

Strebenprofil 40x120L 5N, Aluminium eloxiert, ESD- geeignet, Länge 50-6070 mm - Bosch Rexroth 3842996363

Item no. BRR-3842996363

Manufacturer Bosch Rexroth

Extruded anodized aluminum strut profile with 40x120L cross-section and 5 open slots (10 mm slot width) for flexible assembly and support structures. ESD-suitable and supplied cut-to-length (50 to 6070 mm). High bending stiffness with an area moment of inertia of 212.4 cm⁴ in the x-direction.

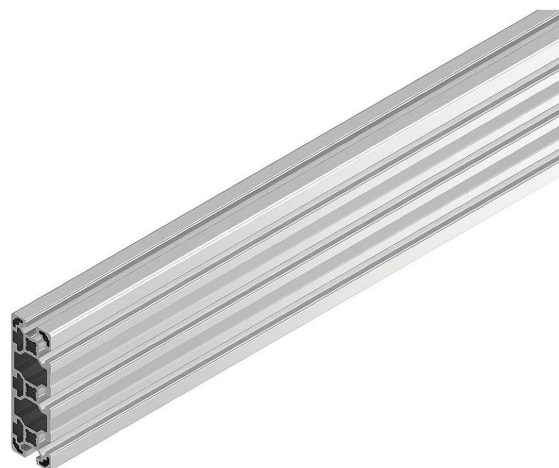
TECHNICAL DATA

Country of Manufacture **Germany**

Hinweis **Gemäß der aktuellen Preisstruktur werden für Bestellungen von Profilen mit einer Länge von 1500 mm zusätzliche Kosten in Höhe von 80,00 Euro berechnet.**

Weight **0.1 kg**

Zolltarifnummer **76169990**



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth strut profile 40x120L 5N is an anodized aluminum profile for building frames, beams, and structural assemblies in industrial environments. With 5 open slots and a 40 mm modular dimension, it integrates directly into the Rexroth profile system. The variable-length delivery condition enables made-to-order cutting with minimal material waste.

- High bending stiffness: area moment of inertia $I_x = 212.4 \text{ cm}^4$ (x-direction), $I_y = 30.06 \text{ cm}^4$ (y-direction)
- 5 open slots (10 mm slot width) for connectors, fasteners, and attachments without drilling
- ESD-suitable - compatible with electrostatic protected areas (EPA)
- Anodized aluminum, natural color - corrosion-resistant and lightweight
- Custom length: 50 mm to 6070 mm, 40 mm modular dimension

TECHNICAL DATA

Property	Value
Cross-section	40x120L 5N
Dimensions	40 x 120 mm

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Property	Value
Profile type	5N
Open slots	5
Profile slot	10 mm
Modular dimension	40 mm
Length min. (L min)	50 mm
Length max. (L max)	6070 mm
Condition on delivery	Variable length
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Profile surface (A)	15.8 cm ²
Mass (m)	4.3 kg/m
Area moment of inertia I _x (x-direction)	212.4 cm ⁴
Area moment of inertia I _y (y-direction)	30.06 cm ⁴
Moment of resistance W _x (x-direction)	35.3 cm ³
Moment of resistance W _y (y-direction)	14.5 cm ³
Delivery unit	1
Packaging unit	1
Recommended accessories	Cover cap 40x40 signal gray, Cover cap 40x40 black, Cover cap 40x80 signal gray, Cover cap 40x80 black