

Strebenprofil 80x120L D17V/D17V, 1000 mm - Bosch Rexroth 3842993229-1000

Item no. BRR-3842993229-1000

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with an 80x120L cross-section and D17V-machined slots A/G and B/F on both ends. ESD-rated, with 10 open slots and a 40 mm modular dimension - suited to high-load frames, machine bases, and conveyor structures. Supplied as 1 piece at 1000 mm length.

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 Bosch Rexroth Strut Profile 80x120L D17V/D17V is an anodized aluminum structural profile with an asymmetrically widened cross-section that delivers high bending and torsional stiffness. It is designed for load-bearing frames, machine bases, and conveyor systems where elevated loads act in the x-direction. Factory-machined D17V holes in slots A/G and B/F, combined with M12 core bores in all positions, allow flexible connection technology without additional machining. The ESD-rated finish makes it suitable for electrostatic-sensitive production environments.

- 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)
- 10 open slots, 40 mm modular dimension - compatible with Bosch Rexroth size-80 profile system
- Factory machining: M12 in all core bores, D17 in slots C/J, D/I, E/H, D17V in slots A/G, B/F
- ESD-rated, material: aluminum anodized, color natural
- Available lengths: 90 mm to 6000 mm (this article: 1000 mm)

TECHNICAL DATA

Parameter	Value
Cross-section	80x120L
Dimensions [mm]	80 x 120
Length [mm]	1000
Length min / max [mm]	90 / 6000
Profile type	Standard
Modular dimension [mm]	40
Profile slot	10
Open slots	10
ESD	Yes
Color	Natural
Material	Aluminum, anodized
Mass [m] [kg/m]	6.9
Profile surface [A] [cm ²]	25.6
Area moment of inertia I _x [cm ⁴]	389.2
Area moment of inertia I _y [cm ⁴]	192.8
Moment of resistance W _x [cm ³]	64.9
Moment of resistance W _y [cm ³]	48.2
Torsional moment of inertia I _t [cm ⁴]	119
Moment of torsion resistance W _t [cm ³]	29.1
Profile machining	M12: all core bores; D17: slots C/J, D/I, E/H; D17V: slots A/G, B/F
Recommended accessories	Cover cap 80x120 signal gray, Cover cap 80x120 black
Packaging unit	1