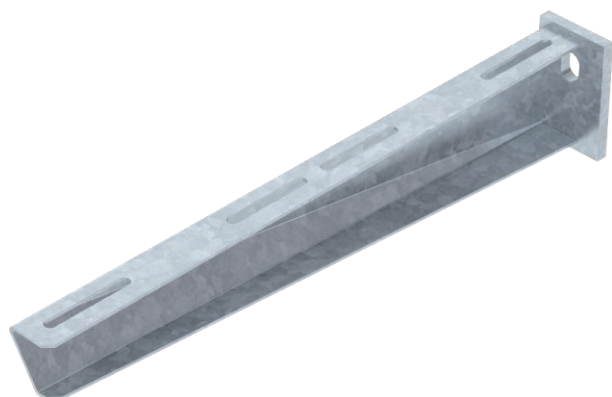


# Technical data sheet

## Wall and support bracket AW 30

Item no. 6419763



Medium-duty wall and support bracket with welded head plate.



|           |                    |
|-----------|--------------------|
| <b>St</b> | Steel              |
| <b>FT</b> | Hot-dip galvanised |

Additional product text, instruction | 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.

### Master data

|                          |                          |
|--------------------------|--------------------------|
| Item no.                 | 6419763                  |
| Type                     | AW 30 41 FT              |
| Description 1            | Wall and support bracket |
| Description 2            | with welded head plate   |
| Dimension                | B410mm                   |
| Material                 | Steel                    |
| Material symbol          | St                       |
| Surface                  | Hot-dip galvanised       |
| Surface to DIN           | DIN EN ISO 1461          |
| Surface symbol           | FT                       |
| Smallest sales unit (VG) | 1,00 Piece               |
| Weight                   | 88,50 kg/100 pc.         |

# Technical data sheet

## Wall and support bracket AW 30

Item no. 6419763



### Technical data

|  |                                     |
|--|-------------------------------------|
| Width  | 410,00 mm                           |
| Side height                                  | 80,00 mm                            |
| Dimension A                                  | 50,00 mm                            |
| Dimension B                                  | 410,00 mm                           |
| Dimension H                                  | 80,00 mm                            |
| Dimension L                                  | 410,00 mm                           |
| Hole diameter                                | 13,00 mm                            |
| Dimension value                              | 410 x 80                            |
| Version                                      | Wall and support brackets           |
| Version                                      | Wall and support bracket            |
| EPD article                                  | <input checked="" type="checkbox"/> |
| F in kN                                      | 3,00 kN                             |
| Suitable for maintaining electrical function | <input checked="" type="checkbox"/> |
| Rustproof steel, pickled                     | <input type="checkbox"/>            |
| Angle range                                  | 90,00 - 90,00 °                     |

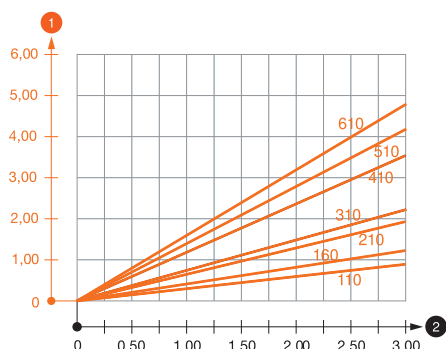
# Technical data sheet

## Wall and support bracket AW 30

Item no. 6419763



### Load charts



Load values heading\_Characteristic anchor values  
 Load values heading\_Bracket\_Support  
 Heading, load table  
 Footnote, load table

Characteristic anchor load values for wall and support bracket AW 30

Load values for AW 30 on suspended support

Wall bracket load

Max. total load  $F = \text{cable weight} + \text{cable tray} + \text{bracket}$ . The load capacity values increase considerably when used in uncracked concrete. The values given are based on concrete of strength class C20/25. Observe the installation conditions of the DIBt approval (anchors).

Load diagram, bracket, type AW 30

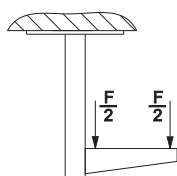
- 1 Bending of the bracket tip at permitted bracket load
- 2 Permitted bracket load in kN without man load
- Load curve with bracket lengths in mm

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

| Wall fastening   |  | Max. load $F$ [kN]           |      |      |      |      |      |      |
|------------------|--|------------------------------|------|------|------|------|------|------|
|                  |  | Bracket width [mm]           |      |      |      |      |      |      |
|                  |  | 110                          | 160  | 210  | 310  | 410  | 510  | 560  |
| Anchor type      |  |                              |      |      |      |      |      |      |
| BZ-U 10-10-30/90 |  | 1,50                         | 2,10 | 1,65 | 1,40 | 1,50 | 1,00 | 1,00 |
| BZ 12-15-35/110  |  | 3,00                         | 2,65 | 2,90 | 1,50 | 1,90 | 1,80 | 1,75 |
|                  |  | * Values with tray width 600 |      |      |      |      |      |      |

Max. total load  $F = \text{cable weight} + \text{cable tray} + \text{bracket}$ . The load capacity values increase considerably when used in uncracked concrete. The values given are based on concrete of strength class C20/25. Observe the installation conditions of the DIBt approval (anchors).

### Load values for AW 30 on suspended support



### Load values for AW 30 on suspended support

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

|      |                  |                              |      |      |     |     |     |      |
|------|------------------|------------------------------|------|------|-----|-----|-----|------|
| T1   | Wall fastening   |                              |      |      |     |     |     |      |
| T2   |                  | Max. load $F$ [kN]           |      |      |     |     |     |      |
| T3   |                  | Bracket width [mm]           |      |      |     |     |     |      |
| T4   | Anchor type      | 110                          | 160  | 210  | 310 | 410 | 510 | 560  |
|      | BZ-U 10-10-30/90 | 1,5                          | 2,1  | 1,65 | 1,4 | 1,5 | 1   | 1    |
|      | BZ 12-15-35/110  | 3,00                         | 2,65 | 2,9  | 1,5 | 1,9 | 1,8 | 1,75 |
| Tsub |                  | * Values with tray width 600 |      |      |     |     |     |      |