

Führungsprofil LF12S, variable Länge 180-6070 mm, Nut 10, Aluminium eloxiert - Bosch Rexroth 3842992438

Item no. BRR-3842992438

Manufacturer Bosch Rexroth

Aluminum guide profile for the LF12S cam roller linear guide system, supplied cut to length between 180 and 6070 mm. The anodized profile features a 10 mm slot compatible with the Bosch Rexroth aluminum profile system and forms the linear track for slides and transfer units in assembly and handling equipment.

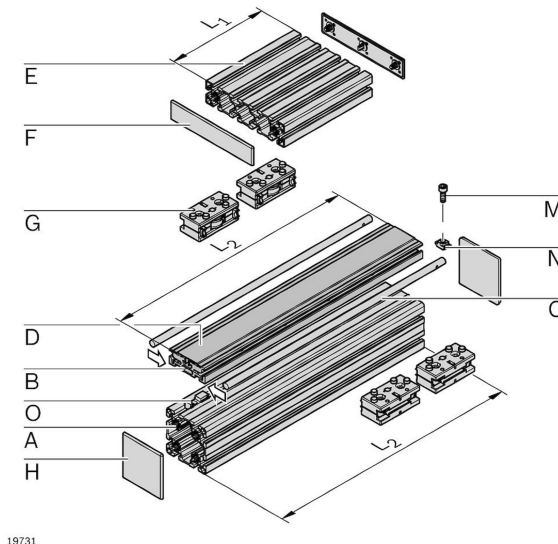
TECHNICAL DATA

Ausführungsklasse **TEC**

Country of Manufacture **Germany**

Weight **0.1 kg**

Zolltarifnummer **76109090**



STANDARDS & COMPLIANCE

DIN 7984

DESCRIPTION

The LF12S guide profile is the structural base element of the LF12S cam roller linear guide and is supplied cut to length - priced per metre - in any dimension from 180 mm to 6070 mm. Made from anodized aluminum, it directly supports the cam rollers and provides the linear track for carriages and transport units in assembly and automation systems.

- Variable cut length from 180 mm to 6070 mm - order exactly what you need, no waste
- 10 mm profile slot compatible with the Bosch Rexroth aluminum profile system - integrates directly into existing frames
- Anodized aluminum - corrosion-resistant, hard surface, low maintenance
- High bending stiffness in the main load direction ($I_z = 76.4 \text{ cm}^4$) with low mass (3.5 kg/m)
- Delivery unit: 1 piece - order to actual requirement with no minimum quantity

TECHNICAL DATA

Property	Value
Profile system	Cam roller guide LF12S
Condition on delivery	Variable length

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Property	Value
Length min [L2 min]	180 mm
Length max [L2 max]	6070 mm
Profile slot	10 mm
Material	Aluminum, anodized
Mass [m]	3.5 kg/m
Profile surface [A]	1290 cm ²
Area moment of inertia [I _y]	9.6 cm ⁴
Area moment of inertia [I _z]	76.4 cm ⁴
Delivery unit	1 piece
Required accessories	Cylinder bolt DIN 7984 M8x30, T-nut M8 slot 10 mm (3 842 530 287), sliding block, cover profile, guide rod