

Technical data sheet

Wall and support bracket AW 15 FT SOMY

Item number: 7191923



Light-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 SO	Hot-dip galvanised 85 µm

Master data

Item number	7191923
Type	AW 15 16 FT SO
Description 1	Wall and support bracket
Description 2	with welded head plate
Manufacturer	OBO
Dimension	B160mm
Colour	zinc
Material	Steel
Surface	Hot-dip galvanised 85 µm
Surface standard	DIN EN ISO 1461
Smallest sales unit	30
Unit of quantity	Piece
Weight	21 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to-Gate	0,5046 kg CO2e / 1 Piece

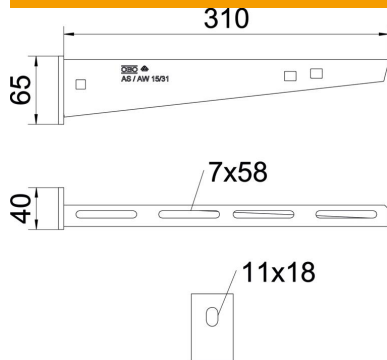
Technical data sheet

Wall and support bracket AW 15 FT SOMY

Item number: 7191923



Dimensions

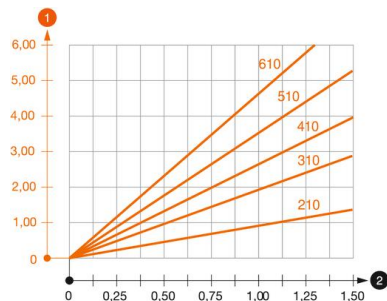


Length	40 mm
Width	160 mm
Height	55 mm
Dimension A	40 mm
Dimension B	160 mm
Dimension H	55 mm

Technical data

Version for	Wall and support bracket
F in kN	1.5 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 AW 15

- 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

Technical data sheet

Wall and support bracket AW 15 FT SOMY

Item number: 7191923



Characteristic anchor load values for wall and support bracket AW 15

Bracket load	
	Max. total load F in kN
	Bracket length in mm
F kN	<TEXT><P>100</P></TEXT>, <TEXT><P>150</P></TEXT>, <TEXT><P>200</P></TEXT>, <TEXT><P>300</P></TEXT>, <TEXT><P>400</P></TEXT>, <TEXT><P>500</P></TEXT>, <TEXT><P>600</P></TEXT>
2.4	<TEXT><P>0.73</P></TEXT>, <TEXT><P>0.65</P></TEXT>, <TEXT><P>0.61</P></TEXT>, <TEXT><P>0.49</P></TEXT>, <TEXT><P>0.44</P></TEXT>, <TEXT><P>0.41</P></TEXT>, <TEXT><P>0.38</P></TEXT>
4.3	<TEXT><P>1.31</P></TEXT>, <TEXT><P>1.16</P></TEXT>, <TEXT><P>1.08</P></TEXT>, <TEXT><P>0.88</P></TEXT>, <TEXT><P>0.78</P></TEXT>, <TEXT><P>0.73</P></TEXT>, <TEXT><P>0.66</P></TEXT>

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 15 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>1.5</P></TEXT>, <TEXT><P>1.5</P></TEXT>, <TEXT><P>1.3</P></TEXT>, <TEXT><P>1.3</P></TEXT>
US 3 K/ 70 - 120	<TEXT><P>1.5</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>1.5</P></TEXT>, <TEXT><P>1.5</P></TEXT>, <TEXT><P>1.5</P></TEXT>, <TEXT><P>1.5</P></TEXT>
US 5 K/ 70 - 120	<TEXT><P>1.5</P></TEXT>, <TEXT><P>1.5</P></TEXT>, <TEXT><P>1.4</P></TEXT>, <TEXT><P>1.5</P></TEXT>