

Technical data sheet

Wall and support bracket AW 30 FT SOMY

Item number: 7192060



Medium-duty wall and support bracket with welded head plate. The brackets of width 110-160 mm have a fastening hole of 11 x 18 mm, those of width 210-610 mm are equipped with a fastening hole of 13 x 20 mm. When mounting the bracket on U supports up to a width of 400 mm, a truss-head bolt or a hexagonal bolt is used, depending on the profile, to fasten the support bracket. For bracket widths of 500 mm or more, the bracket is fastened through both struts of the U support using hexagonal bolts. Appropriate spacers are to be used, depending on the profile. The surface coating is a coating created in a single-dip method with extra-high zinc thicknesses.



St	Steel
FT SO	Hot-dip galvanised 85 µm

Master data

Item number	7192060
Type	AW 30 61 FT SO
Description 1	Wall and support bracket
Description 2	with welded head plate
Manufacturer	OBO
Dimension	B610mm
Colour	zinc
Material	Steel
Surface	Hot-dip galvanised 85 µm
Surface standard	DIN EN ISO 1461
Smallest sales unit	1
Unit of quantity	Piece
Weight	159.9 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to-Gate	3,9961 kg CO2e / 1 Piece

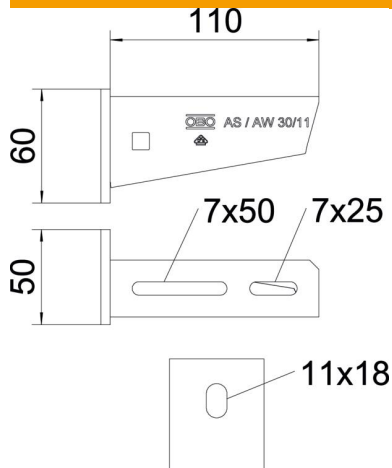
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Dimensions

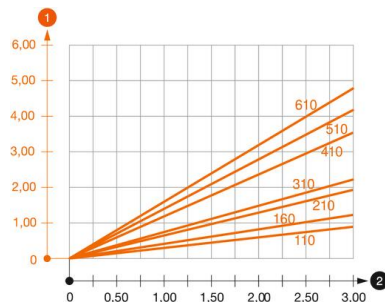


Length	50 mm
Width	610 mm
Height	100 mm
Dimension A	50 mm
Dimension B	610 mm
Dimension H	100 mm

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

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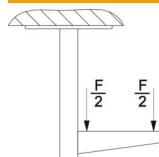


Characteristic anchor load values for AW 30 wall and support bracket

Bracket load	
	Max. total load F in kN
	Bracket length in mm
F kN	$\langle \text{TEXT} \rangle \langle P \rangle 100 \langle /P \rangle \langle /TEXT \rangle$, $\langle \text{TEXT} \rangle \langle P \rangle 150 \langle /P \rangle \langle /TEXT \rangle$, $\langle \text{TEXT} \rangle \langle P \rangle 200 \langle /P \rangle \langle /TEXT \rangle$, $\langle \text{TEXT} \rangle \langle P \rangle 300 \langle /P \rangle \langle /TEXT \rangle$, $\langle \text{TEXT} \rangle \langle P \rangle 400 \langle /P \rangle \langle /TEXT \rangle$, $\langle \text{TEXT} \rangle \langle P \rangle 500 \langle /P \rangle \langle /TEXT \rangle$, $\langle \text{TEXT} \rangle \langle P \rangle 600 \langle /P \rangle \langle /TEXT \rangle$
4.3	$\langle \text{TEXT} \rangle \langle P \rangle 2.00 \langle /P \rangle \langle /TEXT \rangle$, $\langle \text{TEXT} \rangle \langle P \rangle 1.49 \langle /P \rangle \langle /TEXT \rangle$, $\langle \text{TEXT} \rangle \langle P \rangle 1.35 \langle /P \rangle \langle /TEXT \rangle$, $\langle \text{TEXT} \rangle \langle P \rangle 1.19 \langle /P \rangle \langle /TEXT \rangle$, $\langle \text{TEXT} \rangle \langle P \rangle 0.92 \langle /P \rangle \langle /TEXT \rangle$, $\langle \text{TEXT} \rangle \langle P \rangle 0.89 \langle /P \rangle \langle /TEXT \rangle$, $\langle \text{TEXT} \rangle \langle P \rangle 0.89 \langle /P \rangle \langle /TEXT \rangle$
7.6	$\langle \text{TEXT} \rangle \langle P \rangle 3.00 \langle /P \rangle \langle /TEXT \rangle$, $\langle \text{TEXT} \rangle \langle P \rangle 2.65 \langle /P \rangle \langle /TEXT \rangle$, $\langle \text{TEXT} \rangle \langle P \rangle 2.39 \langle /P \rangle \langle /TEXT \rangle$, $\langle \text{TEXT} \rangle \langle P \rangle 2.11 \langle /P \rangle \langle /TEXT \rangle$, $\langle \text{TEXT} \rangle \langle P \rangle 1.61 \langle /P \rangle \langle /TEXT \rangle$, $\langle \text{TEXT} \rangle \langle P \rangle 1.58 \langle /P \rangle \langle /TEXT \rangle$, $\langle \text{TEXT} \rangle \langle P \rangle 1.58 \langle /P \rangle \langle /TEXT \rangle$

Max. total load F = cable weight + cable tray + bracket. The load capacity values increase considerably when used in uncracked concrete. The specified values are based on concrete of resistance class C20/25. Comply with the installation conditions of the DIBt approval (anchors).

Load values for AW 30 on suspended support



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