

Strebenprofil 80x120L M12/M12, Aluminium eloxiert, ESD-geeignet, 10 Nuten - Bosch Rexroth 3842993203

Item no. BRR-3842993203

Manufacturer Bosch Rexroth

Heavy-duty strut profile with an 80x120L cross-section for structural frames, machine enclosures, and assembly workstations. The anodized aluminum profile is ESD-suitable, features 10 open slots on a 40 mm grid, and is cut to length between 110 mm and 6,000 mm. Pre-machined M12 tapped cores in all axes and D17 clearance bores in the slots eliminate on-site drilling.

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 80x120L (part no. 3842993203) from Bosch Rexroth is a standard-series structural aluminum profile with an anodized finish and ESD approval. With an area moment of inertia of 389.2 cm⁴ in the x-direction and 192.8 cm⁴ in the y-direction, it handles the structural demands of machine frames, protective enclosures, and industrial workstations.

- 10 open slots on a 40 mm grid for flexible attachment of connectors, guides, and add-on components
- ESD-suitable - safe for use in electrostatically sensitive production environments
- M12 tapped cores in all axes; D17 clearance bores in slots C/J, D/I, E/H; D17V bores in slots A/G, B/F - no additional machining required
- Cut to any length from 110 mm to 6,000 mm; packaging unit: 1 piece
- Profile cross-sectional area 25.6 cm², linear mass 6.9 kg/m



TECHNICAL DATA

Property	Value
Cross-section	80x120L
Dimensions [mm]	80 x 120
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Modular dimension [mm]	40
Profile slot	10
Open slots	10
Profile adaption	M12: all tapped cores - D17: slots C/J, D/I, E/H - D17V: slots A/G, B/F
Length min / max [mm]	110 / 6,000
Packaging unit	1
Profile surface A [cm ²]	25.6
Mass m [kg/m]	6.9
Area moment of inertia I _x [cm ⁴]	389.2
Moment of resistance W _x [cm ³]	64.9
Area moment of inertia I _y [cm ⁴]	192.8
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
Recommended accessories	Cover cap 80x120 signal gray, Cover cap 80x120 black