

Strebenprofil 80x120L D17/D17, eloxiertes Aluminium, ESD-geeignet, 10 Nuten - Bosch Rexroth 3842993204

Item no. BRR-3842993204

Manufacturer Bosch Rexroth

Heavy-duty aluminum strut profile in 80x120L cross-section with 10 open slots, 40 mm modular dimension, and ESD compatibility. Supplied anodized for corrosion resistance and suitable for demanding frame and support structures. Cut lengths from 80 mm to 6000 mm available.

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 80x120L D17/D17 strut profile is an anodized aluminum structural member from the Bosch Rexroth profile system, designed for rigid frame and strut assemblies in machine building and industrial automation. Ten open slots with a 10 mm slot width and a 40 mm modular dimension allow flexible connection at any point along the profile length. ESD compatibility makes it suitable for use in electrostatically sensitive production environments.

- 10 open slots (10 mm width) - connect brackets and accessories anywhere along the length without repositioning
- ESD-compatible - safe for use in electronics manufacturing and sensitive assembly areas
- Anodized aluminum surface - corrosion-resistant, durable, low maintenance
- Cut to length from 80 mm to 6000 mm - reduces material waste and stock complexity
- High bending stiffness: area moment of inertia I_x 389.2 cm⁴, I_y 192.8 cm⁴

TECHNICAL DATA



Property	Value
Cross-section	80x120L
Dimensions	80 x 120 mm
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
ESD-compatible	Yes
Open slots	10
Slot width	10 mm
Modular dimension	40 mm
Length min (L min)	80 mm
Length max (L max)	6000 mm
Mass (m)	6.9 kg/m
Profile surface (A)	25.6 cm ²
Area moment of inertia X (I _x)	389.2 cm ⁴
Area moment of inertia Y (I _y)	192.8 cm ⁴
Moment of resistance X (W _x)	64.9 cm ³
Moment of resistance Y (W _y)	48.2 cm ³
Torsional moment of inertia (I _t)	119 cm ⁴
Moment of torsion resistance (W _t)	29.1 cm ³
Bore machining	M12 in all core pulls; D17 in slots C/J, D/I, E/H; D17V in slots A/G, B/F
Packaging unit	1
Recommended accessories	Cover cap 80x120 signal gray, Cover cap 80x120 black