

Strebenprofil 40x120L, eloxiertes Aluminium, ESD-geeignet, Länge 1000 mm - Bosch Rexroth 3842993139-1000

Item no. BRR-3842993139-1000 **Manufacturer** Bosch Rexroth

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The 40x120L strut profile is an asymmetric anodized aluminum section in the 40 mm modular system, with 8 open slots and ESD suitability. An area moment of inertia of 203.2 cm⁴ in the x-direction makes it the right choice for load-bearing frames and crossbeams where bending stiffness in a defined primary direction matters. Supplied cut to length between 50 mm and 6070 mm; this listing is for 1000 mm.

TECHNICAL DATA



Article authenticity **Original product**

Condition of article **New**

Country of Manufacture **Germany**

ESD-Ausführung **TEC**

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 **0.0099 kg**

Zolltarifnummer **76042100**

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 40x120L strut profile is an anodized aluminum section from the Bosch Rexroth 40 mm modular assembly system. Its asymmetric 40x120 mm cross-section delivers significantly higher bending stiffness in the x-direction compared to square profiles of equivalent material area, making it well suited for crossbeams, traverses, and frames with a defined primary load direction. All slots follow

the 10 mm profile-slot pitch and accept the full range of 40-system accessories. ESD suitability allows use in assembly and test environments subject to electrostatic protection requirements.

- 8 open slots: connection flexibility on all faces
- Area moment of inertia $I_x = 203.2 \text{ cm}^4$ - high bending stiffness in the x-direction
- Moment of resistance $W_x = 33.9 \text{ cm}^3$ for reliable connection points under load
- ESD-suitable: safe for use in electrostatic protected areas (EPA)
- Variable length 50-6070 mm: cut to order, packaging unit 1 piece
- Pre-machined: M12 in all core pulls, D17 in slots B/H, C/G, D/F; D17V in slots A/E

Technical data

Property	Value
Cross-section	40x120L mm
Modular dimension	40 mm
Profile slot	10
Open slots	8
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Profile surface (A)	15.5 cm ²
Mass (m)	4.2 kg/m
Length min	50 mm
Length max	6070 mm
Supplied length	1000 mm
Area moment of inertia I_x	203.2 cm ⁴
Moment of resistance W_x	33.9 cm ³
Area moment of inertia I_y	27.8 cm ⁴
Moment of resistance W_y	13.9 cm ³
Torsional moment of inertia I_t	17.2 cm ⁴
Moment of torsion resistance W_t	10.0 cm ³
Profile machining	M12 in all core pulls; D17 in slots B/H, C/G, D/F; D17V in slots A/E
Recommended accessories	Cover cap 40x40 (signal gray/black), cover cap 40x80 (signal gray/black)