

Pergola awnings Perea

Pergola awnings Perea P60

Rain protection

A guaranteed dry patio: The rainproof fabric with integrated PVC mesh, an integrated drainage gutter and rainwater drainage in the post drain away water in a controlled manner.

Slender and stable

High wind stability thanks to the patented secudrive® system and fixed reinforcement profile.

Durable

More protection, less soiling: The cloth disappears into the aperture cover panel when retracted.



Construction limit values

Maximum order width	6000 mm
Maximum order depth	5000 mm

Order here

myWAREMA

Art.-Nr. 2036164

Order form

<https://docs.warema.com/fi/2022022.pdf>

WAREMA tools

Collection Assistant

Sun Shading Planner

see "Navigating the document", Page 5

Components

Pergola awning Perea P60



Planning

Terrea

Perea

Patio
side screens

Climara

Supplementary
accessories

Components

Drive
variants

Standards

- 1 Wall connection profile
- 2 Cover panel
- 3 Shaft
- 4 Console
- 5 Awning fabric
- 6 Reinforcement profile

- 7 Drainage grid
- 8 Drainage gutter
- 9 Front rail
- 10 Guide rail
- 11 Pole

Cover panel

Cover panel - P40/P40 WE/P60

Material	Aluminium, extruded
Surface	Powder-coated
Width	210 mm
Height	180 mm

Shaft

Motor shaft Ø 70 mm

Material	Aluminium
Surface	Plain
Profile	Round profile
Diameter	70 mm

Fabric shaft Ø 86.2 mm

Material	Aluminium
Surface	Plain
Profile	Round profile
Diameter	86.2 mm

Front rail

Front rail - P40/P40 WE/P60

Material	Aluminium, extruded
Surface	Powder-coated
Width	113 mm
Height	74 mm

Reinforcement profile

Reinforcement profile Ø 60 mm

Material	Aluminium, extruded
Surface	Powder-coated
Diameter	60 mm

Pole

Pole - Perea patio frame

Maximum order height	3500 mm
Material	Aluminium, extruded
Surface	Powder-coated
Width	111 mm
Depth	111 mm

Base plate

Base plate - Internal P60

Material	Galvanised steel
Surface	Powder-coated
Width	91,5 mm
Height	50 mm
Depth	91.5 mm

The maximum pole height with internal base plate is 2500 mm.

Base plate - Ø 200 mm Perea

Material	Galvanised steel
Surface	Powder-coated
Diameter	200 mm

Niche base plate - P60/P70

Material	Galvanised steel
Width	155,5 mm
Height	6 mm
Diameter	200 mm
Dimensions, notes	Base plate is sloped on one side.

Base cover, optional

Base cover - P60/P70

Material	Aluminium
Surface	Powder-coated
Width	210 mm
Height	25 mm
Depth	210 mm

For base plate diameter 200 mm

Base cover for niche base plate - P60/P70

Material	Aluminium
Surface	Powder-coated
Width	171,5 mm
Height	25 mm
Depth	210 mm

Drainage

Drainage grid

Material	PVC
Material colour	Black
Depth	30 mm

The drainage grid runs across the entire order width.

Small drainage gutter 110x110

Material	Aluminium, extruded
Surface	Powder-coated
Width	110 mm
Height	110 mm

Drainage in pole - P60/P70

Drainage via drainage profile in pole.

Position of drainage outlet:

- Can be on any side of the pole (front/rear/right/left).
- Height min.: 100 mm
- Max. height: 250 mm below the headroom

Drainage, optional

Large drainage gutter 150x150

Material	Aluminium, extruded
Surface	Powder-coated
Width	150 mm
Height	150 mm

If front-mounted awnings/GranTex with easyZIP guidance are to be installed, the large drainage gutter is required.

Wall connection profile

Wall connection profile with large rain hood - P60

Material	Aluminium
Surface	Powder-coated
Width	128 - 139 mm
Height	52 mm
Dimensions, notes	The adjustment range in the width between rain hood and wall connection profile is up to 11 mm.

Console

Wall console type A - 550/P40/P40 WE/P60

Material	Aluminium, extruded
Width	140 mm
Height	140 mm
Depth	29 mm

Wall console type B - 550/P40/P40 WE/P60

Material	Aluminium, extruded
Width	185 mm
Height	140 mm
Depth	29 mm

Wall installation with 3 drilled holes

Ceiling console type E - 550/P40/P40 WE/P60

Material	Aluminium, extruded
Surface	Powder-coated
Width	100 mm
Height	183 mm
Depth	182 mm

Console for rafters type F - 550/P40/P40 WE/P60

Material	Aluminium
Surface	Powder-coated
Width	100 mm
Height	413 mm
Depth	182 mm

Guide variants

- secudrive®

Guide rail

Guide rail - Perea straight

Material	Aluminium, extruded
Surface	Powder-coated
Width	65 mm
Height	80 mm

Drive variants

- Motor

Motor

- WM REA

Radio motor, optional

- WMS-PM (WMS)

⊕ see "Drive variants", Page 471

Colours

- WAREMA Colour World

⊕ see "Colours and finishes", Page 10

Fabric qualities

- Sunworker Top
- Sunvas Perla FR

⊕ see "Awning collection", Page 460

Supplementary accessories

- Integrated lighting
- LED strip light rail
- Radiant heater
- Front-mounted awnings with easyZIP guidance
- PVC viewing field
- GranTex with easyZIP guidance
- Stretcher frame
- Patio frame
- Power socket

⊕ see "Supplementary accessories", Page 325

Notes

Water drainage

Water drainage in the drainage gutter is ensured only when the awning is **fully extended**.

Depending on the sizes, tolerances and temperature, **small amounts of water** may begin to accumulate on the fabric, between the grille and front rail. This accumulation of water does not pose any functional problems and cannot damage the unit.

Water may also run through the grille in the fabric and enter the drainage hole in the centre of the cover panel if the awning is moved while wet. This can cause the **rain-protected area to become wet** when the awning is extended.

Planning permission

Pergola awnings require planning permission, depending on their overall size and the local regulations.

Fixing of the radiant heater

It is not possible to fix the radiant heaters directly to Perea pergola awnings.

Construction limit values

Configuration variants	Minimum order width	Maximum order width	Minimum order depth	Maximum order depth	Maximum order area	Minimum inclination angle	Maximum inclination angle
Fabric qualities							
Sunworker Top / Sunvas Perla FR	950 mm	6000 mm	800 mm	5000 mm	30 m ²	9 °	15 °

Series-mounted units:

- Generally, only individual units are possible, i.e. no unit coupling!
- Lining up of two pergola awnings is possible with a flush closure.
- Each awning section requires two single guide rails.
- The guide rails are installed on the poles directly using guide rail brackets for small drainage gutters and on the rain gutter directly using brackets for large drainage gutters.
- The water must be drained via the two outer poles.

Dimensions

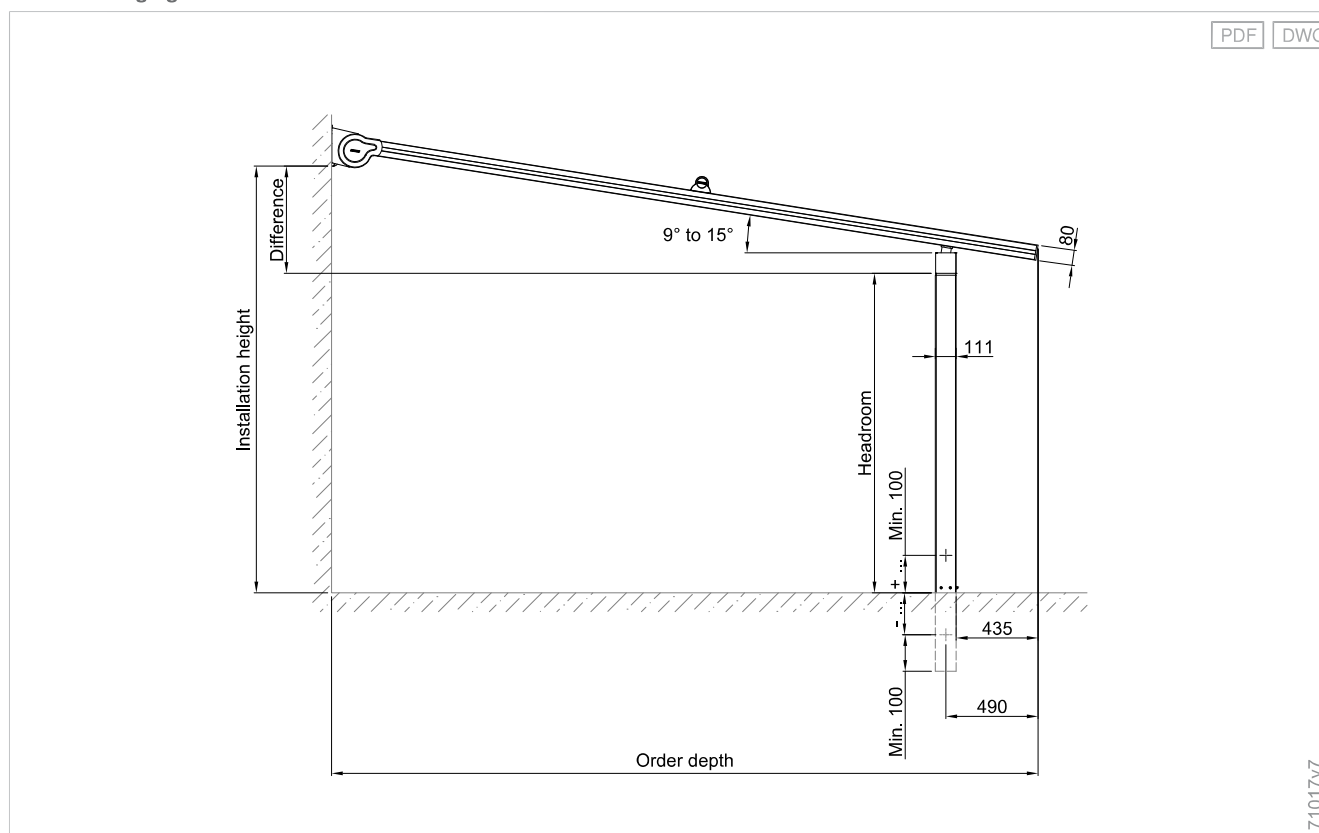
Weight per running metre: 17 - 22 kg/lfm

Weight per running metre, notes: Cover panel without consoles, without guide rails, drainage gutters and poles.

Dimension determination

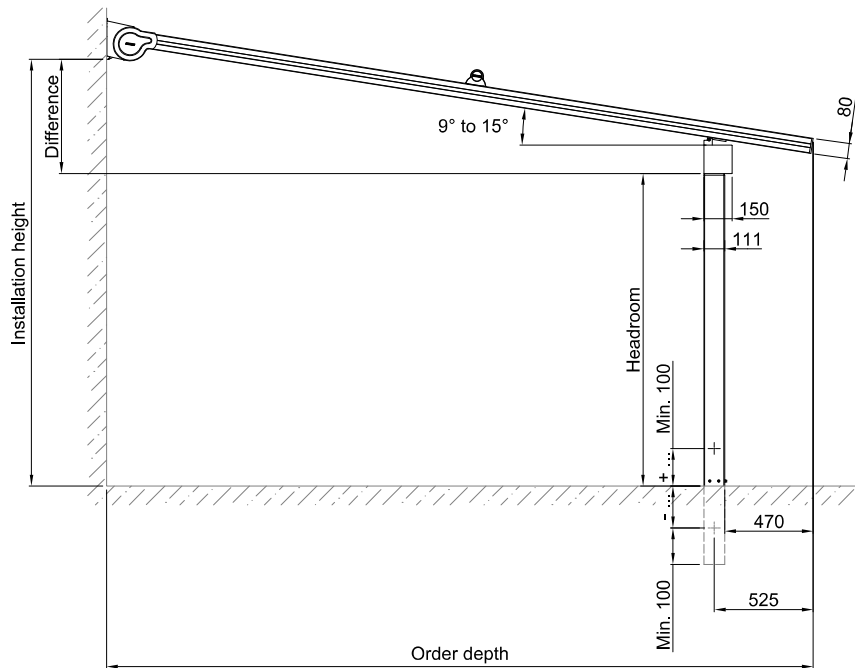
Determining the installation height differs for ceiling console!

Small drainage gutter - P60



Large drainage gutter - P60

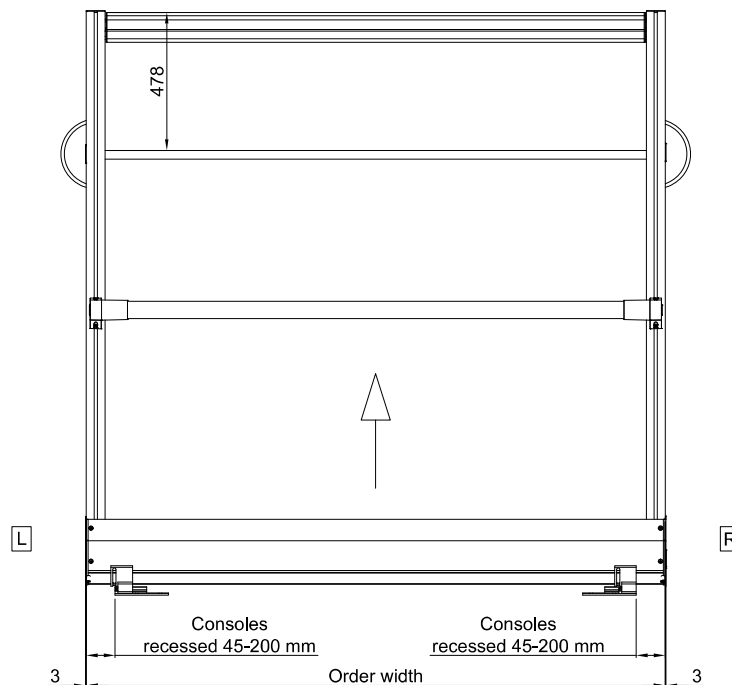
PDF DWG



71576v3

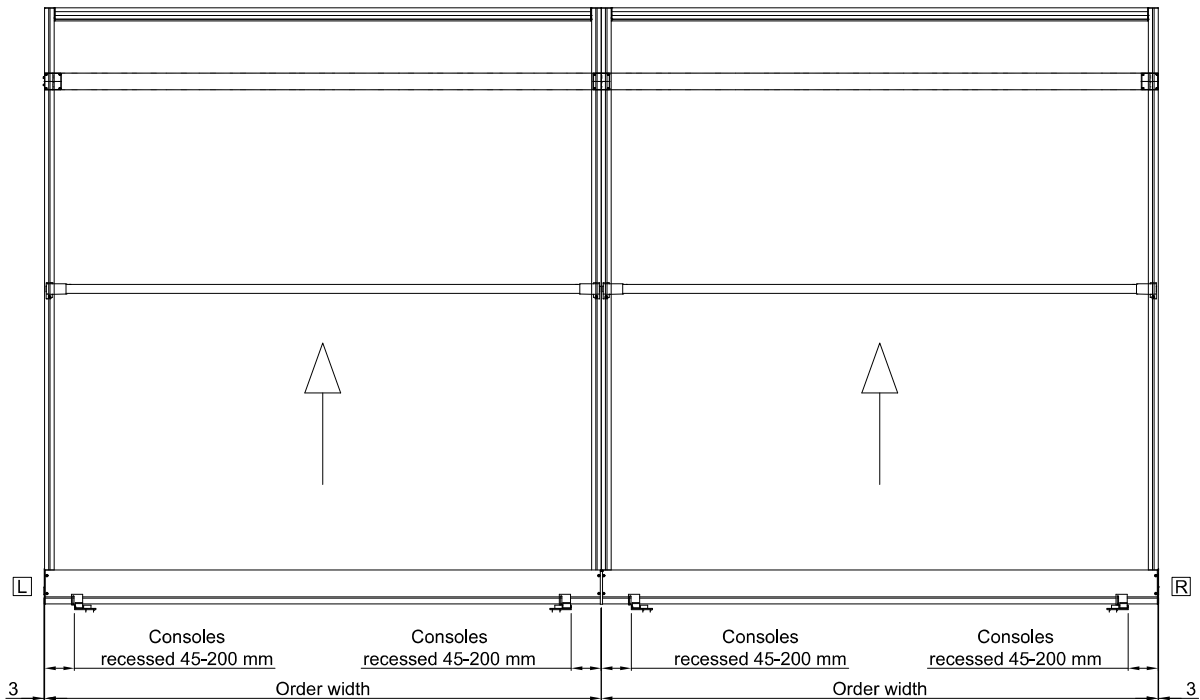
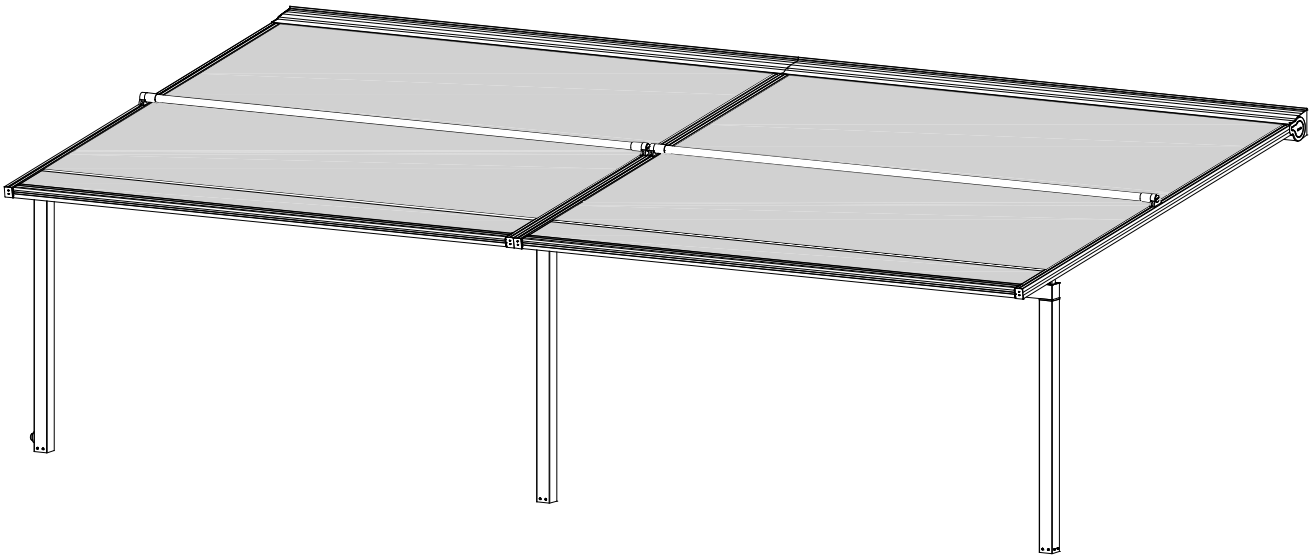
Top view for individual units

PDF DWG



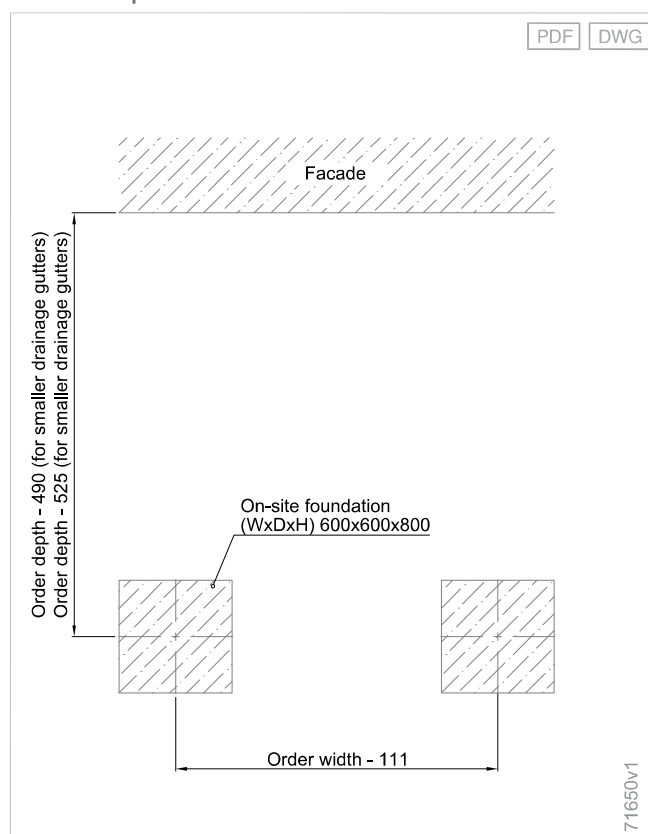
71466v2

The position of the drainage grid is measured from the leading edge of the front profile to the leading edge of the drainage grid and is generally defined to be 478 mm.



74289

Foundation plan - P60



Dimension determination

Minimum difference between installation height and headroom

Configuration variants	Order depth	2000 mm	2500 mm	3000 mm	3500 mm	4000 mm	4500 mm	5000 mm
Fabric qualities								
Sunworker Top / Sunvas Perla FR	Minimum difference	324 mm	403 mm	483 mm	562 mm	641 mm	720 mm	799 mm

This is the minimum difference between the installation height and the headroom for the **minimum inclination of 9°** required for rainwater drainage.

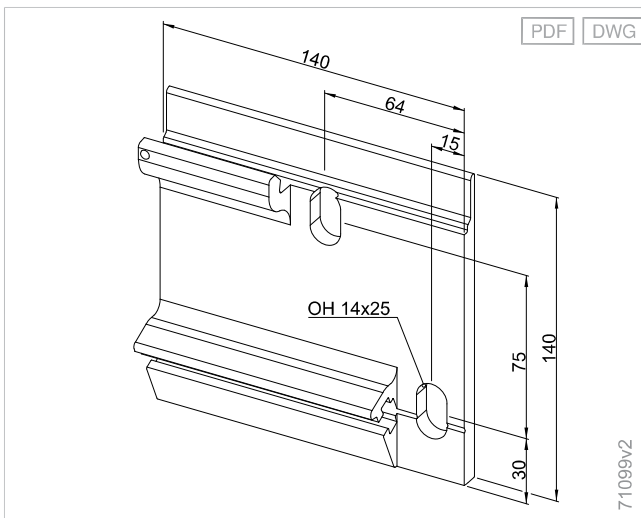
Quantity determination

Number of consoles, individual unit

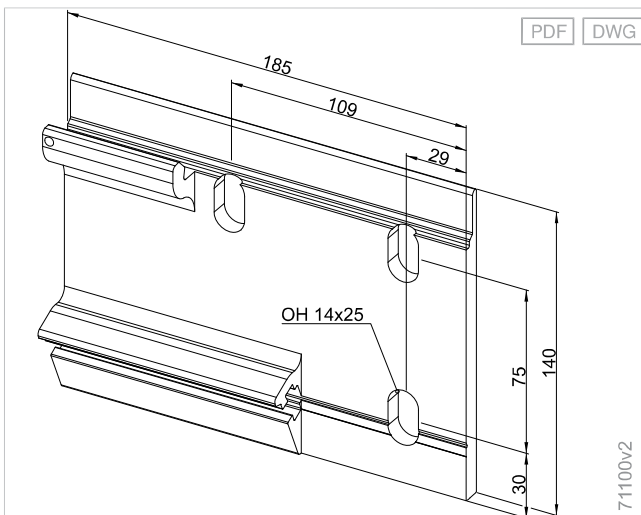
Configuration variants	Order width	Order depth 800 - 5000 mm
Console/Bracket		
Wall console / Ceiling console / Console for rafters	950 - 6000 mm	2

Details

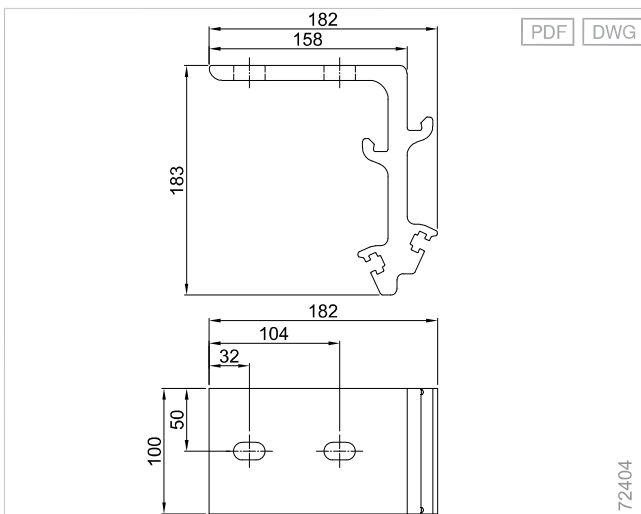
Wall console type A, right console; left console laterally reversed - 550/P40/P40 WE/P60



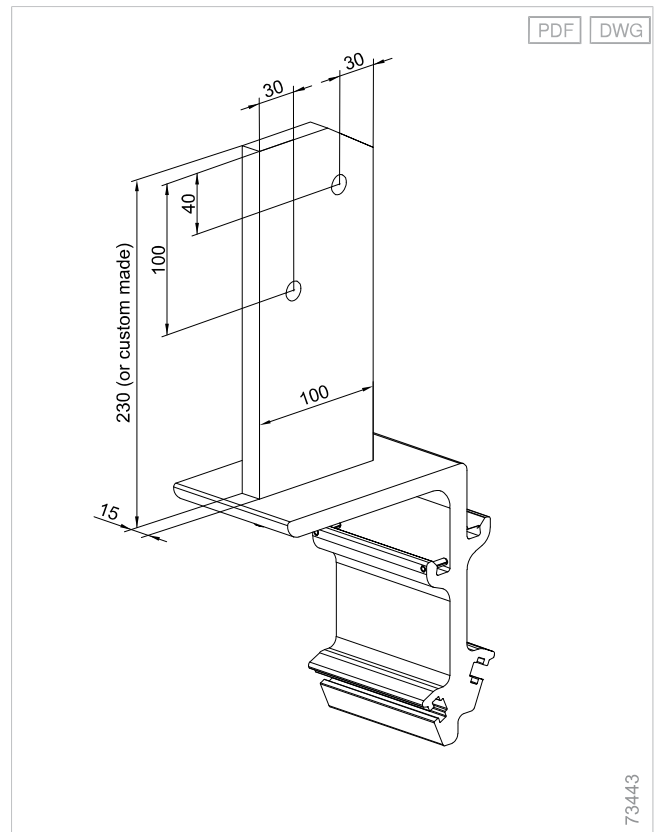
Wall console type B, right console; left console laterally reversed - 550/P40/P40 WE/P60



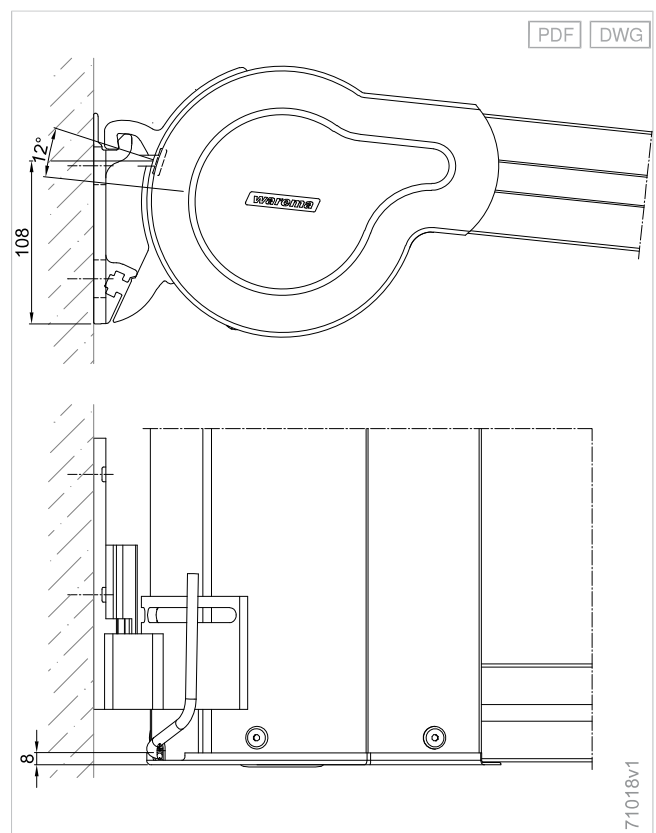
Ceiling console type E - 550/P40/P40 WE/P60



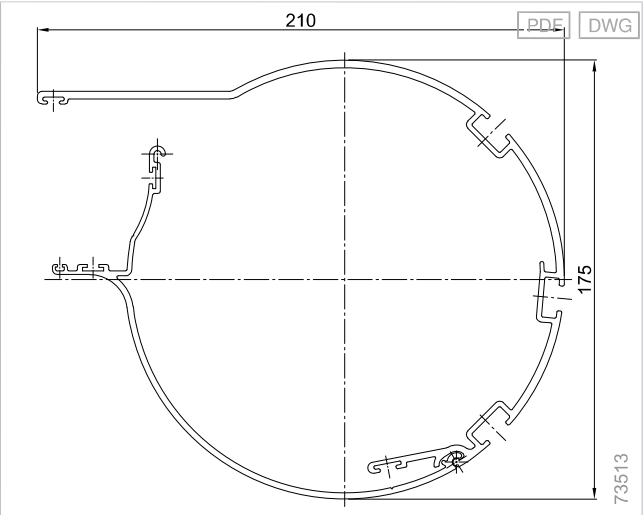
550/P40/P40 WE/P60, console for rafters type F



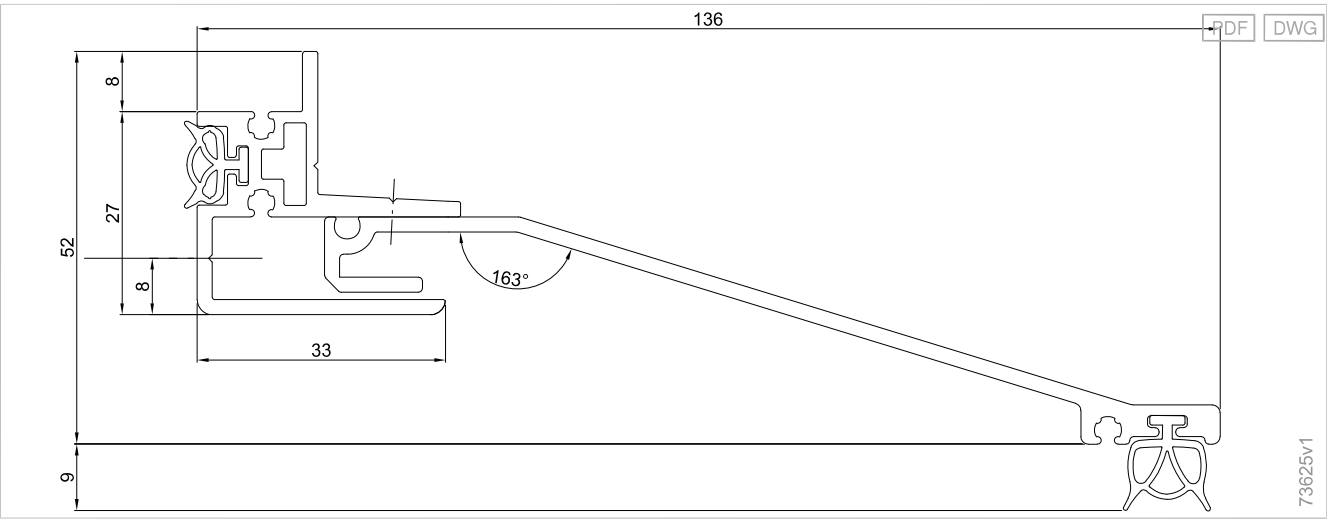
Cable exit - P60



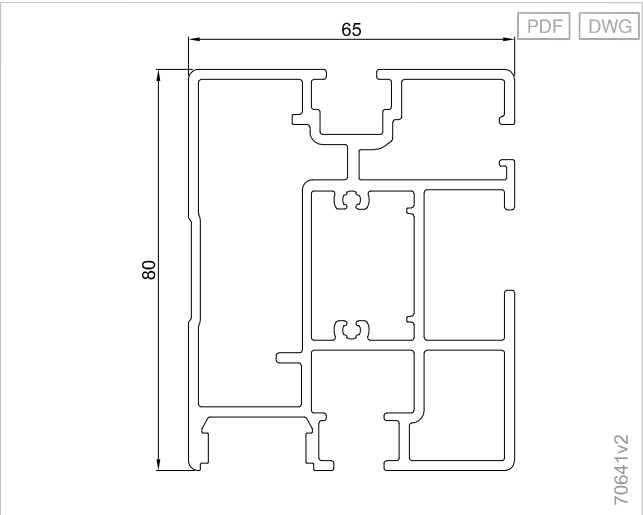
Cover panel - P40/P40 WE/P60



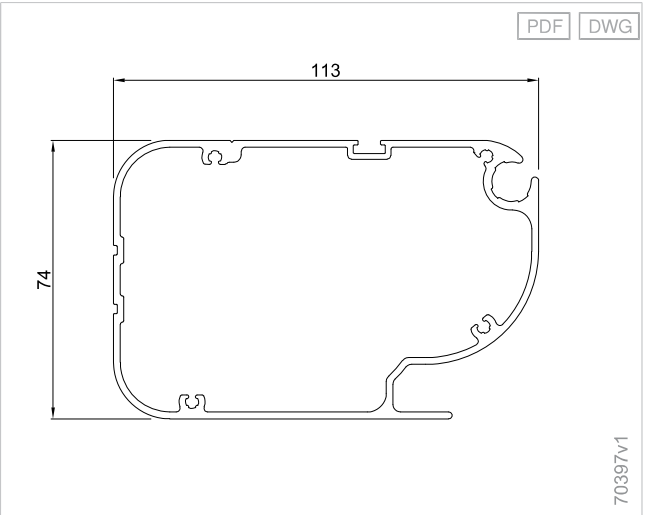
Wall connection profile with large rain hood - P60



Guide rail - P40/P40 WE/P60



Front rail - P40/P40 WE/P60



Planning

Terrea

Perea

Patio
side screens

Climara

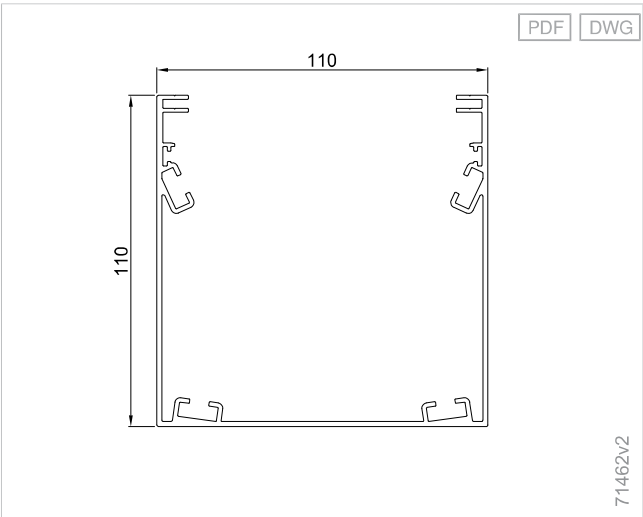
Supplementary
accessories

Components

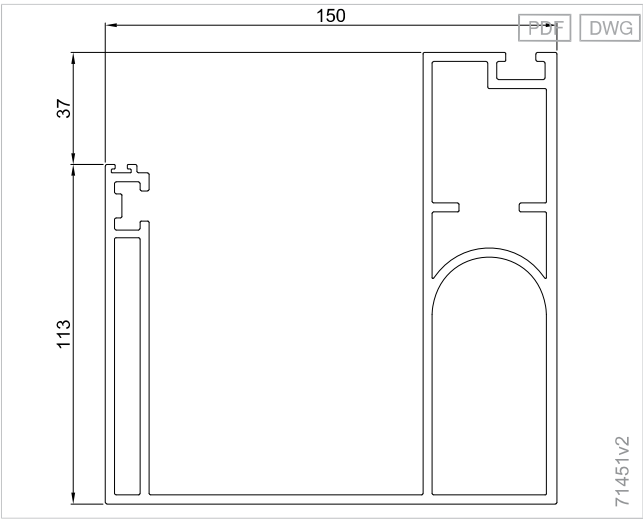
Drive
variants

Standards

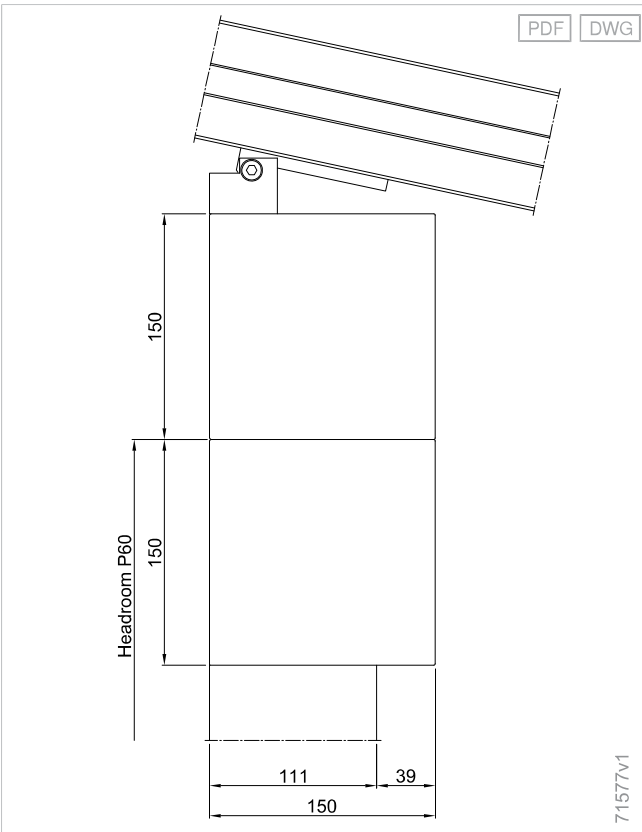
Small drainage gutter - P60



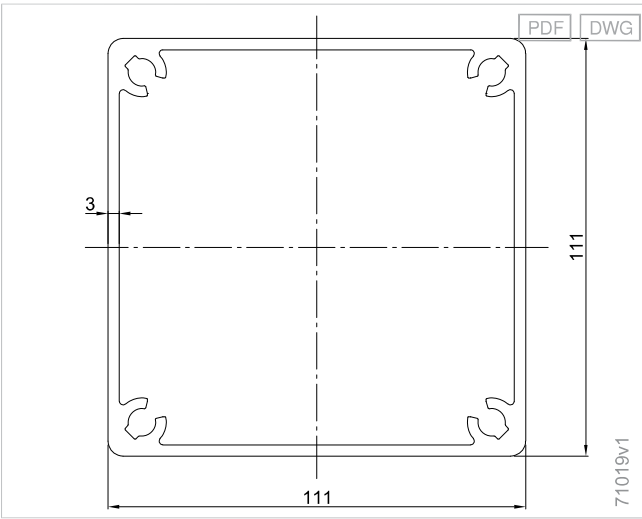
Large drainage gutter - P60/P70



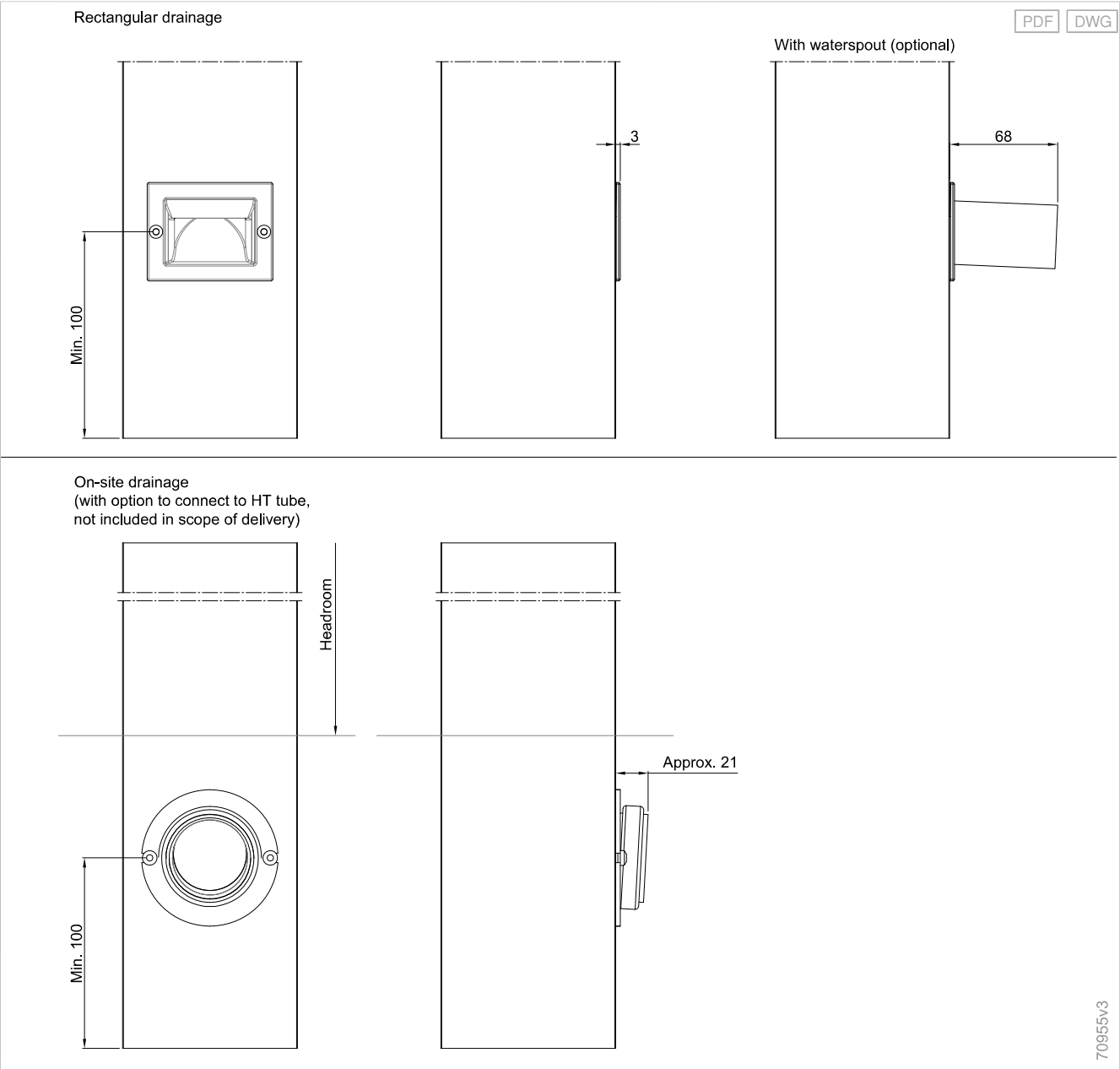
Large drainage gutter with front-mounted awning with easyZIP guidance size 15 cover panel - P60



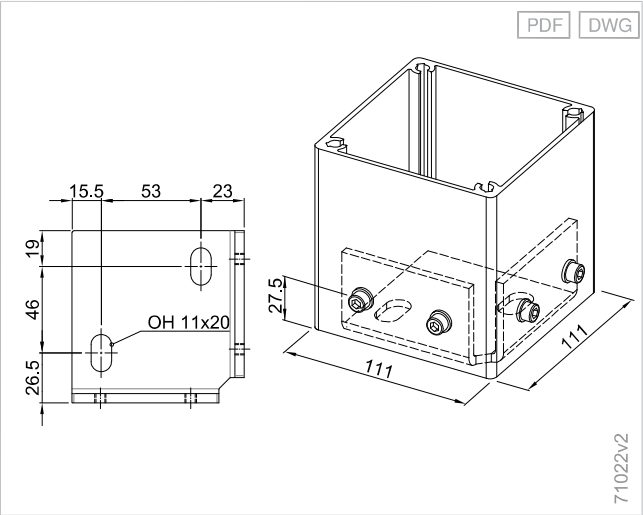
Pole - Perea patio frame



Position of drainage - P60/P70



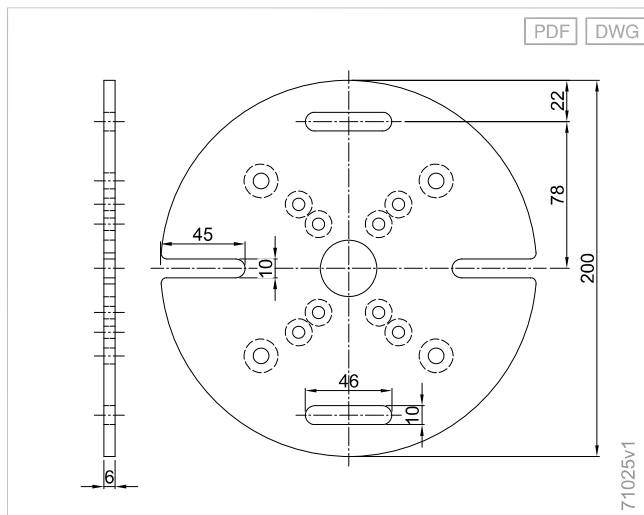
Pole attachment, inside base plate - P60



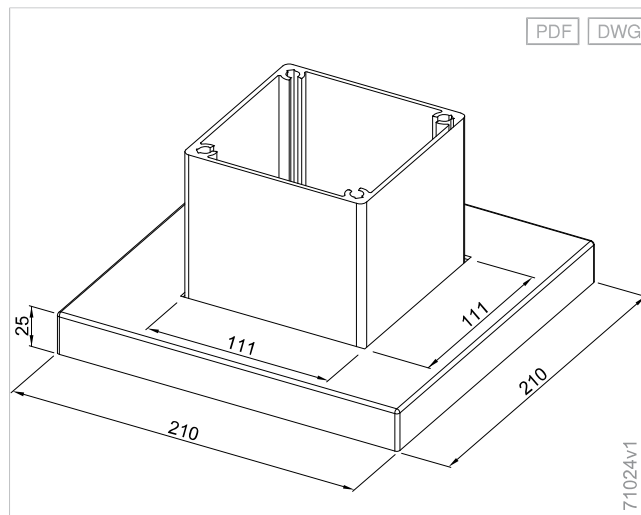
The screw connections are on the outside at the front when looking in the awning's direction of movement.

The internal base plate is suited to recess installation. For this, the screw connection may be on other side of the pole.

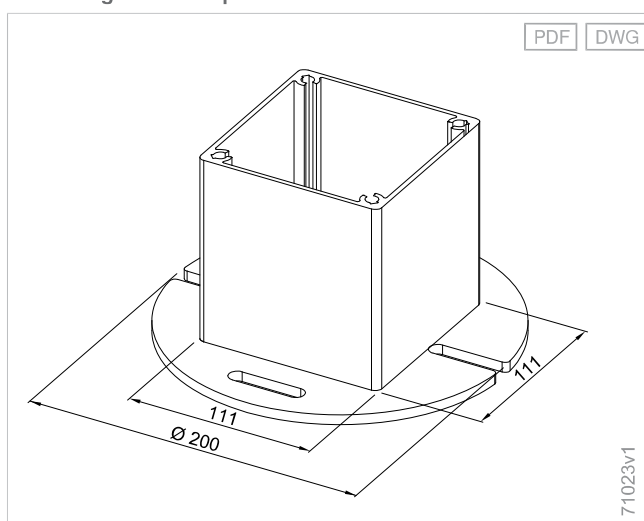
Pole fixing base plate - P20/P40/P40 WE/P60/P70



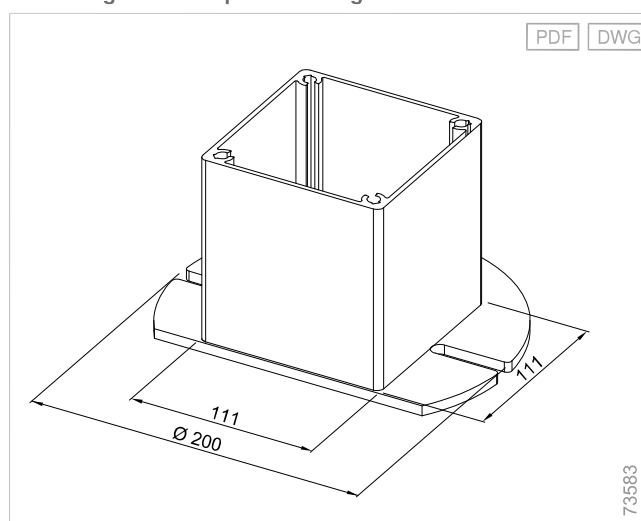
Base cover - P60/P70



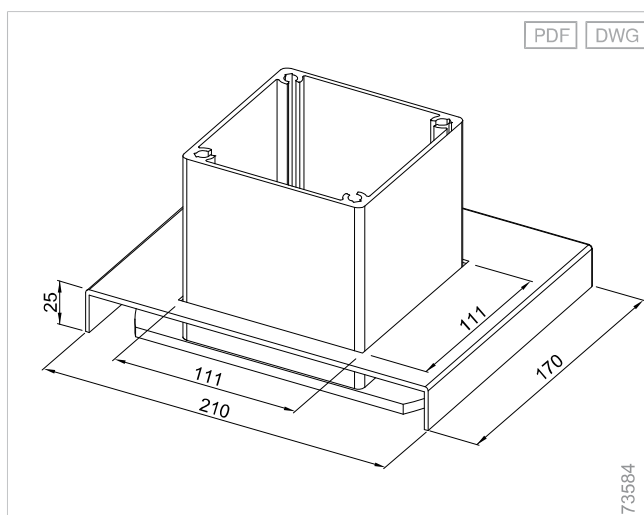
Pole fixing with base plate - P60/P70



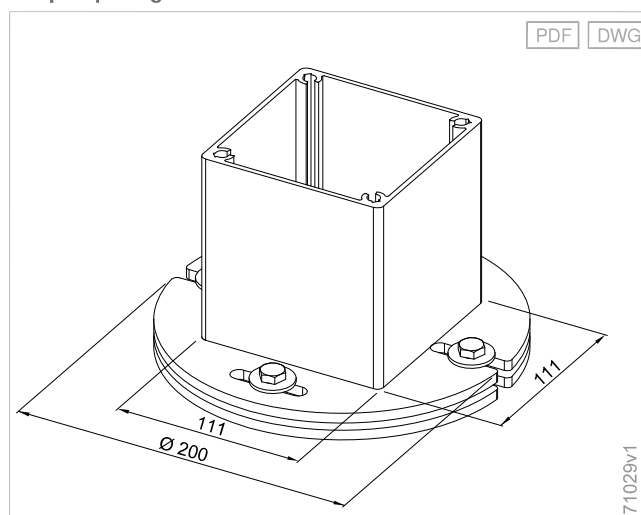
Pole fixing with base plate flush right/left - P60/P70



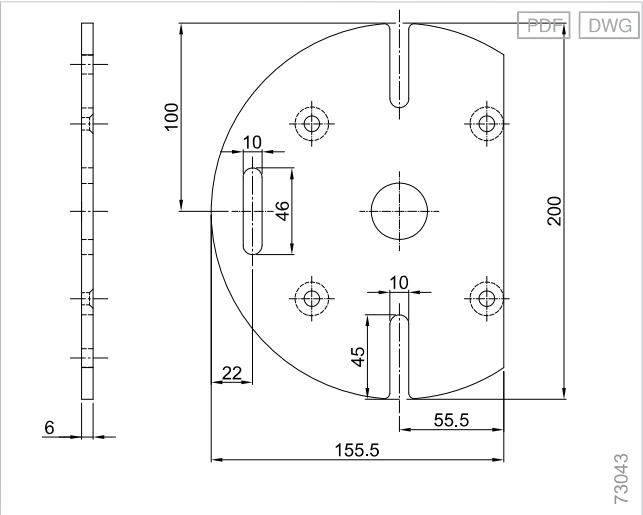
Base cover for recess installation- P60/P70



Adapter plate ground screw - P60/P70



Recess installation base plate - P60/P70



Planning

Terrea

Perea

Patio
side screens

Climara

Supplementary
accessories

Components

Drive
variants

Standards

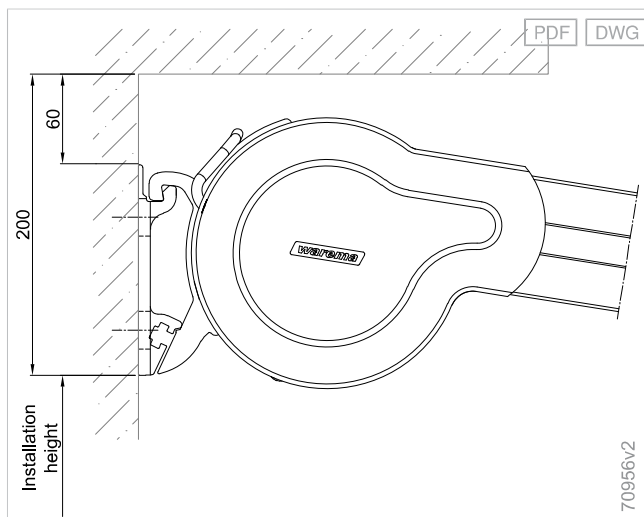
Additional product information

Pole installation options

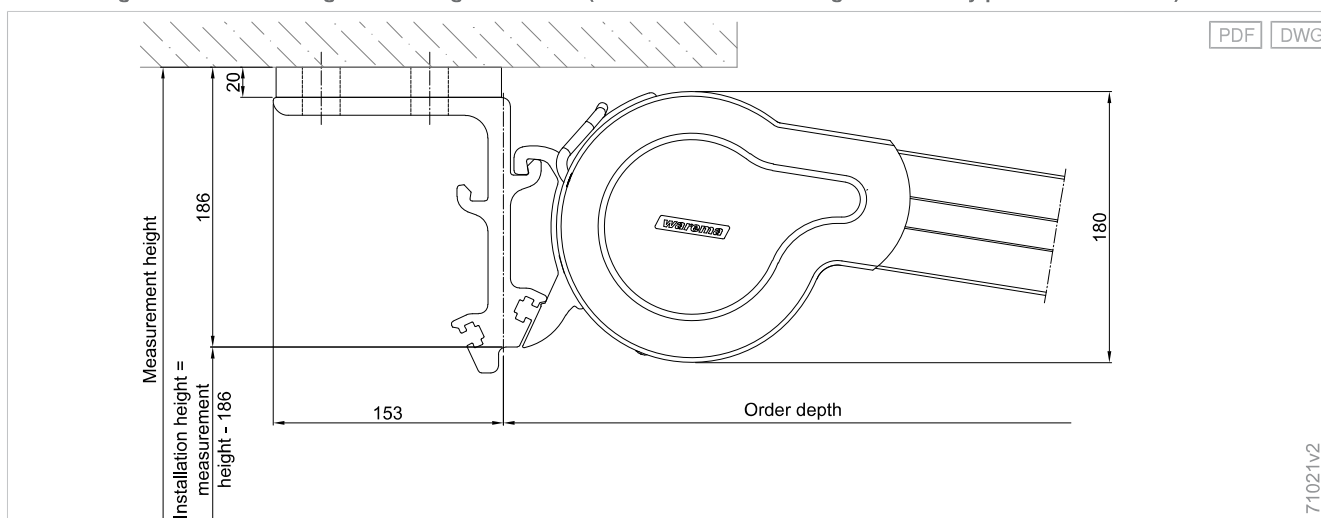
- Ground installation with frost-proof, on-site foundation, dimensions (WxDxH) 600×600×800 mm
- The grout for filling the clearance is not included in the scope of delivery when **threaded rods** are used

Mounting examples

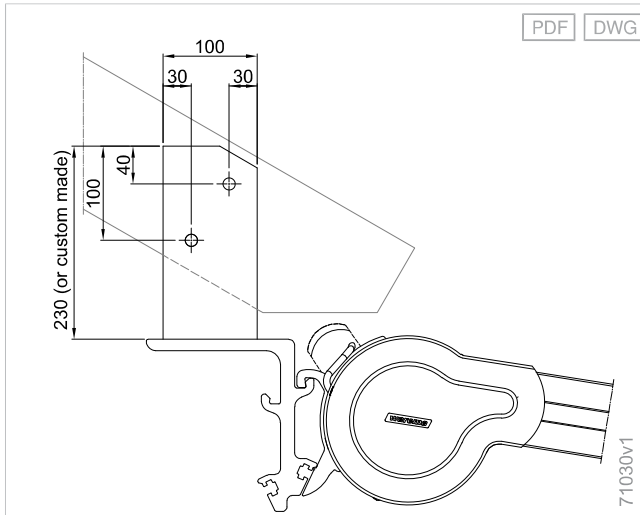
Determining the installation height for wall installation - P60



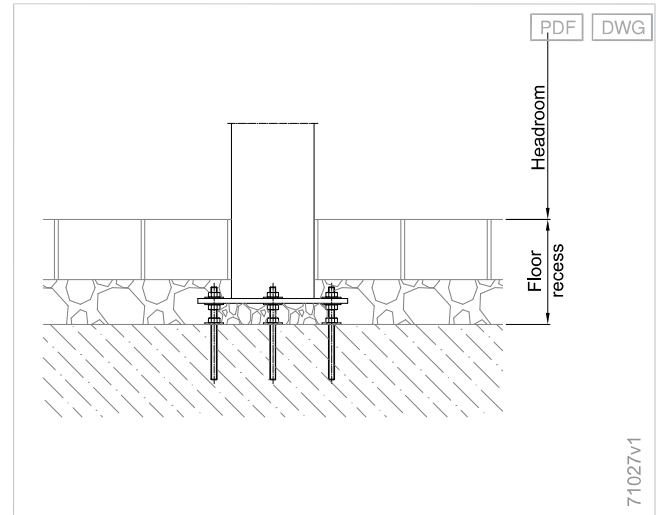
Determining the installation height for ceiling installation (installation of the ceiling console only possible as shown) - P60



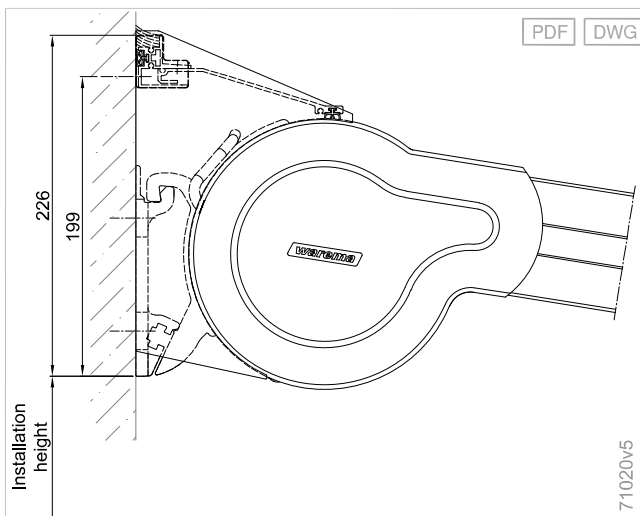
Rafter installation - P60



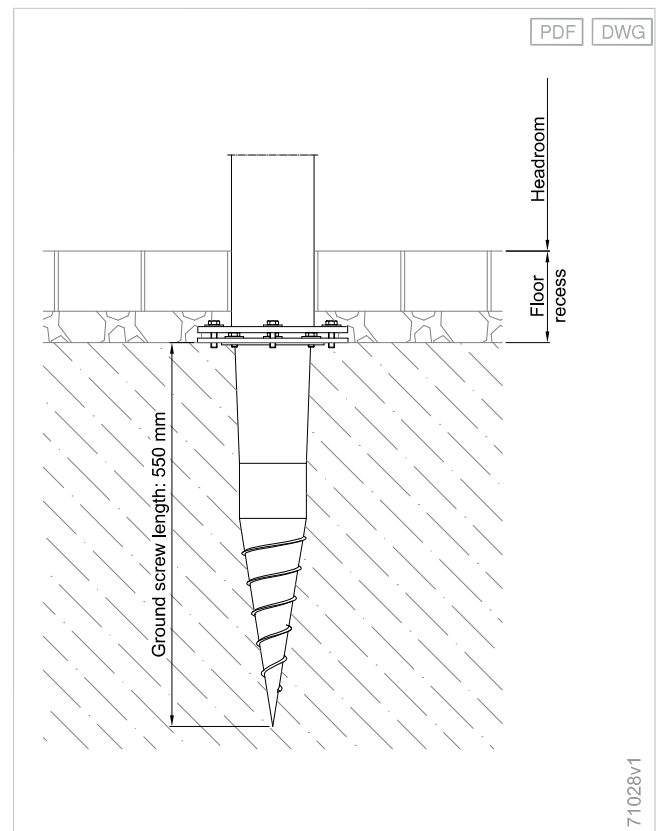
Fixing with clearance on concrete foundation - P60/P70



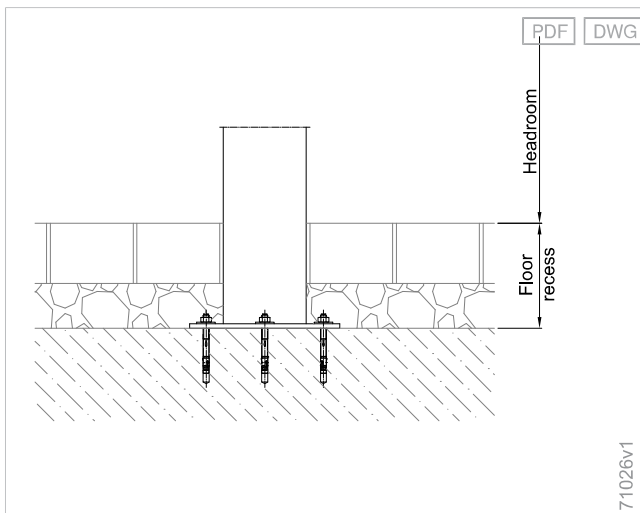
Wall connection profile with large rain hood



Fixing with ground screw - P60/P70



Fixing without clearance on concrete foundation - P60/P70



Krinner ground screws made of zinc-coated steel can be used to install the poles. The adapter plate for Krinner ground screw KSF 89x550 is required. The grout for filling the clearance is not included in the scope of delivery.

Planning

Terrea

Perea

Patio side screens

Climara

Supplementary accessories

Components

Drive variants

Standards