

# Technical data sheet

## Wall bracket AW 80

Item number: 6417868



Heavy-duty wall bracket with welded head plate.  
When fastening cable trays and ladders with truss-head bolts of size M6, please order large washers separately (perforation in bracket 9 x ...).



St

Steel

FT

Hot-dip galvanised

### Master data

|                                   |                          |
|-----------------------------------|--------------------------|
| Item number                       | 6417868                  |
| Description 1                     | Wall bracket             |
| Description 2                     | with welded head plate   |
| Manufacturer                      | OBO                      |
| Dimension                         | B710mm                   |
| Colour                            | zinc                     |
| Material                          | Steel                    |
| Surface                           | Hot-dip galvanised       |
| Surface standard                  | DIN EN ISO 1461          |
| Smallest sales unit               | 1                        |
| Unit of quantity                  | Piece                    |
| Weight                            | 525 kg                   |
| Weight unit                       | kg/100 pc.               |
| CO Footprint (GWP) Cradle-to-Gate | 13,7003 kg COe / 1 Piece |

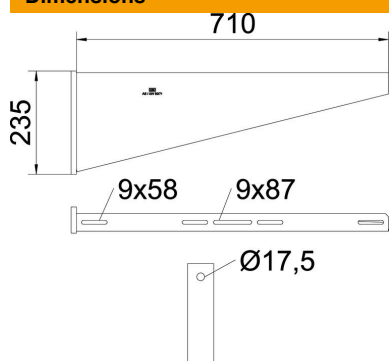
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### Dimensions

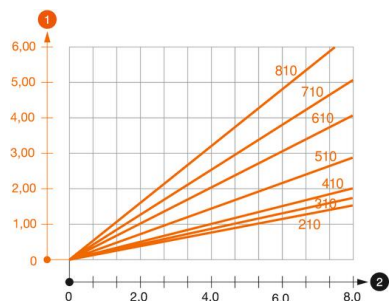


|             |        |
|-------------|--------|
| Length      | 60 mm  |
| Width       | 710 mm |
| Height      | 235 mm |
| Dimension A | 60 mm  |
| Dimension B | 710 mm |
| Dimension H | 235 mm |

### Technical data

|                               |                          |
|-------------------------------|--------------------------|
| Version for                   | Wall and support bracket |
| F in kN                       | 8 kN                     |
| Maintain electrical functions | no                       |
| Hole diameter                 | 17.5 mm                  |
| Rustproof steel, pickled      | no                       |
| Angle range, max.             | 90 mm                    |
| Angle range, min.             | 90 mm                    |

### Loads



#### Load diagram, bracket, type AW 80

- 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 bracket AW 80

| Wall fastening  |  | Max. load [kN]     |      |      |      |      |      |      |
|-----------------|--|--------------------|------|------|------|------|------|------|
|                 |  | Bracket width [mm] |      |      |      |      |      |      |
| Anchor type     |  | 210                | 310  | 410  | 510  | 610  | 710  | 810  |
| BZ3 16x135/0-35 |  | 7.31               | 7.66 | 6.87 | 6.38 | 5.90 | 5.17 | 4.69 |

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).