

Strebenprofil 40x120L Q&E, ESD-geeignet, Aluminium eloxiert - Bosch Rexroth 3842993716

Item no. BRR-3842993716

Manufacturer Bosch Rexroth

Extruded aluminum strut profile with a 40x120 mm cross-section, 8 open slots (slot width 10 mm), 40 mm modular dimension and Quick-and-Easy connection technology. ESD-suitable, standard profile type, available in lengths from 50 to 6070 mm. Designed for assembly workstations, frames and guarding structures within the Bosch Rexroth aluminum profile system.

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	76042100



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The strut profile 40x120L Q&E is an anodized aluminum profile on a 40 mm modular grid with 8 open slots of 10 mm slot width. The Q&E finishing enables fast, tool-minimized assembly with compatible connectors. The profile is ESD-suitable and can be ordered in cut-to-length sizes from 50 to 6070 mm.

- Cross-section 40x120 mm, 8 open slots, slot width 10 mm
- ESD-suitable for electrostatic-sensitive production environments
- Area moment of inertia $I_x = 203.2 \text{ cm}^4$, $I_y = 27.8 \text{ cm}^4$ - high bending stiffness in x-direction
- Standard profile finishing: M12 / D9.8 / D17 / DB17 / F1 at specified slots
- Customized finishing options: DI / DIS / MT / MTS / MI / MIS / DG on request
- Material: aluminum, anodized, natural color

TECHNICAL DATA

Property	Value
Cross-section	40x120 mm

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Property	Value
Profile type	Standard
Modular dimension	40 mm
Profile slot width	10 mm
Open slots	8
ESD	yes
Color	Natural
Material	Aluminum, anodized
Length min. (L min)	50 mm
Length max. (L max)	6070 mm
Mass (m)	4.2 kg/m
Profile surface (A)	15.5 cm ²
Area moment of inertia, x-direction (Ix)	203.2 cm ⁴
Area moment of inertia, y-direction (Iy)	27.8 cm ⁴
Moment of resistance, x-direction (Wx)	33.9 cm ³
Moment of resistance, y-direction (Wy)	13.9 cm ³
Torsional moment of inertia (It)	17.2 cm ⁴
Moment of torsion resistance (Wt)	10 cm ³
Standard profile finishing	M12 / D9.8(B,C,D,F,G,H) / D17(B,C,D,F,G,H) / DB17 / F1(A,E)
Customized profile finishing	DI / DIS / MT / MTS / MI / MIS / DG
Finishing note	DGmax = 45°, Lmin1/Lmin2 = 439/578 mm, finishing at specified slots only
Recommended accessories	Cover cap 40x40 (signal gray, black), cover cap 40x80 (signal gray, black)
Packaging unit	1