

Strut Profile 50x150L, Anodized Aluminum, Variable Length 50-6070 mm - Bosch Rexroth 3842993196

Item no. BRR-3842993196

Manufacturer Bosch Rexroth

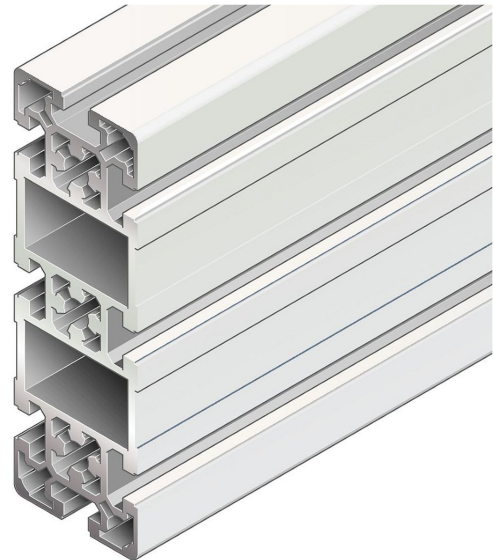
Asymmetric aluminum strut profile with a 50x150 mm cross-section, 8 open slots and a 50 mm modular dimension. The anodized profile is supplied cut to variable lengths from 50 to 6070 mm, making it well suited for load-bearing frame structures and assembly systems. Recommended accessories: cover caps 50x150 in black or signal gray.

TECHNICAL DATA

Ausführungsklasse **TEC**

Country of Manufacture **Germany**

HS-Code **76042100**

Weight **6.9 kg**


31438

DESCRIPTION

The Bosch Rexroth Strut Profile 50x150L is an asymmetric aluminum profile designed for frame and support structures where high bending stiffness in one axis is decisive. With an area moment of inertia of 540 cm⁴ in the x-direction and 8 open slots, it combines structural rigidity with broad connection flexibility across assembly and automation applications. Cut-to-length delivery from 50 mm to 6070 mm eliminates offcuts and reduces on-site rework.

- High bending stiffness: area moment of inertia $I_x = 540 \text{ cm}^4$, moment of resistance $W_x = 72 \text{ cm}^3$
- 8 open profile slots (slot width 10 mm) for versatile fastening and add-on components
- Cut to length - 50 mm to 6070 mm, supplied as 1 piece per order
- Anodized aluminum, natural color - corrosion-resistant and durable
- Compatible with the Bosch Rexroth 50 mm modular system

TECHNICAL DATA

Property	Value
Cross-section	50x150 mm
Profile type	Standard
Modular dimension	50 mm
Open slots	8
Profile slot width	10 mm

Property	Value
Length min.	50 mm
Length max.	6070 mm
Profile surface (A)	25.8 cm ²
Area moment of inertia I _x	540 cm ⁴
Area moment of inertia I _y	64.2 cm ⁴
Moment of resistance W _x	72 cm ³
Moment of resistance W _y	25.7 cm ³
Torsional moment of inertia I _t	52.1 cm ⁴
Moment of torsion resistance W _t	20.5 cm ³
Mass	6.9 kg/m
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece
Recommended accessories	Mounting hole plug 50x150 black, Cover cap 50x150 signal gray