

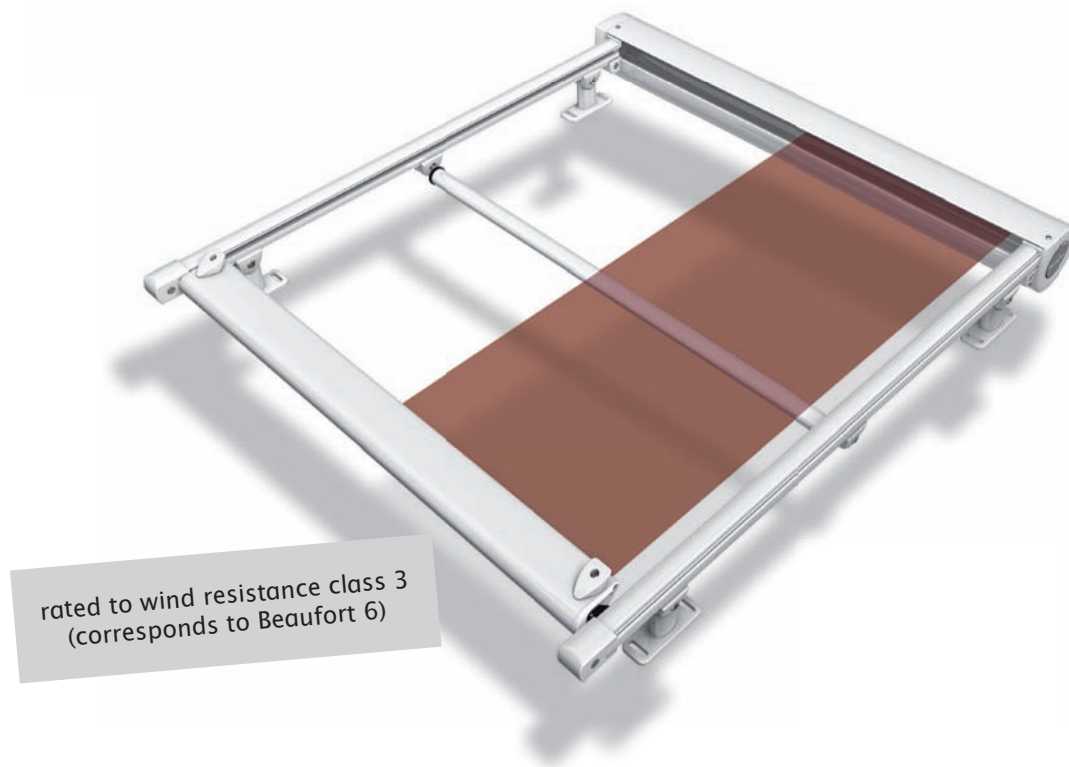


markilux 780 / 880

Remarkably compact yet incredibly sturdy conservatory awnings - for external and internal applications and small areas of glass



markilux



markilux 780 / 880

Remarkably compact yet incredibly sturdy conservatory awnings - for external and internal applications and small areas of glass

Design features

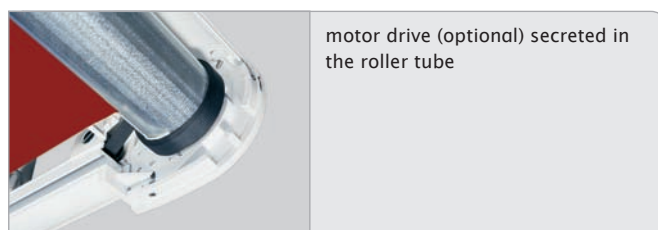
- compact cassette profile made of extruded aluminium. The square cassette of the markilux 780 is only 95 mm in height
- the panel joints of the awning cover are ultrasonically bonded - for an improved appearance without unsightly stitching
- when retracted the cover is protected from the weather by the cassette, which encloses it completely
- for long-lasting attractiveness the awning has been powder coated
- in the case of manual operation it is supplied with a markilux stainless steel winding handle - quality to get to grips with
- the compact, rounded profiles make it discreet and unobtrusive

Technical highlights

- is suitable for use as both exterior and interior shading
- awning completely pre-assembled and tested in the factory
- brackets with patented clip-on mechanism for simple, problem free installation
- special vario-belts provide optimum cover tension when the awning is completely extended
- the guide tracks can overhang the outermost bracket by up to 80 cm, giving even more protection from the sun
- in the case of the round cassette: extremely sturdy, stainless steel side cheek sheathed in plastic and powder coated

Additional features

- hard-wired motor operation (optionally with automatic weather controls) for straightforward and easy operation
- radio-controlled motor with remote control for comfortable operation, markilux remote control with ergonomic design
- an easily installed, radio control light and wind sensor guarantees comfort and a degree of safety - even in your absence
- to simplify fixture, a broad selection of brackets is available
- awning available in non-standard RAL colours



Standard specification

stainless steel winding handle with bayonet fitting

bonded awning cover

sunsilk snc fabric

sunsilk snc signature fabric

acrylic fabric 34

widely woven acrylic fabric

perfortex fabric

transolair fabric

Standard frame colours

traffic white - RAL 9016

metallic aluminium - RAL 9006

grey brown - similar to RAL 8019

Optional accessories

hard-wired or radio-controlled motor with remote control

frame system markilux RS 8000

cover profiles for gap between tracks and cover

light and wind sensor




non-standard powder-coated finish

Dimensions and configuration options

		fixture / order width											minimum fixture width	
		75	100	125	165	205	245	285	325	350 ⁵⁾	375 ⁵⁾	400 ⁵⁾	hard-wired motor / gearbox	radio-controlled motor
		62 - 75	76 - 100	101 - 125	126 - 165	166 - 205	206 - 245	246 - 285	286 - 325	326 - 350	351 - 375	376 - 400		
Extension	overall width motor operation	+ 5	+ 5	+ 5	+ 5	+ 5	+ 5	+ 5	+ 5	+ 5	+ 5	+ 5	62	76
	overall width manual operation	+ 8	+ 8	+ 8	+ 8	+ 8	+ 8	+ 8	+ 8	+ 8	+ 8	+ 8		
	150												62	76
	200													
	250 ²⁾													
	300 ¹⁾													
	350 ^{1) 3) 4)}													
	400 ^{1) 3) 4)}													

- 1) in the case of the square cassette (markilux 780) from an extension of 251 cm only possible with acrylic widely woven fabric, transolair, sunsilk or Soltis 92. sunsilk is possible up to a max. extension of 300 cm
 2) 1 cover support tube is provided with Soltis 92 from an extension of 201 cm
 3) 2 cover support tubes are provided with Soltis 92 from an extension of 301 cm
 4) 3 brackets per track from an extension of 301 cm
 5) additional support for the cover support tube(s)

dimensions in cm

 = available (recommended minimum bracket height when fitting on top 80 mm)
 = available (recommended minimum bracket height when fitting on top 100 mm)
 = available (recommended minimum bracket height when fitting on top 140 mm)
 • = 1 cover support tube
 •• = 2 cover support tubes
 fixture types 10 + 15: no cover support tubes when fitted underneath

Type of shading	
exterior	●
interior	○
Operation	
hard-wired motor	○
radio-controlled motor	○*
manual operation with stainless steel winding handle	●
cord pulley system	—
operating rod	—
Covers	
sunsilk snc (fabric series 324xx/329xx)	● ¹
sunsilk snc signature (fabric series 369xx)	● ¹
acrylic 34 (fabric series 341xx-347xx)	● ²
widely woven acrylic (fabric series 349xx)	● ³
sunsilk perla FR (fabric series 374xx/379xx)	○ ⁴
perfortex (fabric series 333xx)	● ²
transolair (fabric series 339xx)	● ⁵
Trevira CS	—
Soltis 92	○ ⁶
PVC fabric	—
Miscellaneous	
wall sealing profile	—
frame system markilux RS 8000	○
cover profiles for gap between tracks and cover	○
light and wind sensor	○
Coupled units	
coupled unit, 2 fields	—
coupled unit, 3 fields	—

- = standard specification
 ○ = optional accessories
 — = not available
 ○* = radio-controlled motor using 433 MHz technology
 ●¹ = in the case of the markilux 780 the maximum extension is 300 cm
 ●² = in the case of the markilux 780 the maximum extension is 250 cm
 ●³ = markilux 780: from a fixture width of 329 cm and an extension of 329 cm with horizontal seam; markilux 880: from a fixture width of 329 cm and an extension of 330 cm with horizontal seam
 ○⁴ = in the case of the markilux 780 the maximum extension is 250 cm
 ●⁵ = markilux 780: from a fixture width of 261 cm and an extension of 261 cm with horizontal seam; markilux 880: from a fixture width of 261 cm and an extension of 262 cm with horizontal seam
 ○⁶ = markilux 780: from a fixture width of 186 cm and an extension of 186 cm with horizontal seam; markilux 880: from a fixture width of 186 cm and an extension of 187 cm with horizontal seam

Housing tolerances / Awning cover dimensions	Width	Extension	
		780	880
housing tolerance	+5 / -10		
awning cover width = fixture width less	80		
awning cover length = awning extension less		135	145

dimensions in mm

The width of the awning cover is always **less** than the width of the awning.





Definition of fixture/order width: the width noted on the order should be the fixture width of the unit i.e. the distance between the two fixture points on the conservatory. The overall width is larger than the fixture width (v. matrix). The tolerance in the width is +0 / -10 mm.

Definition of extension: the nominal extension is measured with the awning extended from the back of the cassette to the leading edge of the front profile (the guide tracks will extend 60 mm past this point). The tolerance in the extension is +20 / -20 mm.

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

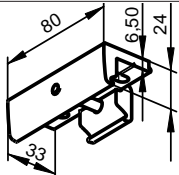
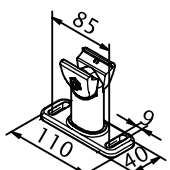
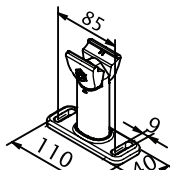
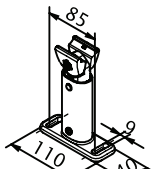
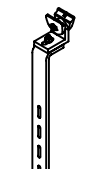
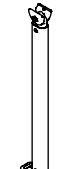
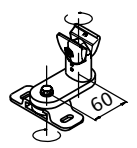
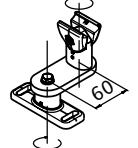
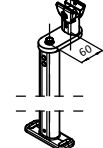
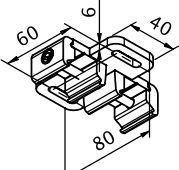
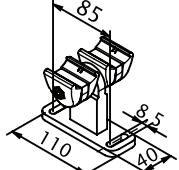
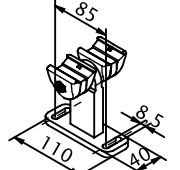
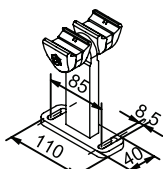
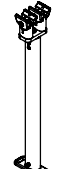
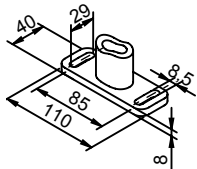
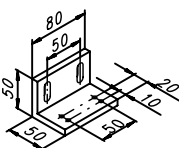
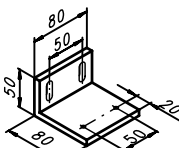
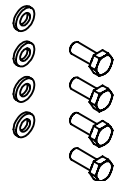
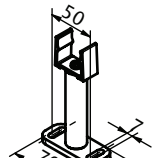
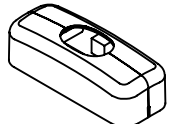
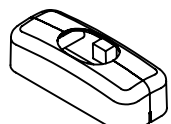
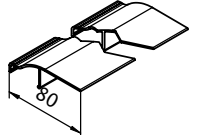
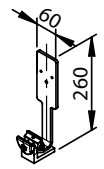
Definition of operating side: the operating side is always given as if seen from the outside (right or left).

Extension with a **hard-wired motor** takes approx. **12 seconds per metre**, with a **radio-controlled motor** approx. **10 seconds per metre**, in the case of **manual operation** 18 winding handle rotations per metre.

Frame colours		
traffic white - RAL 9016		●
metallic aluminium - RAL 9006		●
grey brown - similar to RAL 8019		●
non-standard powder-coated finish		○

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

Fixtures, fittings and accessories

 <p>Fixture type 10, 15 Flat track bracket</p> <p>78548.</p>	 <p>Fixture type 20 Track bracket with adjustable head</p> <p>80 mm</p> <p>78451.</p>	 <p>Fixture type 21 Track bracket with adjustable head</p> <p>100 mm</p> <p>78538.</p>
 <p>Fixture type 22 Track bracket with adjustable head</p> <p>140 mm</p> <p>78539.</p>	 <p>Fixture type 30 Flat track bracket with adjustable head</p> <p>78546.</p>	 <p>Track bracket with adjustable head</p> <p>100 - 500 mm</p> <p>78540.</p>
 <p>Universal track bracket</p> <p>80 mm</p> <p>78542.</p>	 <p>Universal track bracket</p> <p>100 mm</p> <p>78543.</p>	 <p>Universal track bracket</p> <p>140 - 500 mm</p> <p>78545.</p>
 <p>Double flat track bracket</p> <p>2 single units</p> <p>78671.</p>	 <p>Double track bracket with adjustable head,</p> <p>80 mm</p> <p>2 single units</p> <p>78654.</p>	 <p>Double track bracket with adjustable head,</p> <p>100 mm</p> <p>2 single units</p> <p>78658.</p>
 <p>Double track bracket with adjustable head,</p> <p>140 mm</p> <p>2 single units</p> <p>78683.</p>	 <p>Double track bracket with adjustable head,</p> <p>140 - 500 mm</p> <p>2 single units</p> <p>78685.</p>	 <p>Fixture dimensions of track brackets with adjustable head</p>
 <p>Fixture type 15 Additional bracket bearing/motor side</p> <p>50 x 50 x 80 mm</p> <p>(fixture between beams, walls etc.)</p> <p>please order additional accessories 787211!</p> <p>78719.</p>	 <p>Fixture type 15 Additional bracket gearbox side</p> <p>80 x 50 x 80 mm</p> <p>(fixture between beams, walls etc.)</p> <p>please order additional accessories 787211!</p> <p>78720.</p>	 <p>Fixture type 15 Accessories for two angle brackets 78719. or 78720.</p> <p>787211</p>
 <p>Support assembly for cover support tube</p> <p>if the fixture width is greater or equal to 3251 mm</p> <p>78679.</p>	 <p>Decorative cap assembly for track bracket</p> <p>for: 78081., 78086., 78094., 78247., 78451., 78538., 78543., 78454., 78663.</p> <p>76603.</p>	 <p>Decorative cap assembly for track bracket</p> <p>for: 78082., 78087., 78095., 78105., 78107., 78108., 78251., 78539., 78540., 78545., 78665., 78664., 78685.</p> <p>76604.</p>
 <p>Gap cover profile</p> <p>78999.</p>	 <p>Bracket assembly for light/ wind/rain sensor</p> <p>78547.</p>	

. = Please insert the RAL No. (please refer to the section on "Coatings")

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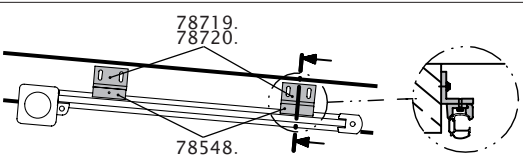
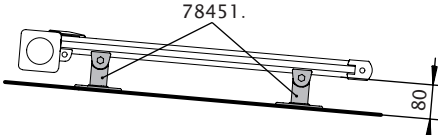
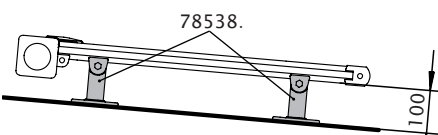
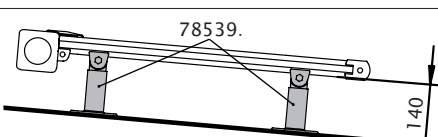
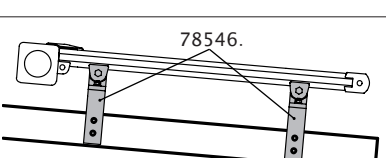
Specification

markilux
780 / 880markilux
8000markilux
8000
with curved frontmarkilux
RS 8000markilux
8500markilux
889markilux
Roof FestoonOptional
AccessoriesTechnical
Information

Fixture combinations

all brackets incur a surcharge

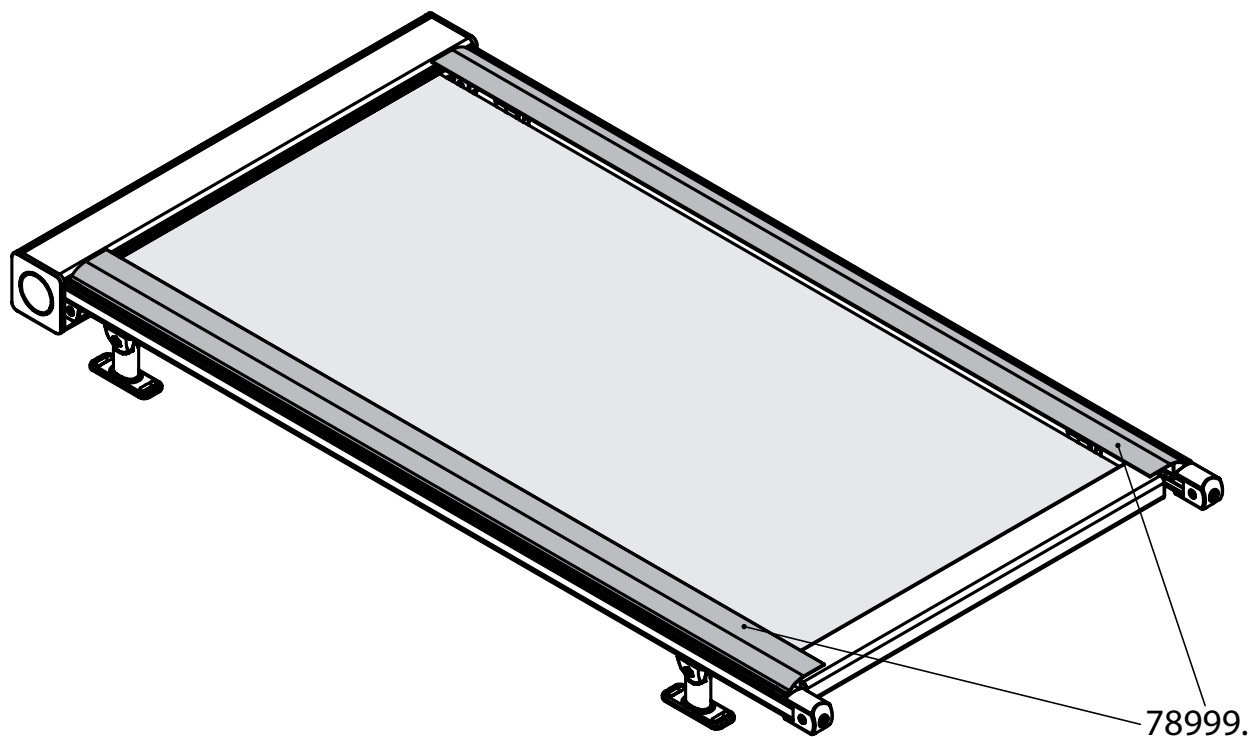
Fixture type

10		<ul style="list-style-type: none"> from an extension of 3001 cm, 3 brackets per track without cover support tube
15		<ul style="list-style-type: none"> cover sag during extension and retraction may reach approx. 350 mm without gap cover profile for cassette / guide track (to prevent water ingress when retracted)
20		<ul style="list-style-type: none"> from an extension of 3001 cm, 3 brackets per track
21		
22		
30		

Individual bracket combinations - see "Fixtures, fittings and accessories". Make sure you note the minimum quantity required for the width and unit height you have ordered!

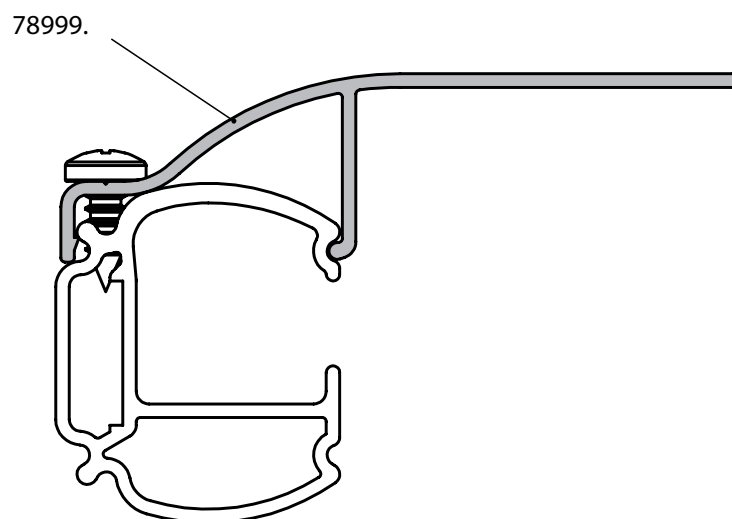
Fixing of the gap cover profile for gaps between cover and tracks (optional)

sample of a square cassette



dimensions in mm

cross section of gap cover profile



dimensions in mm

78999. = gap cover profile

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Collection

Specification

markilux
780 / 880

markilux
8000

markilux
8000
with curved front

markilux
RS 8000

markilux
8500

markilux
889

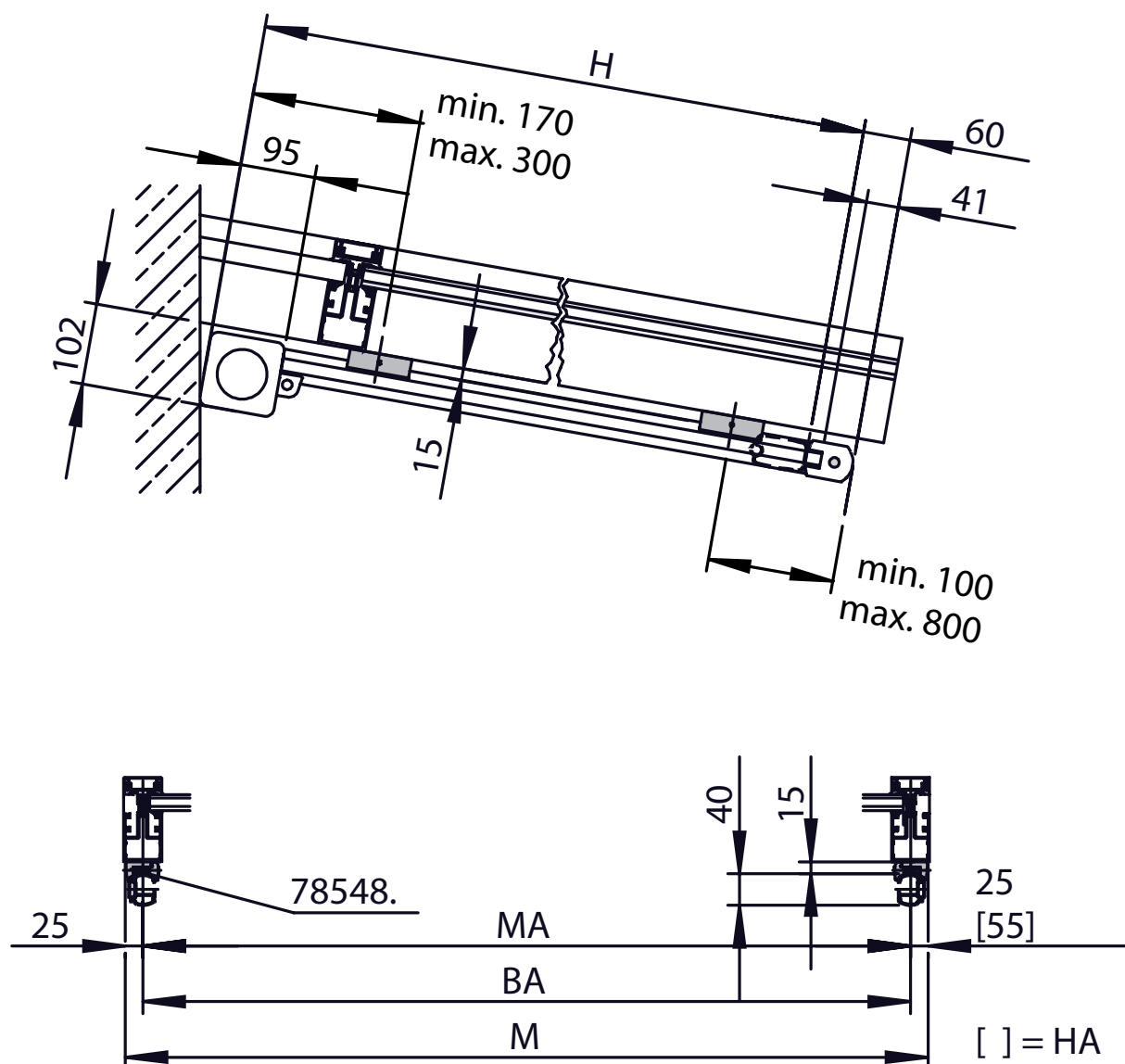
markilux
Roof Festoon

Optional
Accessories

Technical
Information

fixing dimensions fixture method 10

markilux 780



dimensions in mm

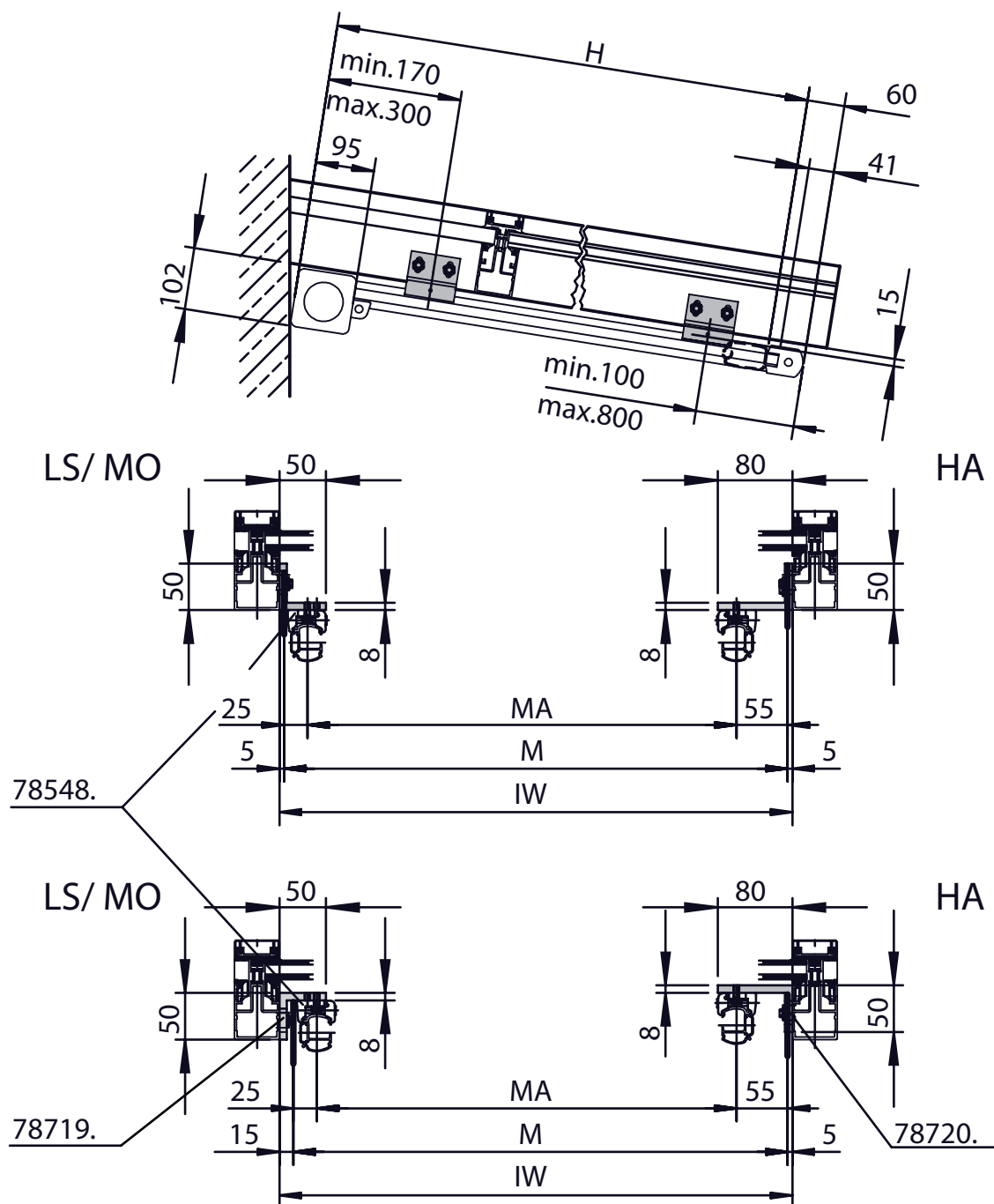
- M = overall awning width
- MA = awning fixture width = fixture width = order width
- H = nominal extension = order extension
- BA = width between fixing points
- HA = manual operation
- [...] = dimensions in the case of manual operation
- 78548 = extension up to 3000 mm 2 x per track, extension from 3001 mm 3 x per track

fixing dimensions fixture method 15

markilux 780

markilux
Collection

Specification

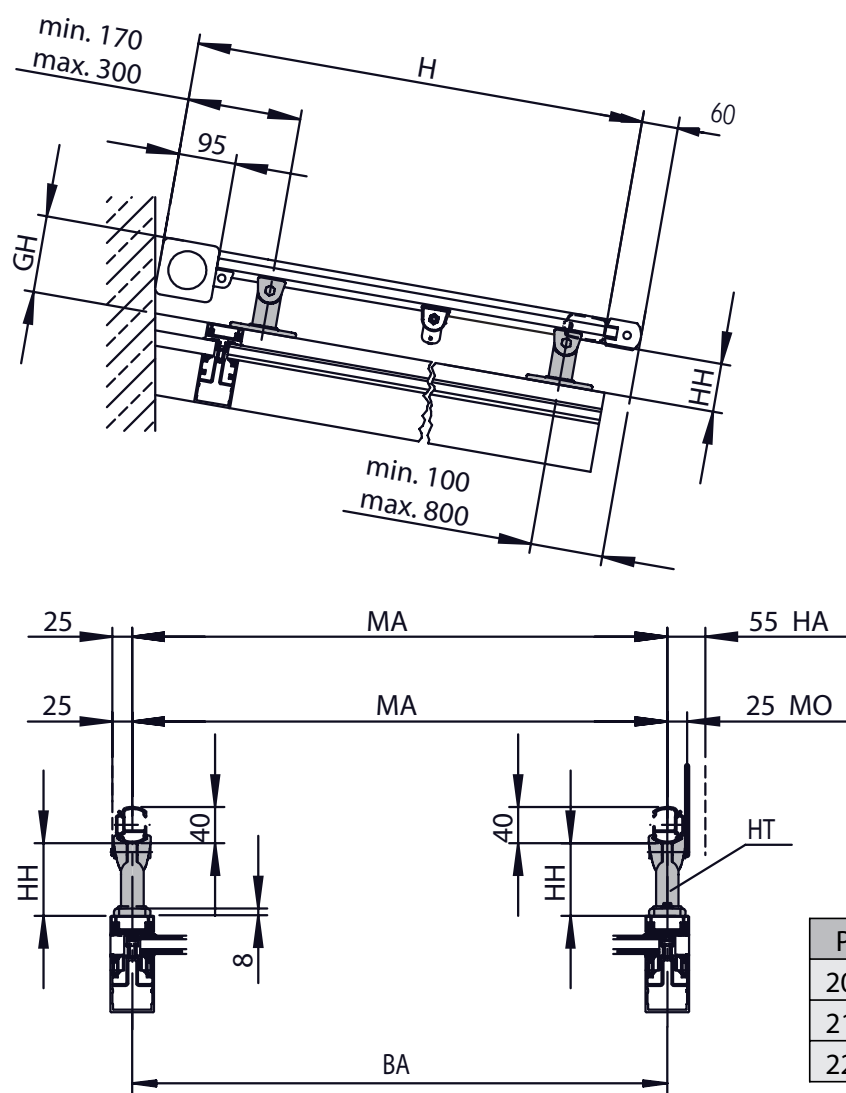
markilux
780 / 880markilux
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with curved frontmarkilux
RS 8000markilux
8500markilux
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Roof FestoonOptional
AccessoriesTechnical
Information

dimensions in mm

- M = overall awning width
 MA = awning fixture width = fixture width = order width
 H = nominal extension = order extension
 LS = bearing side
 MO = motor operation
 HA = manual operation
 IW = interior conservatory dimension
 78548. = extension up to 3000 mm 2 x per track, extension from 3001 mm 3 x per track

Installation dimensions for fixture types 20, 21 and 22

markilux 780



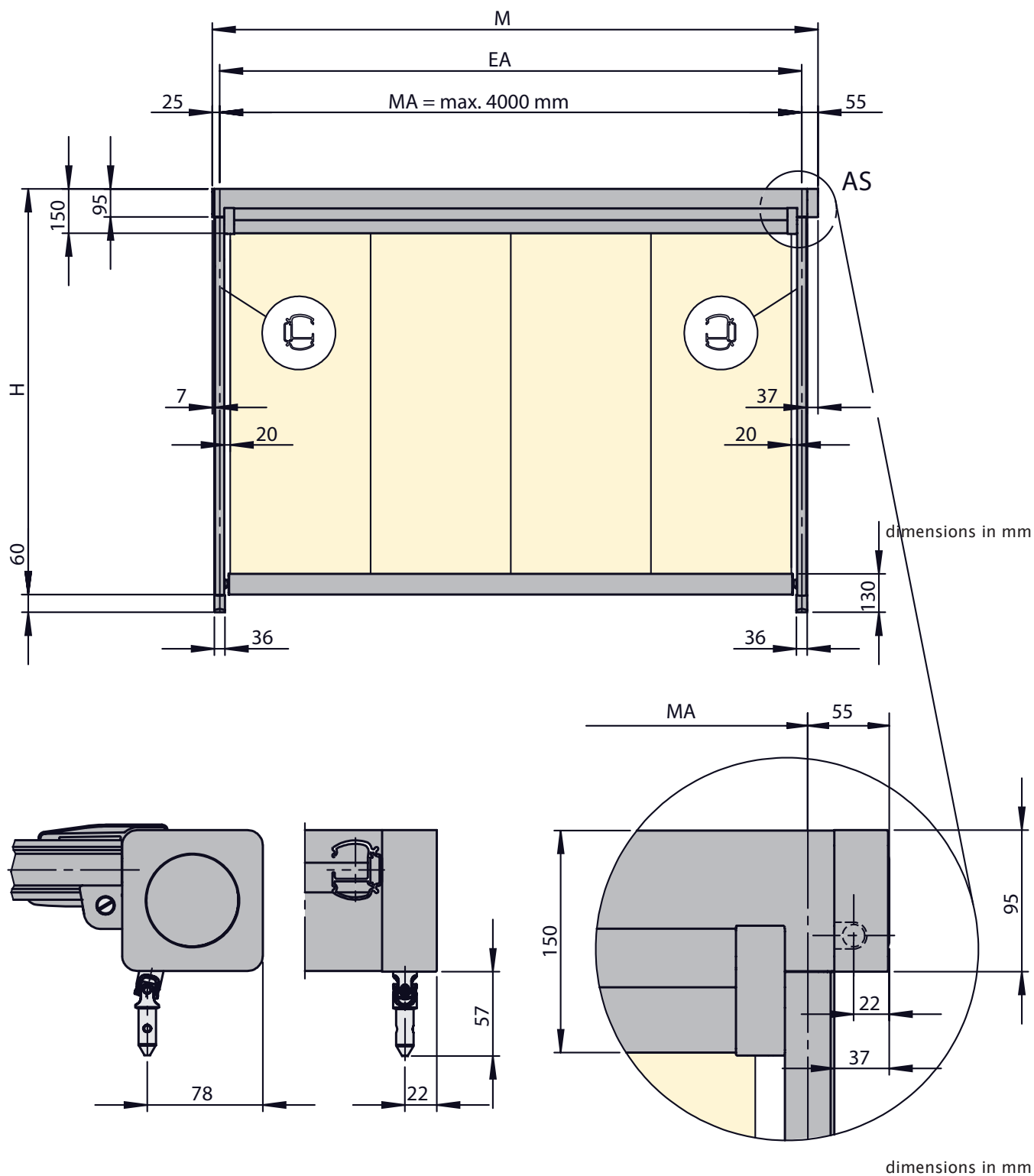
P	GH	HH	ARH
20	130	80	78451.
21	150	100	78538.
22	190	140	78539.

MA = awning fixture width = fixture width = order width
 H = nominal extension = order extension
 GH = overall height
 HH = fixture bracket height
 HA = manual operation
 MO = motor operation
 HT = bracket
 BA = width between fixing points
 P = fixture type
 ARH = part number fixture bracket
 78451. = extension up to 3000 mm 2 x per track, extension from 3001 mm 3 x per track
 78538. = extension up to 3000 mm 2 x per track, extension from 3001 mm 3 x per track
 78539. = extension up to 3000 mm 2 x per track, extension from 3001 mm 3 x per track

dimensions in mm

How to fit the markilux 780

manual operation



- M = overall awning width
 MA = awning fixture width = fixture width = order width
 H = nominal extension = order extension
 EA = single unit
 AS = operation side

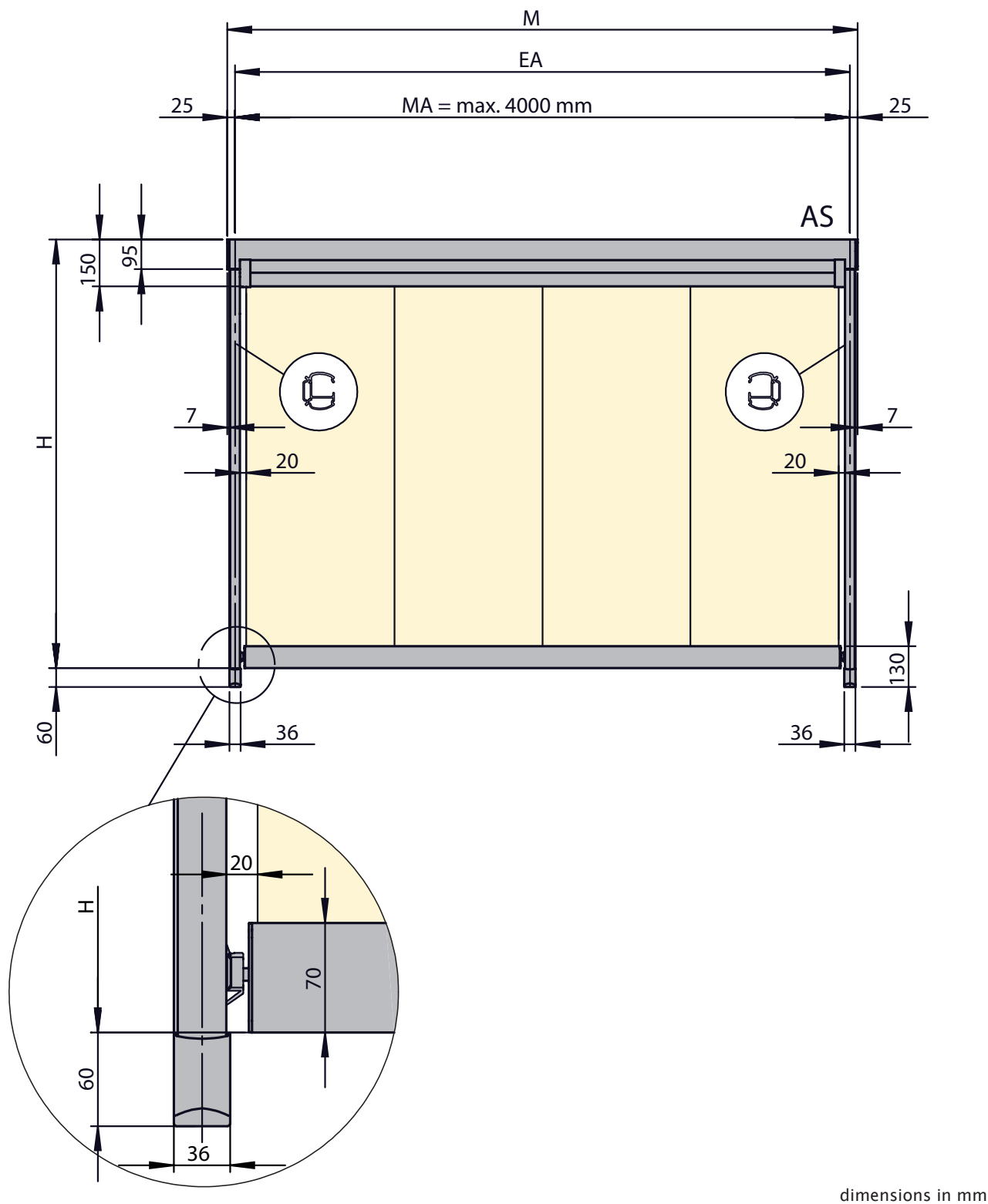
markilux
Collection

Specification

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How to fit the markilux 780

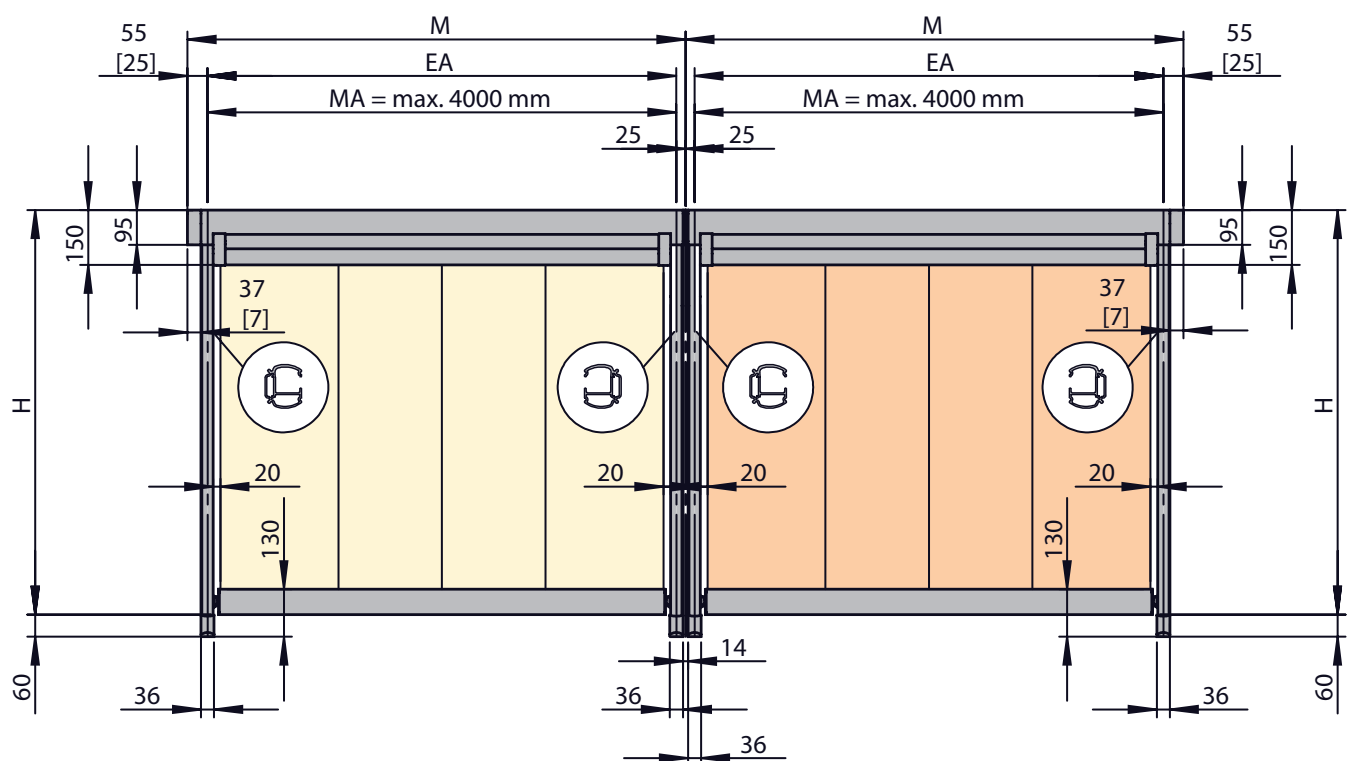
motor operation



- M = overall awning width
- MA = awning fixture width = fixture width = order width
- H = nominal extension = order extension
- EA = single unit
- AS = operation side

How to fit the markilux 780

two single units

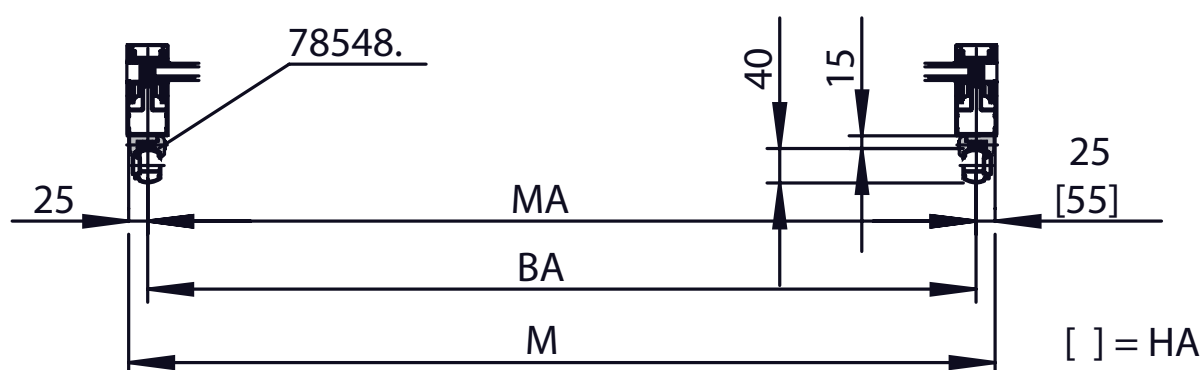
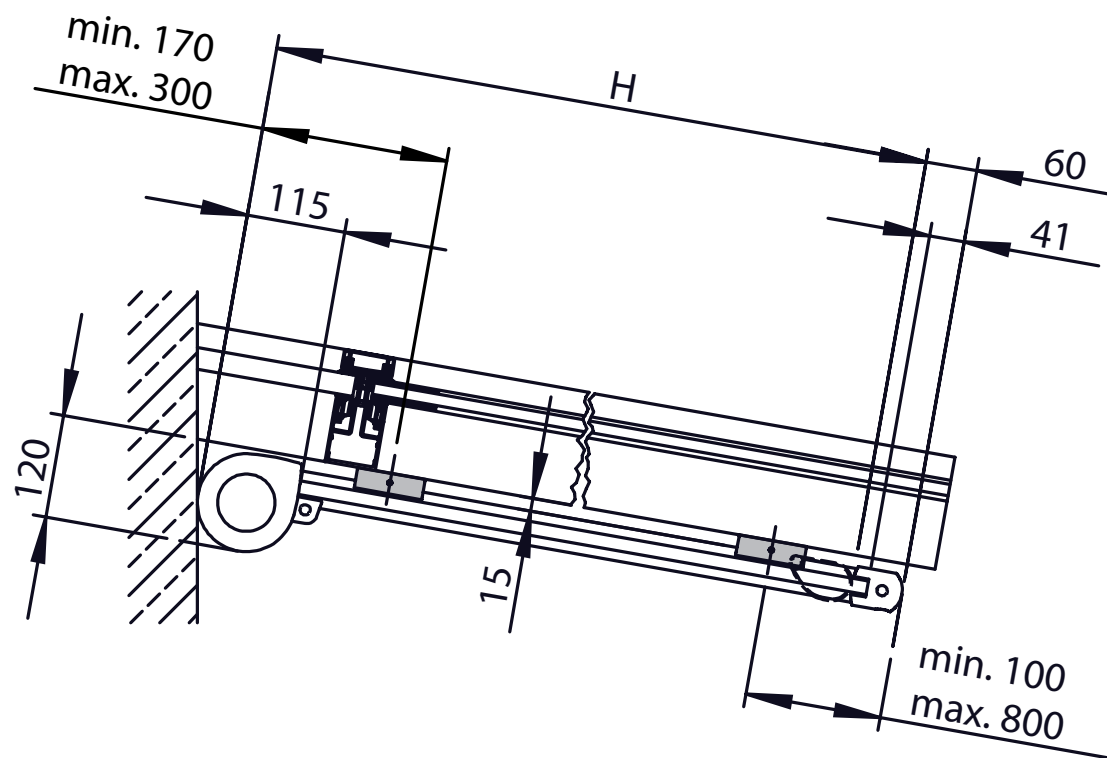


dimensions in mm

- M = overall awning width
- MA = awning fixture width = fixture width = order width
- H = nominal extension = order extension
- EA = single unit
- [...] = dimensions in the case of motorised operation

fixing dimensions fixture method 10

markilux 880



dimensions in mm

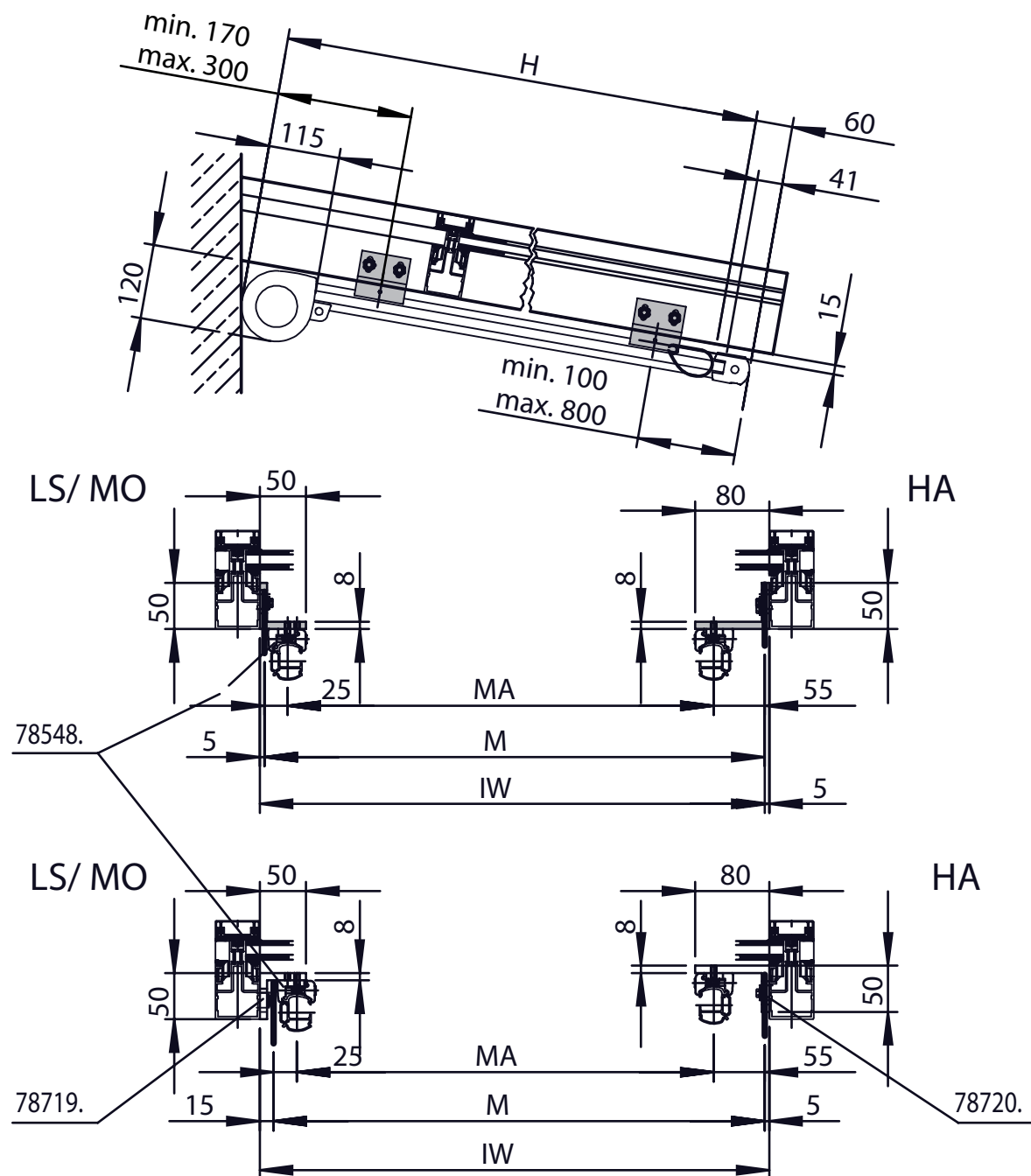
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- HA = manual operation
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- 78548. = extension up to 3000 mm 2 x per track, extension from 3001 mm 3 x per track

fixing dimensions fixture method 15

markilux 880

markilux
Collection

Specification

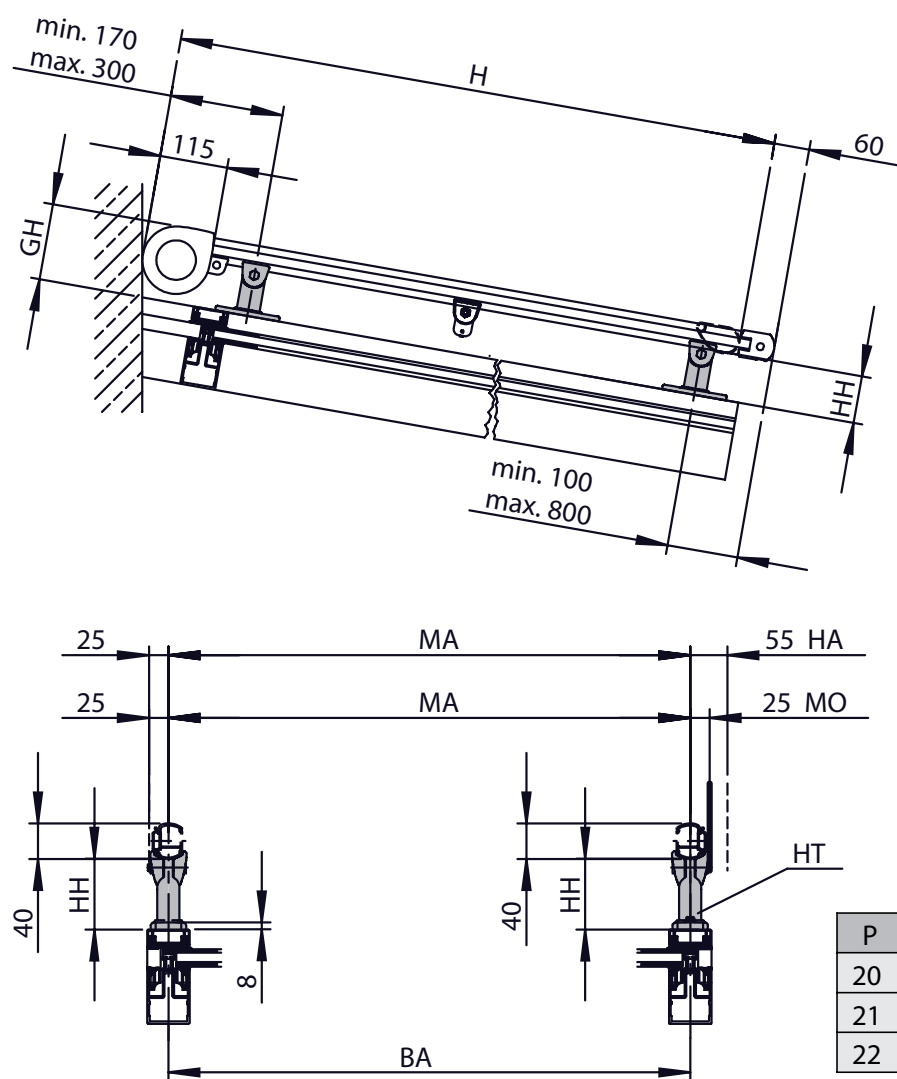
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dimensions in mm

- M = overall awning width
 MA = awning fixture width = fixture width = order width
 H = nominal extension = order extension
 LS = bearing side
 MO = motor operation
 HA = manual operation
 IW = interior conservatory dimension
 78548. = extension up to 3000 mm 2 x per track, extension from 3001 mm 3 x per track
 78719. = angle bracket bearing-/motor side for fixture type 15
 78720. = angle bracket gearbox side for fixture type 15

Installation dimensions for fixture types 20, 21 and 22

markilux 880



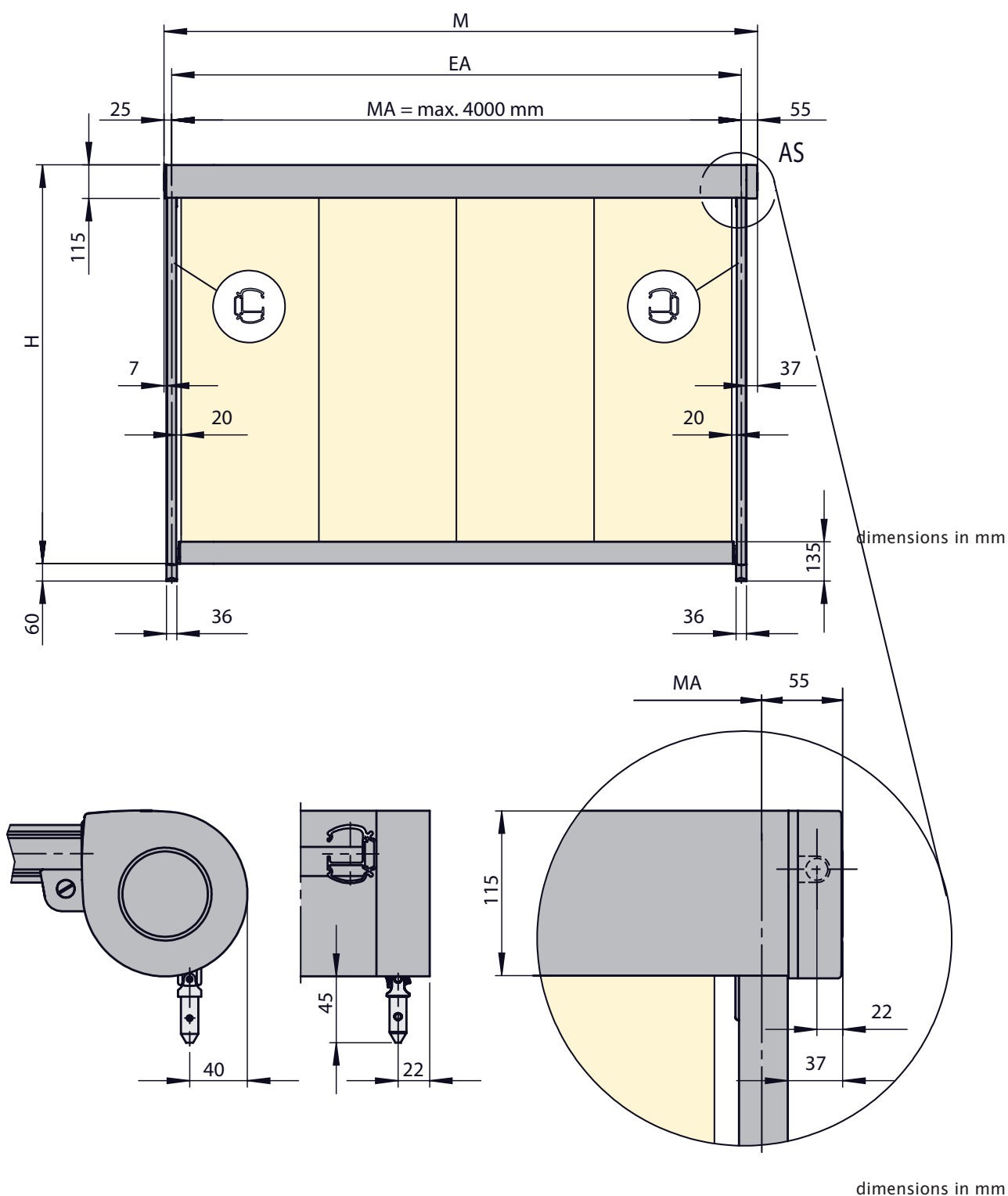
P	GH	HH	ARH
20	130	80	78451.
21	150	100	78538.
22	190	140	78539.

MA = awning fixture width = fixture width = order width
 H = nominal extension = order extension
 GH = overall height
 HH = fixture bracket height
 HA = manual operation
 MO = motor operation
 HT = bracket
 BA = width between fixing points
 P = fixture type
 ARH = part number fixture bracket
 78451. = extension up to 3000 mm 2 x per track, extension from 3001 mm 3 x per track
 78538. = extension up to 3000 mm 2 x per track, extension from 3001 mm 3 x per track
 78539. = extension up to 3000 mm 2 x per track, extension from 3001 mm 3 x per track

dimensions in mm

How to fit the markilux 880

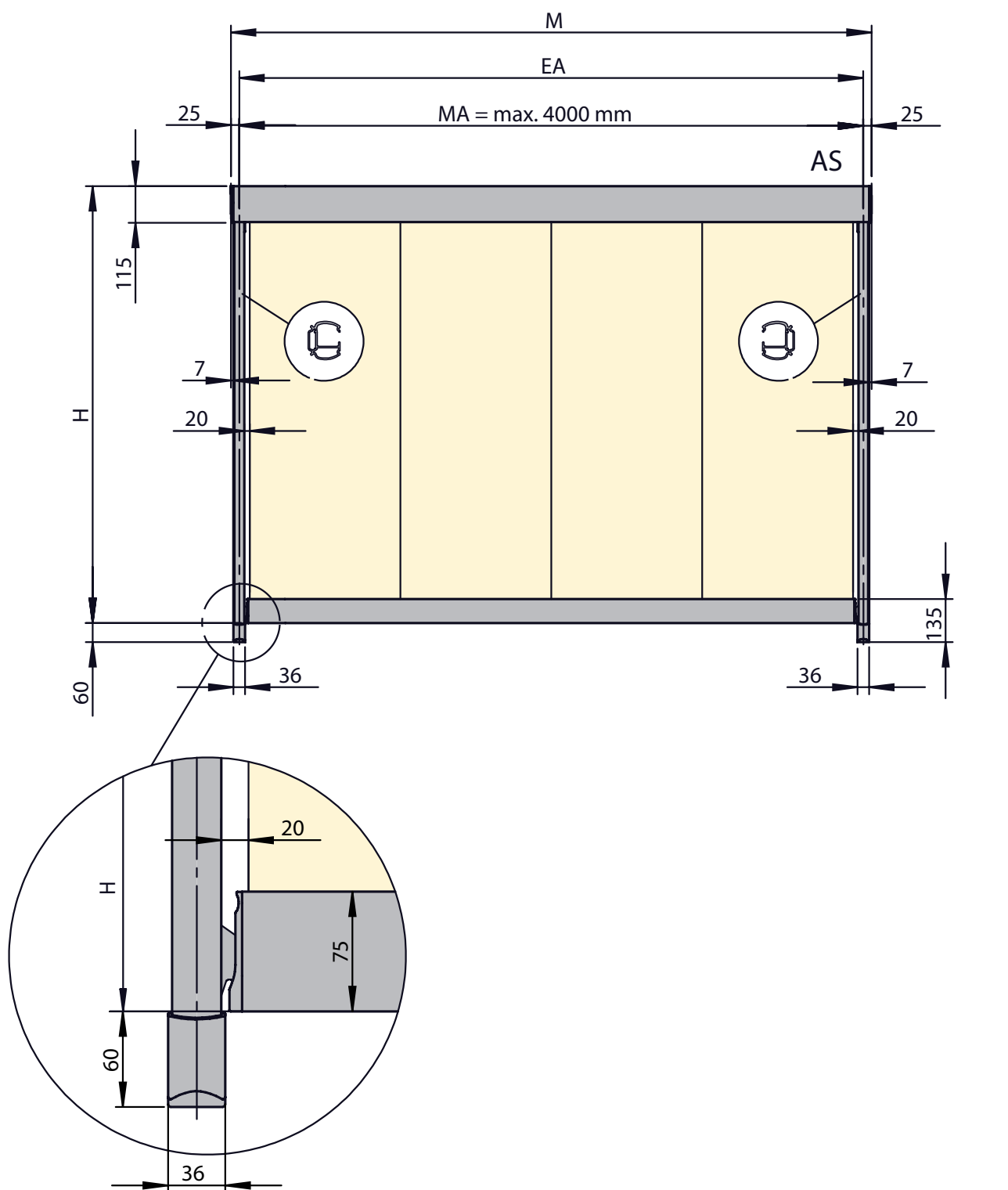
manual operation



- M = overall awning width
- MA = awning fixture width = fixture width = order width
- H = nominal extension = order extension
- EA = single unit
- AS = operation side

How to fit the markilux 880

motor operation

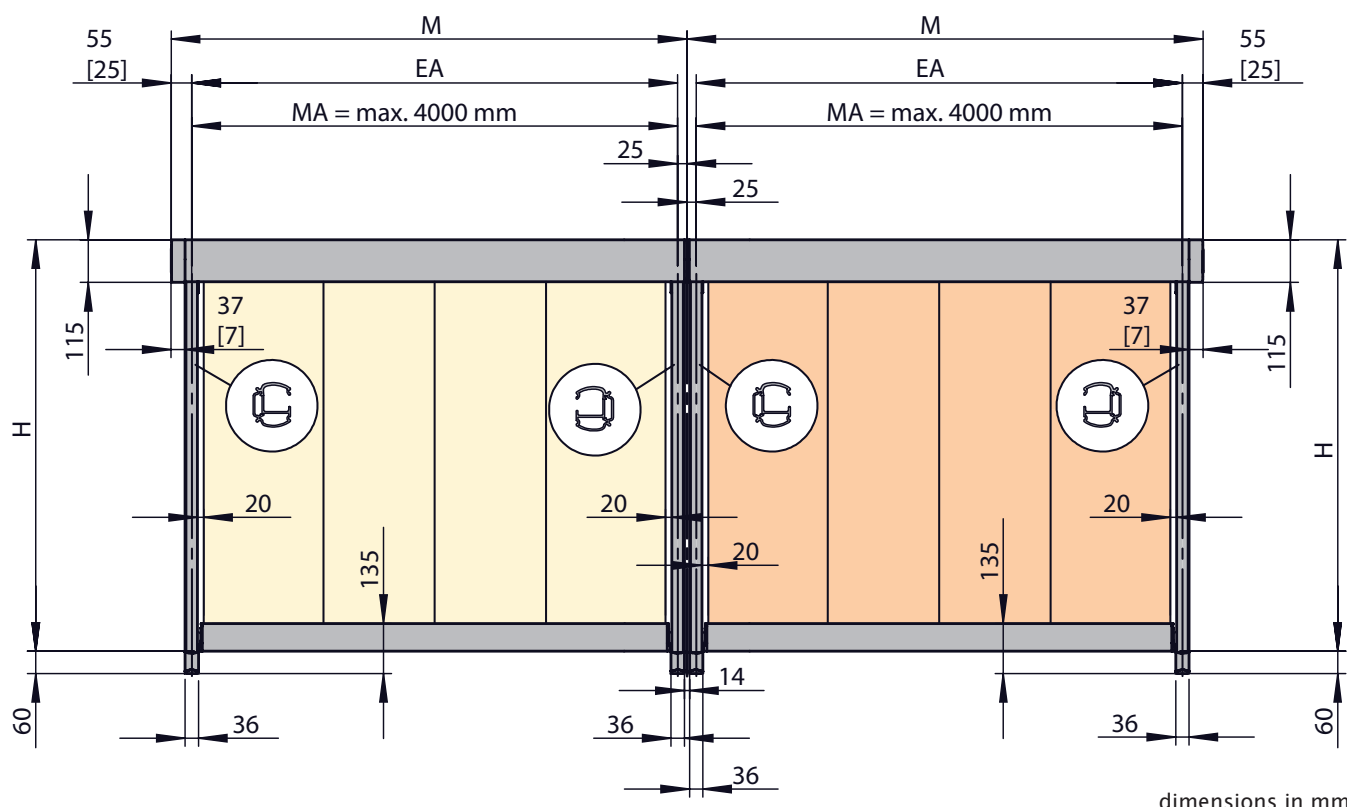


dimensions in mm

- M = overall awning width
- MA = awning fixture width = fixture width = order width
- H = nominal extension = order extension
- EA = single unit
- AS = operation side

How to fit the markilux 880

two single units



dimensions in mm

- M = overall awning width
- MA = awning fixture width = fixture width = order width
- H = nominal extension = order extension
- EA = single unit
- [...] = dimensions in the case of motorised operation

markilux
Collection

Specification

markilux
780 / 880markilux
8000markilux
8000
with curved frontmarkilux
RS 8000markilux
8500markilux
889markilux
Roof FestoonOptional
AccessoriesTechnical
Information

