

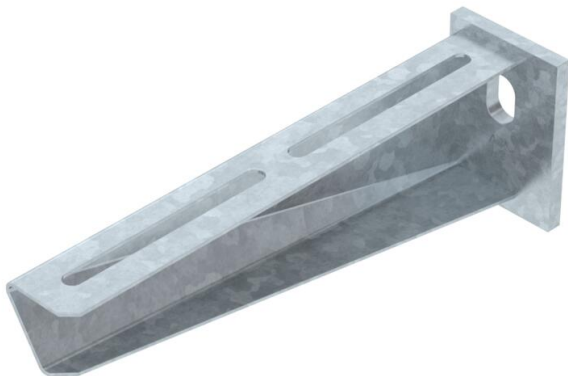
# Technical data sheet

## Wall and support bracket AW 30 FT

Item number: 6419720



Medium-duty wall and support bracket with welded head plate.  
Fastening of the bracket to the U support of width 400 mm or greater using a hexagonal bolt through both sides of the support. Please insert suitable spacers.



|    |                    |
|----|--------------------|
| St | Steel              |
| FT | Hot-dip galvanised |

### Master data

|                                    |                          |
|------------------------------------|--------------------------|
| Item number                        | 6419720                  |
| Type                               | AW 30 21 FT              |
| Description 1                      | Wall and Support bracket |
| Description 2                      | with welded head plate   |
| Manufacturer                       | OBO                      |
| Dimension                          | B210mm                   |
| Colour                             | zinc                     |
| Material                           | Steel                    |
| Surface                            | Hot-dip galvanised       |
| Surface standard                   | DIN EN ISO 1461          |
| Smallest sales unit                | 1                        |
| Unit of quantity                   | Piece                    |
| Weight                             | 39.3 kg                  |
| Weight unit                        | kg/100 pc.               |
| CO2 Footprint (GWP) Cradle-to-Gate | 0,9011 kg CO2e / 1 Piece |

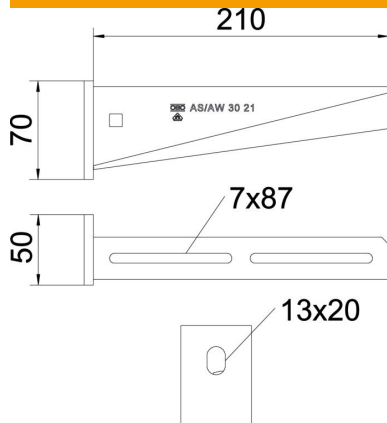
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### Dimensions

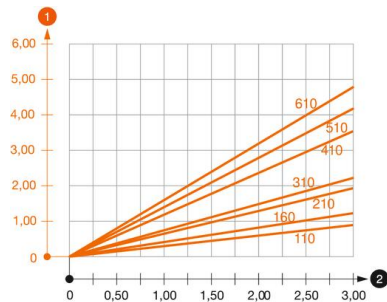


|             |        |
|-------------|--------|
| Length      | 50 mm  |
| Width       | 210 mm |
| Height      | 70 mm  |
| Dimension A | 50 mm  |
| Dimension B | 210 mm |
| Dimension H | 70 mm  |

### Technical data

|                               |                          |
|-------------------------------|--------------------------|
| Version for                   | Wall and support bracket |
| EPD article                   | yes                      |
| F in kN                       | 3 kN                     |
| Maintain electrical functions | yes                      |
| Hole diameter                 | 13 mm                    |
| Rustproof steel, pickled      | no                       |
| Angle range, max.             | 90 mm                    |
| Angle range, min.             | 90 mm                    |

### Loads



#### Load diagram, bracket, type AW 30

- 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

### Characteristic anchor load values for wall and support bracket AW 30

| Wall fastening  |                    |      |      |      |      |      |      |      |      |
|-----------------|--------------------|------|------|------|------|------|------|------|------|
| Anchor type     | Max. load [kN]     |      |      |      |      |      |      |      |      |
|                 | Bracket width [mm] |      |      |      |      |      |      |      |      |
|                 | 110                | 160  | 210  | 310  | 410  | 510  | 560  | 610  | 710  |
| BZ3 10x90/0-30  | 3.00               | 2.10 | -    | -    | -    | -    | -    | -    | -    |
| BZ3 12x110/0-35 | -                  | -    | 3.00 | 2.71 | 2.07 | 2.02 | 1.98 | 1.98 | 1.51 |

Die angegebenen Werte basieren auf gerissenem Beton der Festigkeitsklasse C20/25. Die Einbaubedingungen der ETA-Zulassung (Dübel) sind zu beachten!

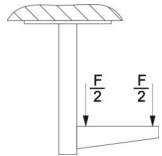
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### Load values for AW 30 on suspended support



| Support          | Max. total load F in kN |     |     |     |
|------------------|-------------------------|-----|-----|-----|
|                  | Bracket length in mm    |     |     |     |
|                  | 100                     | 200 | 300 | 400 |
| US 3 K/ 20 - 60  | 2.1                     | 1.8 | 1.3 | 1.3 |
| US 3 K/ 70 - 120 | 1.8                     | 1.5 | 1.3 | 1.3 |
| US 5 K/ 20 - 60  | 2.4                     | 2.0 | 1.8 | 2.5 |
| US 5 K/ 70 - 120 | 2.4                     | 2.0 | 1.4 | 2.5 |