



Drop-arm cassette awning

markilux 730 / 830

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

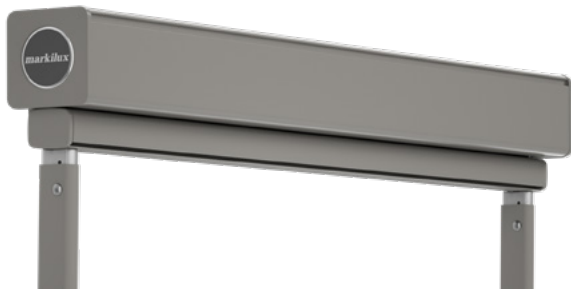
Product characteristics

Wind resistance class 2

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

markilux 730

markilux 830



face fixture

top fixture

face fixture

top fixture



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

retracted closing mechanism,
view of markilux 830

reveal fixture of drop arms,
stainless steel gas pistons



cover split for unit width > 400 cm



¹⁾ optional configuration

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 cm – 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
- markilux 730: cassette profile in one piece, square, height × depth 95 mm × 95 mm
- markilux 830: cassette profile in two pieces, round tear-shaped, Ø 115 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 gas pistons, pressure 580 N

Side caps

markilux 730:

- 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

markilux 830:

- 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 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.

¹⁾ textured finish

Colours may differ slightly from those depicted in both hue and finish.

Dimensions and configuration options

Single unit

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

1) = cover length 160 cm

2) = cover length 200 cm

3) = cover length 250 cm

AL = arm length



= 2 brackets, 2 drop arms



= 3 brackets, 2 drop arms



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

dimensions in cm

Operation

	standard	optional
crank handle, on the outside	✓	—
crank handle, operation from the rear	—	✓ ¹⁾
crank handle, interior 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 Awning

not available

Optional accessories

wedge-in accro bars

valance

automatic controls (light, wind, rain)

N.B! Important background information can be found in the chapter "Optional Accessories".

Awning cover fabric range no. standard optional

sunvas	301.. / 309..–315..	✓	—
perla	370 ..	—	—
sunsilk	324.. / 325.. / 328.. / 369..	✓	—
perla FR	374.. / 375..	—	—
perfortex	331.. / 332..	✓	—
transolair	338..	—	✓
transolair (120 cm)	339..	—	✓
vuscreen Alu	317..	—	✓
Soltis Perform 92	92-20..	—	✓
glass fibre screen	272..	—	—
valance, height 20 cm		—	✓

N = seamless

LN = vertical seam(s), panel width usually 120 cm

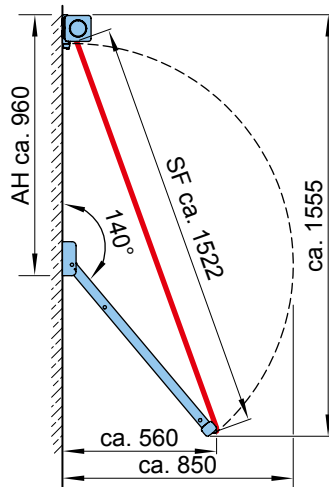
QN = horizontal seam(s)

Window coverage

On the basis of the standard arm lengths

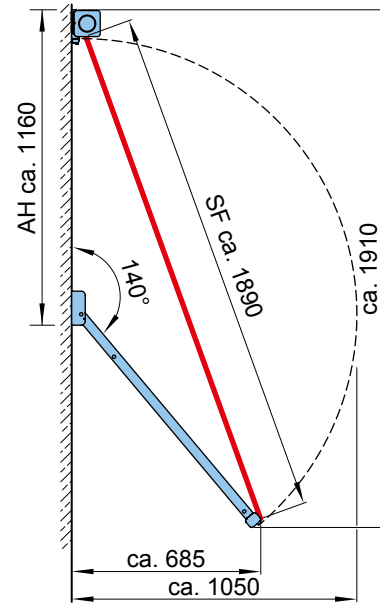
Arm length: 80 cm

Cover length: 160 cm



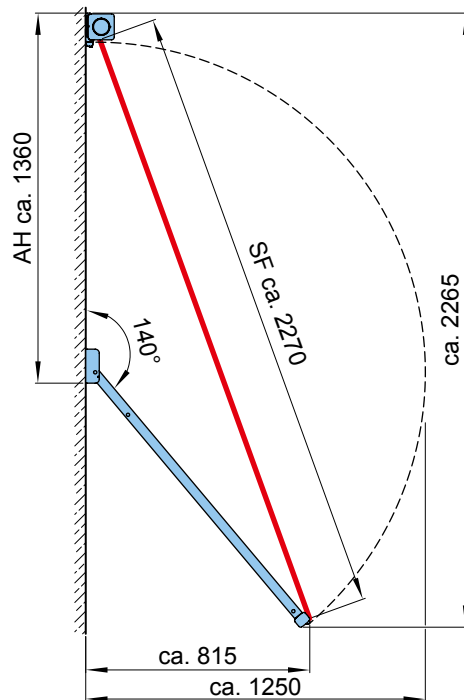
Arm length: 100 cm

Cover length: 200 cm



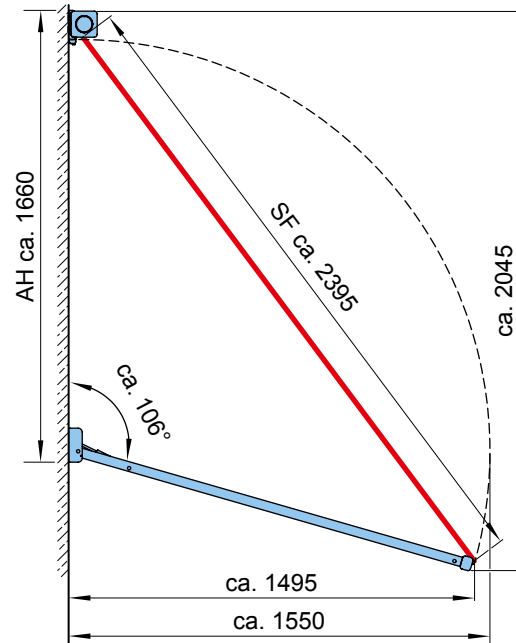
Arm length: 120 cm

Cover length: 250 cm



Arm length: 150 cm

Cover length: 250 cm



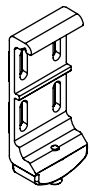
AH = unit height

SF = visible cover area

dimensions in mm

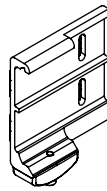
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Fixtures, fittings and accessories



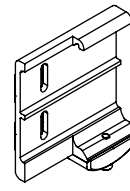
face fixture bracket

50 mm

78797.face fixture bracket
with fishplate for
extended fixture, right**N.B!**

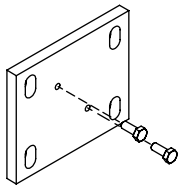
not for the operation side:

- interior operation
- operation from the rear

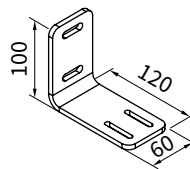
78920.face fixture bracket
with fishplate for
extended fixture, left**N.B!**

not for the operation side:

- interior operation
- operation from the rear

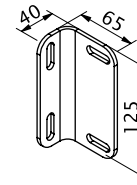
78921.spreader plate
for face fixture / universal
bracket

120 × 100 × 10 mm

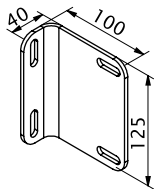
78982.additional angled bracket
for reveal fixture

120 × 100 × 60 mm

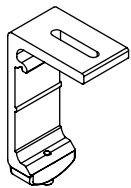
please order additional
accessories 792931!

77220.additional angled bracket
for lateral arm fixture
reveal fixture
65 × 40 × 125 mm
bearing / motor side

please order additional
accessories 793151!

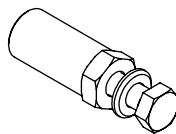
78912.additional angled bracket
for lateral arm fixture
reveal fixture100 × 40 × 125 mm
gearbox side

please order additional
accessories 793151!

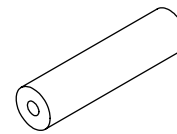
78913.accessories
for two angled brackets
77220.**792931**accessories for two
angled brackets 78912.
or 78913.**793151**

top fixture bracket

50 mm

78859.bolt reduction assembly
M 10 → M 6 / SW 13

pack 10 pcs

753211

stand-off fixing tube

30 × 10 × 1000 mm

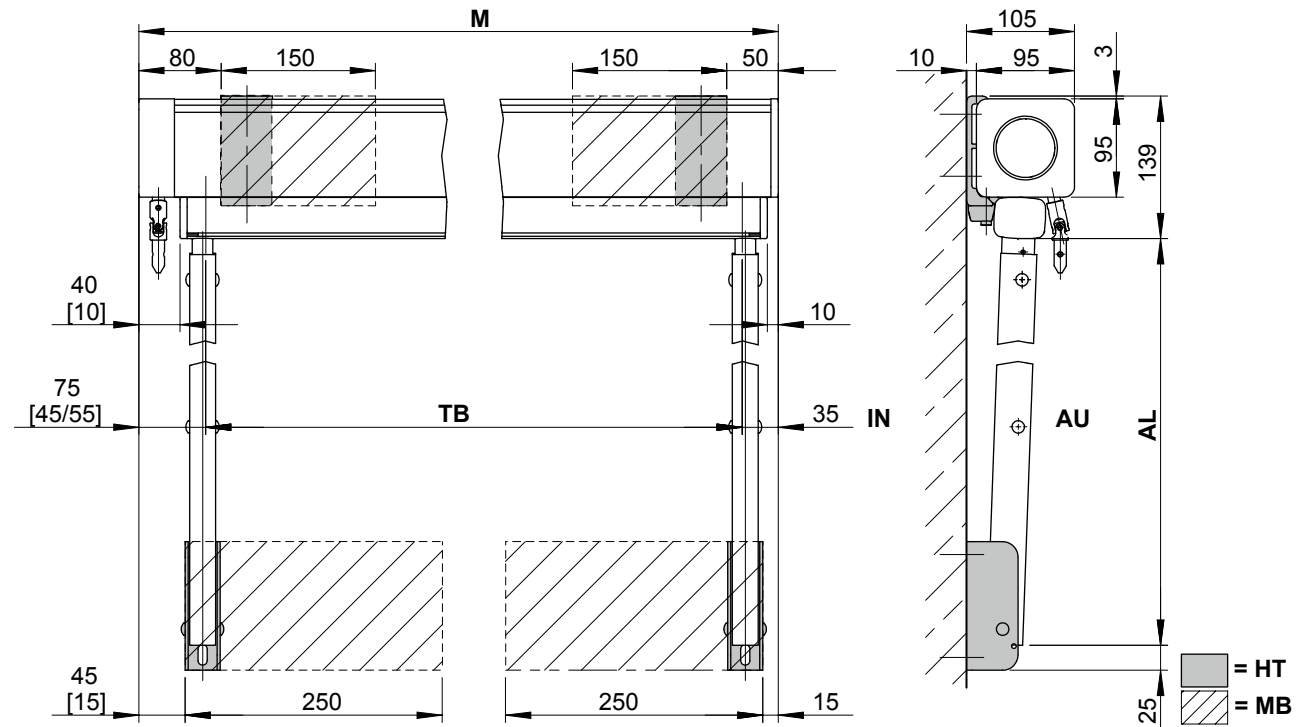
N.B!

max. stand-off distance
120 mm

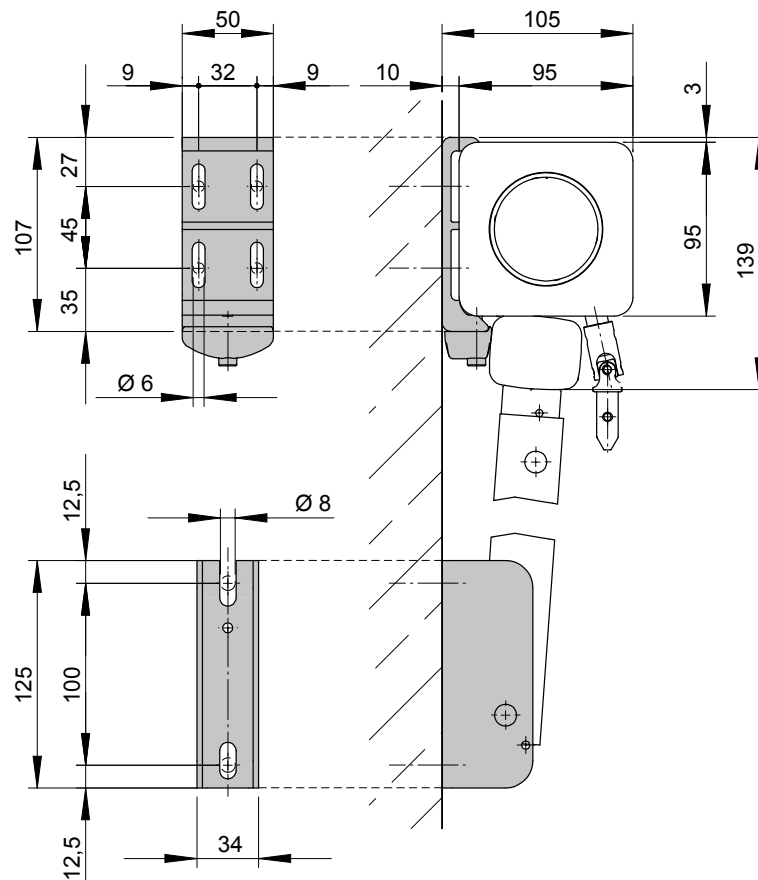
701668

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Dimension overview



Face fixture



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

AL = *order dimension* = arm length

AU = exterior

HT = bracket

IN = interior

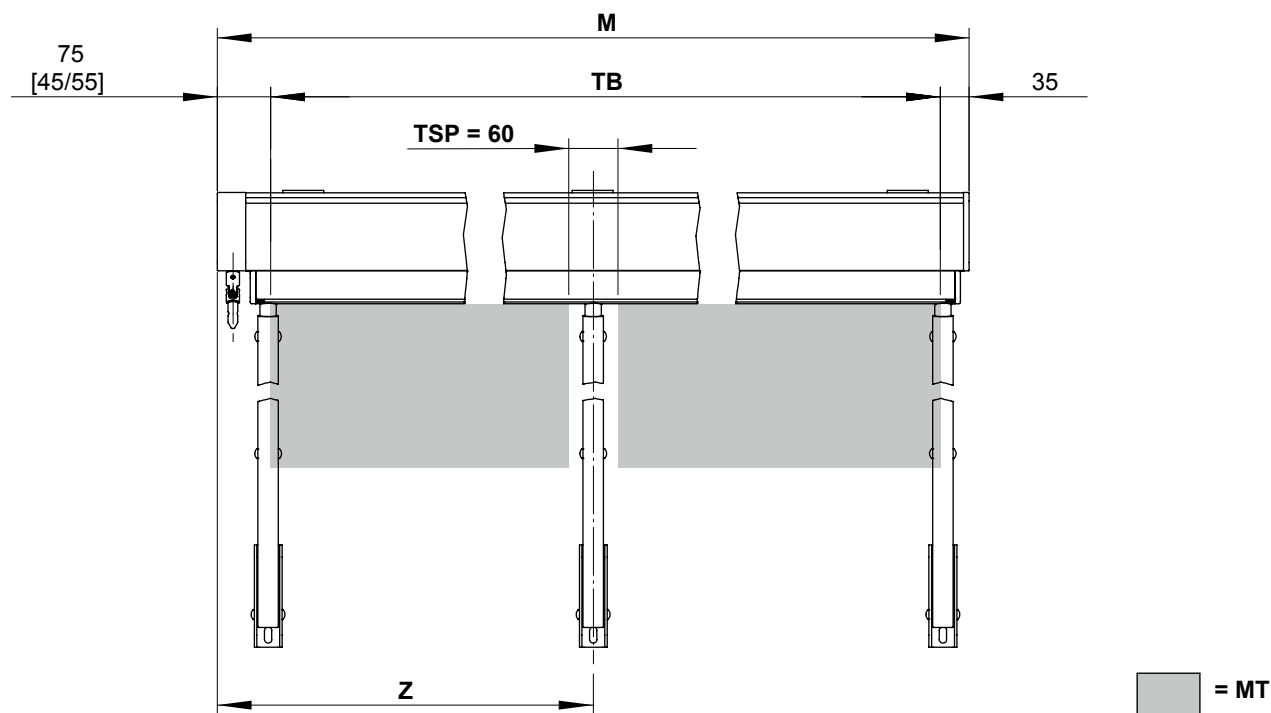
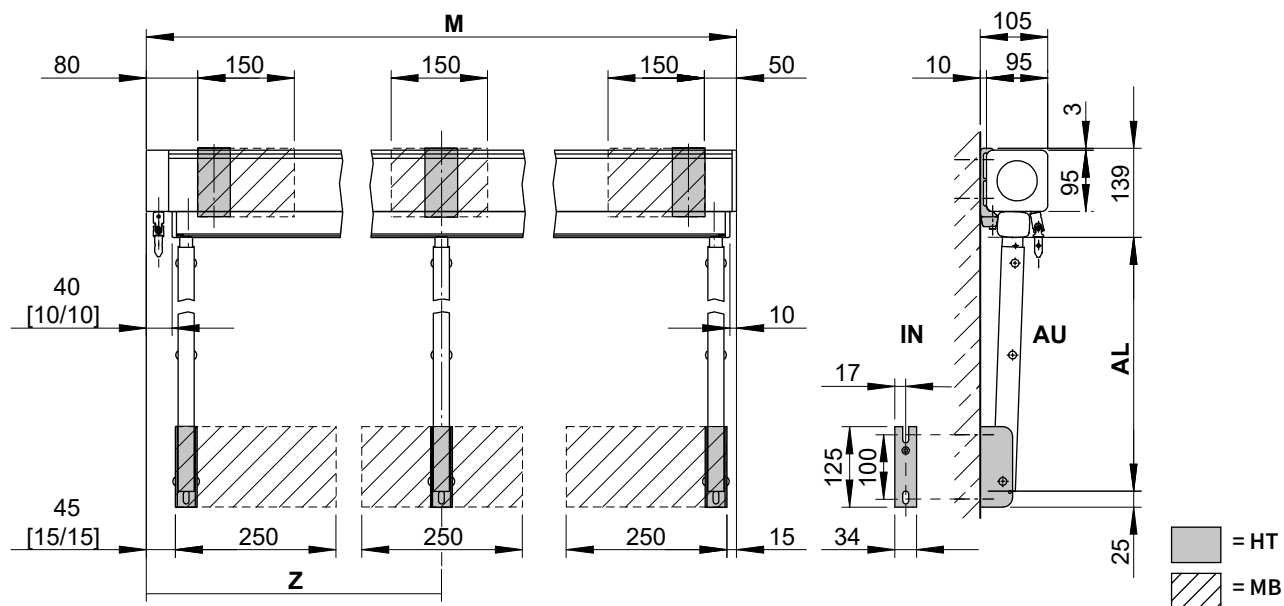
M = *order dimension* = awning width

MB = bracket fixture range

TB = cover width

dimensions in mm

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

AL = *order dimension* = arm length

AU = exterior

HT = bracket

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M = *order dimension* = awning width

MB = bracket fixture range

MT = awning cover

TB = cover width

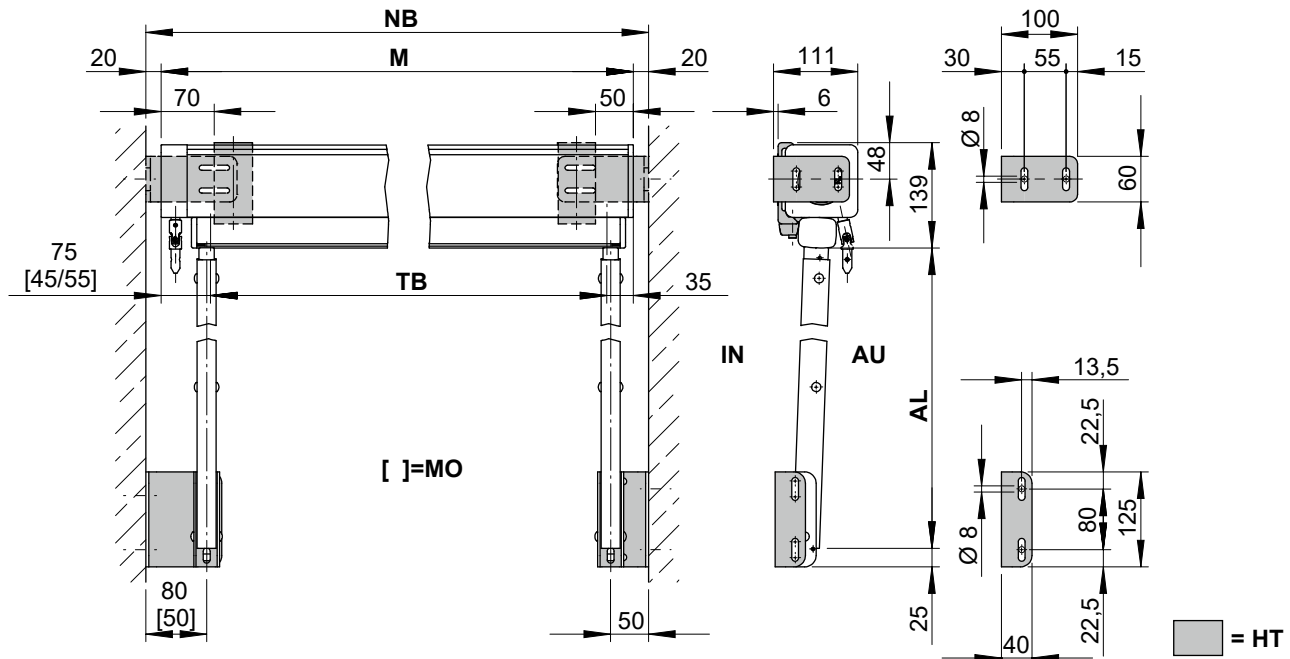
TSP = cover gap

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

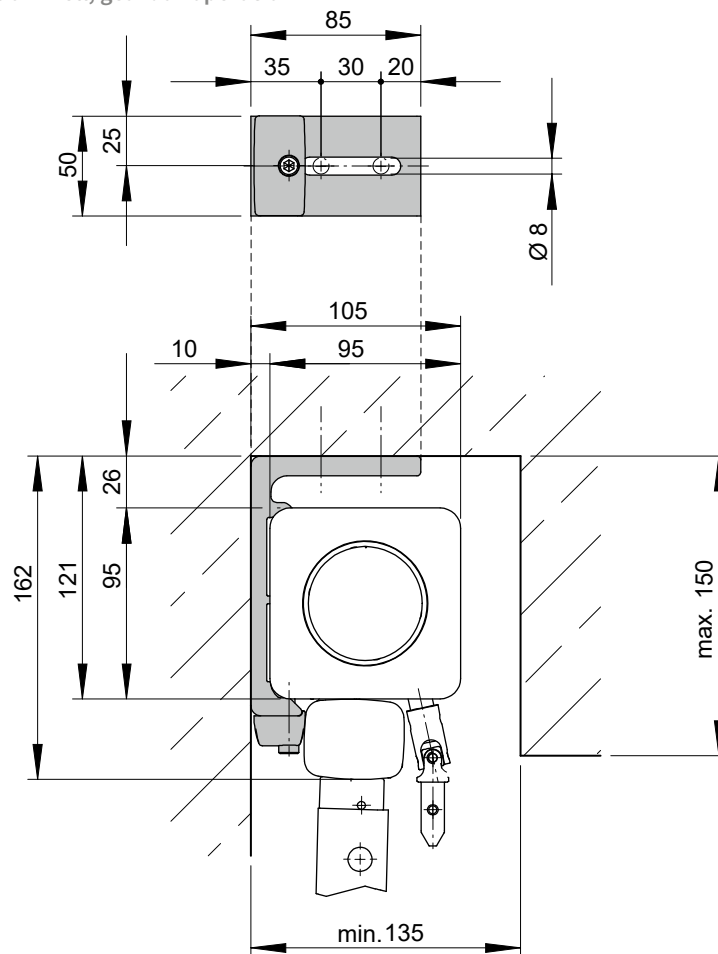
dimensions in mm

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Reveal fixture, gearbox / motor operation



Reveal fixture in a top window well, gearbox operation



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

IN = interior

AL = *order dimension* = unit height

M = *order dimension* = awning width

AU = exterior

NB = reveal width

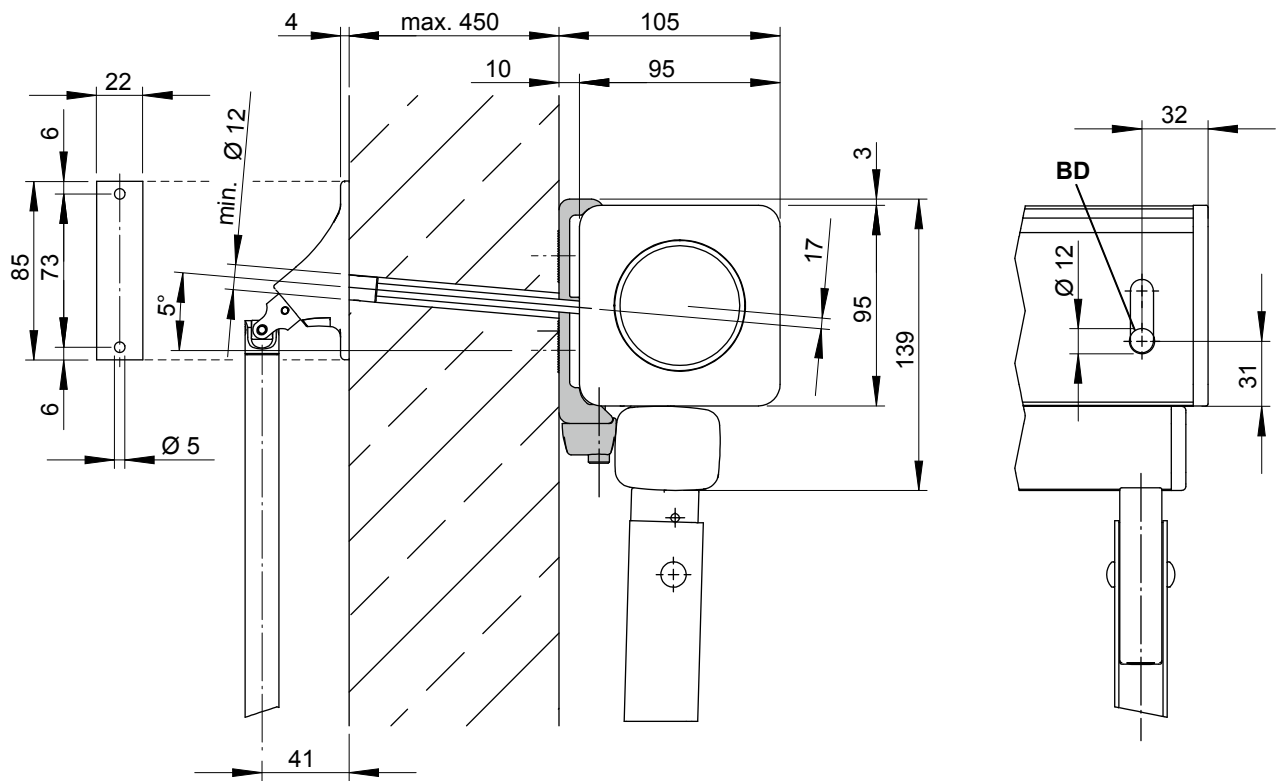
HT = bracket

TB = cover width

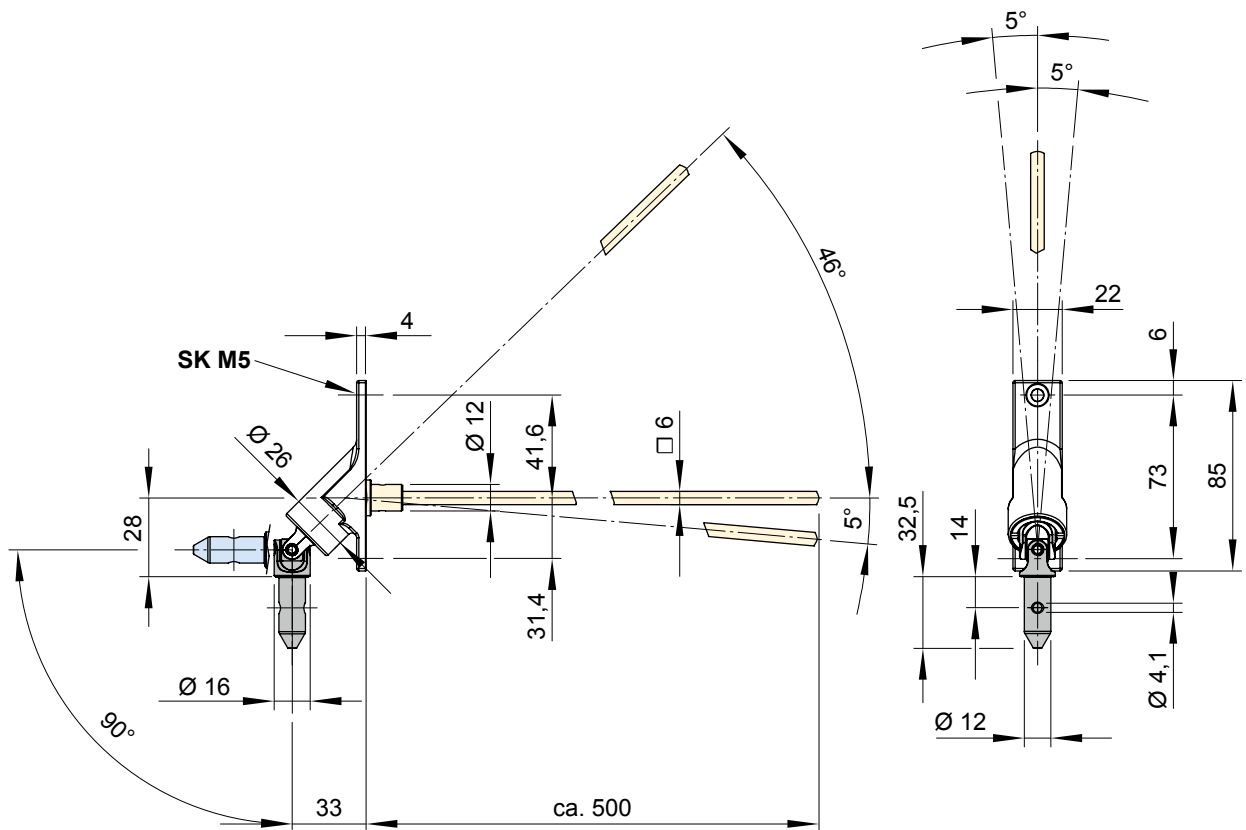
dimensions in mm

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Face fixture, interior operation



Handle for interior operation



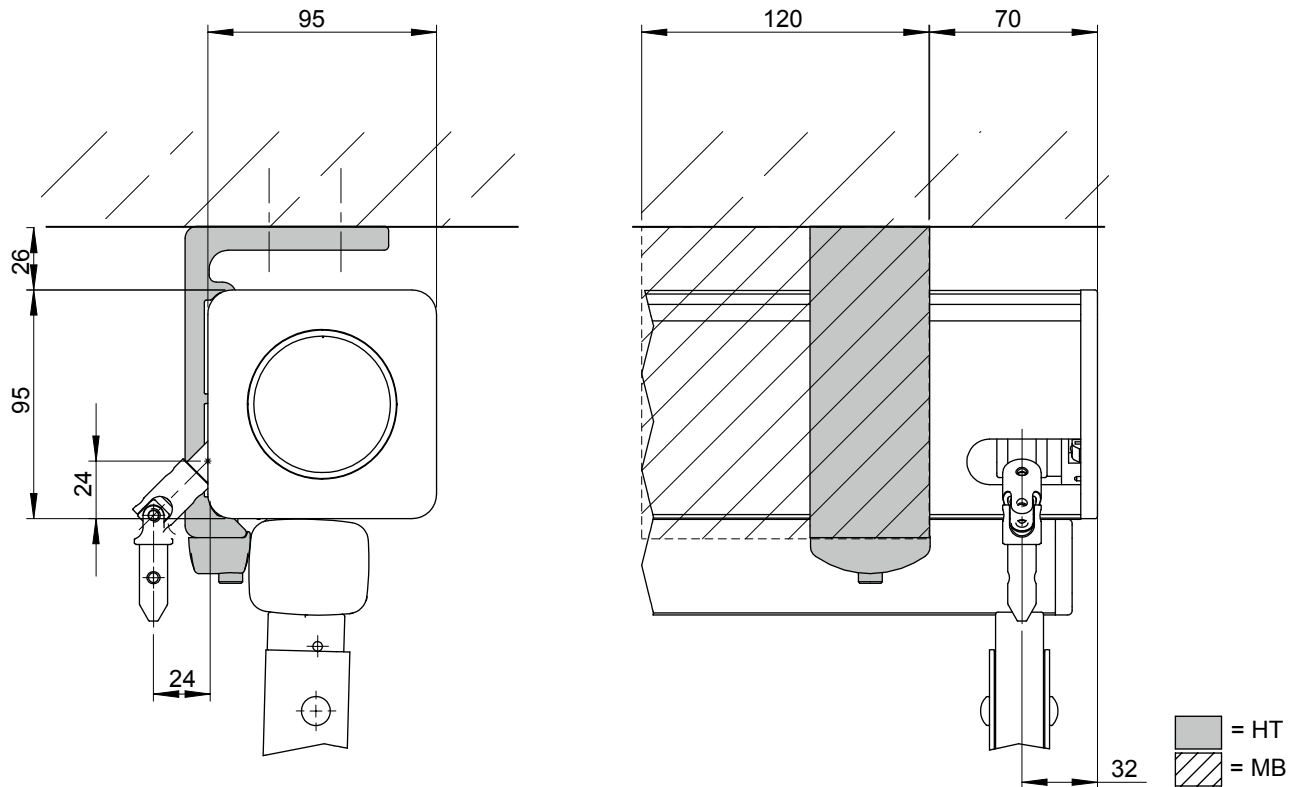
BD = horizontal drill hole

SK = countersunk screw hole M5

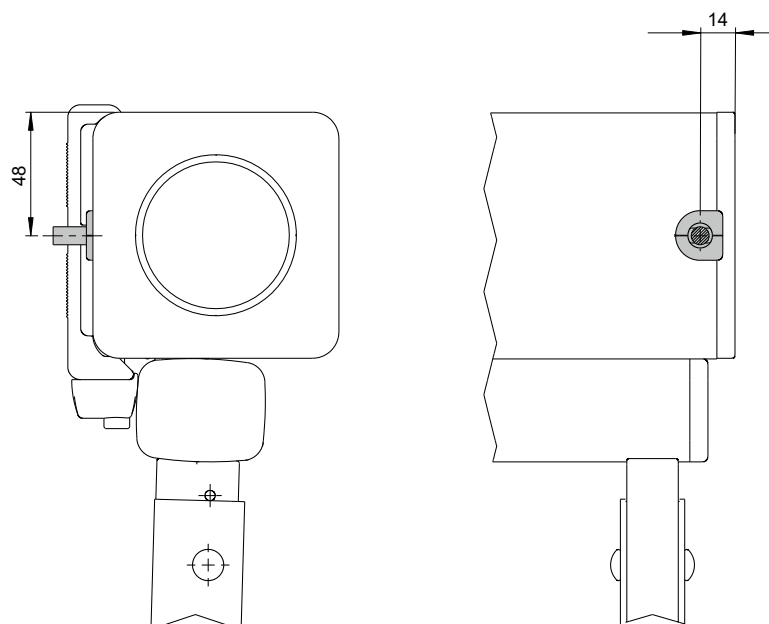
dimensions in mm

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Manual operation from the rear



Motor cable exit point



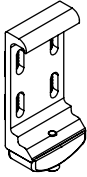
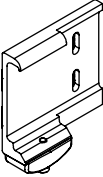
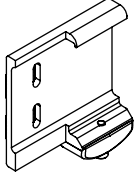
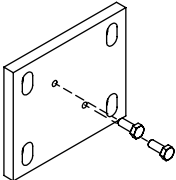
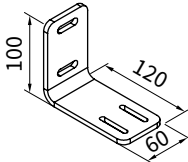
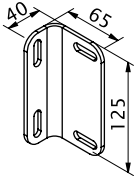
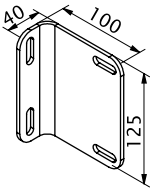
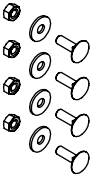
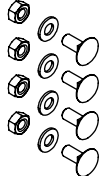
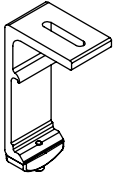
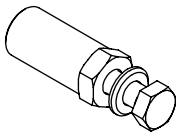
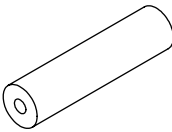
HT = bracket

MB = bracket fixture range

dimensions in mm

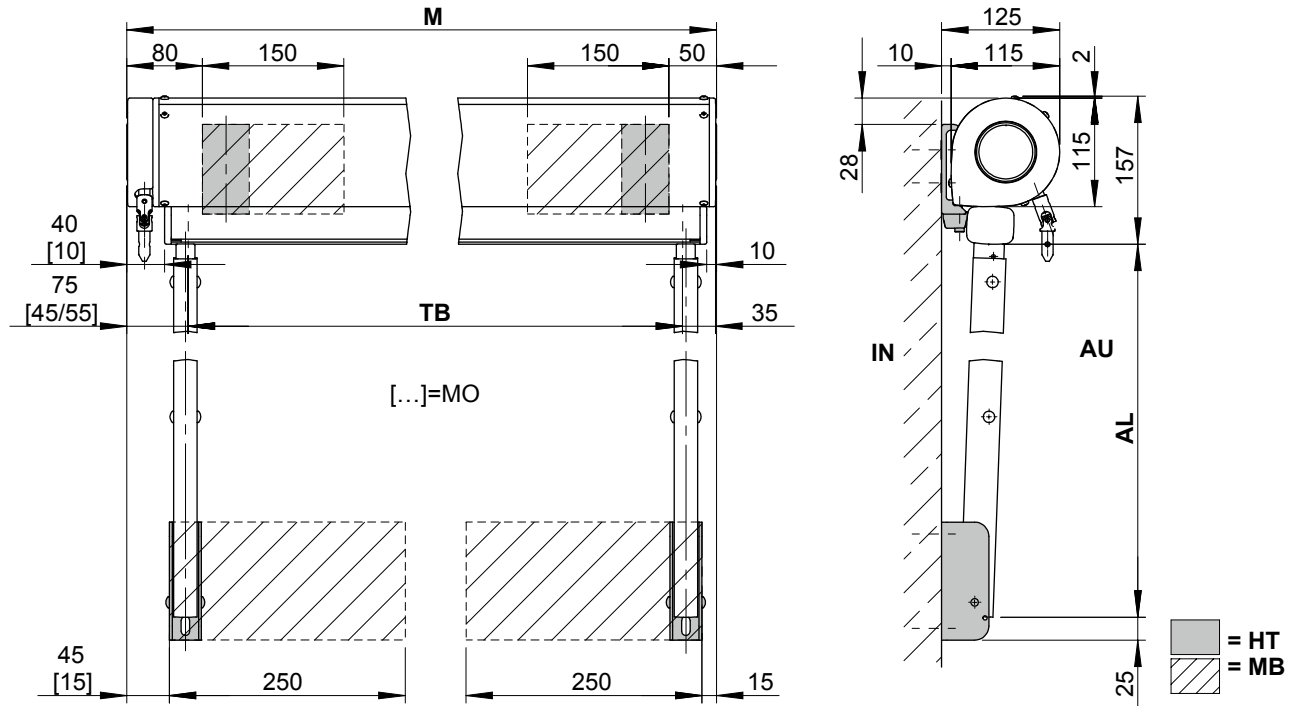
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Fixtures, fittings and accessories

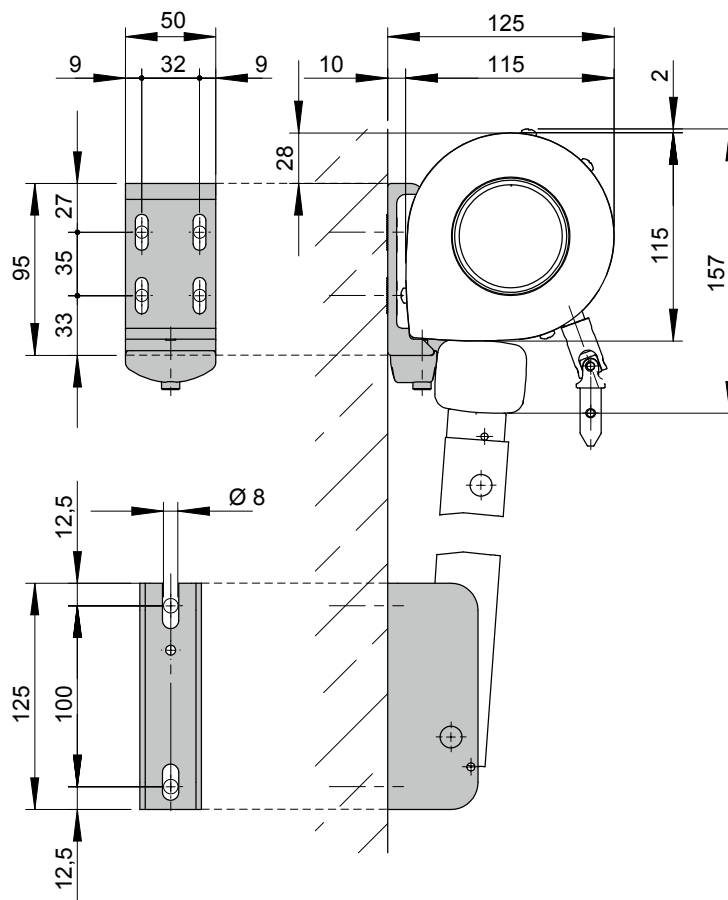
 face fixture bracket 50 mm 78726.	 face fixture bracket with fishplate for extended fixture, right N.B! not for the operation side: • interior operation • operation from the rear 78748.	 face fixture bracket with fishplate for extended fixture, left N.B! not for the operation side: • interior operation • operation from the rear 78749.
 spreader plate for face fixture / universal bracket 120 × 100 × 10 mm 78982.	 additional angled bracket for reveal fixture 120 × 100 × 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 gearbox side please order additional accessories 793151! 78913.	 accessories for two angled brackets 77220. 792931	 accessories for two angled brackets 78912. or 78913. 793151
 top fixture bracket 50 mm 78727.	 bolt reduction assembly M 10 → M 6 / SW 13 pack 10 pcs 753211	 stand-off fixing tube 30 × 10 × 1000 mm N.B! max. stand-off distance 120 mm 701668

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Dimension overview



Face fixture



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

AL = *order dimension* = arm length

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HT = bracket

IN = interior

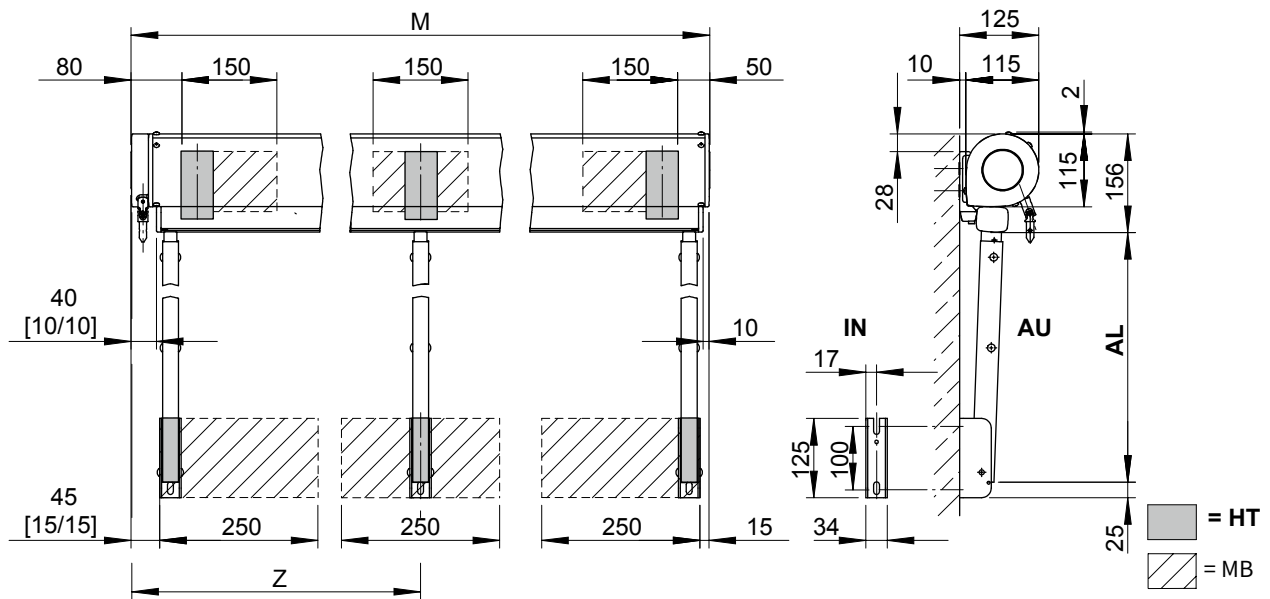
M = *order dimension* = awning width

MB = bracket fixture range

TB = cover width

dimensions in mm

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

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AU = exterior

HT = bracket

IN = interior

M = *order dimension* = awning width

MB = bracket fixture range

MT = awning cover

TB = cover width

TSP = cover gap

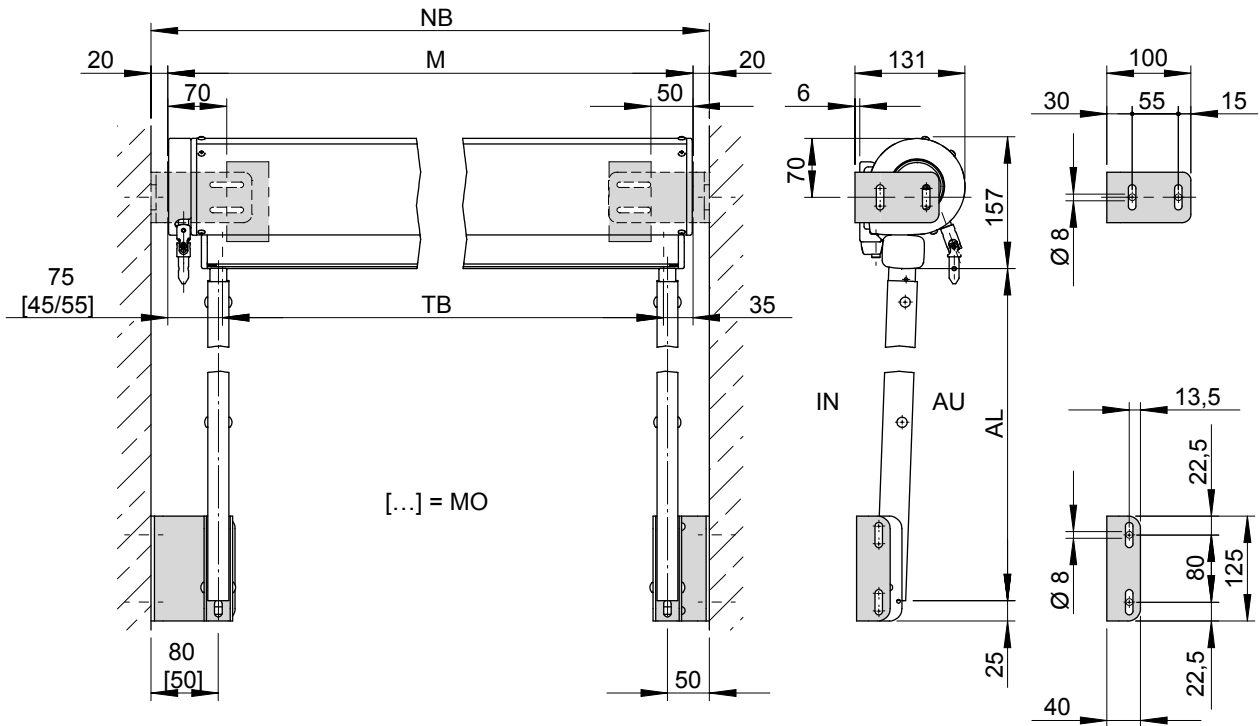
Z = please note where the split in the cover should be when ordering (measured from the left)

MT = awning cover

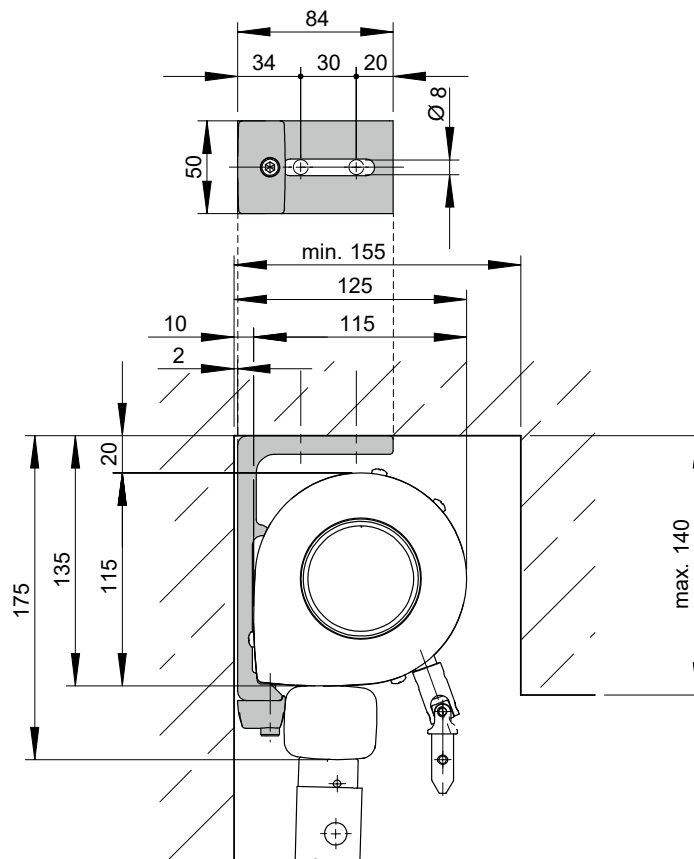
dimensions in mm

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Reveal fixture, gearbox / motor operation



Reveal fixture in a window well, gearbox operation



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

AL = *order dimension* = unit height

AU = exterior

HT = bracket

IN = interior

M = *order dimension* = awning width

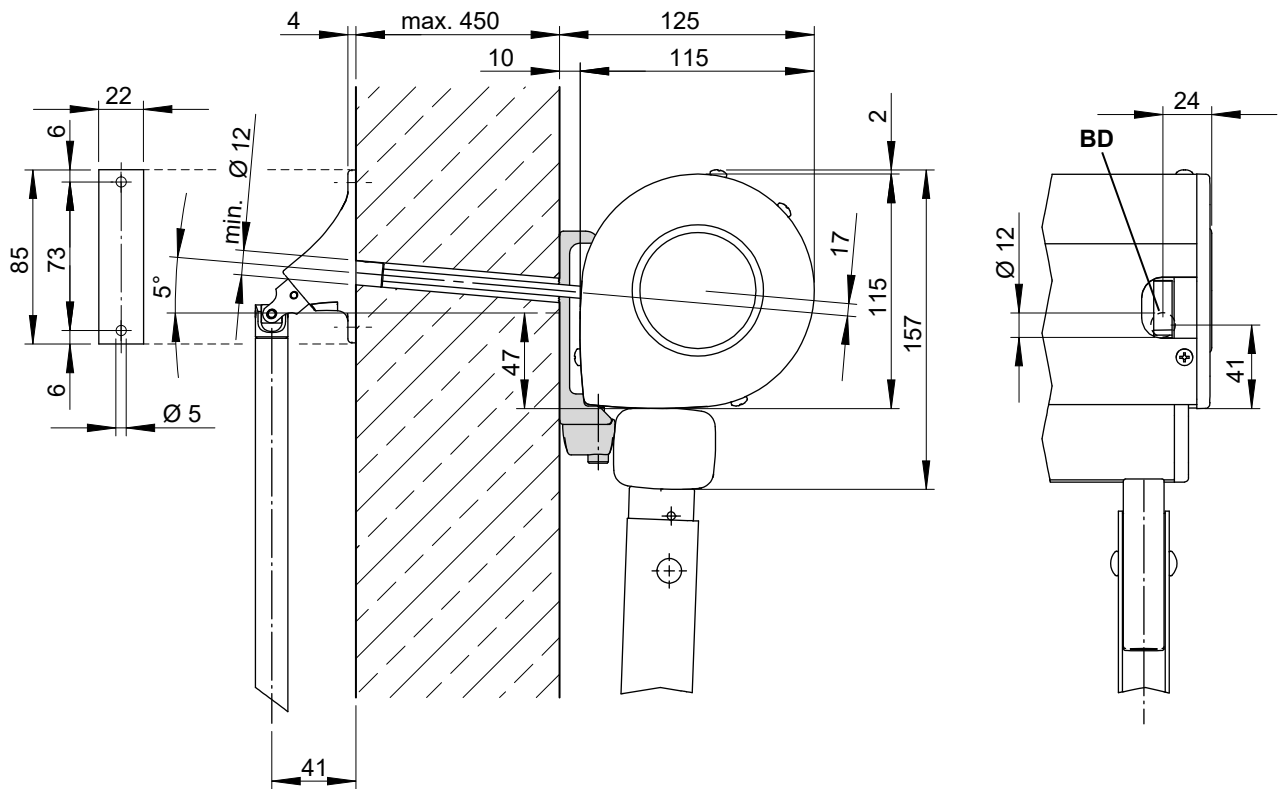
NB = reveal width

TB = cover width

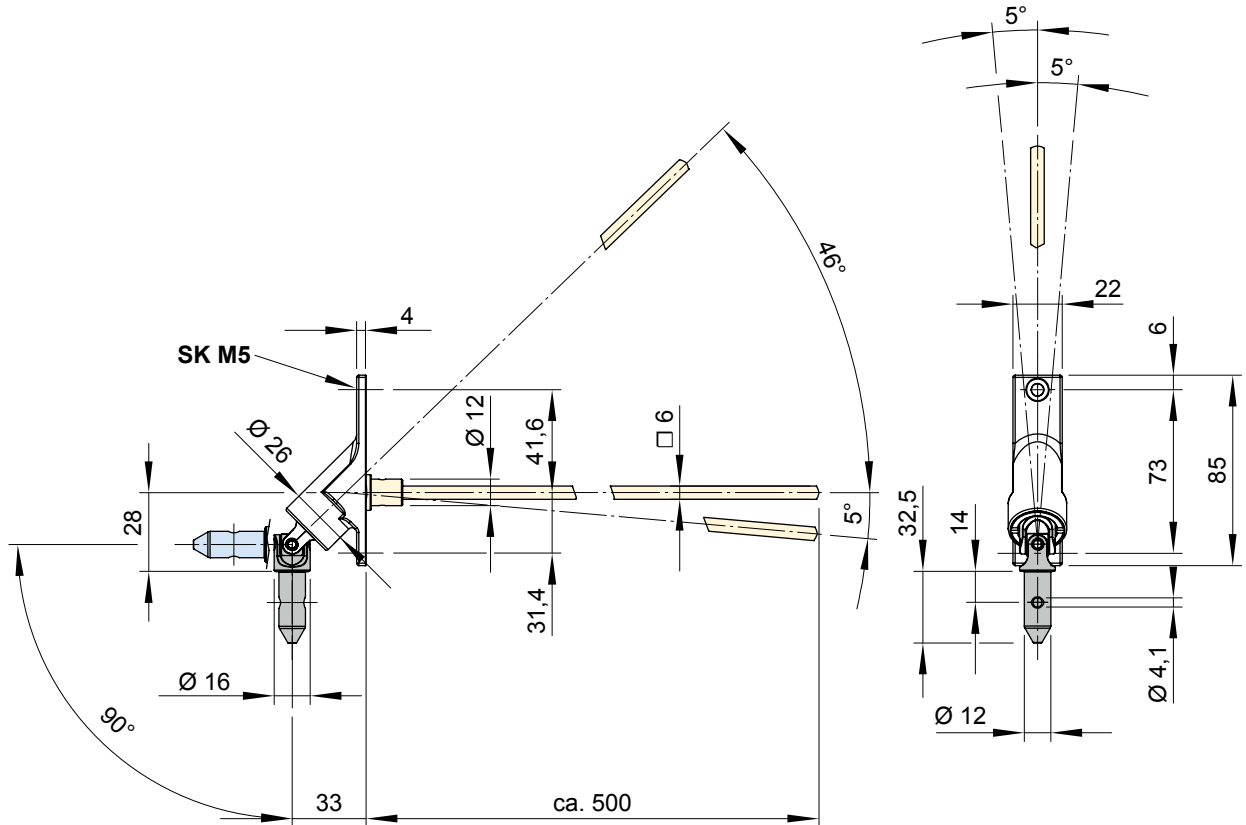
dimensions in mm

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Face fixture, interior operation



Handle for interior operation



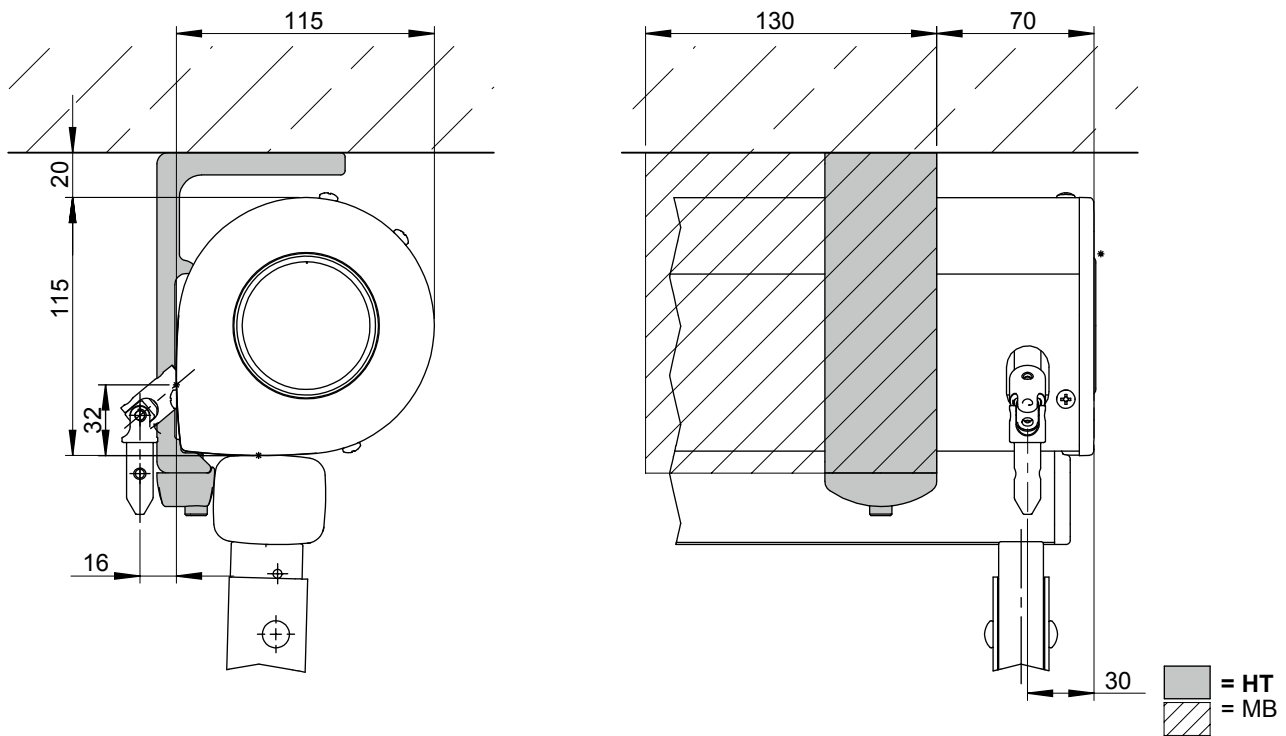
BD = horizontal drill hole

SK = countersunk screw hole M5

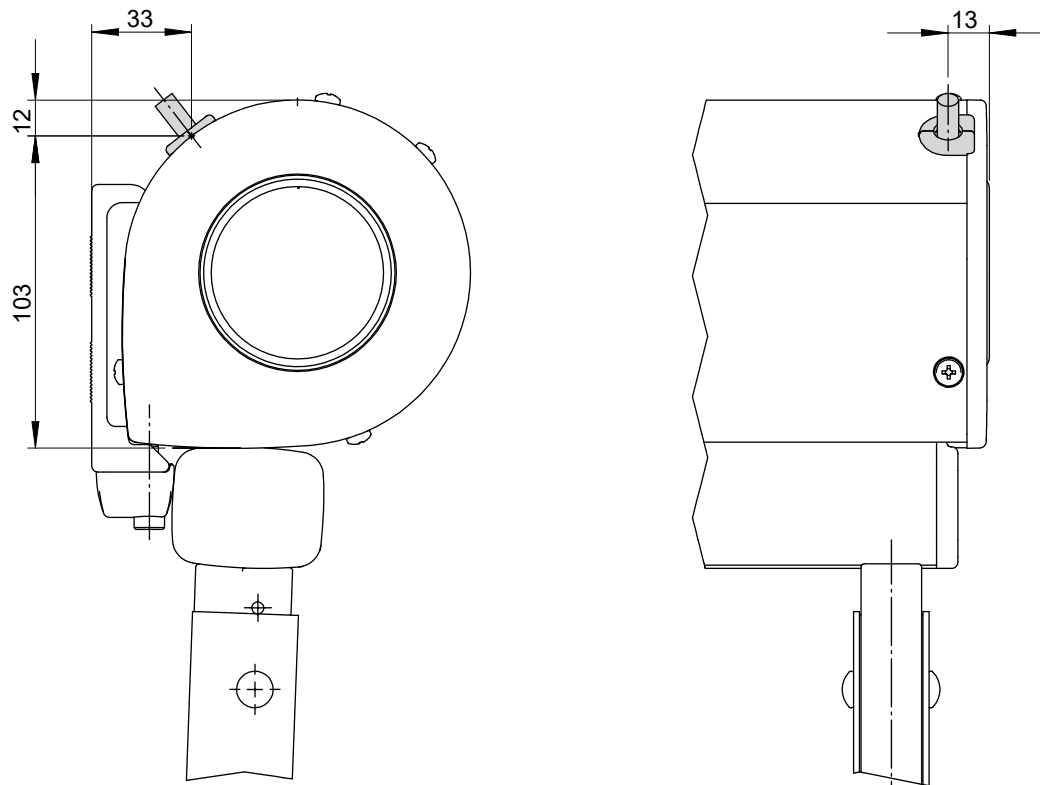
dimensions in mm

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Manual operation from the rear



Motor cable exit point



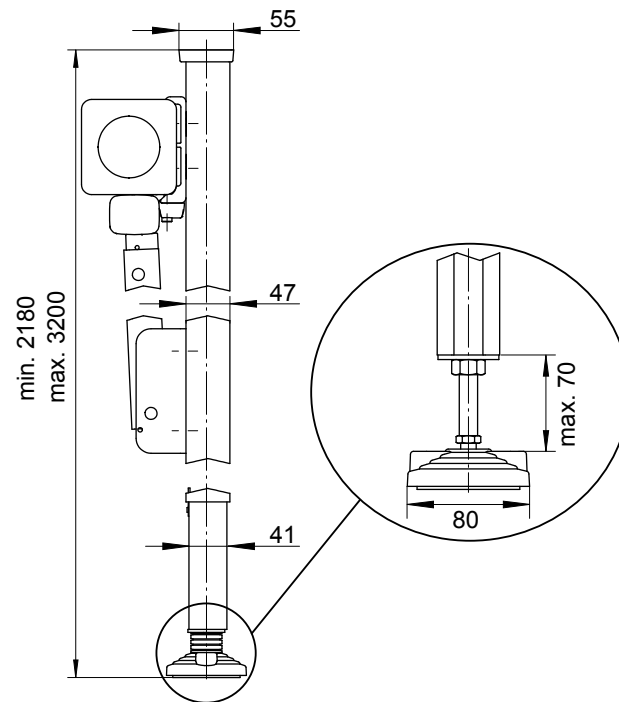
HT = bracket

MB = bracket fixture range

dimensions in mm

wedge-in accro bars

Illustrated by way of the markilux 730



N.B! Telescopic range 218–320 cm.

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