

Strebenprofil 40x80L 3NVS, 6070 mm, eloxiertes Aluminium, ESD-geeignet - Bosch Rexroth 3842538329

Item no. BRR-3842538329 **Manufacturer** Bosch Rexroth

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Structural strut profile with 40x80L cross-section and three open slots (profile type 3NVS) for load-bearing frames and conveyor structures. The anodized aluminum profile is ESD-rated and is supplied as a single rod in the standard length of 6070 mm. Recommended accessories: cover caps 40x80 in signal gray or black.

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
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.
Lenght	6070 mm
Weight	17.4 kg
Zolltarifnummer	76042100



LENGHT

6070 mm

WEIGHT

17.4 kg

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth strut profile 40x80L 3NVS is designed for load-bearing frames and assembly structures where high bending stiffness and electrostatic discharge capability are required. The asymmetric 40x80L cross-section with three open slots (modular dimension 40 mm, profile slot 10) allows flexible attachment of connectors and add-on components from the Rexroth system. Material: aluminum, anodized. Color: natural. ESD-rated: yes.

- Three open slots allow add-on components on three sides without interrupting the load-bearing structure
- Anodized surface provides corrosion resistance and electrostatic discharge capability (ESD: yes)
- High bending stiffness in the x-direction: area moment of inertia $I_x = 67.8 \text{ cm}^4$, moment of resistance $W_x = 17 \text{ cm}^3$
- Supplied as a single rod in standard length 6070 mm - ready to install without further cutting
- Compatible with the full Bosch Rexroth connector and accessory range for 40 mm modular dimension

Technical data

Property	Value
Cross-section	40x80L 3NVS
Profile type	3NVS
Dimensions	40 x 80 mm
Length [L]	6070 mm
Modular dimension	40 mm
Profile slot	10
Open slots	3
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Profile surface [A]	10.6 cm ²
Area moment of inertia x-direction [I_x]	67.8 cm ⁴
Area moment of inertia y-direction [I_y]	19 cm ⁴
Moment of resistance x-direction [W_x]	17 cm ³
Moment of resistance y-direction [W_y]	9.5 cm ³
Torsional moment of inertia [I_t]	15.9 cm ⁴
Moment of torsion resistance [W_t]	5.2 cm ³
Mass [m]	2.9 kg/m
Weight (rod)	17.4 kg
Condition on delivery	Single rod in standard length
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