

Strebenprofil 80x160L 2xD17V, eloxiertes Aluminium, ESD-geeignet, 12 offene Nuten - Bosch Rexroth 3842993226

Item no. BRR-3842993226

Manufacturer Bosch Rexroth

Heavy-duty extruded aluminum strut profile with an 80x160L cross-section for building rigid frames, machine enclosures, and industrial structures within the Bosch Rexroth profile system. Features 12 open slots (modular dimension 40 mm, slot width 10 mm), factory-machined M12 cores and D17 slot holes, and ESD suitability. Available cut to length from 90 mm to 6000 mm; material: anodized aluminum, natural color.

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 80x160L strut profile is a large-format extruded aluminum section from the Bosch Rexroth assembly system, designed for heavy frames, machine guards, and industrial structures where high rigidity is required. ESD suitability makes it compatible with electrostatically protected production areas.

- 12 open slots on a 40 mm grid with 10 mm slot width - full compatibility with Bosch Rexroth connectors, brackets, and accessories
- Factory profile machining: M12 in all core bores, D17 in slots C/L, D/K, E/J, F/I, and D17V in slots A/H, B/G - reduces on-site preparation time
- High bending stiffness: area moment of inertia $I_x = 850.7 \text{ cm}^4$ (x-direction), $I_y = 253.4 \text{ cm}^4$ (y-direction)
- ESD-rated - suitable for assembly lines in electrostatically protected zones
- Cut-to-length service from L min 90 mm to L max 6000 mm, packaging unit 1 piece



TECHNICAL DATA

Property	Value
Cross-section	80x160L
Dimensions [mm]	80x160
Modular dimension [mm]	40
Profile slot [mm]	10
Open slots	12
Profile type	Standard
Color	Natural
ESD	Yes
Length min (L min) [mm]	90
Length max (L max) [mm]	6000
Profile surface A [cm ²]	32.9
Mass m [kg/m]	8.9
Area moment of inertia I _x [cm ⁴]	850.7
Moment of resistance W _x [cm ³]	106.3
Area moment of inertia I _y [cm ⁴]	253.4
Moment of resistance 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 machining	M12 in all core bores; D17 in slots C/L, D/K, E/J, F/I; D17V in slots A/H, B/G
Material	Aluminum, anodized
Packaging unit	1 piece
Recommended accessories	Cover cap 80x80 signal gray, mounting hole plug 80x80 black