

Trolley Profile LF6C, 150-3000 mm, Anodized Aluminum - Bosch Rexroth 3842993952

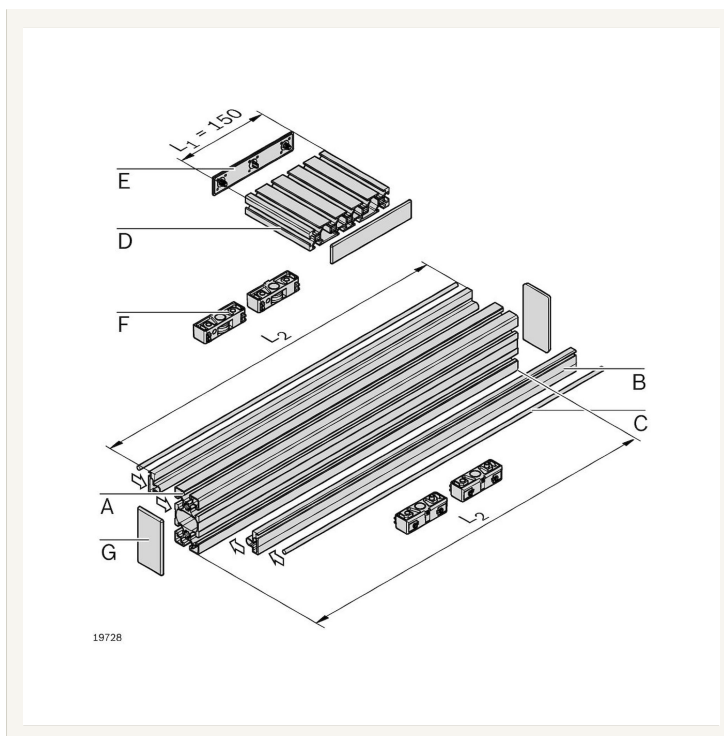
Item no. BRR-3842993952

Manufacturer Bosch Rexroth

Structural aluminum profile for building LF6C trolleys in the Bosch Rexroth transfer and assembly system. Supplied in variable lengths from 150 mm to 3000 mm, slot 8, anodized finish for lasting corrosion resistance. Area moment of inertia I_z 305.5 cm⁴ for high bending stiffness.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
HS-Code	76109090
Weight	0.0099 kg



DESCRIPTION

The trolley profile LF6C is the primary structural component for assembling LF6C trolleys in the Bosch Rexroth modular transfer system. Supplied cut to the required length between 150 mm and 3000 mm, it allows precise adaptation to any conveyor line or workstation layout without secondary machining.

- Variable length 150 mm to 3000 mm - exact fit to the application, no rework required
- Slot 8 - compatible with all Bosch Rexroth system components (connectors, attachments, sensors)
- Anodized aluminum - corrosion-resistant, lightweight, and low-maintenance
- Area moment of inertia I_z 305.5 cm⁴ and I_x 14.66 cm⁴ - high bending stiffness in the primary load direction
- Profile cross-section A 1457 cm², mass 3.93 kg/m - favorable stiffness-to-weight ratio

TECHNICAL DATA

Property	Value
Designation	Trolley profile LF6C
Length L1 min	150 mm
Length L1 max	3000 mm
Condition on delivery	Variable length
Profile slot	8

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Keldersstr. 15
42697 Solingen, Deutschland
VAT ID: DE269659389

Phone: +49 212 38340680
shop@esd-equipment.com

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Page 1/2

Property	Value
Area moment of inertia Iz	305.5 cm ⁴
Area moment of inertia Ix	14.66 cm ⁴
Profile cross-section A	1457 cm ²
Mass	3.93 kg/m
Material	Aluminum, anodized