



Open style folding-arm awning

markilux 930

The designer awning with unique pitch adjustment mechanism.



reddot design award
honourable mention 2009

markilux.com

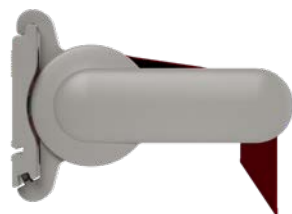
markilux
safe timeless beautiful

Product Characteristics

Wind resistance class 2
Beaufort 5 → 7.5–10.4 m/s → 28–37 km/h → 17–23 mph



1 face fixture



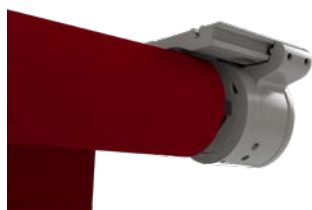
1 top fixture



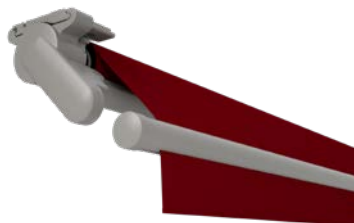
2 manual operation



1 top fixture, view from the rear



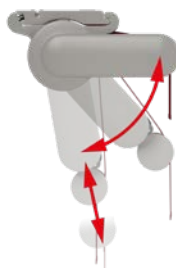
during extension, pitch at 45°



during extension, maximum pitch of 80° (motor operation ¹⁾)



3 pitch adjustment range 5°–80° (motor operation ¹⁾)



4 twin steel-link chain, corrosion protected



1) Optional accessories

Product Characteristics

Description

- finely finished open style awning with excellent design characteristics. Ideally suited to top fixture or installation under overhanging roofs, balconies etc.

Special features

- self-supporting cassette profile construction, the brackets being installed at each end of the awning – also suitable for bridging larger distances
- the compact awning height and the tilt mechanism (patent applied for), which means that the awning invariably closes horizontally, makes the awning look very slender
- tidy appearance because the awning closes in a horizontal position regardless of the pre-set pitch
- with a maximum pitch of 80° the awning can be set at a very steep angle

Dimensions

- cassette in the standard version: depth 286 mm, height 122 mm
- single unit: minimum width 178 cm at the smallest projection of 150 cm, maximum width 500 cm at the largest projection of 300 cm

roller tube and lateral bearings

- round roller tube Ø 85 mm with keyway, galvanised steel – excellent stability, ensures near perfect cover performance even at the largest widths
- the arm bearer is made of die-cast aluminium, powder coated, with integrated, infinitely variable pitch setting mechanism

Awning profiles

- extruded aluminium, in façade quality, powder coated
- circular front profile with integrated valance keyway

Folding arms

- profiles in extruded aluminium, in façade quality, powder coated
- moving parts made of drop-forged aluminium – the arms are therefore extremely fracture resistant
- pivot bolts in stainless steel run in Teflon-coated bronze bushes – practically maintenance free, virtually silent and extremely hard wearing
- power transference via corrosion-protected twin steel-link chains at the elbow joint

End caps

- the front profile end caps are made of high-quality plastic, powder coated

Fixture brackets

- face fixture, top fixture
- extruded aluminium, powder coated
- also available in individual widths (on request)
- pitch range 5°–80° (motor) or 5°–25° (gearbox operation), 26°–55° (gearbox operation, from the rear)
- spacer plates, stand-off brackets and other accessories are available

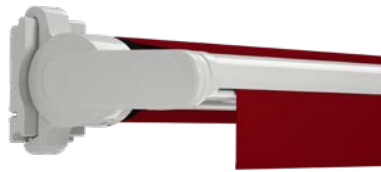
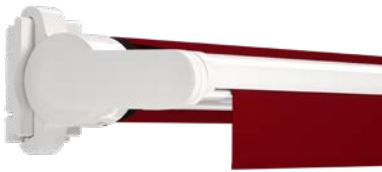
Frame and end cap colours

markilux frame colours without surcharge

traffic white, RAL 9016

metallic aluminium, RAL 9006

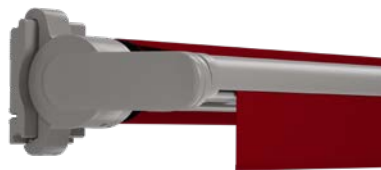
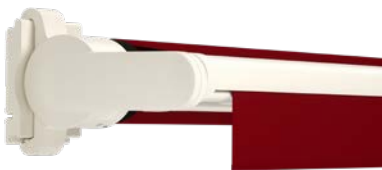
grey brown, similar to RAL 8019



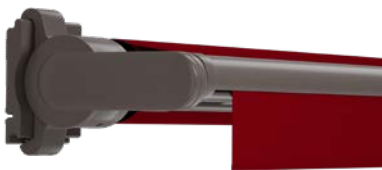
off-white textured finish, 5233 ¹⁾

stone grey metallic, 5215 ¹⁾

anthracite metallic, 5204 ¹⁾



havana brown textured finish, 5229 ¹⁾



Non-standard powder-coated finish

Bespoke frame colours incur a surcharge – matt, metallic, finely textured and pearl finishes as well as other colour ranges (DB, Tiger etc.) on request. All frame colours are available at a surcharge with enhanced corrosion protection.

Colours may differ slightly from those depicted in both hue and finish.

¹⁾ textured finish

Dimensions and configuration options

Single unit

Order dimensions		Awning width						Minimum width	
		250	300	350	400	450	500	Motor	Crank handle
		178 250	251 300	301 350	351 400	401 450	451 500		
H	150	1)						178	178
	200	1)						228	228
	250	—	1)					278	278
	300	—	—	1)				328	328

dimensions in cm

1) = please note the minimum widths!

H = projection

 = 2 folding arms,
2 brackets

Operation

	standard	optional
crank handle	✓	—
spring-assisted crank handle	—	✓
hard-wired motor	—	✓
silentec motor (optionally with an external io / RTS receiver)	—	—
868 MHz radio-controlled motor io ¹⁾	—	✓
433 MHz radio-controlled motor RTS ¹⁾	—	✓
868 MHz radio-controlled motor io with manual override	—	—

1) Hard-wired motor with external receiver

Coupled awnings

not available

Awning cover

	fabric pattern no.	standard	optional
sunvas	300.. – 315..	✓	—
sunsilk	324.. / 328.. / 369..	✓	—
sunbow	411.. - 427..	✓	—
smart art	340..	—	✓
perla FR	371.. / 372..	—	✓
valance, height 10 cm		✓	—

Shadeplus

not available

Optional accessories

infrared heater 2500 W
infrared heater 2500 W with integrated radio-controlled receiver 868 MHz radio-controlled io
LED-spotline – light bar 110 × 70 mm with 5 W LED spotlights, 180 cm / 3 spots or 300 cm / 5 spots
LED spotline io – light bar 110 × 70 mm with 5 W LED spotlights with integrated dimmable radio-controlled receiver 180 cm / 3 Spots or 300 cm / 5 Spots
automatic controls (light, wind, rain)

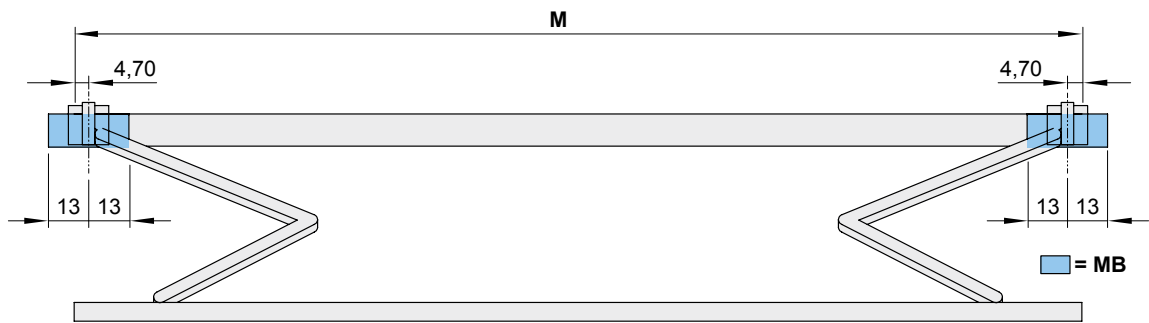
N.B. Important background information can be found in the chapter “Optional Accessories”

Fixture options

wall bracket 150 mm	71624.
wall bracket 300 mm	70617.
wall bracket 300 mm	70600.
fixture plate A 430 × 160 × 12 mm	75326.
fixture plate B 300 × 400 × 12 mm	75325.
markilux panel 250 × 230 × 49 mm	76308.
markilux panel continuous	701104
vertical fixture rail	62421.
stand-off bracket 80–300 mm	77968.
top fixture bracket 150 mm	71624.
top fixture bracket 300 mm	70617.
top fixture bracket 300 mm	70600.

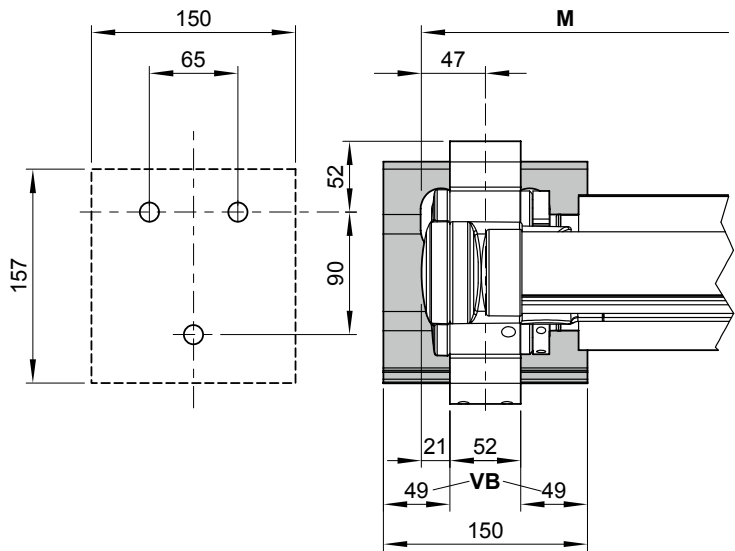
Bracket fixture range

Awning with 2 folding arms



dimensions in cm

Face fixture



dimensions in mm

		Awning width					
		250	300	350	400	450	500
Order dimensions		180	251	301	351	401	451
		250	300	350	400	450	500
	BHT	No. of brackets No. of fixing points					
W	15	2 6					
BP		A 2 16 B 2 8					
PA		2 8					
DE	15	2 6					

dimensions in cm

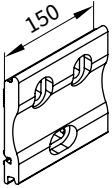
If the brackets cannot be positioned in accordance with this table, make sure the actual dimensions are noted on the order form!
The **pull-out forces** necessary for determining the correct fixing materials necessary to meet wind resistance class 2 (Beaufort 5) can be found in the password-protected dealer area of the *pro.markilux.com* website under “Pull-out Forces”.

BHT = bracket width
BP = spreader plate (A or B)
DE = top fixture brackets
H = **order dimension** = projection
M = **order width** = awning width

MB = bracket fixture range
PA = markilux panel, fixture profile, width 250 mm
VB = adjustment range face fixture bracket
W = face fixture brackets

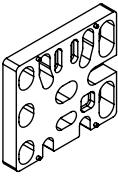
Face fixture

Fixtures, fittings and accessories



face fixture bracket
150 mm

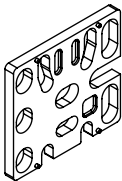
71624.



spacer plate
for face/top fixture
150 × 136 × 20 mm

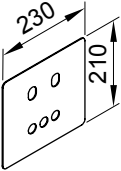
N.B!
stack to a max. height of
200 mm

716331



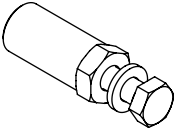
spacer plate for face
fixture
150 × 136 × 12 mm

71644.



cover plate for spacer
plate and stand-off
brackets in the case of
external insulation
230 × 210 × 2 mm

71843.

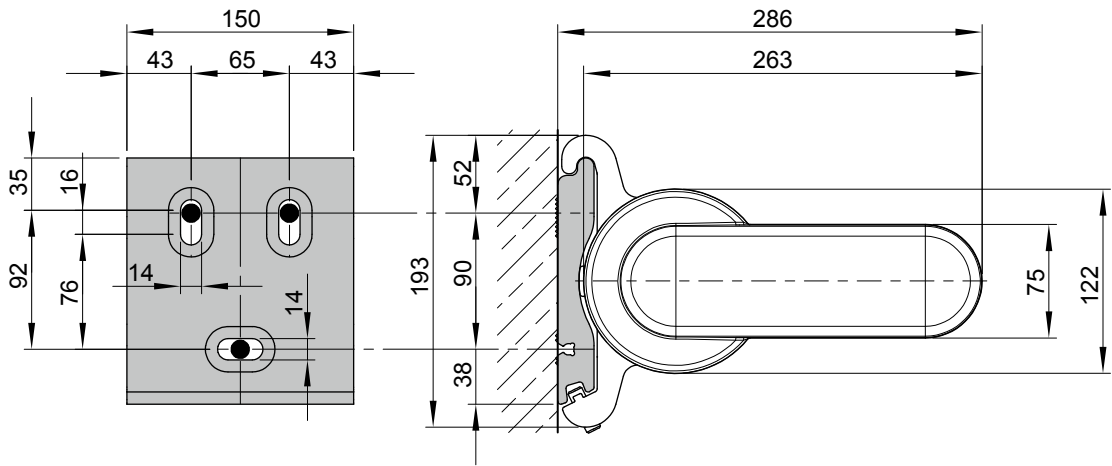


reduction bolt

pack 10 pcs

M 16 → M 12 | M 16 → M 10 | M 12 → M 10 | M 10 → M 10

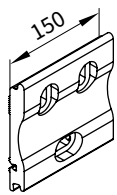
13



dimensions in mm

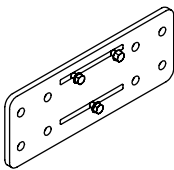
Face fixture with spreader plate A

Fixtures, fittings and accessories



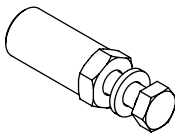
face fixture bracket
150 mm

71624.



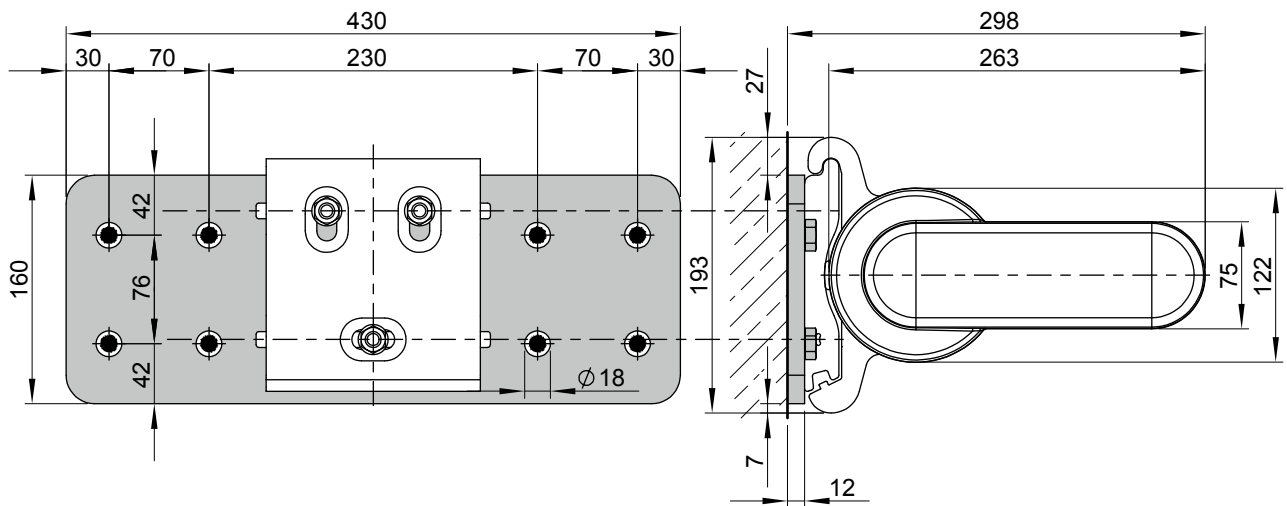
spreader plate A face
fixture
430 × 160 × 12 mm

75326.



reduction bolt
pack 10 pcs

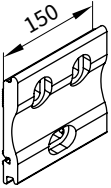
M 16 → M 12 | M 16 → M 10 | M 12 → M 10 | M 10 → M 10



dimensions in mm

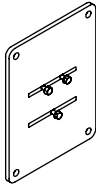
Face fixture with spreader plate B

Fixtures, fittings and accessories



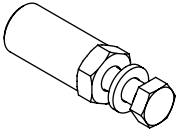
face fixture bracket
150 mm

71624.



spreader plate B face
fixture
300 × 400 × 12 mm

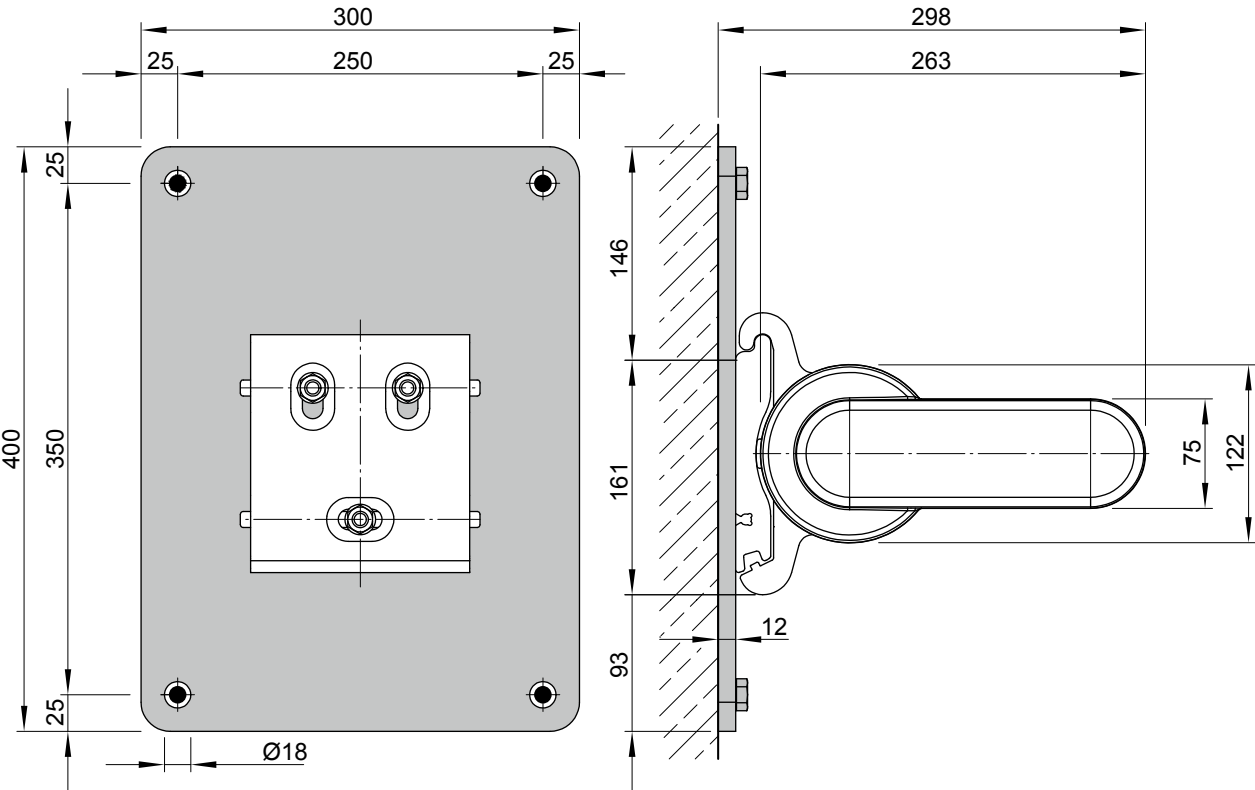
75325.



reduction bolt
pack 10 pcs

M 16 → M 12 | M 16 → M 10 | M 12 → M 10 | M 10 → M 10

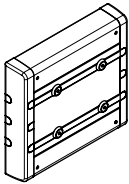
13



dimensions in mm

Face fixture using the markilux panel 250 mm wide

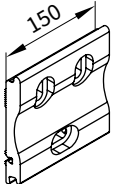
Fixtures, fittings and accessories



markilux panel
250 × 230 × 49 mm

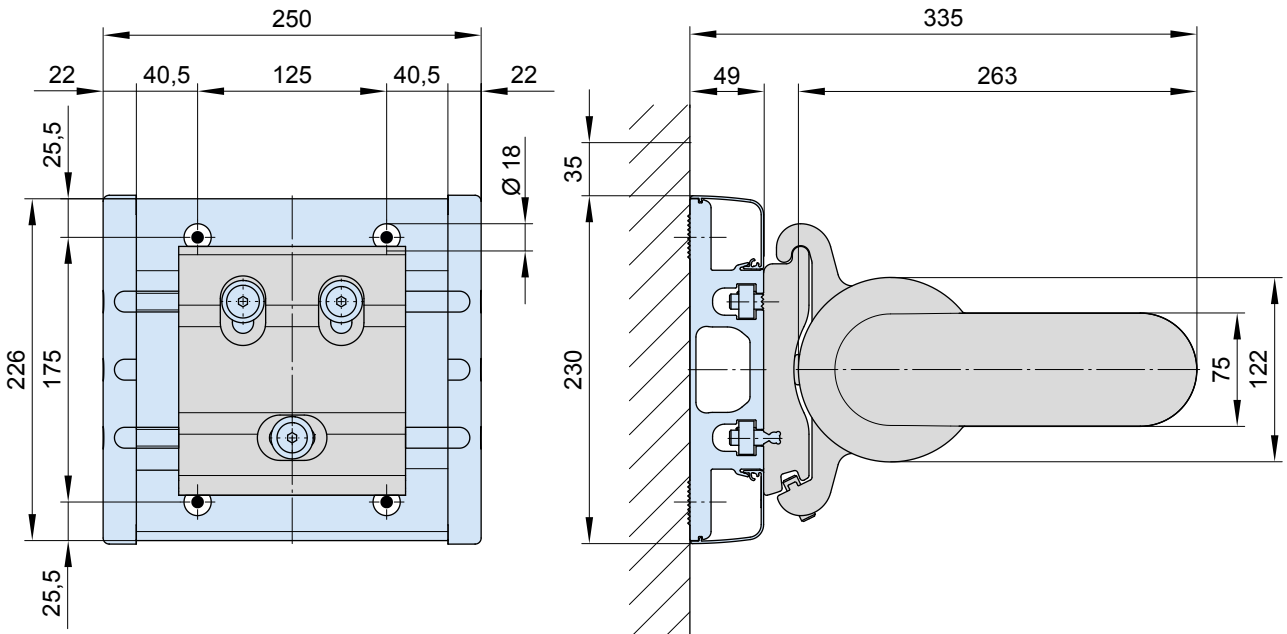
with decorative profiles
and end caps

76308.



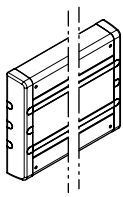
face fixture bracket
150 mm

71624.



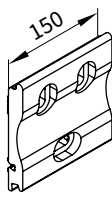
Face fixture with markilux panel continuous

Fixtures, fittings and accessories



markilux panel continuous
with decorative profiles and end caps

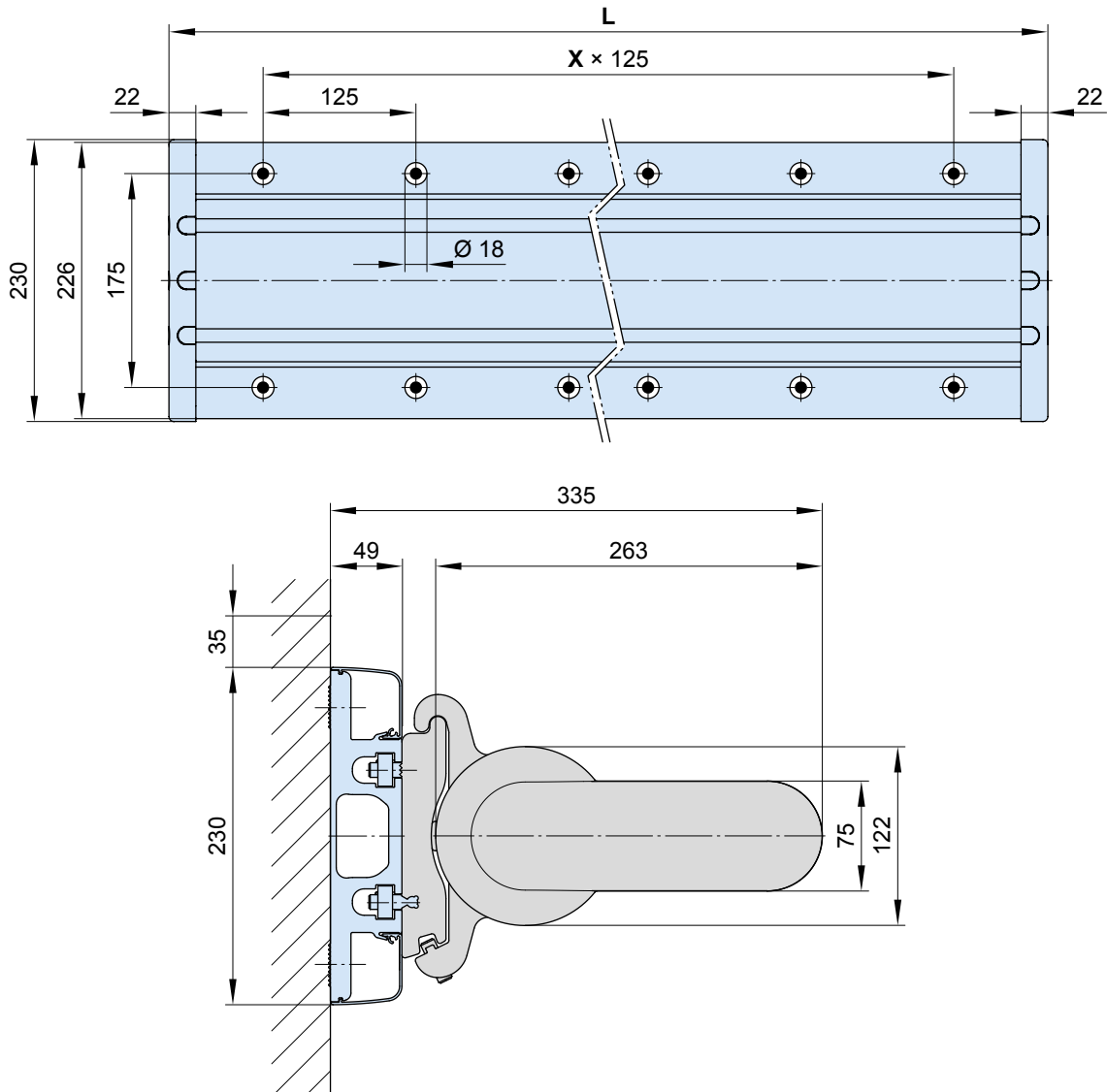
701104



face fixture bracket
150 mm

71624.

As a **continuous fixture profile** the markilux panel will always be supplied to order on the basis of a technical drawing prepared in the factory in accordance with the awning specification.

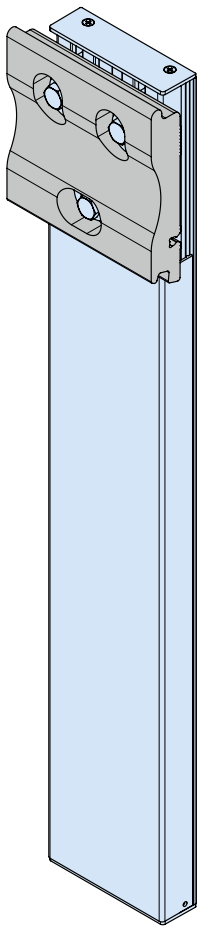
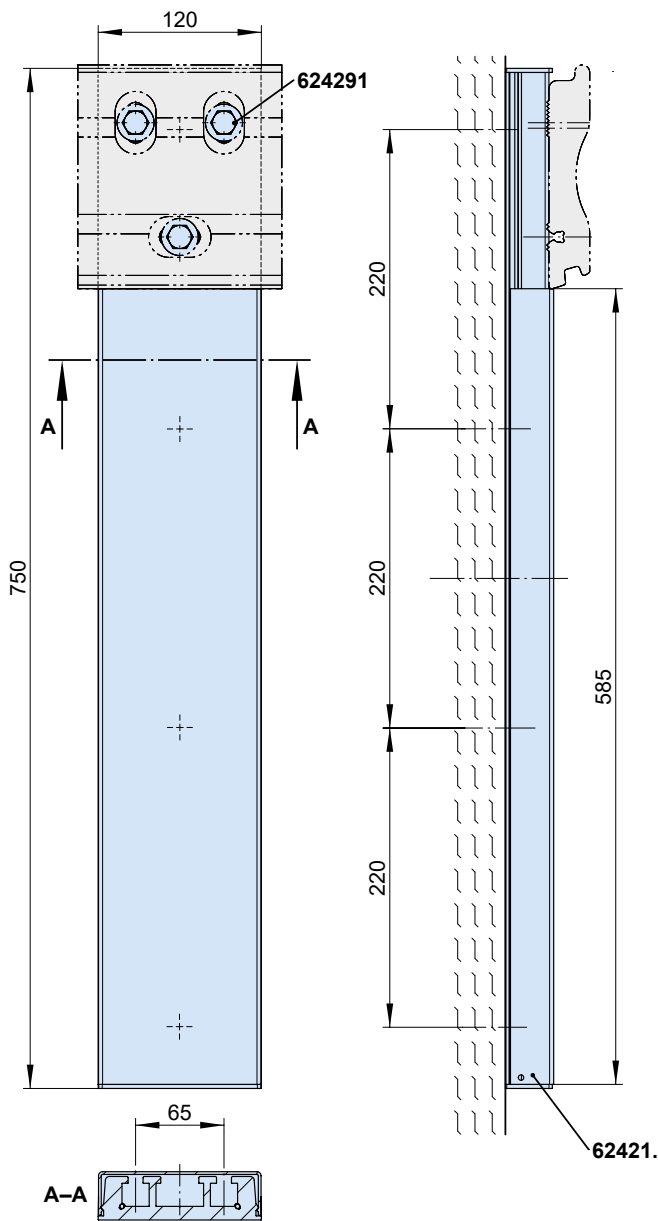
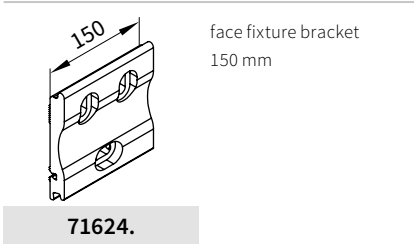
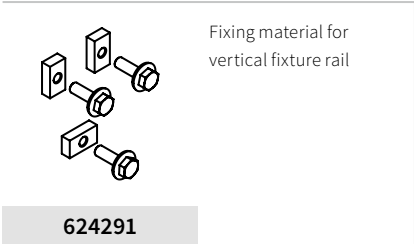
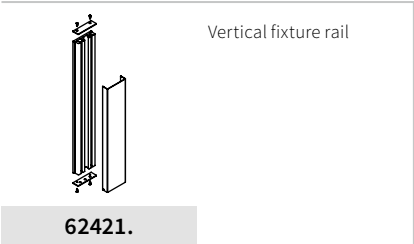


L = individual width, max. 7000 mm
x = fixing point separation, **by way of example**

dimensions in mm

Face fixture with vertical fixture rail

Fixtures, fittings and accessories

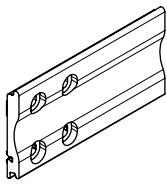


62421. = Sub-assembly vertical fixture rail
624291 = Sub-assembly fixing material for vertical fixture rail

dimensions in mm

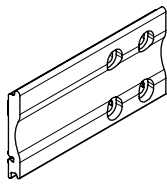
Face fixture with stand-off bracket

Fixtures, fittings and accessories



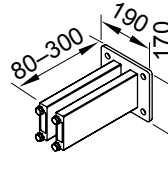
face fixture bracket
300 mm, left

70617.



face fixture bracket
300 mm, right

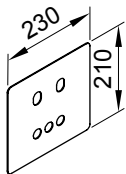
70600.



Stand-off bracket
for face fixture bracket
70617. and 70600.

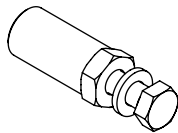
80–300 mm
incl. insulating element

77968.



cover plate for spacer
plate and stand-off
brackets in the case of
external insulation
230 × 210 × 2 mm

71843.

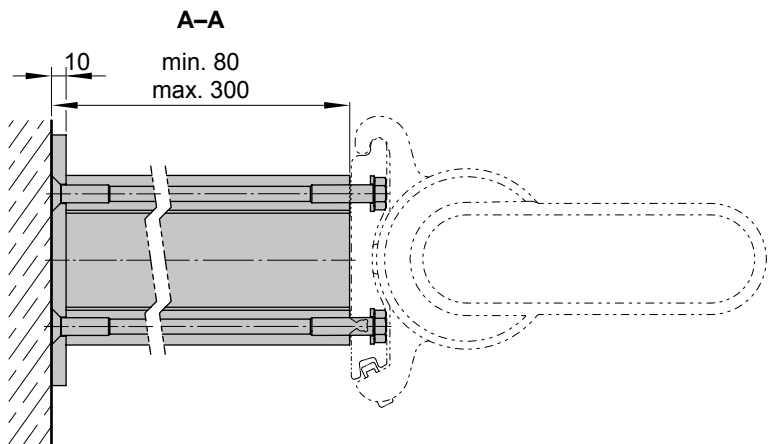
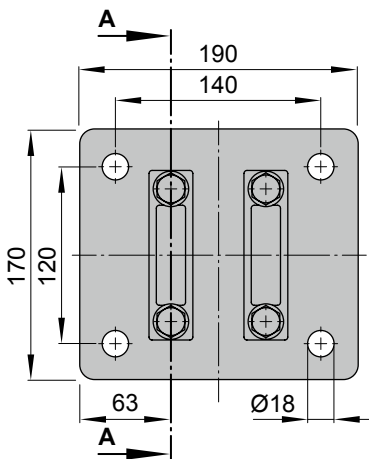
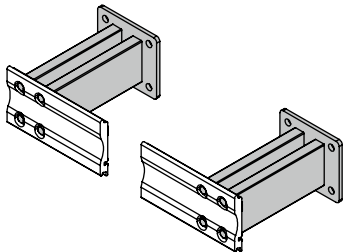


reduction bolt

pack 10 pcs

M 16 → M 12 | M 16 → M 10 | M 12 → M 10 | M 10 → M 10

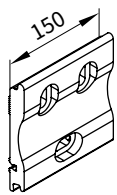
13



dimensions in mm

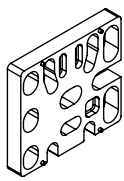
Top fixture

Fixtures, fittings and accessories



face fixture bracket
150 mm

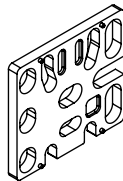
71624.



spacer plate
for face/top fixture
150 × 136 × 20 mm

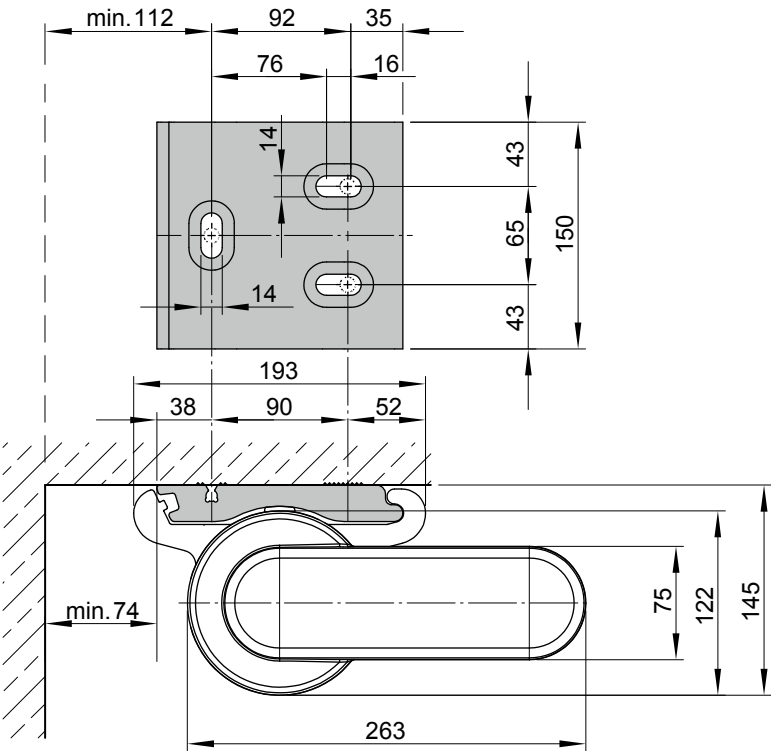
N.B!
stack to a max. height of
200 mm

716331



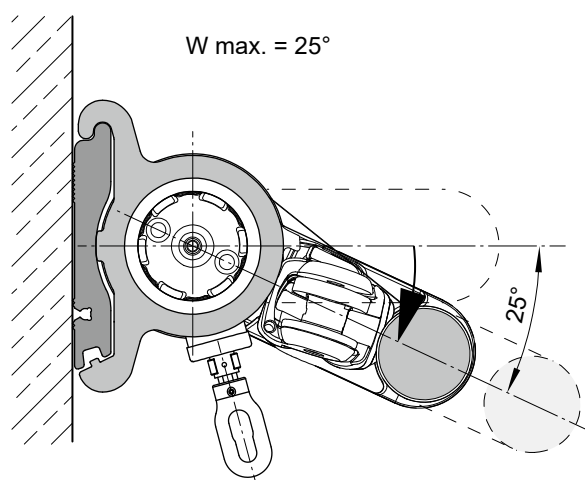
spacer plate for face
fixture
150 × 136 × 12 mm

71644.



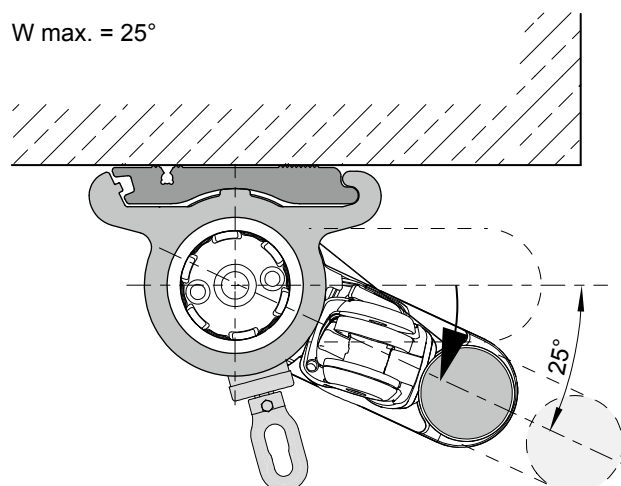
Face fixture, manual operation

Pitch 5°–25°



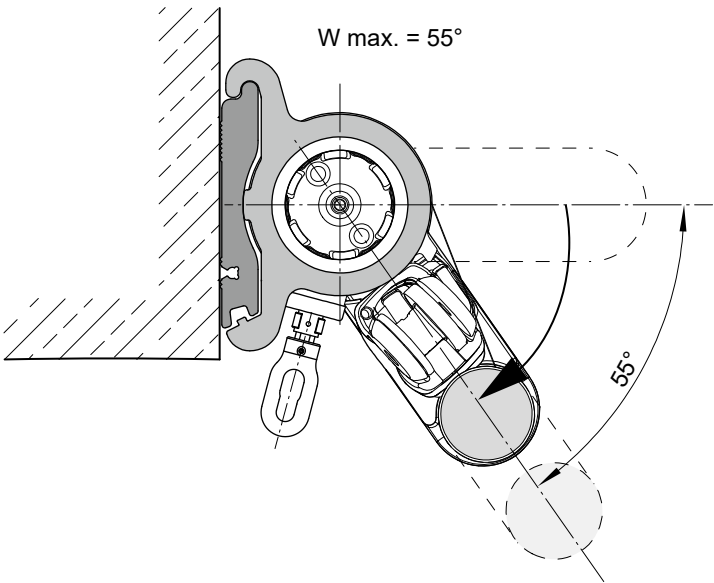
13 Top fixture, manual operation

Pitch 5°–25°



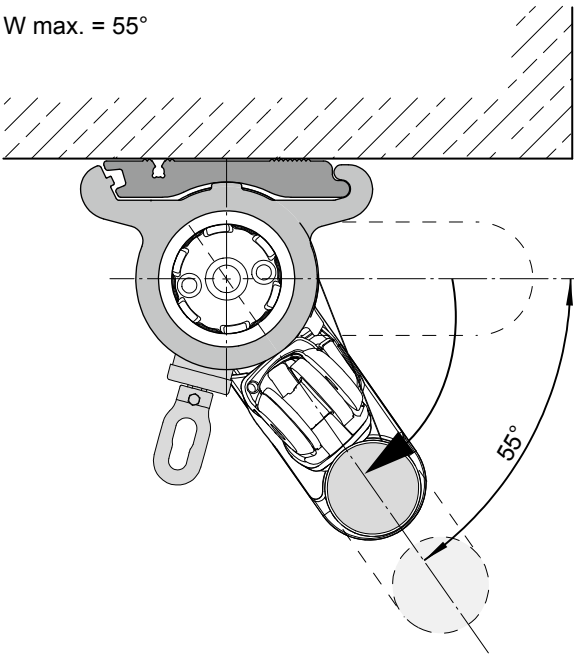
Face fixture, manual operation

Max. pitch 55°, operation from the rear



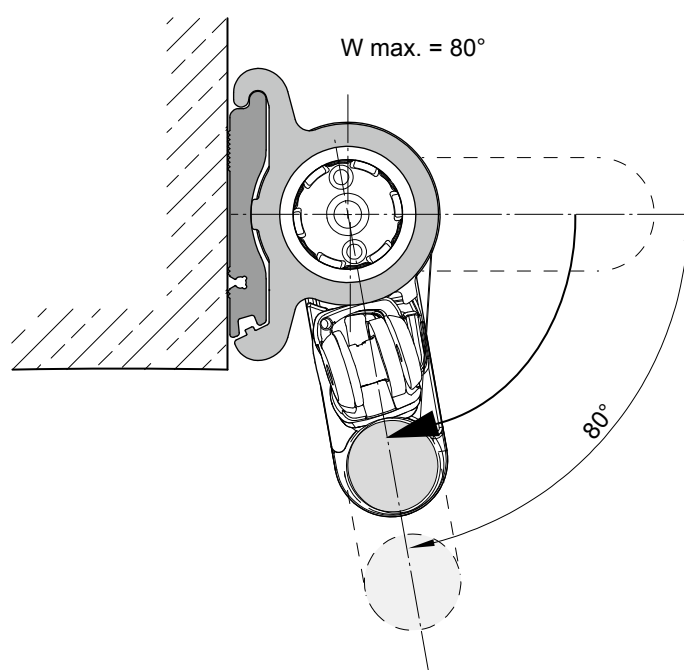
Top fixture, manual operation

Max. pitch 55°, operation from the rear



Face fixture, motor operation

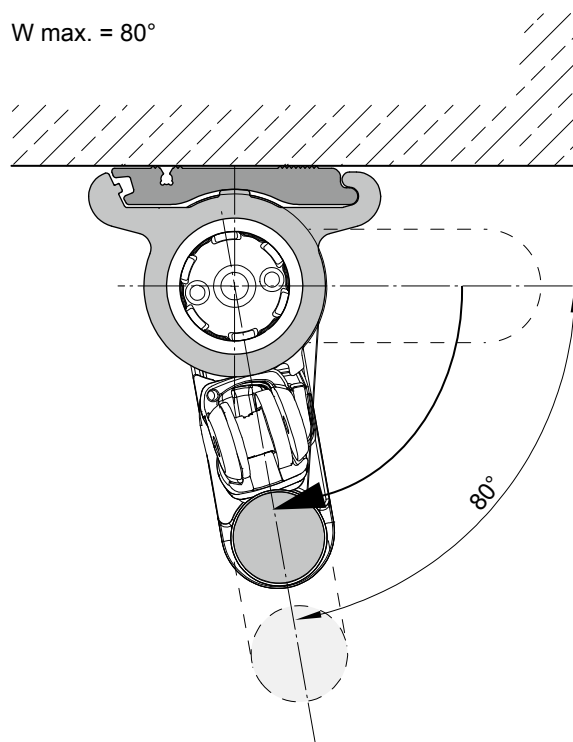
Pitch 5°–80°



13

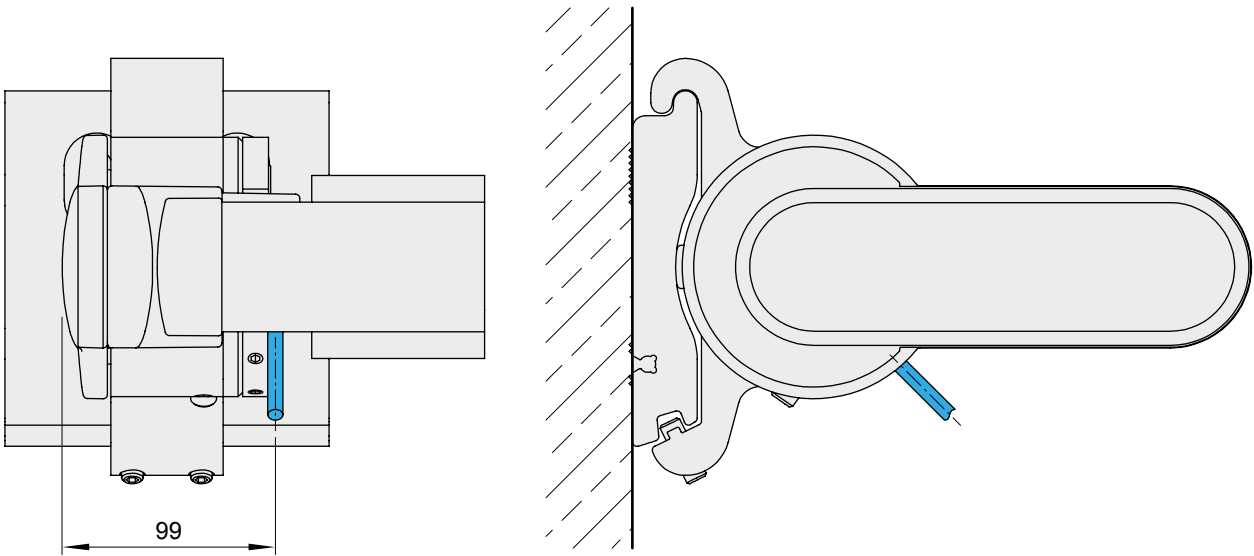
Top fixture, motor operation

Pitch 5°–80°



Motor cable exit point

Face fixture



- 01
- 02
- 03
- 04
- 05
- 06
- 07
- 08
- 09
- 10
- 11
- 12
- 13**
- 14
- 15
- 16
- 17

dimensions in mm

- 01
- 02
- 03
- 04
- 05
- 06
- 07
- 08
- 09
- 10
- 11
- 12
- 13**
- 14
- 15
- 16
- 17