

Strut Profile 80x160L, Slot 10, ESD, Anodized - Bosch Rexroth 3842529349

Item no. BRR-3842529349

Manufacturer Bosch Rexroth

Strut profile 80x160L in anodized aluminum with profile slot 10 and ESD suitability. Supplied as a packaging unit of 3 standard lengths of 6070 mm each. Load-bearing base structure for machine frames, enclosures and equipment racks in ESD areas.

TECHNICAL DATA

Country of Manufacture **Germany**

HS-Code **76042100**

Length **6070 mm**

Note **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 **185 kg**


31412

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 80x160L strut profile from Bosch Rexroth is a load-optimized aluminum construction profile for designers and equipment builders who need high rigidity over a large build height. It forms the load-bearing base structure for machine frames, gantries, safety enclosures and equipment racks, and its ESD suitability releases it for use in electrostatic protected areas.

- High bending and torsional rigidity from the large 80x160L cross-section
- ESD-capable for use in EPA zones
- Profile slot 10 on a 40 mm modular grid, compatible with the modular connection system
- Anodized surface, maintenance-free and corrosion-resistant
- Factory machining M12 prepared in all core bores

TECHNICAL DATA

Cross-section **80x160L**

Dimensions **80x160 mm**

Profile slot **10**
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Modular dimension	40 mm
Open slots	12
ESD	yes
Profile type	Standard
Color	Natural
Material	Aluminum, anodized
Length [L]	6070 mm
Delivery unit	3
Condition on delivery	Packaging unit in standard length
Mass [m]	8.9 kg/m
Weight	185 kg
Profile surface [A]	32.9 cm ²
Area moment of inertia in x-direction [Ix]	850.7 cm ⁴
Area moment of inertia in y-direction [Iy]	253.4 cm ⁴
Moment of resistance in the x-direction [Wx]	106.3 cm ³
Moment of resistance in the y-direction [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 or black