Technical data sheet

IS 8 support

Item number: 6361153

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	6361153
Type	IS 8 K 80 FT
Description 1	Support
Description 2	with welded head plate
Manufacturer	OBO
Dimension	80x42x800
Colour	zinc
Material	Steel
Surface	Hot-dip galvanised
Surface standard	DIN EN ISO 1461
Smallest sales unit	1
Unit of quantity	Piece
Weight	553.9 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to-Gate	12,4241 kg CO2e / 1 Piece

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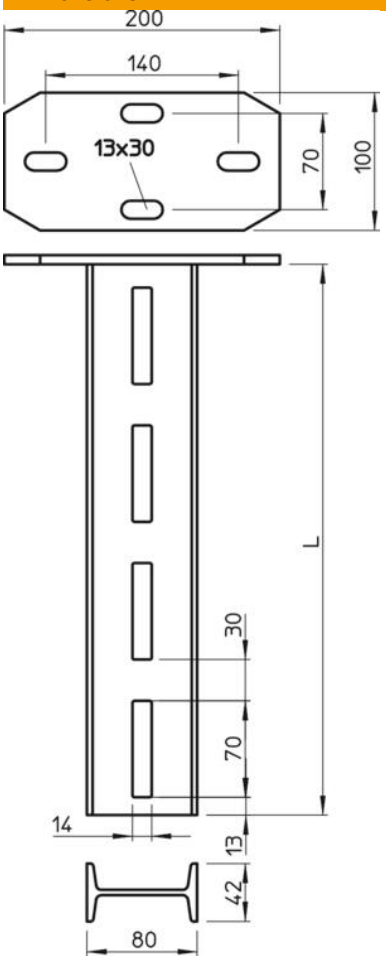
Dimensions

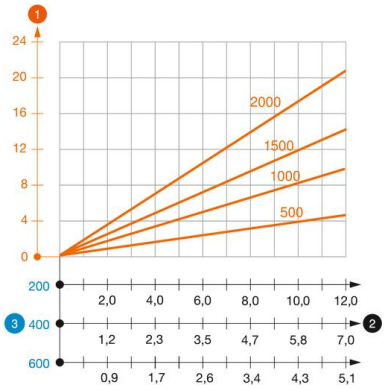


Length	800 mm
Width	80 mm
Height	42 mm

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 toothing	no
ROHS-conformant	yes
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	110	210	310	410	510	610
BZ3 10x90/0-30	4.84	3.64	2.92	2.44	2.10	1.83
BZ3 12x110/0-35	6.60	5.02	4.04	3.37	2.89	2.53

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).