# Technical data sheet

## IS 8 support

## Item number: 6361293

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 | 6361293 |
| Type | IS 8 K 140 FT |
| Description 1 | Support |
| Description 2 | with welded head plate |
| Manufacturer | OBO |
| Dimension | 80x42x1400 |
| Colour | zinc |
| Material | Steel |
| Surface | Hot-dip galvanised |
| Surface standard | DIN EN ISO 1461 |
| Smallest sales unit | 1 |
| Unit of quantity | Piece |
| Weight | 901.8 kg |
| Weight unit | kg/100 pc. |
| CO2 Footprint (GWP) Cradle-to-Gate | 20,0911 kg CO2e / 1 Piece |

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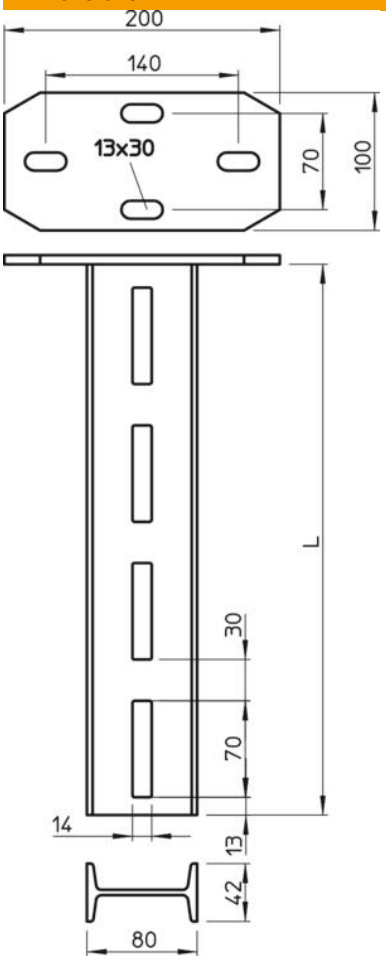
## IS 8 support

## Item number: 6361293

### Dimensions

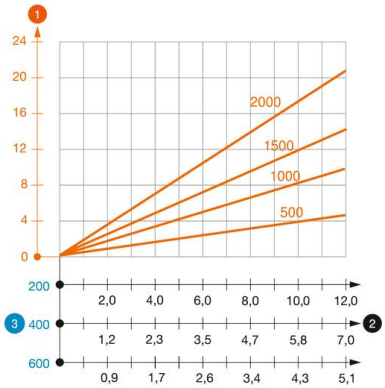



| | |
|---|---|
| Length | 1,400 mm |
| Width | 80 mm |
| Height | 42 mm |

### 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).