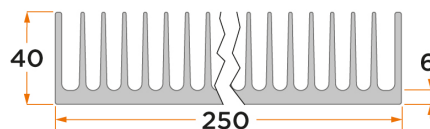


# Product Data Sheet Type: PR175

Group: HEATSINKS Extrusions

Flatback/ ridged profiles

Width : 250 mm  
 Height : 40 mm  
 Base height : 6 mm



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

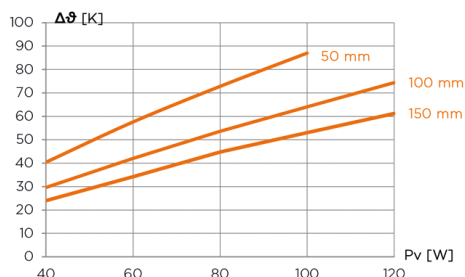
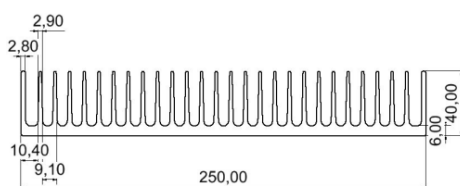
Surface: AL= Untreated aluminium, SE= anodised black, NE= anodised colourless, CR Chromated- colourless (Chrom6-free, RoHS conform)  
 Alloy: AlMgSi 0,5 F22

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]		
	50 mm	100 mm	150 mm
40	1,01	0,74	0,60
60	0,96	0,70	0,57
80	0,91	0,67	0,56
100	0,87	0,64	0,53
120		0,62	0,51
mm	50	100	150
kg/m	10,21		