# **SOLID ALUMINIUM BARS**

BAP

BAP2000 BAP 20x10x2000

- Thickness 10 mm.
- Length 2000 and 4000 mm
- Significant cost saving
- Weight saving up to 70%





#### PRODUCT DESCRIPTION

Teknomega have created a free to download software for calculating and selecting the most suitable busbar for your application. Find out more here.

Solid aluminium bars use Aluminium type EN-AW 1350 A and have the following technical properties; a tensile strength of 250N/mm<sup>2</sup>, a resistivity of  $0.0172\Omega mm^2/m$ , and a density of  $8.9kg/dm^3$ .

Aluminium busbar for power distribution gives an economic advantage compared to copper bars due to the lower cost of aluminium and to a significant difference in the weight / volume.

Aluminium bars weigh up to 70% less than copper bars, compared with a reduction in electrical capacity of only about 30%.

The use of aluminium bars for carrying electrical current is therefore recommended in switchboards, distribution equipment and systems where there are no space problems, or where weight reduction is critical.

# **TECHNICAL DATA**

## **GENERAL DATA**

Cross section	200 mm²
Current at ΔT 50°C	434 A

## **DIMENSIONS**

Length	2000 mm
Thickness	10 mm
Width	20 mm

#### **AMPACITY**

Current at ΔT 30°C 331 A
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### **ADDITIONAL DATA**

Pack size	2
Weight	0,54 kg

