



WAKEFIELD THERMAL



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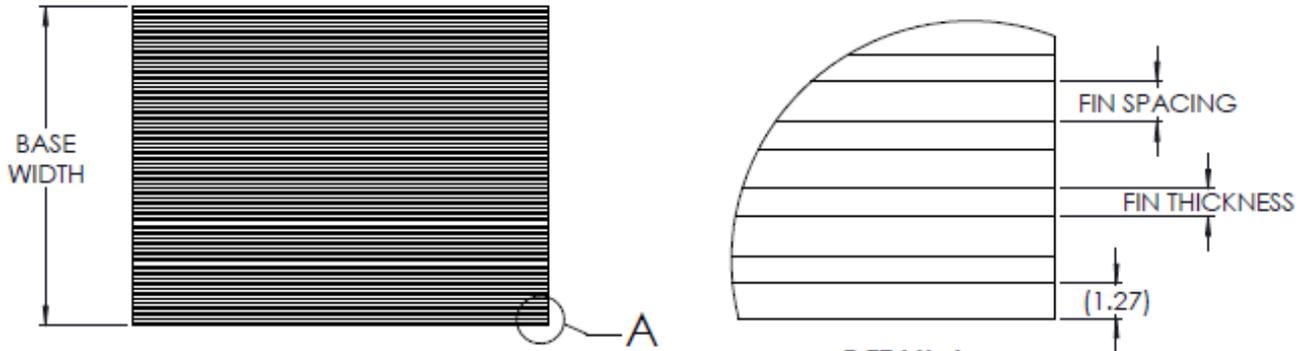
HIGH POWER SKIVED FIN

Selection Guideline
2026
REV1.0

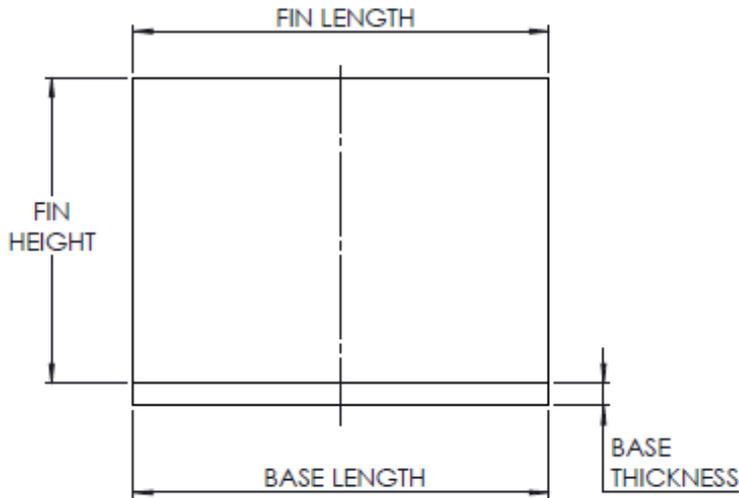
Total Thermal Solution

STANDARD SIZE GUIDE

Wakefield's high power skived fins are available in custom sizes (see page 2) or standard sizes, as detailed here:



DETAIL A
SCALE 5 : 1



CONSTANTS	
BASE THICKNESS	8mm (0.32")
FIN THICKNESS	1.6mm (0.063")
FIN SPACING	1.4mm (0.055")

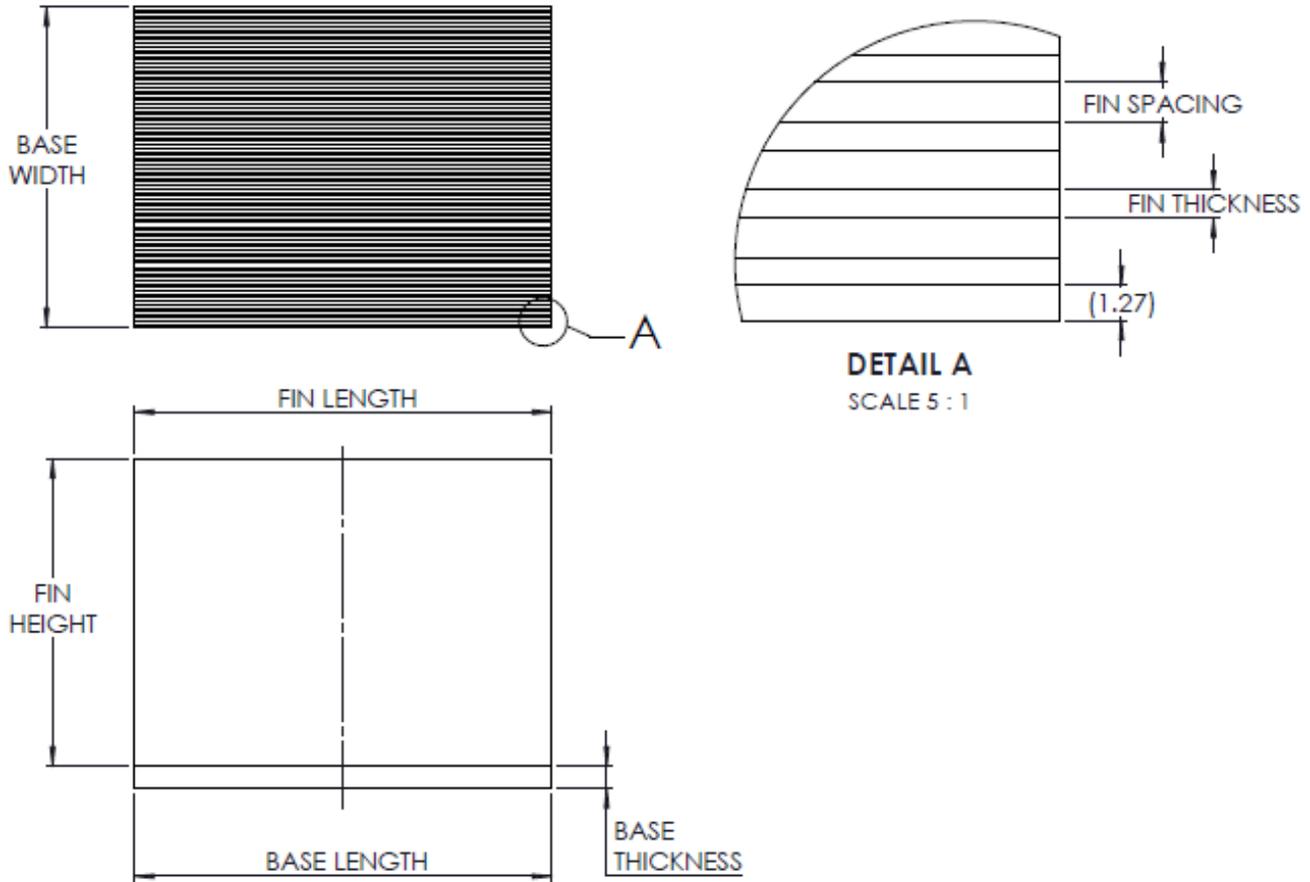
OPTIONS			
PART NUMBER	FIN HEIGHT (mm)	BASE WIDTH (mm)	THERMAL RESISTANCE (°C/W)*
SKV0601530601.61.4A	60	60	0.1030
SKV1201530601.61.4A		120	0.0513
SKV1801530601.61.4A		180	0.0341
SKV2401530601.61.4A		240	0.0255
SKV3001530601.61.4A		300	0.0239
SKV3601530601.61.4A		360	0.0170
SKV1201531201.61.4A	120	120	0.0515
SKV2401531201.61.4A		240	0.0256
SKV3601531201.61.4A		360	0.0170
SKV0603050601.61.4A	60	60	0.0942
SKV1203050601.61.4A		120	0.0471
SKV1803050601.61.4A		180	0.0313
SKV2403050601.61.4A		240	0.0236
SKV3003050601.61.4A		300	0.0221
SKV3603050601.61.4A		360	0.0156
SKV1203051201.61.4A	120	120	0.0431
SKV2403051201.61.4A		240	0.0216
SKV3603051201.61.4A		360	0.0143

Aluminum

Thermal Resistance data base on a ducted airflow and a distributed load with a CFM of (0.7)(heatsink width)

CUSTOM SIZE GUIDE

Wakefield's high power skived fins are available in standard sizes (see page 1) or custom sizes, as detailed here:



First, choose your custom heat sink dimensions using these guidelines:

	CUSTOM SIZE OPTIONS							
	BASE THICKNESS (mm)	BASE LENGTH (mm)	BASE WIDTH (mm)	FIN HEIGHT (mm)	FIN LENGTH (mm)	FIN THICKNESS (mm)	FIN SPACING (mm)	MATERIAL
RANGE	2-20*	25-200	10-700	2-120	25-200	0.1-2.0	0.2-5.0	A or C
INCREMENT	1.0	5.0	5.0	1.0	5.0	0.05	0.1	-

Then, place your order using the part numbering syntax:

PART NUMBER SYNTAX								
PRODUCT TYPE	BASE THICKNESS	BASE LENGTH	BASE WIDTH	FIN HEIGHT	FIN LENGTH	FIN THICKNESS	FIN SPACING	MATERIAL
SKV	TT	LLL	WWW	HHH	LLL	T.T	S.S	M

60MM TALL FINS

WAKEFIELD PART NUMBER	BASE WIDTH (mm)	BASE LENGTH (mm)	FIN HEIGHT (mm)	THERMAL RESISTANCE (°C/W)*
SKV0601530601.61.4A	60	153	60	0.1030
SKV0603050601.61.4A		305		0.0942



WAKEFIELD PART NUMBER	BASE WIDTH (mm)	BASE LENGTH (mm)	FIN HEIGHT (mm)	THERMAL RESISTANCE (°C/W)*
SKV1201530601.61.4A	120	153	60	0.0513
SKV1203050601.61.4A		305		0.0471



WAKEFIELD PART NUMBER	BASE WIDTH (mm)	BASE LENGTH (mm)	FIN HEIGHT (mm)	THERMAL RESISTANCE (°C/W)*
SKV1801530601.61.4A	180	153	60	0.0341
SKV1803050601.61.4A		305		0.0313



WAKEFIELD PART NUMBER	BASE WIDTH (mm)	BASE LENGTH (mm)	FIN HEIGHT (mm)	THERMAL RESISTANCE (°C/W)*
SKV2401530601.61.4A	240	153	60	0.0255
SKV2403050601.61.4A		305		0.0236



60MM (CONT.)

WAKEFIELD PART NUMBER	BASE WIDTH (mm)	BASE LENGTH (mm)	FIN HEIGHT (mm)	THERMAL RESISTANCE (°C/W)*
SKV3001530601.61.4A	300	153	60	0.0239
SKV3003050601.61.4A		305		0.0221

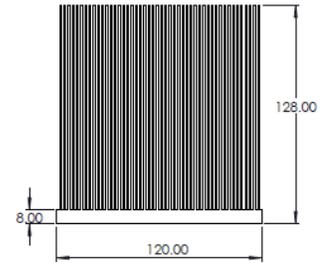


WAKEFIELD PART NUMBER	BASE WIDTH (mm)	BASE LENGTH (mm)	FIN HEIGHT (mm)	THERMAL RESISTANCE (°C/W)*
SKV3601530601.61.4A	360	153	60	0.0170
SKV3603050601.61.4A		305		0.0156

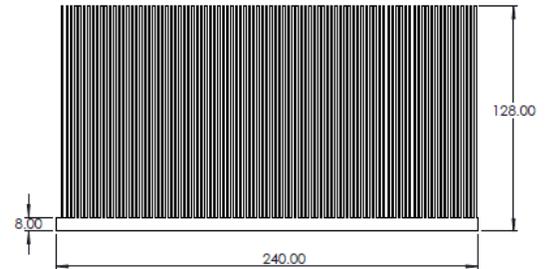


120MM TALL FINS

WAKEFIELD PART NUMBER	BASE WIDTH (mm)	BASE LENGTH (mm)	FIN HEIGHT (mm)	THERMAL RESISTANCE (°C/W)*
SKV1201531201.61.4A	120	153	120	0.0515
SKV1203051201.61.4A		305		0.0431



WAKEFIELD PART NUMBER	BASE WIDTH (mm)	BASE LENGTH (mm)	FIN HEIGHT (mm)	THERMAL RESISTANCE (°C/W)*
SKV2401531201.61.4A	240	153	120	0.0256
SKV2403051201.61.4A		305		0.0216



WAKEFIELD PART NUMBER	BASE WIDTH (mm)	BASE LENGTH (mm)	FIN HEIGHT (mm)	THERMAL RESISTANCE (°C/W)*
SKV3601531201.61.4A	360	153	120	0.0170
SKV3603051201.61.4A		305		0.0143

