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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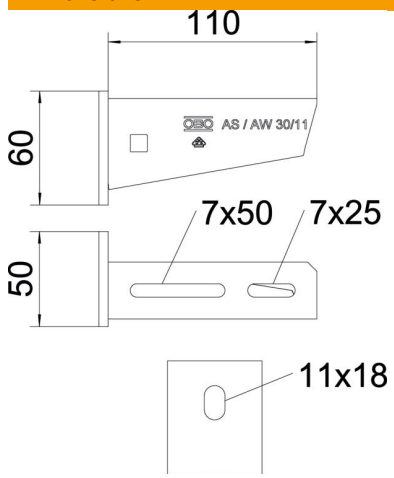
Dimensions

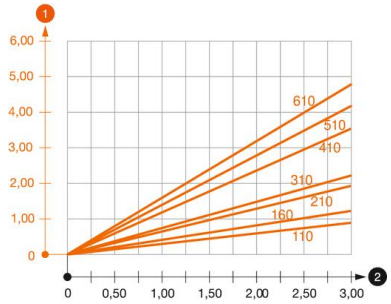


Length	50 mm
Width	610 mm
Height	100 mm
Dimension A	50 mm
Dimension B	610 mm
Dimension H	100 mm

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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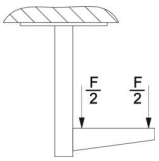
Characteristic anchor load values for AW 30 wall and support bracket

Bracket load							
	Max. total load F in kN						
	Bracket length in mm						
F kN	100	150	200	300	400	500	600
4.3	2.00	1.49	1.35	1.19	0.92	0.89	0.89
7.6	3.00	2.65	2.39	2.11	1.61	1.58	1.58

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	100	200	300	400
US 3 K/ 20 - 60	2.1	1.8	1.3	1.3
US 3 K/ 70 - 120	1.8	1.5	1.3	1.3
US 5 K/ 20 - 60	2.4	2.0	1.8	2.5
US 5 K/ 70 - 120	2.4	2.0	1.4	2.5