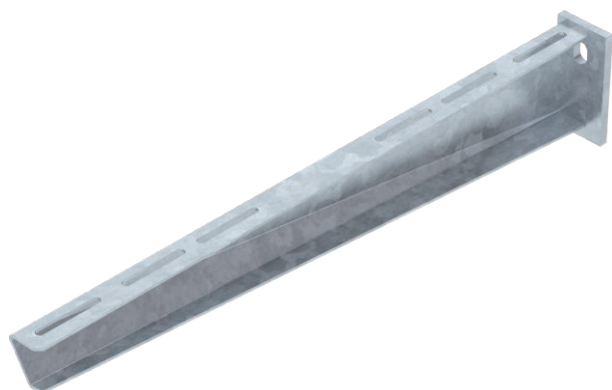


# Technical data sheet

## Wall and support bracket AW 30

Item no. 6419844



Medium-duty wall and support bracket with welded head plate.



St	Steel
FT	Hot-dip galvanised

Additional product text, instruction	Fastening of the bracket to the U support of width 400 mm or greater using a hexagonal bolt through both sides of the support. Please insert suitable spacers.
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### Master data

Item no.	6419844
Type	AW 30 56 FT
Description 1	Wall and support bracket
Description 2	with welded head plate
Dimension	B560mm
Material	Steel
Material symbol	St
Surface	Hot-dip galvanised
Surface to DIN	DIN EN ISO 1461
Surface symbol	FT
Smallest sales unit (VG)	1,00 Piece
Weight	148,80 kg/100 pc.

# Technical data sheet

## Wall and support bracket AW 30

Item no. 6419844



### Technical data

Width	560,00 mm
Side height	100,00 mm
Dimension A	50,00 mm
Dimension B	560,00 mm
Dimension H	100,00 mm
Dimension L	560,00 mm
Hole diameter	13,00 mm
Dimension value	560 x 100
Version	Wall and support brackets
Version	Wall and support bracket
EPD article	<input checked="" type="checkbox"/>
F in kN	3,00 kN
Suitable for maintaining electrical function	<input type="checkbox"/>
Rustproof steel, pickled	<input type="checkbox"/>
Angle range	90,00 - 90,00 °

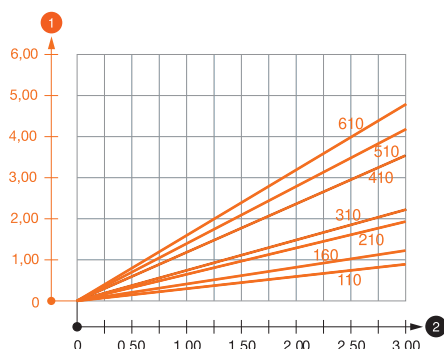
# Technical data sheet

## Wall and support bracket AW 30

Item no. 6419844



### Load charts



Load values heading\_Characteristic anchor values  
Load values heading\_Bracket\_Support  
Footnote, load table

Characteristic anchor load values for wall and support bracket AW 30

Load values for AW 30 on suspended support

Wall bracket load

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

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

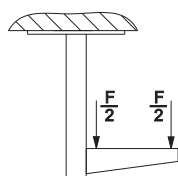
— Load curve with bracket lengths in mm

### Characteristic anchor load values for wall and support bracket AW 30

Wall fastening		Max. load $F$ [kN]						
		Bracket width [mm]						
		110	160	210	310	410	510	560
Anchor type								
BZ-U 10-10-30/90		1,50	2,10	1,65	1,40	1,50	1,00	1,00
BZ 12-15-35/110		3,00	2,65	2,90	1,50	1,90	1,80	1,75
		* Values with tray width 600						

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

### Load values for AW 30 on suspended support



### Load values for AW 30 on suspended support

### Characteristic anchor load values for wall and support bracket AW 30

T1	Wall fastening							
T2		Max. load $F$ [kN]						
T3		Bracket width [mm]						
T4	Anchor type	110	160	210	310	410	510	560
	BZ-U 10-10-30/90	1,5	2,1	1,65	1,4	1,5	1	1
	BZ 12-15-35/110	3,00	2,65	2,9	1,5	1,9	1,8	1,75
Tsub		* Values with tray width 600						