

Streckenprofil SP 2/B-100, 1000 mm, Aluminium eloxiert - Bosch Rexroth 3842993259-1000

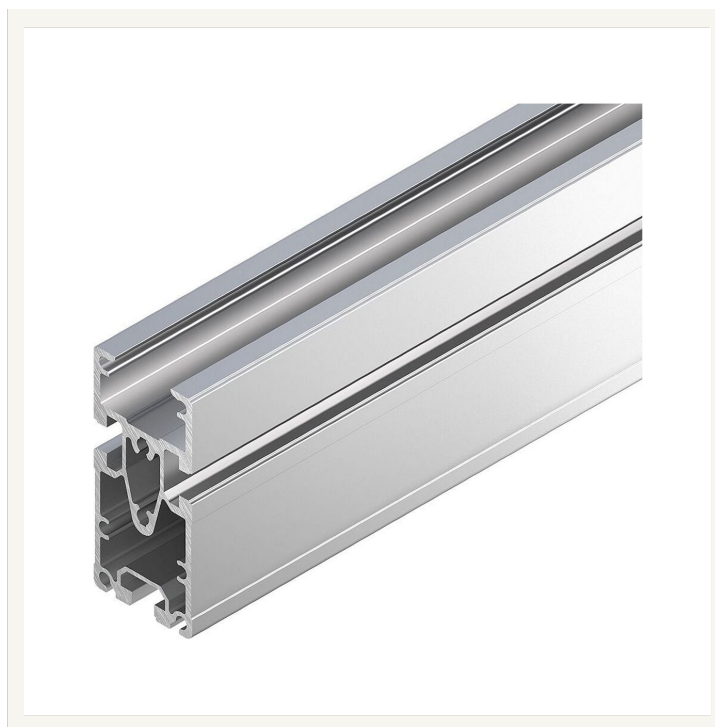
Item no. BRR-3842993259-1000

Manufacturer Bosch Rexroth

Anodized aluminum conveyor section profile for the TS 2plus transfer system, supplied in variable lengths from 60 mm to 6000 mm. The SP 2/B-100 forms the structural backbone of belt and timing-belt conveyor sections. Recommended accessories: roller elements and Cross Connector QV 2.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
Weight	0.0099 kg
Zolltarifnummer	76042100



DESCRIPTION

The conveyor section profile SP 2/B-100 is the primary structural profile for track sections in the Bosch Rexroth TS 2plus transfer system. Supplied in variable lengths, it can be cut to the exact run length required - from 60 mm up to 6000 mm - without custom tooling. Made from anodized aluminum, the profile combines corrosion resistance with high bending stiffness, making it suitable for continuous assembly and production lines driven by belt or timing belt.

- Variable length 60-6000 mm - adapt track length precisely, no special manufacture required
- Anodized aluminum - lasting surface protection, natural finish, low self-weight
- High bending stiffness - area moment of inertia $I_x = 95.1 \text{ cm}^4$, section modulus $W_x = 20 \text{ cm}^3$
- Profile slot 10 - compatible with the TS 2plus standard system for straightforward accessory attachment
- Recommended accessories: roller elements and Cross Connector QV 2 for complete track assemblies

TECHNICAL DATA

Attribute	Value
Condition on delivery	Variable length
Length min [L min]	60 mm
Length max [L max]	6000 mm

Attribute	Value
Profile slot	10
Color	Natural
Material	Aluminum, anodized
Mass [m]	3.2 kg/m
Profile surface [A]	11.9 cm ²
Area moment of inertia X [Ix]	95.1 cm ⁴
Section modulus X [Wx]	20 cm ³
Area moment of inertia Y [Iy]	30.4 cm ⁴
Section modulus Y [Wy]	13.5 cm ³
Recommended accessories	Roller elements, Cross Connector QV 2