

# Technical data sheet

## AWSS A4 wall and clamping bracket

Item number: 6417971



Wall bracket, heavy-duty.

The heavyweight wall bracket can be used in conjunction with wide span systems or for large support distances of cable tray or cable ladder systems.



|    |                 |
|----|-----------------|
| A4 | Stainless steel |
| 2B | Bright, treated |

### Master data

|                                    |                           |
|------------------------------------|---------------------------|
| Item number                        | 6417971                   |
| Type                               | AWSS 21 A4                |
| Description 1                      | Wall bracket              |
| Description 2                      | heavyweight type          |
| Manufacturer                       | OBO                       |
| Dimension                          | B210mm                    |
| Colour                             | stainless steel           |
| Material                           | Stainless steel 1.4571    |
| Surface                            | Bright, treated           |
| Surface standard                   |                           |
| Smallest sales unit                | 1                         |
| Unit of quantity                   | Piece                     |
| Weight                             | 306 kg                    |
| Weight unit                        | kg/100 pc.                |
| CO2 Footprint (GWP) Cradle-to-Gate | 16,2467 kg CO2e / 1 Piece |

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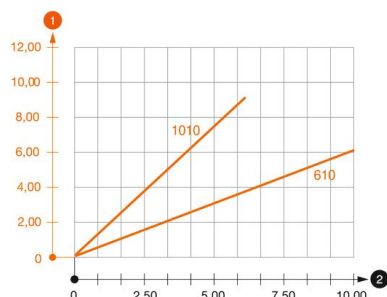
### Dimensions

|              |        |
|--------------|--------|
| Length       | 400 mm |
| Width        | 210 mm |
| Height       | 200 mm |
| Dimension A  | 400 mm |
| Dimension B  | 210 mm |
| Dimension b  | 160 mm |
| Dimension b1 | 240 mm |
| Dimension b2 | 320 mm |
| Dimension H  | 200 mm |

### Technical data

|                               |               |
|-------------------------------|---------------|
| Version for                   | Wall brackets |
| F in kN                       | 10 kN         |
| Maintain electrical functions | no            |
| Hole diameter                 | 14 mm         |
| ROHS-conformant               | yes           |
| Rustproof steel, pickled      | no            |

### Loads



#### Load diagram, bracket type AWSS

- 1 Bending of the bracket tip at permitted bracket load
- 2 Permitted bracket load in kN without man load
- Load curve with bracket lengths in mm

### Wall fastening

| Anchor type     | Max. load [kN]     |     |     |     |     |     |     |     |       |
|-----------------|--------------------|-----|-----|-----|-----|-----|-----|-----|-------|
|                 | Bracket width [mm] |     |     |     |     |     |     |     |       |
| BZ 12-15-35/110 | 210                | 310 | 410 | 510 | 610 | 710 | 810 | 910 | 1,010 |
|                 | 10                 | 10  | 10  | 10  | 10  | 8   | 7   | 6.5 | 5.5   |

Max. total load F = cable weight + cable tray + bracket. The load capacity values increase considerably when used in uncracked concrete. Observe the load capacity of the brackets (diagram) and the installation conditions of the DIBt approval (anchors). The testing of the widths 710–1010 mm took place at the maximum route width (600 mm) with the load at the end of the bracket.