

Strebenprofil 40x120L D17/D17, eloxiertes Aluminium, ESD-geeignet - Bosch Rexroth 3842993142

Item no. BRR-3842993142

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with 40x120L cross-section and 8 open slots for flexible assembly system construction. Factory-machined D17 bores in slots B/H, C/G and D/F plus M12 tapped cores throughout eliminate on-site drilling. ESD-suitable and available 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	0.1 kg
Zolltarifnummer	76169990



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The strut profile 40x120L D17/D17 in anodized aluminum is a load-bearing structural element for workstation and machine frame systems within the Bosch Rexroth aluminum profile system. The 40 mm modular dimension and 8 open slots (slot width 10 mm) allow direct integration with all 40-series system components. Factory machining includes M12 tapped cores in all central bores plus D17 bores in slots B/H, C/G and D/F; D17V bores are provided in slots A/E - no additional drilling is required for standard connectors.

- ESD-suitable: safe for use in electrostatically sensitive production and assembly areas
- High bending stiffness: area moment of inertia $I_x = 203.2 \text{ cm}^4$ and moment of resistance $W_x = 33.9 \text{ cm}^3$ in the primary load direction
- Flexible cut-to-length: from 80 mm to 6000 mm, packaging unit 1 piece
- Factory-machined profile: no additional drilling required for standard connectors
- Anodized natural finish: corrosion-resistant and suitable for cleanroom and laboratory environments

TECHNICAL DATA

Property	Value
Cross-section	40x120L
Dimensions	40 x 120 mm
Modular dimension	40 mm
Profile slot width	10 mm
Open slots	8
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
ESD-suitable	Yes
Length min. (L min)	80 mm
Length max. (L max)	6000 mm
Profile surface (A)	15.5 cm ²
Mass (m)	4.2 kg/m
Area moment of inertia X (Ix)	203.2 cm ⁴
Moment of resistance X (Wx)	33.9 cm ³
Area moment of inertia Y (Iy)	27.8 cm ⁴
Moment of resistance Y (Wy)	13.9 cm ³
Torsional moment of inertia (It)	17.2 cm ⁴
Moment of torsion resistance (Wt)	10 cm ³
Profile machining	M12 in all central bores; D17 in slots B/H, C/G, D/F; D17V in slots A/E
Packaging unit	1 piece
Recommended accessories	Cover cap 40x40 signal gray, Cover cap 40x40 black, Cover cap 40x80 signal gray, Cover cap 40x80 black