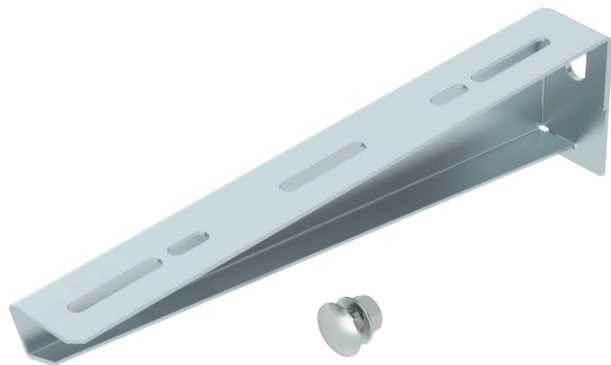


Technical data sheet

Wall and support bracket MWA 12

Item no. 6424740



Light-duty wall and support bracket.



St	Steel
FS	Strip galvanised

Additional product text, instruction	Including truss-head bolt M10 x 25 for fastening to U supports.
Product text, scope of delivery	Including truss-head screw M10 x 25 for fastening to U supports.

Master data

Item no.	6424740
Type	MWA 12 31S FS
Description 1	Wall and support bracket
Description 2	with fastening bolt M10x25
Dimension	B310mm
Material	Steel
Material symbol	St
Surface	Strip galvanised
Surface to DIN	DIN EN 10346
Surface symbol	FS
Smallest sales unit (VG)	1,00 Piece
Weight	50,30 kg/100 pc.

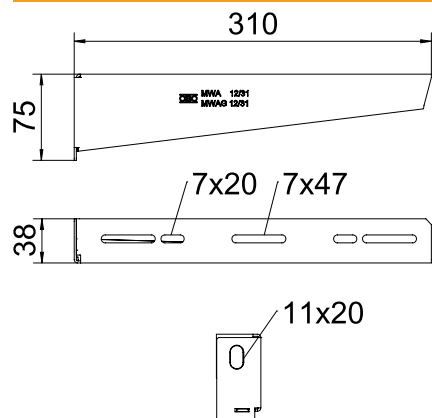
Technical data sheet

Wall and support bracket MWA 12

Item no. 6424740



Technical data



Length	38,00 mm
Width	310,00 mm
Side height	75,00 mm
Dimension A	38,00 mm
Dimension B	310,00 mm
Dimension H	75,00 mm
Dimension L	310,00 mm
Hole diameter	11,00 mm
Dimension value	310 x 75
Version	Wall and support brackets
Version	Wall and support bracket
F in kN	1,20 kN
Suitable for maintaining electrical function	☒
Rustproof steel, pickled	☐
Angle range	90,00 - 90,00 °

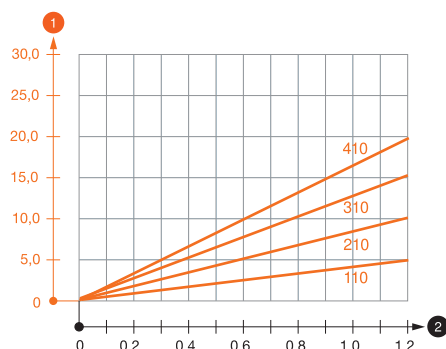
Technical data sheet

Wall and support bracket MWA 12

Item no. 6424740



Load charts



Load values heading_ Characteristic anchor values
Load values heading_ Bracket_Support
Heading, load table
Footnote, load table

Characteristic anchor load values for wall and support bracket MWA 12

Load values for MWA 12 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 MWA 12

1 Bending of the bracket tip at permitted bracket load

2 Permitted bracket load in kN without man load

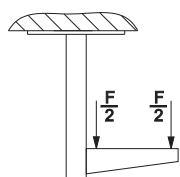
— Load curve with bracket lengths in mm

Characteristic anchor load values for wall and support bracket MWA 12

Wall fastening					
		Max. load F [kN]			
		Bracket width [mm]			
	Anchor type	110	210	310	410
	BZ-U 8-10-21/75	1,20	0,95	0,70	0,65
	BZ-U 10-10-30/90	1,20	1,20	1,20	1,20

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 MWA 12 on suspended support



Load values for MWA 12 on suspended support

Characteristic anchor load values for wall and support bracket MWA 12

T1	Wall fastening				
T2		Max. load F [kN]			
T3		Bracket width [mm]			
T4	Anchor type	110	210	310	410
	BZ-U 8-10-21/75	1,2	0,95	0,7	0,65
	BZ-U 10-10-30/90	1,2	1,2	1,2	1,2