Technical data sheet

Wide span cable tray WKSG 110 A2

Item number: 6098169

Wide span cable tray system, perforated, with a side height of 110 mm.
Straight connectors of type WRVL 110 should be ordered separately and in the appropriate quantity.
Magnetic shield insulation without cover 20 dB, with cover 50 dB.

A2	Stainless steel
2B	Bright, treated

Master data

Item number	6098169
Type	WKSG 140 A2
Description 1	Wide span cable tray
Description 2	perforated, floor beaded
Manufacturer	OBO
Dimension	110x400x6000
Colour	stainless steel
Material	Stainless steel 1.4301
Surface	Bright, treated
Surface standard	
Smallest sales unit	6
Unit of quantity	Metre
Weight	927.1 kg
Weight unit	kg/100 m
CO2 Footprint (GWP) Cradle-to-Gate	47,2284 kg CO2e / 1 Meter

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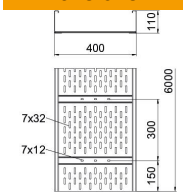
Item number: 6098169

Dimensions



Dimension	110 X 400
Length	6,000 mm
Width	400 mm
Height	110 mm
Plate thickness	2 mm
Dimension B	400 mm
Dimension L	6,000 mm

Technical data

Connector version	Without connectors
Mounting system fastening type	Floor Ceiling Wall
Maintain electrical functions	no
Mounting perforation in base	yes
Usable cross-section	408 cm²
Usable cross-section	40800 mm²
ROHS-conformant	yes
Rustproof steel, pickled	no
Side perforation	yes
Wide-span version	yes
Magnetic shield insulation without cover	20 dB
Magnetic shield insulation with cover	50 dB
Usable length	6000 mm
Type of connector, cable support system	Screwed

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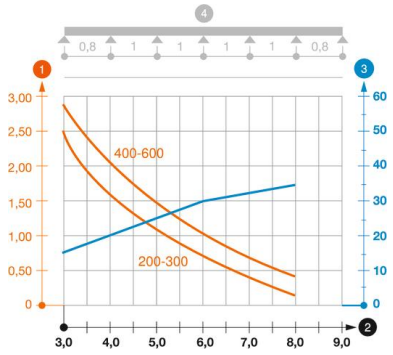
Wide span cable tray WKSG 110 A2

Item number: 6098169

Loads

Insertable support spacings, min.	3 m
Insertable support spacings, max.	8 m
Support spacing 3.0 m	2.9 kN/m
Support spacing 3.5 m	2.43 kN/m
Support spacing 4.0 m	2 kN/m
Support spacing 4.5 m	1.72 kN/m
Support spacing 5.0 m	1.5 kN/m
Support spacing 6.0 m	1 kN/m
Support spacing 7.0 m	0.7 kN/m
Support spacing 8.0 m	0.4 kN/m



Load diagram, wide span cable tray, type WKSG 110

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