

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
Type	AW 30 26 FT
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.
CO2 Footprint (GWP) Cradle-to-Gate	1,3571 kg CO2e / 1 Piece

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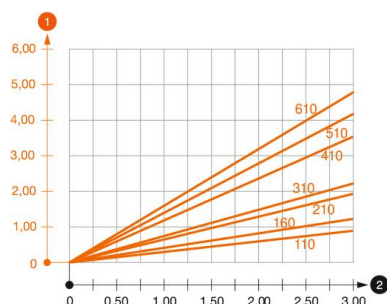
Dimensions

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

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	<TEXT><P>110</P></TEXT>, <TEXT><P>160</P></TEXT>, <TEXT><P>210</P></TEXT>, <TEXT><P>310</P></TEXT>, <TEXT><P>410</P></TEXT>, <TEXT><P>510</P></TEXT>, <TEXT><P>560</P></TEXT>, <TEXT><P>610</P></TEXT>, <TEXT><P>710</P></TEXT>
BZ3 10x90/0-30	<TEXT><P>3.00</P></TEXT>, <TEXT><P>2.10</P></TEXT>, <TEXT><P>-</P></TEXT>, <TEXT><P>-</P></TEXT>, <TEXT><P>-</P></TEXT>, <TEXT><P>-</P></TEXT>, <TEXT><P>-</P></TEXT>, <TEXT><P>-</P></TEXT>
BZ3 12x110/0-35	<TEXT><P>-</P></TEXT>, <TEXT><P>-</P></TEXT>, <TEXT><P>3.00</P></TEXT>, <TEXT><P>2.71</P></TEXT>, <TEXT><P>2.07</P></TEXT>, <TEXT><P>2.02</P></TEXT>, <TEXT><P>1.98</P></TEXT>, <TEXT><P>1.98</P></TEXT>, <TEXT><P>1.51</P></TEXT>

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 load resistance grade B 25. Comply with the installation conditions of the DIBt approval (anchors).

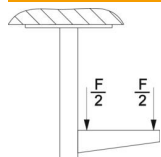
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Load values for AW 30 on suspended support



Max. total load F in kN	
Bracket length in mm	
Support	
	<TEXT><P>100</P></TEXT>, <TEXT><P>200</P></TEXT>, <TEXT><P>300</P></TEXT>, <TEXT><P>400</P></TEXT>
US 3 K/ 20 - 60	<TEXT><P>2.1</P></TEXT>, <TEXT><P>1.8</P></TEXT>, <TEXT><P>1.3</P></TEXT>, <TEXT><P>1.3</P></TEXT>
US 3 K/ 70 - 120	<TEXT><P>1.8</P></TEXT>, <TEXT><P>1.5</P></TEXT>, <TEXT><P>1.3</P></TEXT>, <TEXT><P>1.3</P></TEXT>
US 5 K/ 20 - 60	<TEXT><P>2.4</P></TEXT>, <TEXT><P>2.0</P></TEXT>, <TEXT><P>1.8</P></TEXT>, <TEXT><P>2.5</P></TEXT>
US 5 K/ 70 - 120	<TEXT><P>2.4</P></TEXT>, <TEXT><P>2.0</P></TEXT>, <TEXT><P>1.4</P></TEXT>, <TEXT><P>2.5</P></TEXT>