

Strebenprofil 40x120L 2xD17V, eloxiertes Aluminium, 1000 mm - Bosch Rexroth 3842993225-1000

Item no. BRR-3842993225-1000

Manufacturer Bosch Rexroth

The 40x120L strut profile with 8 open slots (40 mm modular dimension, slot width 10 mm) in anodized aluminum is designed for ESD-compliant assembly structures and machine frames. Its cross-section delivers a high area moment of inertia in the x-direction ($I_x = 203.2 \text{ cm}^4$) at low weight. The 2xD17V designation indicates the machining pattern: M12 threads in all core bores, D17 bores in slots B/H, C/G and D/F, and D17V bores in slots A/E.

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

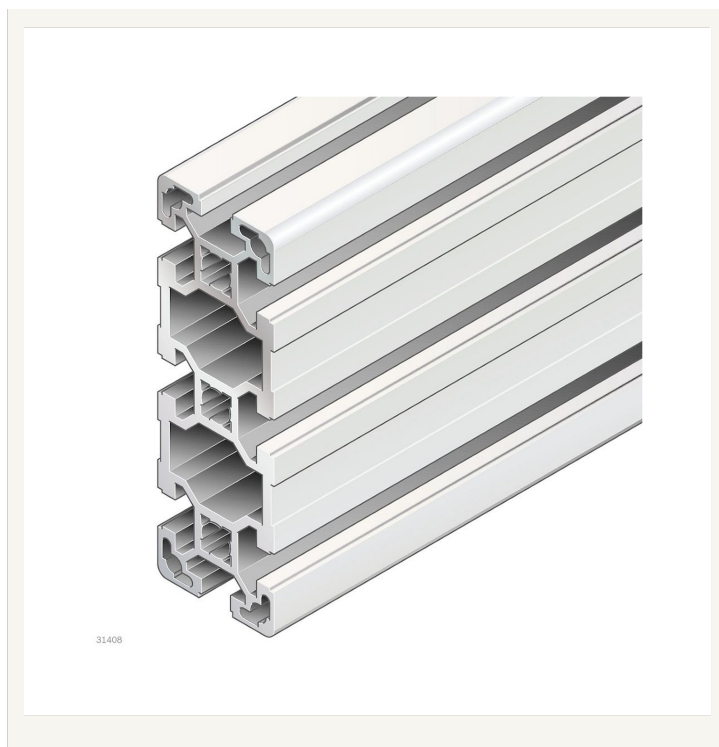
DESCRIPTION

The strut profile 40x120L (article 3842993225) is an anodized aluminum profile from the Bosch Rexroth mechanical assembly system. Eight open slots on a 40 mm grid and full ESD compliance make it suitable for workstation and machine frames in electrostatic-protected areas. The supplied length is 1000 mm; custom lengths from 90 mm to 6000 mm are available to order.

- High bending stiffness: area moment of inertia $I_x = 203.2 \text{ cm}^4$, $W_x = 33.9 \text{ cm}^3$ - suited for load-bearing frames
- ESD-compliant: anodized surface meets the requirements of electrostatic-protected areas
- Pre-machined connections: M12 threads in all core bores, D17 bores in slots B/H, C/G, D/F, and D17V bores in slots A/E
- 8 open slots allow tool-free connections on all faces without repositioning
- Profile cross-section 15.5 cm^2 , mass 4.2 kg/m - favorable stiffness-to-weight ratio

TECHNICAL DATA

Parameter	Value
Cross-section	40x120 mm (type 40x120L)



Parameter	Value
Modular dimension	40 mm
Profile slot	10 mm
Open slots	8
Profile type	Standard
ESD	Yes
Material	Aluminum, anodized
Color	Natural
Supplied length	1000 mm
Length min / max	90 mm / 6000 mm
Mass	4.2 kg/m
Profile surface [A]	15.5 cm ²
Area moment of inertia I _x	203.2 cm ⁴
Moment of resistance W _x	33.9 cm ³
Area moment of inertia I _y	27.8 cm ⁴
Moment of resistance W _y	13.9 cm ³
Torsional moment of inertia I _t	17.2 cm ⁴
Moment of torsion resistance W _t	10.0 cm ³
Machining	M12 in all core bores; D17 in slots B/H, C/G, D/F; D17V in slots A/E
Packaging unit	1 piece