

Rahmenprofil 30x30 WG40, Länge 6170 mm, Aluminium eloxiert - Bosch Rexroth 3842557239

Item no. BRR-3842557239

Manufacturer Bosch Rexroth

Frame profile 30x30 mm in anodized aluminum for the WG40 protective grille system, supplied as a single rod at 6170 mm standard length. The profile slot 8 accepts woven wire grilles, spring clamping elements, and central bolts directly, forming stable machine guards and partition walls in assembly lines.

TECHNICAL DATA

Country of Manufacture	Germany
Length	6170 mm
Weight	5.2 kg
Zolltarifnummer	76042100



DESCRIPTION

The WG40 frame profile 30x30 mm at 6170 mm length is the primary structural element for protective grilles and partition walls in the Bosch Rexroth EcoSafe system. Anodized aluminum combines low weight with high dimensional stability and lasting corrosion resistance. Profile slot 8 accepts woven wire grilles, spring clamping elements, and other WG40 components without additional machining.

- 30x30 mm cross-section with profile slot 8 for direct integration of WG40 accessories
- Anodized aluminum: corrosion-resistant, lightweight, dimensionally stable
- 6170 mm standard length supplied as a single rod - can be cut to size on site
- High bending stiffness via optimized area moments of inertia ($I_x 2.4 \text{ cm}^4$, $I_y 2.9 \text{ cm}^4$)
- System-compatible with central bolt, woven wire grille, and spring clamping elements

TECHNICAL DATA

Property	Value
Length [L]	6170 mm
Profile cross-section	30x30 mm
Profile slot	8
Material	Aluminum, anodized
Profile surface [A]	3.2 cm ²

Property	Value
Mass [m]	0.9 kg/m
Weight (rod)	5.2 kg
Area moment of inertia X [Ix]	2.4 cm ⁴
Area moment of inertia Y [Iy]	2.9 cm ⁴
Moment of resistance X [Wx]	1.5 cm ³
Moment of resistance Y [Wy]	1.8 cm ³
Condition on delivery	Single rod in standard length
Delivery unit	1
Required accessories	Central bolt, woven wire grille, spring clamping elements