



Cassette awning

markilux 1710 stretch

The classic torque bar awning with a designer look.
Large projections at limited widths – the perfect solution
for narrow reveals, balconies and patios.



German
Design Award
NOMINEE 2014



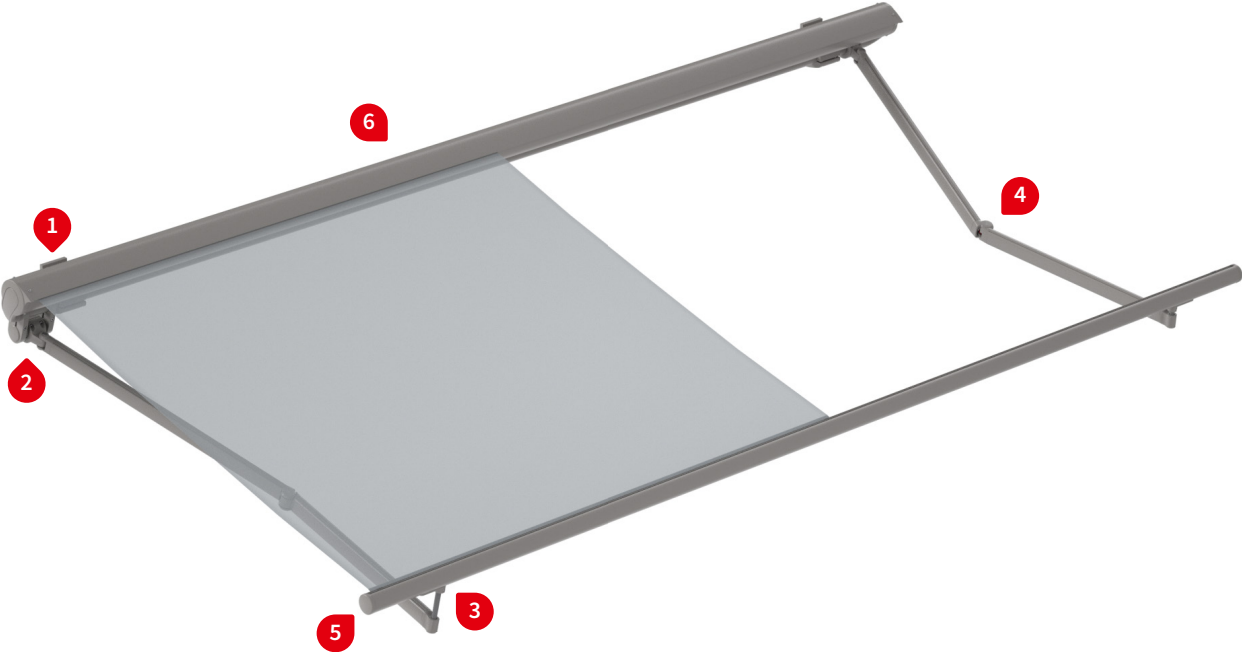
reddot design award
winner 2012

markilux.com

markilux
safe timeless beautiful

Product Characteristics

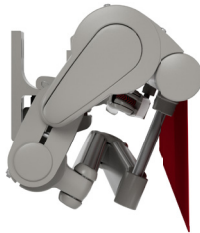
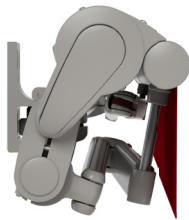
Wind resistance class 2
Beaufort 5 → 7.5–10.4 m/s → 28–37 km/h → 17–23 mph



1) face fixture

1) face fixture, maximum pitch of 25°

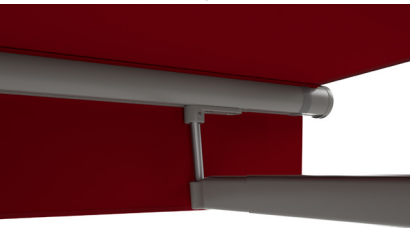
1) top fixture



2) folding arm suspended from the torque bar

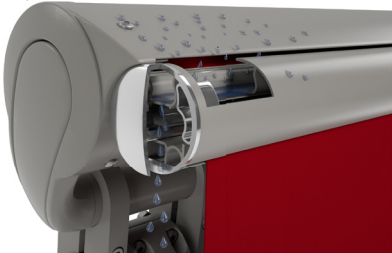
3) connection of the lower folding arm to the front profile

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

6) wall sealing profile, up to a pitch of 25° 1)



1) Optional accessories

Product Characteristics

Description

- award-winning, teardrop-shaped cover cassette employing special folding arm technology, 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 cassette
- cover cassette with tiered arms in front, which make greater projections than widths possible
- even when the awning is fully extended, the roller tube is completely protected

Dimensions

- cassette in the standard version: depth 252 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 350 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
- cassette in two parts
- 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, insensitive to corrosion and UV resistant, 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

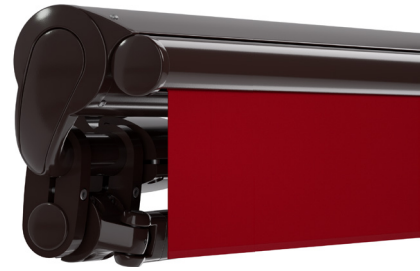
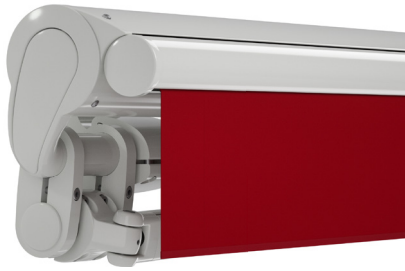
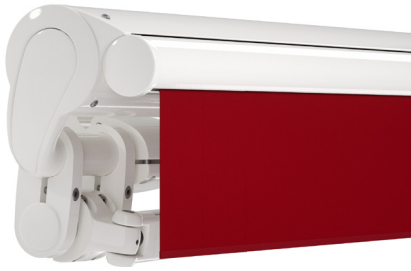
Frame and end cap colours

markilux frame colours without surcharge

traffic white, RAL 9016

metallic aluminium, RAL 9006

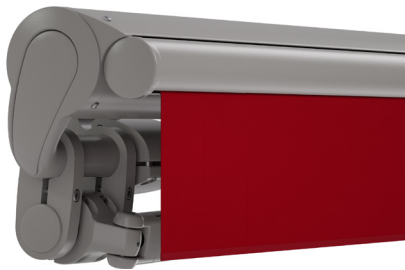
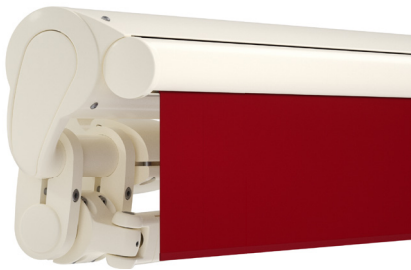
grey brown, similar to RAL 8019



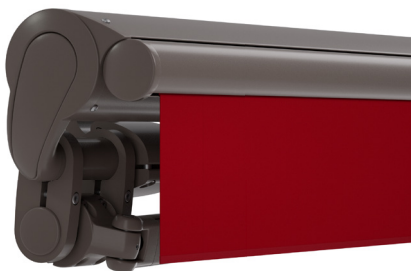
off-white textured finish, 5233 ¹⁾

stone grey metallic, 5215 ¹⁾

anthracite metallic, 5204 ¹⁾



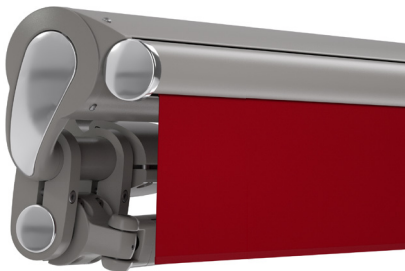
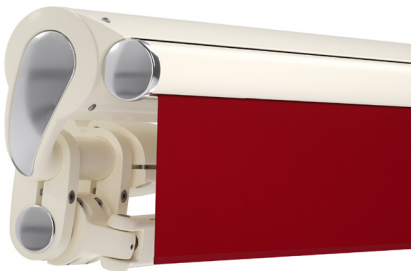
havana brown textured finish, 5229 ¹⁾



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	151	176	201	226	251	301				
		150	175	200	225	250	300	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

dimensions in cm

1) = inside dimensions on request

2) = please note the minimum widths!

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 / receiver) ¹⁾	—	—
radio-controlled motor io, 868 MHz	—	✓
radio-controlled motor RTS, 433 MHz	—	✓
868 MHz radio-controlled motor io 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 ¹⁾	411.. - 427..	✓	—
smart art	340..	—	✓
perla FR	371.. / 372..	—	✓
valance, height 25 cm		✓	—

1) up to max. 300 cm projection available

Shadeplus

not available

Optional accessories

wall sealing profile (effective up to a maximum awning pitch of 25°); coverboard when fitted to the markilux panel, in one piece
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)

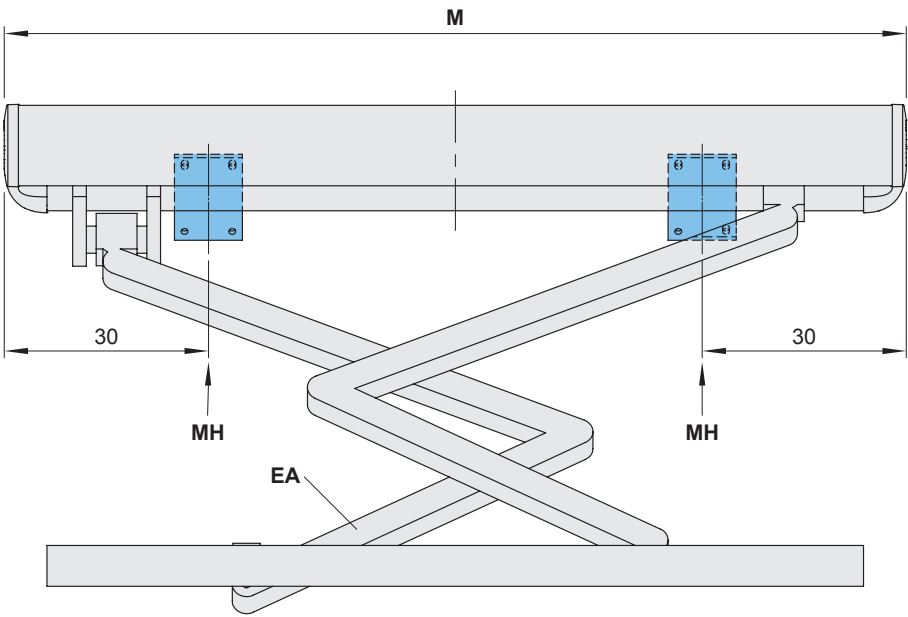
N.B. Important background information can be found in the chapter “Optional Accessories”

Fixture options

face fixture 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
		123	151	176	201	226	251	301
		150	175	200	225	250	300	350
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						

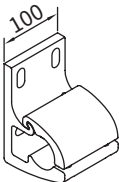
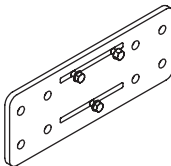
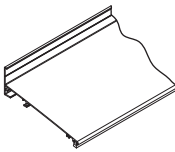
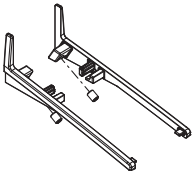
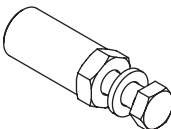
dimensions in cm

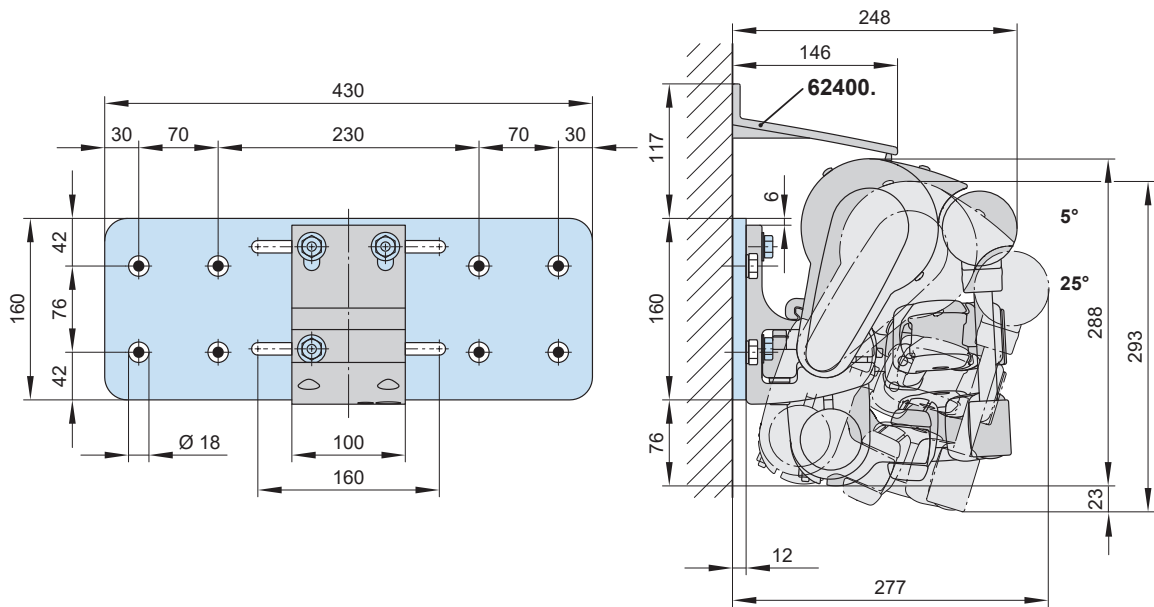
The **pull-out forces** necessary for determining the correct fixing materials necessary to meet wind resistance class 2 (Beaufort 5) can be found in the password-protected dealer area of the *pro.markilux.com* website under “Pull-out Forces”.

- 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 bracketes

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.	 wall sealing profile incl. brush seal by the metre 62400. and 704241.
 side cover profile wall sealing profile left and right 62405. and 62406.	 reduction bolt pack 10 pcs M 16 → M 12 M 16 → M 10 M 12 → M 10 M 10 → M 10	

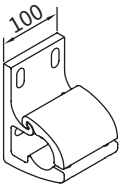
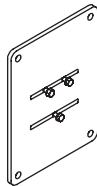
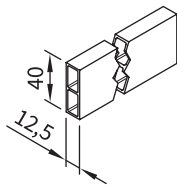
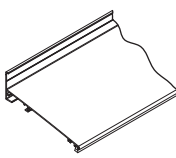
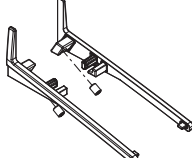
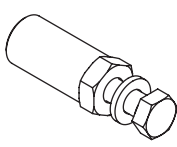


62400. = wall sealing profile (standard width = awning width (M); up to a maximum awning pitch of 25°)

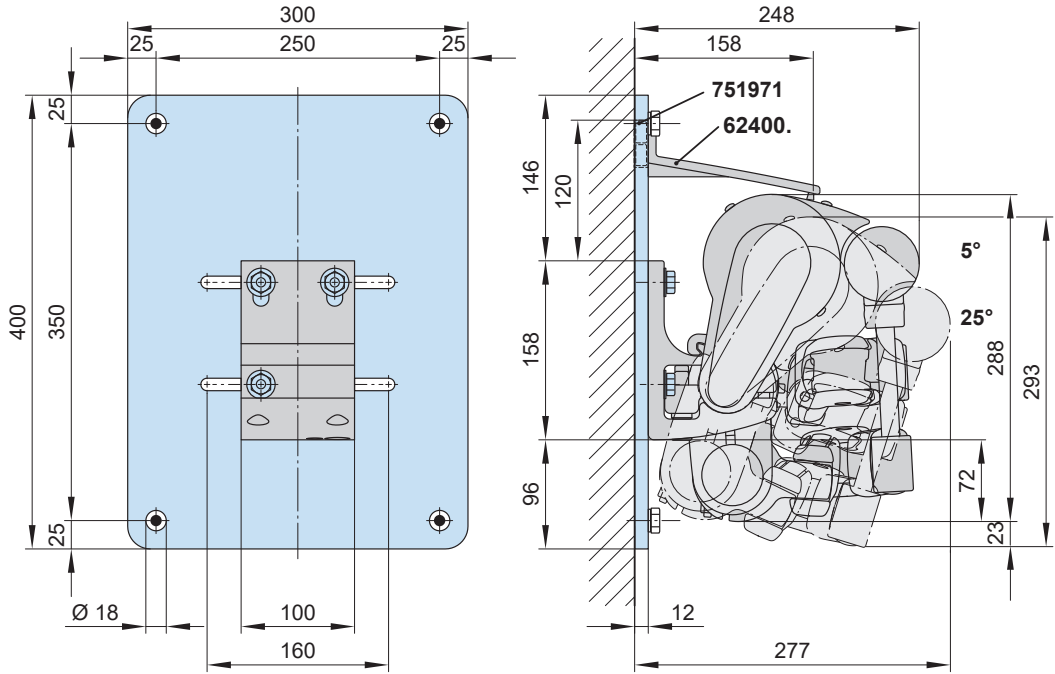
dimensions in mm

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.	 stand-off strip for wall sealing by the metre 751971
 wall sealing profile incl. brush seal by the metre 62400. and 704241.	 side cover profile wall sealing profile left and right 62405. and 62406.	 reduction bolt pack 10 pcs M 16 → M 12 M 16 → M 10 M 12 → M 10 M 10 → M 10

13

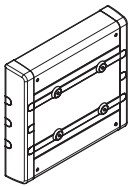


751971 = stand-off strip for wall sealing profile
62400. = wall sealing profile (standard width = awning width (M); up to a maximum awning pitch of 25°)

dimensions in mm

Face fixture using the markilux panel 250 mm wide

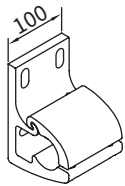
Fixtures, fittings and accessories



markilux panel
250 × 230 × 49 mm

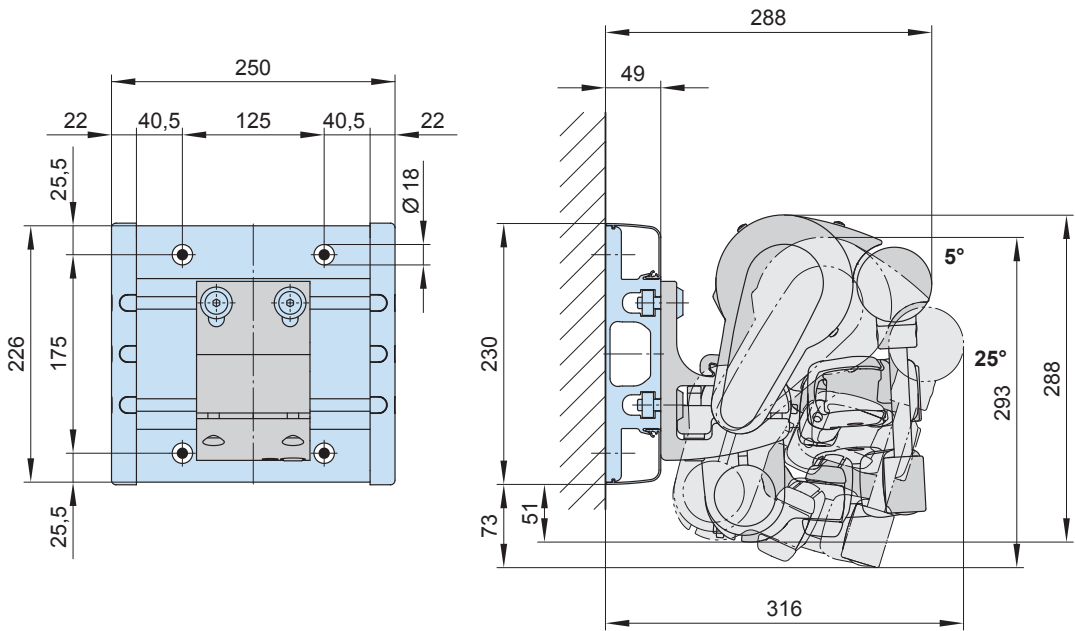
with decorative profiles
and end caps

76308.



face fixture bracket
100 mm

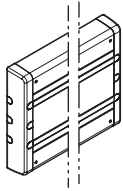
70867.



dimensions in mm

Face fixture with markilux panel continuous

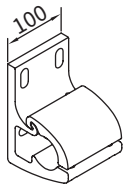
Fixtures, fittings and accessories



markilux panel continuous

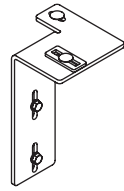
with decorative profiles and end caps

701104



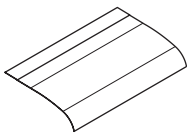
face fixture bracket 100 mm

70867.



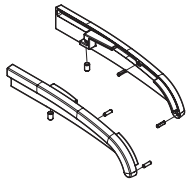
bracket coverboard

76390.



coverboard incl. additional profile and rubber sealing strip

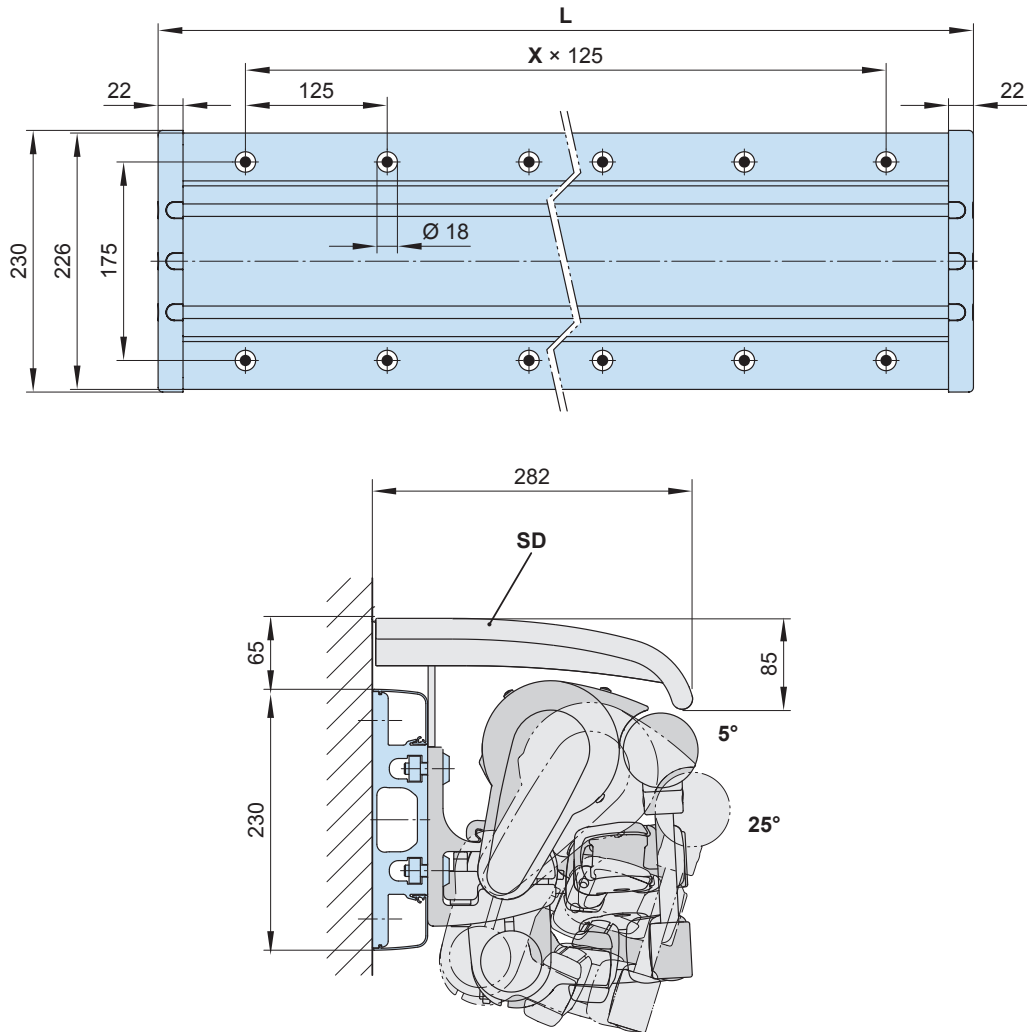
72015., 72019., 75970.



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.

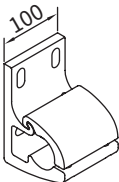


- L = individual width, max. 7000 mm
- SD = aluminium coverboard
- x = fixing point separation, **by way of example**

dimensions in mm

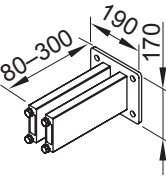
Face fixture with stand-off bracket

Fixtures, fittings and accessories



face fixture bracket
100 mm

70867.

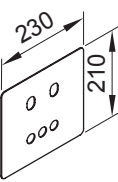


stand-off bracket
for face fixture
bracket 70867.

80-300 mm

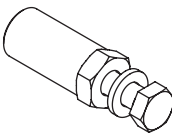
incl. insulating element

77968.



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

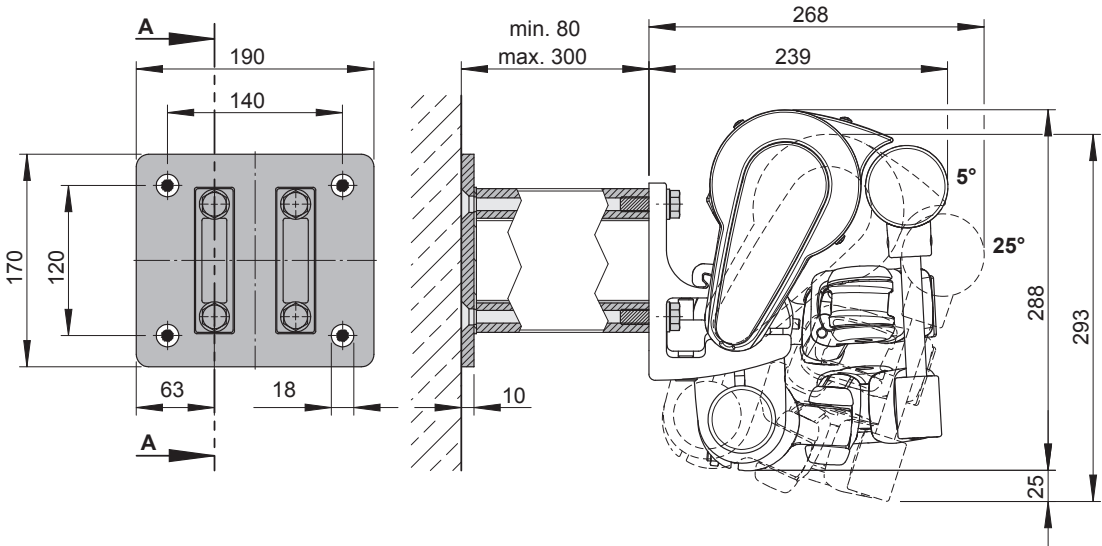
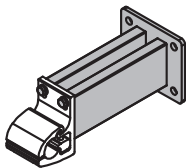
71843.



reduction bolt

pack 10 pcs

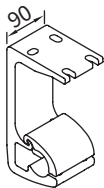
M 16 → M 12 | M 16 → M 10 | M 12 → M 10 | M 10 → M 10



dimensions in mm

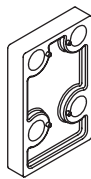
Top fixture

Fixtures, fittings and accessories



top fixture bracket
90 mm

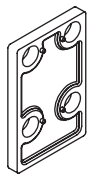
70868.



spacer plate for top
fixture
90x 140 x 20 mm; black

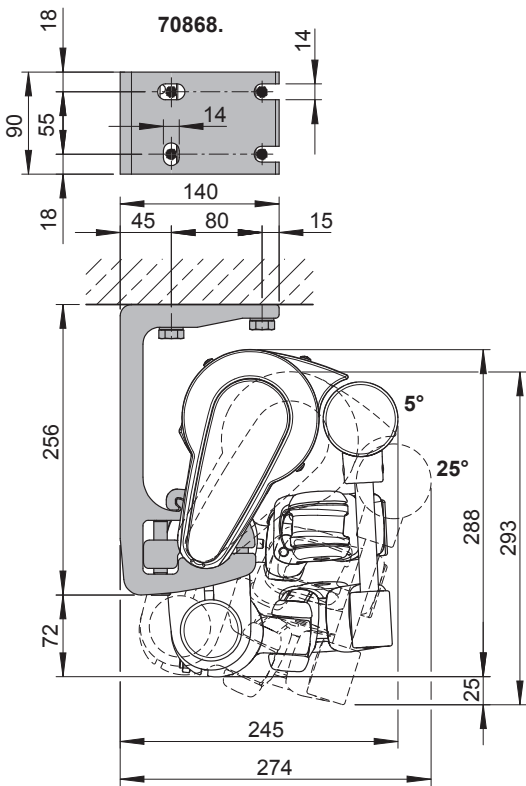
N.B!
stack to a max. height of
200 mm

716311



spacer plate for top
fixture
90x 140 x 12 mm; black

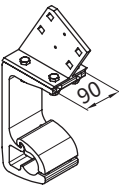
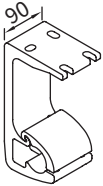
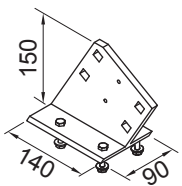
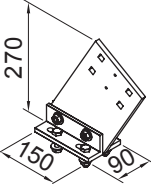
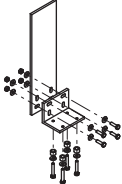
716411



dimensions in mm

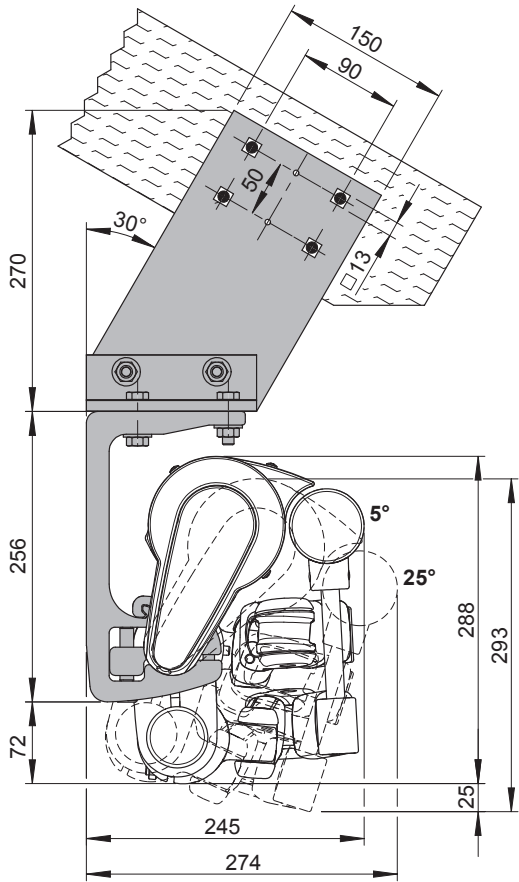
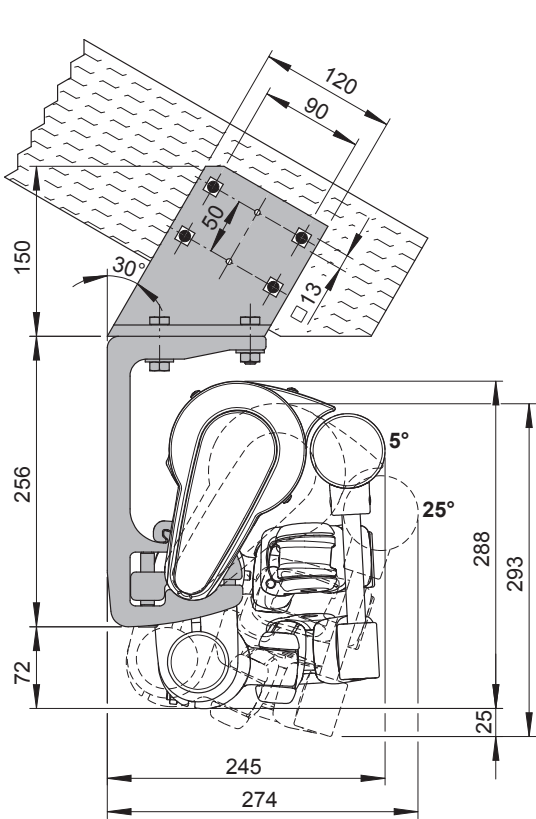
Eaves fixture

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.)

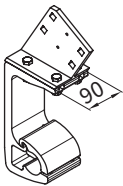
Eaves fixture bracket 270 mm (71659.)



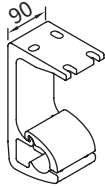
dimensions in mm

Eaves fixture with additional plate

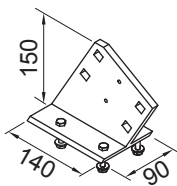
Fixtures, fittings and accessories

 eaves fixture bracket complete 90 mm
height of flat plate 150 mm

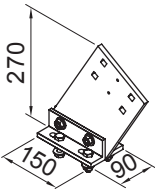
70871.

 top fixture bracket 90 mm

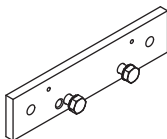
70868.

 eaves fixture bracket 90 mm
150 mm plate

75889.

 eaves fixture bracket 90 mm
height of flat plate 270 mm

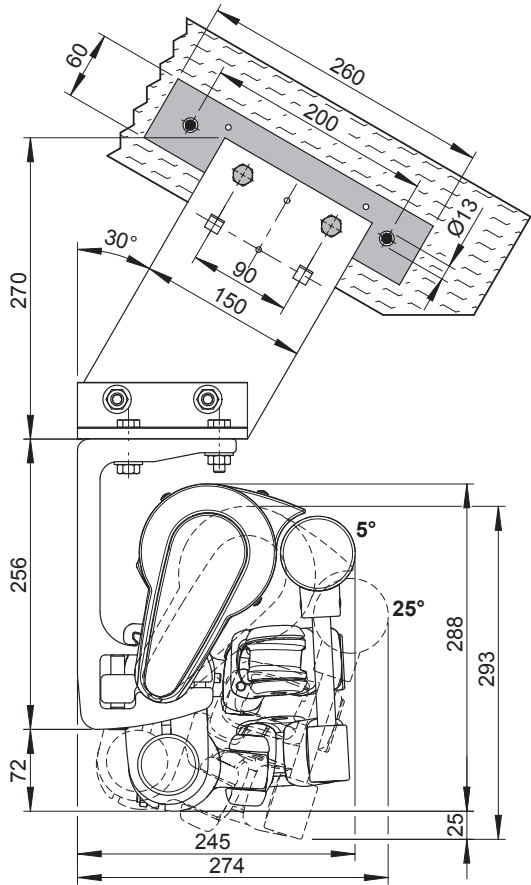
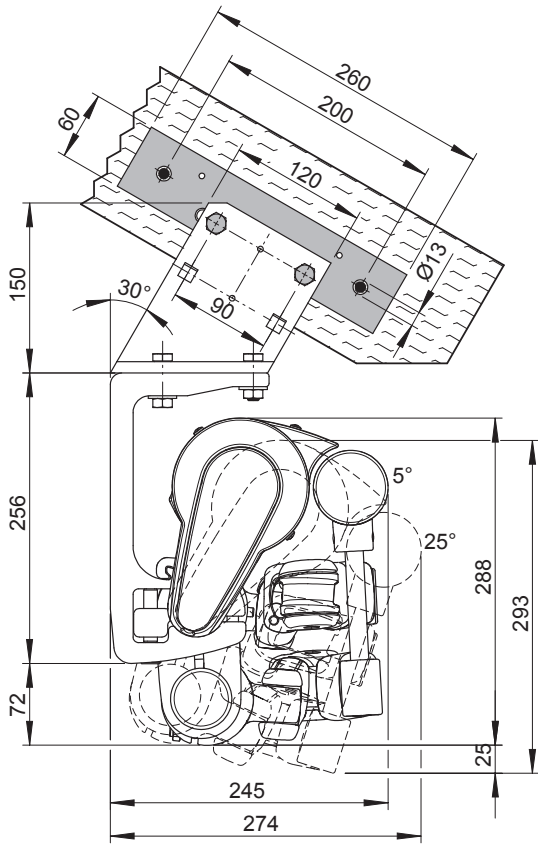
71659.

 supplementary flat plate for eaves fixture
260 × 60 × 12 mm

75383.

Eaves fixture bracket with backing plate for 75889.

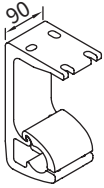
Eaves fixture bracket with backing plate for 71659.



dimensions in mm

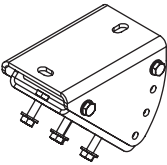
Eaves fixture with adjustable eaves fixture bracket

Fixtures, fittings and accessories



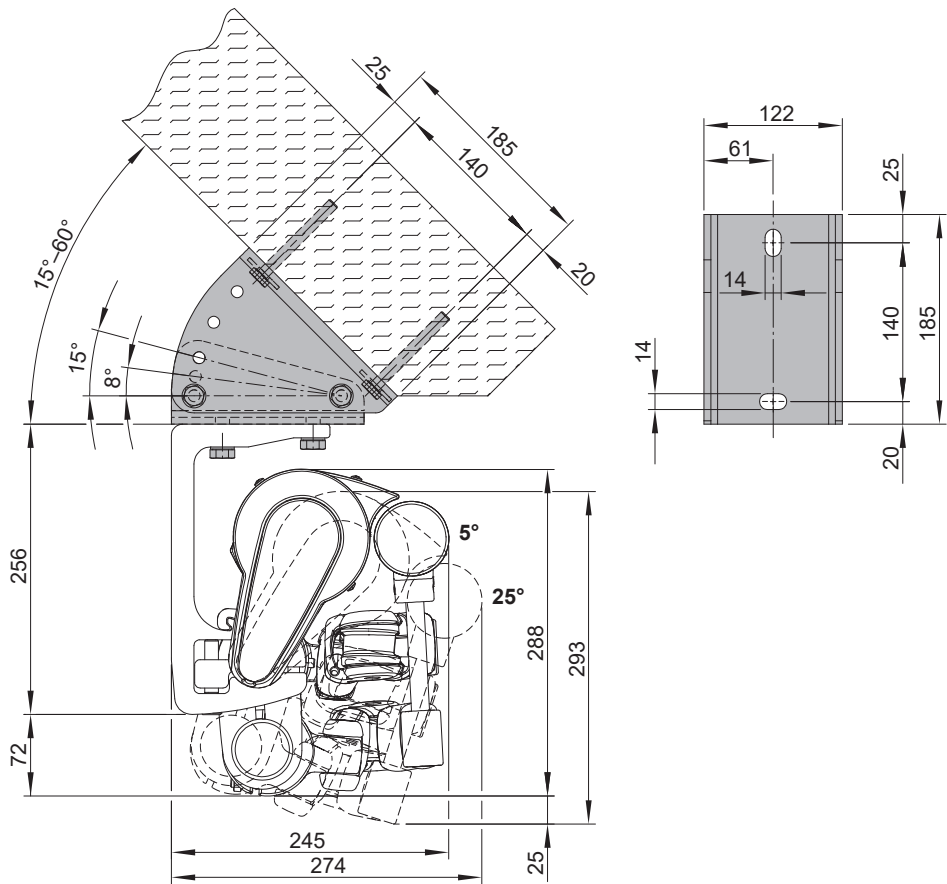
top fixture bracket
90 mm

70868.



eaves fixture bracket
adjustable from
15°-60°

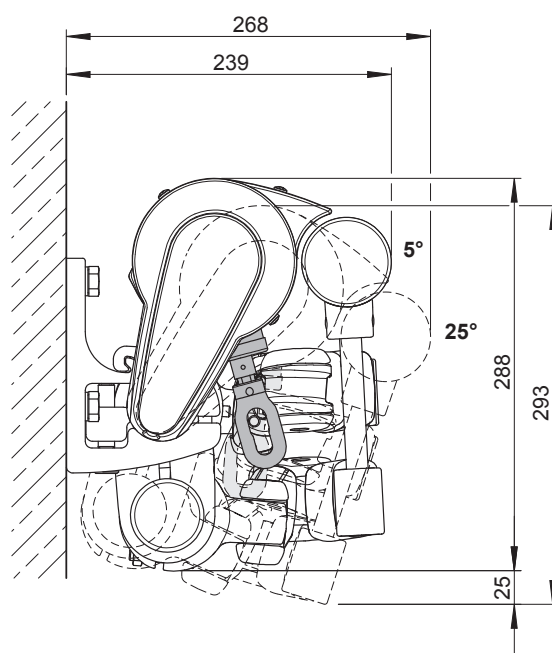
71198.



dimensions in mm

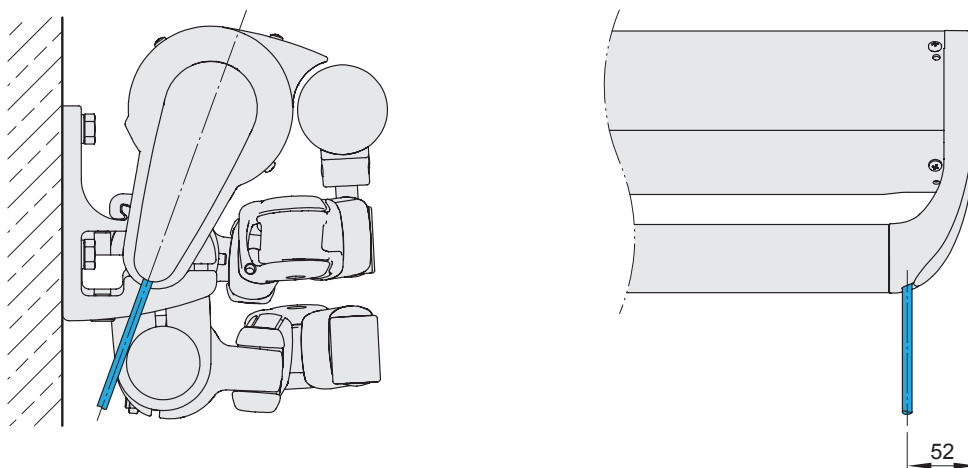
Face fixture, manual operation

Dimensions at pitches between 5°–25°



13

Motor cable exit point



dimensions in mm