

Strebenprofil 40x120L 5N, eloxiertes Aluminium, 6070 mm, 5 offene Nuten - Bosch Rexroth 3842558480

Item no. BRR-3842558480

Manufacturer Bosch Rexroth

Heavy-duty aluminum strut profile with a 40x120L 5N cross-section and a length of 6070 mm, designed for load-bearing frames, machine bases, and guards. The anodized profile features 5 open slots for versatile connections and is ESD-rated for use in electrostatic-sensitive production areas. Delivery unit: 8 profiles in standard length, mass per profile 4.3 kg.

TECHNICAL DATA

Country of Manufacture **Sweden**

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.**

Length **6070 mm**

Weight **211 kg**

Zolltarifnummer **76042100**


STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth strut profile 40x120L 5N is an anodized aluminum structural profile for load-bearing applications in assembly systems, machine frames, and protective enclosures. An area moment of inertia of 212.4 cm⁴ in the x-direction and a moment of resistance of 35.3 cm³ deliver high bending stiffness at low weight. ESD qualification meets the requirements of electrostatic-protected manufacturing environments.

- High bending stiffness: area moment of inertia I_x 212.4 cm⁴, moment of resistance W_x 35.3 cm³
- 5 open slots for flexible connections and attachments without post-machining
- ESD-rated for electrostatic-protected work areas
- Anodized aluminum: corrosion-resistant, natural color
- Delivery unit: 8 profiles at 6070 mm each, mass per profile 4.3 kg

TECHNICAL DATA

Attribute

Value

Cross-section 40x120L 5N

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Attribute	Value
Dimensions	40 x 120 mm
Length [L]	6070 mm
Profile type	5N
Open slots	5
Profile slot	10
Modular dimension	40 mm
Material	Aluminum, anodized
Color	Natural
ESD	yes
Profile surface [A]	15.8 cm ²
Area moment of inertia, x-direction [Ix]	212.4 cm ⁴
Area moment of inertia, y-direction [Iy]	30.06 cm ⁴
Moment of resistance, x-direction [Wx]	35.3 cm ³
Moment of resistance, y-direction [Wy]	14.5 cm ³
Mass per profile [m]	4.3 kg
Delivery unit	8 pieces
Condition on delivery	Packaging unit in standard length
Weight (delivery unit)	211 kg
Recommended accessories	Cover cap 40x40 signal gray, Cover cap 40x40 black, Cover cap 40x80 signal gray, Cover cap 40x80 black