

Strebenprofil 80x160L D17/D17, 12 Nuten, ESD- geeignet, eloxiertes Aluminium - Bosch Rexroth 3842993155

Item no. BRR-3842993155

Manufacturer Bosch Rexroth

The Strut Profile 80x160L D17/D17 is a heavy-section aluminum profile for load-bearing frames and machine structures in industrial assembly. Twelve open slots, a 40 mm modular dimension, and ESD rating make it the right choice for demanding structural applications in electrostatically sensitive environments. Cut-to-length from 80 mm to 6000 mm.

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	0.1 kg
Zolltarifnummer	76169990

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth Strut Profile 80x160L D17/D17 is a large-format anodized aluminum structural profile for heavy-duty frames, machine guards, and high-load assembly systems. It is ESD-rated and fully compatible with the Rexroth 40 mm modular grid.

- 12 open slots (slot width 10 mm) give full connection flexibility for fasteners, linear guides, and attachments on all faces.
- High bending stiffness: area moment of inertia $I_x = 850.7 \text{ cm}^4$, moment of resistance $W_x = 106.3 \text{ cm}^3$ for demanding cross-section loads.
- Factory-prepared bores: M12 in all core holes, D17 in slots C/L, D/K, E/J, F/I, D17V in slots A/H, B/G - reducing on-site machining.
- ESD-rated - suitable for electrostatically sensitive production and test environments.
- Flexible cut-to-length: 80 mm to 6000 mm, supplied in packaging unit of 1.

TECHNICAL DATA



Parameter	Value
Cross-section	80 x 160 mm (L-section)
Modular dimension	40 mm
Profile slot	10 mm
Open slots	12
Profile type	Standard
Color	Natural
Material	Aluminum, anodized
ESD	Yes
Length min.	80 mm
Length max.	6000 mm
Profile surface [A]	32.9 cm ²
Mass [m]	8.9 kg/m
Area moment of inertia X [Ix]	850.7 cm ⁴
Moment of resistance X [Wx]	106.3 cm ³
Area moment of inertia Y [Iy]	253.4 cm ⁴
Moment of resistance Y [Wy]	63.4 cm ³
Torsional moment of inertia [It]	182 cm ⁴
Moment of torsion resistance [Wt]	41.1 cm ³
Packaging unit	1
Recommended accessories	Cover cap 80x80 signal gray, Mounting hole plug 80x80 black