

# Technical data sheet

## Wall and support bracket MWA 12 FS

Item number: 6424732



Light-duty wall and support bracket.  
Including truss-head bolt M10 x 25 for fastening to  
U supports.  
Including truss-head screw M10 x 25 for fastening to  
U supports.



St

Steel

FS

Strip galvanized

### Master data

|                                   |                            |
|-----------------------------------|----------------------------|
| Item number                       | 6424732                    |
| Type                              | MWA 12 21S FS              |
| Description 1                     | Wall and support bracket   |
| Description 2                     | with fastening bolt M10x25 |
| Manufacturer                      | OBO                        |
| Dimension                         | B210mm                     |
| Colour                            | zinc                       |
| Material                          | Steel                      |
| Surface                           | Strip galvanized           |
| Surface standard                  | DIN EN 10346               |
| Smallest sales unit               | 1                          |
| Unit of quantity                  | Piece                      |
| Weight                            | 26.7 kg                    |
| Weight unit                       | kg/100 pc.                 |
| CO Footprint (GWP) Cradle-to-Gate | 0,653 kg COe / 1 Piece     |

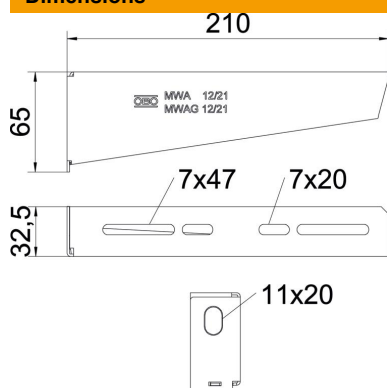
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### Dimensions

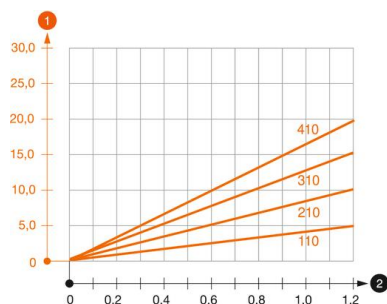


|             |         |
|-------------|---------|
| Length      | 32.5 mm |
| Width       | 210 mm  |
| Width       | 8 in    |
| Height      | 65 mm   |
| Height      | 2.56 in |
| Dimension A | 32.5 mm |
| Dimension B | 210 mm  |
| Dimension H | 65 mm   |
| Maß W       | 210 mm  |

### Technical data

|                               |                          |
|-------------------------------|--------------------------|
| Version for                   | Wall and support bracket |
| F in kN                       | 1.2 kN                   |
| Maintain electrical functions | yes                      |
| Hole diameter                 | 11 mm                    |
| Rustproof steel, pickled      | no                       |
| Angle range, max.             | 90 mm                    |
| Angle range, min.             | 90 mm                    |

### Loads



#### Load diagram, bracket, type MWA 12

- 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 MWA 12

| Wall fastening |                    |     |     |     |
|----------------|--------------------|-----|-----|-----|
| Anchor type    | Max. load [kN]     |     |     |     |
|                | Bracket width [mm] |     |     |     |
| BZ3 10x90/0-30 | 110                | 210 | 310 | 410 |
|                | 1.2                | 1.2 | 1.2 | 1.2 |

Max. Belastung F ges. = Kabelgewicht + Kabelrinne + Ausleger. Die angegebenen Werte basieren auf gerissenem Beton der Festigkeitsklasse C20/25. Die Einbaubedingungen der ETA-Zulassung (Dübel) sind zu beachten!

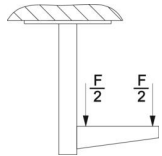
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### Load values for MWA 12 on suspended support



| Support        | Max. total load F in kN |     |     |     |
|----------------|-------------------------|-----|-----|-----|
|                | Bracket length in mm    |     |     |     |
|                | 100                     | 200 | 300 | 400 |
| US 3 K/ 20–60  | 1.2                     | 1.2 | 1.2 | 1.2 |
| US 3 K/ 70–120 | 1.2                     | 1.2 | 1.2 | 1.2 |
| US 5 K/ 20–60  | 1.2                     | 1.2 | 1.2 | 1.2 |
| US 5 K/ 70–120 | 1.2                     | 1.2 | 1.2 | 1.2 |