

# Technical data sheet

## Wall and support bracket AW 30 FT

Item number: 6419739



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 hexagonal bolt through both sides of the support. Please insert suitable spacers.



St

Steel

FT

Hot-dip galvanised

### Master data

|                     |                          |
|---------------------|--------------------------|
| Item number         | 6419739                  |
| Description 1       | Wall and support bracket |
| Description 2       | with welded head plate   |
| Manufacturer        | OBO                      |
| Dimension           | B260mm                   |
| Colour              | zinc                     |
| Material            | Steel                    |
| Surface             | Hot-dip galvanised       |
| Surface standard    | DIN EN ISO 1461          |
| Smallest sales unit | 1                        |
| Unit of quantity    | Piece                    |
| Weight              | 53 kg                    |
| Weight unit         | kg/100 pc.               |

### Dimensions

|             |        |
|-------------|--------|
| Length      | 50 mm  |
| Width       | 260 mm |
| Height      | 70 mm  |
| Dimension A | 50 mm  |
| Dimension B | 260 mm |
| Dimension H | 70 mm  |

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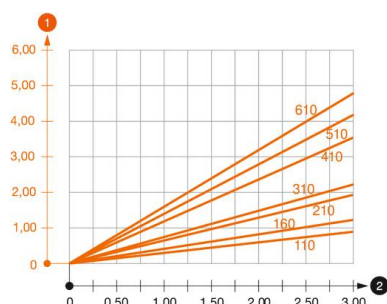
Item number: 6419739



### Technical data

|                               |                          |
|-------------------------------|--------------------------|
| Version for                   | Wall and support bracket |
| F in kN                       | 3 kN                     |
| Maintain electrical functions | no                       |
| 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 AW 30 wall and support bracket

| Wall fastening  | Max. load [kN]     |      |      |      |      |      |      |      |      |
|-----------------|--------------------|------|------|------|------|------|------|------|------|
|                 | Bracket width [mm] |      |      |      |      |      |      |      |      |
| Anchor type     | 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 |

Max. total load  $F$  = cable weight + cable tray + bracket. The load capacity values increase considerably when used in uncracked concrete. The values given are based on concrete of load resistance grade B 25. Comply with the installation conditions of the DIBt approval (anchors).

### 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 |