

Strut Profile 40x80L 4N, 6070 mm, ESD-Compliant, Anodized Aluminum - Bosch Rexroth 3842536485

Item no. BRR-3842536485

Manufacturer Bosch Rexroth

Anodized aluminum strut profile, cross-section 40x80L 4N, 6070 mm long, for load-bearing frames in assembly and transfer systems. Six open slots (profile slot 10, modular dimension 40 mm) allow flexible connections throughout the Rexroth modular system. ESD-compliant for use in electrostatic-sensitive production environments.

TECHNICAL DATA

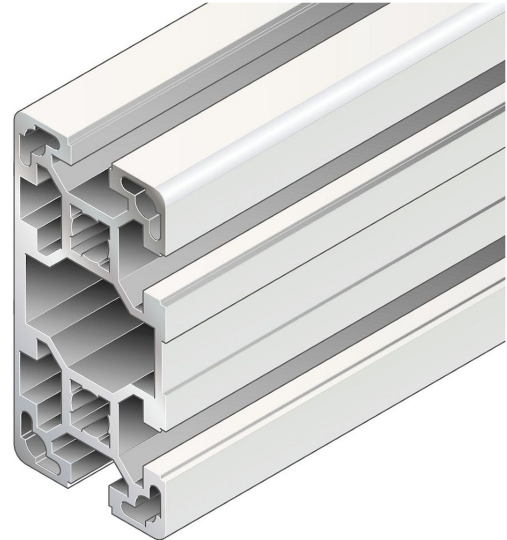
Country of Manufacture **Germany**

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 **17.09 kg**



31405

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth strut profile 40x80L 4N is an anodized aluminum section in the 40x80 mm size class with 6 open slots and a modular dimension of 40 mm. At 6070 mm in length it is suited to main structural members in assembly workstations, transfer lines, and machine guarding where ESD protection is required. The 4N profile type delivers high bending stiffness about the x-axis and connects to the full range of Rexroth 10 mm slot accessories.

- ESD-compliant: safe for use in electrostatic-sensitive manufacturing and test environments
- 6 open slots for maximum connection flexibility with fasteners and accessories
- High bending stiffness: area moment of inertia I_x 65.2 cm⁴, section modulus W_x 16.3 cm³
- Anodized surface: corrosion-resistant, wear-resistant, natural finish
- Fully compatible with the Rexroth modular system (modular dimension 40 mm, profile slot 10)

TECHNICAL DATA

Property	Value
Cross-section	40x80L 4N

Property	Value
Dimensions	40x80 mm
Length [L]	6070 mm
Profile type	4N
Profile slot	10
Modular dimension	40 mm
Open slots	6
ESD	yes
Material	Aluminum, anodized
Color	Natural
Profile surface [A]	10.4 cm ²
Mass [m]	2.8 kg/m
Weight (bar)	17.09 kg
Area moment of inertia [Ix]	65.2 cm ⁴
Area moment of inertia [Iy]	19.1 cm ⁴
Section modulus [Wx]	16.3 cm ³
Section modulus [Wy]	9.9 cm ³
Torsional moment of inertia [It]	13.3 cm ⁴
Torsion section modulus [Wt]	4.4 cm ³
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