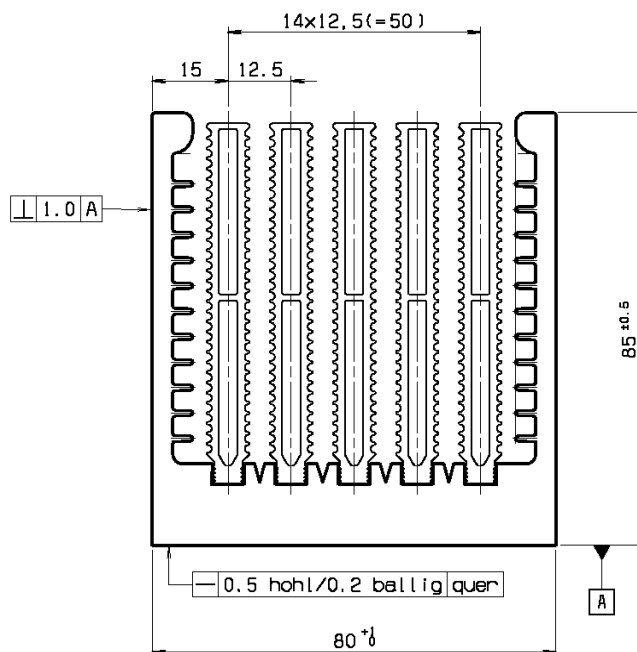


## Hollow Fin Heat Sink for Axial Fans



Length	Mass	Thermal Resistance <i>5m/s</i> air flow
50 mm	0.4 kg	0.26 K/W
60 mm	0.5 kg	0.23 K/W
70 mm	0.6 kg	0.21 K/W
80 mm	0.7 kg	0.19 K/W
90 mm	0.8 kg	0.18 K/W
100 mm	0.9 kg	0.17 K/W
110 mm	1.0 kg	0.16 K/W
120 mm	1.0 kg	0.15 K/W
130 mm	1.1 kg	0.15 K/W
140 mm	1.2 kg	0.14 K/W
150 mm	1.3 kg	0.14 K/W
160 mm	1.4 kg	0.13 K/W
170 mm	1.5 kg	0.13 K/W
180 mm	1.6 kg	0.13 K/W
190 mm	1.7 kg	0.12 K/W
200 mm	1.7 kg	0.12 K/W
210 mm	1.8 kg	0.12 K/W
220 mm	1.9 kg	0.12 K/W

Length	Mass	Thermal Resistance <i>5m/s</i> air flow
230 mm	2.0 kg	0.12 K/W
240 mm	2.1 kg	0.11 K/W
250 mm	2.2 kg	0.11 K/W
275 mm	2.4 kg	0.11 K/W
300 mm	2.6 kg	0.11 K/W
325 mm	2.8 kg	0.10 K/W
350 mm	3.0 kg	0.10 K/W
375 mm	3.3 kg	0.10 K/W
400 mm	3.5 kg	0.099 K/W
425 mm	3.7 kg	0.097 K/W
450 mm	3.9 kg	0.096 K/W
475 mm	4.1 kg	0.095 K/W
500 mm	4.3 kg	0.094 K/W
550 mm	4.8 kg	0.093 K/W
600 mm	5.2 kg	0.091 K/W
650 mm	5.6 kg	0.090 K/W
700 mm	6.1 kg	0.089 K/W
750 mm	6.5 kg	0.088 K/W

Number of fans required: 1

Suggested fan types: 8412NH,8414NH

The values for the thermal resistance above are valid for full sized isothermal heating. Using small sized single spotted heat sources increases the thermal resistance depending on size, number and orientation of the heat sources.