

Strebenprofil 40x80L D17/D17, 1000 mm, Aluminium eloxiert, ESD-geeignet - Bosch Rexroth 3842993135-1000

Item no. BRR-3842993135-1000 **Manufacturer** Bosch Rexroth

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The 40x80L strut profile with 40 mm modular dimension is an anodized aluminum profile for building flexible assembly systems, workstations, and automation structures. Six open slots (10 mm slot width) allow connections from every side using standard Rexroth profile accessories. ESD suitability makes it safe for use in electrostatically sensitive environments. Supplied at 1000 mm length, cuttable to size (min 80 mm, max 6000 mm).

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	0.0099 kg
Zolltarifnummer	76169990



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth 40x80L strut profile is an anodized aluminum profile in the 40 mm modular grid, designed for constructing workstations, machine guards, conveyor frames, and industrial automation structures. Its six open slots accept all standard Rexroth profile connectors from any orientation, reducing assembly time and rework.

- ESD-suitable: safe for use in areas handling electrostatic-sensitive assemblies and components
- Six open slots allow connections from all six faces without repositioning the profile
- Pre-machined as standard: M12 in all core bores; D17 in slots B/F and C/E; D17V in slots A/D
- Anodized aluminum, natural color - corrosion-resistant and ready for immediate use
- 1000 mm unit length, cuttable; available from 80 mm to 6000 mm

Technical data

Property	Value
Cross-section	40x80L
Dimensions [mm]	40x80
Modular dimension [mm]	40
Profile slot [mm]	10
Open slots	6
Profile type	Standard
Color	Natural
Material	Aluminum, anodized
ESD	Yes
Length this unit [mm]	1000
Length min [mm]	80
Length max [mm]	6000
Mass [kg]	2.7
Profile surface A [cm ²]	9.9
Area moment of inertia I _x [cm ⁴]	63.4
Area moment of inertia I _y [cm ⁴]	17.3
Moment of resistance W _x [cm ³]	15.9
Moment of resistance W _y [cm ³]	8.7
Torsional moment of inertia I _t [cm ⁴]	8.02
Moment of torsion resistance W _t [cm ³]	4.8
Profile adaption	M12: all core bores; D17: slots B/F, C/E; D17V: slots A/D
Packaging unit	1
Recommended accessories	Cover cap 40x80 signal gray, Cover cap 40x80 black, Cover cap with hole 40x80 signal gray, Cover cap with hole 40x80 black