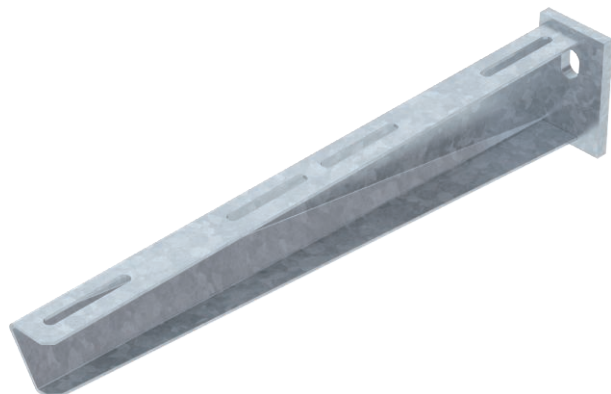


# Technical data sheet

## Wall and support bracket AW 30

Item no. 6419763



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.

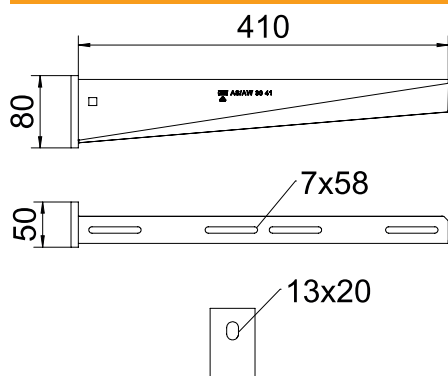


|           |                    |
|-----------|--------------------|
| <b>St</b> | Steel              |
| <b>FT</b> | Hot-dip galvanised |

### 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 Piece                  |
| Weight                   | 88,50 kg/100 pc.         |

### 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 °                     |

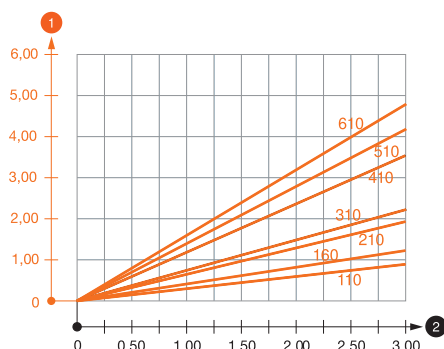
# Technical data sheet

## Wall and support bracket AW 30

Item no. 6419763



### Load charts



### Load diagram, bracket, type AW 30

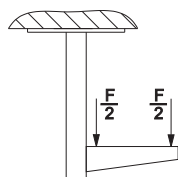
- 1 Bending of the bracket tip at permitted bracket load
- 2 Permitted bracket load in kN without man load
- Load curve with bracket lengths in mm

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

| Wall fastening               |                  |                    |      |      |      |      |      |      |
|------------------------------|------------------|--------------------|------|------|------|------|------|------|
|                              |                  | Max. load [kN]     |      |      |      |      |      |      |
|                              |                  | Bracket width [mm] |      |      |      |      |      |      |
|                              | Anchor type      | 110%               | 160  | 210  | 310  | 410  | 510  | 560  |
|                              | 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  $F$  = cable weight + cable tray + 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 [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 |      |      |     |     |     |      |