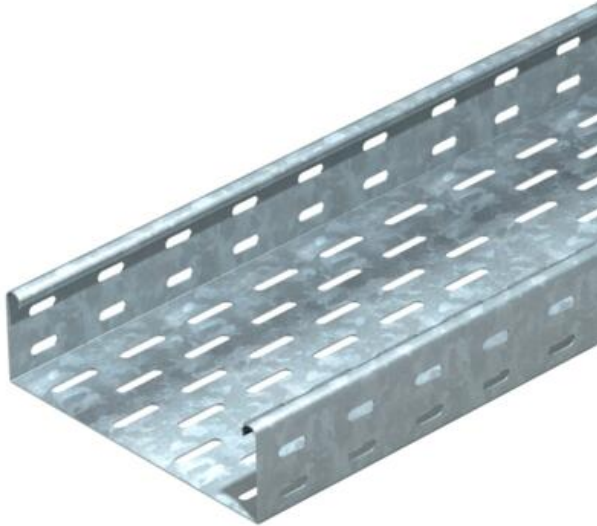


# Technical data sheet

## Cable tray EKS 60 FS

Item number: 6056423



EKS 60 = extra-heavy cable tray system with 60 mm side height.  
Straight connectors should be ordered separately for all the versions.  
Magnetic shield insulation without cover 20 dB, with cover 50 dB.



|           |                  |
|-----------|------------------|
| <b>St</b> | Steel            |
| <b>FS</b> | Strip galvanized |

### Master data

|                                    |                           |
|------------------------------------|---------------------------|
| Item number                        | 6056423                   |
| Type                               | EKS 640 FS                |
| Description 1                      | Cable tray EKS            |
| Description 2                      | perforated                |
| Manufacturer                       | OBO                       |
| Dimension                          | 60x400x3000               |
| Colour                             | zinc                      |
| Material                           | Steel                     |
| Surface                            | Strip galvanized          |
| Surface standard                   | DIN EN 10346              |
| Smallest sales unit                | 3                         |
| Unit of quantity                   | Metre                     |
| Weight                             | 736.667 kg                |
| Weight unit                        | kg/100 m                  |
| CO2 Footprint (GWP) Cradle-to-Gate | 26,3348 kg CO2e / 1 Meter |

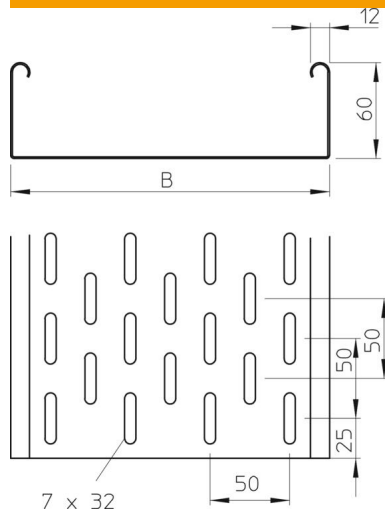
# Technical data sheet

## Cable tray EKS 60 FS

Item number: 6056423



### Dimensions



|                 |          |
|-----------------|----------|
| Dimension       | 60 x 400 |
| Length          | 3,000 mm |
| Length          | 118 ft   |
| Width           | 400 mm   |
| Width           | 16 in    |
| Height          | 60 mm    |
| Height          | 2 in     |
| Plate thickness | 0.1 in   |
| Plate thickness | 2 mm     |
| Dimension B     | 400 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                    | 238 cm <sup>2</sup>   |
| Usable cross-section                    | 23800 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               |

# Technical data sheet

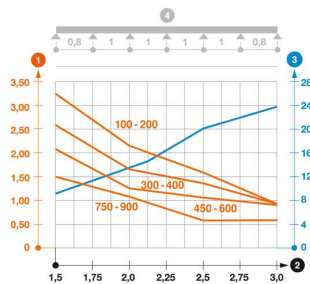
## Cable tray EKS 60 FS

Item number: 6056423



### Loads

|                                   |           |
|-----------------------------------|-----------|
| Insertable support spacings, min. | 1.5 m     |
| Insertable support spacings, max. | 3 m       |
| Support spacing 1.5 m             | 2.6 kN/m  |
| Support spacing 2.0 m             | 1.7 kN/m  |
| Support spacing 2.5 m             | 1.4 kN/m  |
| Support spacing 3.0 m             | 0.95 kN/m |



### Load diagram, cable tray, type EKS 60

- 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