

Strebenprofil 40x120L D17/D17, eloxiertes Aluminium, 8 offene Nuten - Bosch Rexroth 3842993142-1000

Item no. BRR-3842993142-1000

Manufacturer Bosch Rexroth

Strut profile with a 40x120L cross-section in anodized aluminum, designed for assembly frames and load-bearing structures. Eight open slots (10 mm slot width) allow flexible connector placement on all sides. ESD-safe; cut to length from 80 mm to 6000 mm.

TECHNICAL DATA

Ausführungsklasse	TEC
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	0.0099 kg
Zolltarifnummer	76169990



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 40x120L D17/D17 strut profile from Bosch Rexroth is part of the proven modular assembly technology system. With eight open slots, a 40 mm modular dimension, and factory-machined M12 threads plus D17 and D17V bores, it integrates directly into frames and support structures without additional machining.

- Eight open slots (10 mm width) for connectors, guides, and attachments on all faces
- Factory machining: M12 in all core holes, D17 in slots B/H, C/G, D/F, D17V in slots A/E
- Anodized aluminum - corrosion-resistant and ESD-safe
- Area moment of inertia $I_x = 203.2 \text{ cm}^4$ / $I_y = 27.8 \text{ cm}^4$ for high bending stiffness along the primary load axis
- Cut to length: L min 80 mm to L max 6000 mm; packaging unit 1 piece

TECHNICAL DATA

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

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Property	Value
Modular dimension	40 mm
Profile slot width	10 mm
Open slots	8
Profile type	Standard
Color	Natural (anodized)
Material	Aluminum, anodized
ESD-safe	yes
Length min	80 mm
Length max	6000 mm
Profile surface A	15.5 cm ²
Mass m	4.2 kg/m
Area moment of inertia I _x	203.2 cm ⁴
Area moment of inertia I _y	27.8 cm ⁴
Moment of resistance W _x	33.9 cm ³
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 cm ³
Profile machining	M12: all core holes; D17: slots B/H, C/G, D/F; D17V: slots A/E
Packaging unit	1 piece
Recommended accessories	Cover cap 40x40 signal gray/black, cover cap 40x80 signal gray/black