Technical data sheet

US 3 support A2

Item number: 6342401

Suspended support (U profile) of dimensions 50 x 30 mm with welded head plate.

For fastening to horizontal concrete ceilings and steel girders. For bracket widths of 400 mm or more, or if the bracket is mounted at the end of a suspended support, we recommend the use of the spacer, type DSK 25.

A2	Stainless steel
2B	Bright, treated

Master data

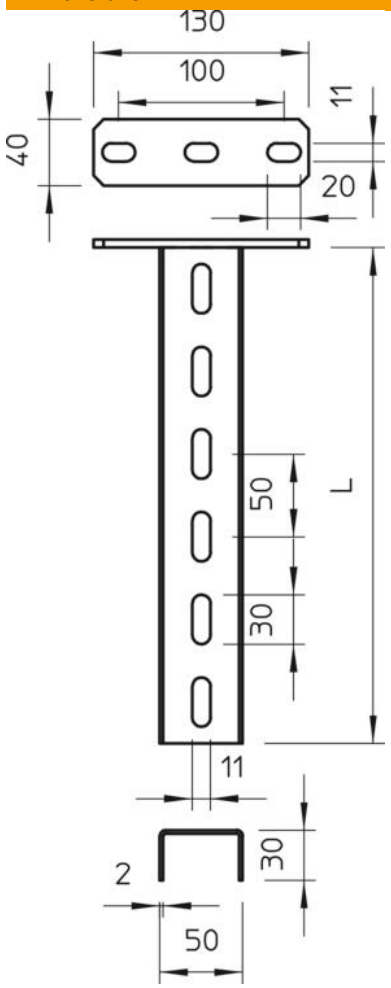
Item number	6342401
Type	US 3 K 20 A2
Description 1	Support
Description 2	with welded head plate
Manufacturer	OBO
Dimension	50x30x200
Colour	stainless steel
Material	Stainless steel 1.4301
Surface	Bright, treated
Surface standard	
Smallest sales unit	1
Unit of quantity	Piece
Weight	44 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to-Gate	2,6585 kg CO2e / 1 Piece

Technical data sheet

US 3 support A2

Item number: 6342401

Dimensions



Length	200 mm
Width	50 mm
Height	30 mm

Technical data

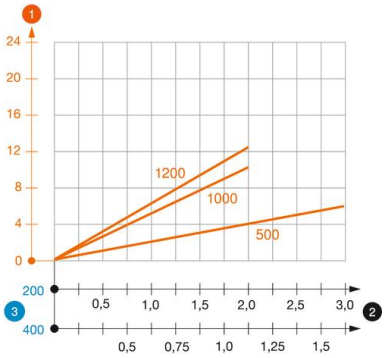
Version for	U profile
Bracket length 200	2.7 kN
Bracket length 400	1.5 kN
Maintain electrical functions	no
Material thickness	2 mm
Maximum tensile load	5 kN
ROHS-conformant	yes

Technical data sheet

US 3 support A2

Item number: 6342401

Loads

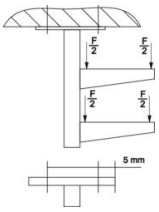


Load diagram, U support, type US 3 K

1. Bending of the end of the suspended support at permitted bracket load
2. Permitted bracket load in kN without man load
3. Bracket length in mm

— Load curves with support lengths in mm

Characteristic anchor load values for US 3 K suspended support



Single-sided load				
	Max. load [kN]			
	Bracket width [mm]			
Anchor type	110%	210	310	410
BZ3 8x75/0-20	2.18	1.59	1.25	1.02
BZ3 10x90/0-30	3.05	2.00	1.49	1.18

Max. total load F = cable weight + cable tray + bracket + suspended support. The tabular values for double-sided loads take the available axis spacing ai = 10 cm into account. The stated values are based on uncracked concrete of compressive strength C20/25. Please comply with the installation conditions of ETA(anchors).