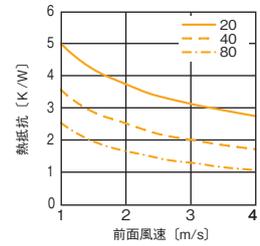
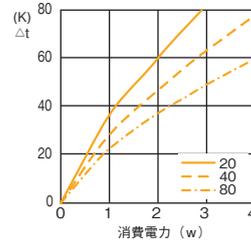
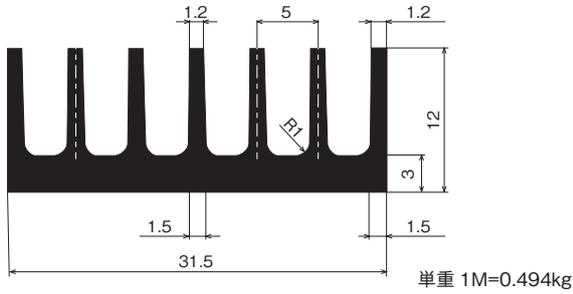
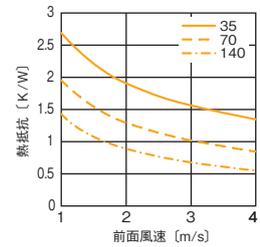
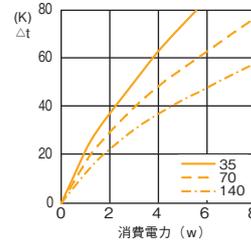
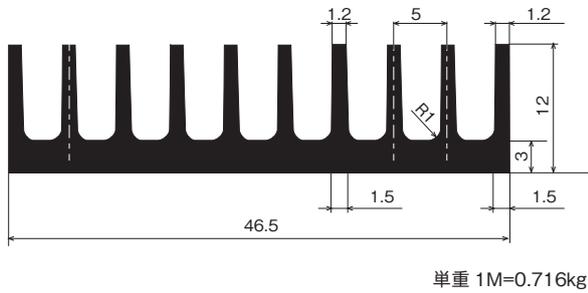


F series マルチタイプヒートシンク

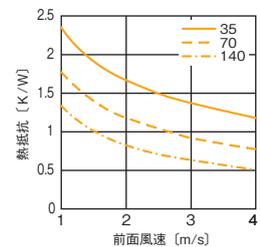
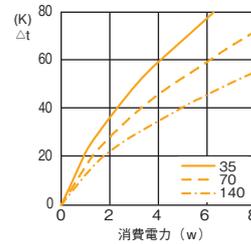
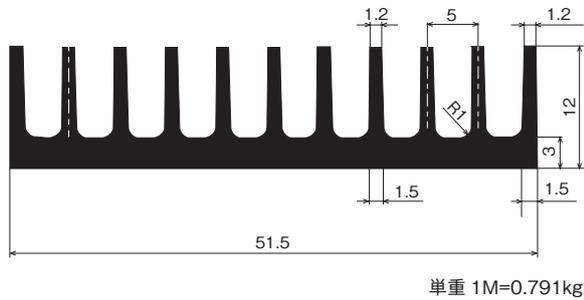
12F 31 .



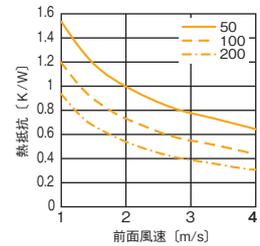
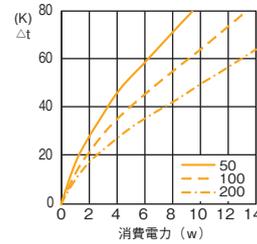
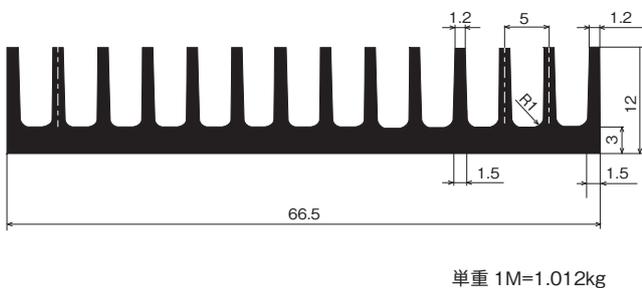
12F 46 .



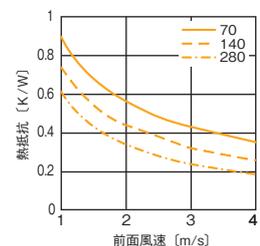
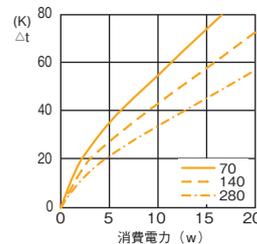
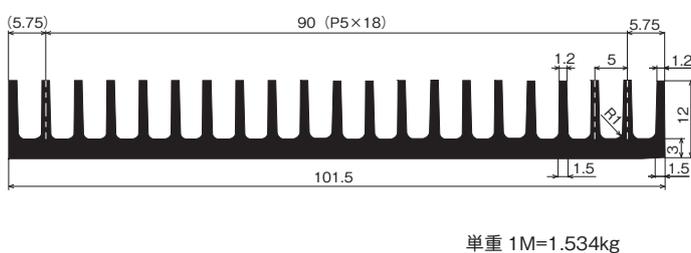
12F 51 .



12F 66 .

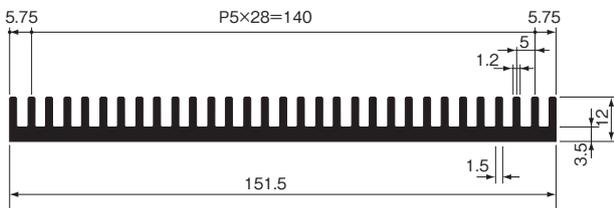


12F 101 .

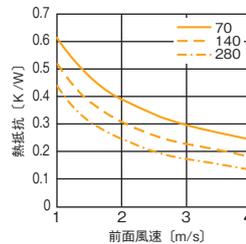
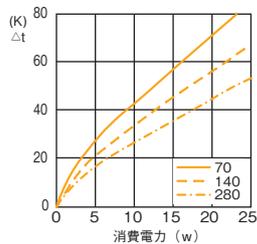


マルチタイプヒートシンク F series

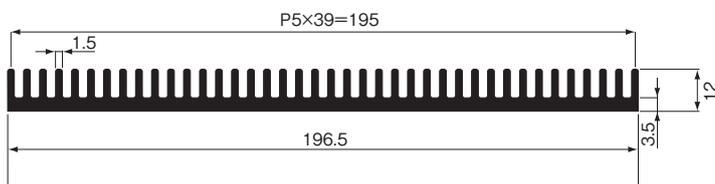
12F 151



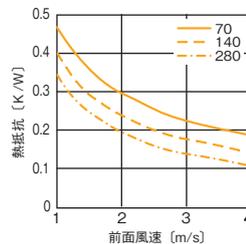
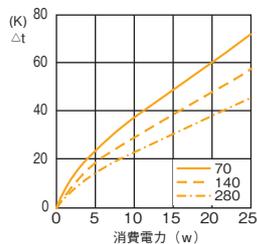
単重 1M=2.427kg



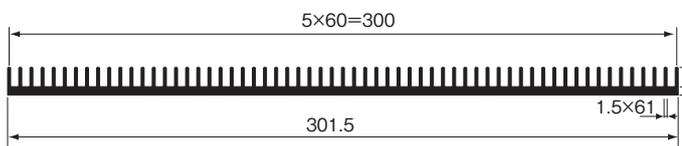
12F 196



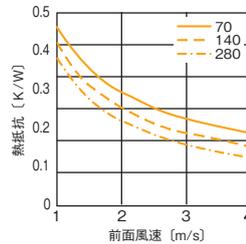
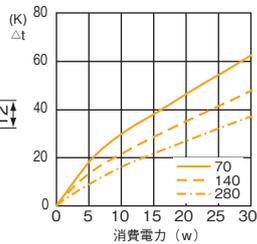
単重 1M=3.116kg



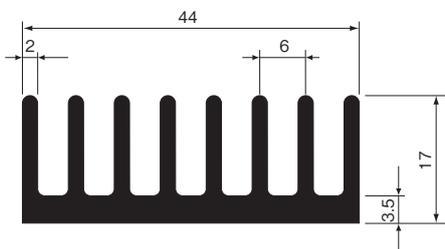
12F 301



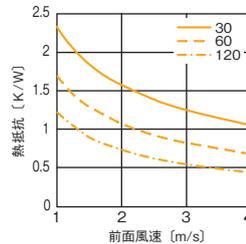
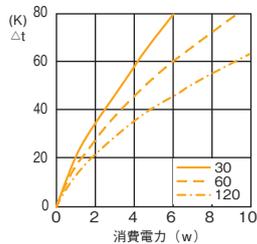
単重 1M=4.768kg



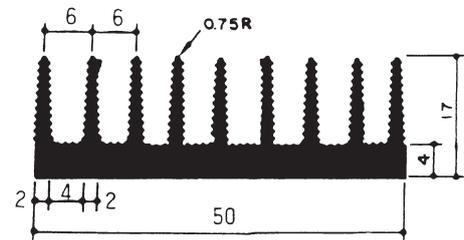
17F 44.



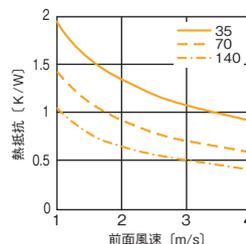
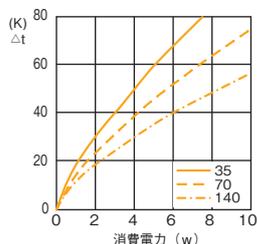
単重 1M=0.998kg

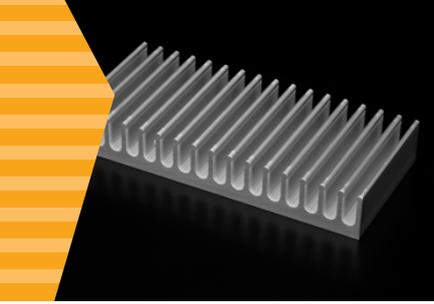


17F 50.



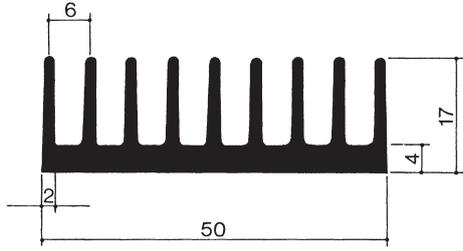
単重 1M=1.002kg



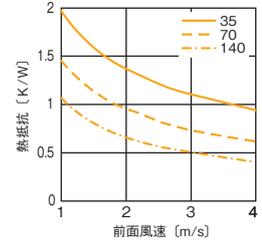
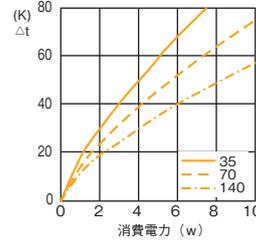


F series マルチタイプヒートシンク

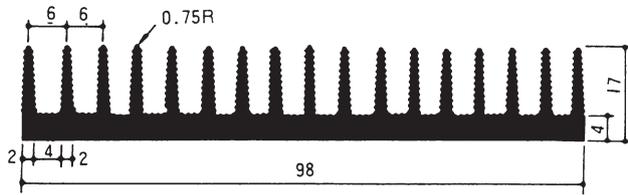
17F S50



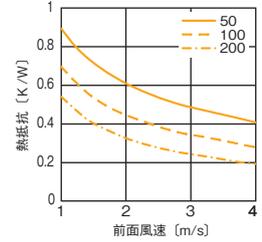
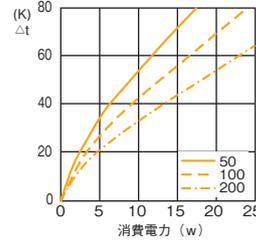
単重 1M=1.083kg



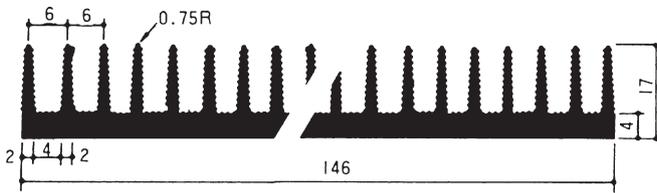
17F 98



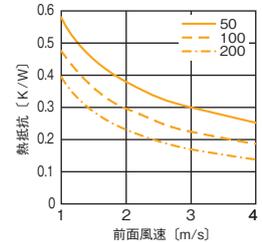
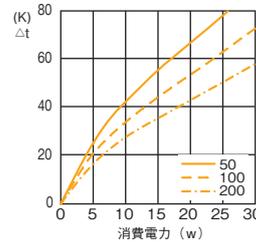
単重 1M=1.927kg



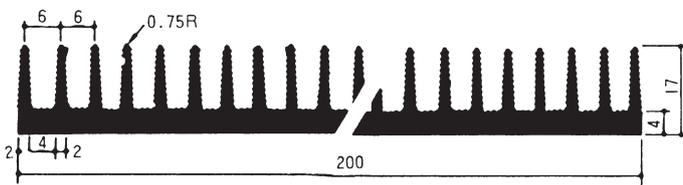
17F 146



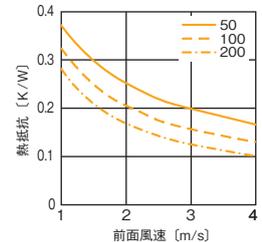
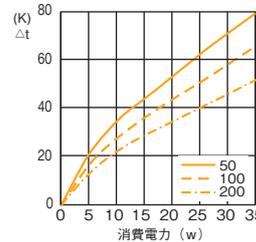
単重 1M=2.87kg



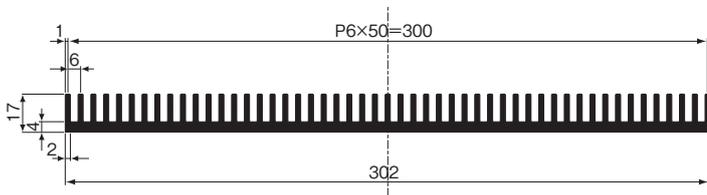
17F 200



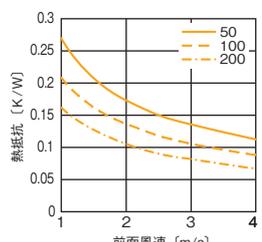
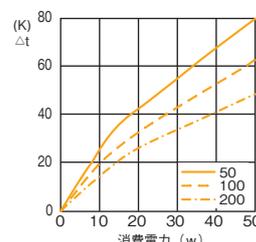
単重 1M=3.9kg



17F 302

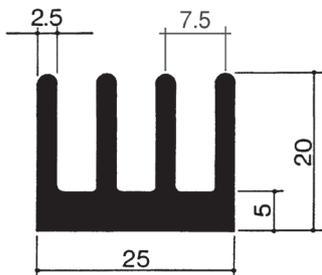


単重 1M=6.419kg

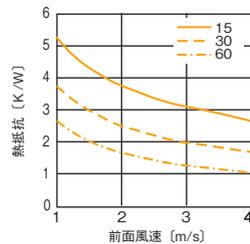
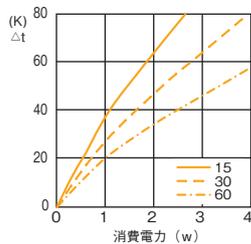


マルチタイプヒートシンク **F series**

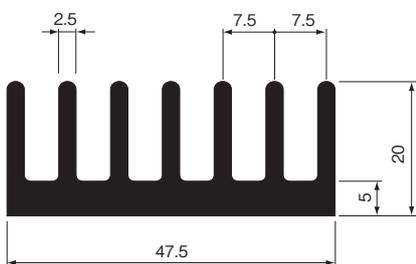
20F 25 .



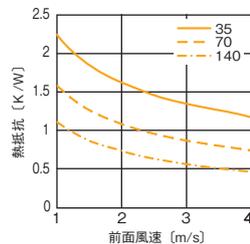
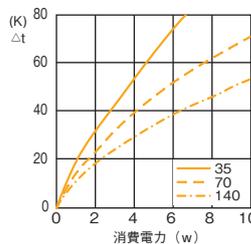
単重 1M=0.738kg



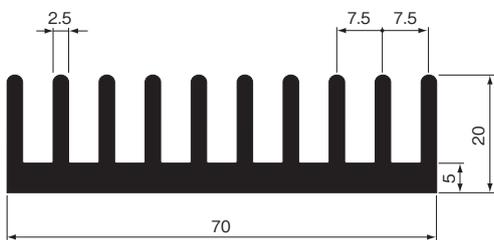
20F 48 .



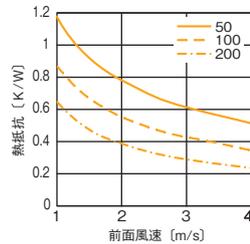
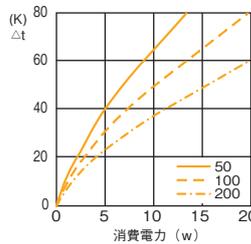
単重 1M=1.339kg



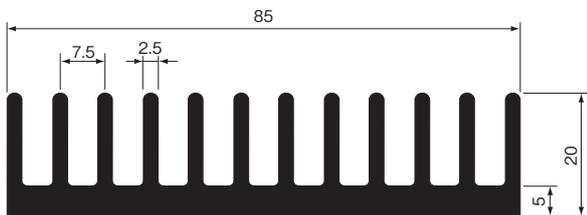
20F 70 .



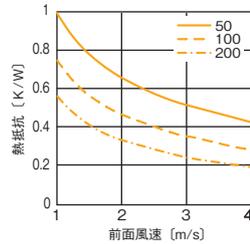
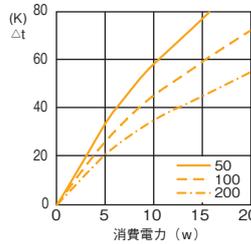
単重 1M=1.949kg



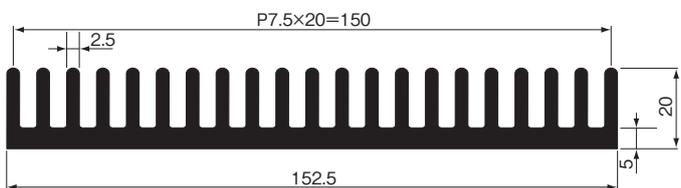
20F 85 .



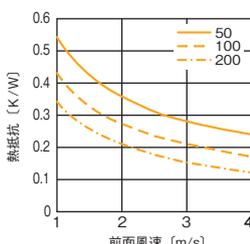
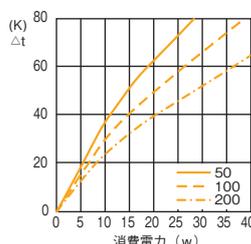
単重 1M=2.354kg

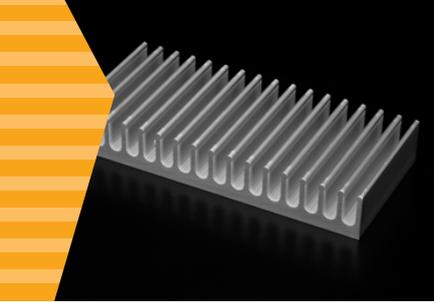


20F 153 .



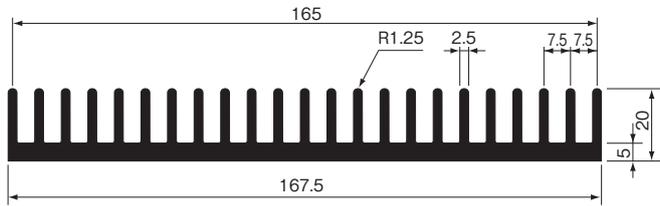
単重 1M=4.17kg



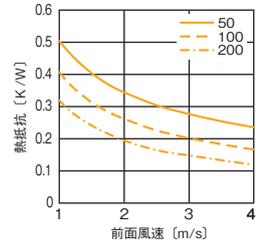
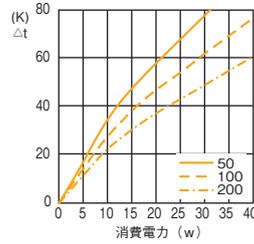


F series マルチタイプヒートシンク

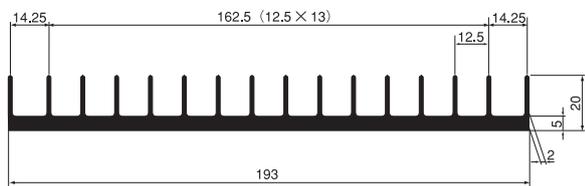
20F 168



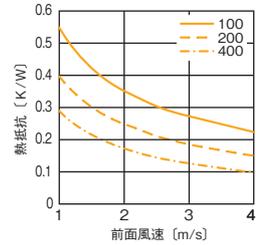
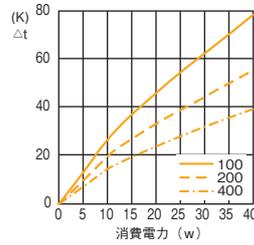
単重 1M=4.574kg



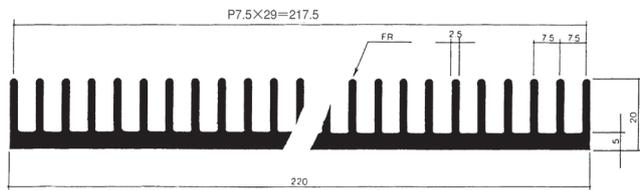
20F 193



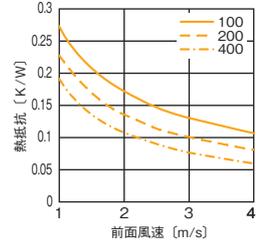
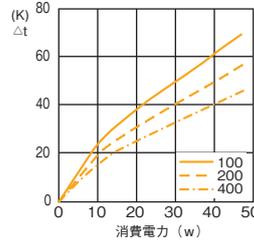
単重 1M=3.738kg



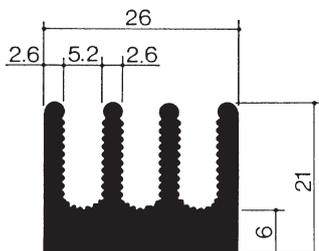
20F 220



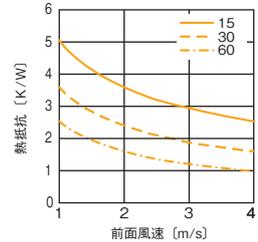
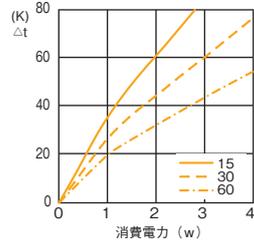
単重 1M=5.986kg



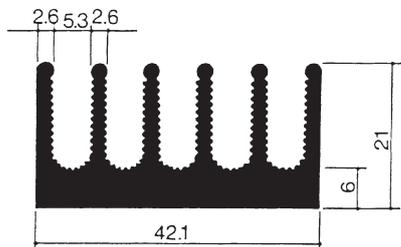
21F 26



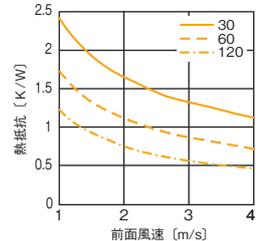
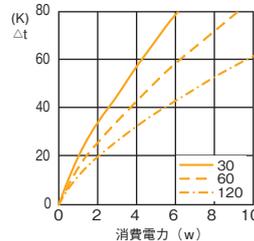
単重 1M=0.824kg

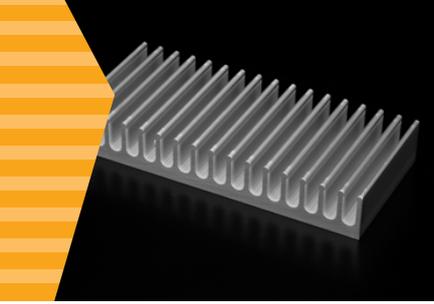


21F 42



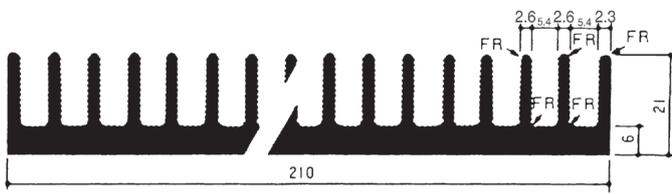
単重 1M=1.283kg



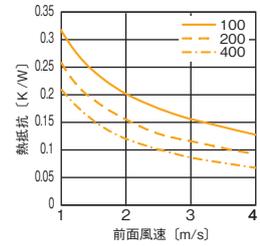
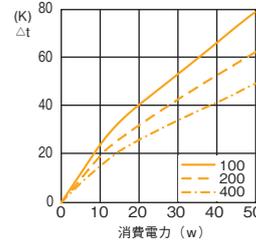


F series マルチタイプヒートシンク

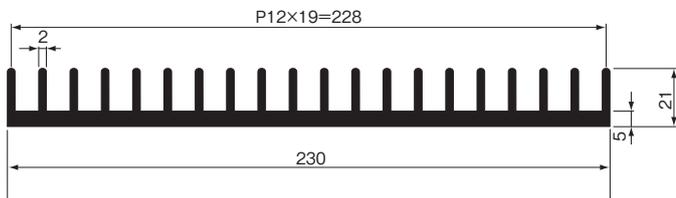
21F 210



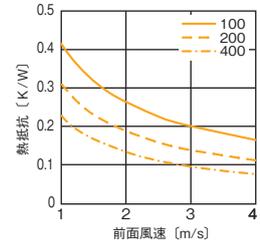
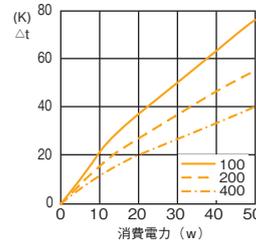
単重 1M=6.094kg



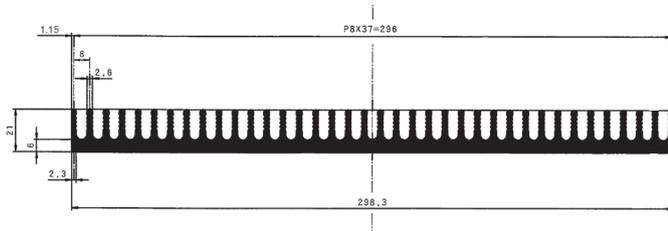
21F 230



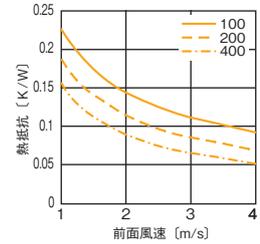
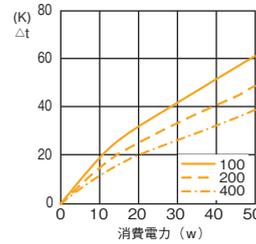
単重 1M=4.814kg



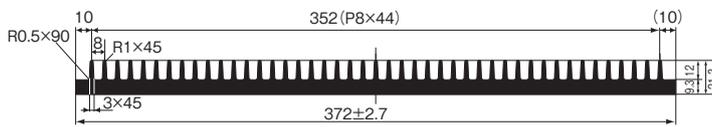
21F 298



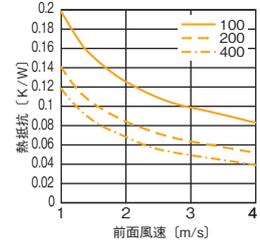
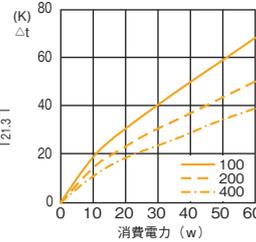
単重 1M=8.751kg



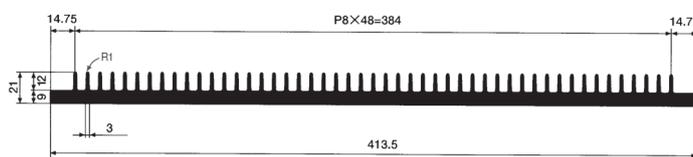
21F 372



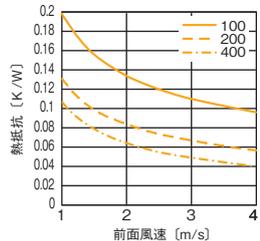
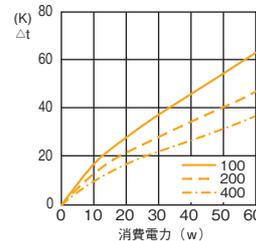
単重 1M=12.886kg



21F 413.5

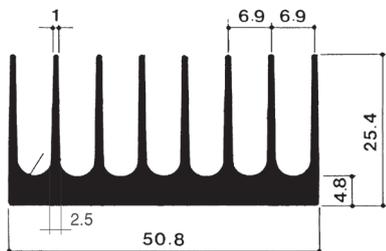


単重 1M=13.908kg

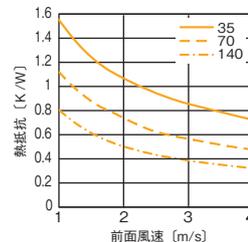
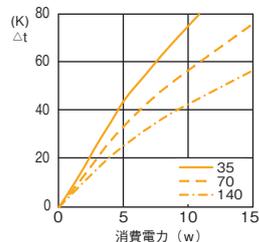


マルチタイプヒートシンク F series

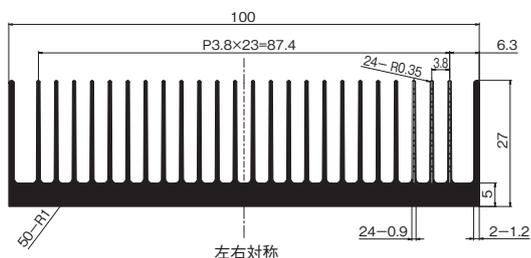
25F 51



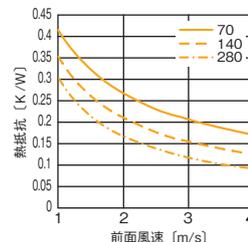
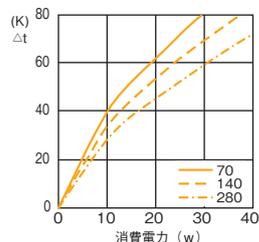
単重 1M=1.377kg



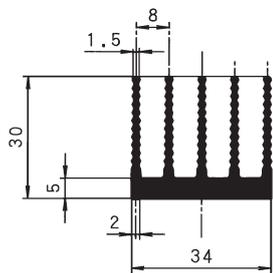
27F 100



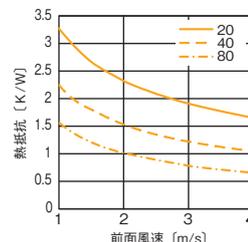
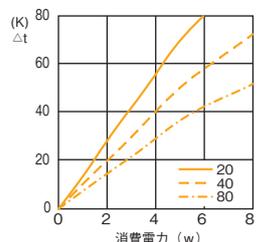
単重 1M=2.655kg



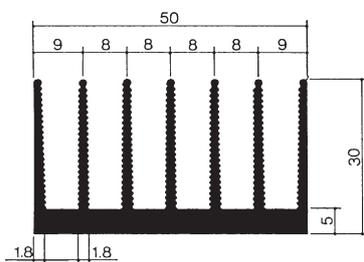
30F 34



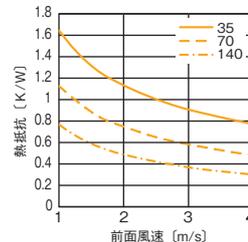
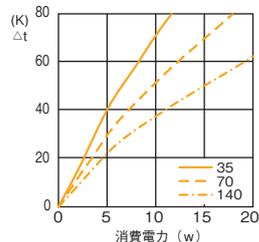
単重 1M=0.951kg



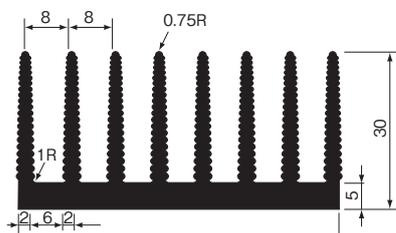
30F 50



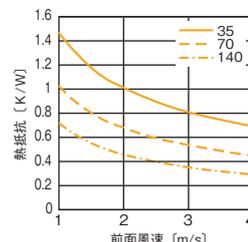
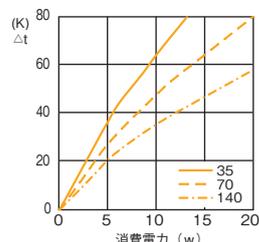
単重 1M=1.34kg

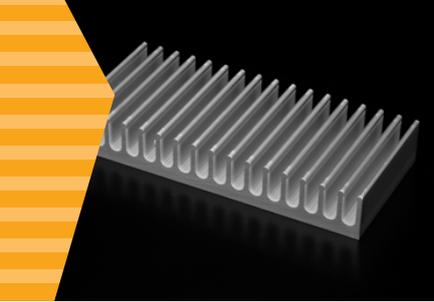


30F 58



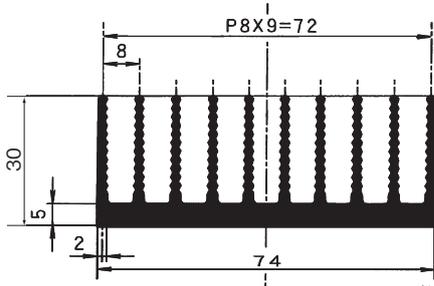
単重 1M=1.57kg



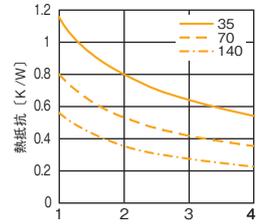
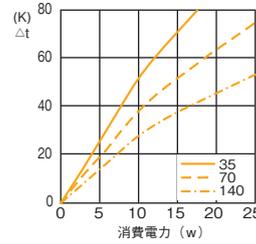


F series マルチタイプヒートシンク

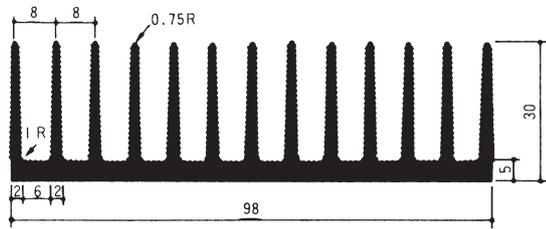
30F 74



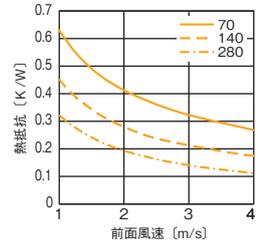
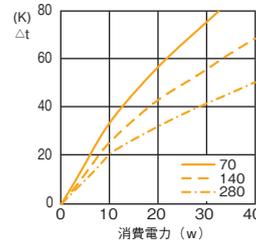
単重 1M=2.003kg



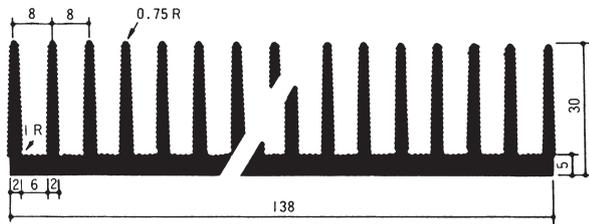
30F 98



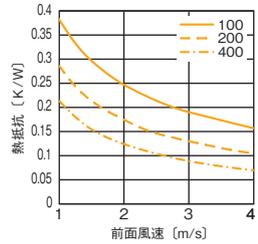
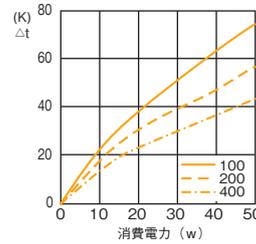
単重 1M=2.623kg



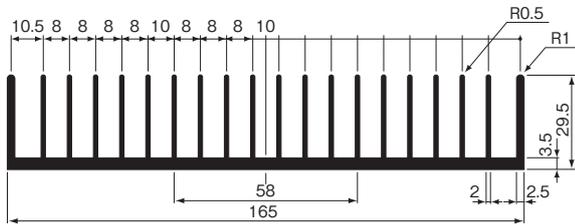
30F 138



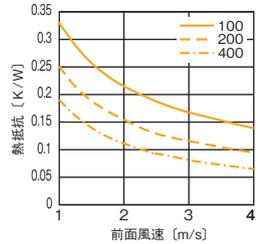
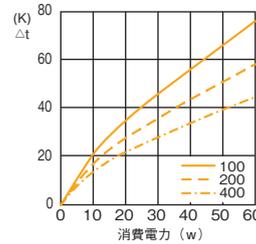
単重 1M=3.634kg



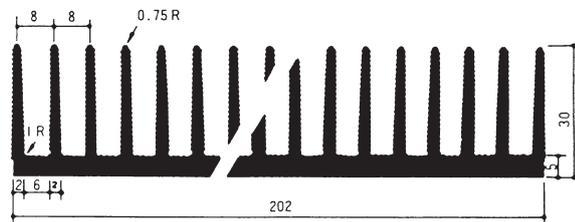
30F 165



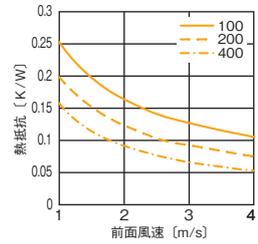
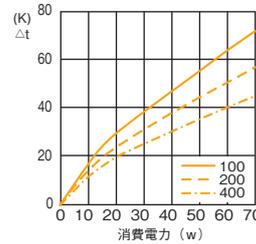
単重 1M=3.756kg



30F 202

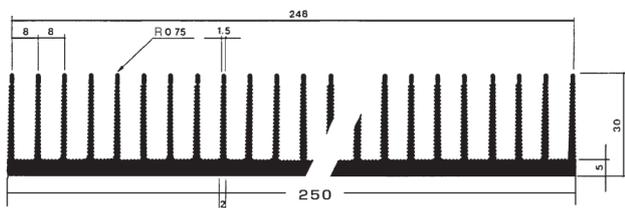


単重 1M=5.343kg

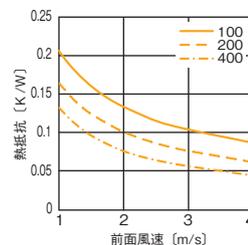
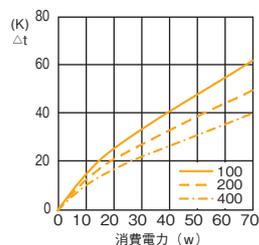


マルチタイプヒートシンク F series

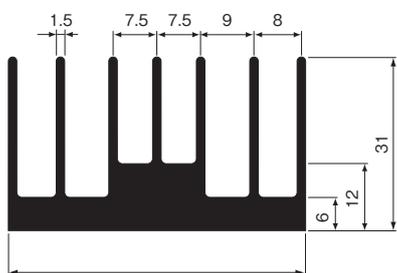
30F 250 .



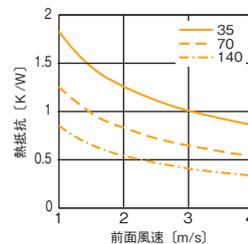
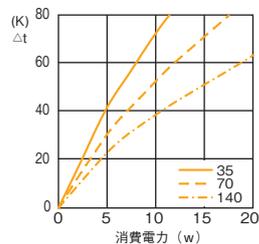
単重 1M=6.61kg



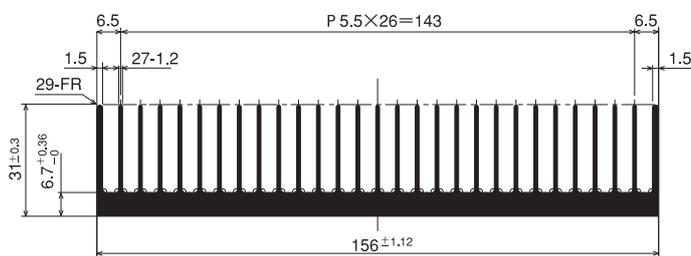
31F 50 .



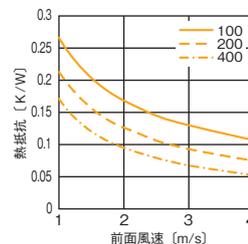
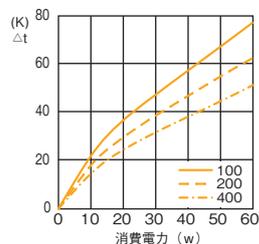
単重 1M=1.723kg



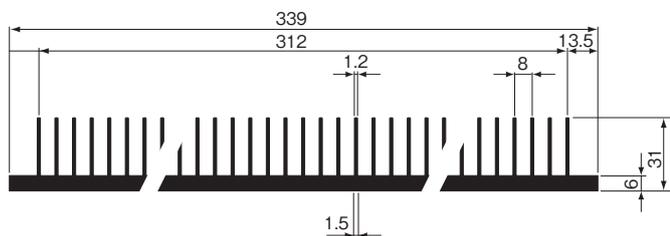
31F 156 .



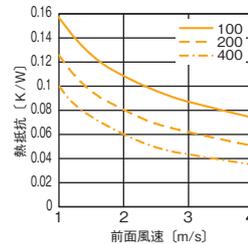
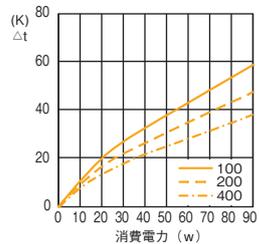
単重 1M=5.164kg



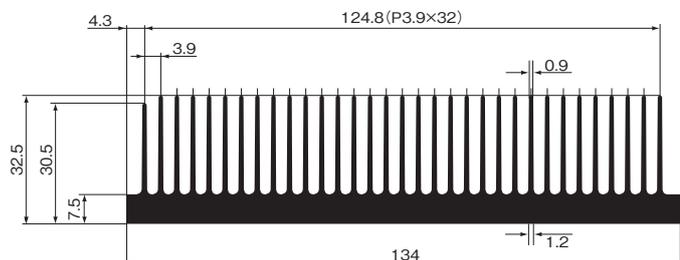
31F 339 .



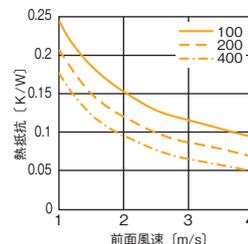
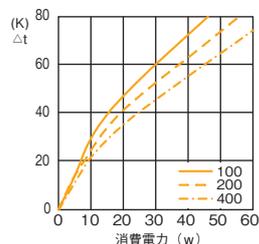
単重 1M=9.137kg

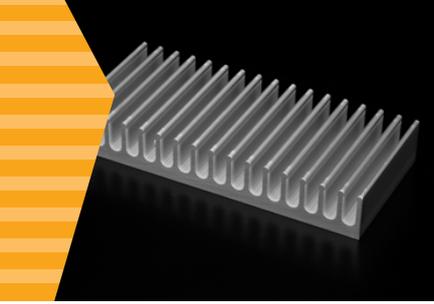


32.5F 134 .



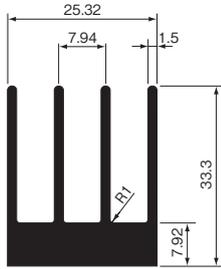
単重 1M=5.103kg



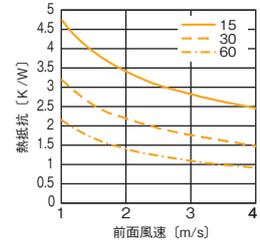
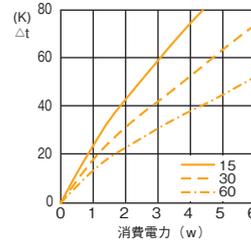


F series マルチタイプヒートシンク

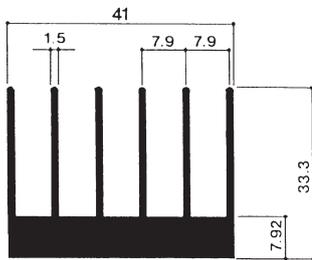
33F 25



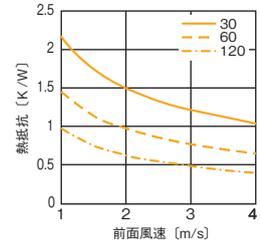
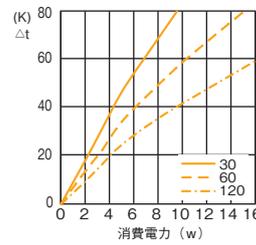
単重 1M=0.953kg



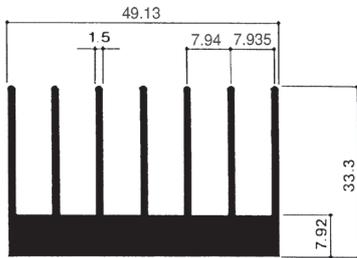
33F 41



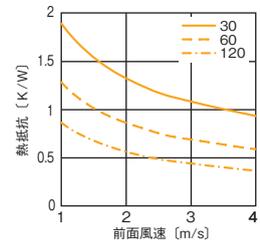
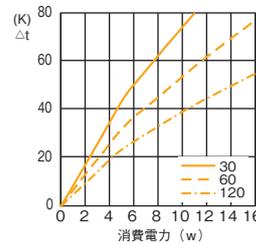
単重 1M=1.488kg



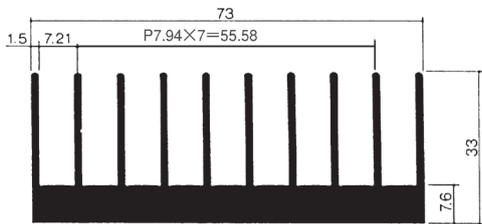
33F 49



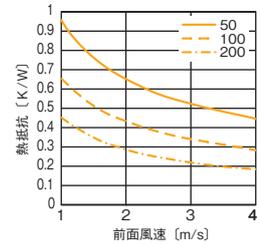
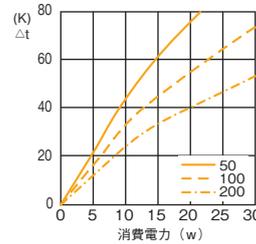
単重 1M=1.766kg



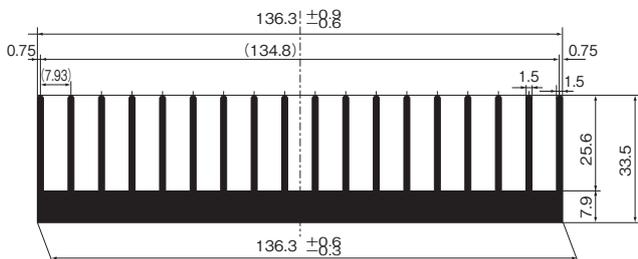
33F 73



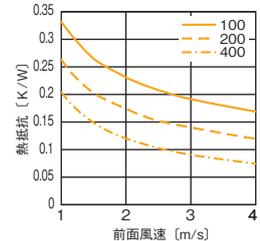
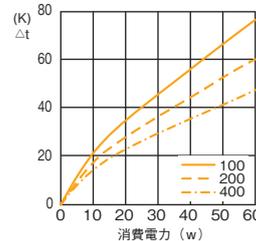
単重 1M=2.52kg



33F 136

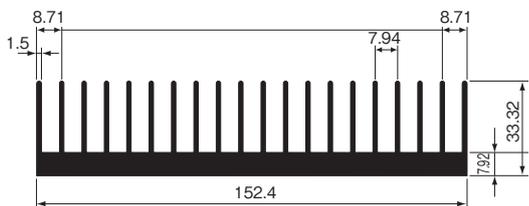


単重 1M=4.768kg

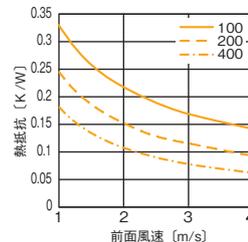
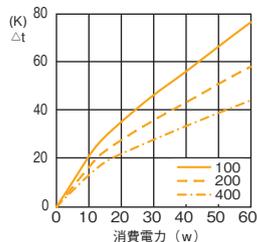


マルチタイプヒートシンク F series

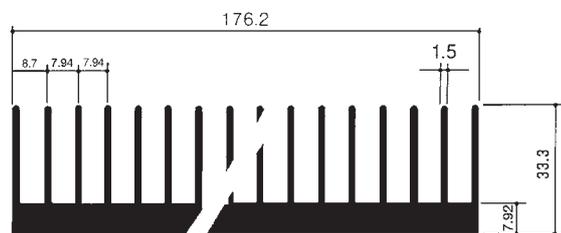
33F 152



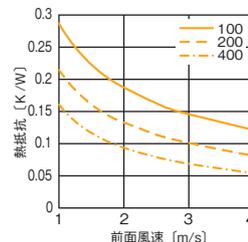
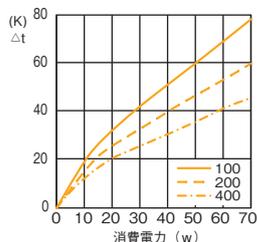
単重 1M=5.308kg



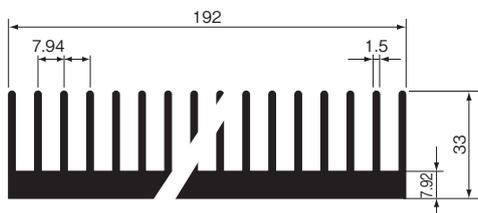
33F 176



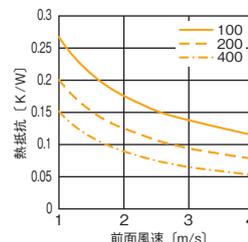
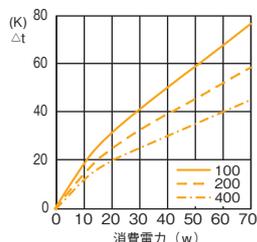
単重 1M=6.124kg



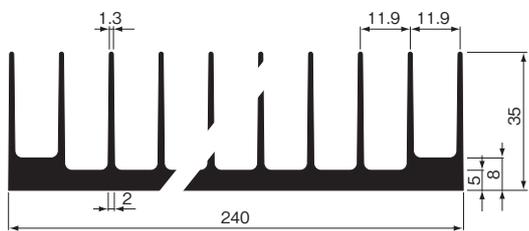
33F 192



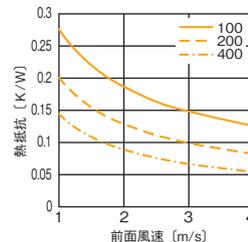
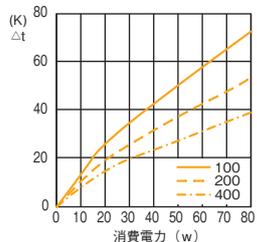
単重 1M=6.691kg



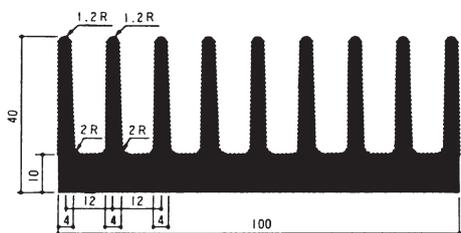
35F 240



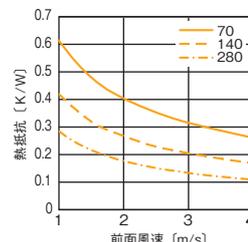
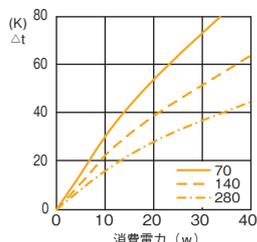
単重 1M=6.245kg

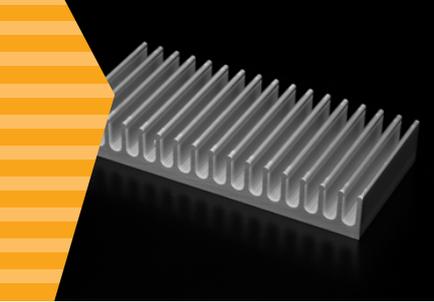


40F 100



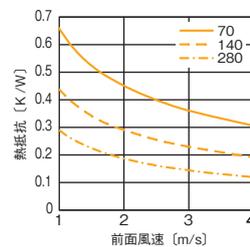
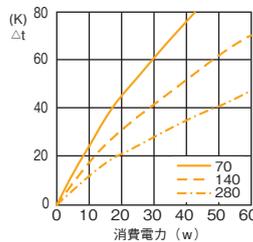
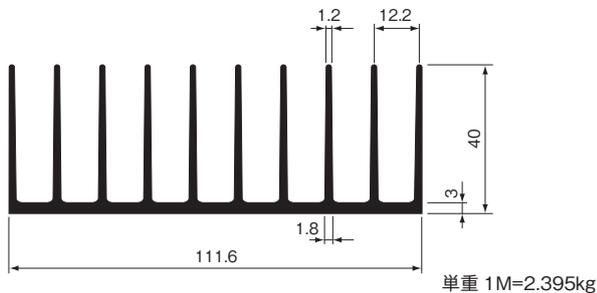
単重 1M=4.822kg



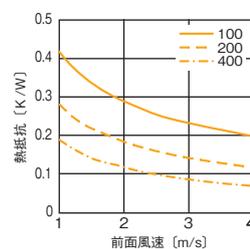
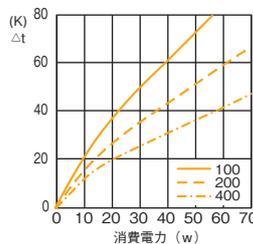
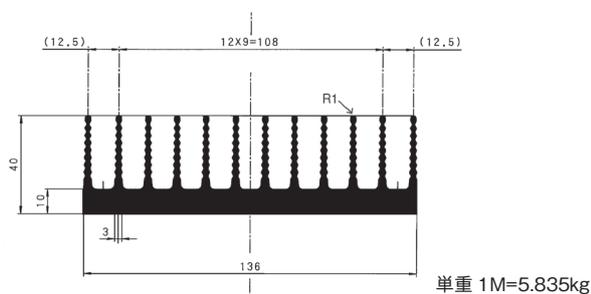


F series マルチタイプヒートシンク

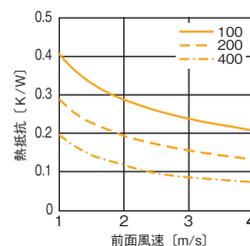
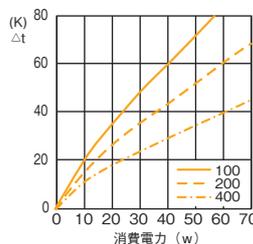
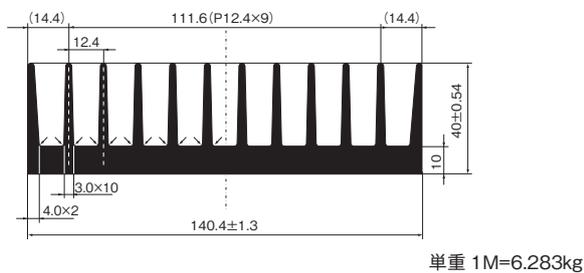
40F 111



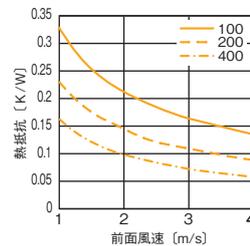
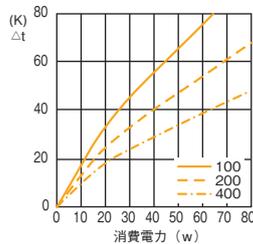
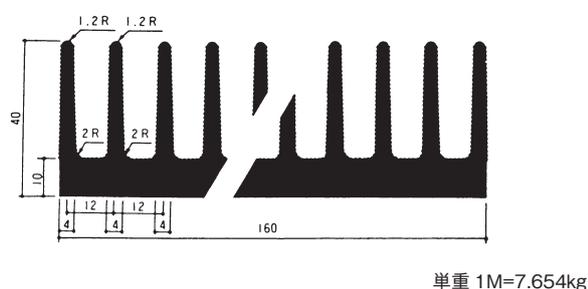
40F 136



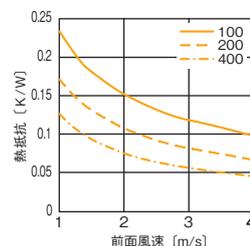
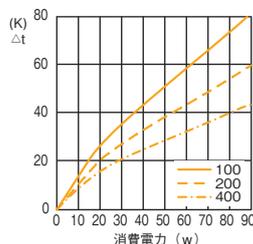
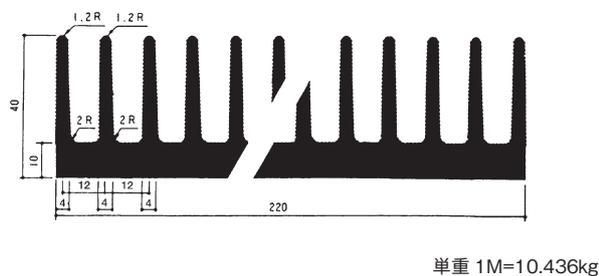
40F 140



40F 160

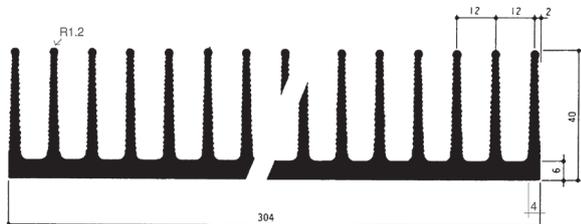


40F 220

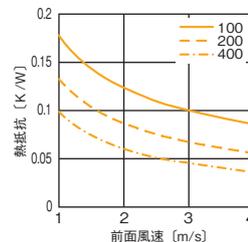
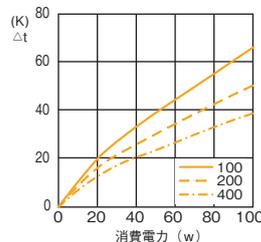


マルチタイプヒートシンク F series

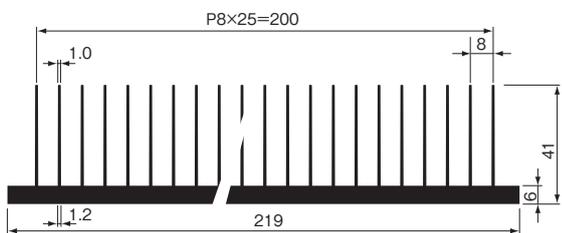
40F 304



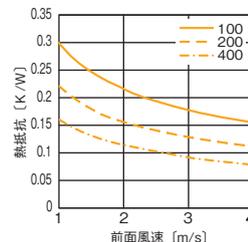
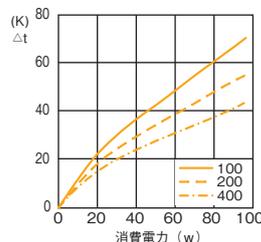
単重 1M=11.937kg



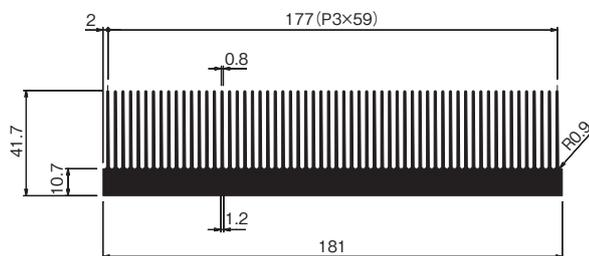
41F 219



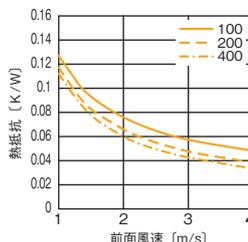
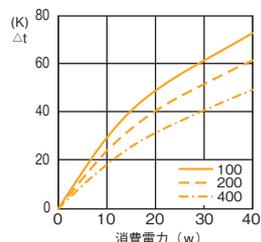
単重 1M=6.248kg



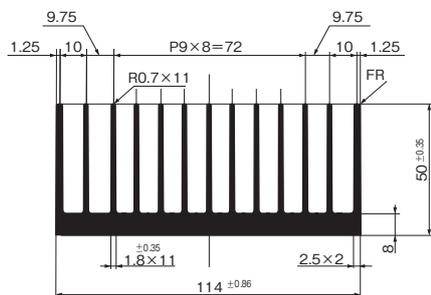
41.7F 181



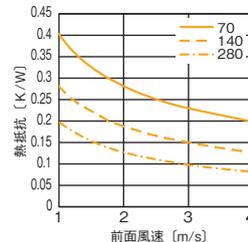
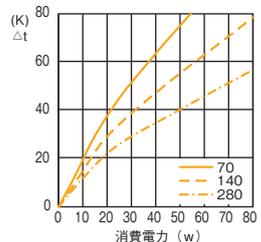
単重 1M=10.28kg



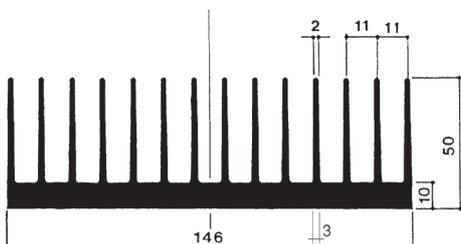
50F 114



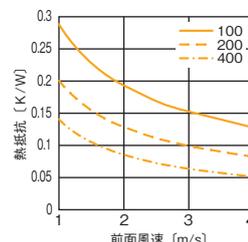
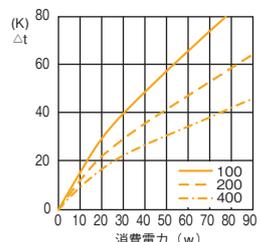
単重 1M=5.025kg

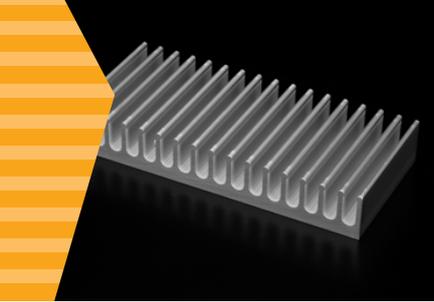


50F 146



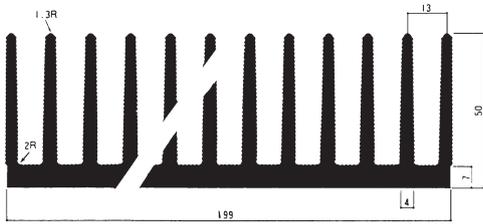
単重 1M=7.703kg



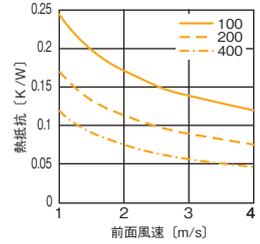
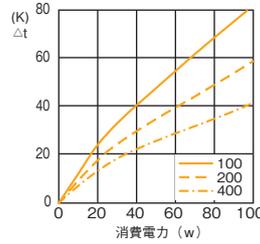


F series マルチタイプヒートシンク

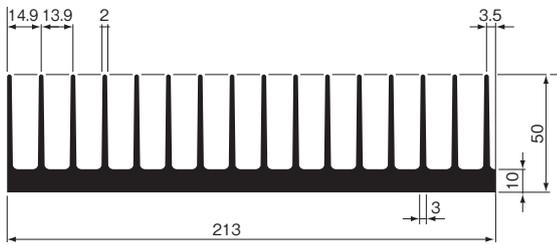
50F 199 .



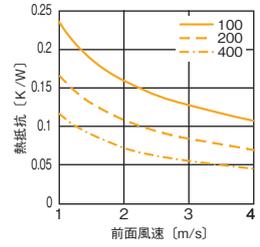
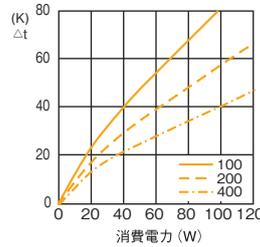
単重 1M=9.35kg



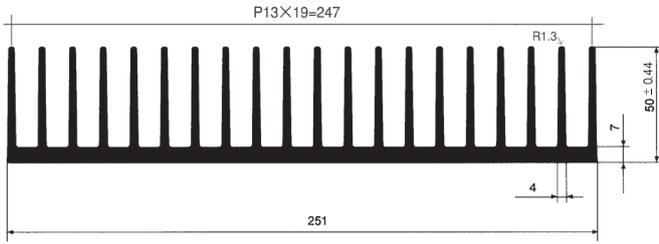
50F 213



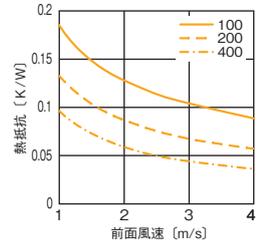
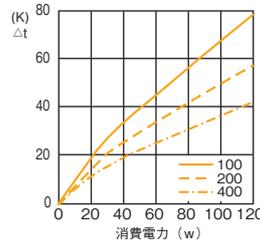
単重 1M=10.103kg



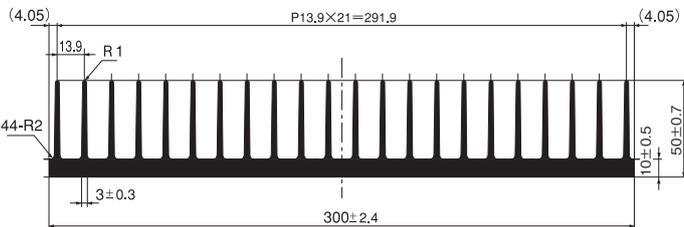
50F 251 .



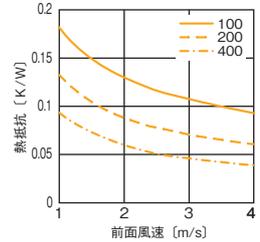
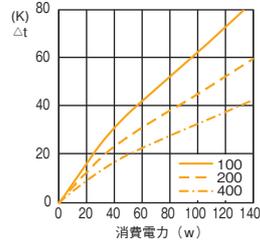
単重 1M=11.845kg



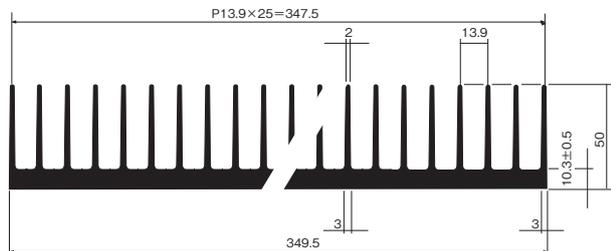
50F 300 .



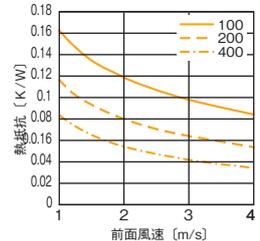
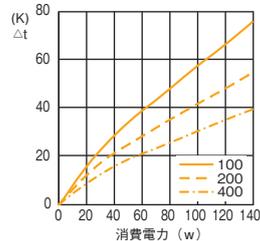
単重 1M=14.083kg



50F 350 .

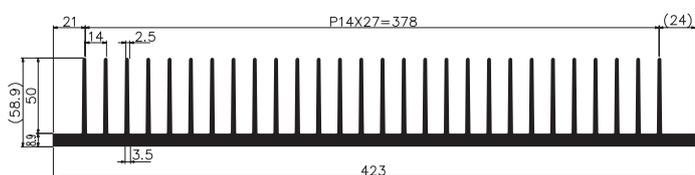


単重 1M=16.734kg

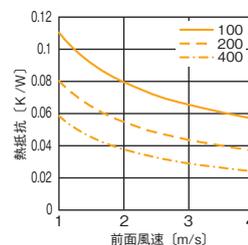
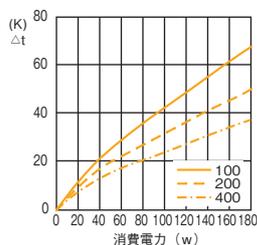


マルチタイプヒートシンク F series

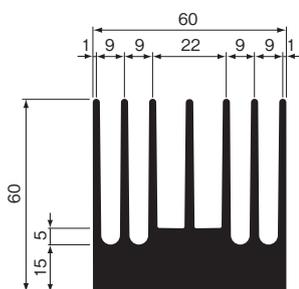
58.9F 423



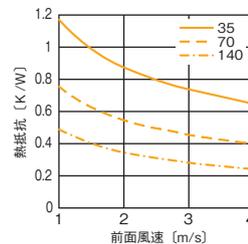
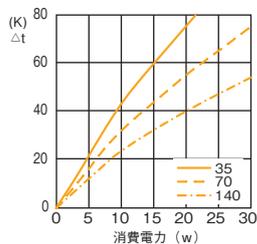
単重 1M=21.415kg



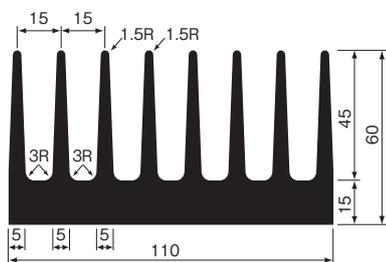
60F 60



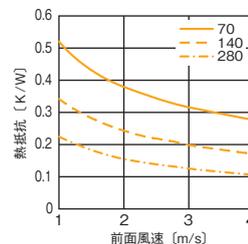
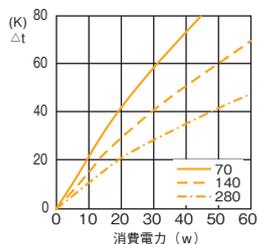
単重 1M=4.83kg



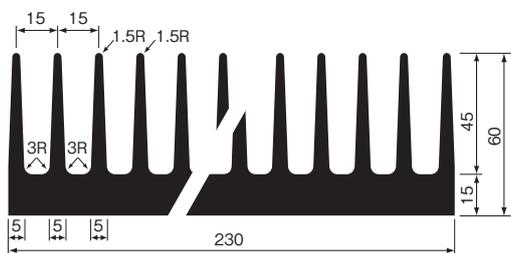
60F 110



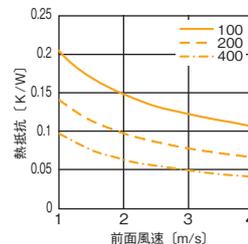
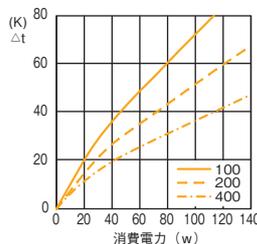
単重 1M=8.1kg



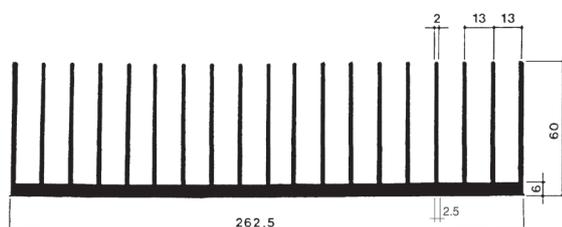
60F 230



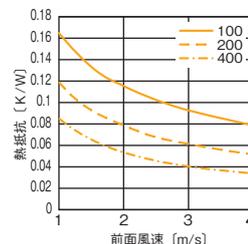
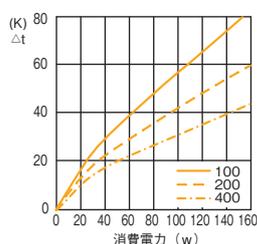
単重 1M=16.597kg

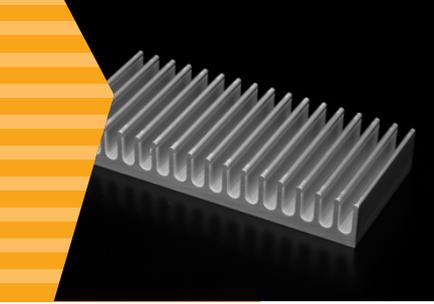


60F 262



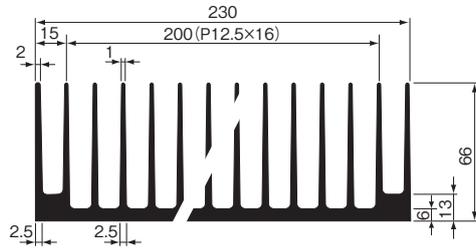
単重 1M=11.127kg



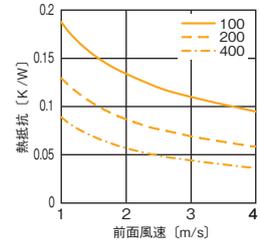
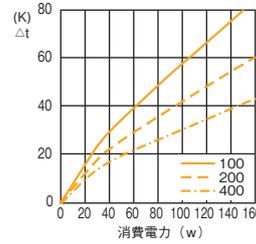


F series マルチタイプヒートシンク

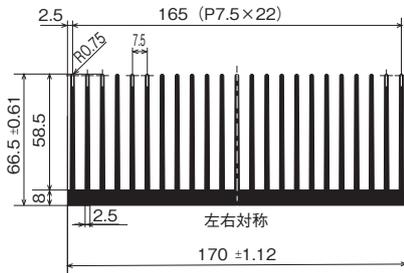
66F 230 .



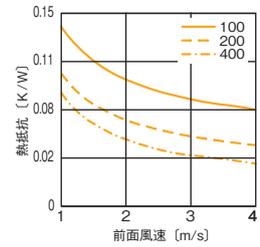
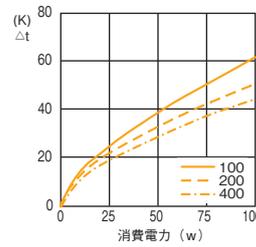
単重 1M=9.79kg



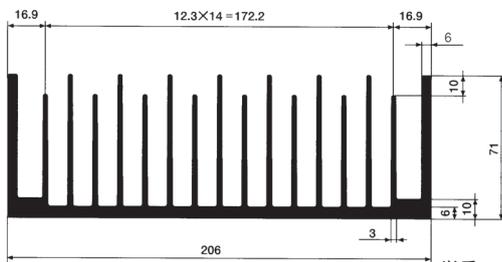
66.5F 170 .



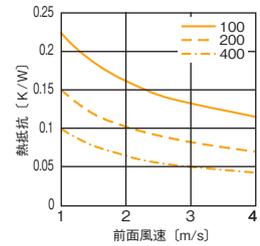
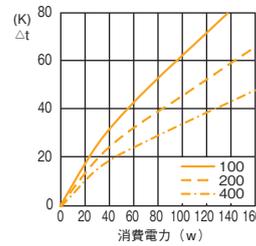
単重 1M=10.9kg



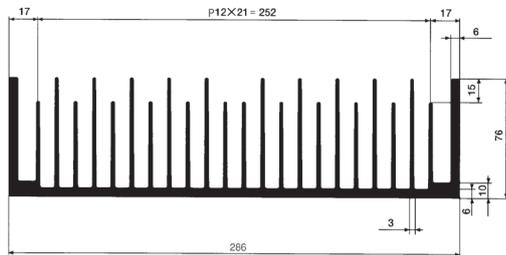
71F 206 .



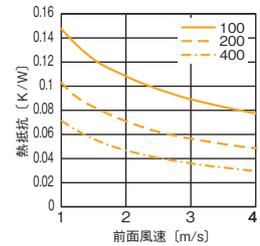
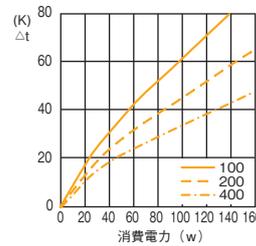
単重 1M=11.194kg



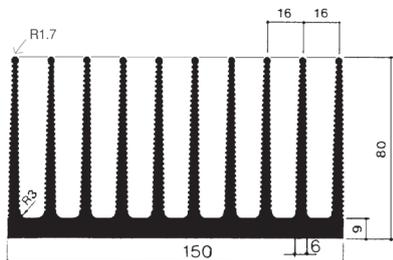
76F 286 .



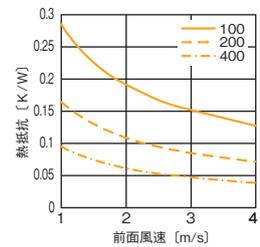
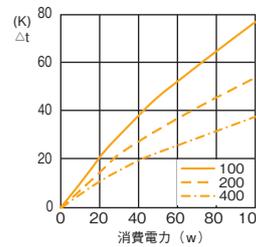
単重 1M=16.257kg



80F 150 .

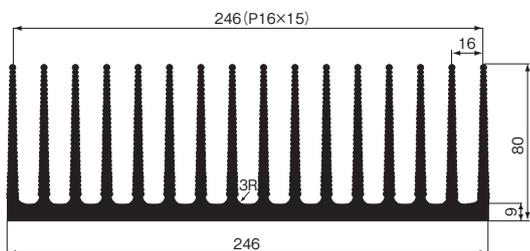


単重 1M=12.112kg

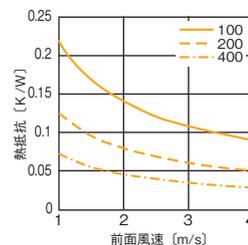
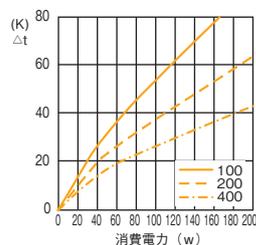


マルチタイプヒートシンク F series

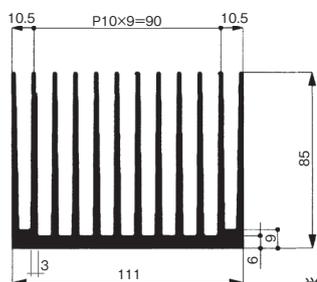
80F 246



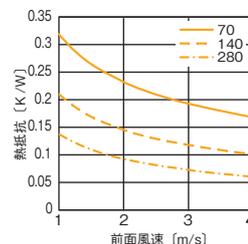
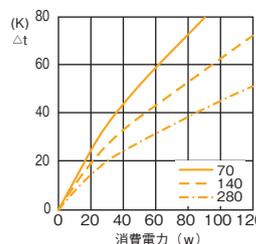
単重 1M=19.46kg



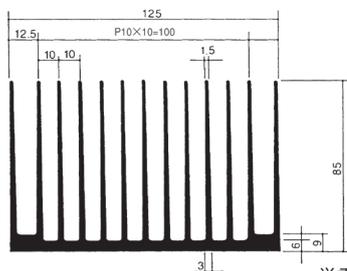
85F 111



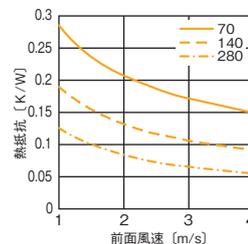
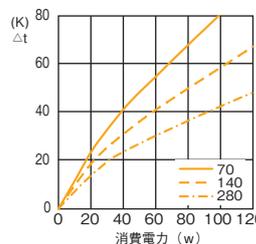
単重 1M=7.657kg



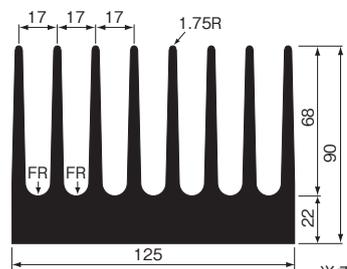
85F 125



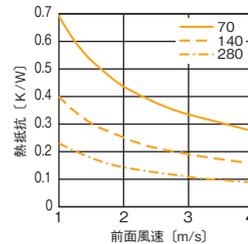
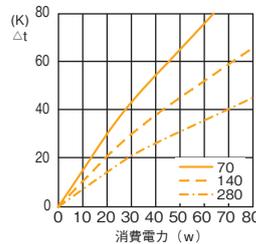
単重 1M=8.397kg



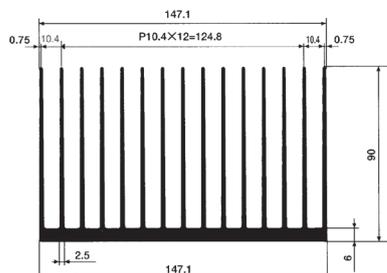
90F 125



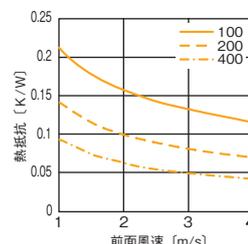
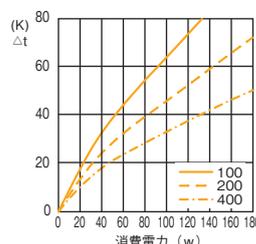
単重 1M=13.84kg

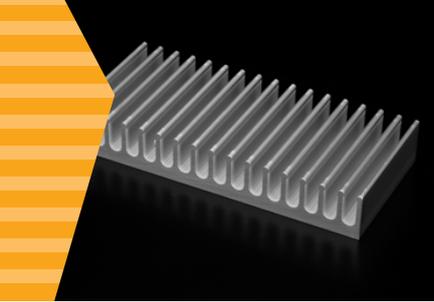


90F 147.1



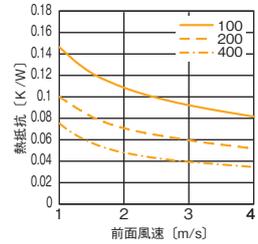
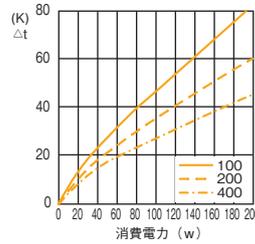
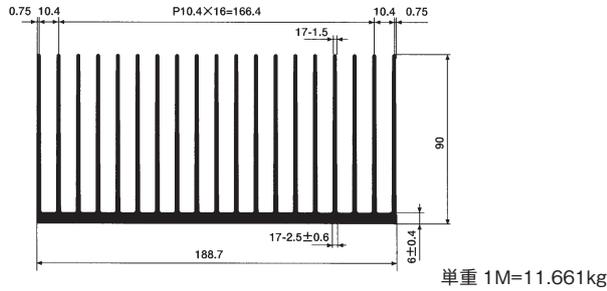
単重 1M=9.19kg



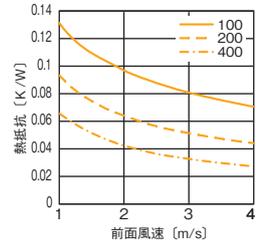
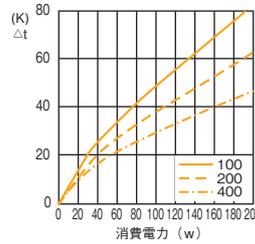
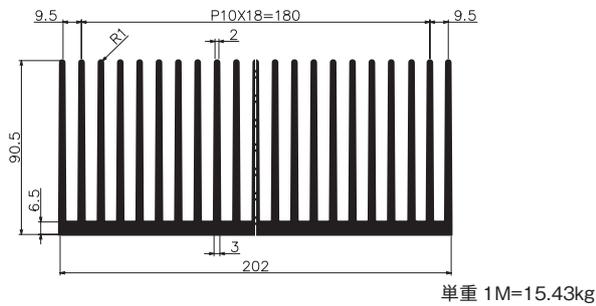


F series マルチタイプヒートシンク

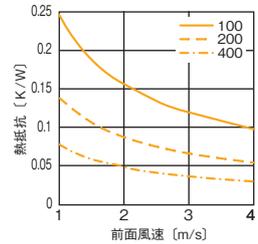
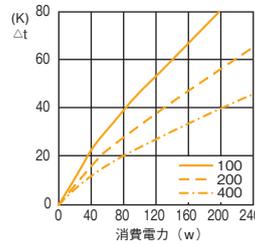
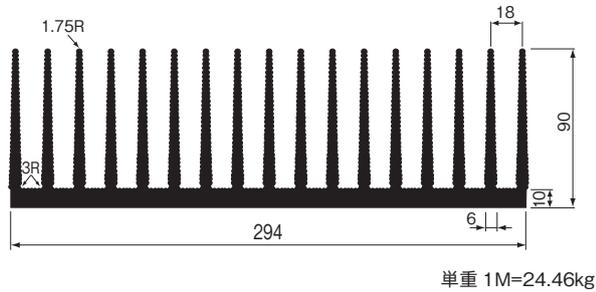
90F 188.7



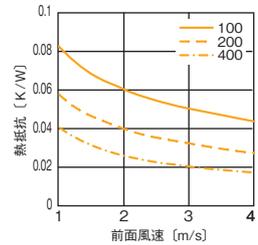
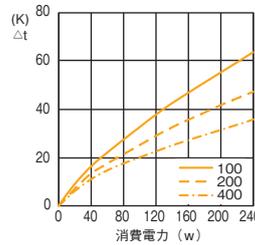
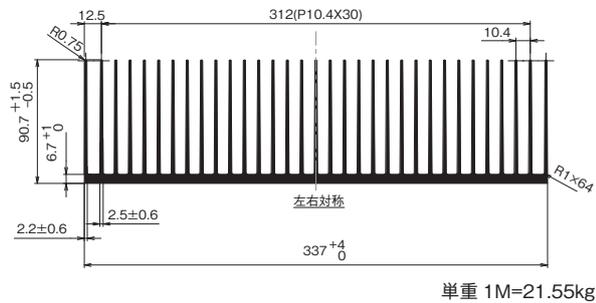
90F 202



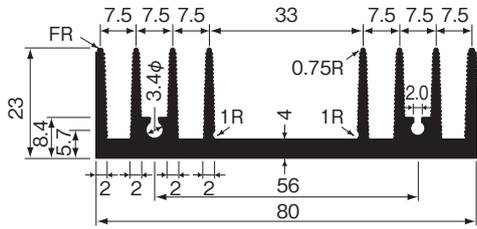
90F 294



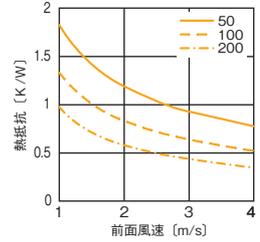
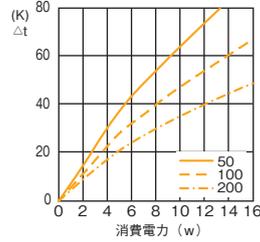
90F 337



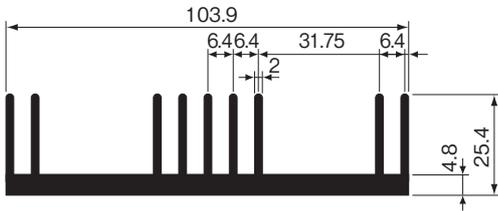
23M 80



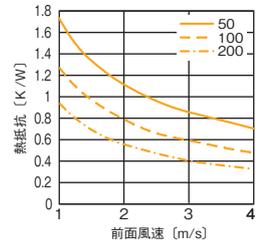
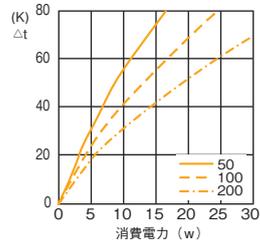
単重 1M=1.558kg



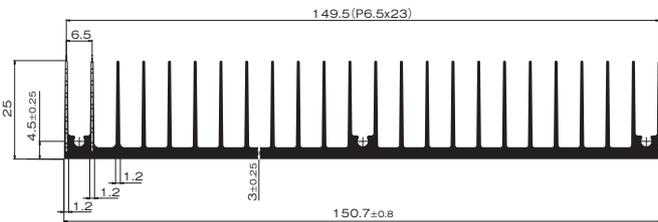
25M 103



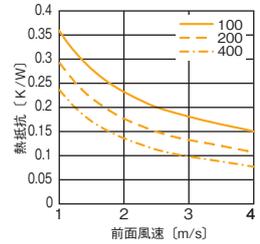
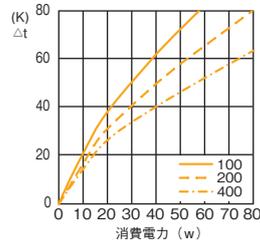
単重 1M=2.337kg



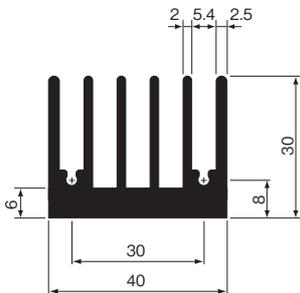
25M 150



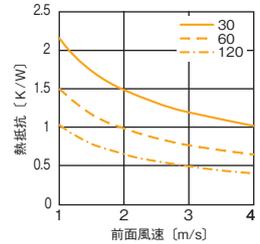
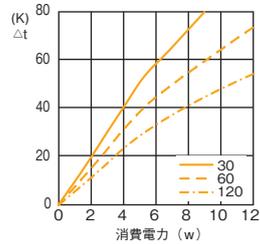
単重 1M=2.69kg ※ビスホールへのタップ加工は避けて下さい。

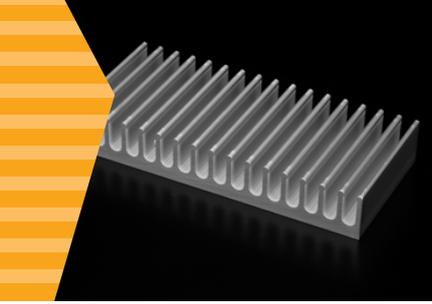


30M 40



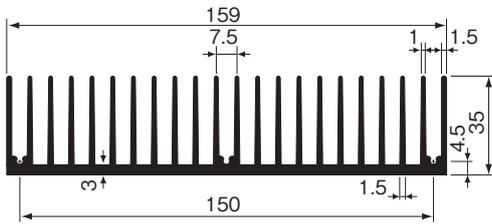
単重 1M=1.566kg



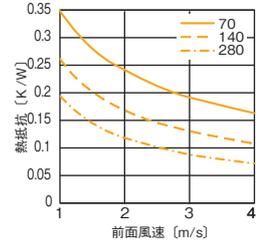
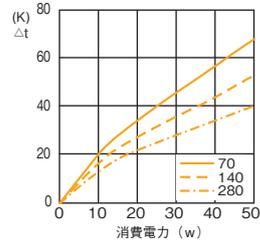


M series マルチタイプヒートシンク

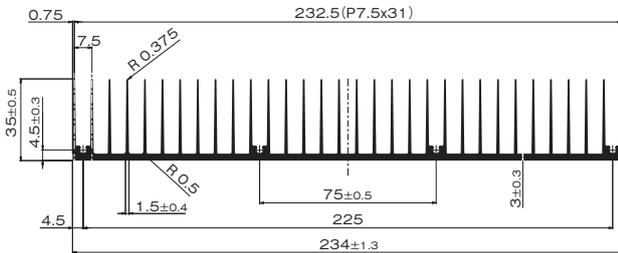
35M 159



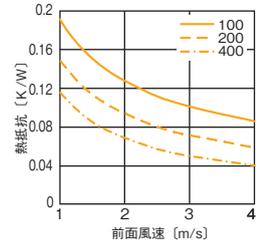
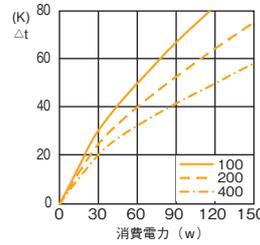
単重 1M=3.82kg



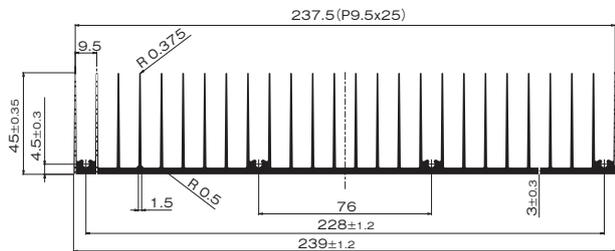
35M 234



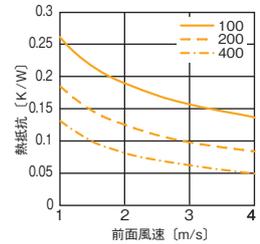
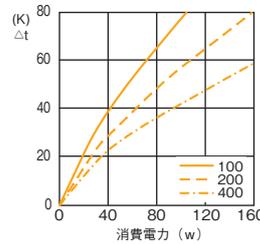
単重 1M=5.149kg ※ビスホールへのタップ加工は避けて下さい。



45M 239



単重 1M=5.473kg ※ビスホールへのタップ加工は避けて下さい。



ヒートパイプ及び応用製品 **DHP series**





DHP series ヒートパイプ及び応用製品

ヒートパイプに関する説明

1. 外観

- 1) 管径 $\phi 6$
- 2) 長さ 125~350mm (25mm刻み)
- 3) 材質 C1020
- 4) 冷媒 水

2. 加工

- 1) 曲げR (内側) 管径の3倍以上
- 2) 扁平厚 3mmまで
※上記以外の加工に関しまして弊社営業までお尋ね下さい。

3. 性能 (参考例：焼結タイプ)

- 1) 管径と長さによる最大熱輸送量変化 [W]

管径 [mm]	長さ [mm]		
	150	200	250
6	65	50	40

※試験条件

姿勢 : 水平

受熱部長さ : 端部より15mmの地点から30mm

放熱部長さ : 端部より70mm

最大熱輸送量判断基準 : 温度差 (=受熱部温度-放熱部温度) が4℃以下であること

- 2) 角度による最大熱輸送量変化 [W]

ヒートパイプ角度	0(ボトム)	30	60	90(水平)	180(トップ)
最大熱輸送量	75	70	55	50	5

※試験条件

ヒートパイプ : 管径 $\phi 6$ 長さ200mm

受熱部長さ : 端部より15mmの地点から30mm

放熱部長さ : 端部より70mm

最大熱輸送量判断基準 : 温度差 (=受熱部温度-放熱部温度) が4℃以下であること

■平棒



t×a

2×10	3×70	5×35	6×75	9×50	12×15	15×50	25×30	35×40
2×15		5×40	6×100		12×20	15×60	25×35	35×50
2×20	4×10	5×50	6×160	10×15	12×25	15×75	25×40	35×60
2×25	4×12	5×60		10×20	12×30	15×100	25×50	35×85
2×30	4×15	5×70	8×15	10×25	12×40	15×150	25×60	35×100
2×40	4×20	5×100	8×20	10×30	12×50	15×200	25×80	
2×50	4×25		8×25	10×35	12×60		25×100	40×50
	4×30	6×9	8×30	10×40	12×75	20×25	25×150	40×60
3×10	4×40	6×10	8×32	10×45	12×100	20×30	25×200	40×75
3×12	4×50	6×12	8×35	10×50	12×120	20×35		40×100
3×15	4×60	6×15	8×40	10×60	12×150	20×40	30×40	
3×20	4×70	6×20	8×50	10×64		20×50	30×50	50×100
3×25		6×25	8×60	10×70	13×40	20×60	30×60	
3×30	5×10	6×30	8×75	10×75		20×70	30×65	76×100
3×35	5×15	6×35	8×100	10×80	15×20	20×80	30×75	
3×40	5×20	6×40		10×100	15×25	20×100	30×100	
3×50	5×25	6×50	9×30	10×125	15×30	20×150	30×150	
3×60	5×30	6×60	9×40	10×150	15×40	20×200	30×200	

■四角棒



a×b

5×5	9×9	13×13	18×18	22×22	32×32	45×45	60×60	100×100
6×6		14×14	19×19	25×25	35×35		70×70	
7×7	10×10	15×15				50×50	80×80	
8×8	12×12	16×16	20×20	30×30	40×40	55×55	90×90	

■等辺アングル



t×a×a

1.2×10×10	1.5×20×20	2×10×10	2×50×50	3×30×30	4×25×25	5×30×30	6×40×40	9×75×75
1.2×12×12	1.5×25×25	2×15×15		3×35×35	4×30×30	5×40×40	6×50×50	
	1.5×30×30	2×20×20	3×15×15	3×40×40	4×35×35	5×50×50	6×60×60	10×100×100
1.5×10×10	1.5×50×50	2×25×25	3×20×20	3×50×50	4×40×40	5×60×60	6×65×65	
1.5×15×15		2×30×30	3×25×25		4×50×50			

■不等辺アングル



t×a×b

1.5×10×15	1.5×10×30	1.5×15×20	2×15×20	2×20×30	2.5×13×35	3×20×40	4×35×50	5×50×75
1.5×10×20	1.5×10×40	1.5×15×25	2×15×25	2×20×40		3×25×50		
1.5×10×25			2×15×30	2×20×50	3×20×30		5×40×60	

■チャンネル



t×a×b

1.5×10×10	2×18×10	2×25×25	2.4×30×30	3×30×25	3×60×30	4×80×40	5×100×50	
	2×20×20	2×30×15	2.4×35×20	3×40×20				
2×15×15	2×22×12	2×40×20		3×50×25	3.2×75×40	5×75×50		

■角パイプ



a×b×t

別途お問い合わせ下さい。