

Strebenprofil 40x120L 2xD17V, eloxiertes Aluminium, ESD-geeignet - Bosch Rexroth 3842993225

Item no. BRR-3842993225

Manufacturer Bosch Rexroth

Strut profile with a 40x120L cross-section and 8 open slots (modular dimension 40 mm) in anodized aluminum. ESD-compatible and available in cut lengths from 90 to 6000 mm. The D17V pre-machining in slots A/E and M12 tapping in all core bores allows direct integration into Rexroth aluminum profile systems without additional machining.

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	0.1 kg
Zolltarifnummer	76169990



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth strut profile 40x120L 2xD17V is an asymmetric aluminum profile with 8 open slots and a modular dimension of 40 mm. It is designed for structural frameworks, machine bases, and workstations where high bending stiffness in the x-direction is required. The ESD-compatible surface makes it suitable for use in electrostatically protected production environments.

- High bending stiffness: area moment of inertia $I_x = 203.2 \text{ cm}^4$, moment of resistance $W_x = 33.9 \text{ cm}^3$
- 8 open slots (slot width 10 mm) for maximum connection flexibility on all faces
- Pre-machined M12 in all core bores, D17 in slots B/H, C/G, D/F, and D17V in slots A/E - no additional machining required
- ESD-compatible for use in electrostatic discharge protected areas
- Anodized aluminum, natural color - corrosion-resistant with a hard surface finish
- Cut-to-length from 90 to 6000 mm, packaging unit 1 piece

TECHNICAL DATA

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Property	Value
Cross-section	40x120L
Dimensions [mm]	40 x 120
Modular dimension [mm]	40
Profile slot [mm]	10
Open slots	8
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Length min / max [mm]	90 / 6000
Mass [kg/m]	4.2
Profile surface A [cm ²]	15.5
Area moment of inertia I _x [cm ⁴]	203.2
Moment of resistance W _x [cm ³]	33.9
Area moment of inertia I _y [cm ⁴]	27.8
Moment of resistance W _y [cm ³]	13.9
Torsional moment of inertia I _t [cm ⁴]	17.2
Moment of torsion resistance W _t [cm ³]	10
Profile machining	M12: all core bores; D17: slots B/H, C/G, D/F; D17V: slots A/E
Packaging unit	1
Recommended accessories	Cover cap 40x40 signal gray/black, Cover cap 40x80 signal gray/black