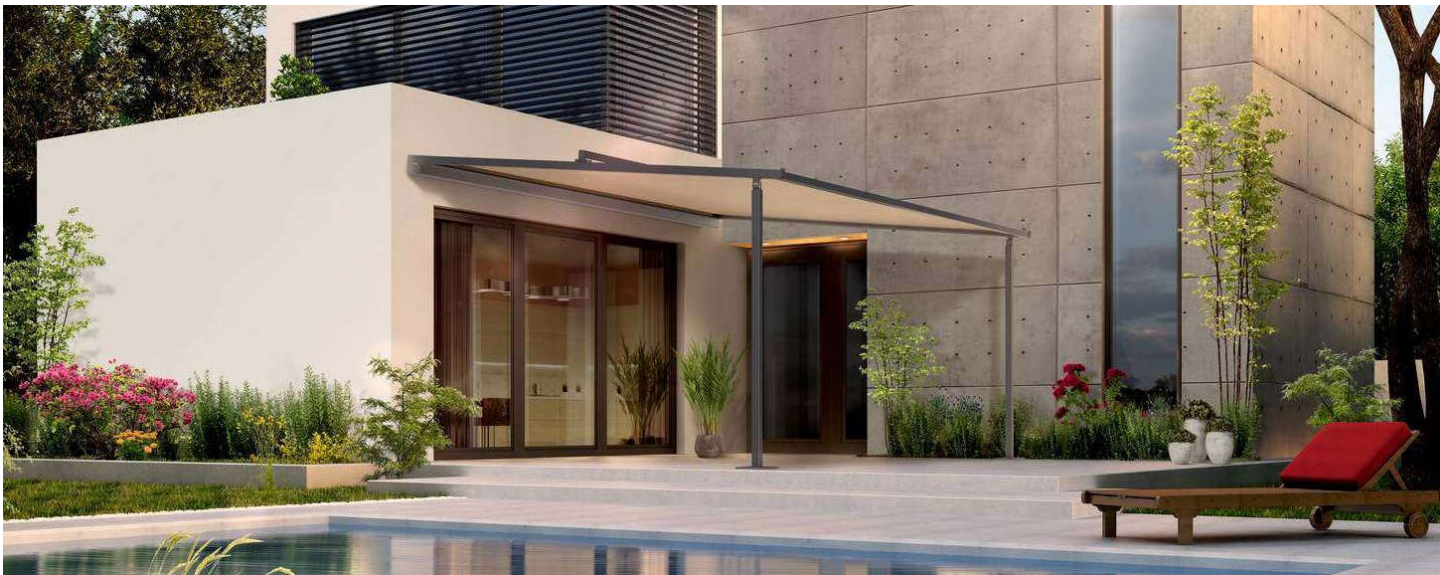




Pergola awnings Perea

Pergola awnings Perea P20

Slender

Thanks to the slim construction, the pergola awning looks particularly slender.

Modern

The square design blends harmoniously into cubic architecture.

Stable

Functional and elegant: With secudrive® technology, the fabric runs tightly and securely on the rail - a fixed or travelling reinforcement profile additionally tensions the fabric.

Construction limit values

Maximum order width	6500 mm
Maximum order depth	6000 mm

Order here

myWAREMA

[Art.-Nr. 2036166](#)

Order form

<https://docs.warema.com/fi/2041143.pdf>

WAREMA tools

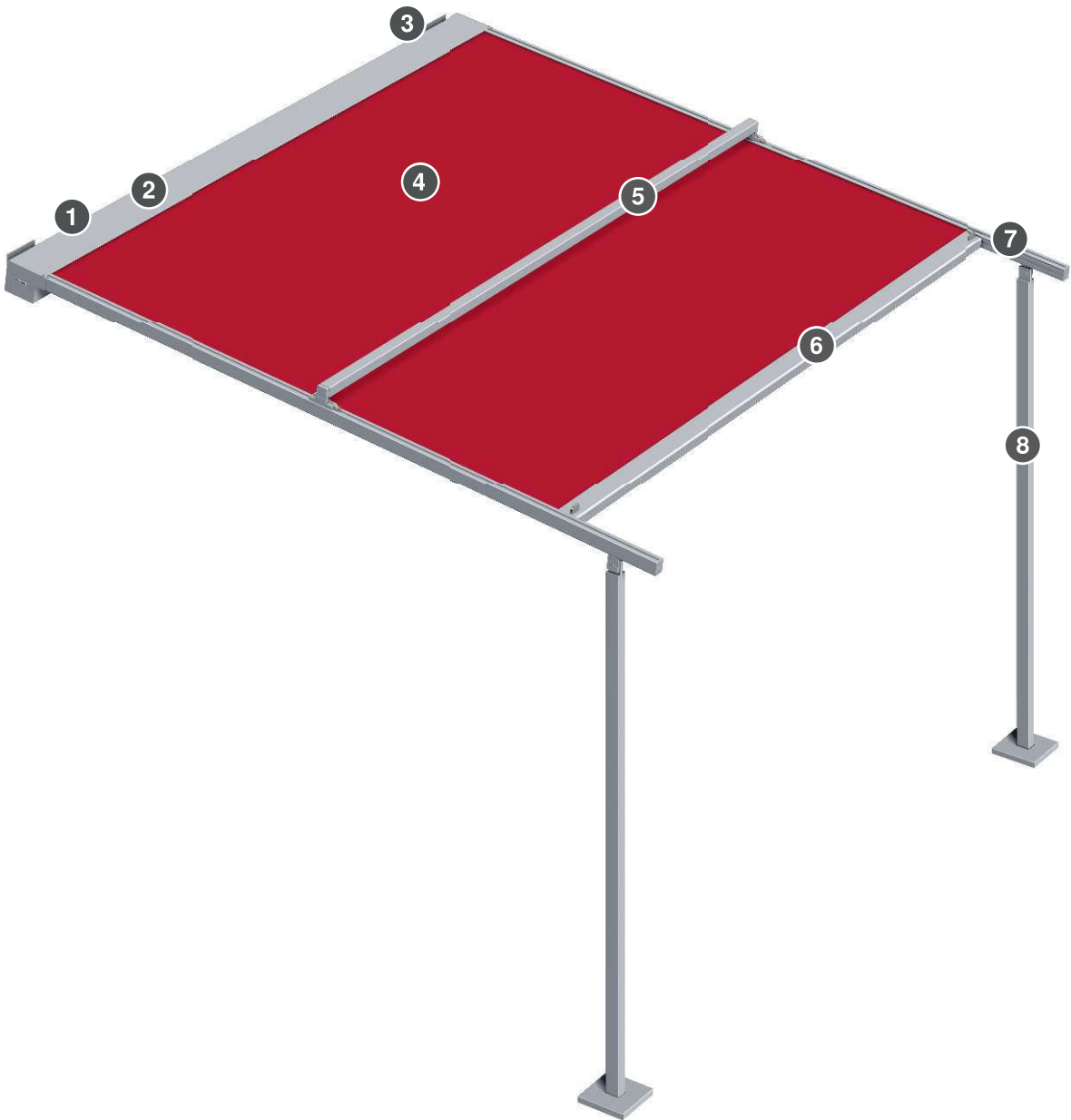
[Collection Assistant](#)

[Sun Shading Planner](#)

[see "Navigating the document", Page 5](#)

Components

Perea P20 pergola awning



Planning

Terrea

Perea

Patio
side screens

Climara

Supplementary
accessories

Components

Drive
variants

Standards

- 1 Cover panel
- 2 Shaft
- 3 Console
- 4 Awning fabric

- 5 Reinforcement profile
- 6 Front rail
- 7 Guide rail
- 8 Pole

Cover panel

Cover panel rectangular - P20/W10/W10²/W20

Material	Aluminium, extruded
Surface	Powder-coated
Width	194 mm
Height	144 mm

+ Side cover

Side cover, cover panel, rectangular - P20/W10/W20

Material	Aluminium
Surface	Powder-coated
Width	209 mm
Height	146 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 - W9/W10/W10²/W19/W20/P20/H1

Material	Aluminium, extruded
Surface	Powder-coated
Width	94 mm
Height	54 mm

Reinforcement profile

Reinforcement profile, rectangular - P20/W20

Material	Aluminium, extruded
Surface	Powder-coated
Width	50 mm
Height	50 mm

Reinforcement profile, optional

Travelling reinforcement profile, rectangular - P20/W20

Material	Aluminium, extruded
Surface	Powder-coated
Width	50 mm
Height	50 mm

Space required for travelling reinforcement profile:

The installation space for the travelling reinforcement profile is 134 mm from the top edge of the guide rail to the eaves, for example.

Pole

Pole - Perea

Maximum order height	2500 mm
Material	Aluminium, extruded
Surface	Powder-coated
Width	45 mm
Depth	60 mm

Notes on construction limit values:

Offset:

Max. 1/3 of order depth;

Max. 1200 mm; min. 105 mm

Base plate

Base plate - Ø 200 mm Perea

Material	Galvanised steel
Surface	Powder-coated
Diameter	200 mm

Base cover, optional

Base cover - P20

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

Wall connection profile, optional

- Wall connection profile with small rain hood
- Wall connection profile with large rain hood

➕ see "Wall connection profiles", Page 459

Console

Wall console type A - P20

Material	Aluminium, extruded
Width	171 mm
Height	140 mm
Depth	28 mm

Ceiling console type E - P20

Material	Aluminium, extruded
Surface	Powder-coated
Width	171 mm
Height	180 mm
Depth	150 mm

Console for rafters type F - P20

Material	Aluminium
Surface	Powder-coated
Width	171 mm
Height	410 mm
Depth	178 mm

Guide variants

- secudrive®

Guide rail

Guide rail - P20/W20

Material	Aluminium, extruded
Surface	Powder-coated
Width	45 mm
Height	60 mm

Drive variants

- Motor

Motor

- WM REA

Radio motor, optional

- WMS-WM (WMS)
- WMS-PM (WMS)
- W-WM (EWFS)

⊕ see "Drive variants", Page 471

Colours

- WAREMA Colour World

⊕ see "Colours and finishes", Page 10

Fabric qualities

- Acrylic fabric

Fabric qualities, optional:

- All Weather acrylic
- Starlight Blue
- Soltis 92
- Screen fabric 4 % / 5 %
- Twilight Pearl

⊕ see "Awning collection", Page 460

Supplementary accessories

- Integrated lighting
- Radiant heater
- LED strip light rail
- Perea patio frame
- WMS sensor system
- Drainage cutouts

⊕ see "Supplementary accessories", Page 325

Notes

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.

Processing of Twilight Pearl

In awnings with a secudrive® guidance, the awning fabric is fastened to the spring steel strip with a fabric strip (light grey) visible at the side.

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							
Acrylic fabric / Starlight Blue	695 mm	6500 mm	950 mm	6000 mm	30 m ²	0 °	15 °
All Weather acrylic / Twilight Pearl	695 mm	6500 mm	950 mm	6000 mm	28 m ²	0 °	15 °
Soltis 92 / Screen fabric 4 % / 5 %	695 mm	3500 mm	950 mm	4000 mm	14 m ²	0 °	15 °

Reinforcement profile:

- From order depths of 2501 mm, a reinforcement profile (fixed or travelling) is used.

Series-mounted units:

- Generally, only individual units are possible, i.e. no unit coupling!
- The lining up of several pergola awnings is possible with a flush closure.
- Each awning section requires two single guide rails.
- The installation of two guide rails on one pole is possible with an adapter plate.
- In the case of a series-mounted unit, an expansion joint of 20 mm is required after 13000 mm!

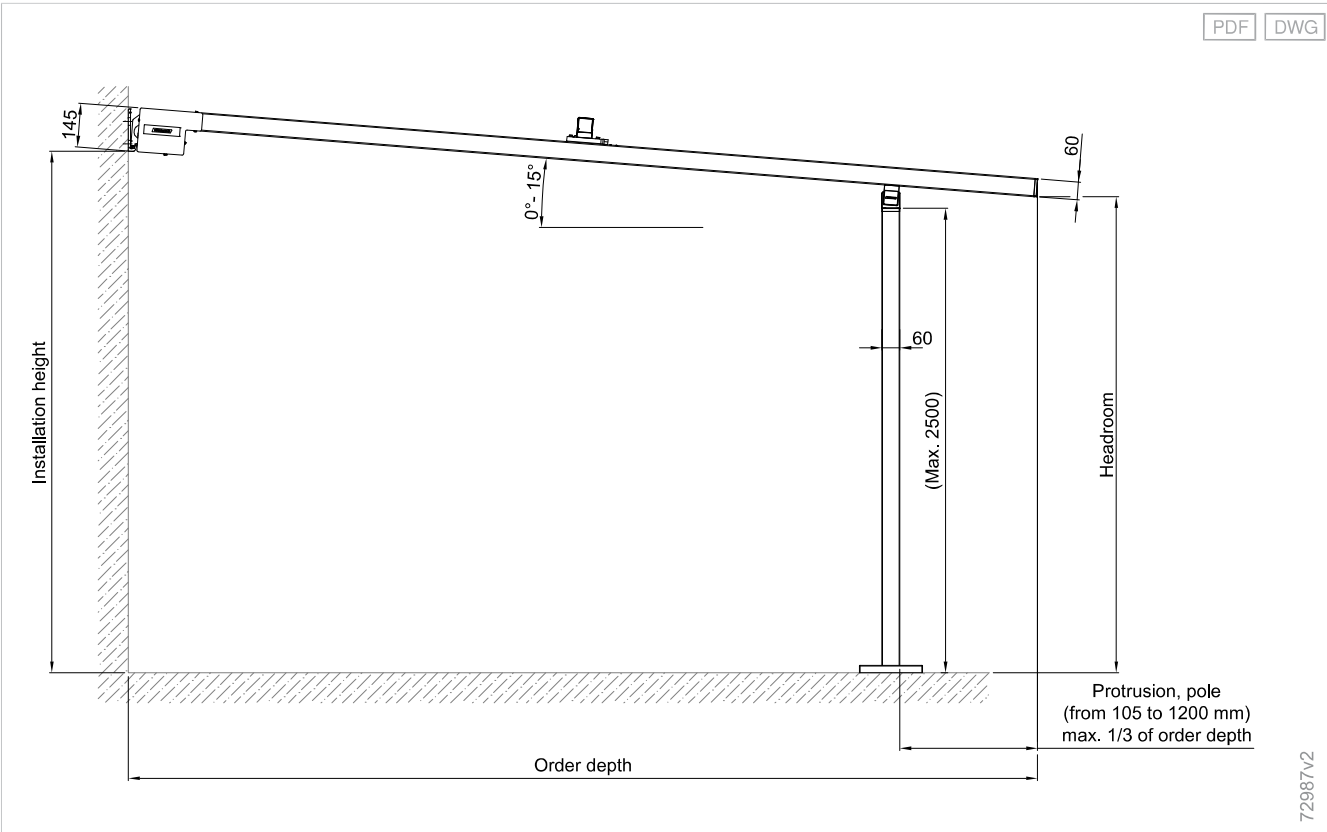
Dimensions

Weight per running metre: 13,5 - 15,5 kg/lfm

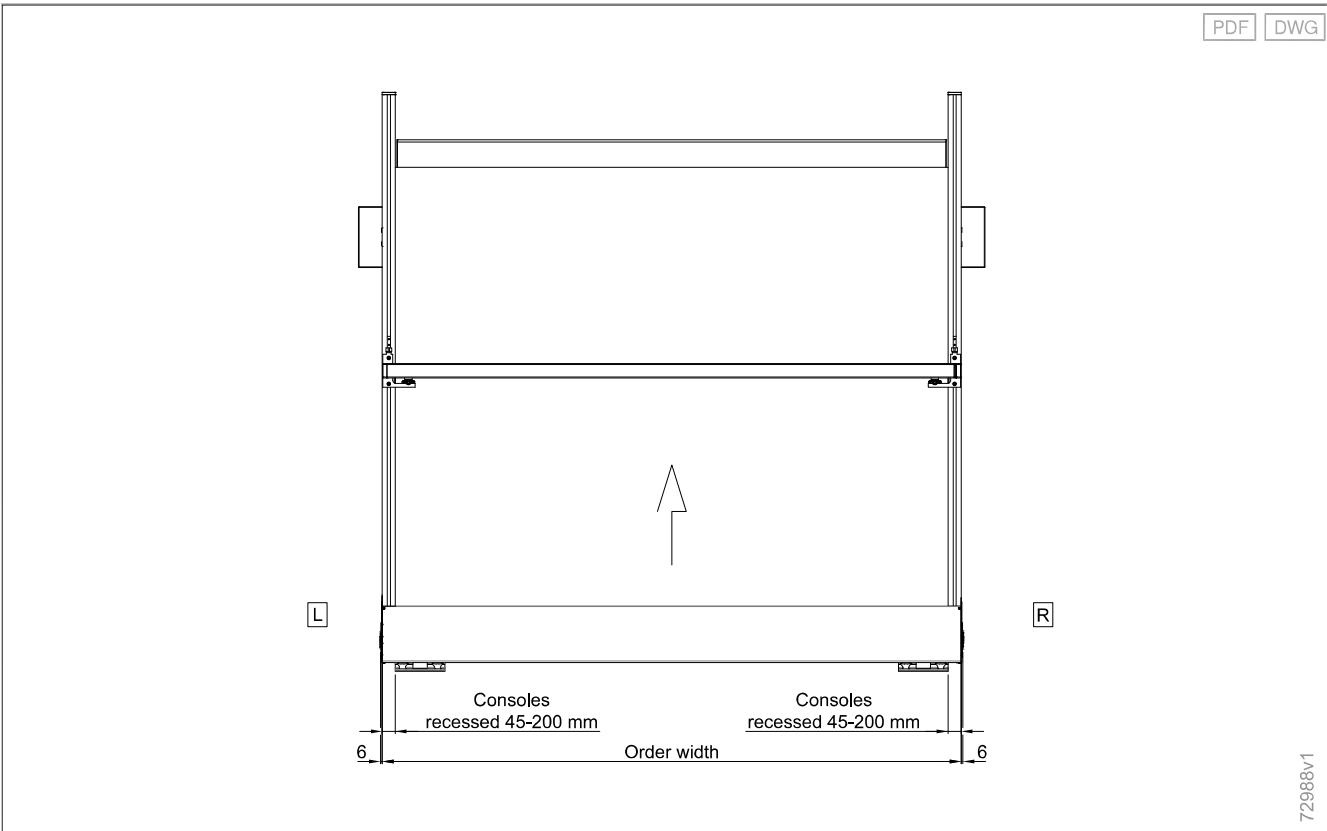
Weight per running metre, notes: Cover panel without consoles, without guide rails and poles.

Dimension determination

Measuring instructions - P20

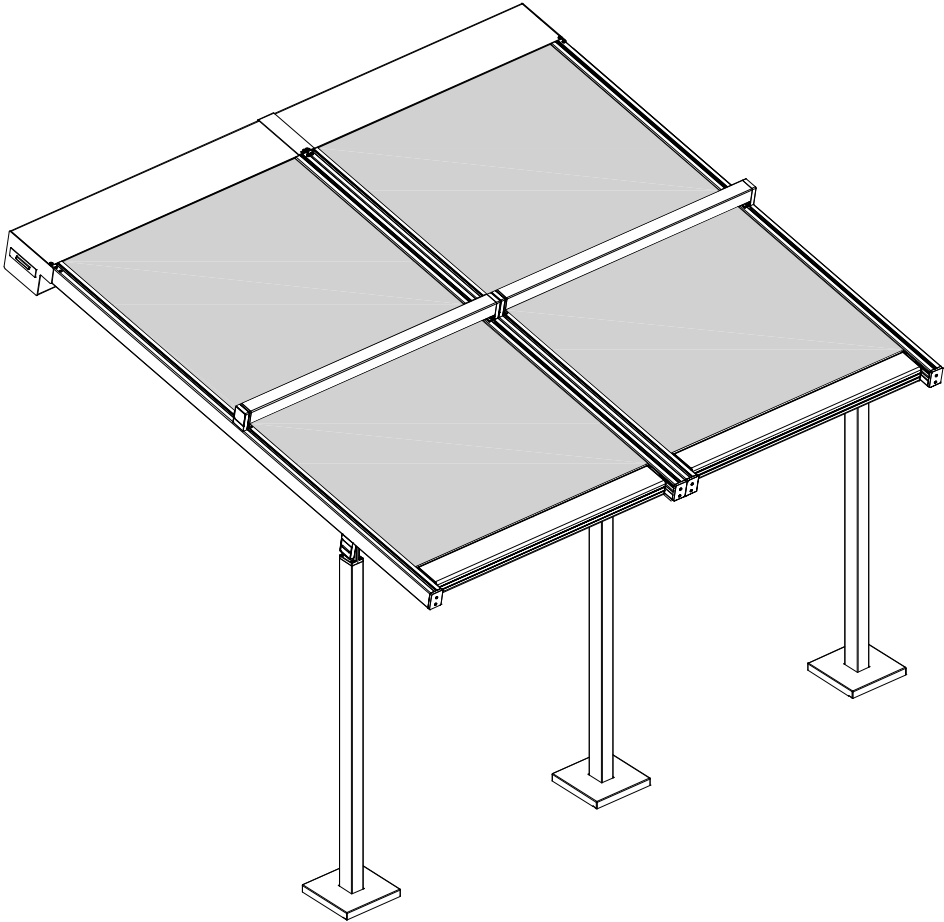


Top view - P20



Series-mounted unit - P20

PDF DWG



Planning

Terrea

Perea

Patio
side screens

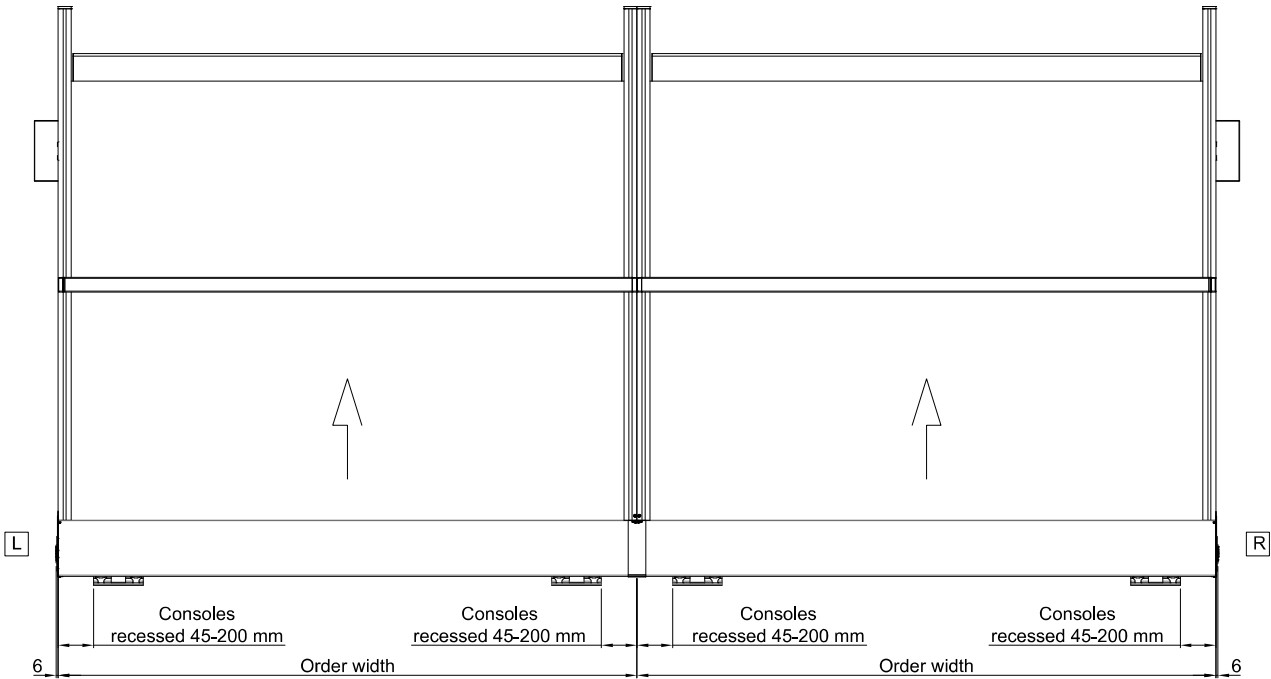
Climara

Supplementary
accessories

Components

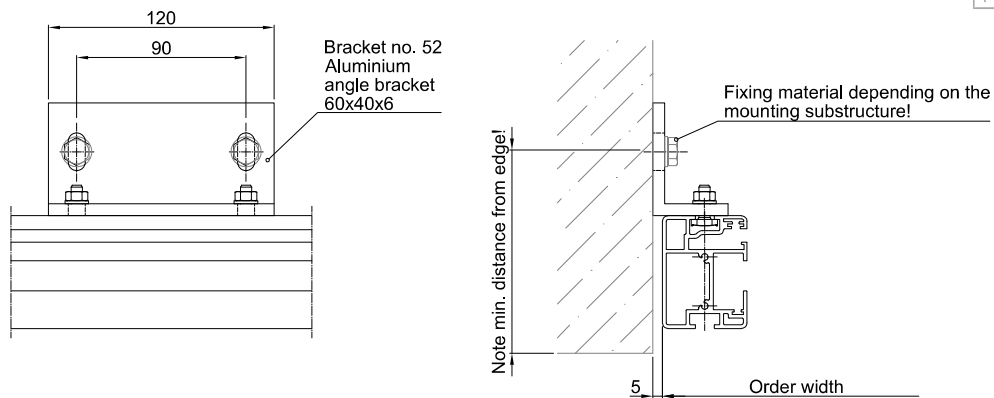
Drive
variants

Standards



Reveal installation - P20

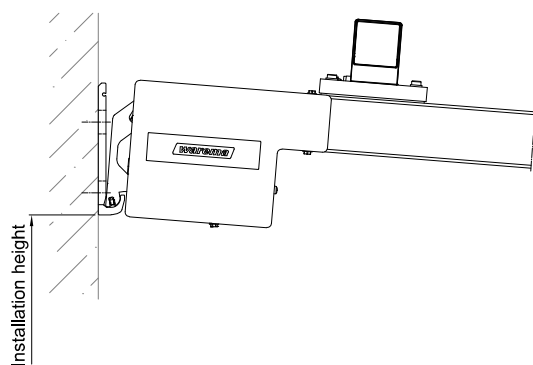
Standard angle
reveal installation



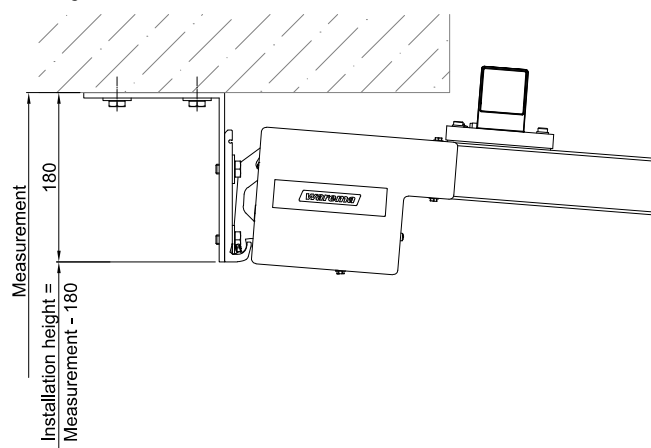
72990v1

Determining the installation height for wall/ceiling console - P20

Wall installation

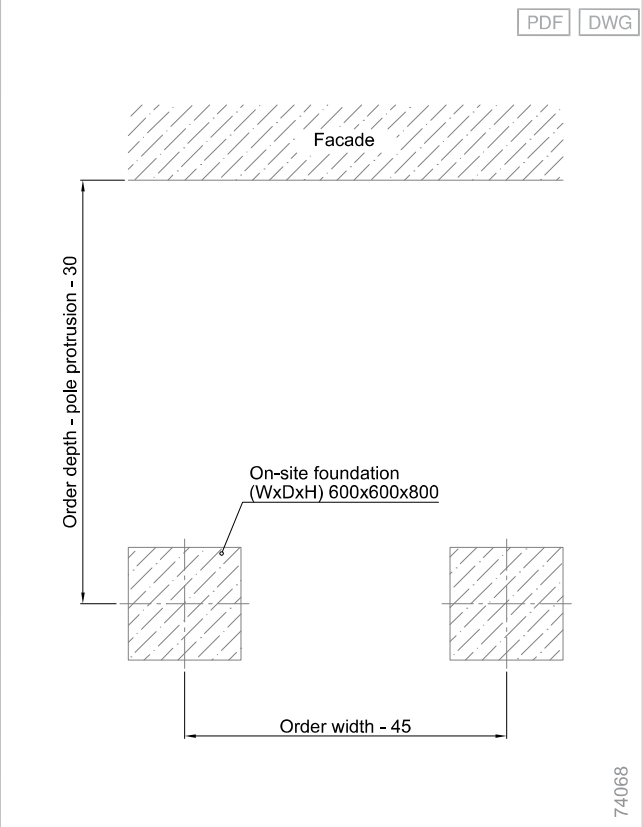


Ceiling installation



72991v1

Foundation plan - P20



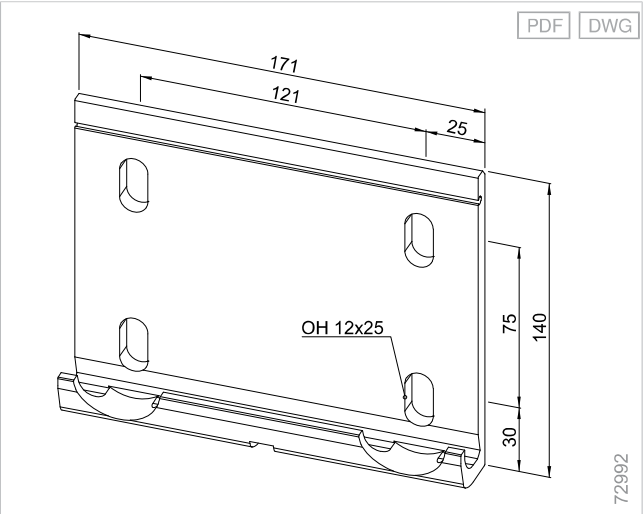
Quantity determination

Number of consoles, individual unit

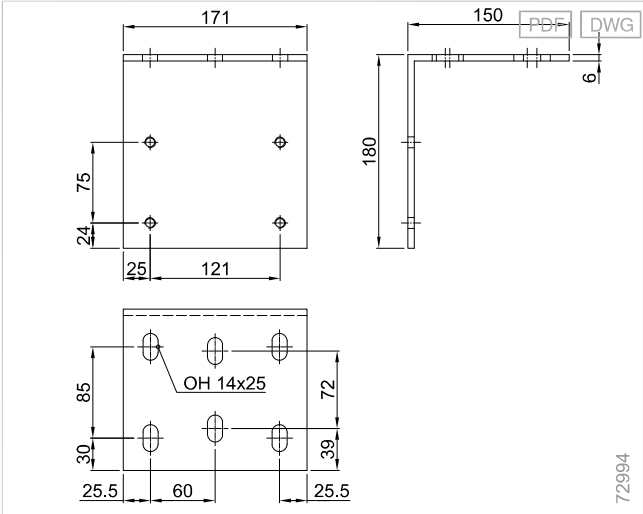
Configuration variants	Order width	Order depth
Console/Bracket		800 - 6000 mm
Wall console / Ceiling console / Console for rafters	950 - 6500 mm	2

Details

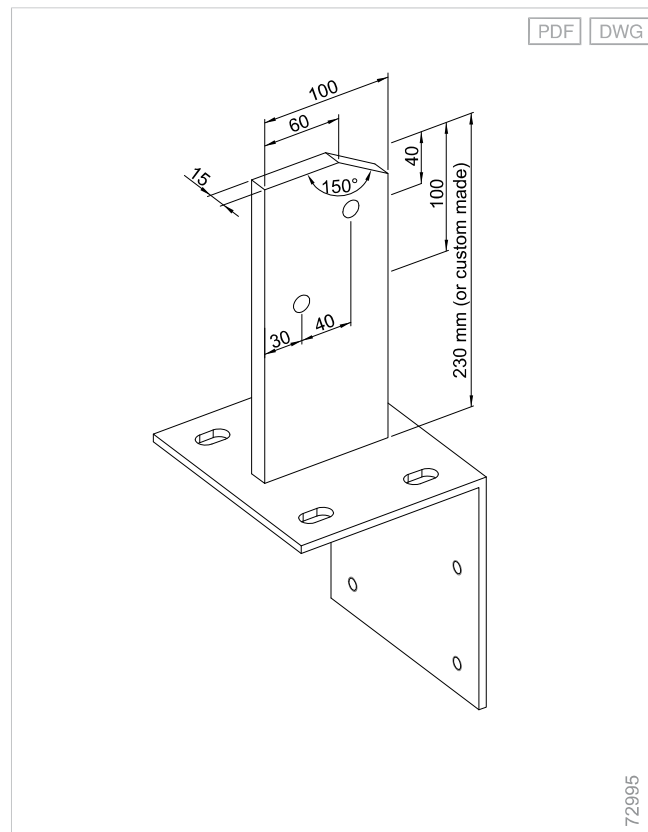
Wall console type A, left console; right console laterally reversed - P20



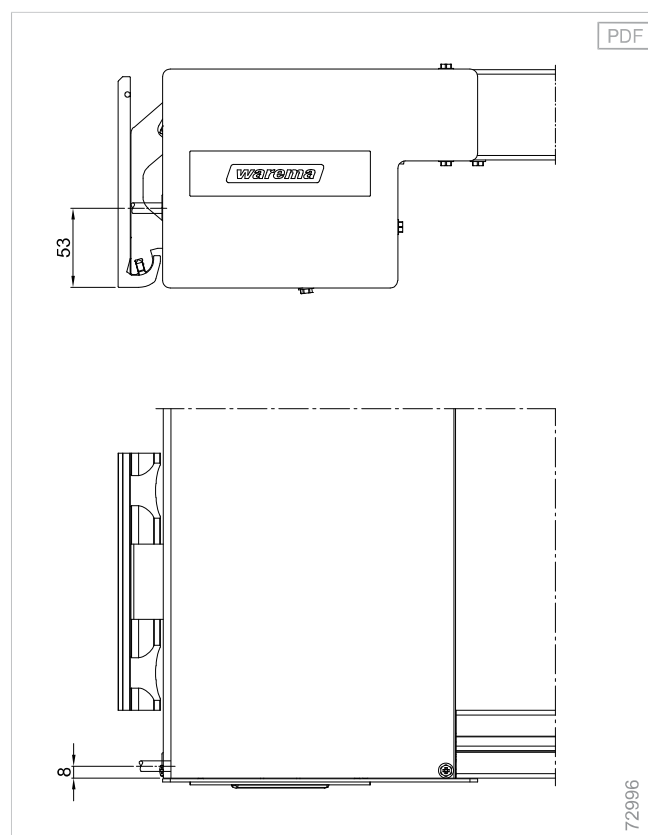
Ceiling console type E - P20



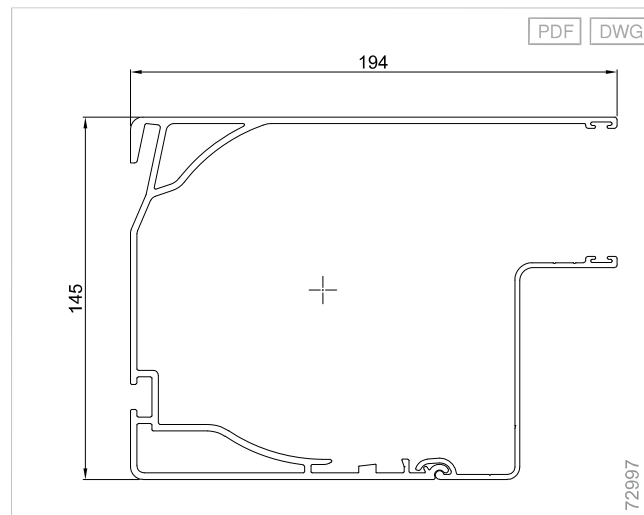
Console for rafters type F - P20



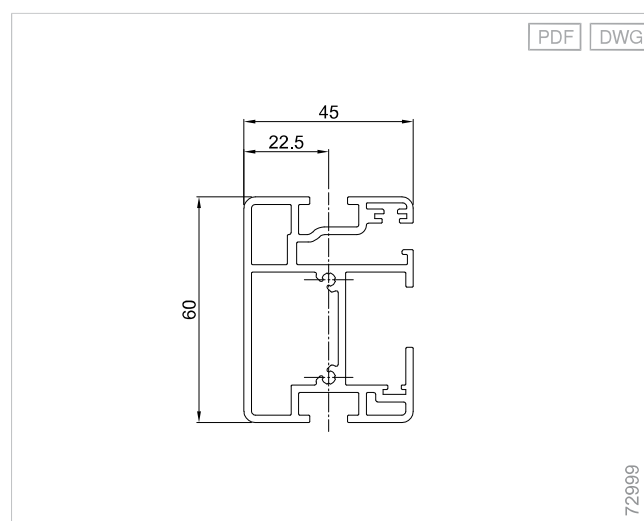
Cable exit - P20



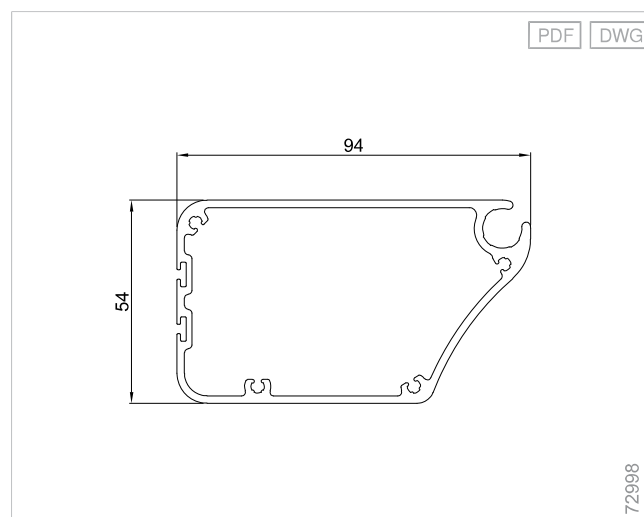
Cover panel - P20



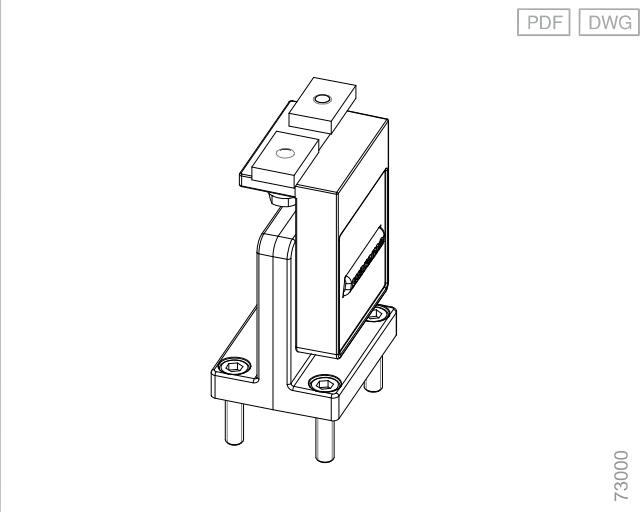
Guide rail - P20



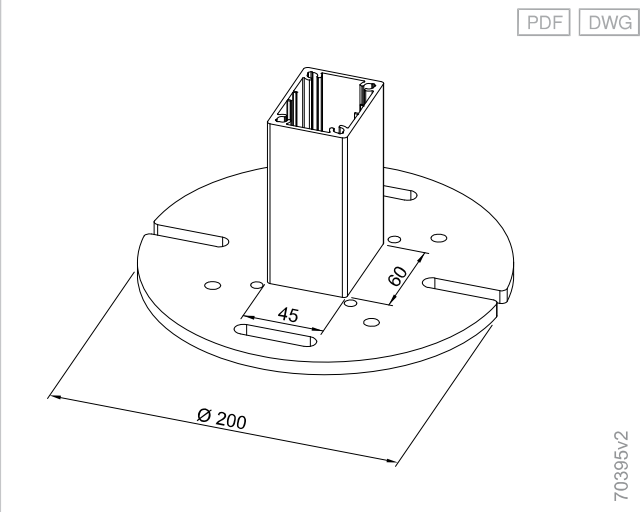
Front rail - P20



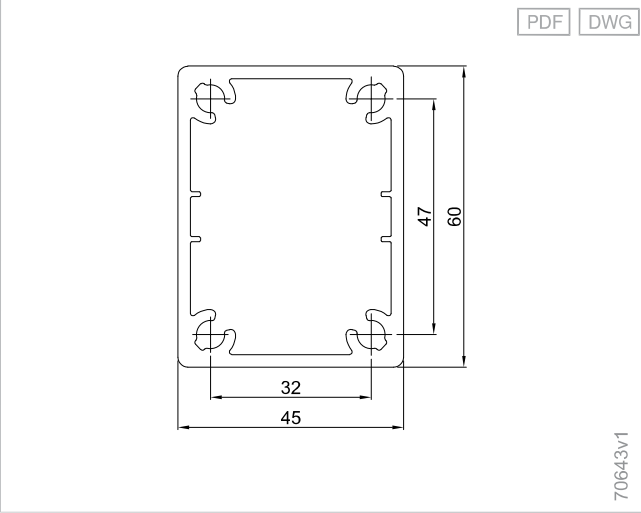
Pole attachment to guide rail - P20



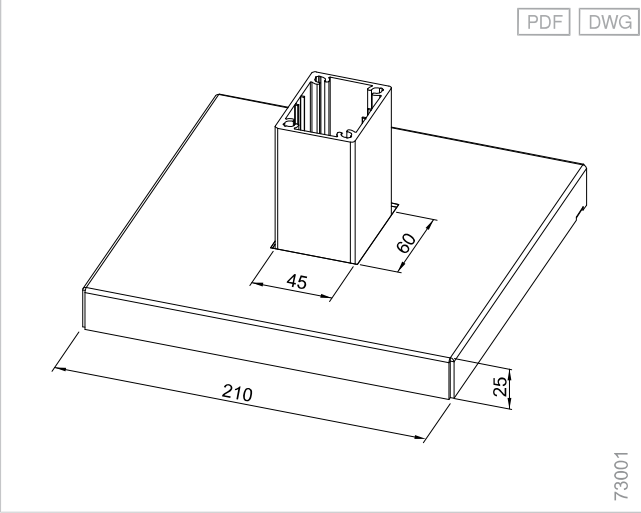
Pole fixing - P20/P40/P40 WE



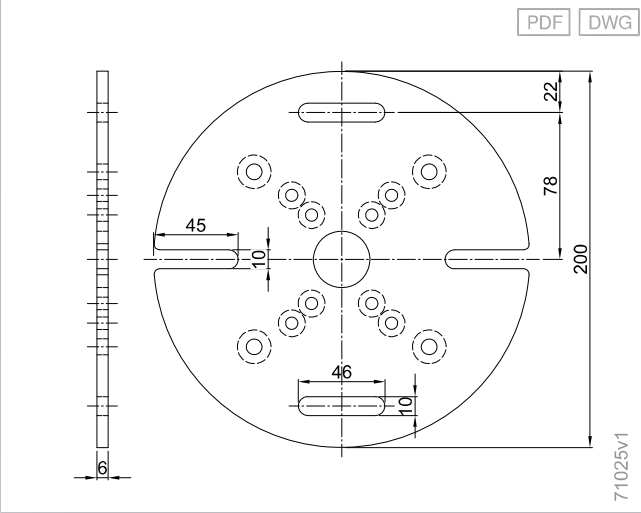
Pole - P20/P40/P40 WE



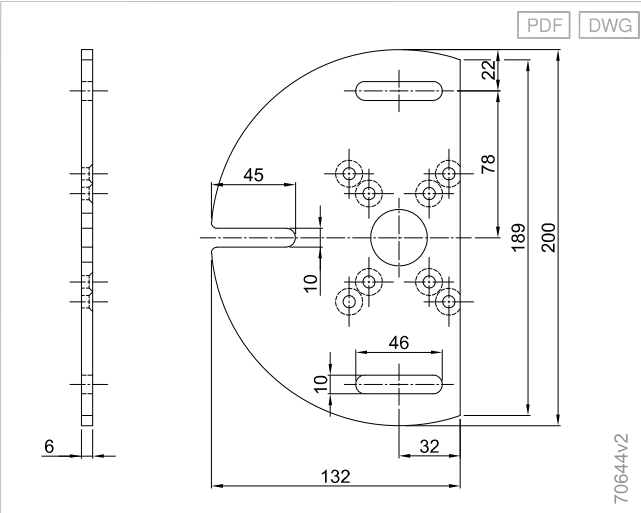
Base cover - P20



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



Pole fixing base plate for reveal installation, lateral - P20/P40/P40 WE



Planning

Terrea

Perea

Patio
side screens

Climara

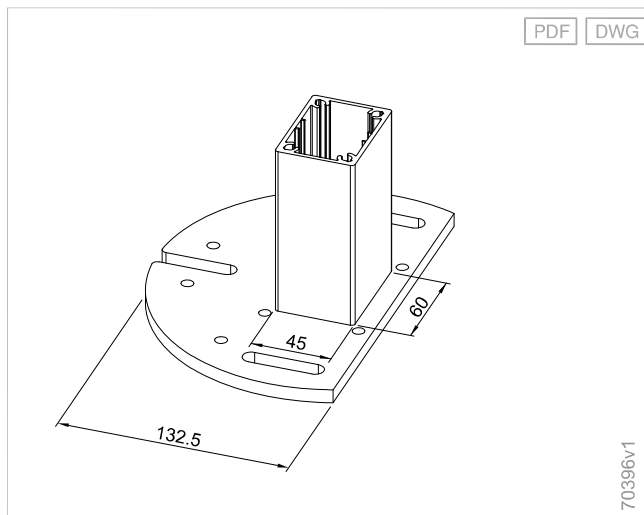
Supplementary
accessories

Components

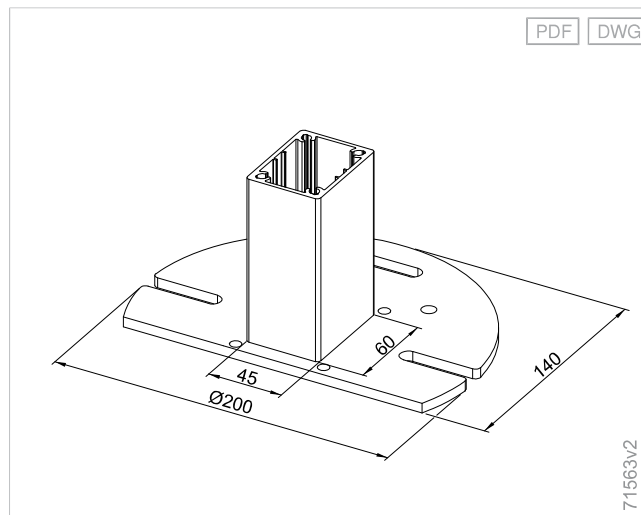
Drive
variants

Standards

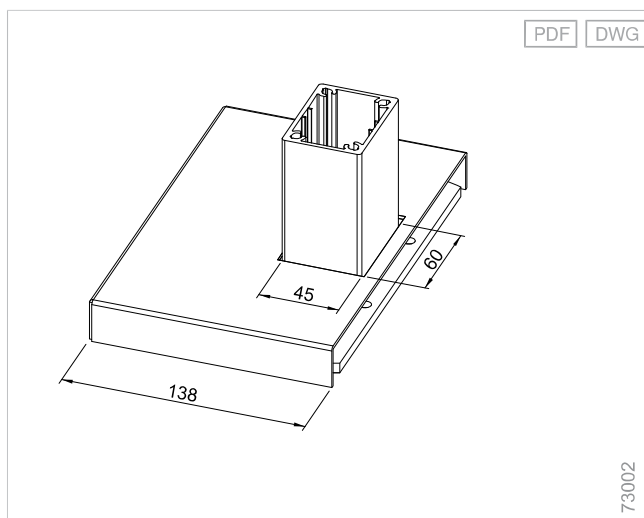
Pole fixing for lateral reveal installation - P20/P40/P40 WE



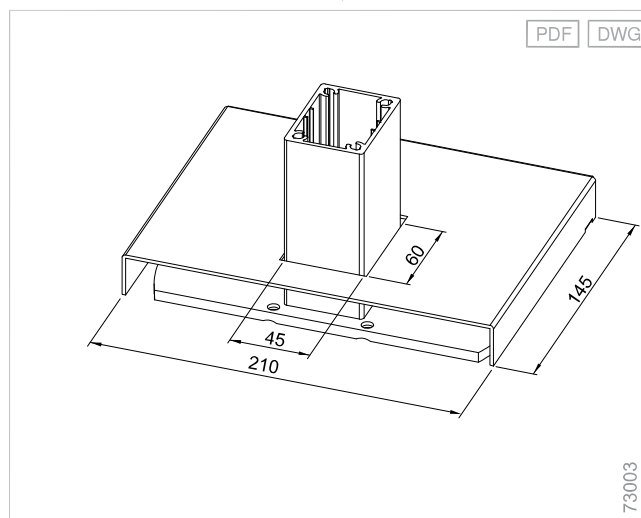
Pole fixing for reveal installation, front - P20/P40/P40 WE



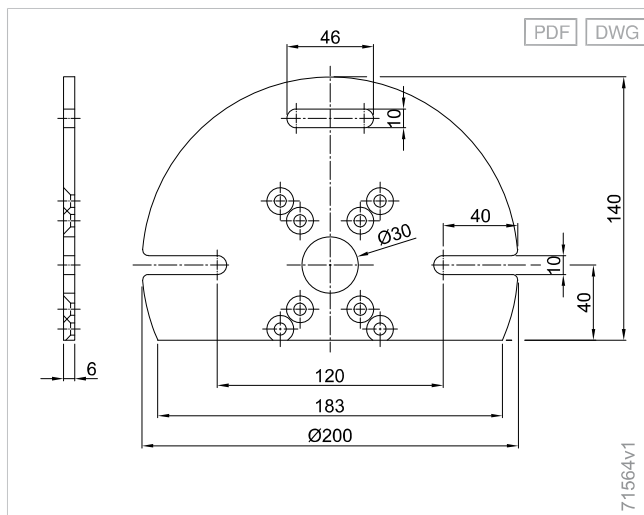
Base cover for lateral reveal installation - P20



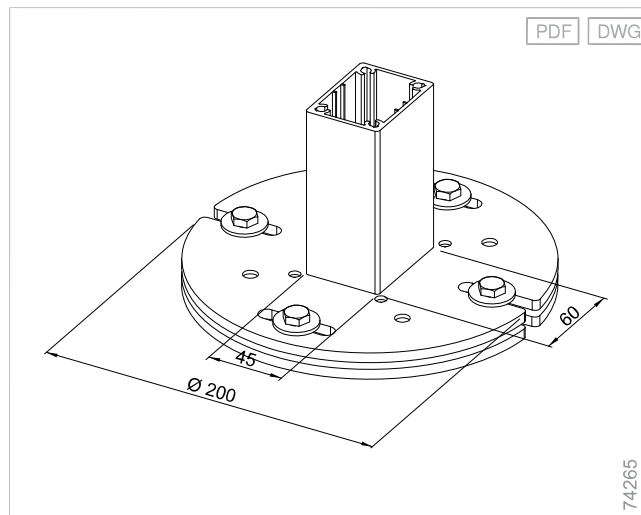
Base cover for reveal installation, front - P20



Pole fixing base plate for reveal installation, front - P20/P40/P40 WE



P20/P40/P40 WE, adapter plate, ground screw



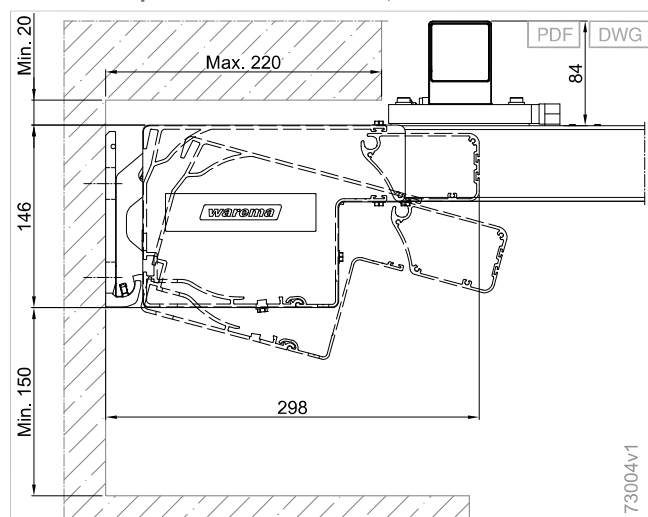
Additional product information

Pole installation options

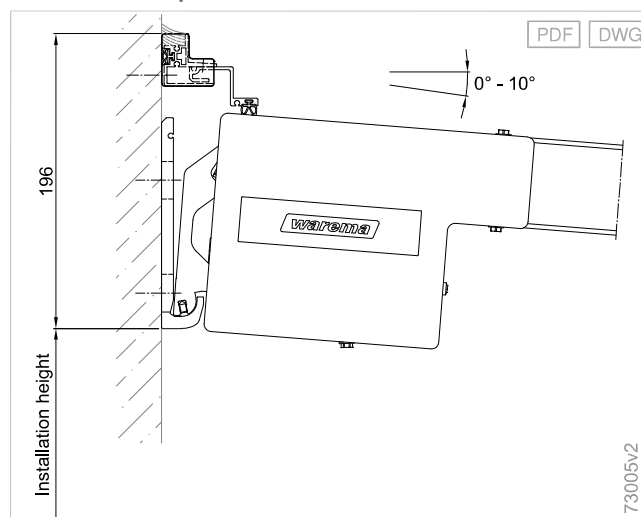
- Ground installation with frost-proof, on-site foundation, dimensions (WxDxH) 600×600×800 mm
- The grout for filling the clearance is not included in the scope of delivery when **threaded rods** are used

Mounting examples

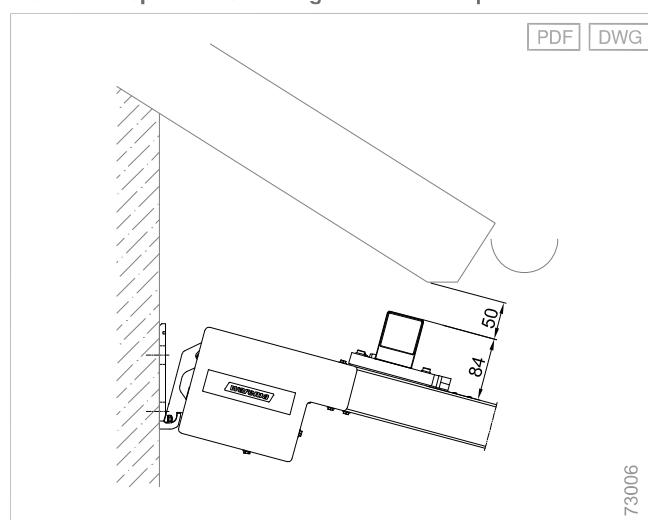
Installation space for wall installation, inclination 0° - P20



Wall connection profile with small rain hood - P20

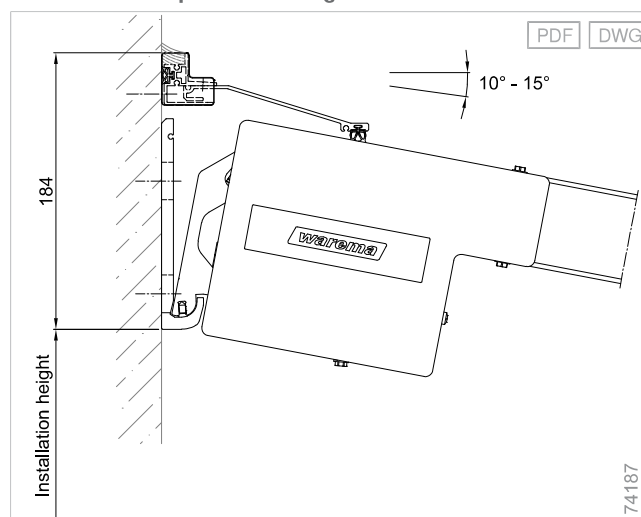


Installation space for travelling reinforcement profile - P20



The wall connection profile with small rain hood can be used with the P20 up to an inclination angle of 10°.

Wall connection profile with large rain hood - P20



Planning

Terrea

Perea

Patio
side screens

Climara

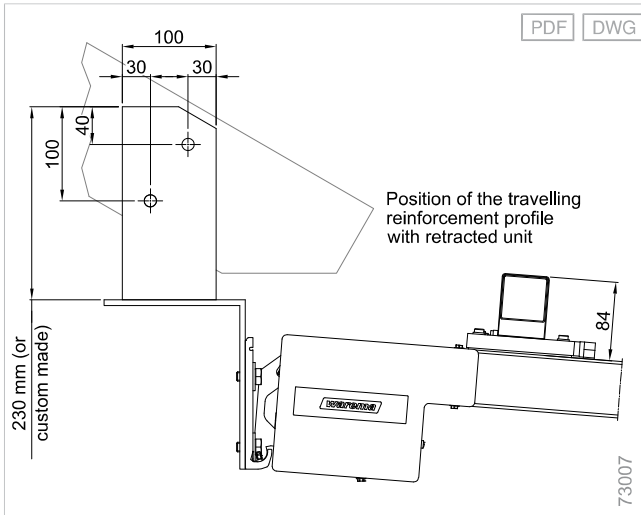
Supplementary
accessories

Components

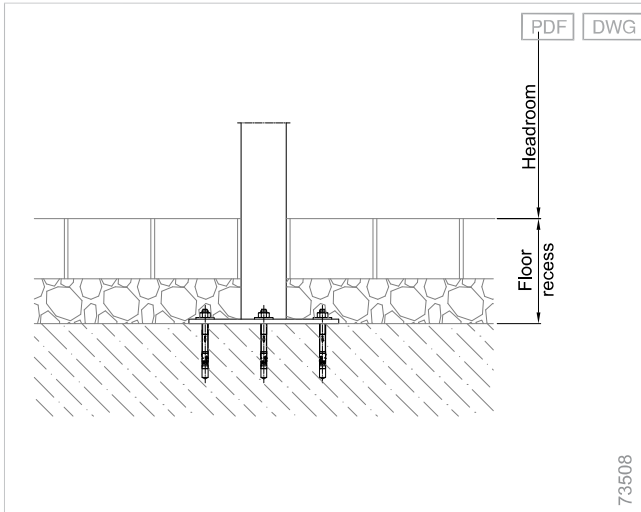
Drive
variants

Standards

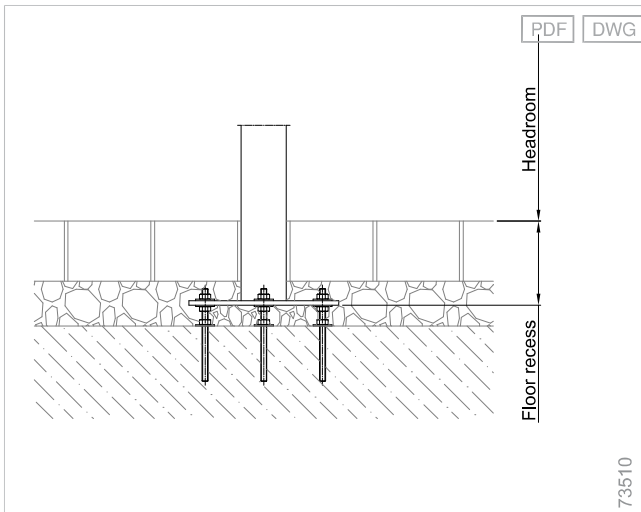
Rafter installation - P20



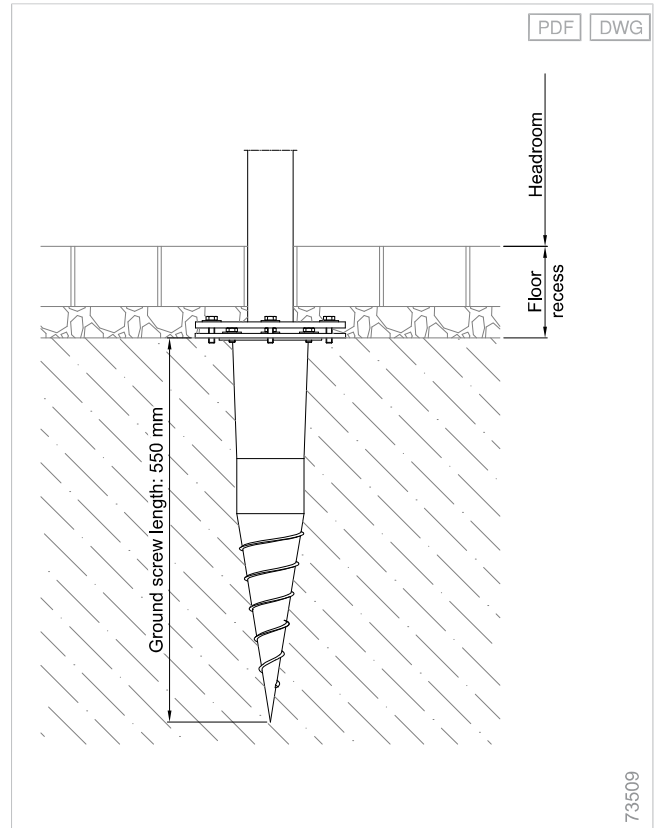
Fixing on concrete foundation without clearance - P20/P40/P40 WE



Fixing on concrete foundation with spacer - P20/P40/P40 WE



Fixing with ground screw - P20/P40/P40 WE



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.