

Führungsprofil LF6S, variable Länge 150-3000 mm, Aluminium eloxiert - Bosch Rexroth 3842993966

Item no. BRR-3842993966

Manufacturer Bosch Rexroth

Aluminum guide profile for the LF6S cam roller guide, supplied in variable lengths from 150 to 3000 mm. The anodized profile features an induction-hardened, ground stainless steel solid shaft and a 10 mm profile slot for direct integration with Bosch Rexroth assembly technology components. Required accessories: cylinder screw DIN 7984 M6x20 and T-nut M6 (3 842 530 285).

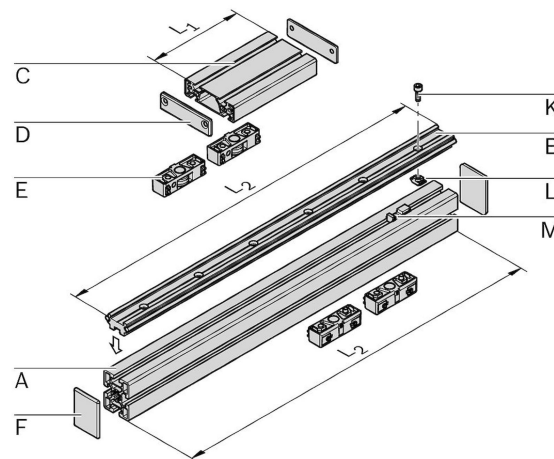
TECHNICAL DATA

Ausführungsklasse **TEC**

Country of Manufacture **Germany**

Weight **0.1 kg**

Zolltarifnummer **76042100**



19726

STANDARDS & COMPLIANCE

DIN 7984

DESCRIPTION

The LF6S guide profile from Bosch Rexroth is the structural base element of the LF6S cam roller guide system, cut to variable length between 150 and 3000 mm. The anodized aluminum profile with integrated 10 mm slot accepts cam rollers and mounting hardware directly, enabling fast, tool-compatible assembly within the Bosch Rexroth Mechatronic system.

- Variable cut length from 150 to 3000 mm - no on-site machining required
- Anodized aluminum construction: corrosion-resistant, lightweight, and dimensionally stable
- Stainless steel solid shaft (VA), induction hardened and ground: high surface hardness and running precision
- 10 mm profile slot: compatible with standard T-nuts and cylinder screws in the Bosch Rexroth system
- Mass 1.6 kg per meter: weight-optimized for dynamic handling and assembly equipment

TECHNICAL DATA

Parameter

Value

Min. length [L2 min] 150 mm

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Page 1/2

Parameter	Value
Max. length [L2 max]	3000 mm
Condition on delivery	Variable length
Profile slot	10 mm
Guide profile material	Aluminum, anodized
Shaft material	Stainless steel (VA), induction hardened, ground
Mass [m]	1.6 kg/m
Profile surface [A]	405 cm ²
Area moment of inertia [I _y]	1.16 cm ⁴
Area moment of inertia [I _z]	5.88 cm ⁴
Packaging unit	1 piece
Required accessories	Cylinder screw DIN 7984 M6x20; T-nut M6, 10 mm slot (3 842 530 285)
Delivery note	Guide rods not greased; grease according to assembly instructions 3 842 527 226