

Streckenprofil SP 2/B-50, 1000 mm, Aluminium eloxiert - Bosch Rexroth 3842992903-1000

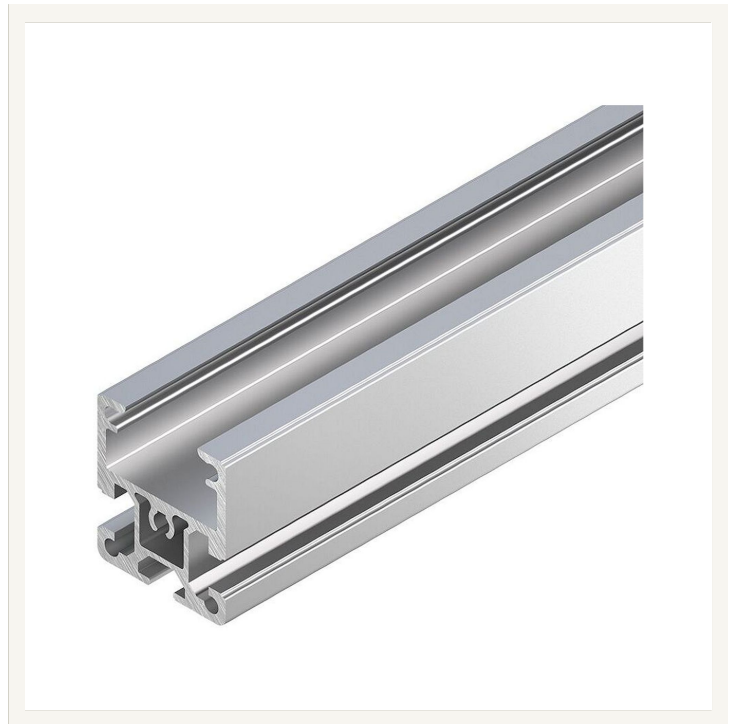
Item no. BRR-3842992903-1000

Manufacturer Bosch Rexroth

Aluminum conveyor section profile for the TS 2plus transfer system, available in variable lengths from 60 mm to 6000 mm. The anodized surface and profile slots 8 and 10 allow flexible track integration with roller elements. Nominal mass: 1.9 kg per meter.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
Weight	0.0099 kg
Zolltarifnummer	76042100



DESCRIPTION

The conveyor section profile SP 2/B-50 is the primary structural element of the track units in the Bosch Rexroth TS 2plus transfer system. It is supplied cut to variable length and accepts roller elements and other attachments via the continuous profile slots (slot 8 and slot 10).

- **Flexible length customization:** Available in any length from 60 mm to 6000 mm - project-specific cutting eliminates offcut waste.
- **High bending stiffness:** Area moment of inertia $I_x = 46.2 \text{ cm}^4$ in the main load direction for stable track guidance across longer spans.
- **Universal attachment compatibility:** Profile slots 8 and 10 are compatible with the full range of Rexroth standard profile accessories.
- **Durable surface protection:** Anodized aluminum - corrosion-resistant and low-maintenance under continuous industrial operating conditions.

TECHNICAL DATA

Attribute	Value
Designation	SP 2/B-50
Condition on delivery	Variable length
Length min (L min)	60 mm
Length max (L max)	6000 mm

Attribute	Value
Profile slots	8, 10
Material	Aluminum, anodized
Color	Natural
Mass (m)	1.9 kg/m
Profile surface (A)	6.9 cm ²
Area moment of inertia X (I _x)	46.2 cm ⁴
Moment of resistance X (W _x)	5.3 cm ³
Area moment of inertia Y (I _y)	16.9 cm ⁴
Moment of resistance Y (W _y)	7.5 cm ³
Recommended accessories	Roller elements
System	TS 2plus transfer system