

# Technical data sheet

## Cable tray MKS 35 FT

Item number: 6053203



MKS 35 = Medium duty cable tray system with a side height of 35 mm.  
Magnetic shield insulation without cover 20 dB, with cover 50 dB.



St

Steel

FT

Hot-dip galvanised

| Master data                       |                         |  |
|-----------------------------------|-------------------------|--|
| Item number                       | 6053203                 |  |
| Description 1                     | Cable tray MKS          |  |
| Description 2                     | perforated              |  |
| Manufacturer                      | OBO                     |  |
| Dimension                         | 35x200x3000             |  |
| Colour                            | zinc                    |  |
| Material                          | Steel                   |  |
| Surface                           | Hot-dip galvanised      |  |
| Surface standard                  | DIN EN ISO 1461         |  |
| Smallest sales unit               | 3                       |  |
| Unit of quantity                  | Metre                   |  |
| Weight                            | 225.834 kg              |  |
| Weight unit                       | kg/100 m                |  |
| CO Footprint (GWP) Cradle-to-Gate | 5,4379 kg COe / 1 Meter |  |

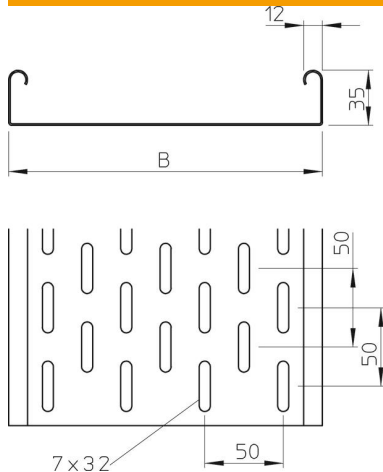
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### Dimensions



|                 |          |
|-----------------|----------|
| Dimension       | 35 x 200 |
| Length          | 3,000 mm |
| Length          | 10 ft    |
| Width           | 200 mm   |
| Width           | 8 in     |
| Height          | 35 mm    |
| Plate thickness | 0.04 in  |
| Plate thickness | 1 mm     |
| Dimension B     | 200 mm   |

### Technical data

|                                         |                      |
|-----------------------------------------|----------------------|
| Connector version                       | Without connectors   |
| Mounting system fastening type          | Floor Ceiling Wall   |
| Walkable                                | no                   |
| Maintain electrical functions           | no                   |
| With cover                              | no                   |
| Mounting perforation in base            | yes                  |
| NATO hole pattern                       | no                   |
| Usable cross-section                    | 68 cm <sup>2</sup>   |
| Usable cross-section                    | 6800 mm <sup>2</sup> |
| Rustproof steel, pickled                | no                   |
| Side perforation                        | yes                  |
| Wide-span version                       | no                   |
| Load test type according to IEC 61537   | Type II              |
| Type of connector, cable support system | Screwed              |

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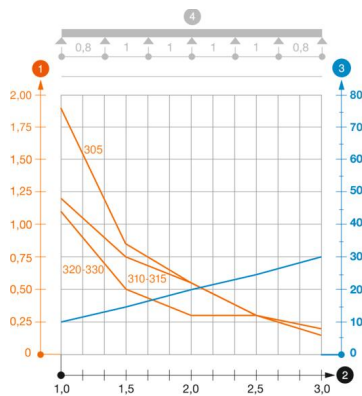
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### Loads

|                                   |          |
|-----------------------------------|----------|
| Insertable support spacings, min. | 1 m      |
| Insertable support spacings, max. | 3 m      |
| Support spacing 1.0 m             | 1.1 kN/m |
| Support spacing 1.5 m             | 0.5 kN/m |
| Support spacing 2.0 m             | 0.3 kN/m |
| Support spacing 2.5 m             | 0.3 kN/m |
| Support spacing 3.0 m             | 0.2 kN/m |



### Load diagram, cable tray, type MKS 35

- 1 Permitted cable tray/ladder load in kN/m without man load
- 2 Support width in m
- 3 Rail bend in mm at permitted kN/m
- 4 Load scheme during testing
- Load curve with cable tray/ladder width in mm
- Strut bend curve according to support width