

Strebenprofil 40x80x80L ESD-geeignet, Aluminium eloxiert, 1000 mm - Bosch Rexroth 3842993730-1000

Item no. BRR-3842993730-1000 **Manufacturer** Bosch Rexroth

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Angled aluminium strut profile with 40x80x80L cross-section and 8 open slots on a 40 mm modular grid - ESD-suitable and available in lengths from 50 to 6070 mm. Designed for corner joints, frames and bracing structures within the Rexroth aluminium profile system.

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	76042100



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 40x80x80L strut profile in anodized aluminium combines the stiffness of an 80 mm tall section with an angled geometry (90°) - suited to corner connections, frames and bracing assemblies within the Rexroth modular profile system. ESD suitability extends its use to electrostatically sensitive production environments.

- 8 open slots (slot width 10 mm) for maximum connection flexibility on all faces

- 40 mm modular dimension - fully compatible with the entire Rexroth 40-series profile range
- Area moment of inertia $I_x = I_y = 96.6 \text{ cm}^4$, moment of resistance $W_x = W_y = 24.2 \text{ cm}^3$ for high bending stiffness
- Torsional moment of inertia $I_t = 19.6 \text{ cm}^4$, moment of torsion resistance $W_t = 9.8 \text{ cm}^3$
- Profile surface area $A = 15.4 \text{ cm}^2$, linear mass 4.2 kg/m
- Standard profile finishing: M12 / D9.8 / D17 / DB17 (observe minimum length)
- Customized finishing: DI / DIS / MT / MTS / MI / MIS / DG (DGmax = 45°, Lmin1/Lmin2 = 439/578 mm)
- Cut length for this order item: 1000 mm

Technical data

Attribute	Value
Cross-section	40x80x80L
Profile type	angled
Dimensions [mm]	40 x 80 x 80
Modular dimension [mm]	40
Profile slot [mm]	10
Open slots	8
Length this item [mm]	1000
Length min / max [mm]	50 / 6070
Mass [kg/m]	4.2
Profile surface A [cm ²]	15.4
Area moment of inertia $I_x = I_y$ [cm ⁴]	96.6
Moment of resistance $W_x = W_y$ [cm ³]	24.2
Torsional moment of inertia I_t [cm ⁴]	19.6
Moment of torsion resistance W_t [cm ³]	9.8
Material	Aluminum, anodized
Color	Natural
ESD-suitable	yes
Standard profile finishing	M12 / D9.8 / D17 / DB17
Customized profile finishing	DI / DIS / MT / MTS / MI / MIS / DG
Finishing note	DGmax = 45°, Lmin1 / Lmin2 = 439 / 578 mm
Recommended accessories	Cover cap 40x80x80 signal gray, Cover cap 40x80x80 black
Packaging unit	1