

Installation dimensions markilux pergola 110 / 210

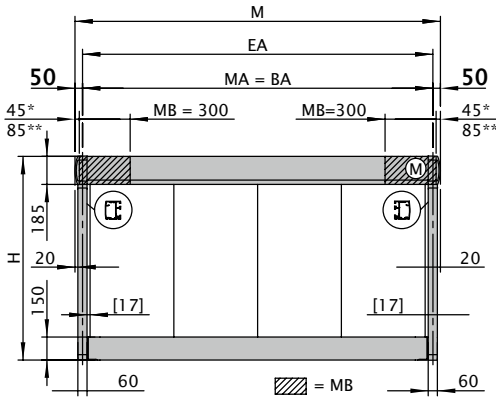
Attention! Please take note of the following when ordering:

- awning fixture width (MA) = order width
- awning fixture width (MA) + 10 cm = overall width (M)

- nominal extension (H) = order height
- (N.B.: no guide track overhang)**

Dimension overview, 1 field, 1 motor

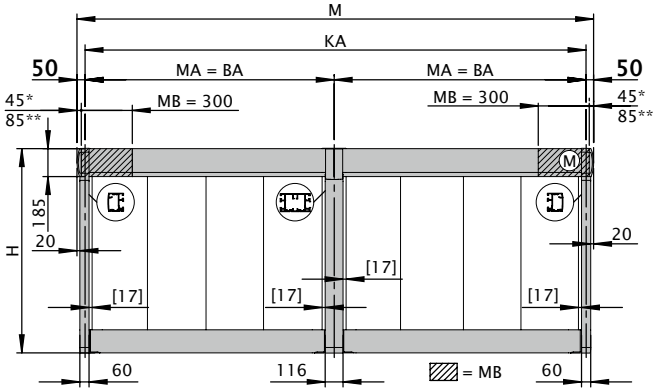
drawing dimensions in mm



- M = awning width = MA + 10 cm
- MA = awning fixture width = order width
- EA = single unit
- KA = coupled unit
- BA = width between fixing points = awning fixture width
- H = nominal extension = order extension = overall extension
- MB = bracket fixture range
- (M) = motor drive operation side
- [...] = width of the cover gap on standard units; no cover gap in units with tracfix system
- AH = fixture height
- SH = support post height, standard height 2500 mm (special heights on request)
- DH = headroom
- W = awning pitch = 5° to 45°
- WS = distance from wall to support post
- Y = the support post can be moved in by a min. of 100 mm and a maximum of 1000 mm
- VB = height adjustment 10 cm
- AX = calculation value for the distance wall to support post centre WS (see table)
- XX = distance from upper edge of fixture bracket to upper edge of cassette (see table)
- ZX = calculation value for installation height AH (see table)
- 77780. = wall sealing profile (optional), effective up to a maximum awning pitch of 15°
- 76063. = face fixture cassette bracket assembly, left
- 76064. = face fixture cassette bracket assembly, right
- F3 = concrete base (refer to sales manual section "Dimensional overview, face fixture")
- * = measurement with cable exit to the rear (standard)
- ** = measurement with cable exit to the bottom (optional)

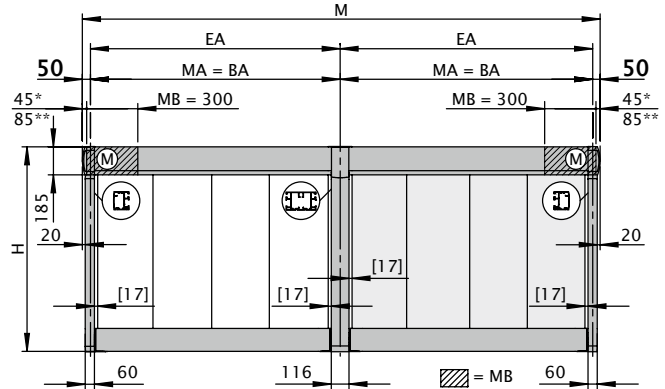
Dimensional overview coupled unit, 2 fields, 1 motor

drawing dimensions in mm



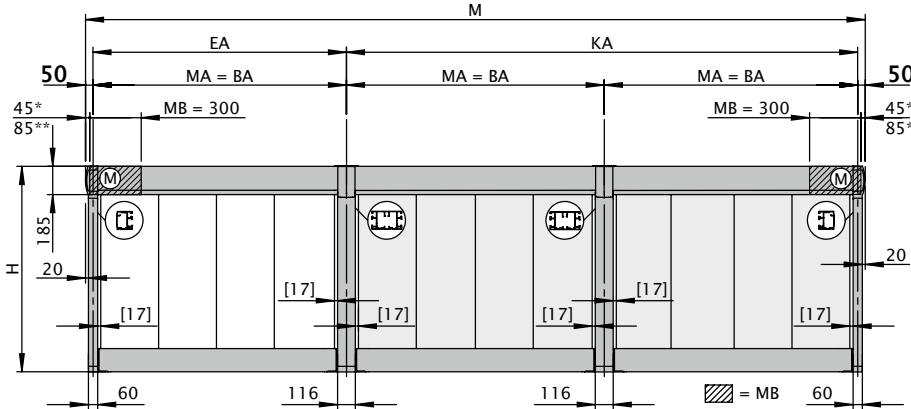
Dimensional overview coupled unit, 2 fields, 2 motors

drawing dimensions in mm



Dimensional overview coupled unit, 3 fields, 2 motors

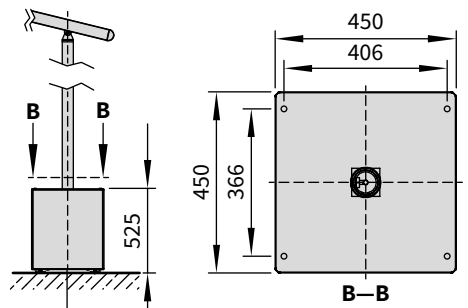
drawing dimensions in mm



Measurement overview stabilisation boxes

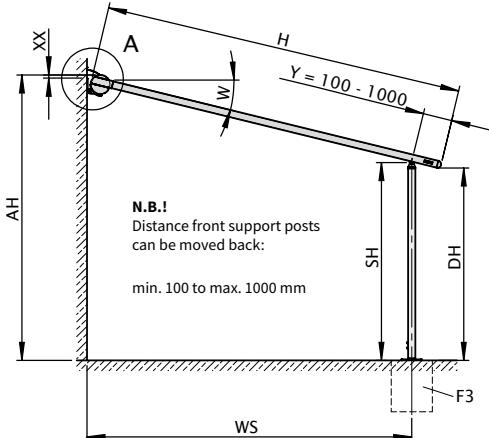
drawing dimensions in mm

N.B! Fill each of the stabilisation boxes on site with at least 100 kg of sand, gravel or pebbles.

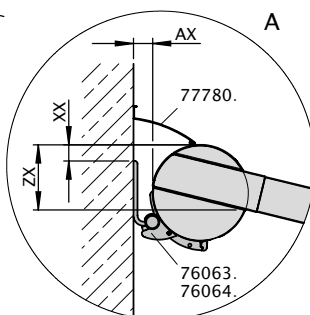


side view

drawing dimensions in mm



N.B.!
Distance front support posts can be moved back:
min. 100 to max. 1000 mm



- $AH = SH + ZX + \sin W \times (H - Y)$
- $SH = AH - ZX - \sin W \times (H - Y)$
- $WS = \cos W \times (H - Y) + AX$
- $DH = SH - \sin W \times Y$

W	AX	XX	ZX
5°	26	46	112
10°	32	38	120
15°	38	30	128
20°	44	22	135
25°	49	13	142
30°	54	4	149
35°	58	-5	156
40°	62	-15	161
45°	65	-24	167

Support post height:

Standard:
markilux pergola 110 and 210:
SH = support post height 3000 mm
(additional height adjustment at the foot of 100 mm)

Optional:
markilux pergola 110:
SH = support post height min. 360 mm up to max. 3000 mm
(additional height adjustment at the foot of 100 mm)

markilux pergola 210:
SH = support post height min. 1570 mm up to max. 3000 mm
(additional height adjustment at the foot of 100 mm)