



Open style awning

markilux 1700 stretch

The classic torque bar awning with a designer look. Technology laid bare with an award-winning appearance. Large projections at limited widths – the perfect solution for narrow reveals, balconies and patios.



German
Design Award
NOMINEE 2014



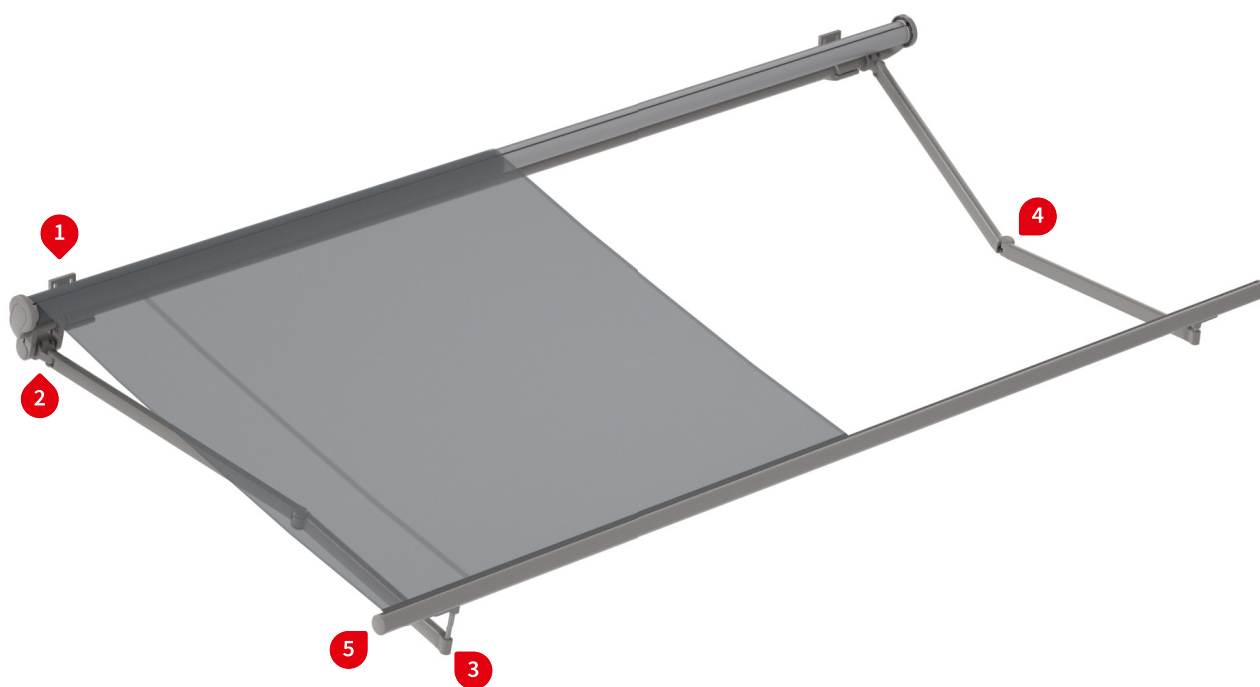
reddot design award
winner 2012

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 face fixture, maximum pitch of 25°



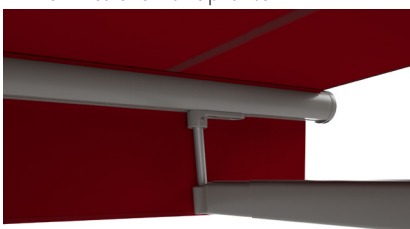
1 top fixture



2 folding arm suspended from the torque bar



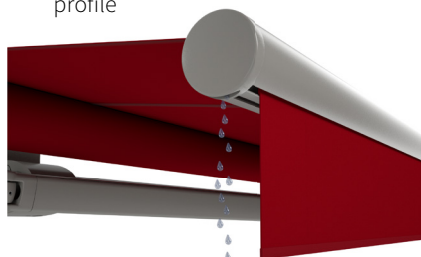
3 connection of the lower folding arm to the front profile



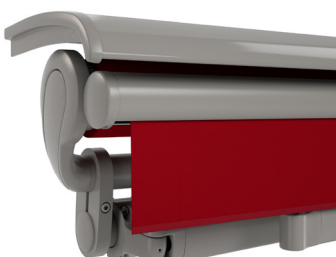
4 bionic tendon made of high-tech fibres for optimum power transference



5 unique water drainage system and hidden cover pocket in the front profile



aluminium coverboard ¹⁾



1) Optional accessories

Product Characteristics

Description

- open folding-arm awning with special arm technology ideally suited for shading areas with greater depth than width

Special features

- awning with an extremely torsion-resistant, round torque bar
- round, fluid transition from the round torque bar to the round roller tube
- the tiered arms make greater projections than widths possible
- ingenious pitch adjustment – the angle of the awning is adjusted via the fixture bracket

Dimensions

- cassette in the standard version: depth 240 mm, height 289 mm
- single unit: minimum width 123 cm at the smallest projection of 150 cm, maximum width 248 cm at the largest projection of 400 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
- roller support bracket made of die-cast aluminium, powder-coated, with integrated, concealed cable duct when motor driven

Awning profiles

- extruded aluminium, in façade quality, powder coated
- circular front profile with integrated gutter
- round torque bar Ø 50 mm, galvanised both inside and out, powder coated

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 the innovative bionic tendon at the elbow joint, made of high tensile, hightech fibres – low in friction, noiseless, impervious to corrosion and UV resistant, independently tested by the Fraunhofer Institute

End caps

- the roller support bracket insert sections are made of high-quality plastic, powder coated or in a polished chrome finish
- the front profile end caps are made of high-quality plastic, powder coated or with a polished chrome finish, with water drainage holes

Fixture brackets

- face fixture, top fixture, eaves fixture
- extruded aluminium, powder coated
- pitch range 5°–25°, infinitely adjustable
- spacer plates, stand-off brackets and other accessories are available

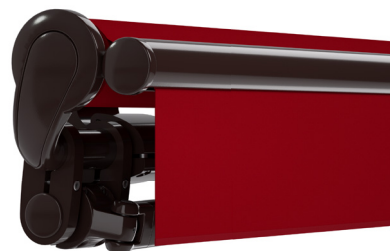
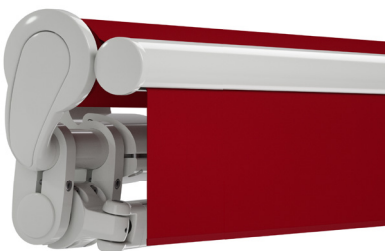
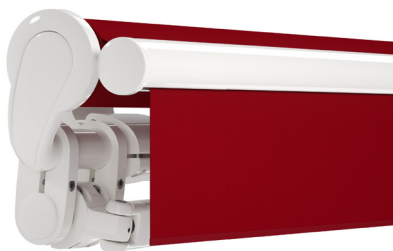
Frame and end cap colours

markilux frame colours without surcharge

traffic white, RAL 9016

metallic aluminium, RAL 9006

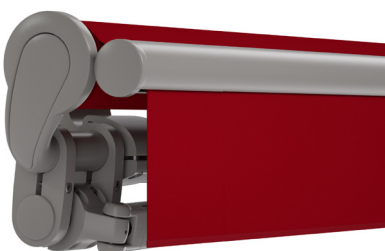
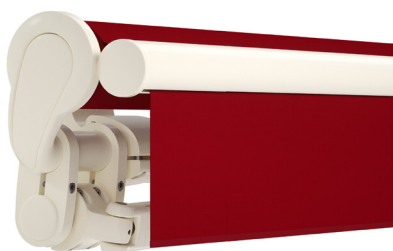
grey brown, similar to RAL 8019



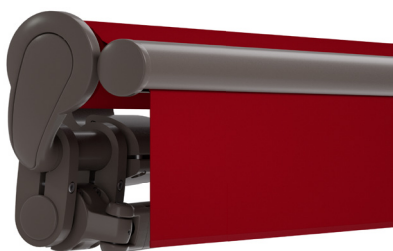
off-white textured finish, 5233 ¹⁾

stone grey metallic, 5215 ¹⁾

anthracite metallic, 5204 ¹⁾



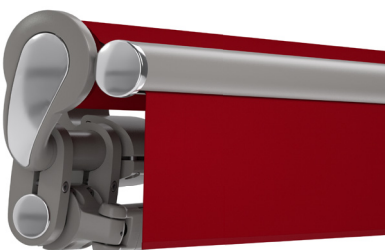
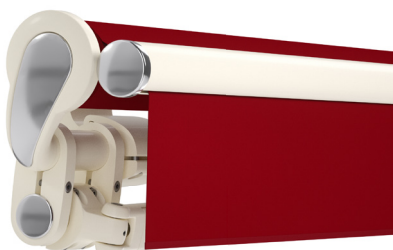
havana brown textured finish, 5229 ¹⁾



off-white textured finish, 5233 ¹⁾
insert and front profile end cap in
polished chrome

stone grey metallic, 5215 ¹⁾
insert and front profile end cap in
polished chrome

anthracite metallic, 5204 ¹⁾
insert and front profile end cap in
polished chrome



Combination options – possible in any frame colour.

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

		Overall awning width							Minimum width			
		150	175	200	225	250	300	350	Motor		Crank handle	
Order dimensions		123 150	151 175	176 200	201 225	226 250	251 300	301 350				
H	150	2)		1)	—	—	—	—	130	123	132	125
	200	2)	2)			1)	—	—	155	148	157	150
	250	—	2)	2)			1)	—	180	173	182	175
	300	—	—	2)	2)			1)	205	198	207	200
	350	—	—	—	2)	2)			230	223	232	225
	400 ³⁾	—	—	—	—	2)	2)		255	248	257	250

dimensions in cm

1) = inside dimensions on request

2) = please note the minimum widths!

3) = only available with motor drive
(surcharge)

H = projection

 = 2 folding arms,
2 brackets

 = 2 standard arms

 = 2 bespoke arms
(surcharge)

Operation

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

1) For awnings with a maximum of 2 arms

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 25 cm		✓	—

Shadeplus

not available

Optional accessories

aluminium coverboard
infrared heater 2500 W
infrared heater 2500 W with integrated radio-controlled receiver 868 MHz Funk 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, width 180 cm / 3 spots or 300 cm / 5 spots
automatic controls (light, wind, rain)

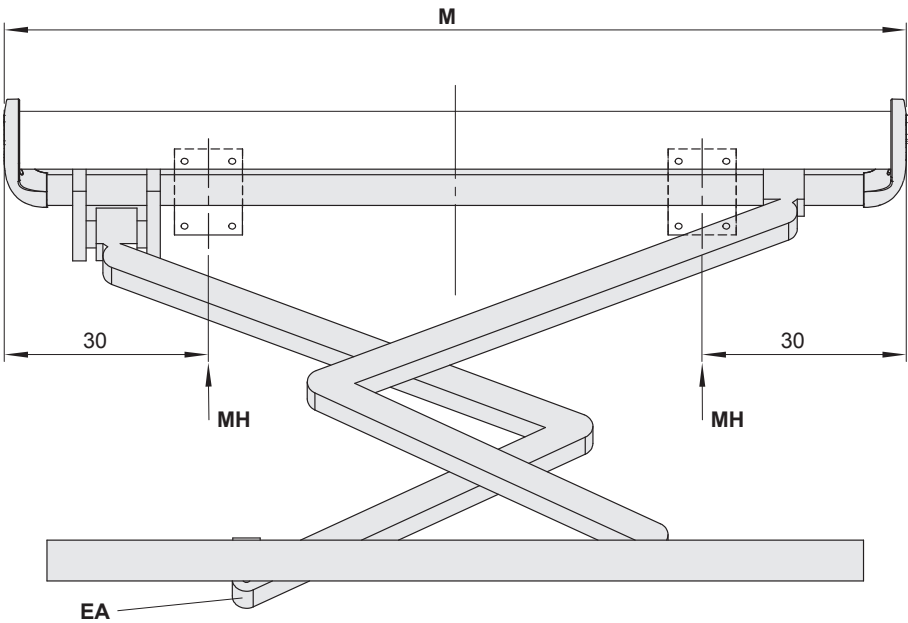
N.B. Important background information can be found in the chapter “Optional Accessories”

Fixture options

wall bracket 100 mm	70867.
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
stand-off bracket 80–300 mm	77968.
top fixture bracket 90 mm	70868.
eaves fixture bracket 90 mm, plate 150 mm	75889.
eaves fixture bracket 90 mm, plate 270 mm	71659.
angle and plate for eaves fixture machine finish aluminium, plate 500 mm	716620
spreader plate 260 × 60 × 12 mm for eaves fixture bracket	75383.

Bracket fixture range

Awning with 2 folding arms



dimensions in cm

Order dimensions		Awning width							
		150	175	200	225	250	300	350	400
		123 150	151 175	176 200	201 225	226 250	251 300	301 350	351 400
BHT		No. of brackets No. of fixing points							
W	10	2 6							
BP		A 2 16 B 2 8							
PA		2 8							
DE	9	2 8							
DA	9	2 8							

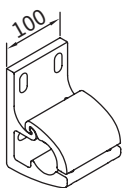
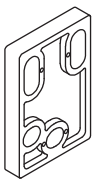
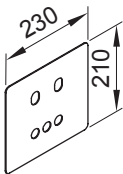
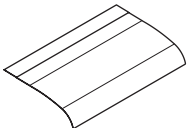
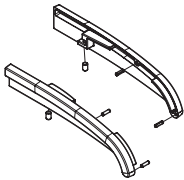
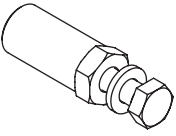
dimensions in cm

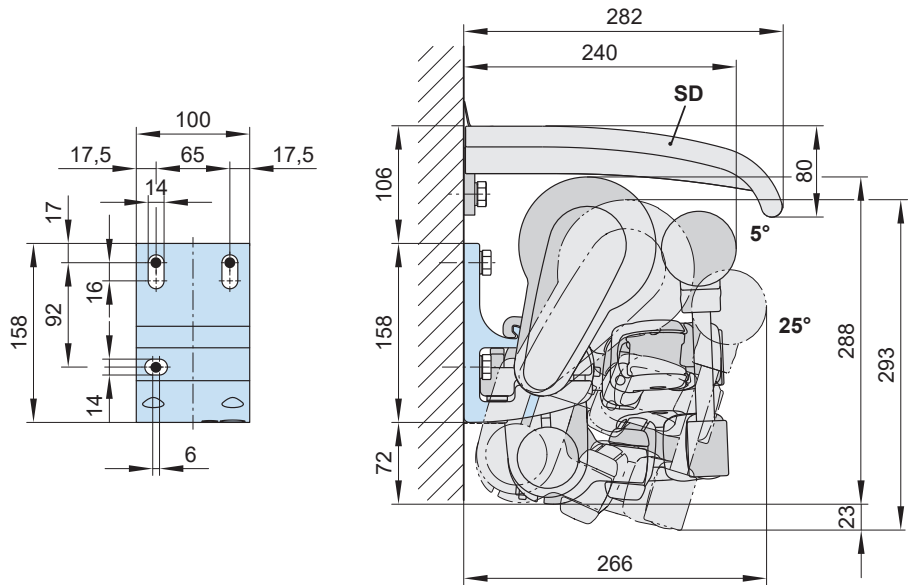
The **pull-out forces** necessary for determining the correct fixing materials necessary to meet wind resistance class 2 (Beaufort 5) can be found in the password-protected dealer area of the pro.markilux.com website under “Pull-out Forces”.

- BHT
- = bracket width
- BP
- = spreader plate **A** or **B**, to be positioned behind the folding arm
- DA
- = eaves fixture brackets
- DE
- = top fixture brackets
- EA
- = deep folding-arm (opposite of the drive side)
- M
- = **order width** = awning width
- MH
- = bracket centre
- PA
- = markilux panel, fixture profile, width 250 mm
- W
- = face fixture bracktes

Face fixture

Fixtures, fittings and accessories

	face fixture bracket 100 mm		spacer plate for face fixture 100 × 150 × 20 mm		spacer plate 100 × 150 × 12 mm
70867.		758831	N.B! Stack to a max. height of 200 mm	758841	
	cover plate for spacer plate and stand-off brackets in the case of external insulation 230 × 210 × 2 mm		coverboard incl. additional profile and rubber sealing strip		side cover profile coverboard left and right
71843.		72015., 72019., 75970.		60915. and 60916.	
	reduction bolt pack 10 pcs	M 16 → M 12 M 16 → M 10 M 12 → M 10 M 10 → M 10			

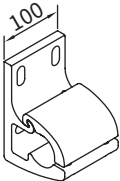


SD = aluminium coverboard

dimensions in mm

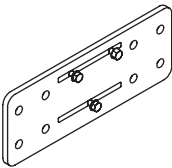
Face fixture with spreader plate A

Fixtures, fittings and accessories



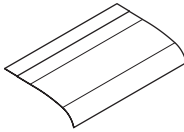
face fixture bracket
100 mm

70867.



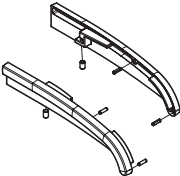
spreader plate A face
fixture
430 × 160 × 12 mm

75326.



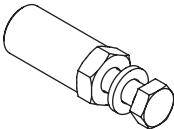
coverboard
incl. additional profile
and rubber sealing strip

72015., 72019., 75970.



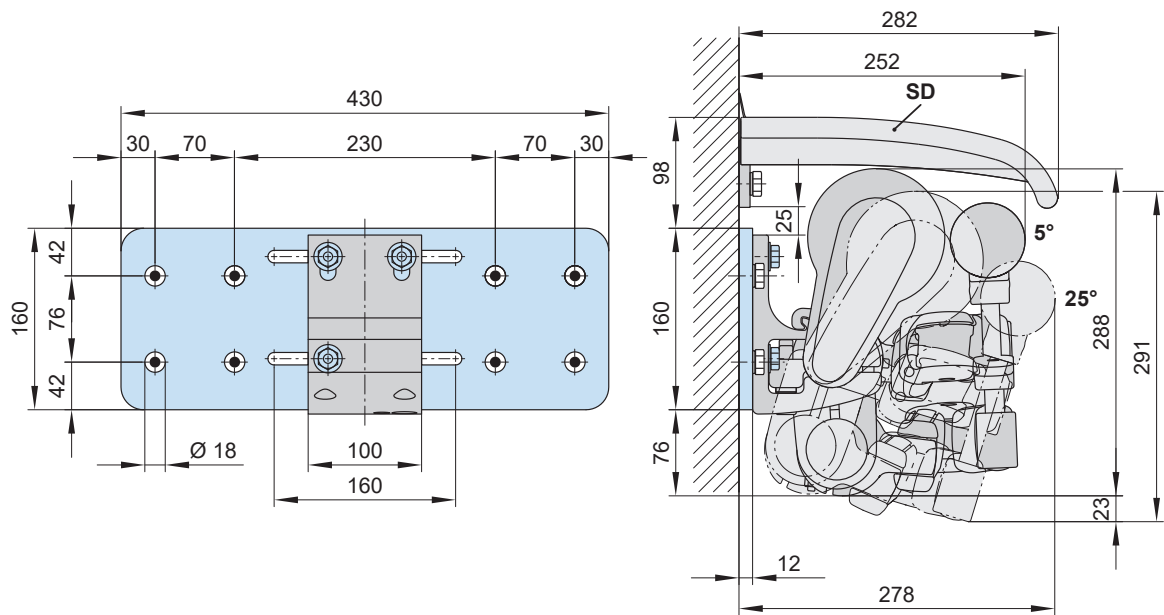
side cover profile
coverboard
left and right

60915. and 60916.



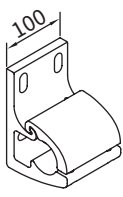
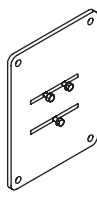
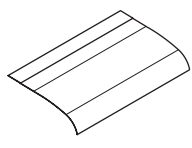
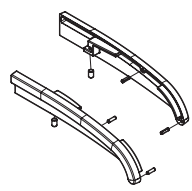
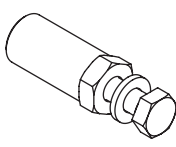
reduction bolt
pack 10 pcs

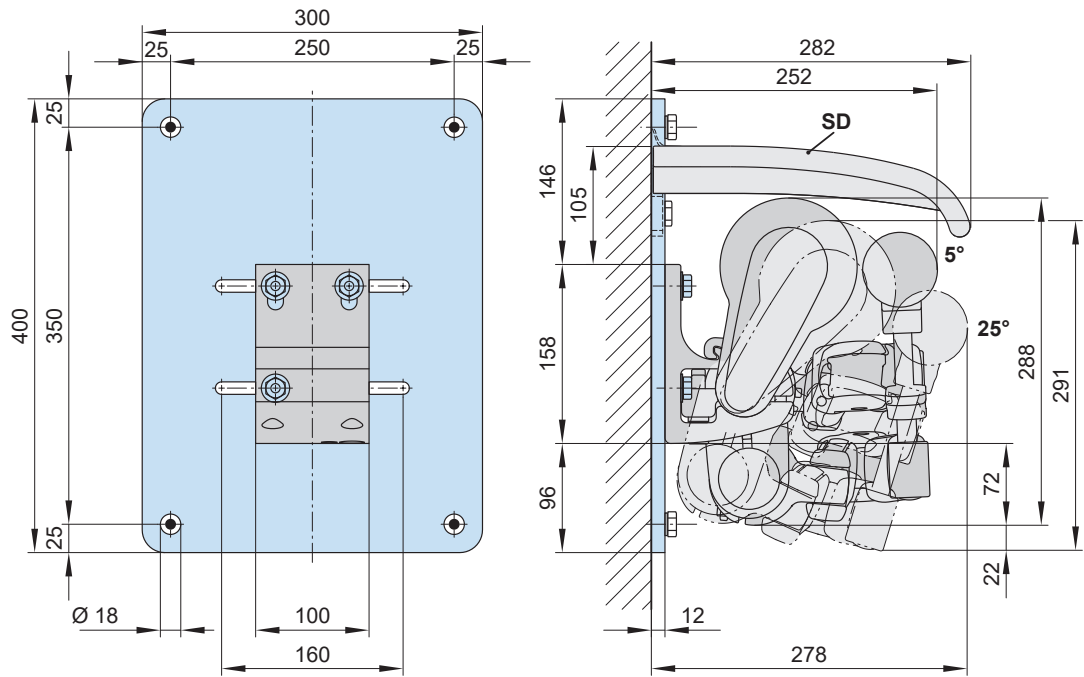
M 16 → M 12 | M 16 → M 10 | M 12 → M 10 | M 10 → M 10



Face fixture with spreader plate B

Fixtures, fittings and accessories

 face fixture bracket 100 mm 70867.	 spreader plate B face fixture 300 × 400 × 12 mm 75325.	 coverboard incl. additional profile and rubber sealing strip 72015., 72019., 75970.
 side cover profile coverboard left and right 60915. and 60916.	 reduction bolt pack 10 pcs M 16 → M 12 M 16 → M 10 M 12 → M 10 M 10 → M 10	

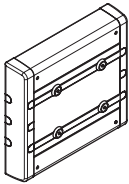


SD = aluminium coverboard

dimensions in mm

Face fixture using the markilux panel 250 mm wide

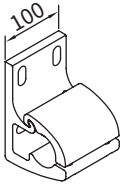
Fixtures, fittings and accessories



markilux panel
250 × 230 × 49 mm

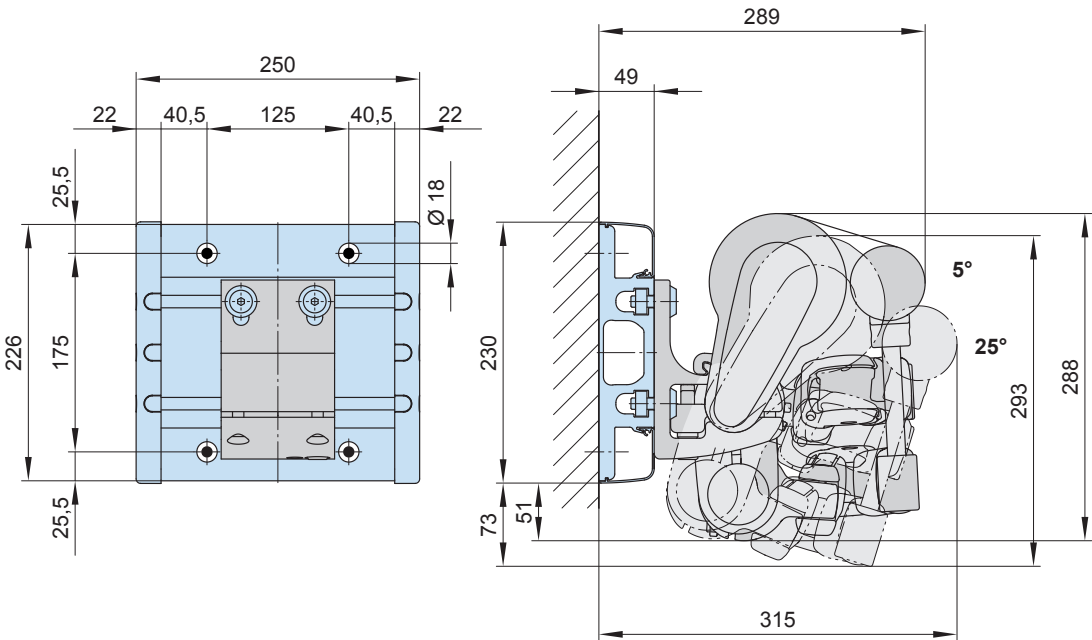
with decorative profiles
and end caps

76308.



face fixture bracket
100 mm

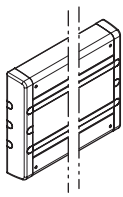
70867.



dimensions in mm

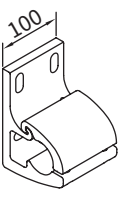
Face fixture with markilux panel continuous

Fixtures, fittings and accessories



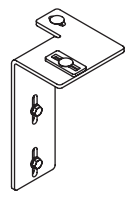
markilux panel continuous
with decorative profiles and end caps

701104



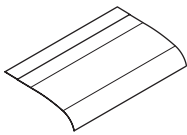
face fixture bracket
100 mm

70867.



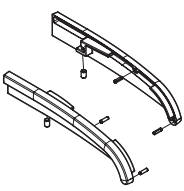
bracket coverboard

76390.



coverboard
incl. additional profile and rubber sealing strip

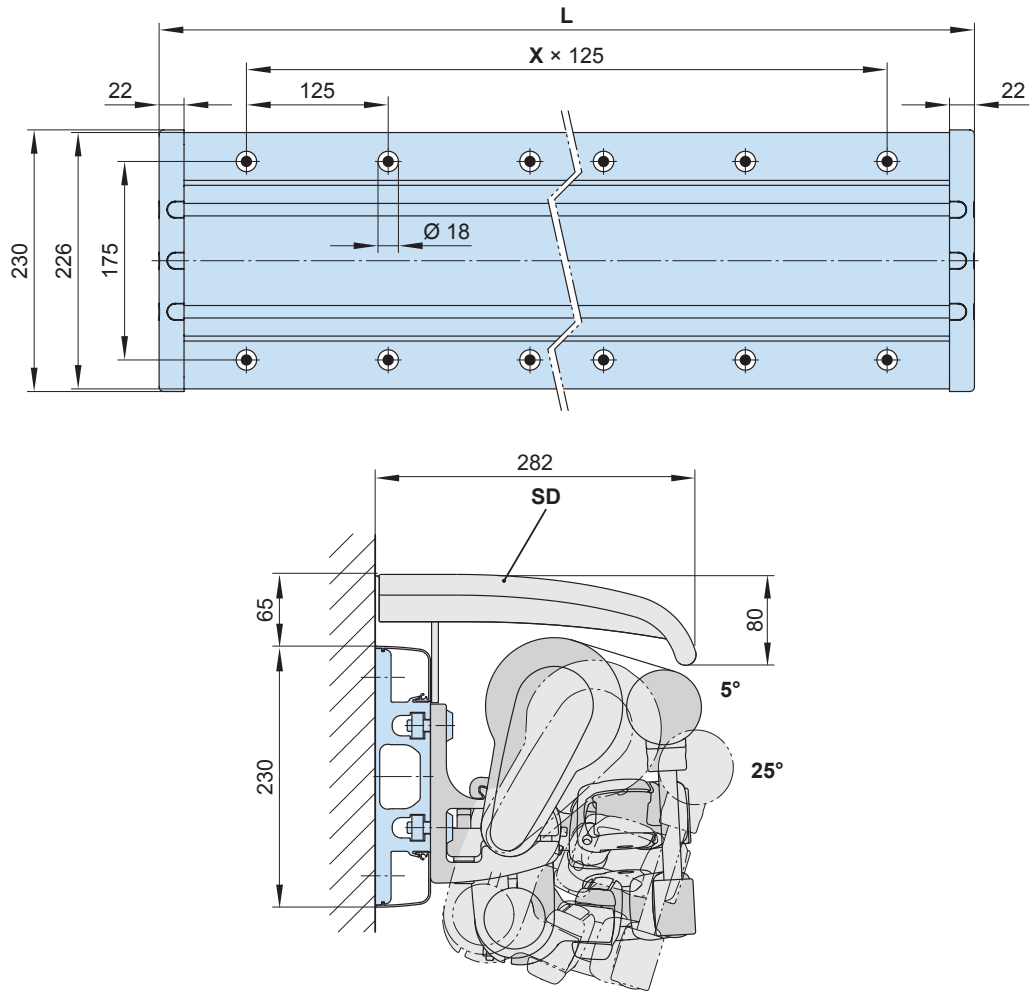
72015., 72019., 75970.



side cover profile
coverboard
left and right

60915. and 60916.

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.

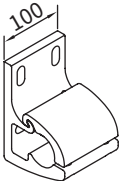


- L** = individual width, max. 7000 mm
SD = aluminium coverboard
x = fixing point separation, **by way of example**

dimensions in mm

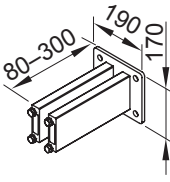
Face fixture with stand-off bracket

Fixtures, fittings and accessories



face fixture bracket
100 mm

70867.

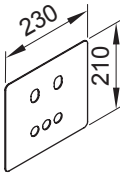


stand-off bracket
for face fixture
bracket 70867.

80-300 mm

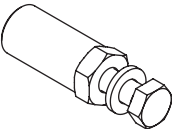
incl. insulating element

77968.



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

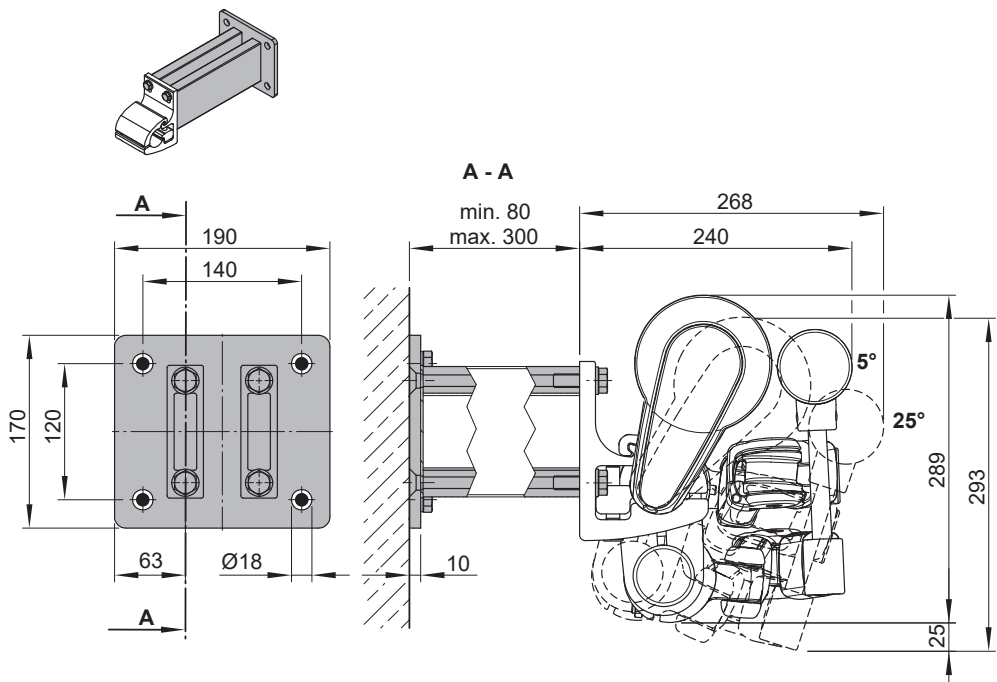
71843.



reduction bolt

pack 10 pcs

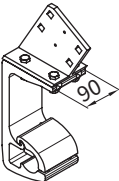
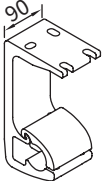
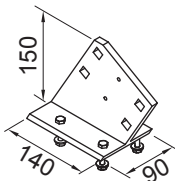
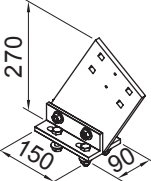
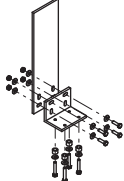
M 16 → M 12 | M 16 → M 10 | M 12 → M 10 | M 10 → M 10



dimensions in mm

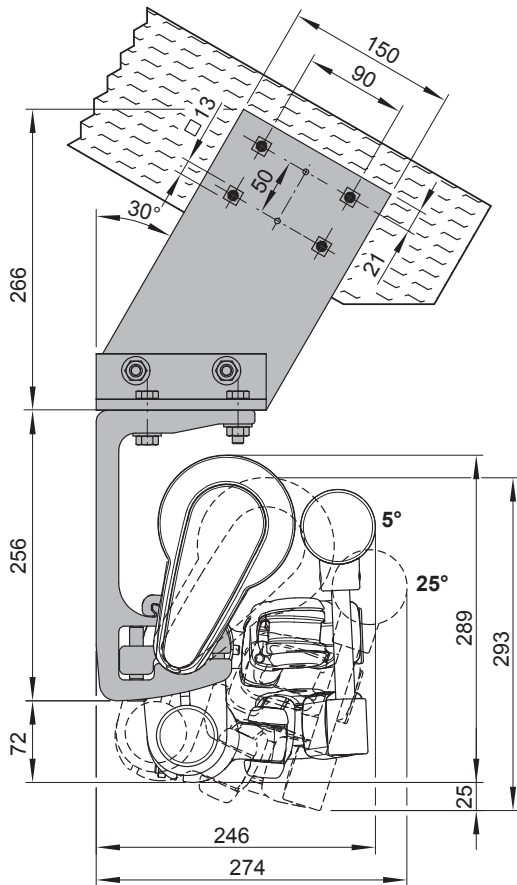
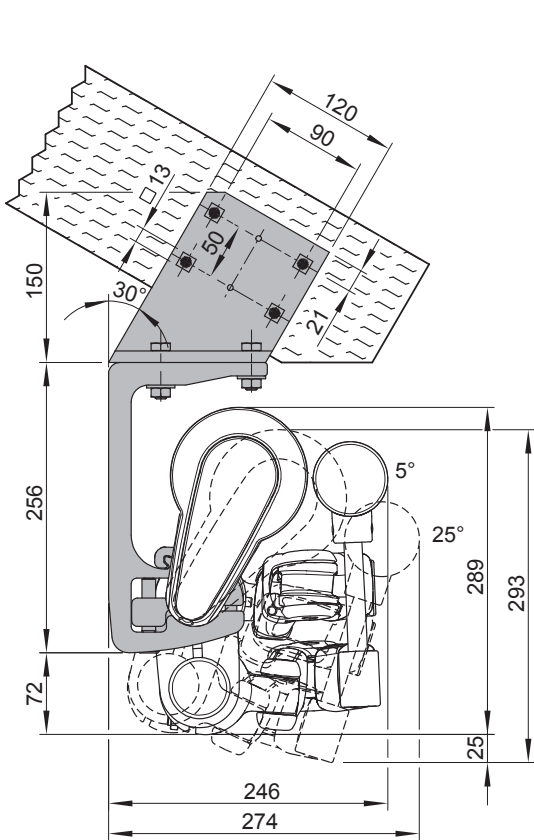
Eaves fixture

Fixtures, fittings and accessories

 eaves fixture bracket complete 90 mm height of flat plate 150 mm 70871.	 top fixture bracket 90 mm 70868.	 eaves fixture bracket 90 mm 150 mm plate 75889.
 eaves fixture bracket 90 mm height of flat plate 270 mm 71659.	 angle and plate for eaves fixture height of plate 500 mm machine finish 716620	

Eaves fixture bracket 150 mm (75889.)

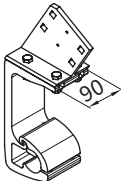
Eaves fixture bracket 270 mm (71659.)



dimensions in mm

Eaves fixture with additional plate

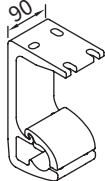
Fixtures, fittings and accessories



eaves fixture bracket
complete
90 mm

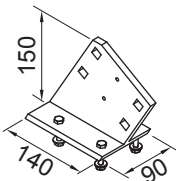
height of flat plate
150 mm

70871.



top fixture bracket
90 mm

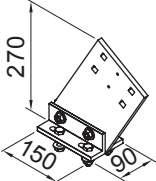
70868.



eaves fixture bracket
90 mm

150 mm plate

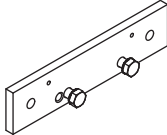
75889.



eaves fixture bracket
90 mm

height of flat plate
270 mm

71659.



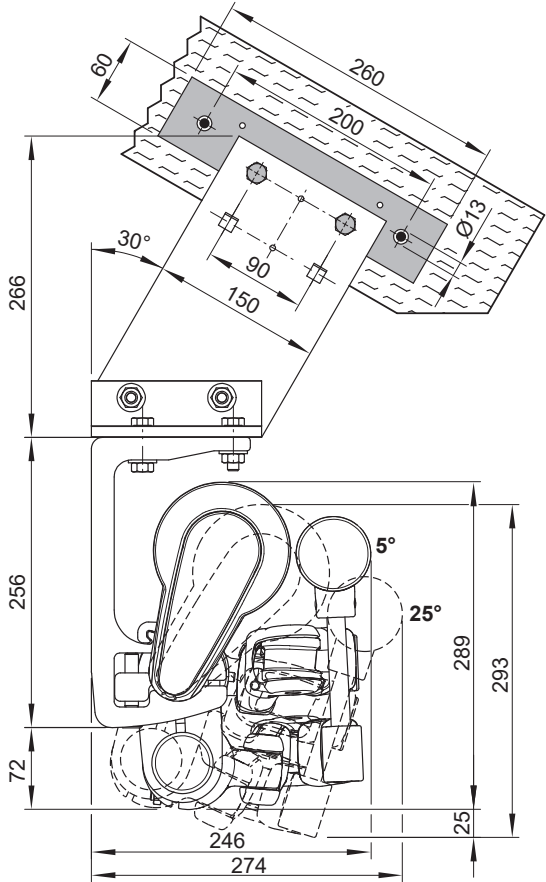
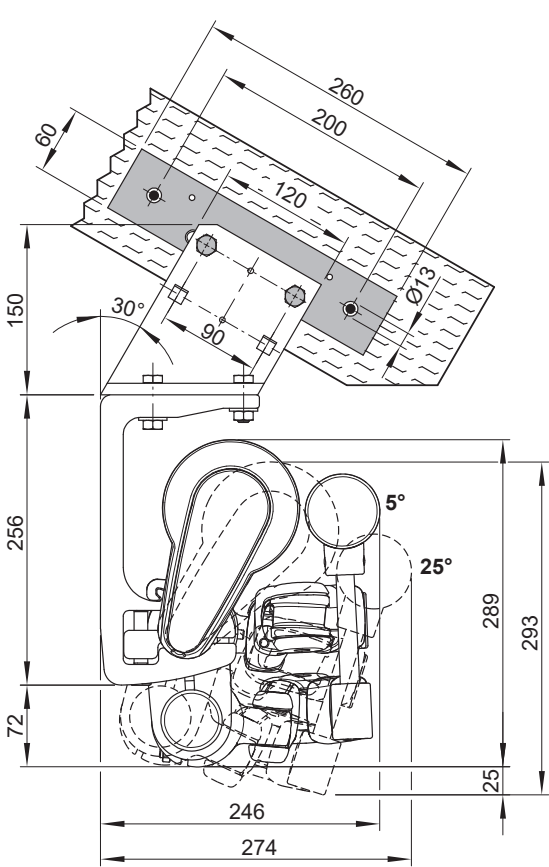
supplementary flat plate
for eaves fixture

260 × 60 × 12 mm

75383.

Eaves fixture bracket with backing plate for 75889.

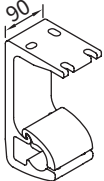
Eaves fixture bracket with backing plate for 71659.



dimensions in mm

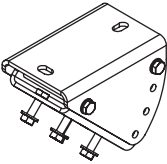
Eaves fixture with adjustable eaves fixture bracket

Fixtures, fittings and accessories



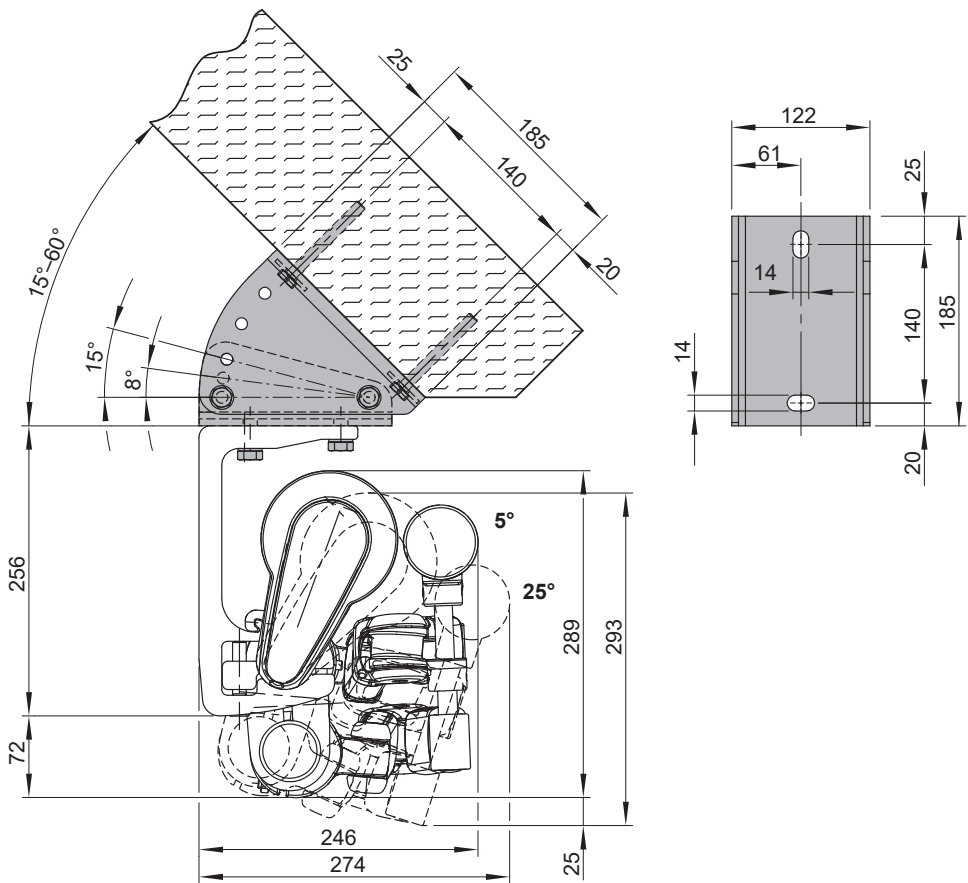
top fixture bracket
90 mm

70868.



eaves fixture bracket
adjustable from
15°-60°

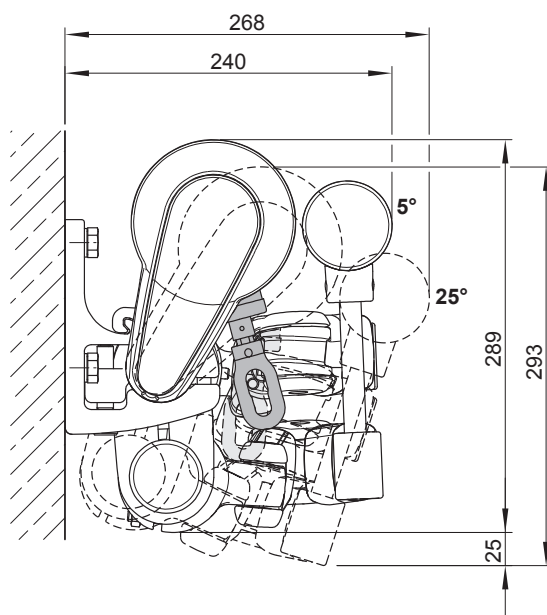
71198.



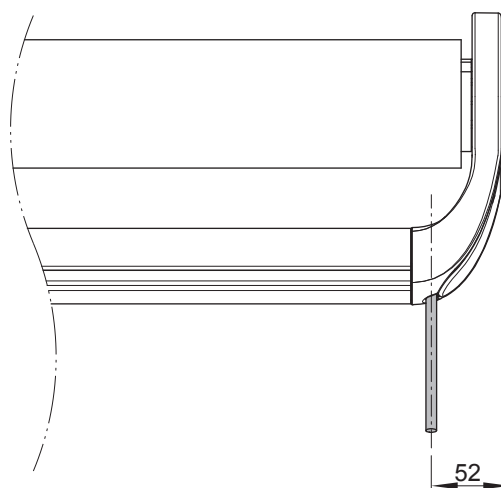
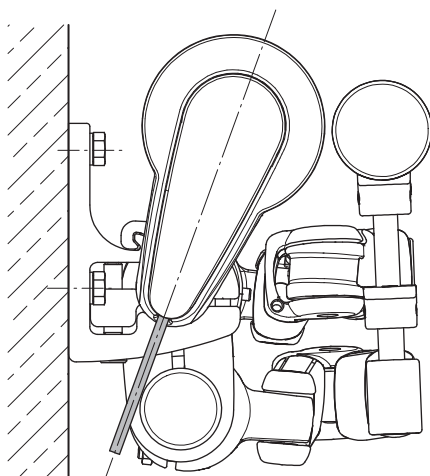
dimensions in mm

Face fixture, manual operation

Dimensions at pitches between 5°–25°



Motor cable exit point



dimensions in mm