

Strebenprofil 80x160L D17/D17, 1000 mm, Aluminium eloxiert, ESD- geeignet - Bosch Rexroth 3842993155-1000

Item no. BRR-3842993155-1000

Manufacturer Bosch Rexroth

Heavy-section aluminum strut profile with an 80x160L cross-section, 12 open slots (slot width 10 mm, modular dimension 40 mm), and factory-machined D17 bores in the slots plus M12 tapped cores. ESD-suitable and anodized, available in lengths from 80 mm to 6000 mm - this item is supplied at 1000 mm. Used as the primary or cross-member strut in Rexroth profile-system structures for assembly workstations, guarding, and machine frames.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
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	0.0099 kg
Zolltarifnummer	76169990

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Strut Profile 80x160L D17/D17 from Bosch Rexroth is a large-format aluminum structural profile for demanding load-bearing assemblies in industrial plant construction. An area moment of inertia of 850.7 cm⁴ in the x-direction and a section modulus of 106.3 cm³ deliver high bending stiffness at a mass of 8.9 kg/m. The anodized finish and ESD suitability make it appropriate for electrostatically sensitive environments.

- 12 open slots (slot width 10 mm, modular dimension 40 mm) allow flexible fastening without drilling
- D17 bores in slots C/L, D/K, E/J, F/I and D17V bores in slots A/H, B/G for direct strut connection
- M12 threads in all core pulls for rigid joints
- Length freely selectable from 80 mm to 6000 mm; this version: 1000 mm
- ESD-suitable, anodized surface, natural color
- Recommended accessories: cover cap 80x80 in signal gray or black



TECHNICAL DATA

Attribute	Value
Cross-section	80x160L
Dimensions [mm]	80 x 160
Length (this version) [mm]	1000
Length min / max [mm]	80 / 6000
Modular dimension [mm]	40
Profile slot [mm]	10
Open slots	12
Profile machining	M12 in all core pulls; D17 in slots C/L, D/K, E/J, F/I; D17V in slots A/H, B/G
Profile surface [A] [cm ²]	32.9
Mass [m] [kg/m]	8.9
Area moment of inertia I _x [cm ⁴]	850.7
Area moment of inertia I _y [cm ⁴]	253.4
Section modulus W _x [cm ³]	106.3
Section modulus W _y [cm ³]	63.4
Torsional moment of inertia I _t [cm ⁴]	182
Moment of torsion resistance W _t [cm ³]	41.1
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
ESD-suitable	Yes
Packaging unit	1