

Strut Profile 100x200L M12, Anodized Aluminum, 12 Open Slots - Bosch Rexroth 3842993179

Item no. BRR-3842993179

Manufacturer Bosch Rexroth

Heavy-section aluminum strut profile with a 100x200L cross-section and 12 open slots for maximum rigidity in demanding assembly structures. The anodized profile ships cut to your specified length between 60 mm and 6000 mm, making it the right choice for load-bearing frames, machine bases, and fixtures with high structural requirements.

TECHNICAL DATA

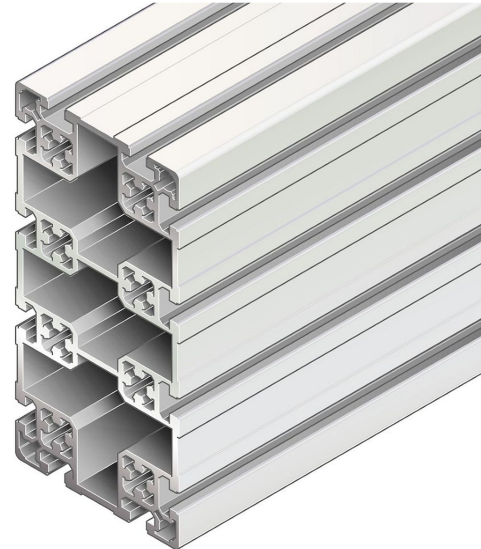
Ausführungsklasse **TEC**

Country of Manufacture **Germany**

HS-Code **76169990**

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**



31440

DESCRIPTION

The 100x200L strut profile is the largest standard profile in the Bosch Rexroth aluminum profile system. With an area moment of inertia of 2133.1 cm⁴ (x-direction) and a profile surface of 54 cm², it delivers exceptional bending stiffness for load-bearing frame structures, heavy machine bases, and transfer bridges. A modular dimension of 50 mm and M12 connection technology ensure full compatibility across the entire Rexroth MK profile system.

- 12 open slots for maximum connection flexibility on all sides
- Cut to length: specify from 60 mm to 6000 mm
- Anodized aluminum - corrosion-resistant with a durable surface finish
- High torsional rigidity: torsional moment of inertia 421 cm⁴, moment of torsion resistance 75.7 cm³
- Fully compatible with Rexroth connectors, brackets, and accessories in the 100-series

TECHNICAL DATA

Property	Value
Cross-section	100x200L
Dimensions	100x200 mm
Profile slot	10
Modular dimension	50 mm

Property	Value
Open slots	12
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
Length min (L min)	60 mm
Length max (L max)	6000 mm
Mass (m)	14.6 kg/m
Profile surface (A)	54 cm ²
Area moment of inertia x-direction (Ix)	2133.1 cm ⁴
Moment of resistance x-direction (Wx)	213.3 cm ³
Area moment of inertia y-direction (Iy)	602.1 cm ⁴
Moment of resistance y-direction (Wy)	120.4 cm ³
Torsional moment of inertia (It)	421 cm ⁴
Moment of torsion resistance (Wt)	75.7 cm ³
Packaging unit	1
Recommended accessories	Cover cap 100x100 black, Cover cap 100x100 signal gray