



Drop-arm cassette awning

markilux 730

The awning with arms that drop out and away from the building – an adornment for any window with value-added functionality.

Product Characteristics

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



face fixture

top fixture



aluminium wedge-in accro bars ¹⁾, telescopic support post height 218–320 cm

retracted closing mechanism

reveal fixture of drop arms, stainless steel gas pistons



cover split for unit width > 400 cm



1) Optional accessories

Product Characteristics

Description

- the drop-arm cassette awning tensioned by gas piston technology – for widths up to 700 cm

Special features

- fully encompassing cassette that protects the cover perfectly
- compact cassette profile that lends an attractive appearance to the unit
- attractive front profile
- optimum cover tension provided by drop arms that use high-grade stainless steel gas pistons
- sturdy drop arms with unique mechanism that enables the front profile to close tightly against the underside of the cassette
- option of wedge-in accro bars making it possible to install the awning between floor and ceiling – ideal for balconies
- front profile optionally with valance

Dimensions

- single unit: 74–700 cm in width
- maximum drop arm lengths / cover drops: 80/160 cm – 100/200 cm – 120/250 cm – 150/250 cm
- intermediate sizes are available

Roller tube and lateral bearings

- round roller tube Ø 63 mm with keyway, galvanised steel
- the roller tube bearing is made of stainless steel

Awning profiles

- extruded aluminium, in façade quality, powder coated
- cassette profile in one piece, angular, height × depth 95 mm × 95 mm
- front profile angular, height × depth 40 mm × 50 mm

Drop arms

- u-shaped profile, width × profile depth 25 mm × 32 mm, attractively rounded, extruded aluminium, powder coated
- maximum angle of drop 140°
- excellent tension provided by marine grade stainless steel V4A gas pistons, pressure 580 N

End caps

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

Fixture brackets

- extruded aluminium, powder coated
- cassette brackets: face fixture, top fixture, reveal fixture
- brackets for the drop arms: face fixture, reveal fixture
- other accessories are available

Frame 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	
		100	150	200	250	300	350	400	450	500	550	600	650	700	Hard-wired motor	Radio-controlled motor
		50 100	101 150	151 200	201 250	251 300	301 350	351 400	401 450	451 500	501 550	551 600	601 650	651 700		
AL	80 ¹⁾														75	74
	100 ²⁾															
	120 ³⁾															
	150 ³⁾															

dimensions in cm

1) = cover length 160 cm

2) = cover length 200 cm

3) = cover length 250 cm

A = arm length

 = 2 brackets, 2 drop arms

 = 3 brackets, 2 drop arms

 = 3 brackets, 3 drop arms,
1 nylon support bearing (split cover)

Operation

	standard	optional
crank handle, outside	✓ ¹⁾	—
crank handle, at the rear	—	✓ ¹⁾
crank handle, internal operation	—	✓ ¹⁾
hard-wired motor	—	✓
radio-controlled motor io, 868 MHz	—	✓
radio-controlled motor RTS, 433 MHz	—	✓

1) Up to a maximum awning width of 400 cm

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..	—	✓
perfortex	331.. / 332..	✓	—
transolair	338..	—	✓
transolair (120 cm)	339..	—	✓
vuscreen Alu	317..	—	✓
Soltis Perform 92	92..	—	✓
glass fibre screen Serge 600	272..	—	✓
valance, height 20 cm		—	✓

Optional accessories

aluminium wedge-in accro bars

valance

automatic controls (light, wind, rain)

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

01	sunvas transolair perla FR	Fabric pattern 309.. – 315.. 339.. 371.. / 372.. Fabric width 120 cm		smart art sunsilk	340.. 324.. / 328.. / 369..									
02	Awning width													
03	AL	100	150	200	250	300	350	400	450	500	550	600	650	700
80														
100														
120														
		150												

		Fabric pattern 31008.. ¹⁾ , -09 ¹⁾ , -13, -16, -18, -25, -27, -28, -31, -36, -37, -57, -58, 31109, -14, -17												
		Fabric width 250 cm												
		Awning width												
		100	150	200	250	300	350	400	450	500	550	600	650	700
AL	80													
	100													
	120													
	150													

1) also available in fabric width 320 cm – then seamless

		Fabric pattern 411.. - 427..												
		Fabric width 120 cm												
		Awning width												
		100	150	200	250	300	350	400	450	500	550	600	650	700
AH	80													
	100													
	120													
	150													

Note: The maximum width of the outer panels in tracfix systems with vertical panel joints is 35 cm

= vertical panel joints
(panel width approx. 120 cm)

= seamless

= horizontal panel joint(s)

= not available

A = arm length

Dimensions in cm

transolair Fabric pattern 338..
Fabric width 250 cm

		Awning width												
		100	150	200	250	300	350	400	450	500	550	600	650	700
AL	80													
	100													
	120													
	150													

perfortex Fabric pattern 331.. / 332..
Fabric width 120 cm

		Awning width												
		100	150	200	250	300	350	400	450	500	550	600	650	700
AL	80													
	100													
	120													
	150													

vuscreen Alu Fabric pattern 317..
Fabric width 252 cm

		Awning width												
		100	150	200	250	300	350	400	450	500	550	600	650	700
AL	80													
	100													
	120													
	150													

glass fibre screen Serge 600 Fabric pattern 272..
Fabric width 250 cm

		Awning width												
		100	150	200	250	300	350	400	450	500	550	600	650	700
AL	80													
	100													
	120													
	150													

Note: The maximum width of the outer panels in tracfix systems with vertical panel joints is 35 cm

= vertical panel joints
 (panel width approx. 120 cm)
 = seamless
 = not available
 = horizontal panel joint(s)
 A = arm length

Dimensions in cm

Soltis Veozip (not available) Fabric pattern 511..
Fabric width 290 cm

		Awning width												
		100	150	185	250	300	350	400	450	500	550	600	650	700
AL	80													
	100													
	120													
	150													

Soltis Perform 92 Fabric pattern. 92-..
Fabric width 177 cm

		Awning width												
		100	150	185	250	300	350	400	450	500	550	600	650	700
AL	80													
	100				2)	2)	2)	2)	2)	2)	2)	2)	2)	2)
	120													
	150													

2) horizontal seam from cover length 173 cm

Note: The maximum width of the outer panels in tracfix systems with vertical panel joints is 35 cm

 = vertical panel joints
(panel width approx. 120 cm)

 = seamless
 = horizontal panel joint(s)

 = not available
AH = unit height

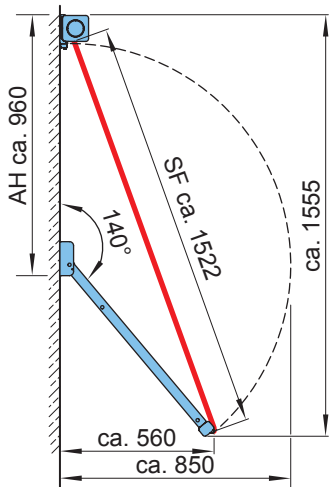
1) = optional

dimensions in cm

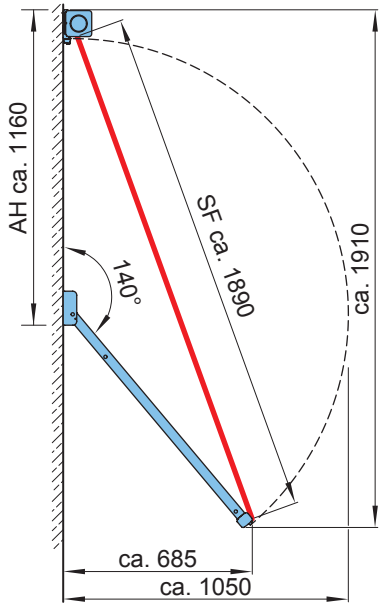
Window coverage

On the basis of the standard arm lengths

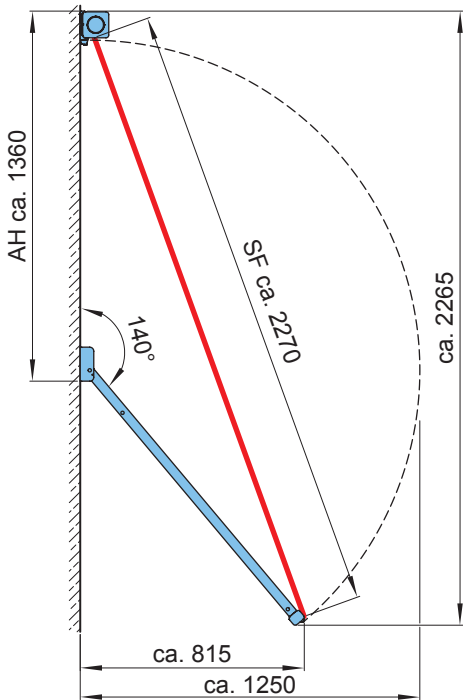
Arm length: 80 cm
Cover length: 160 cm



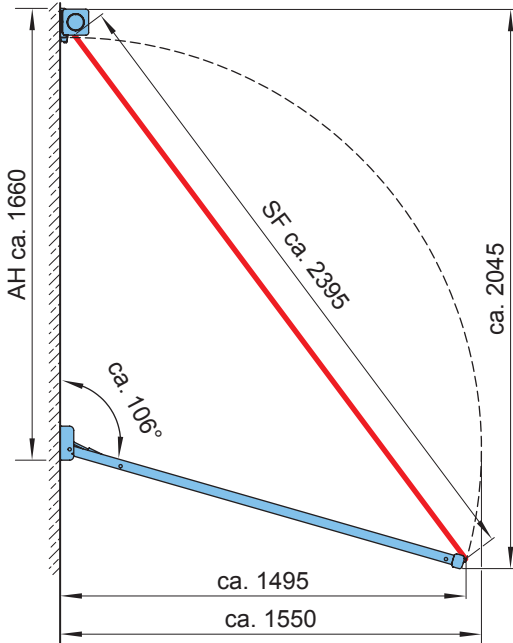
Arm length: 100 cm
Cover length: 200 cm



Arm length: 120 cm
Cover length: 250 cm



Arm length: 150 cm
Cover length: 250 cm

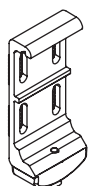


AH = unit height
SF = visible cover

dimensions in mm

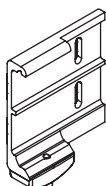
Fixtures, fittings and accessories

Accessories



face fixture bracket
50 mm

78797.

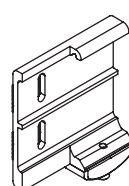


face fixture bracket with
fishplate for lateral
fixture, right

N.B! not for the
operation side:

- interior operation
- operation from the rear

78920.

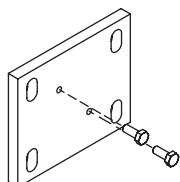


face fixture bracket with
fishplate for lateral
fixture, left

N.B! not for the
operation side:

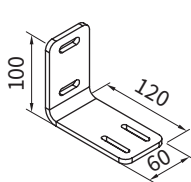
- interior operation
- operation from the rear

78921.



spreader plate
120 × 100 × 10 mm

78982.

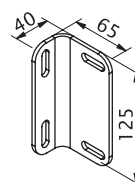


additional angled
bracket for reveal
fixture

100 × 120 × 60 mm

please order additional
accessories 792931!

77220.



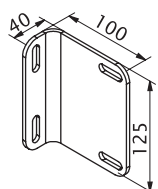
additional angled
bracket for lateral arm
fixture - reveal fixture

65 × 40 × 125 mm

bearing / motor side

please order additional
accessories 793151!

78912.



additional angled
bracket for lateral arm
fixture - reveal fixture

100 × 40 × 125 mm

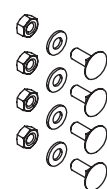
please order additional
accessories 793151!

78913.



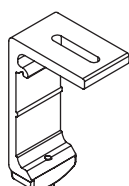
accessories
for two angled brackets
77220. or 78565.

792931



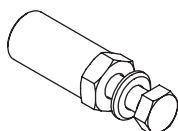
accessories
for two angled
brackets 78912. or
78913.

793151



top fixture bracket
50 mm

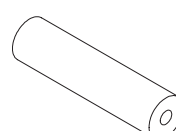
78859.



reduction bolt
M 10 → M 6 / SW 13

pack 10 pcs

753211



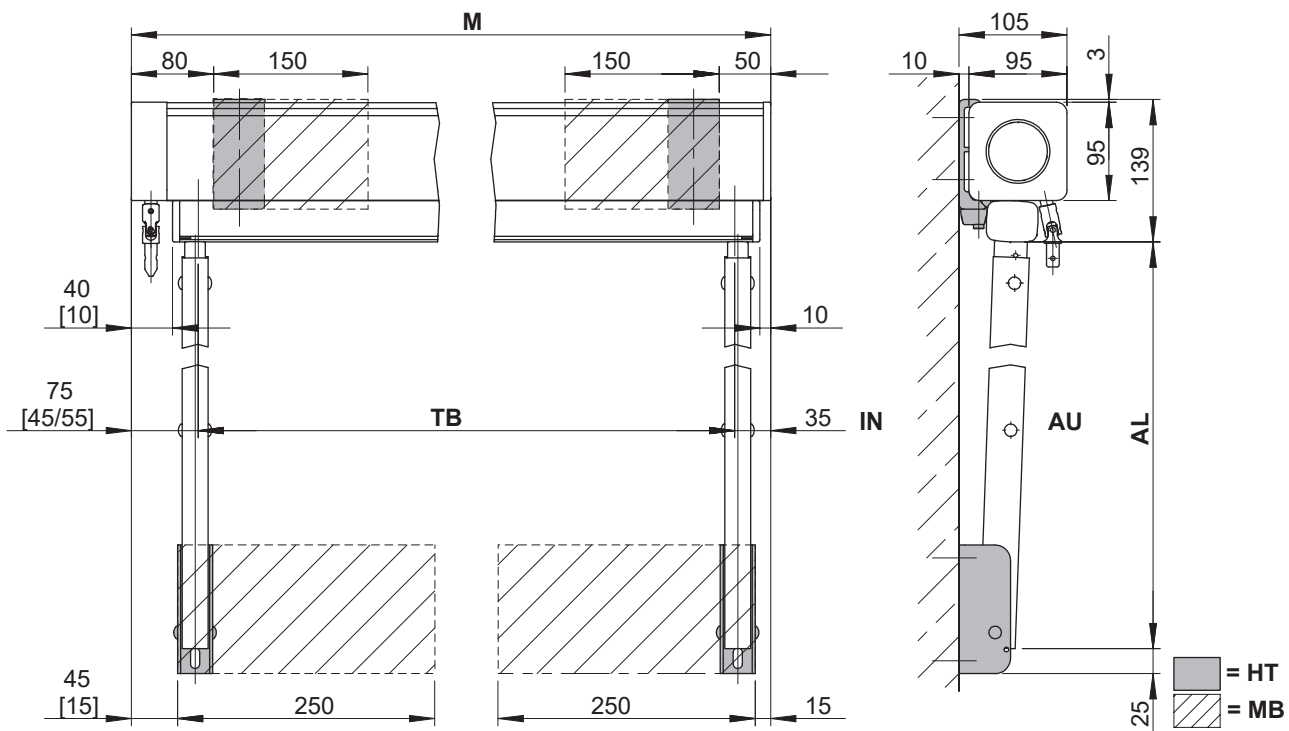
stand-off fixing tube
30 × 10 × 1000 mm

N.B.!

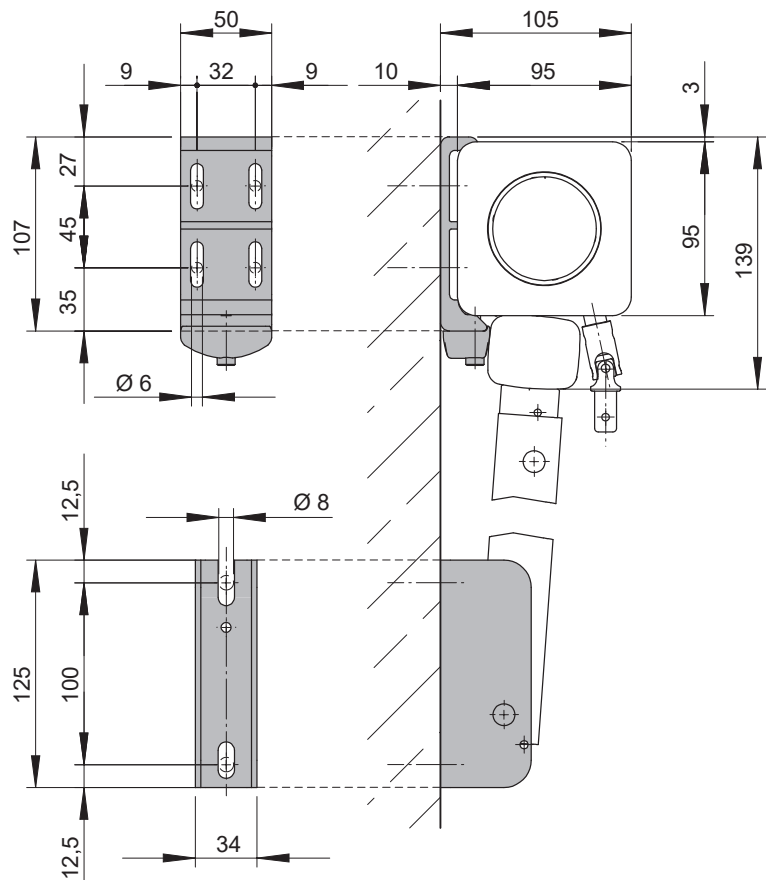
Stack to a max. height
of 120 mm

701668

Overview of dimensions



Face fixture



[...] = dimensions in the case of motor / interior operation (MO)

AL = **order dimension** = arm length
AU = exterior
HT = bracket

IN = interior
M = **order dimension** = overall awning width
MB = bracket fixture range
TB = cover width

dimensions in mm

Single unit with three arms, width > 400 cm



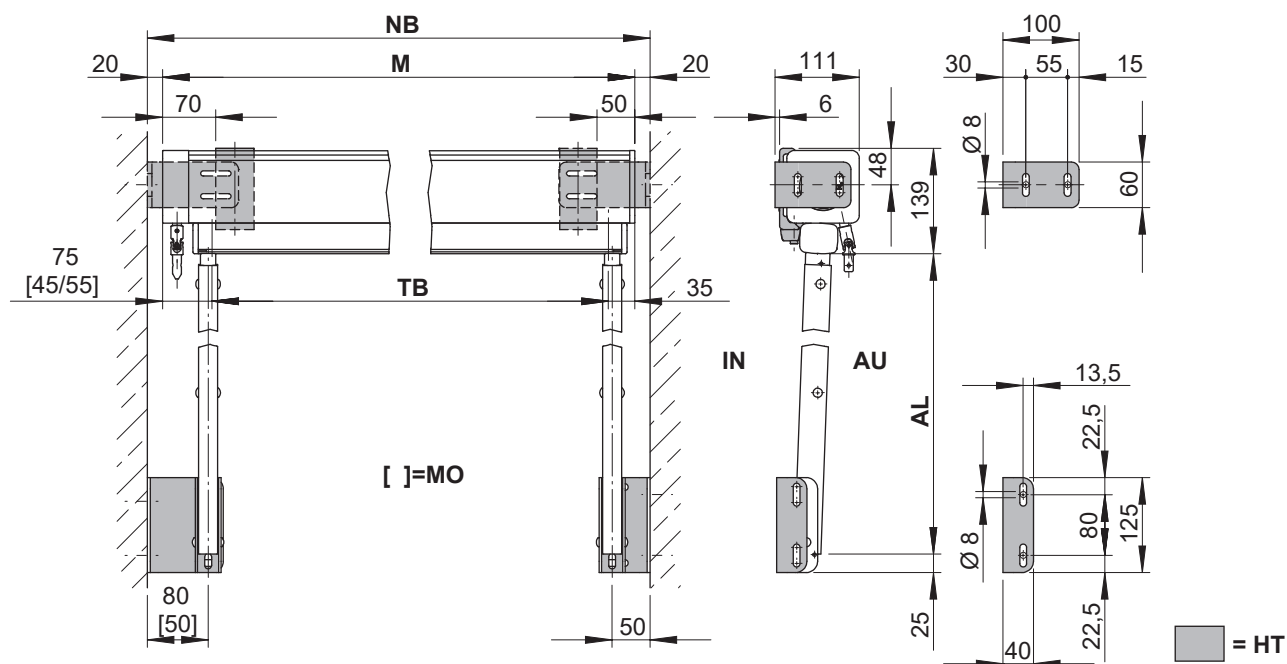
 = MT

Z = please note where the split in the cover should be when ordering (measured from the left)

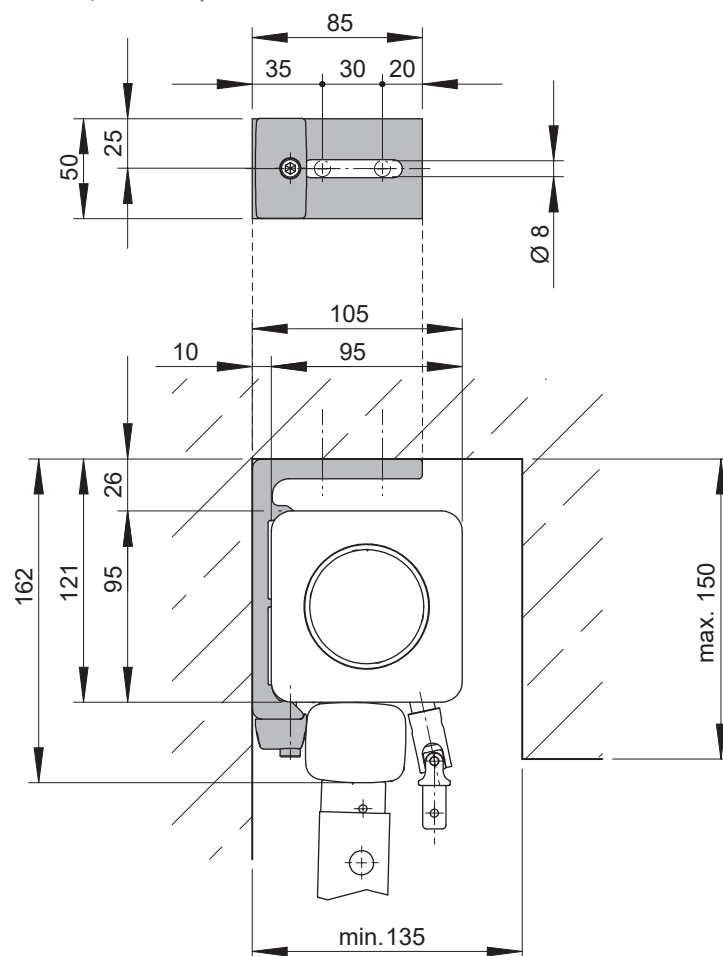
markilux.com

Reveal fixture

Manual operation or motor drive



Reveal fixture in a top window well, manual operation



[...] = dimensions in the case of motor / interior operation (MO)

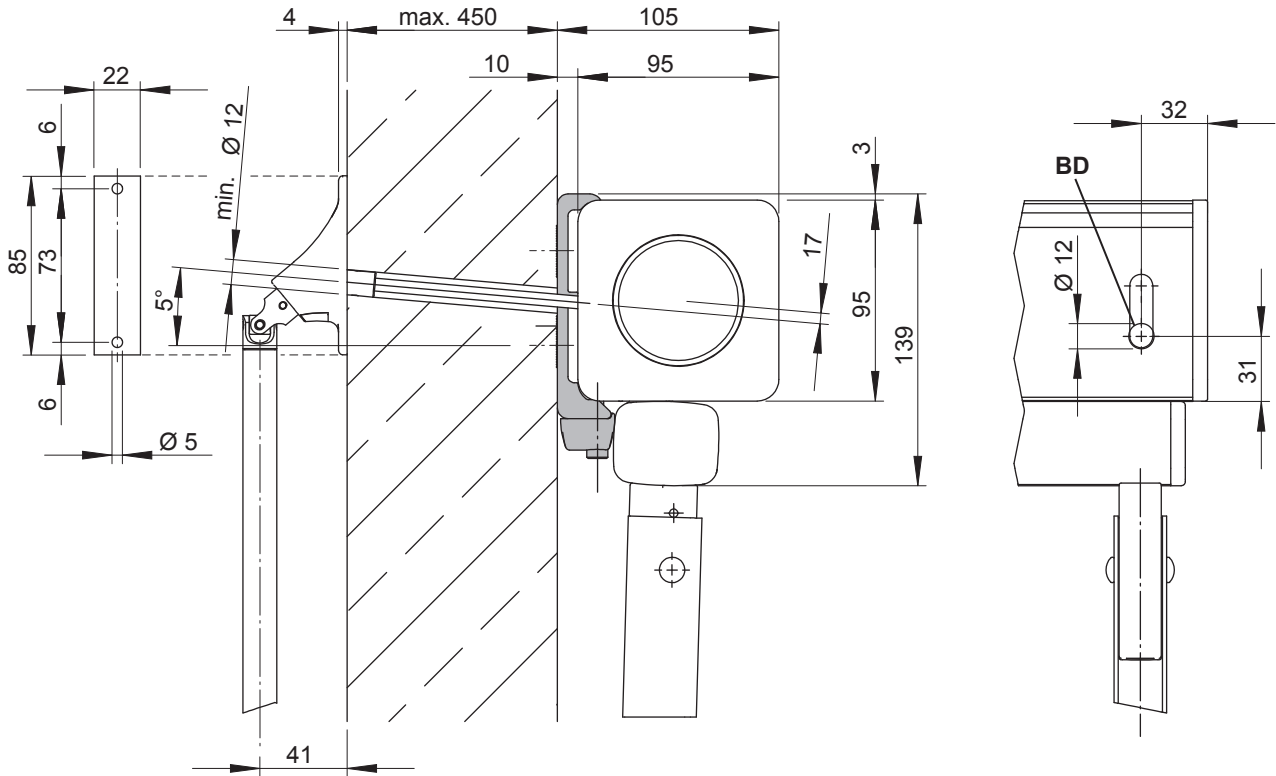
AL = **order dimension** = arm length
AU = exterior
HT = bracket

IN = interior
M = **order dimension** = overall awning width
NB = reveal width
TB = cover width

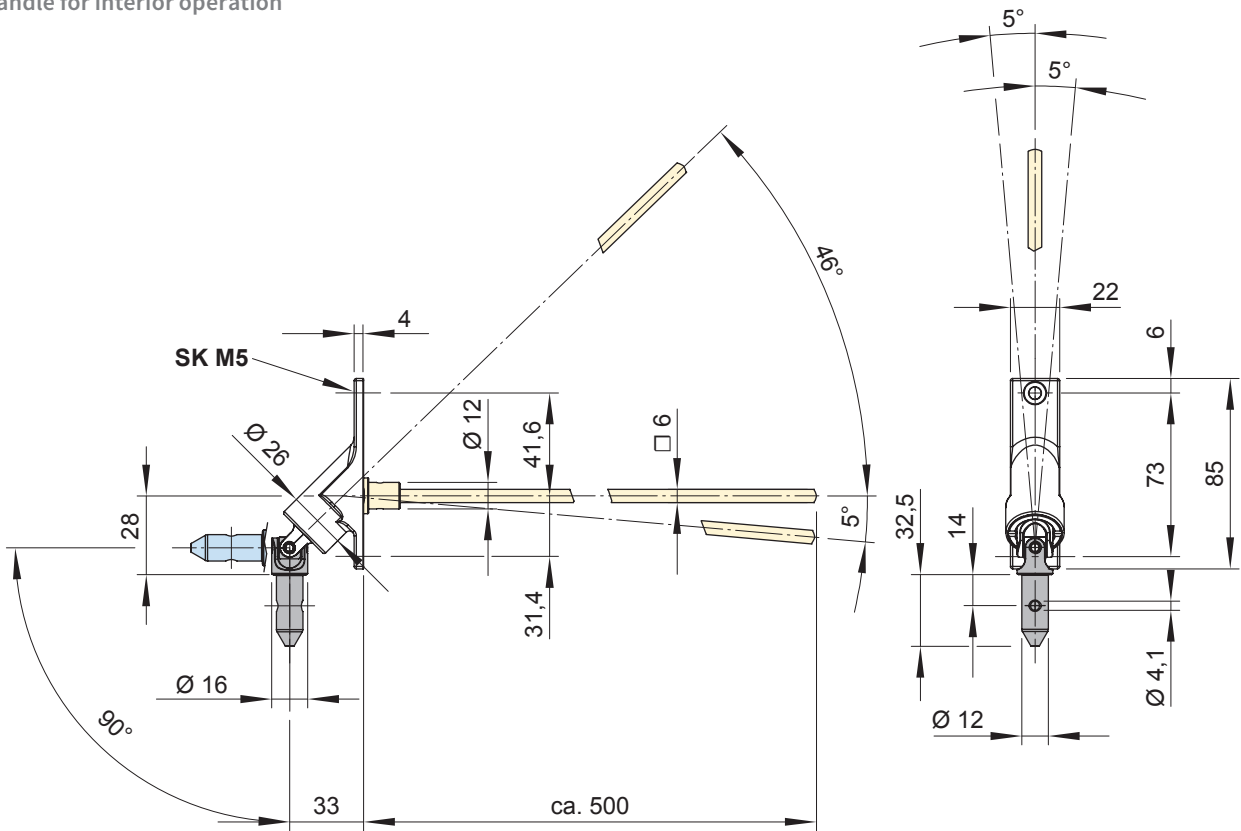
dimensions in mm

Face fixture

Manual operation with interior operation



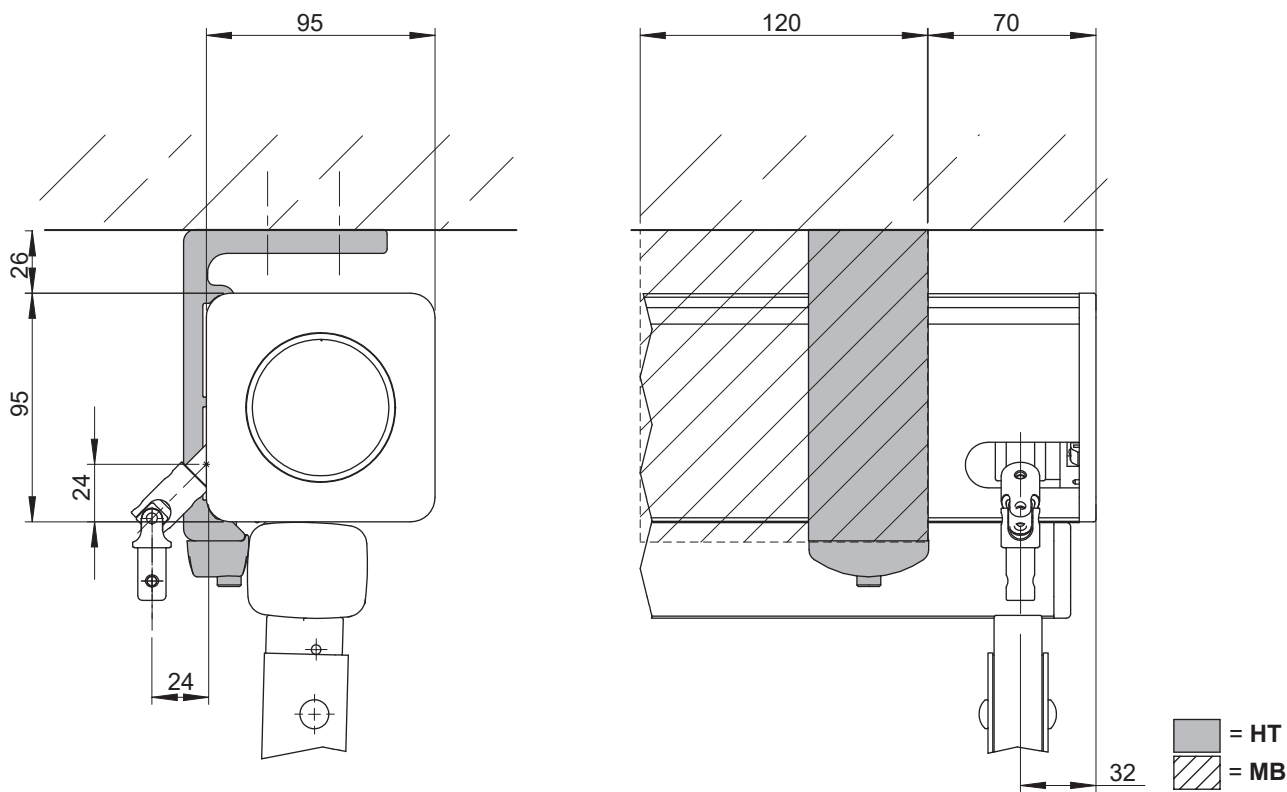
Handle for interior operation



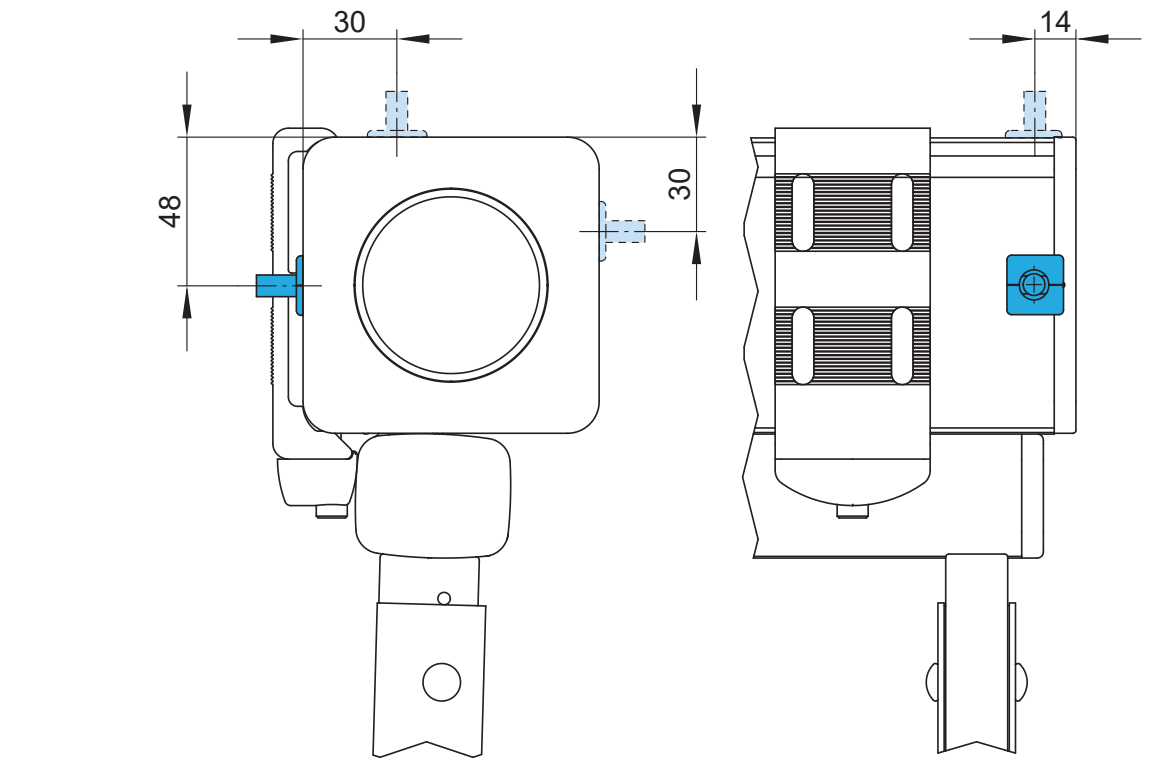
BD = horizontal drill hole
SK = countersunk srew hole

dimensions in mm

Manual operation from the rear



Motor cable exit point

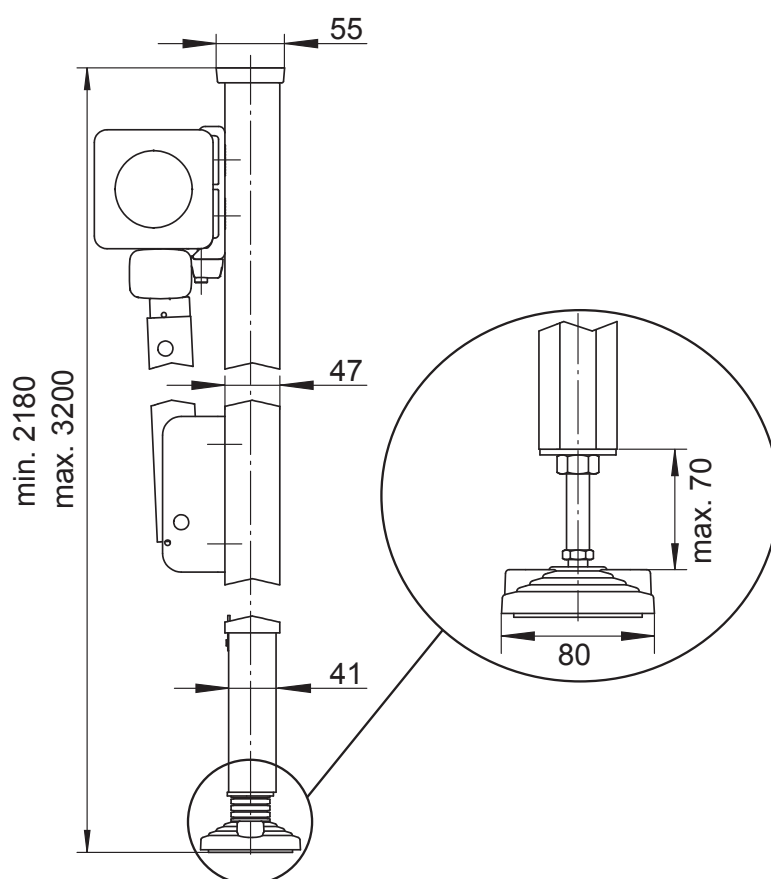


HT = bracket
MB = bracket fixture range

■ = standard
■ = optional

dimensions in mm

Aluminium wedge-in accro bars



N.B! Telescopic range 218–320 cm.

Maximum awning width 400 cm, up to 2 drop arms.

The top caps of the accro bars have to be screwed into the ceiling.