

Strebenprofil 40x160L, ESD-geeignet, eloxiertes Aluminium - Bosch Rexroth 3842993717

Item no. BRR-3842993717 **Manufacturer** Bosch Rexroth

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The 40x160L strut profile in the Q&E system is an anodized aluminum profile with 10 open slots, a modular dimension of 40 mm, and ESD suitability. It provides high bending stiffness for load-bearing frames and structural assemblies in production and automation environments. Available in lengths from 80 to 6070 mm with standard or customized profile finishing.

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
Country of Manufacture	Germany
ESD-Ausführung	TEC
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 Bosch Rexroth 40x160L strut profile is part of the Q&E profile system with a 40 mm modular dimension, manufactured from anodized aluminum. An area moment of inertia of 466.7 cm⁴ in the x-direction delivers the bending stiffness required for structural and load-bearing applications. ESD suitability makes it a reliable structural component in electronics manufacturing and test environments.

- 10 open slots for maximum connection flexibility on all faces
- Area moment of inertia $I_x = 466.7 \text{ cm}^4$ - high bending stiffness in the x-direction
- ESD-suitable for use in electrostatic-protected work areas
- Length range 80 to 6070 mm; standard finishing subject to defined minimum lengths
- Standard profile finishing: M12 / D9.8 / D17 / DB17 / F1 at specified slots
- Customized finishing options: DI / DIS / MT / MTS / MI / MIS / DG on request

Technical data

Property	Value
Cross-section	40x160L
Dimensions	40x160 mm
Modular dimension	40 mm
Profile type	Standard
Profile slot	10
Open slots	10
ESD	yes
Material	Aluminum, anodized
Color	Natural
Length min (L min)	80 mm
Length max (L max)	6070 mm
Mass (m)	5.5 kg/m
Profile surface (A)	20.5 cm ²
Area moment of inertia X (I_x)	466.7 cm ⁴
Area moment of inertia Y (I_y)	37.2 cm ⁴
Moment of resistance X (W_x)	58.3 cm ³
Moment of resistance Y (W_y)	18.6 cm ³
Torsional moment of inertia (I_t)	25.8 cm ⁴
Moment of torsion resistance (W_t)	14.6 cm ³
Standard profile finishing	M12 / D9.8(B,C,D,E,G,H,I,J) / D17(B,C,D,E,G,H,I,J) / DB17 / F1(A,F)
Customized profile finishing	DI / DIS / MT / MTS / MI / MIS / DG
Finishing notice	DGmax = 45°, Lmin1/Lmin2 = 439/578 mm, standard finishing at specified slots
Recommended accessories	Cover cap 40x80, signal gray; Cover cap 40x80, black
Packaging unit	1