



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 <sup>1)</sup>, 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 <sup>1)</sup>



stone grey metallic, 5215 <sup>1)</sup>



anthracite metallic, 5204 <sup>1)</sup>



havana brown textured finish, 5229 <sup>1)</sup>



### 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.

<sup>1)</sup> 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<br>100    | 101<br>150 | 151<br>200 | 201<br>250 | 251<br>300 | 301<br>350 | 351<br>400 | 401<br>450 | 451<br>500 | 501<br>550 | 551<br>600 | 601<br>650 | 651<br>700 |                  |                        |
| AL               | 80 <sup>1)</sup>  |              |            |            |            |            |            |            |            |            |            |            |            |            | 75               | 74                     |
|                  | 100 <sup>2)</sup> |              |            |            |            |            |            |            |            |            |            |            |            |            |                  |                        |
|                  | 120 <sup>3)</sup> |              |            |            |            |            |            |            |            |            |            |            |            |            |                  |                        |
|                  | 150 <sup>3)</sup> |              |            |            |            |            |            |            |            |            |            |            |            |            |                  |                        |

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               | ✓ <sup>1)</sup> | —               |
| crank handle, at the rear           | —               | ✓ <sup>1)</sup> |
| crank handle, internal operation    | —               | ✓ <sup>1)</sup> |
| 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<br>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”.

**sunvas** Fabric pattern 309.. – 315..  
**transolair** 339..  
**perla FR** 371.. / 372..  
 Fabric width 120 cm

**smart art** 340..  
**sunsilk** 324.. / 328.. / 369..

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

**sunvas** Fabric pattern 31008..<sup>1)</sup>, -09<sup>1)</sup>, -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 |              |     |     |     |     |     |     |     |     |     |     |     |     |

<sup>1)</sup> also available in fabric width 320 cm – then seamless

**sunbow** 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  
 = not available  
 = horizontal panel joint(s)
 **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
  = horizontal panel joint(s)
  = not available
  = 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

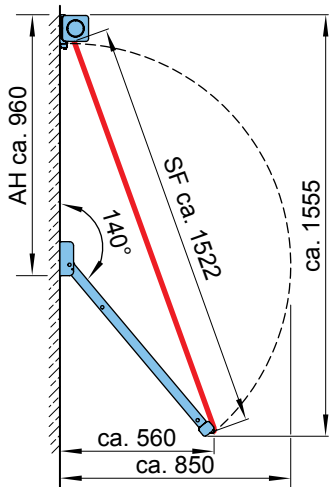
dimensions in cm



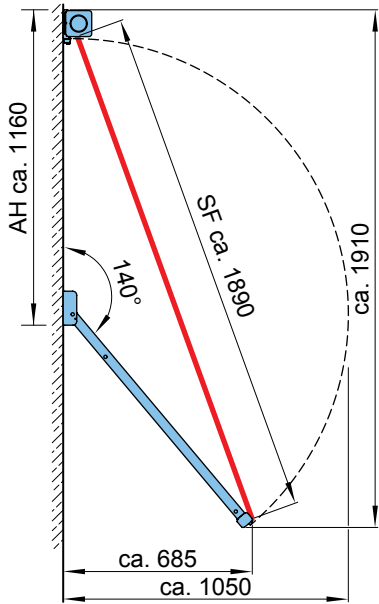
Window coverage

On the basis of the standard arm lengths

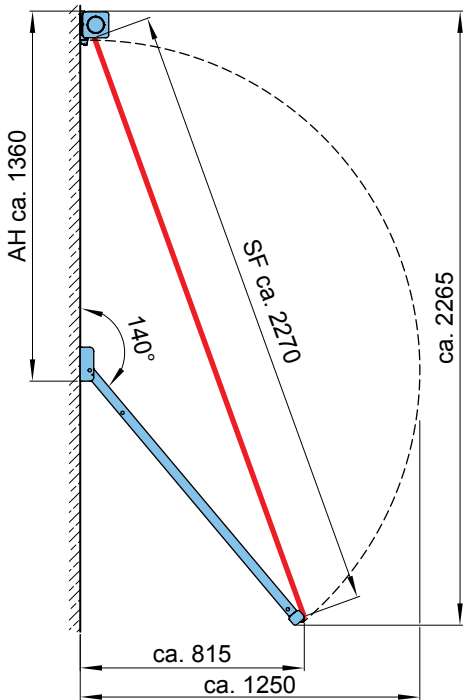
Arm length: 80 cm  
Cover length: 160 cm



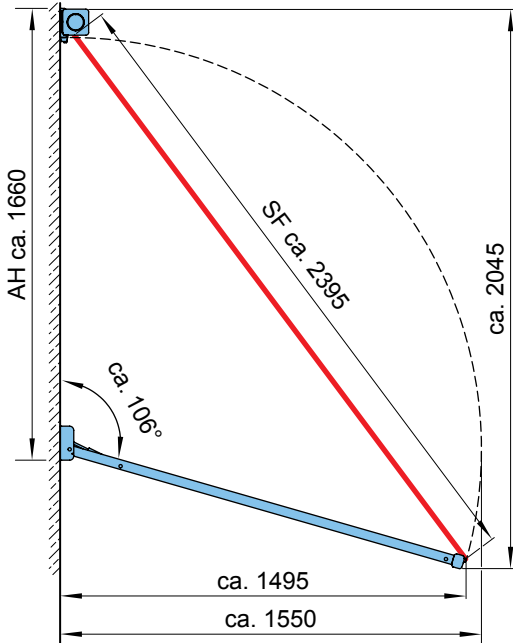
Arm length: 100 cm  
Cover length: 200 cm



Arm length: 120 cm  
Cover length: 250 cm



Arm length: 150 cm  
Cover length: 250 cm

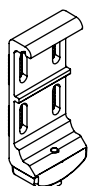


AH = unit height  
SF = visible cover

dimensions in mm

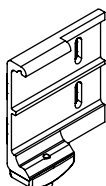
## Fixtures, fittings and accessories

### Accessories



face fixture bracket  
50 mm

**78797.**

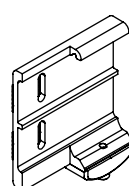


face fixture bracket with  
fishplate for lateral  
fixture, right

**N.B!** not for the  
operation side:

- interior operation
- operation from the rear

**78920.**

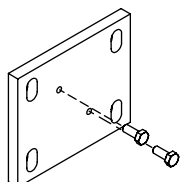


face fixture bracket with  
fishplate for lateral  
fixture, left

**N.B!** not for the  
operation side:

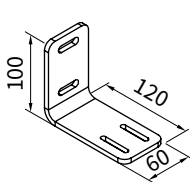
- interior operation
- operation from the rear

**78921.**



spreader plate  
120 × 100 × 10 mm

**78982.**

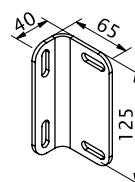


additional angled  
bracket for reveal  
fixture

100 × 120 × 60 mm

please order additional  
accessories 792931!

**77220.**



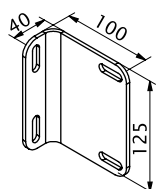
additional angled  
bracket for lateral arm  
fixture - reveal fixture

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.**



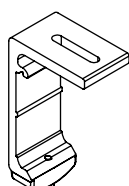
accessories  
for two angled brackets  
77220. or 78565.

**792931**



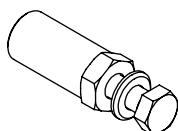
accessories  
for two angled  
brackets 78912. or  
78913.

**793151**



top fixture bracket  
50 mm

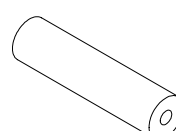
**78859.**



reduction bolt  
M 10 → M 6 / SW 13

pack 10 pcs

**753211**



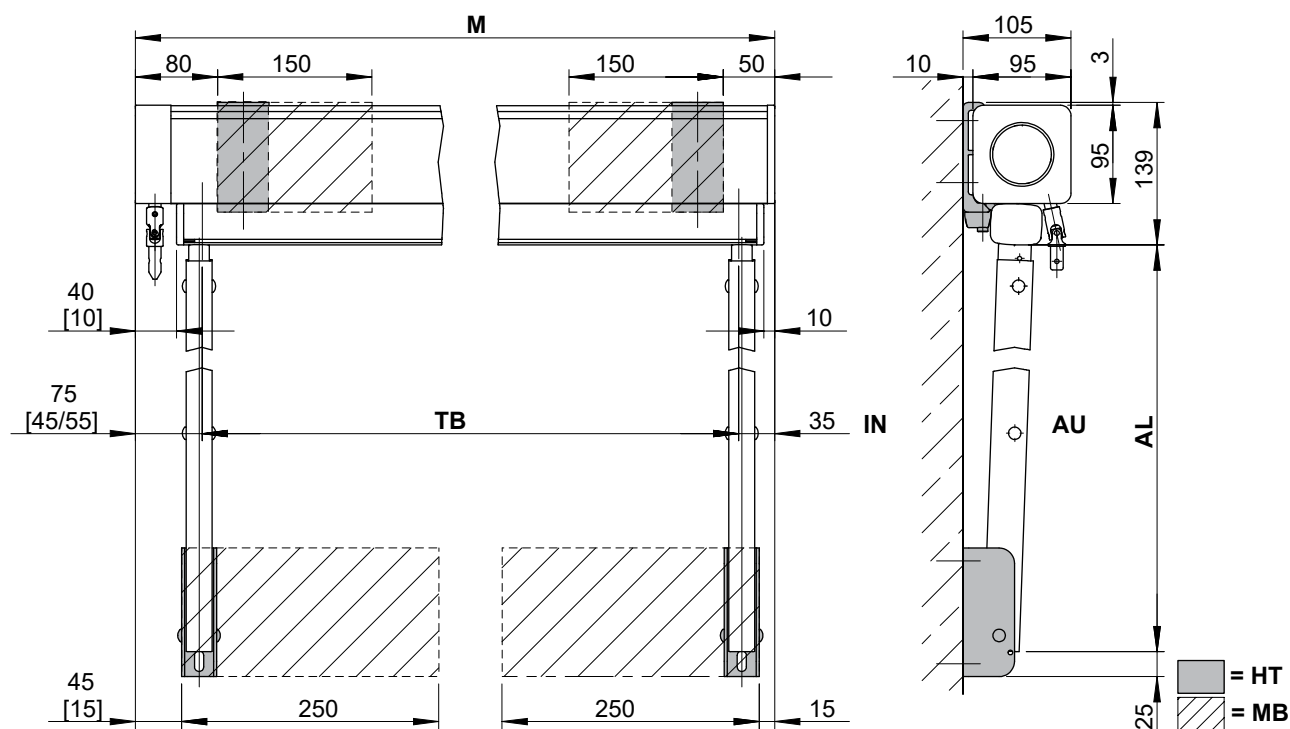
stand-off fixing tube  
30 × 10 × 1000 mm

**N.B.!**

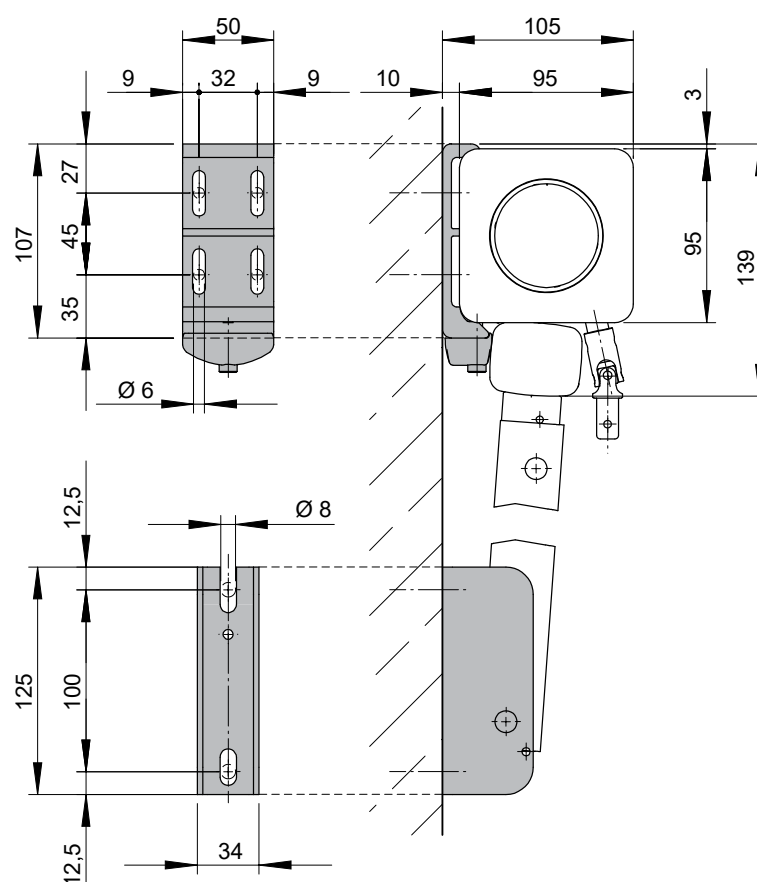
Stack to a max. height  
of 120 mm

**701668**

## Overview of dimensions



### Face fixture



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

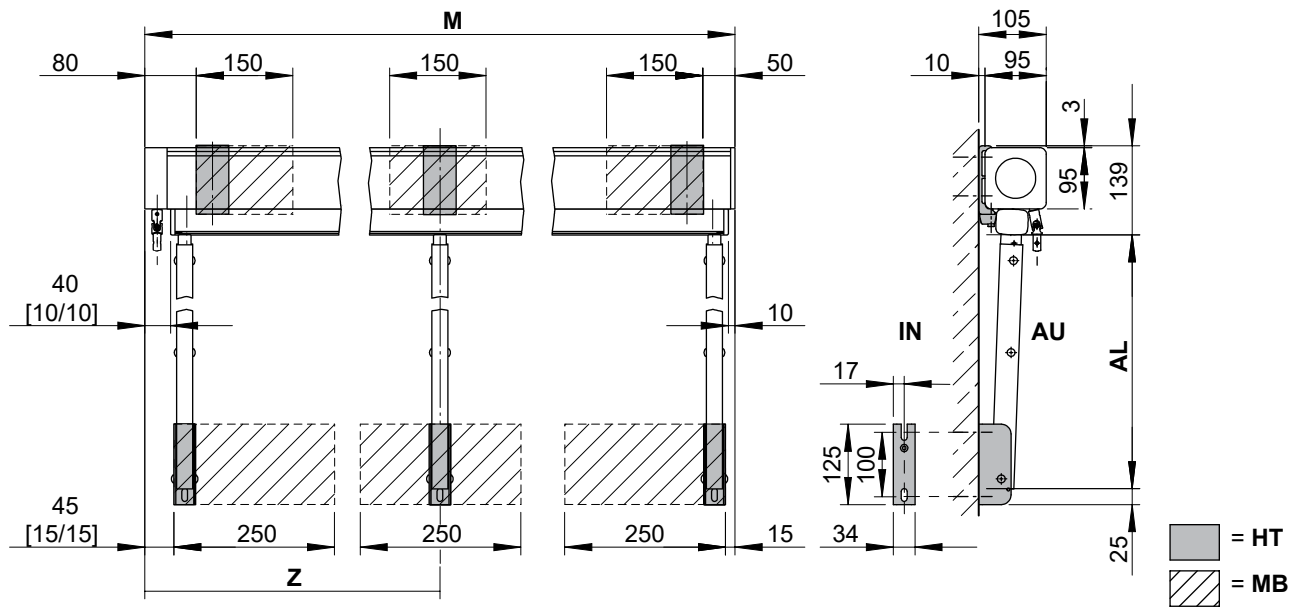
AL = **order dimension** = arm length  
AU = exterior  
HT = bracket

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

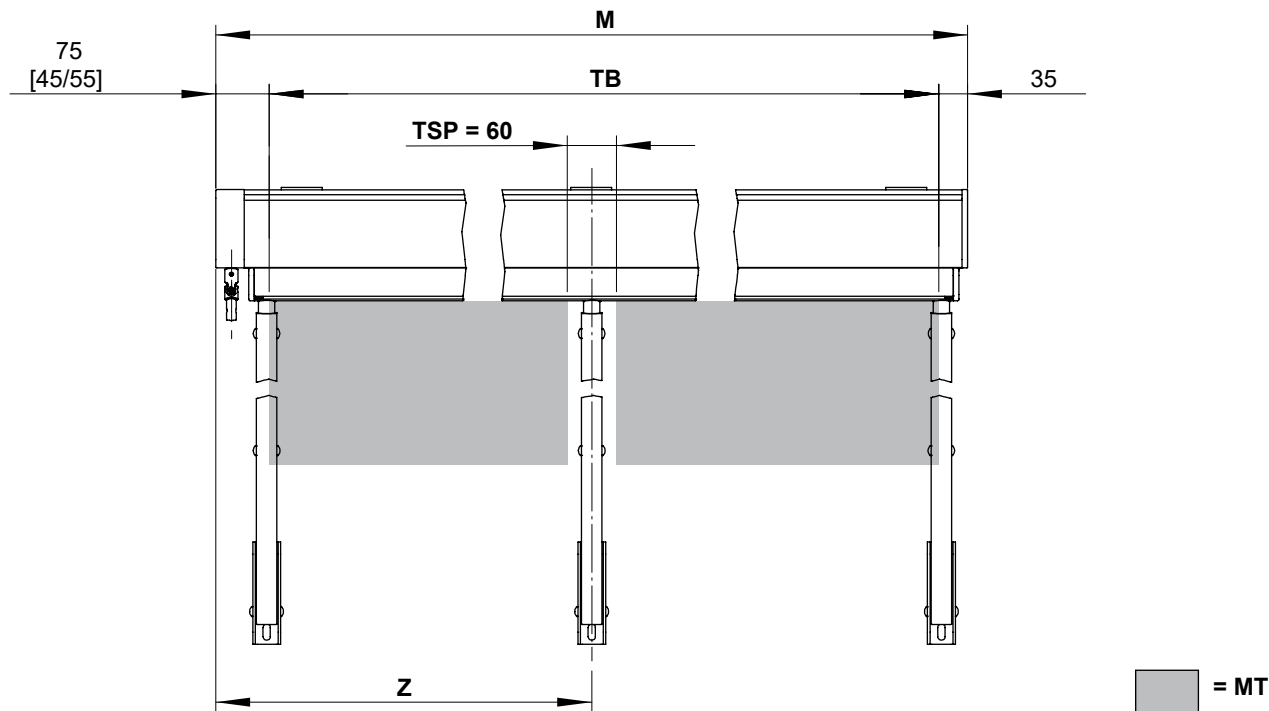
dimensions in mm

# Overview of dimensions

Single unit with three arms, width > 400 cm



Dimensional overview of a single unit with three arms, split cover



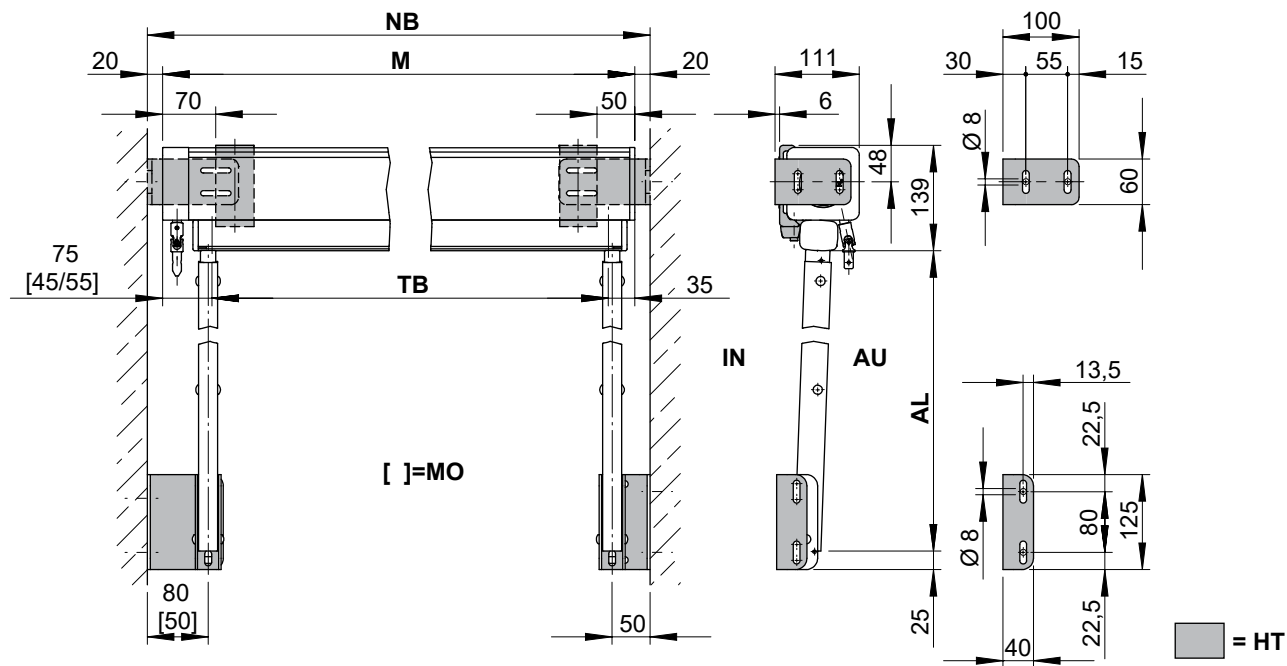
- [...] = dimensions in the case of motor / interior operation (MO)
- AL = order dimension = arm length
- AU = exterior
- HT = bracket
- IN = interior
- M = order dimension = overall awning width
- MB = bracket fixture range

- MT = awning cover
- TB = cover width
- TSP = cover gap
- Z = please note where the split in the cover should be when ordering (measured from the left)

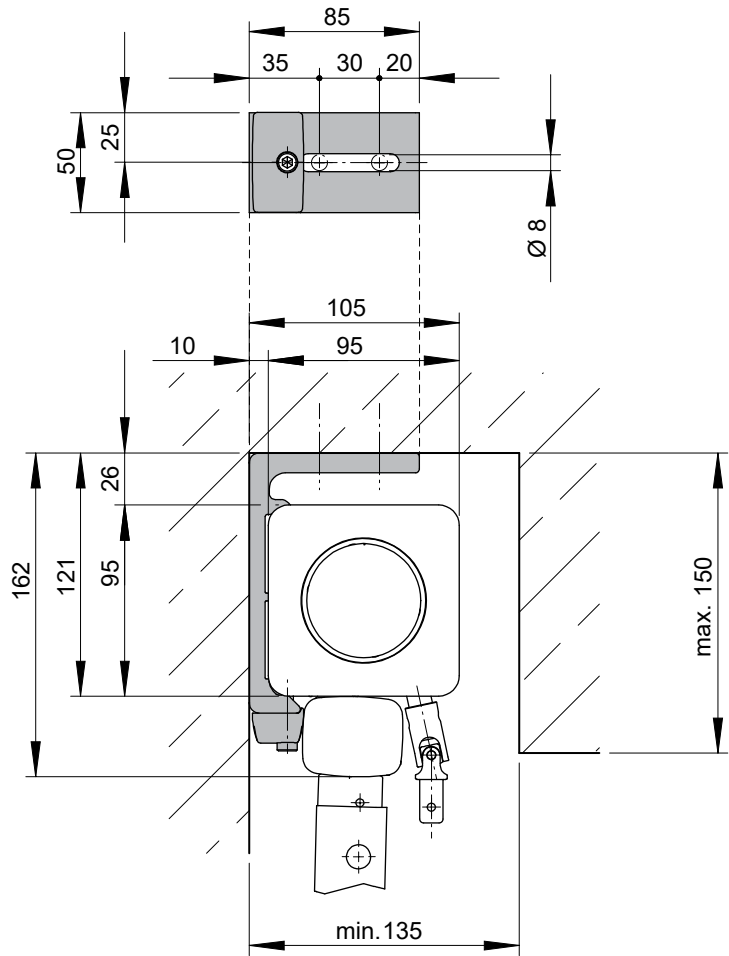
dimensions in mm

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)

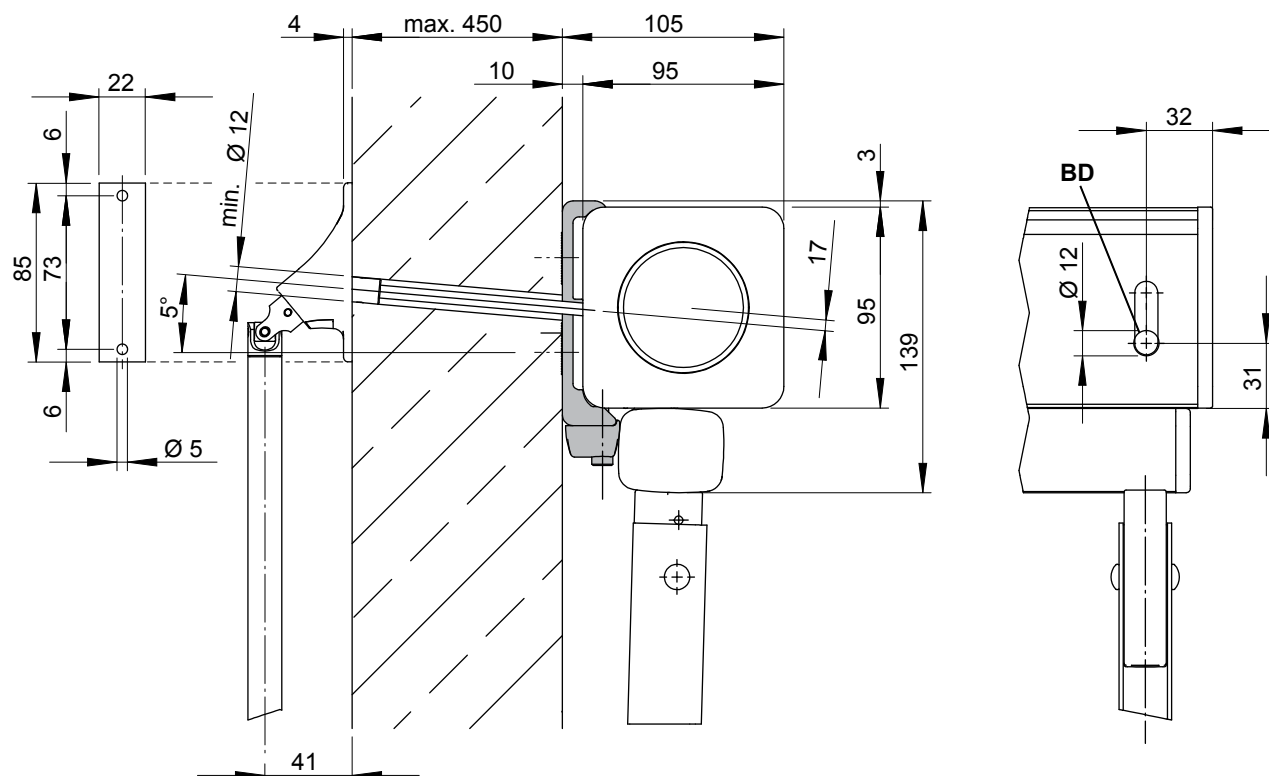
AL = order dimension = arm length  
AU = exterior  
HT = bracket

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

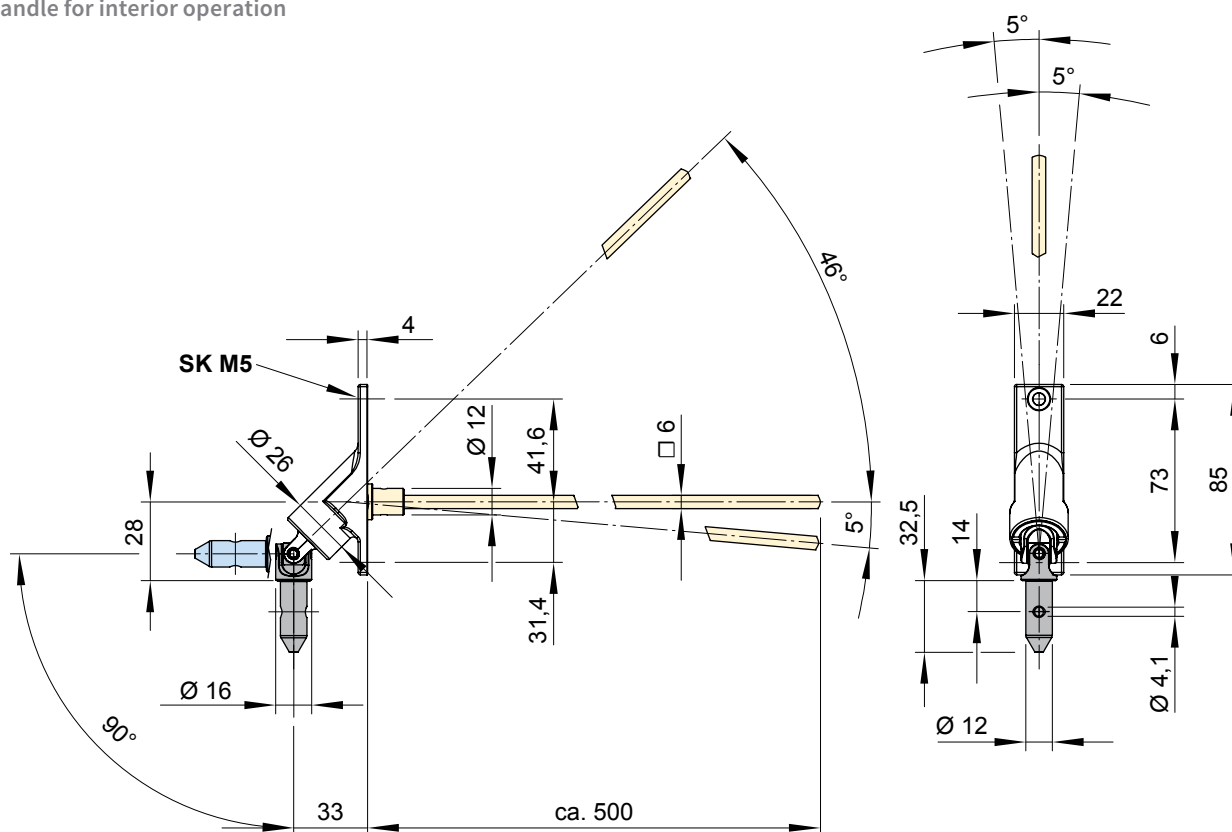
dimensions in mm

## Face fixture

Manual operation with interior operation



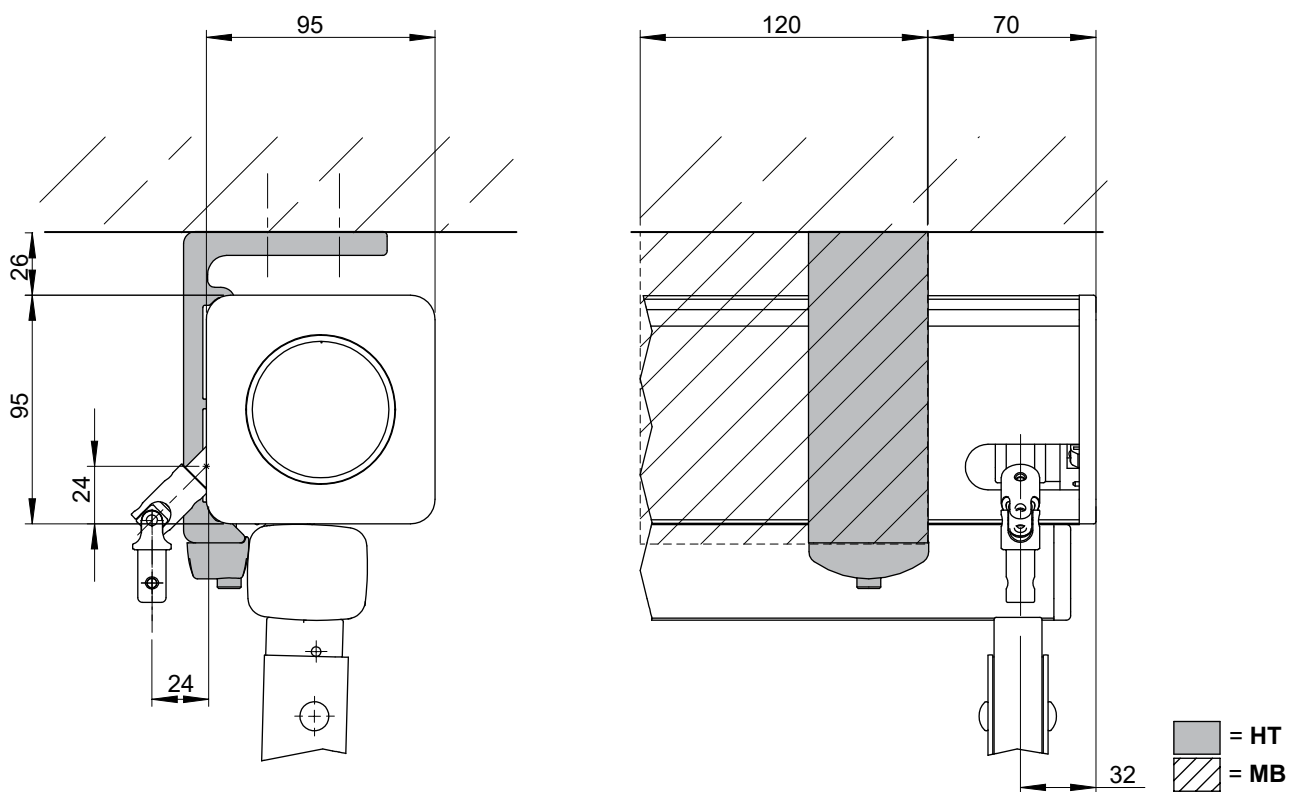
Handle for interior operation



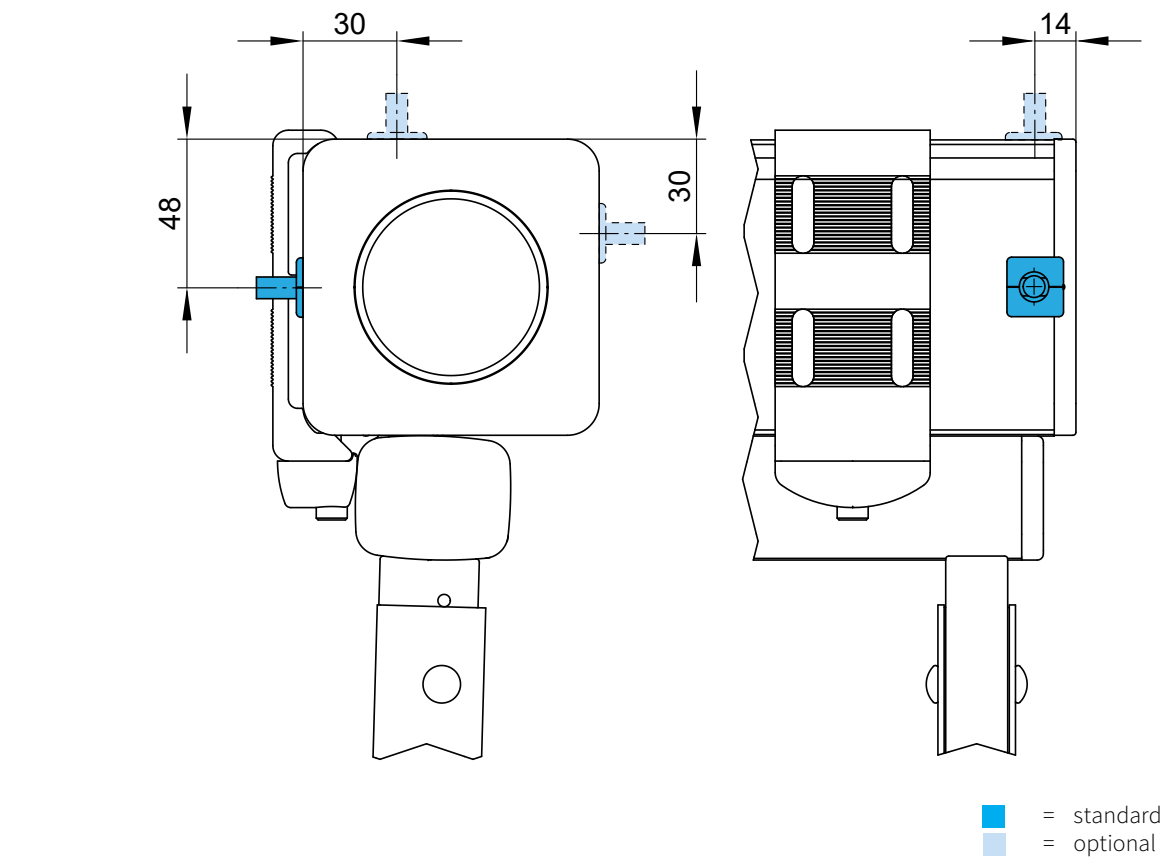
BD = horizontal drill hole  
SK = countersunk screw hole

dimensions in mm

Manual operation from the rear



Motor cable exit point

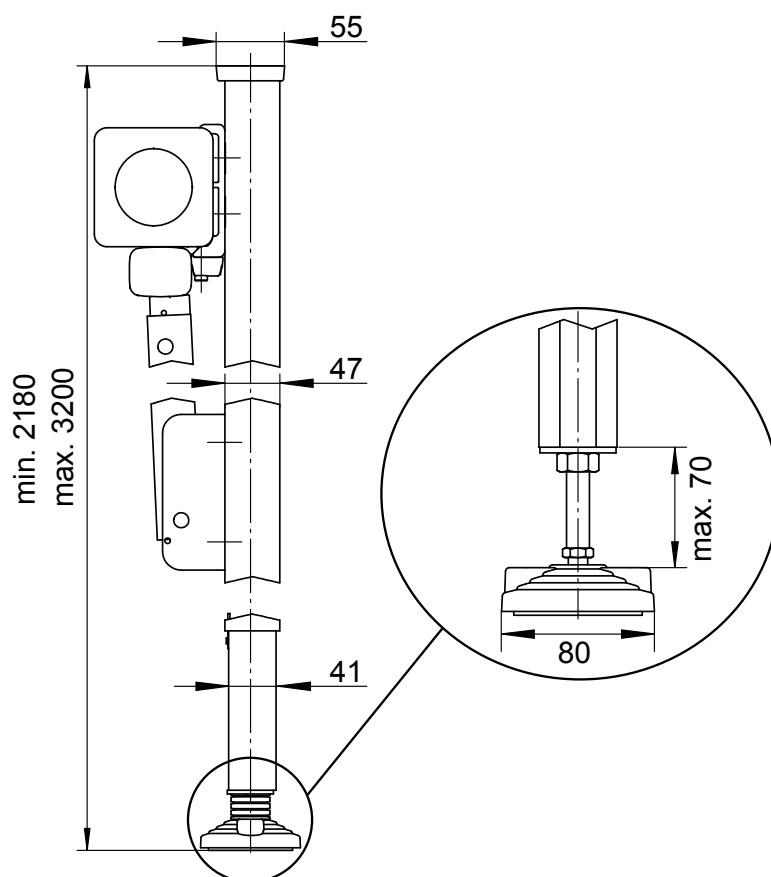


HT = bracket  
MB = bracket fixture range

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.