

Strebenprofil 80x160L, eloxiertes Aluminium, ESD- geeignet, Länge 50-6070 mm - Bosch Rexroth 3842993127

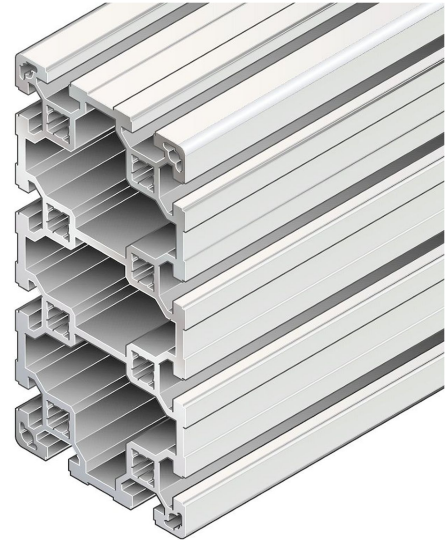
Item no. BRR-3842993127

Manufacturer Bosch Rexroth

Heavy-section aluminum strut profile with an 80x160L cross-section for structurally demanding frame and machine assemblies. Twelve open slots, 40 mm modular pitch, and ESD suitability cover both standard and electrostatically protected environments. Supplied cut to length between 50 and 6070 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	76042100



31412

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth strut profile 80x160L is an anodized aluminum structural profile designed for high-load frame constructions, machine bases, and modular assembly systems. The asymmetric 80x160 cross-section delivers an area moment of inertia of 850.7 cm⁴ in the x-direction, combining high bending stiffness with low weight. ESD suitability allows use in electrostatically protected production areas.

- 12 open slots provide flexible connection and accessory mounting on all faces
- 40 mm modular pitch - fully compatible with the Bosch Rexroth assembly system
- Cut to length on order: any dimension from 50 mm to 6070 mm
- Pre-machined as standard: M12 tapped in all core bores; D17 in slots C/L, D/K, E/J, F/I; D17V in slots A/H, B/G
- ESD-suitable for use in electrostatic discharge sensitive manufacturing environments
- Anodized aluminum, natural color - corrosion resistant and low maintenance

TECHNICAL DATA

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Property	Value
Cross-section	80x160L
Dimensions	80x160 mm
Profile type	Standard
Modular dimension	40 mm
Profile slot	10
Open slots	12
Length min (L min)	50 mm
Length max (L max)	6070 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
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Condition on delivery	Variable length (cut to size)
Packaging unit	1
Pre-machining	M12: all core bores; D17: slots C/L, D/K, E/J, F/I; D17V: slots A/H, B/G
Recommended accessories	Cover cap 80x80 signal gray, mounting hole plug 80x80 black