

Strebenprofil 80x160L 2xD17V, 1000 mm, eloxiertes Aluminium, ESD-geeignet - Bosch Rexroth 3842993226-1000

Item no. BRR-3842993226-1000

Manufacturer Bosch Rexroth

Heavy-section aluminum strut profile with 80x160 mm cross-section, 12 open slots, ESD suitability, and pre-machined holes in all core bores (M12) and slots (D17, D17V). Supplied at 1000 mm length, fully compatible with the Rexroth aluminum profile system for demanding load-bearing frames and machine bases.

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 2xD17V is a high-rigidity aluminum structural profile for load-bearing frames and machine bases in assembly technology. With an area moment of inertia of 850.7 cm⁴ in the x-direction and 12 open slots, it delivers outstanding bending stiffness and versatile connection options on all faces. The profile is ESD-suitable and fully integrated into the Rexroth modular profile system.

- 12 open slots (slot width 10 mm, modular dimension 40 mm) for maximum mounting flexibility
- Pre-machined holes in all core bores (M12), D17 holes in slots C/L, D/K, E/J, F/I, and D17V holes in slots A/H, B/G
- ESD-suitable - safe for use in electrostatically sensitive production areas
- Anodized aluminum, natural color - corrosion-resistant with a durable surface finish
- Supplied at 1000 mm; available from 90 mm to 6000 mm in 1 mm increments (packaging unit: 1 piece)

TECHNICAL DATA



Property	Value
Cross-section	80x160 mm (type 80x160L)
Profile type	Standard
Modular dimension	40 mm
Profile slot width	10 mm
Open slots	12
ESD	Yes
Material	Aluminum, anodized
Color	Natural
Supply length	1000 mm
Length min / max	90 mm / 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
Area moment of inertia y [Iy]	253.4 cm ⁴
Moment of resistance x [Wx]	106.3 cm ³
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
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
Recommended accessories	Cover cap 80x80 signal gray, mounting hole plug 80x80 black
Packaging unit	1 piece