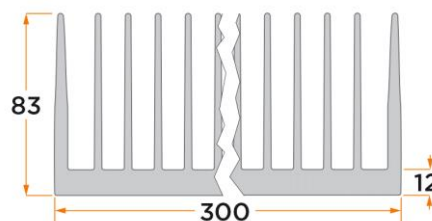


# Product Data Sheet Type: PR304

Group: HEATSINKS Extrusions

Flatback/ ridged profiles

Width : 300 mm  
 Height : 83 mm  
 Base height : 12 mm



Extruded heat sink profile with fins on one side (ridged profil)

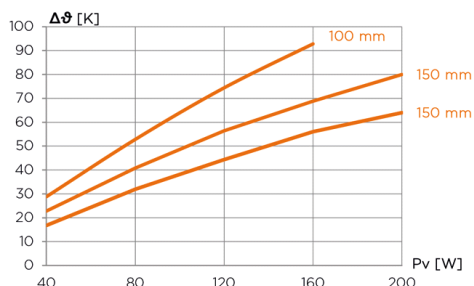
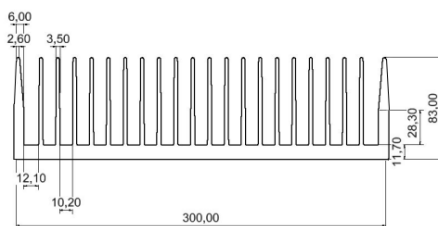
Surface: AL= Untreated aluminium, SE= anodised black, NE= anodised colourless, CR Chromated- colourless (Chrom6-free, RoHS conform)  
 Alloy: AlMgSi 0,5 F22

Standard tolerances (if not otherwise required):  
 Extrusion tolerances for aluminium profiles: DIN 1748 – section 4 and DIN 17615 – section 3 respectively. DIN ISO 755 – 9 and DIN ISO 12020 – 2 respectively.  
 Machining tolerance: DIN 2768 m

Finishing to your specification  
 Length, milling, surface refinement, including mounting-, insulation-, thermal interface accessories

Additional information:  
 Measurement conditions for the values in the thermal diagram are described at '[www.alutronic.com/service/thermal-measurments](http://www.alutronic.com/service/thermal-measurments)'

General information for designing your heat sink solution you will find at '[www.alutronic.com/service/technical-information](http://www.alutronic.com/service/technical-information)'



| Pv [W] | RthK [K/W] |      |      |
|--------|------------|------|------|
|        | 100        | 150  | 200  |
| 40     | 0,72       | 0,57 | 0,42 |
| 80     | 0,66       | 0,51 | 0,40 |
| 120    | 0,62       | 0,47 | 0,37 |
| 160    | 0,58       | 0,43 | 0,35 |
| 200    |            | 0,40 | 0,32 |
| mm     | 100        | 150  | 200  |
| kg/m   | 23,88      |      |      |