

Strebenprofil 100x200L D17/D17, Aluminium eloxiert, 12 Nuten, L 80-6000 mm - Bosch Rexroth 3842993183

Item no. BRR-3842993183 **Manufacturer** Bosch Rexroth

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Heavy-duty aluminum strut profile with 100x200 mm cross-section and 12 open slots (modular dimension 50 mm) for demanding structural applications in machine building and assembly systems. The anodized finish provides corrosion resistance and a high area moment of inertia (I_x 2133.1 cm⁴) for stiff, load-bearing frames. Supplied as a cut-to-length piece from 80 mm to 6000 mm.

TECHNICAL DATA

| | |
|------------------------|--|
| Article authenticity | Original product |
| Condition of article | New |
| Country of Manufacture | Germany |
| ESD-Ausführung | TEC |
| 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. |
| Weight | 0.1 kg |
| Zolltarifnummer | 76169990 |



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Strut Profile 100x200L D17/D17 from Bosch Rexroth is a large-format anodized aluminum profile with 12 open slots, designed for load-bearing frames, machine bases, and support structures that demand high rigidity. It integrates directly into the Rexroth aluminum profile system using standard slot-based connectors.

- High bending stiffness about the x-axis: area moment of inertia $I_x = 2133.1 \text{ cm}^4$, moment of resistance $W_x = 213.3 \text{ cm}^3$
- 12 open slots (slot size 10, modular dimension 50 mm) allow flexible connection of fittings, brackets, and accessories without drilling
- Cut to length on order: available from 80 mm to 6000 mm, supplied as single pieces
- Anodized aluminum in natural color: lightweight, corrosion-resistant, and dimensionally stable
- Recommended accessories: cover cap 100x100, black or signal gray

Technical data

| Property | Value |
|---|--------------------|
| Cross-section | 100x200L |
| Dimensions [mm] | 100x200 |
| Profile type | Standard |
| Profile slot | 10 |
| Modular dimension [mm] | 50 |
| Open slots | 12 |
| Length min [mm] | 80 |
| Length max [mm] | 6000 |
| Material | Aluminum, anodized |
| Color | Natural |
| Profile surface A [cm ²] | 54 |
| Mass m [kg/m] | 14.6 |
| Area moment of inertia I_x [cm ⁴] | 2133.1 |
| Moment of resistance W_x [cm ³] | 213.3 |
| Area moment of inertia I_y [cm ⁴] | 602.1 |
| Moment of resistance W_y [cm ³] | 120.4 |
| Torsional moment of inertia I_t [cm ⁴] | 421 |
| Moment of torsion resistance W_t [cm ³] | 75.7 |
| Packaging unit | 1 |