

Strut Profile 45x90L 3NVS, 6070 mm, Anodized Aluminum - Bosch Rexroth 3842538302

Item no. BRR-3842538302 **Manufacturer** Bosch Rexroth

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Asymmetric aluminum strut profile with a 45x90L cross-section (type 3NVS), three open slots, and a length of 6070 mm. The anodized finish provides lasting corrosion resistance for use in load-bearing frames and support structures on a 45 mm modular grid. Supplied as a single rod in standard length, natural color.

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
Country of Manufacture	Germany
HS-Code	76042100
Length	6070 mm
Note	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	19.689 kg



DESCRIPTION

The Bosch Rexroth 45x90L 3NVS strut profile is an asymmetric anodized aluminum section with three open slots, designed for rigid load-bearing frames and support structures within the 45 mm modular system. An area moment of inertia of 87.2 cm⁴ in the x-direction and a moment of resistance of 38.8 cm³ make it well suited to mechanically demanding applications.

- Three open slots (slot size 10) for flexible connections on three faces
- High bending stiffness from the asymmetric 45x90 cross-section
- Anodized aluminum surface - corrosion resistant and wear hard
- Compatible with the Bosch Rexroth 45 mm modular system

- Supplied as a single rod in standard length, ready to install

Technical data

Property	Value
Cross-section	45x90L 3NVS
Profile type	3NVS
Dimensions	45x90 mm
Length [L]	6070 mm
Modular dimension	45 mm
Profile slot	10
Open slots	3
Material	Aluminum, anodized
Color	Natural
Profile surface [A]	11.8 cm ²
Area moment of inertia in x-direction [Ix]	87.2 cm ⁴
Area moment of inertia in y-direction [Iy]	25.2 cm ⁴
Moment of resistance in x-direction [Wx]	38.8 cm ³
Moment of resistance in y-direction [Wy]	5.6 cm ³
Torsional moment of inertia [It]	25.7 cm ⁴
Moment of torsion resistance [Wt]	6.6 cm ³
Mass [m]	3.2 kg/m
Weight (rod)	19.689 kg
Condition on delivery	Single rod in standard length
Packaging unit	1
Recommended accessories	Cover cap 45x90 signal gray, Cover cap 45x90 black, Cover cap with hole 45x90 signal gray, Cover cap with hole 45x90 black