

# Technical data sheet

## GX cable tray, perforated, FS

Item number: 6480052



GKS 100 GX = perforated cable tray system with 100 mm side height  
Magnetic shield insulation without cover 20 dB, with cover 50 dB.



|    |                  |
|----|------------------|
| St | Steel            |
| FS | Strip galvanized |

### Master data

|                     |                  |
|---------------------|------------------|
| Item number         | 6480052          |
| Description 1       | Cable tray       |
| Manufacturer        | OBO              |
| Dimension           | 100x150x3000     |
| Colour              | zinc             |
| Material            | Steel            |
| Surface             | Strip galvanized |
| Surface standard    | DIN EN 10346     |
| Smallest sales unit | 3                |
| Unit of quantity    | Metre            |
| Weight              | 227.34 kg        |
| Weight unit         | kg/100 m         |

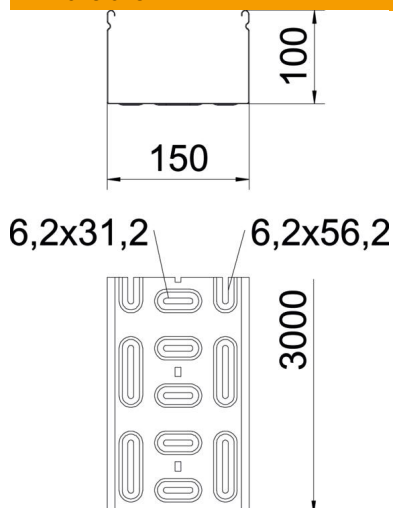
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### Dimensions



|                 |          |
|-----------------|----------|
| Length          | 3,000 mm |
| Width           | 150 mm   |
| Height          | 100 mm   |
| Plate thickness | 0.9 mm   |
| Dimension B     | 150 mm   |
| Dimension D     | 25 mm    |
| Dimension H     | 100 mm   |
| Dimension L     | 3,000 mm |

### Technical data

|                                         |                       |
|-----------------------------------------|-----------------------|
| Walkable                                | no                    |
| Maintain electrical functions           | no                    |
| With cover                              | no                    |
| Mounting perforation in base            | no                    |
| Usable cross-section                    | 148 cm <sup>2</sup>   |
| Usable cross-section                    | 14800 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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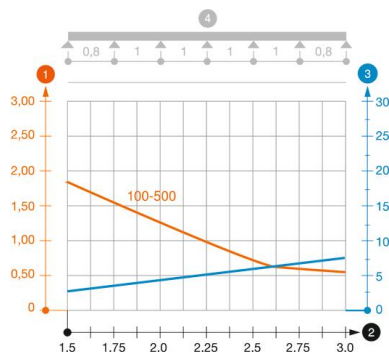
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### Loads

|                       |          |
|-----------------------|----------|
| Support spacing 1.0 m | 1.9 kN/m |
| Support spacing 1.5 m | 1.2 kN/m |
| Support spacing 2.0 m | 1.1 kN/m |
| Support spacing 2.5 m | 0.7 kN/m |
| Support spacing 3.0 m | 0.6 kN/m |



### Load diagram, cable tray, type GKS GX100

- 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