



Open style folding-arm awning

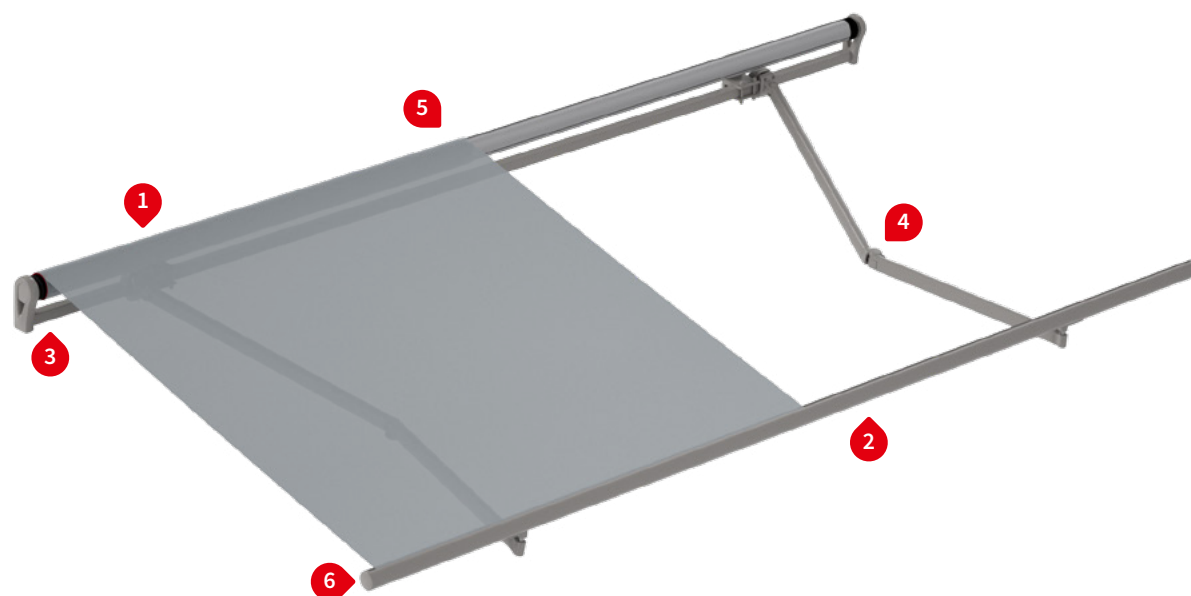
markilux 1300 basic

The entrance model with proven technology.

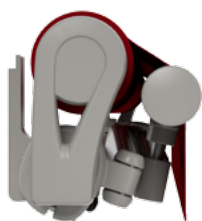
Product characteristics

Wind resistance class 2

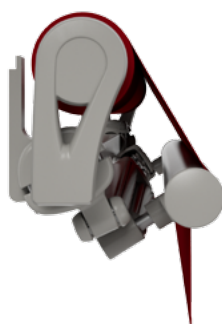
Beaufort 5 → 7.5–10.4 m/s → 28–37 km/h → 17–23 mph



1 face fixture



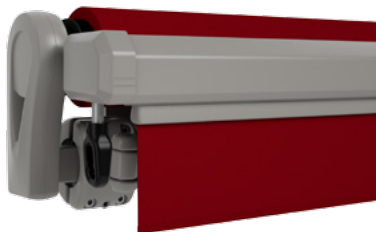
1 face fixture,
maximum pitch of 55°



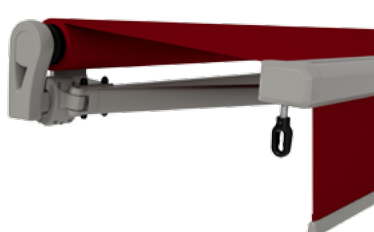
1 top fixture



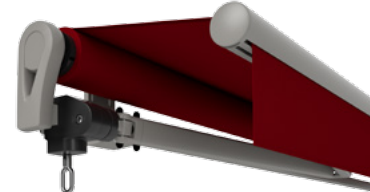
2 drop valance 1)



2 drop valance, during extension 1)



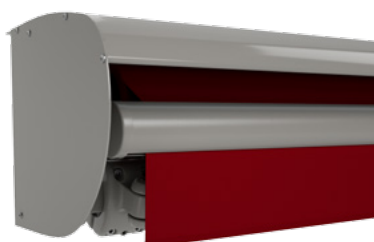
3 pitch adjustment mechanism 1)



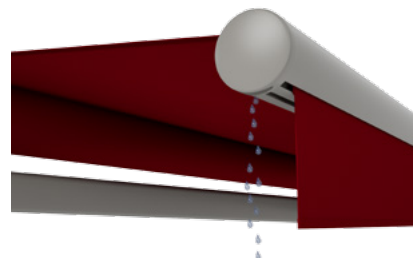
4 twin steel-link chains,
corrosion protected



5 aluminium coverboard 1)



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



1) optional configuration

Product characteristics

Description

- classic folding-arm awning with square torque bar, suitable for shading large areas.

Special features

- option of a drop valance up to a projection of 350 cm – vertical protection against low-lying sun and inquisitive glances integrated into the front profile, can be operated manually
- option of a pitch adjustment gear – the pitch of the awning is effortlessly altered by way of a special gear mechanism in the torque bar, operated exclusively by crank handle and infinitely adjustable in a range between 4° and 54° or 35° and 85° (maximum projection 300 cm / only in awnings with two folding arms)

Dimensions

- awning in the standard version: depth 212 mm, height 232 mm
- single unit: minimum width 167 cm at the smallest projection of 150 cm
maximum width 700 cm at the largest projection of 400 cm
- also available as a coupled unit

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 roller support bracket is made of extruded aluminium, completely hidden within an end cap

Awning profiles

- extruded aluminium, in façade quality, powder coated
- square steel torque bar 40 mm × 40 mm, galvanised inside and out, 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

Side caps

- the end caps covering the roller support brackets are made of high-quality plastic, in two sections, dyed right through or powder coated
- the front profile end caps are made of high-quality plastic, powder coated

Fixture brackets

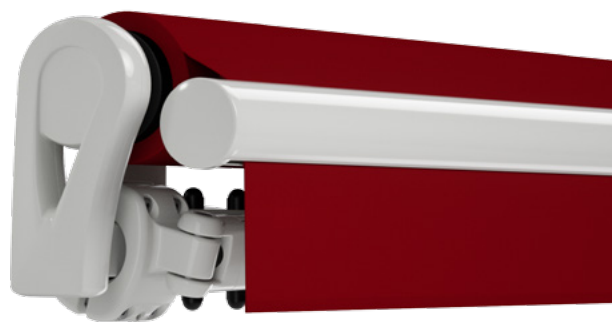
- face fixture, top fixture, eaves fixture
- extruded aluminium, powder coated
- awning pitch adjustment range 5°–55°
- spacer plates, stand-off brackets and other accessories are available

Frame and end cap colours

markilux frame colours without surcharge

traffic white RAL 9016

metallic aluminium RAL 9006



Non-standard powder-coated finish

Bespoke frame colours at a surcharge – matt, metallic 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.

Dimensions and configuration options

Single unit

Order dimensions		Overall awning width										Minimum width				
		250	300	350	400	450	500	550	600	650	700 ¹⁾	Motor			Crank handle	
		167 250	251 300	301 350	351 400	401 450	451 500	501 550	551 600	601 650	651 700					
H	150											181	167	—	184	170
	200	2)										231	218	—	234	221
	250	—	2)									281	268	—	284	271
	300	—	—	2)								331	318	—	334	321
	350	—	—	—	2)					1) 2)		381	368	566	384	371
	400 ^{1) 3)}	—	—	—	—	2)				2)		431	418	640	—	—

dimensions in cm

1) = only available with motor drive (surcharge)!

2) = observe the minimum widths!

3) = drop valance not available

H = projection

 = 2 folding arms, 2 brackets = 2 folding arms, 4 brackets = 3 folding arms, 5 brackets, 1 rolltex bearing = 2 standard arms = 2 bespoke arms (surcharge) = 3 standard arms

Operation

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

Coupled Awning (only with motor drive) ¹⁾

2 fields, 1 motor, maximum width 1390 cm
3 fields, 1 motor, maximum width 1950 cm
maximum projection (depending on the width) 400 cm
junction roller
optionally with a one-piece cover (maximum 2 fields / width 1386 cm / 15° pitch)

1) N.B! – Important background information can be found in the chapter “General Information”, in the section “Coupled Awnings”.

Awning cover	fabric range no.	standard	optional
sunvas	301.. / 309..–315..	✓	—
perla	370 ..	—	✓
sunsilk	324.. / 325.. / 328.. / 369..	✓	—
perla FR	374.. / 375..	—	✓
perfotex	331.. / 332..	—	—
transolair	338..	—	—
vuscreen Alu	317..	—	—
Soltis 92	92-20..	—	—
glass fibre screen	272..	—	—
valance, height 20 cm		✓	—

Shadeplus / drop valance	standard	optional
height 150 cm or 190 cm		
maximum awning projection 350 cm		
manual operation	✓	—
hard-wired motor	—	—
radio-controlled motor io, 868 MHz	—	—
radio-controlled motor RTS, 433 MHz	—	—
cover	sunvas / sunsilk / transolair / vuscreen Alu	

Optional accessories

manual drop valance
manual pitch adjustment gear
valance
aluminium coverboard
infrared heater 2000 W / 2500 W
infrared heater 2500 W with integrated radio-controlled receiver 868 MHz io
LED spotline – light bar 110 × 70 mm with 5 W LED spotlights, width 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
Halogen spotline – light bar 89 mm × 40 mm with 20 W halogen spotlights, 200 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 brackets

wall bracket 100 mm	71664.
face fixture bracket 60 mm	71665.
spreader plate A 430 × 160 × 12 mm	75326.
spreader plate B 300 × 400 × 12 mm	75325.
stand-off bracket wide 80–300 mm	77968.
stand-off bracket narrow 80–300 mm	77967.
top fixture bracket 90 mm	71666.
top fixture bracket 60 mm	71667.
eaves fixture bracket 90 mm, 150 mm plate	71612.
eaves fixture bracket 90 mm, 270 mm plate	71659.
flat plate and angled bracket for eaves fixture, machine finish, 500 mm plate	716620
spreader plate 260 × 60 × 12 mm for eaves fixture bracket	75383.
angled profile for eaves fixture 100 × 100 × 10 mm, machine finish aluminium, undrilled, by the metre (max. 3 m)	79380.

Pitch adjustment gear

Ideal for providing more solar shading on your balcony

Available in awnings with two folding arms and a maximum projection of 300 cm. When extended the crank handle allows you to change the pitch quite easily and noiselessly in a range between 4° and 54° or 35° and 85° (needs to be entered at the time of order).

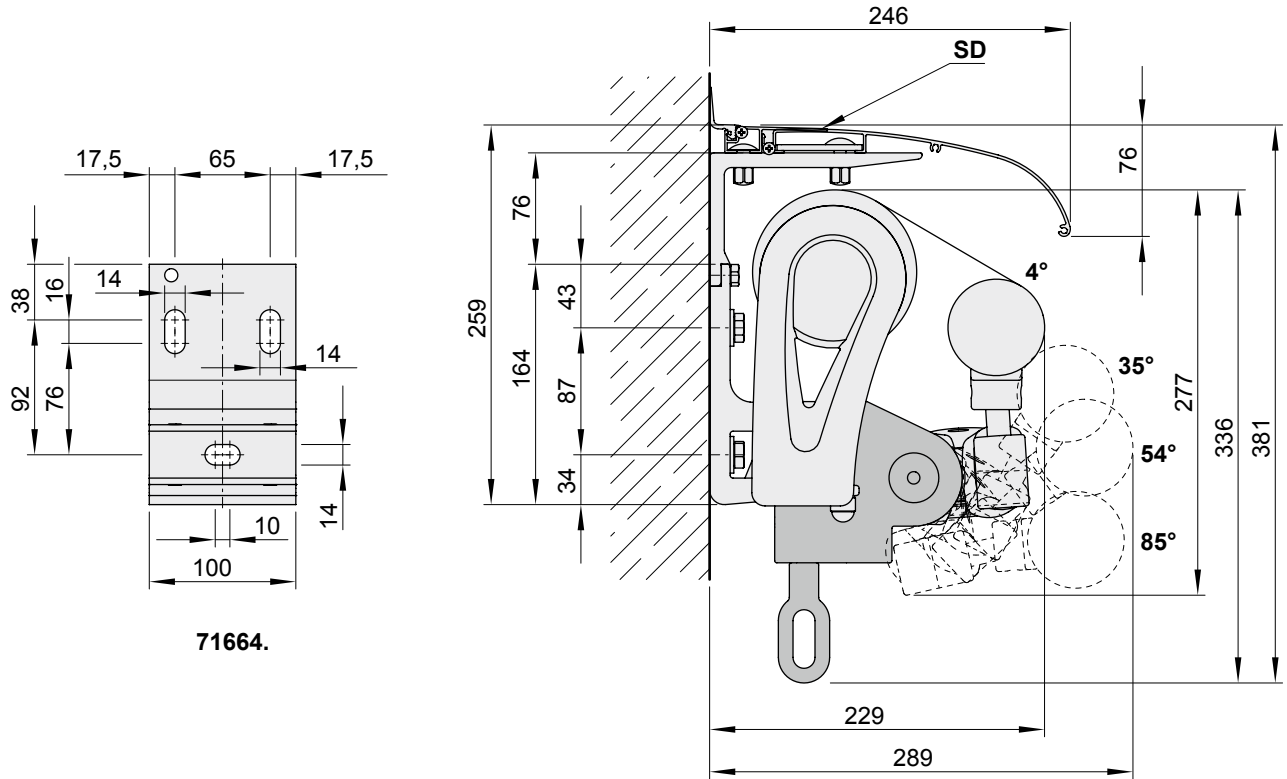
The gearbox operation eye can be fitted to either the left or right arm without a problem on site. All the components needed to adjust the pitch of the awning are hidden away inside the torque bar and so protected from the elements.

By virtue of the integrated pitch adjustment option, the arms can be effortlessly levelled. The pitch adjustment gear is supplied in white with white awnings and in black with any other colour.

Attention! The inclination adjustment drive must only be operated when the awning is extended. Any adjustment with the awning retracted results in malfunctions!

Minimum width for awnings with pitch adjustment gear				
Awning with standard arms			Awning with bespoke arms	
H	150	200	200	
	200	250	238	
	250	300	288	
	300	350	338	

dimensions in cm

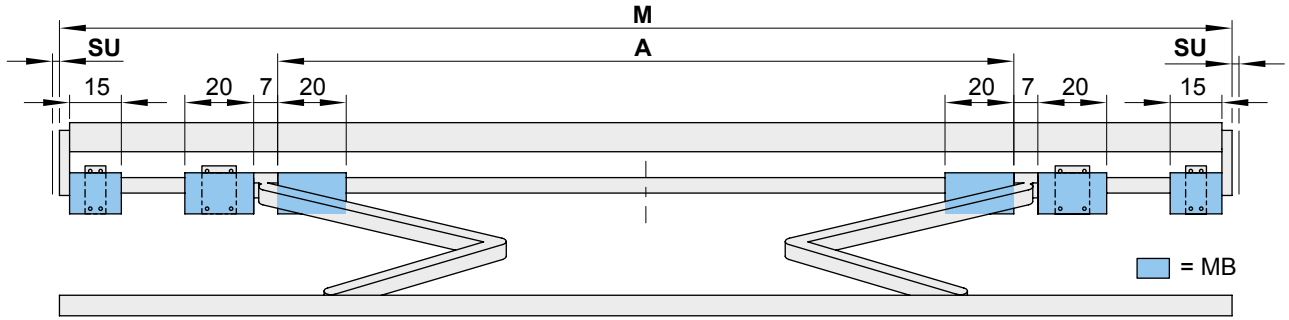


- 71664. = wall bracket 100 mm
- H = order dimension = projection
- SD = aluminium coverboard

dimensions in mm

Bracket fixture range

Awning with 2 folding arms



dimensions in cm

Order dimensions		Overall awning width								
		250	300	350	400	450	500	550	600	650
		167	251	301	351	401	451	501	551	601
		250	300	350	400	450	500	550	600	650
		Arm position A								
H	150	156 ¹⁾	206	240	275	310	345	375	415	450
	200	206 ²⁾	206 ¹⁾	240	275	310	345	375	415	450
	250	—	256 ²⁾	256 ¹⁾	275	310	345	375	415	450
	300	—	—	306 ²⁾	306 ¹⁾	310	345	375	415	450
	350	—	—	—	356 ²⁾	356 ¹⁾	375	375	415	—
	400	—	—	—	—	406 ²⁾	406	406	415	—

dimensions in cm

		BHT	No. of brackets No. of fixing points	
W	60	—	2 4	
	100	2 6	2 6	
BP		A 2 16	B 2 8	A 2 16 B 2 8
DP		—	2	
DE	60	—	2 4	
	90	2 8	2 8	
DA	90	2 8	4 16	

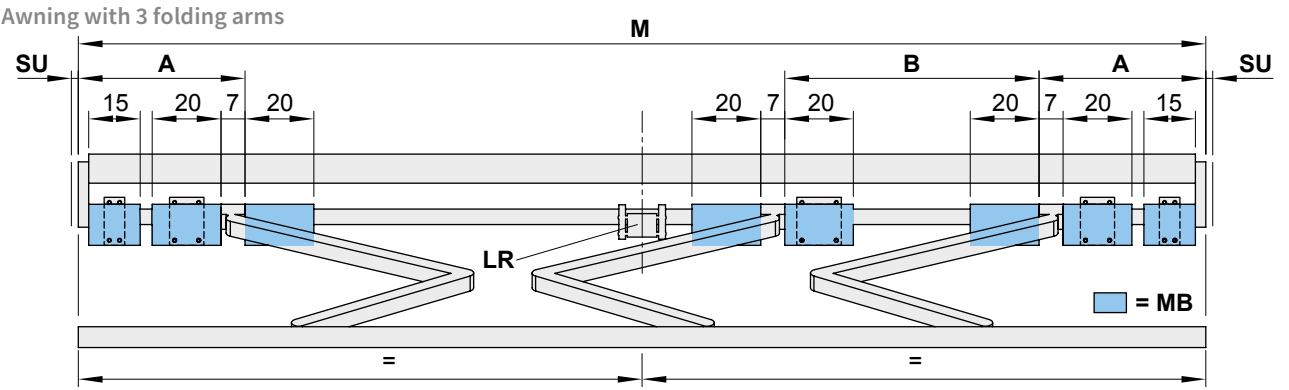
If the brackets cannot be positioned in accordance with this table, make sure the actual measurements are noted on the order form!

dimensions in mm

- 1) = coupled awning in intermediate widths available on request with junction roller
- 2) = please note the minimum widths! Dimension A is only valid for standard arms! Dimension A is 13 cm smaller in the case of bespoke arms. In the case of small awnings the brackets can only be fitted inside the arms, i.e. the position denoted by measurement A. Coupled units are not available with junction roller.

- A = arm position
- BHT = bracket width
- BP = spreader plate A or B, to be positioned behind the folding arm
- DA = eaves fixture bracket
- DE = top fixture bracket
- DP = spacer plate 71642, fitting area at outer brackets
- H = *order dimension* = projection
- M = *order dimension* = awning width
- MB = bracket fixture range
- SU = coverboard overhang 2 cm
- W = face fixture bracket

Bracket fixture range



		Overall awning width									
		650					700				
Order dimensions		601 613	614 650	640 650			651 693		694 700		
		Arm position									
		A	B	A	B	A	B	A	B	A	B
H	150	—	—	—	—	—	—	55	240	55	240
	200	—	—	—	—	—	—	55	225	55	225
	250	—	—	—	—	—	—	55	210	55	210
	300	—	—	—	—	—	—	55	200	55	200
	350	29 ¹⁾	180 ¹⁾	30 ¹⁾	190 ¹⁾	—	—	50	190	55	190
	400	—	—	—	—	12 ^{1) 2)}	204 ^{1) 2)}	17 ¹⁾	204 ¹⁾	30 ¹⁾	204 ¹⁾

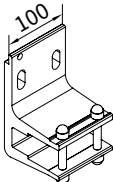
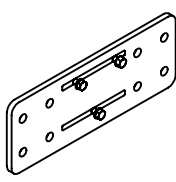
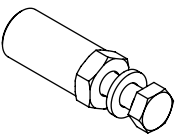
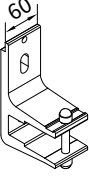
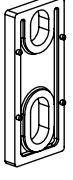
		No. of brackets No. of fixing points									
W	BHT	60	2 4								
		100	3 9								
BP			A 3 24 B 3 12								
DP			2								
DE		60	2 4								
		90	3 12								
DA		90	5 20								

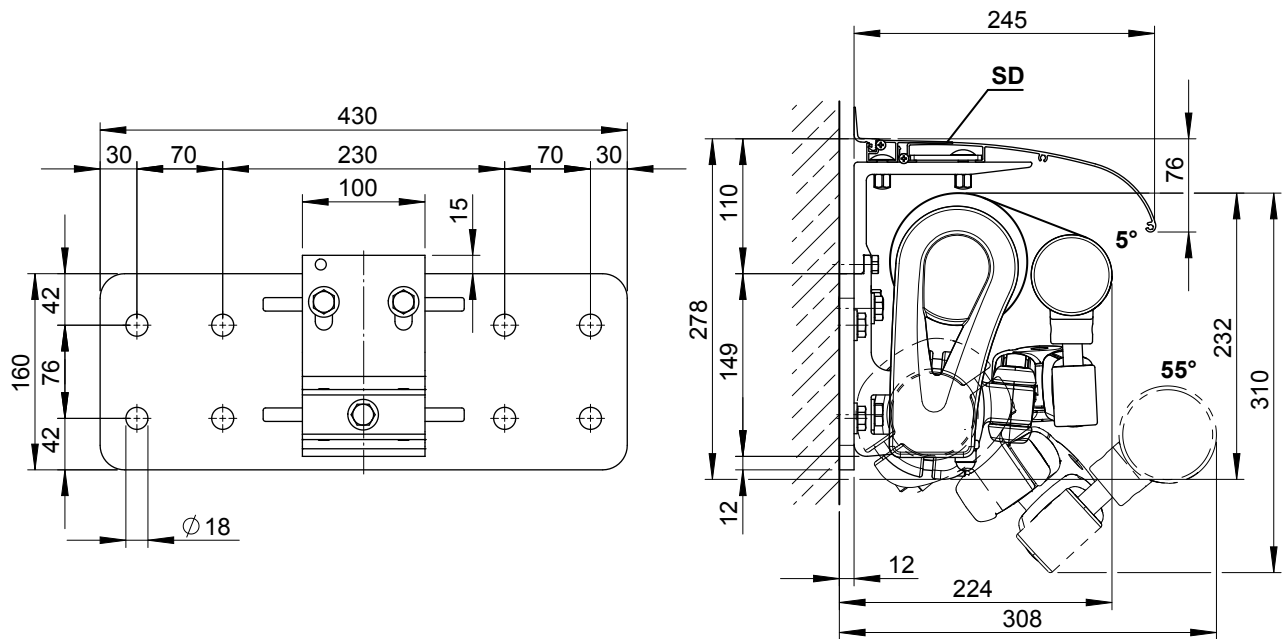
If the brackets cannot be positioned in accordance with this table, make sure the actual measurements are noted on the order form!

- 1) = coupled units are not available with junction roller.
- 2) = brackets 60 mm are not to be applied for this size
- A, B = arm position
- BHT = bracket width
- BP = spreader plate A or B, to be positioned behind the folding arm
- DA = eaves fixture bracket
- DE = top fixture bracket
- DP = spacer plate 71642, fitting area at outer brackets
- H = *order dimension* = projection
- LR = rolltex bearing
- M = *order dimension* = awning width
- MB = bracket fixture range
- SU = coverboard overhang 2 cm
- W = face fixture bracket

Face fixture with spreader plate A

Fixtures, fittings and accessories

 face fixture bracket 100 mm 71664.	 spreader plate A face fixture 430 × 160 × 12 mm 75326.	 bolt reduction assembly pack 10 pcs M 16 → M 12 M 16 → M 10 M 12 → M 10 M 10 → M 10
 face fixture bracket 60 mm 71665.	 spacer plate for face fixture 60 × 140 × 12 mm 71642.	

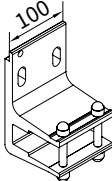
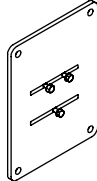
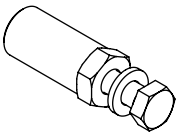
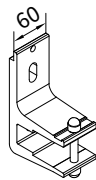


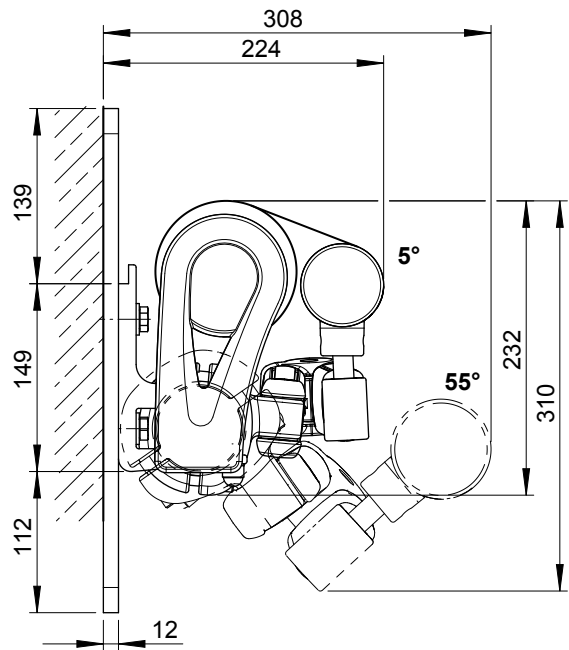
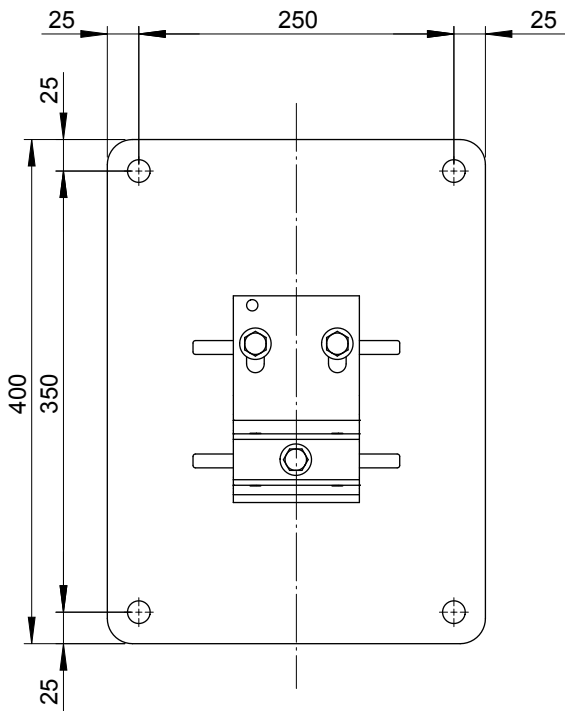
SD = aluminium coverboard

dimensions in mm

Face fixture with spreader plate B

Fixtures, fittings and accessories

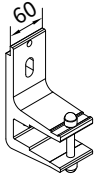
 face fixture bracket 100 mm 71664.	 Spreader plate B face fixture 300 × 400 × 12 mm 75325.	 bolt reduction assembly pack 10 pcs M 16 → M 12 M 16 → M 10 M 12 → M 10 M 10 → M 10
 face fixture bracket 60 mm 71665.	 spacer plate for face fixture 60 × 140 × 12 mm 71642.	



dimensions in mm

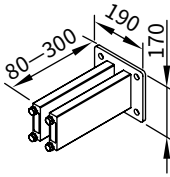
Face fixture with stand-off bracket

Fixtures, fittings and accessories



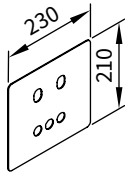
face fixture bracket
60 mm

71665.



guide rod bracket
for 2 face fixture bracket
71665.

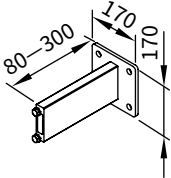
77968.



cover plate
for spacer plate
and stand-off bracket
in the case of external
insulation

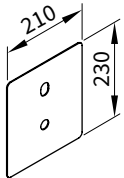
230 × 210 × 2 mm

71843.



guide rod bracket
for face fixture bracket
71665.

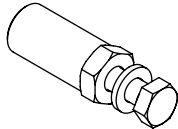
77967.



cover plate
for spacer plate
and stand-off bracket
in the case of external
insulation

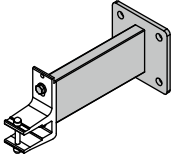
210 × 230 × 2 mm

71844.

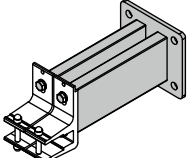


bolt reduction assembly
pack 10 pcs

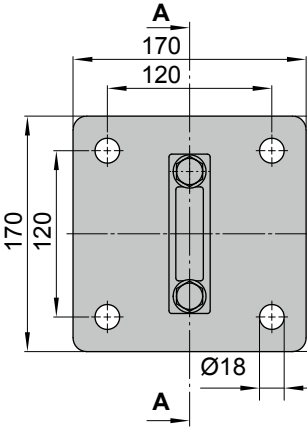
M 16 → M 12 | M 16 → M 10 | M 12 → M 10 | M 10 → M 10



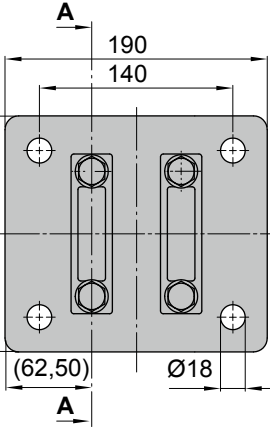
77967.



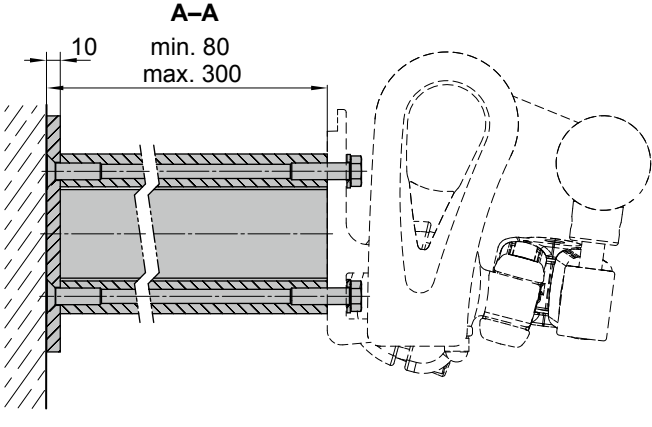
77968.



Top view of bracket 77967 showing dimensions: 170, 120, 170, 120, Ø18, and A.



Top view of bracket 77968 showing dimensions: 190, 140, 190, 140, (62,50), Ø18, and A.

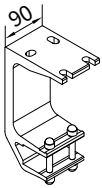


Cross-section A-A showing dimensions: 10, min. 80, max. 300, and a detailed view of the bracket assembly.

dimensions in mm

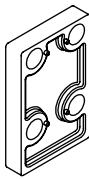
Top fixture

Fixtures, fittings and accessories



top fixture bracket
90 mm

71666.

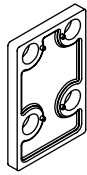


spacer plate for
top fixture

90 × 140 × 20 mm

Attention!
stack to a max. height of
200 mm

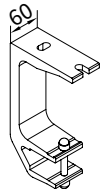
716311



spacer plate for
top fixture

90 × 140 × 12 mm

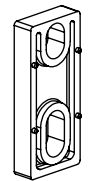
716411



top fixture bracket

additional bracket
in the case of 3 folding
arms

71667.

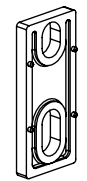


spacer plate for
top fixture

60 × 140 × 20 mm

Attention!
stack to a max. height of
200 mm

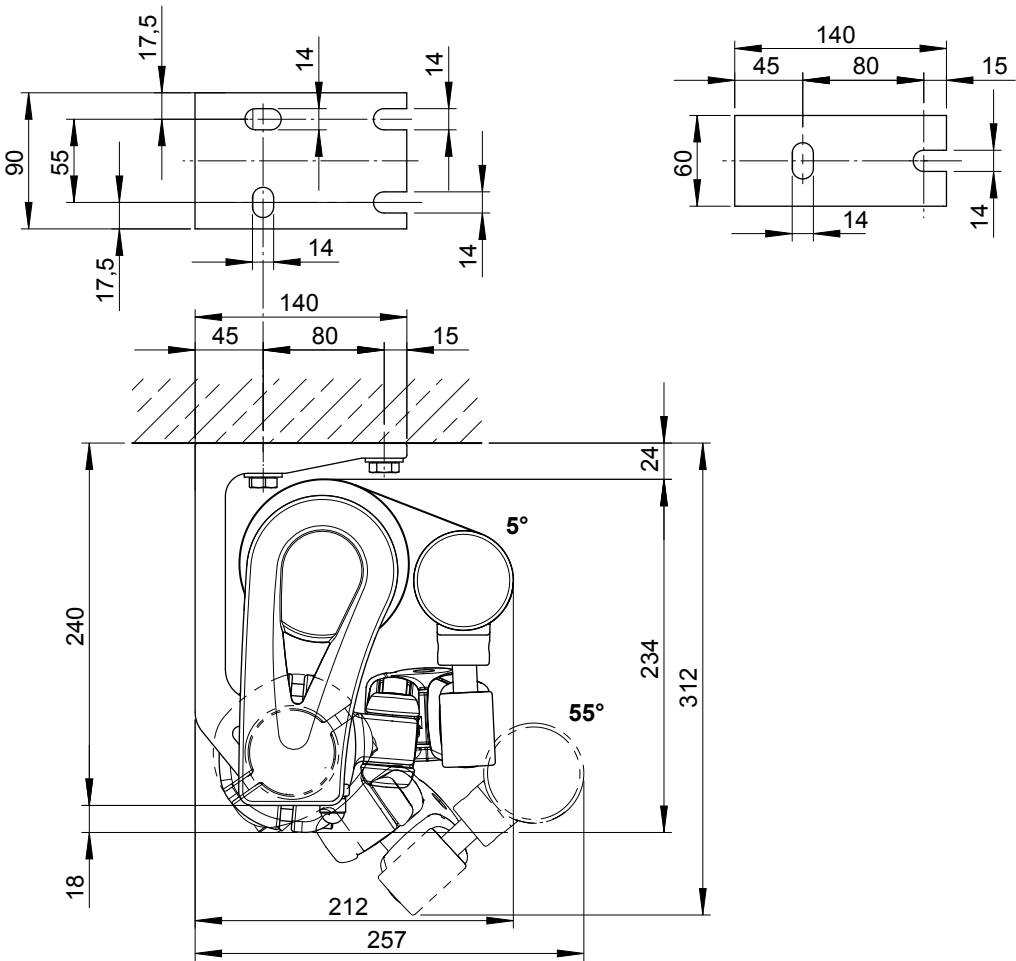
716321



spacer plate for
top fixture

60 × 140 × 12 mm

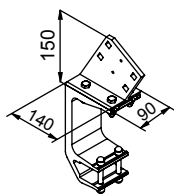
71642.



dimensions in mm

Eaves fixture

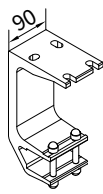
Fixtures, fittings and accessories



eaves fixture bracket

150 mm

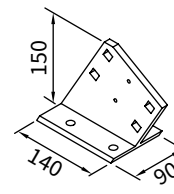
71899.



top fixture bracket

90 mm

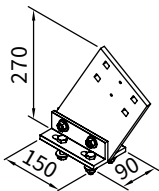
71666.



eaves fixture bracket

150 mm plate

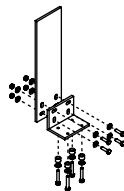
71612.



eaves fixture bracket

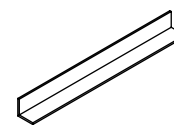
270 mm

71659.



flat plate and angled
bracket for
eaves fixture
machine finish

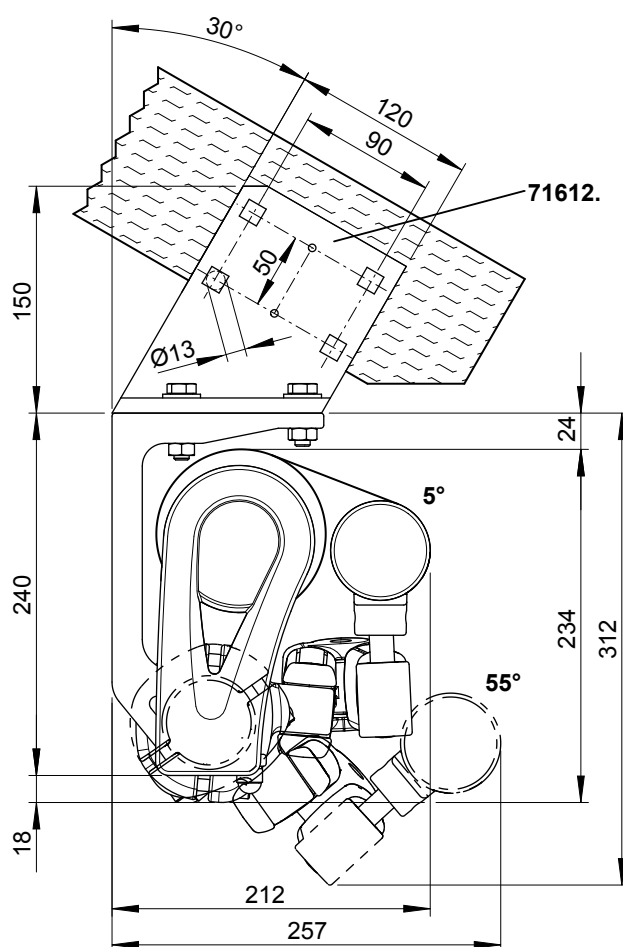
716620



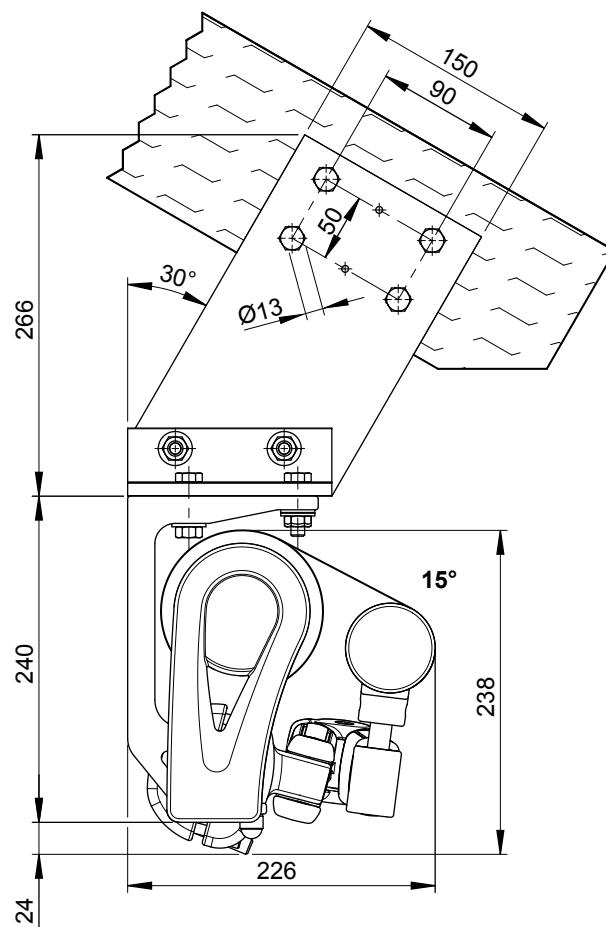
angled profile
eaves fixture bracket
100 × 100 × 10 mm
available by the metre
not pre-drilled

79380.

With eaves fixture bracket 150 mm (71612.)



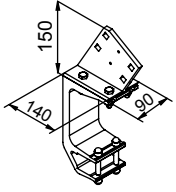
With eaves fixture bracket 270 mm (71659.)



dimensions in mm

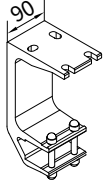
Eaves fixture with additional plate

Fixtures, fittings and accessories



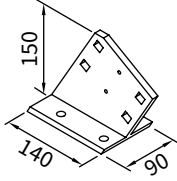
eaves fixture bracket
150 mm

71899.



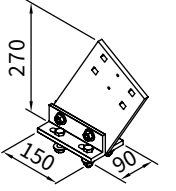
top fixture bracket
90 mm

71666.



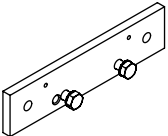
eaves fixture bracket
150 mm plate

71612.



eaves fixture bracket
270 mm

71659.

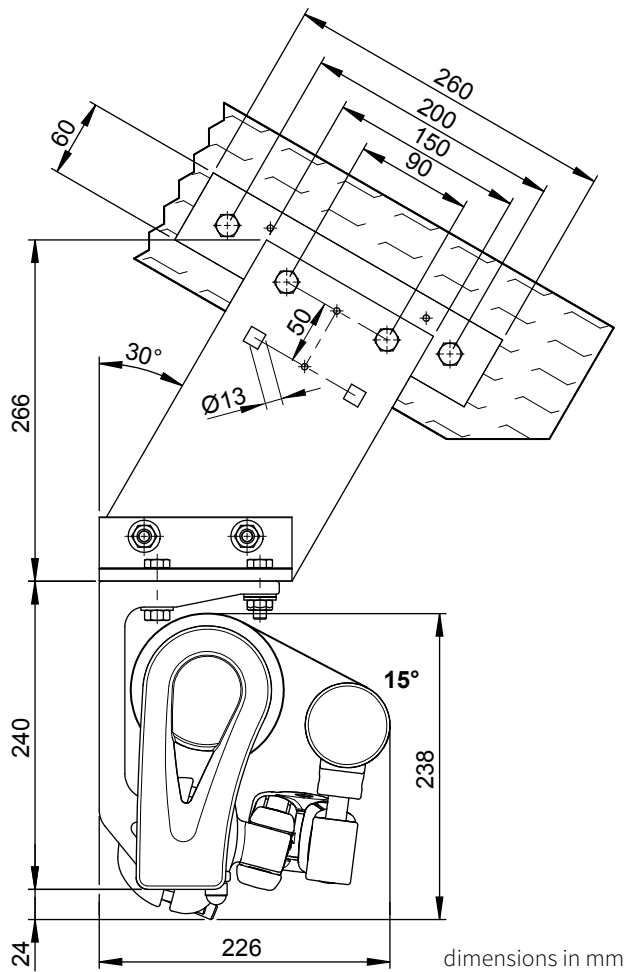
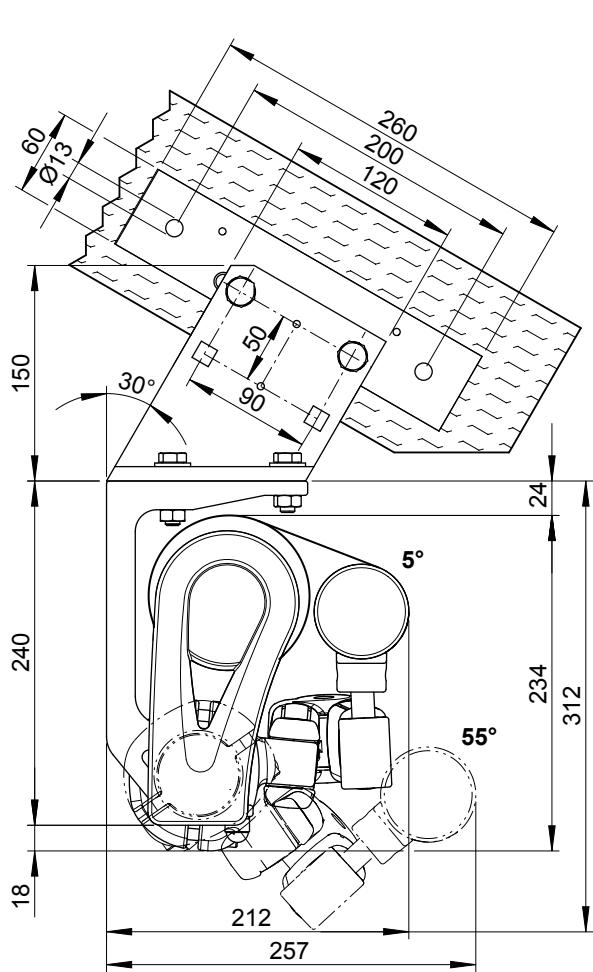


supplementary flat plate
eaves fixture
60 × 260 × 12 mm

75383.

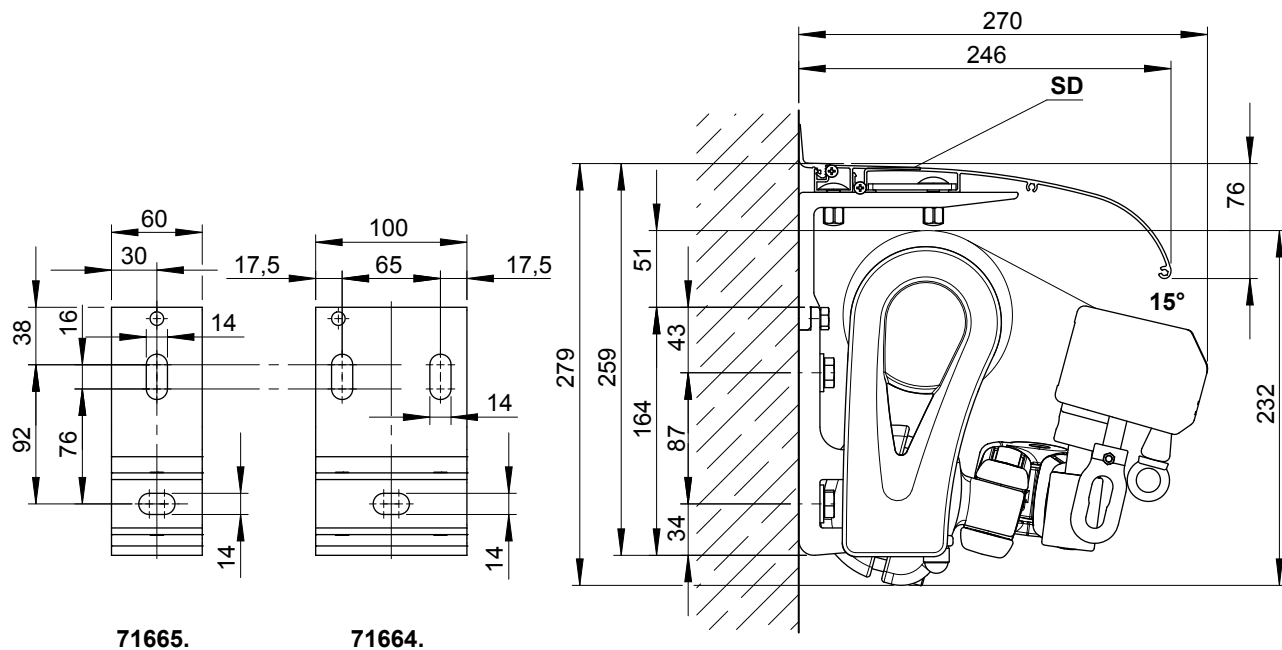
With eaves fixture bracket 150 mm (71612.)

With eaves fixture bracket 270 mm (71659.)

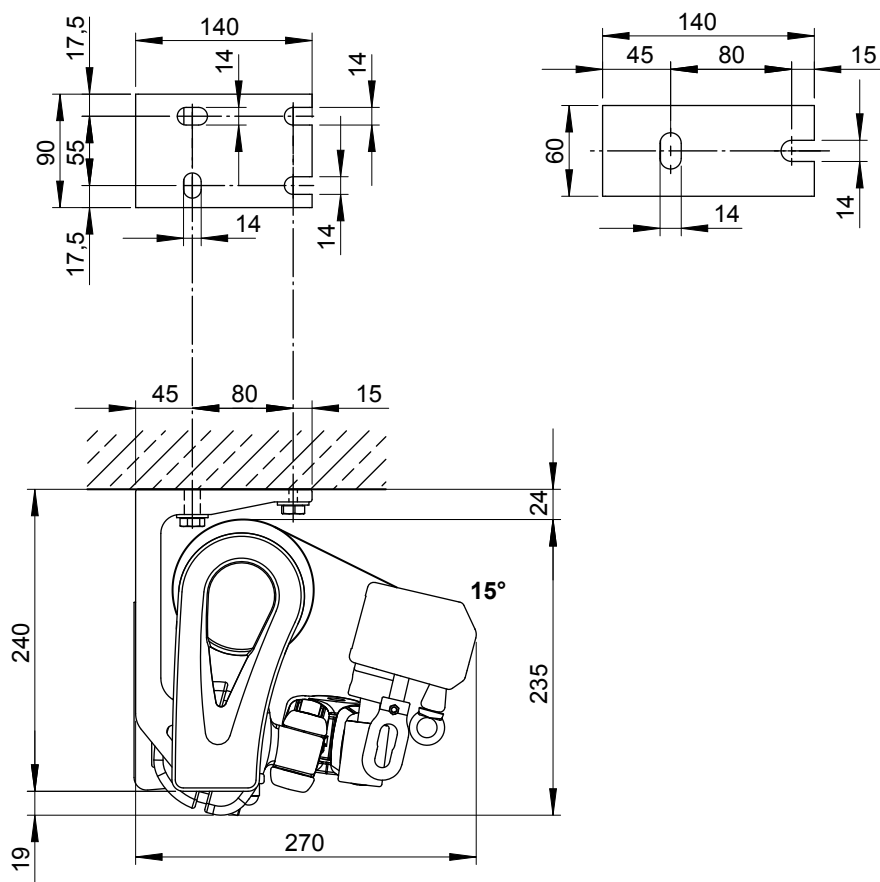


Awning with shadeplus

Face fixture

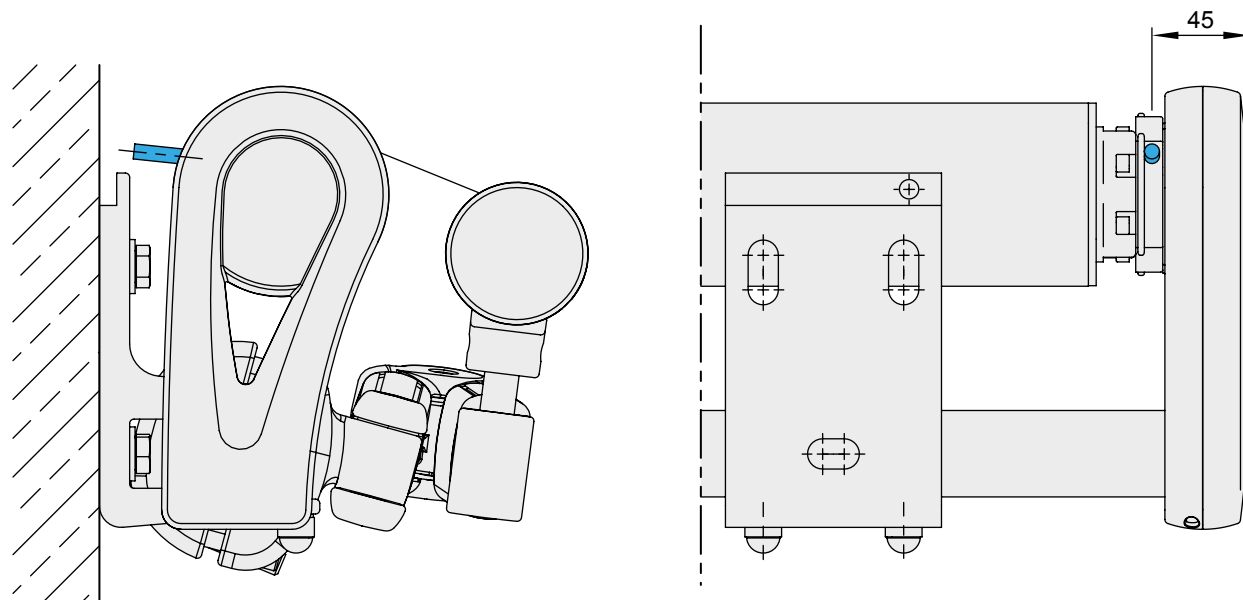
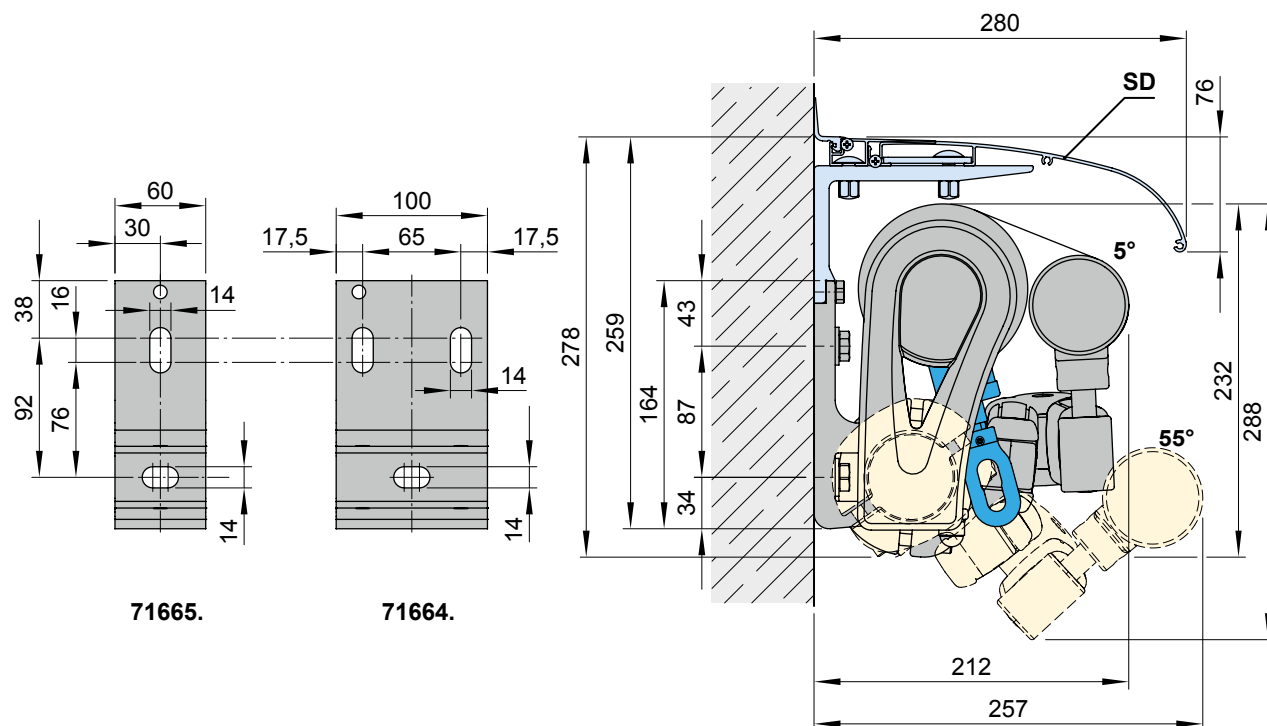


Top fixture



SD = aluminium coverboard

dimensions in mm



dimensions in mm