

Strut Profile 50x150L Q&E, Anodized Aluminum, 8 Slots - Bosch Rexroth 3842993664

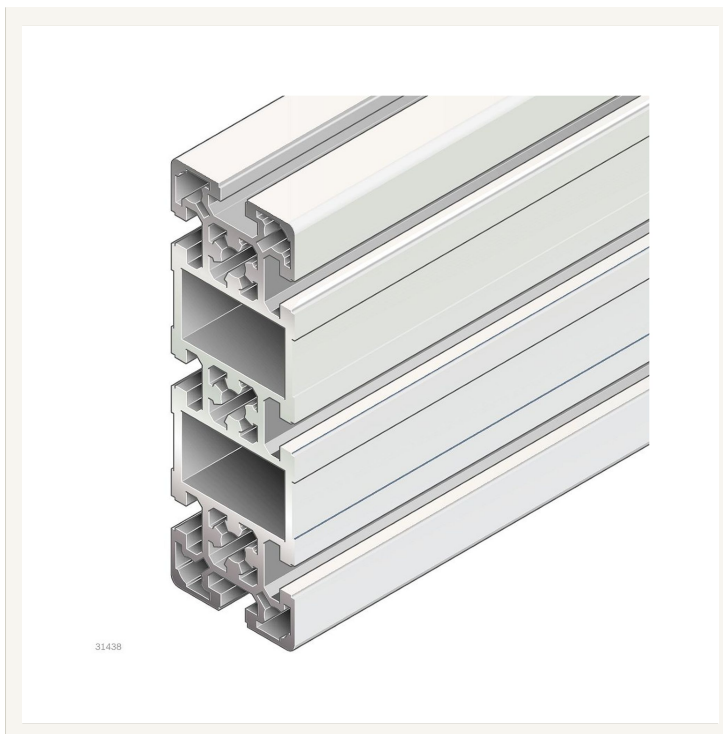
Item no. BRR-3842993664

Manufacturer Bosch Rexroth

Extruded anodized aluminum strut profile with a 50x150L cross-section, 8 open slots of size 10, and a modular dimension of 50 mm. Designed for load-bearing frame and strut structures in assembly and automation systems, it is available in lengths from 80 mm to 6,070 mm with standard and customized profile finishing options.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
HS-Code	76042100
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	0.1 kg



DESCRIPTION

The Bosch Rexroth strut profile 50x150L is an anodized aluminum profile with an asymmetric 50x150 mm cross-section and 8 open slots of slot size 10. The 50 mm modular dimension integrates directly into the Bosch Rexroth profile system, making it a reliable structural element for frames, bracing connections, and machine enclosures in mechanical and plant engineering.

- High bending stiffness in the x-direction: area moment of inertia $I_x = 540 \text{ cm}^4$, moment of resistance $W_x = 72 \text{ cm}^3$
- 8 open slots for flexible connections on all profile faces
- Anodized aluminum surface - corrosion-resistant and durable
- Available from L min 80 mm to L max 6,070 mm, packaging unit 1 piece
- Standard profile finishing: M12, M16, D9.8(B,C,D,F,G,H), D17(B,C,D,F,G,H), DB17, F1(A,E)
- Customized profile finishing: DI, DIS, MT, MTS, MI, MIS, DG (DGmax = 45°, Lmin1/Lmin2 = 450/600 mm)

TECHNICAL DATA

Property	Value
Cross-section	50x150L
Dimensions [mm]	50x150
Profile type	Standard

Property	Value
Modular dimension [mm]	50
Profile slot	10
Open slots	8
Color	Natural
Material	Aluminum, anodized
Length min [mm]	80
Length max [mm]	6,070
Mass [kg/m]	6.9
Profile surface A [cm ²]	25.8
Area moment of inertia I _x [cm ⁴]	540
Moment of resistance W _x [cm ³]	72
Area moment of inertia I _y [cm ⁴]	64.2
Moment of resistance W _y [cm ³]	25.7
Torsional moment of inertia I _t [cm ⁴]	52.1
Moment of torsion resistance W _t [cm ³]	20.5
Packaging unit	1
Recommended accessories	Mounting hole plug 50x150 black, Cover cap 50x150 signal gray