

# Strut Profile 20x60, 6 Slots, Anodized Aluminum - Bosch Rexroth 3842993698

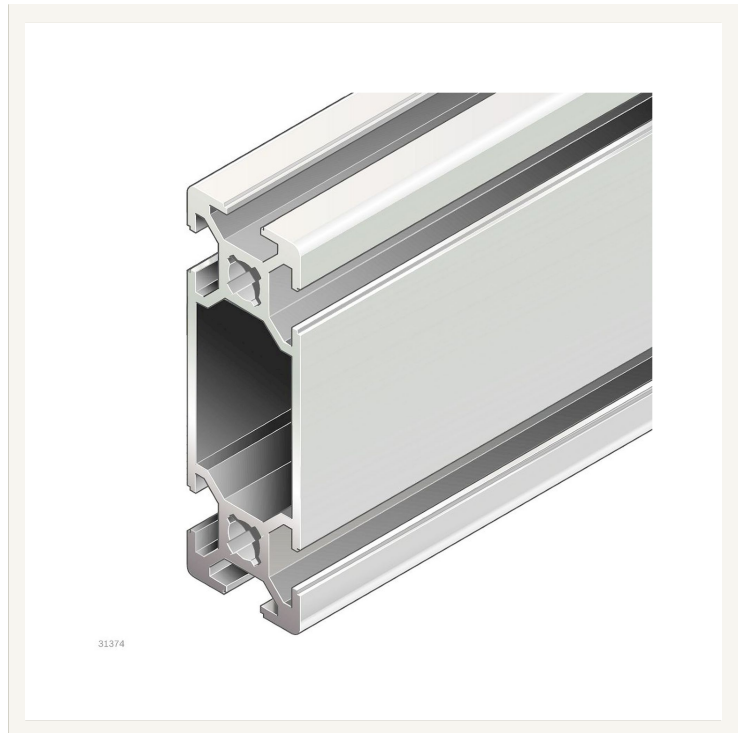
Item no. BRR-3842993698

Manufacturer Bosch Rexroth

The 20x60 strut profile in anodized aluminum is designed for building lightweight support structures, machine frames, and fixtures on a 20 mm modular grid. Six open slots (6 mm width) provide full compatibility with Bosch Rexroth standard connectors and accessories. Available cut-to-length from 50 to 3000 mm.

## 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 20x60 strut profile is a slender aluminum section for modular assembly systems and industrial fixtures. Its 20x60 mm cross-section, six open slots, and 20 mm modular dimension integrate directly into the Bosch Rexroth profile system, enabling fast, low-tooling construction.

- **Versatile slot layout:** 6 open profile slots (6 mm width) on all faces - compatible with the full range of Bosch Rexroth connectors, brackets, and fastening accessories.
- **Cut-to-length flexibility:** Available in lengths from 50 to 3000 mm with standard profile finishing at specified slots (observe minimum length requirements).
- **Lightweight and durable:** Anodized aluminum - corrosion-resistant, low weight, natural surface finish.
- **Structural properties:** Area moment of inertia  $I_x = 14.2 \text{ cm}^4$ , section modulus  $W_x = 4.7 \text{ cm}^3$ , profile cross-section  $3.5 \text{ cm}^2$ , linear mass  $0.9 \text{ kg/m}$ .

## TECHNICAL DATA

| Property           | Value    |
|--------------------|----------|
| Cross-section      | 20x60 mm |
| Modular dimension  | 20 mm    |
| Profile slot width | 6 mm     |
| Open slots         | 6        |

| Property                         | Value                                              |
|----------------------------------|----------------------------------------------------|
| Profile type                     | Standard                                           |
| Color / surface                  | Natural, anodized                                  |
| Material                         | Aluminum, anodized                                 |
| Length min. (L min)              | 50 mm                                              |
| Length max. (L max)              | 3000 mm                                            |
| Mass                             | 0.9 kg/m                                           |
| Profile surface (A)              | 3.5 cm <sup>2</sup>                                |
| Area moment of inertia X (Ix)    | 14.2 cm <sup>4</sup>                               |
| Area moment of inertia Y (Iy)    | 1.7 cm <sup>4</sup>                                |
| Section modulus X (Wx)           | 4.7 cm <sup>3</sup>                                |
| Section modulus Y (Wy)           | 1.7 cm <sup>3</sup>                                |
| Torsional moment of inertia (It) | 2.3 cm <sup>4</sup>                                |
| Torsion section modulus (Wt)     | 2.0 cm <sup>3</sup>                                |
| DGmax                            | 45°                                                |
| Lmin1 / Lmin2                    | 404 / 508 mm                                       |
| Packaging unit                   | 1                                                  |
| Recommended accessories          | Cover cap 20x60 signal gray, Cover cap 20x60 black |