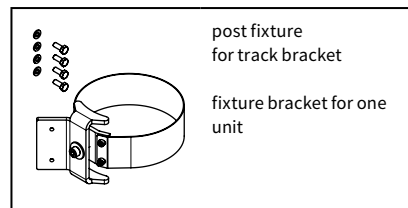
post fixture
for track bracket
for 2 blinds
central bracket

79557.



post fixture
for track bracket
for 2 blinds
corner bracket

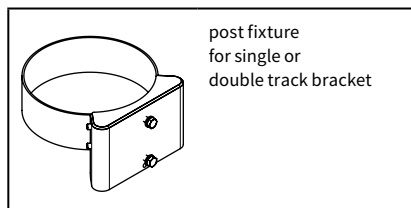
79556.



post fixture
for track bracket
fixture bracket for one
unit

79558.

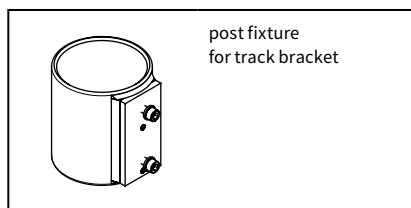
Brackets for fixture on / to the posts of the markilux syncra 2 / RS-2



post fixture
for single or
double track bracket

72206.

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



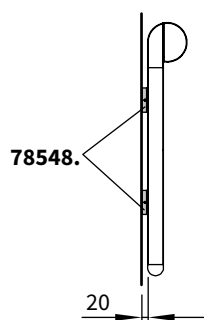
post fixture
for track bracket

72203.

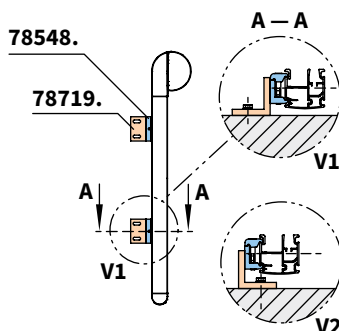
Fixture combinations

All brackets incur a surcharge

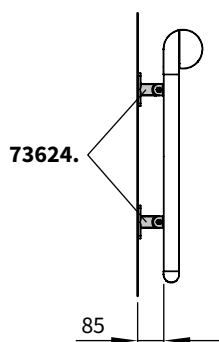
Fixture type
10



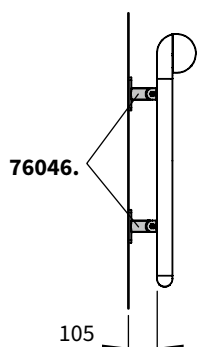
Fixture type
15



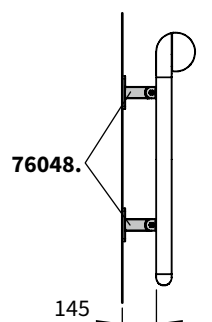
Fixture type
20



Fixture type
21



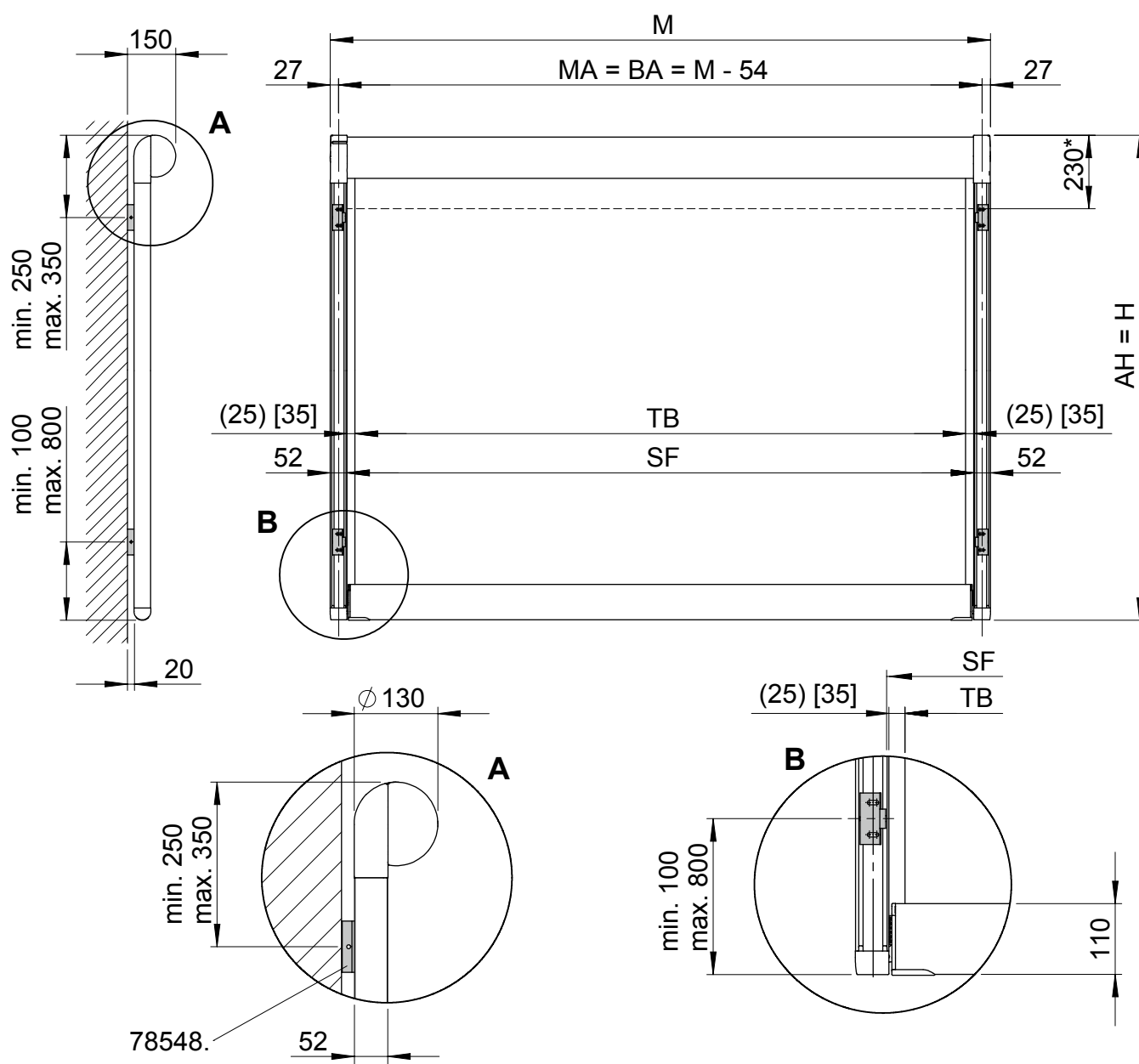
Fixture type
22



- 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)

Installation dimensions

Dimension overview fixture type 10, as seen from inside!



dimensions in mm

AH = unit height = nominal height

BA = width between fixture points

H = nominal unit height

M = overall awning width

MA = blind fixture width = blind width between fixture points

SF = visible cover (in tracfix systems)

TB = cover width

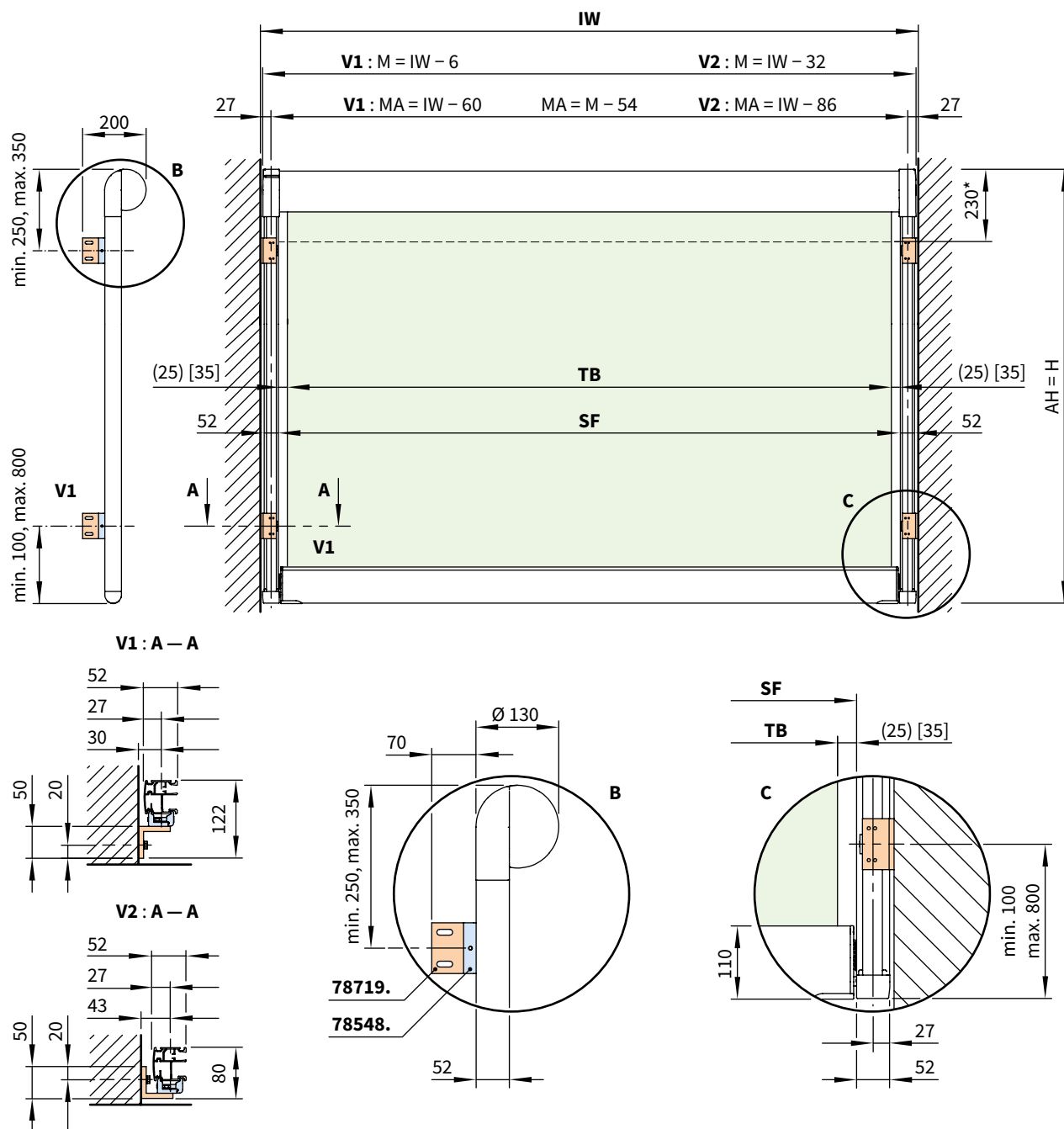
(...) = gap between cover and guide track (non-tracfix units)

[...] = the 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

AH = unit height = nominal height

IW = reveal width

H = nominal unit height

M = overall awning width

MA = blind fixture width = blind width between fixture points

SF = visible cover (in tracfix systems)

TB = cover width

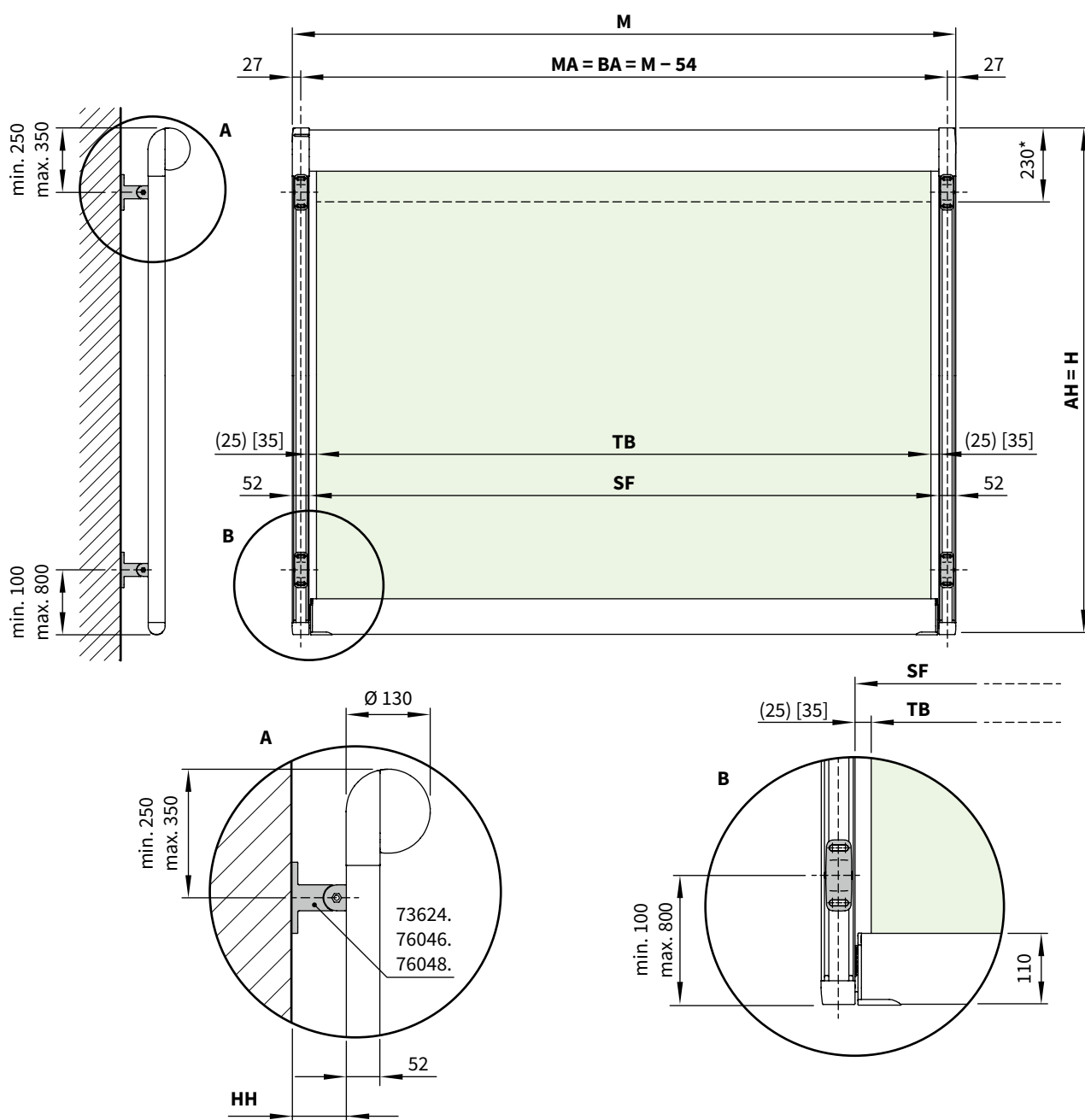
(...) = gap between cover and guide track (non-tracfix units)

[...] = the 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



dimensions in mm

AH = unit height = nominal height

BA = width between fixture points

H = nominal unit height

M = overall awning width

MA = blind fixture width = blind width between fixture points

SF = visible cover (in tracfix systems)

TB = cover width

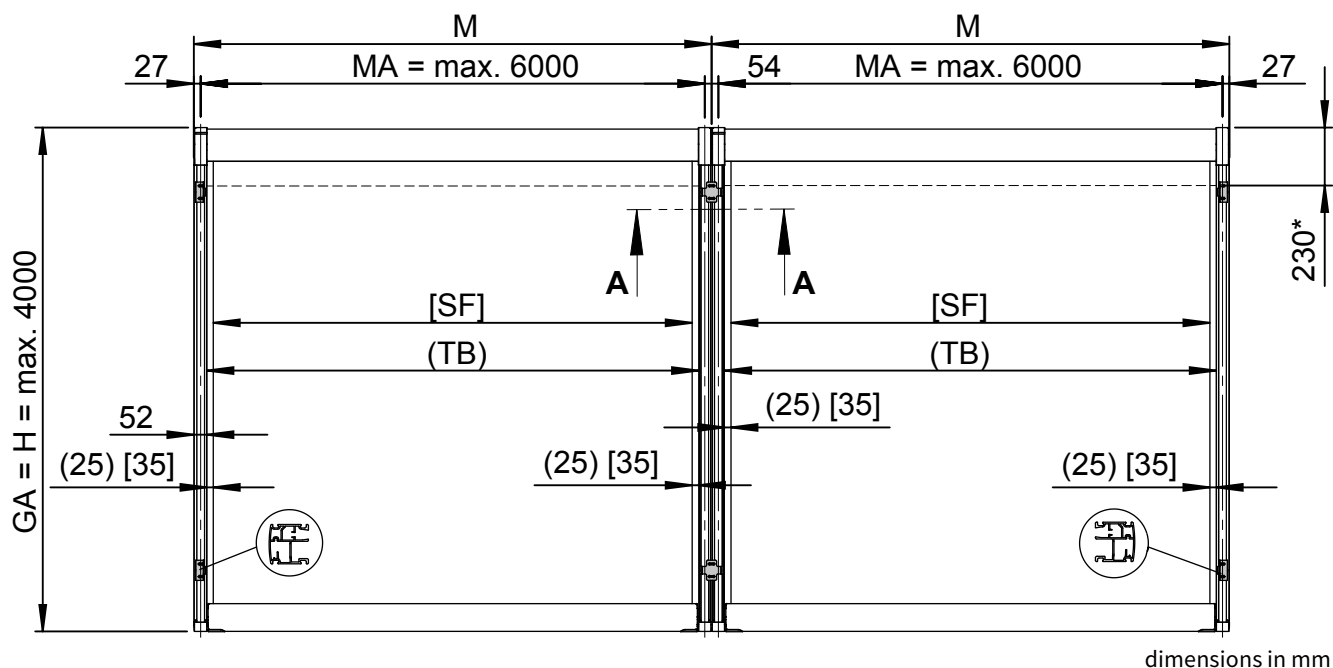
(...) = gap between cover and guide track (non-tracfix units)

[...] = the 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



GA = overall extension

H = nominal unit height

HH = bracket height

M = overall awning width

MA = blind fixture width = blind width between fixture points

SF = visible cover (in tracfix systems)

TB = cover width

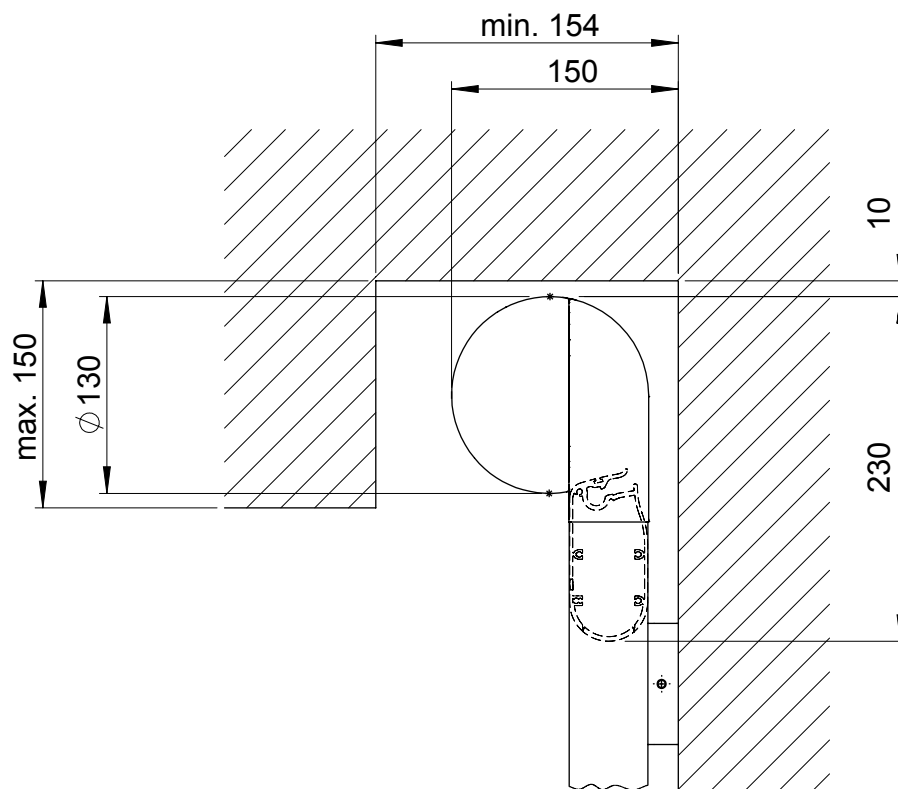
(...) = gap between cover and guide track (non-tracfix units)

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

* = cassette and front profile height with the blind retracted

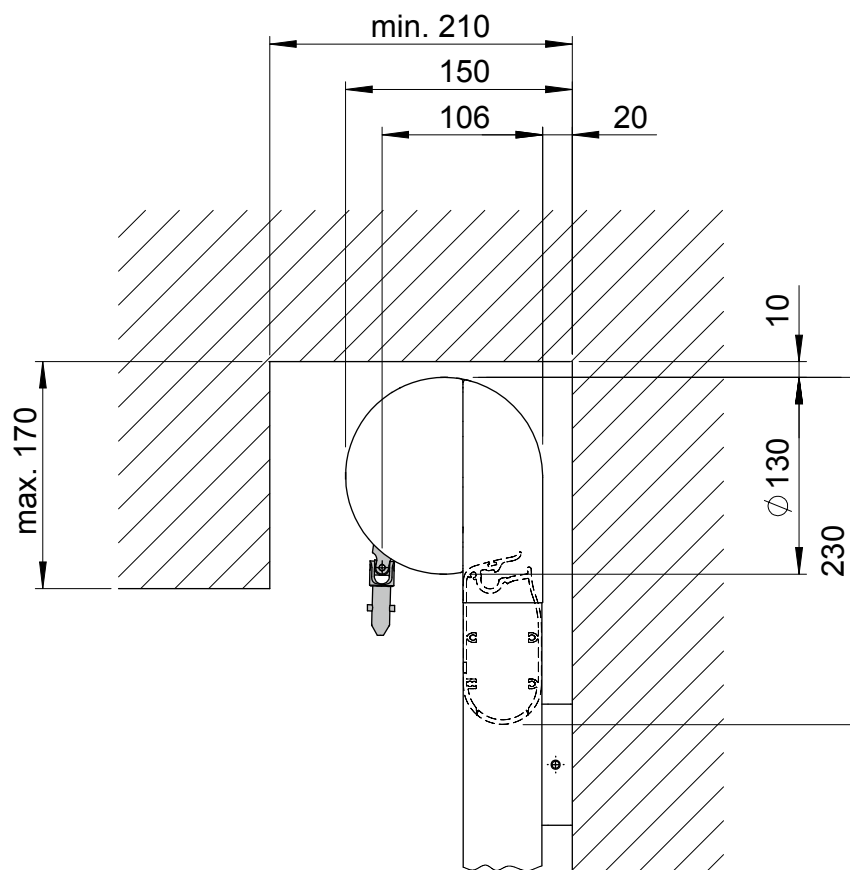
Installation dimensions

Niche fixture, motor operation



dimensions in mm

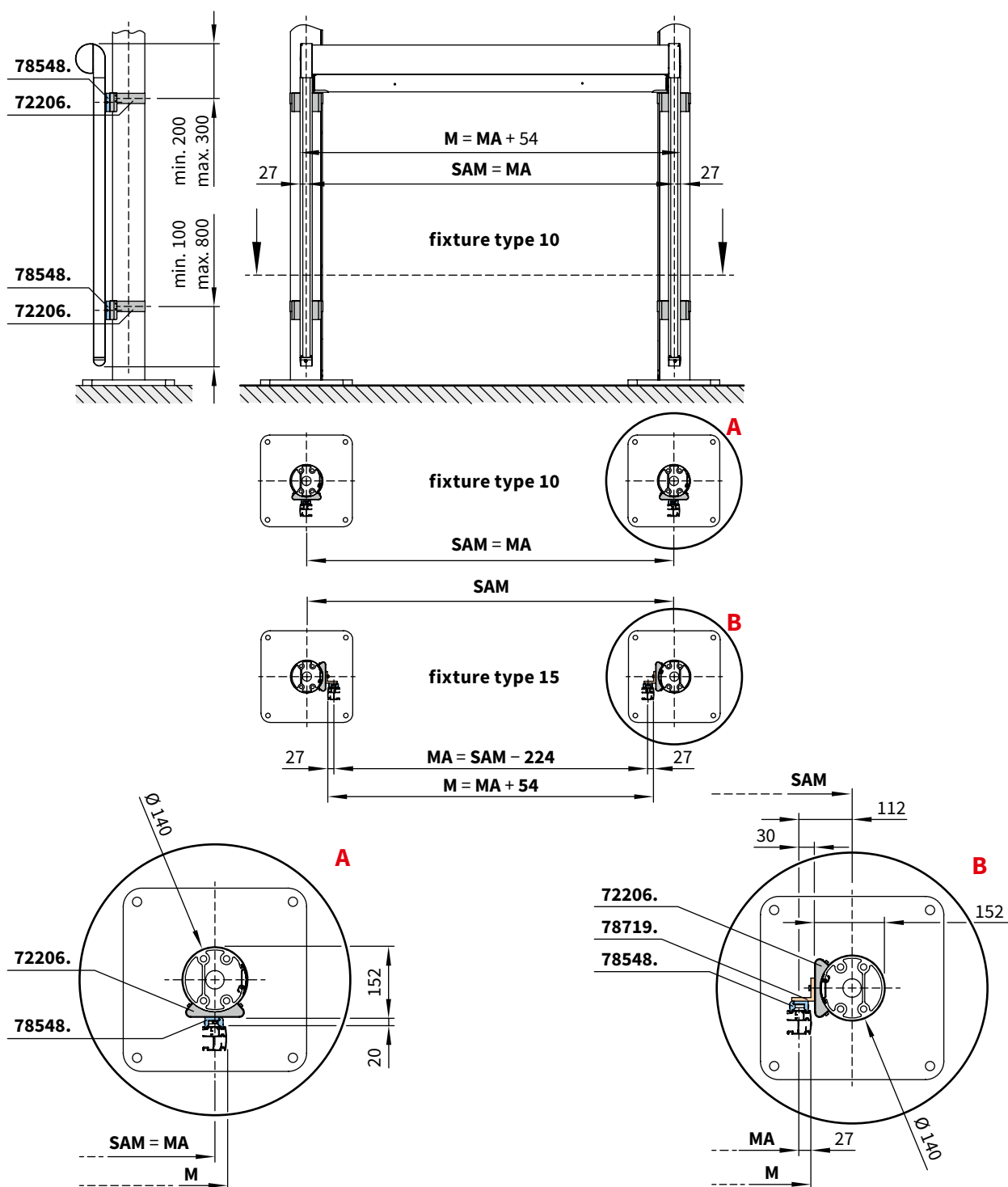
Niche fixture, manual operation



dimensions in mm

Installation dimensions

Dimension overview fixture to the markilux syncra 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

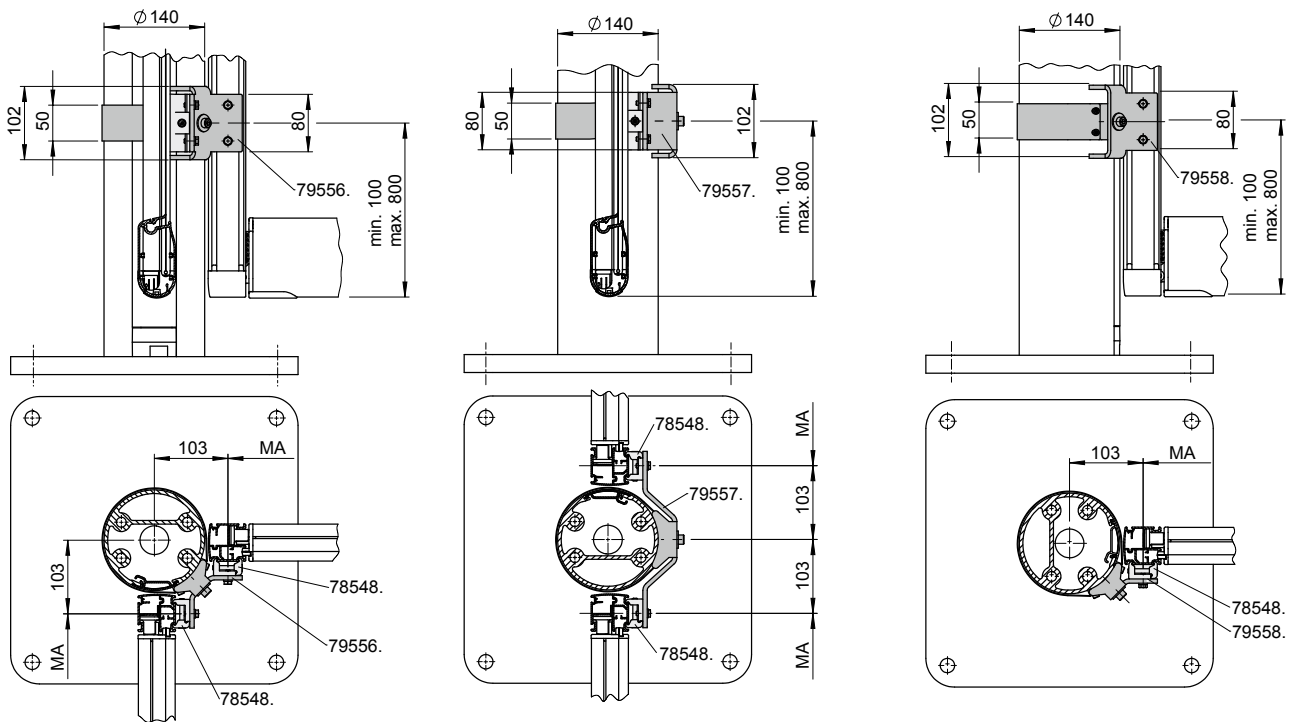
M = overall awning width = $MA + 54$ mm

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 of other possibilities of fixture to the markilux syncra 2

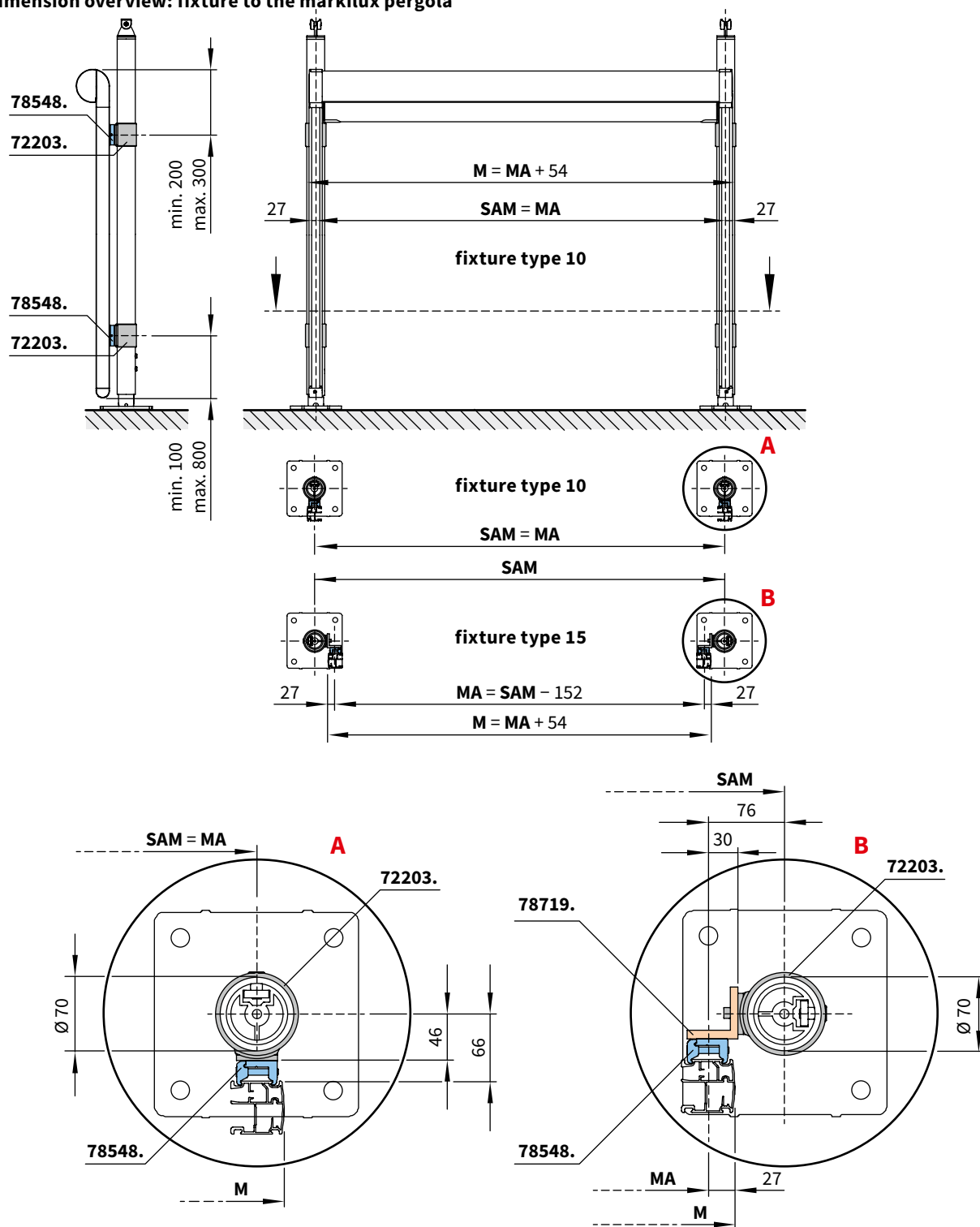


dimensions in mm

MA = blind fixture width = blind width between fixture points

Installation dimensions

Dimension overview: fixture to the markilux pergola



72203. = post fixture for track bracket

78548. = flat track brackets (fixture type 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

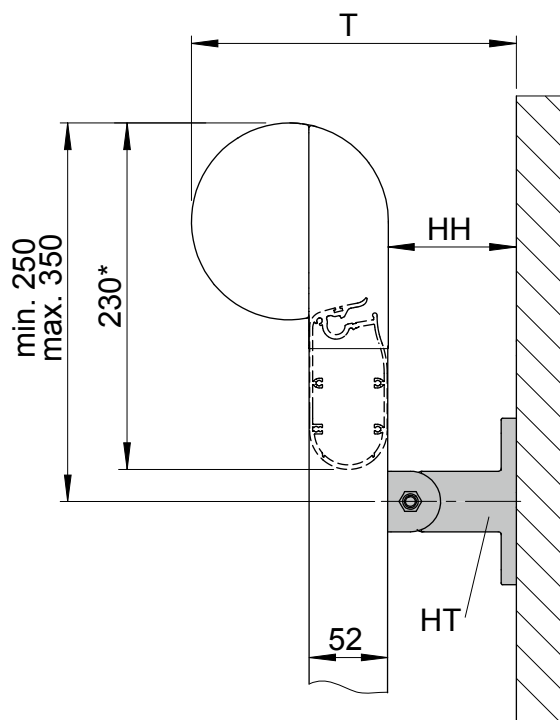
M = overall awning width = $MA + 54$ mm

MA = blind fixture width = blind width between fixture points

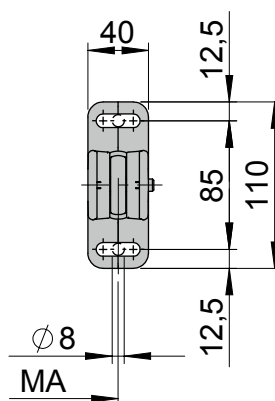
SAM = dimension from post centre to post centre of the markilux pergola

dimensions in mm

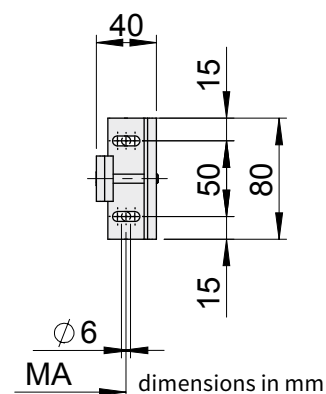
Dimension overview



**Fixture types
20, 21, 22**



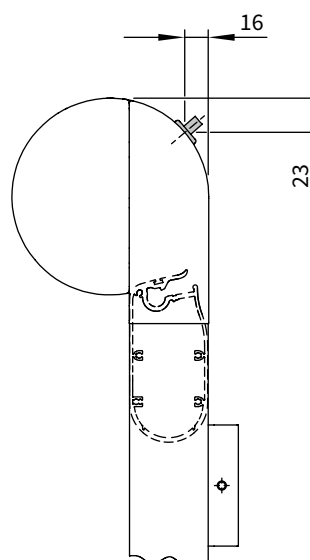
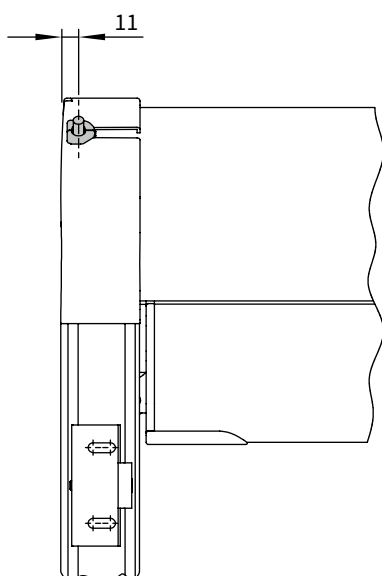
**Fixture type
10**



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

* = cassette and front profile height with the awning retracted

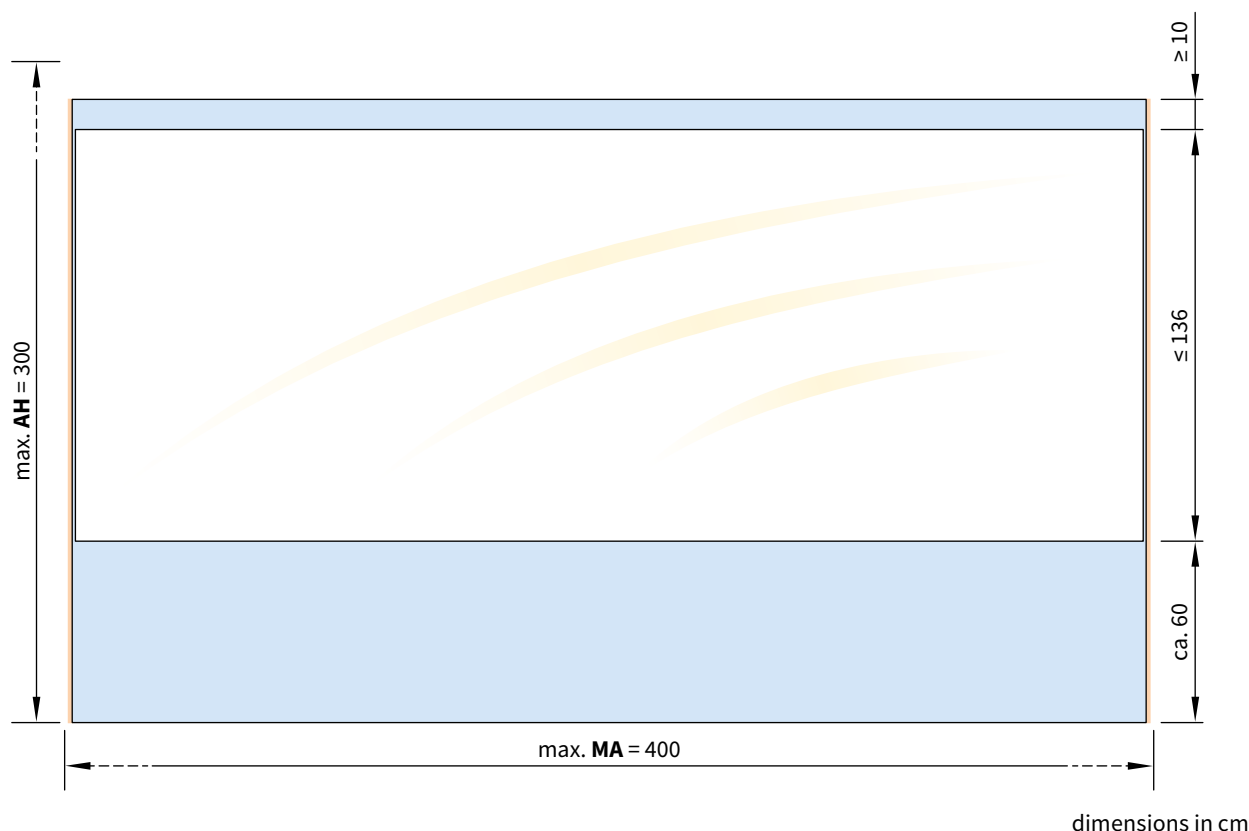
Cable exit point in the case of motor-driven units



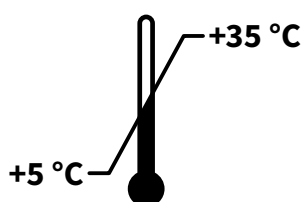
dimensions in mm

Flexible panorama window – only in tracfix units

Dimension overview made-up cover sizes



The blind may only be extended and retracted if the ambient temperature is between +5°C and +35°C.



only available in tracfix units

tracfix

- maximum size:
blind fixture width 400 cm x unit height 300 cm
other panel distributions on request
- continuous panorama window
maximum height 136 cm
- fabric strip above and below the window foil:
sunvas snc or sunsilk snc

The different properties of polyester fabrics and those of the window foil may, depending on the temperature and conditions, lead to the formation of wrinkles, fraying, curved lines where the materials meet and to squeaking.

Scuff marks and scratches in the panorama window itself may become evident. These are down to the material used, are unavoidable and therefore do not represent grounds for complaint. This is equally true of the electrostatic charge that may build up.

The bottom limit of the blind may alter slightly as the window foil slowly stretches and may have to be reset at a later date.

MA = awning fixture width
AH = unit height

- 01
- 02
- 03**
- 04
- 05