

# Strebenprofil 40x80L 2NVS, ESD-geeignet, eloxiertes Aluminium, 1000 mm - Bosch Rexroth 3842993767-1000

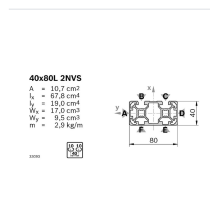
**Item no.** BRR-3842993767-1000 **Manufacturer** Bosch Rexroth

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The Bosch Rexroth strut profile 40x80L 2NVS is an anodized aluminum profile with two open slots and ESD suitability, designed for assembly systems, workstations, and guarding structures. The 40 mm modular dimension allows direct integration with the full Bosch Rexroth profile system. Supplied at 1000 mm; can be ordered cut to length from 50 mm up to 6070 mm.

## TECHNICAL DATA

Article authenticity	<b>Original product</b>
Condition of article	<b>New</b>
Country of Manufacture	<b>Germany</b>
ESD-Ausführung	<b>TEC</b>
Hinweis	<b>Gemäß der aktuellen Preisstruktur werden für Bestellungen von Profilen mit einer Länge von 1500 mm zusätzliche Kosten in Höhe von 80,00 Euro berechnet.</b>
Weight	<b>0.0099 kg</b>
Zolltarifnummer	<b>76042100</b>



## STANDARDS & COMPLIANCE

**ESD safe**

## DESCRIPTION

The strut profile 40x80L 2NVS (cross-section 40x80 mm, profile type 2NVS) is an anodized aluminum profile for building assembly systems, ergonomic workstations, and protective structures. Two open slots (10 mm wide) and a 40 mm modular dimension allow free positioning of connectors and brackets without disassembly. ESD suitability makes it a reliable choice for electronics manufacturing and other electrostatically sensitive environments. The high bending stiffness in the

x-direction (area moment of inertia  $I_x = 67.8 \text{ cm}^4$ ) suits horizontally loaded crossbeams and cantilevers.

- ESD-suitable: safe use in electrostatic-sensitive production areas
- Two open slots (10 mm): connectors and attachments can be positioned freely along the full length
- Anodized aluminum (natural color): corrosion-resistant, lightweight, dimensionally stable
- Flexible cut-to-length: 50 mm to 6070 mm; standard finishing M12 / D9.8 / D17 / DB17; custom finishing DI / DIS / MT / MTS / MI / MIS / DG (DGmax = 45 deg, Lmin1/Lmin2 = 439/578 mm)
- 40 mm modular dimension: direct compatibility with the entire Bosch Rexroth assembly technology portfolio

## Technical data

Property	Value
Cross-section	40x80 mm
Profile type	2NVS
Open slots	2
Slot width	10 mm
Modular dimension	40 mm
Delivery length	1000 mm
Length min / max	50 mm / 6070 mm
Mass	2.9 kg/m
Profile surface (A)	10.7 cm <sup>2</sup>
Area moment of inertia $I_x$	67.8 cm <sup>4</sup>
Moment of resistance $W_x$	17 cm <sup>3</sup>
Area moment of inertia $I_y$	19 cm <sup>4</sup>
Moment of resistance $W_y$	9.5 cm <sup>3</sup>
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Standard profile finishing	M12 / D9.8 / D17 / DB17
Custom profile finishing	DI / DIS / MT / MTS / MI / MIS / DG
Packaging unit	1