

Strebenprofil 80x120L M12 - ESD-sicher, Aluminium eloxiert - Bosch Rexroth 3842993202

Item no. BRR-3842993202

Manufacturer Bosch Rexroth

Heavy-duty aluminum strut profile with 80x120L cross-section and 10 open slots on a 40 mm modular grid, designed for load-bearing frame structures and ESD-protected workplaces. Pre-machined M12 tapped cores and D17 clearance holes across all slot faces allow fast, precise assembly without rework. Available cut-to-length from 60 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 Bosch Rexroth strut profile 80x120L M12 is a large-format aluminum profile from the 40 mm modular framing system. Its combination of high bending stiffness, ESD safety, and factory-machined connections makes it a reliable choice for machine frames, enclosures, and assembly workstations where structural integrity and electrostatic protection are both required.

- ESD-safe - suitable for electrostatic protected areas (EPA) in electronics production
- 10 open slots (slot size 10) allow flexible attachment of panels, brackets, and accessories on all faces
- High bending stiffness: area moment of inertia $I_x = 389.2 \text{ cm}^4$ (x-direction), $I_y = 192.8 \text{ cm}^4$ (y-direction)
- Factory profile machining: M12 tapped in all core bores, D17 clearance in slots C/J, D/I, E/H and D17V in slots A/G, B/F
- Cut-to-length from 60 mm to 6000 mm - supplied ready to assemble
- Packaging unit: 1 piece, color: natural

TECHNICAL DATA

Property	Value
Cross-section	80x120L
Dimensions	80 x 120 mm
Modular dimension	40 mm
Profile slot	10
Open slots	10
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
ESD-safe	Yes
Length min (L min)	60 mm
Length max (L max)	6000 mm
Profile surface (A)	25.6 cm ²
Mass (m)	6.9 kg/m
Area moment of inertia x-direction (Ix)	389.2 cm ⁴
Moment of resistance x-direction (Wx)	64.9 cm ³
Area moment of inertia y-direction (Iy)	192.8 cm ⁴
Moment of resistance y-direction (Wy)	48.2 cm ³
Torsional moment of inertia (It)	119 cm ⁴
Moment of torsion resistance (Wt)	29.1 cm ³
Recommended accessories	Cover cap 80x120 signal gray, Cover cap 80x120 black