

Strut Profile 40x80L 3NVS, Anodized Aluminum, ESD- Suitable, Variable Length 50-6070 mm - Bosch Rexroth 3842993654

Item no. BRR-3842993654

Manufacturer Bosch Rexroth

Strut profile with a 40x80 mm cross-section (type 3NVS) made from anodized aluminum, suitable for ESD-sensitive assembly and workstation systems. Three open profile slots (10 mm slot width) allow connections on all longitudinal faces. Supplied cut to length between 50 mm and 6070 mm.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
HS-Code	76042100
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	0.1 kg



31406

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth strut profile 40x80L 3NVS is an anodized aluminum profile in the 40 mm modular grid with three open slots. It is rated for ESD-sensitive environments and supplied cut to the required length - from 50 mm to 6070 mm - with no need to order full bar lengths.

- ESD-suitable: certified for use in electrostatically sensitive production and assembly areas
- Cut-to-length delivery: any dimension from 50 mm to 6070 mm, packaging unit 1 piece
- Three open slots (type 3NVS) allow connections on all longitudinal faces without repositioning the profile
- 10 mm slot width: compatible with the full Bosch Rexroth standard component range (T-slot nuts, brackets, connectors)
- Anodized aluminum, natural color: corrosion-resistant, lightweight and suitable for visible structures
- High bending stiffness in the x-direction ($I_x = 67.8 \text{ cm}^4$, $W_x = 17 \text{ cm}^3$) for load-bearing frame assemblies

TECHNICAL DATA

Property	Value
Cross-section	40x80 mm
Profile type	3NVS
Open slots	3
Profile slot width	10 mm
Modular dimension	40 mm
Length min. (L min)	50 mm
Length max. (L max)	6070 mm
Condition on delivery	Variable length (cut to order)
Material	Aluminum, anodized
Color	Natural
ESD-suitable	Yes
Mass (m)	2.9 kg/m
Profile surface (A)	10.6 cm ²
Area moment of inertia X (Ix)	67.8 cm ⁴
Moment of resistance X (Wx)	17 cm ³
Area moment of inertia Y (Iy)	19 cm ⁴
Moment of resistance Y (Wy)	9.5 cm ³
Torsional moment of inertia (It)	15.9 cm ⁴
Moment of torsion resistance (Wt)	5.2 cm ³
Packaging unit	1 piece
Recommended accessories	Cover cap 40x80 signal gray, Cover cap 40x80 black, Cover cap with hole 40x80 signal gray, Cover cap with hole 40x80 black