

# Technical data sheet

## IS 8 support

Item number: 6361099



I support with welded head plate. For fastening to horizontal concrete ceilings and steel girders. Single and double-sided brackets of type AS 15, AS 30 and AS 55 can be fastened to the IS 8 K suspended support. The height of the brackets is infinitely adjustable.



**St** Steel

**FT** Hot-dip galvanised

### Master data

Item number	6361099
Type	IS 8 K 50 FT
Description 1	Support
Description 2	with welded head plate
Manufacturer	OBO
Dimension	80x42x500
Colour	zinc
Material	Steel
Surface	Hot-dip galvanised
Surface standard	DIN EN ISO 1461
Smallest sales unit	1
Unit of quantity	Piece
Weight	379.9 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to-Gate	8,1715 kg CO2e / 1 Piece

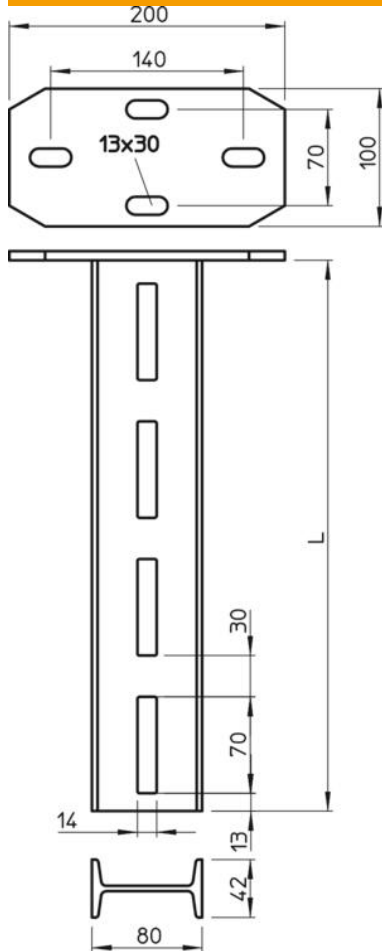
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### Dimensions



Length	500 mm
Width	80 mm
Height	42 mm

### Technical data

Version for	I profile
Bracket length 200	9.6 kN
Bracket length 400	7 kN
Bracket length 600	5 kN
Maintain electrical functions	no
Hole width	14 mm
Material thickness	4 mm
Maximum tensile load	50 kN
With tothing	no
Slot width	70 mm

### Loads



### Load diagram, I support, type IS 8 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 IS 8 K suspended support

Single-sided load	
	Max. load [kN]
	Bracket width [mm]
Anchor type	<TEXT><P>110</P></TEXT>, <TEXT><P>210</P></TEXT>, <TEXT><P>310</P></TEXT>, <TEXT><P>410</P></TEXT>, <TEXT><P>510</P></TEXT>, <TEXT><P>610</P></TEXT>
BZ3 10x90/0-30	<TEXT><P>4.84</P></TEXT>, <TEXT><P>3.64</P></TEXT>, <TEXT><P>2.92</P></TEXT>, <TEXT><P>2.44</P></TEXT>, <TEXT><P>2.10</P></TEXT>, <TEXT><P>1.83</P></TEXT>
BZ3 12x110/0-35	<TEXT><P>6.60</P></TEXT>, <TEXT><P>5.02</P></TEXT>, <TEXT><P>4.04</P></TEXT>, <TEXT><P>3.37</P></TEXT>, <TEXT><P>2.89</P></TEXT>, <TEXT><P>2.53</P></TEXT>

Max. total load  $F$  = cable weight + cable tray + bracket + suspended support. The tabular values for double-sided loads take the available axis spacing  $a_i = 10$  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).