Heat Sinks

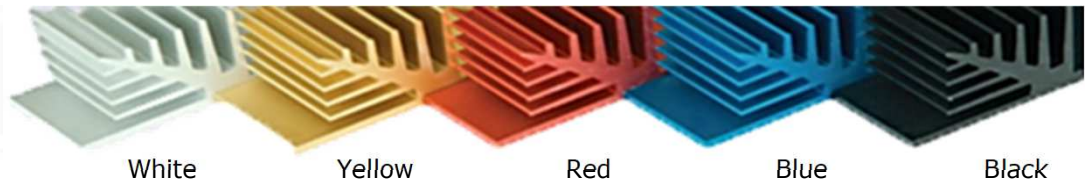
Heatsinks are widely used in telecommunication products, power and audio devices (high quality speakers, amplifiers, equalizers...). Given the high thermal conductivity of extruded aluminum, computer manufacturers have gained a considerable advantage in using heatsinks as a heat dissipation device to reduce the internal temperature of their computers. Miniature heatsinks are used in motherboards or graphics cards... Through different combinations of chemical components such as silicon, iron, copper, magnesium, manganese...to pure aluminum, various series of aluminum alloy can be formed (Series 2xxx, 3xxx, 5xxx, 6xxx and 7xxx). Each type of aluminum alloy will have its own mechanical properties, in order to meet the customer's requirement. Therefore, our products can be used in different business sectors.

It has become apparent in recent years that the efficiency of heat sinks needs to be improved. The only way to do this is to increase the surface area of the fins. This is the Skives Fine technology. The fins are therefore modified using specially designed machines in the different oriented shapes and in different angles in a 3-dimensional matrix (trapezoidal, triangular, rectangular or even wavy fins). The fins can be machined into the different base surfaces. This technology can go as far as doubling the maximum number of fins that we would find on a conventional extrusion radiator.

General information

- Material: Aluminium alloy EN AW - 6060 according to EN 573-3 and EN 755-2.
- Tolerances: According to DIN ISO 2768-m
- Design possible according to customer plan
- Anodizing possible according to CDC

Avalable colors



Parameters indicated for each product

Marks	Correspondence
L	Length in millimeters to calculate the indicated thermal resistance.
P	Weight in Kilograms/ meter.
Rth N	Thermal resistance in Kelvin/ Watt in natural convection.
Rth F	Thermal resistance in Kelvin/ Watt in forced convection at 3 m/s.
W*	Width in millimeters to calculate the indicated thermal resistance

**Only valid for PA series.*

The results were obtained under laboratory conditions and should be considered only as a guide. As AB2E has no control over its customers' hardware and many other factors, it is the user's responsibility to perform their own tests to ensure that the product meets their needs.

Heat Sinks

Series and dimensions: Summary

Série P					
Reference	Rth N	Width	Height	Length	Page
STDP18.06	3.36	34	60	50	6
STDP18.07	3.35	40	35	50	6
STDP18.94	4.21	46	33	50	6
STDP18.08	3.57	48	40	50	6
STDP18.11	2.99	52	40	50	6
STDP18.12	1.23	65	70	100	6
STDP18.13	1.75	66	30	100	6
STDP18.14	1.76	66	40	100	6
STDP18.15	1.54	82	32	100	6
STDP18.18	1.03	95	70	100	7
STDP18.19	1.25	97	25.5	100	7
STDP18.20	1.8	100	15	100	7
STDP18.21	1.43	100	25	100	7
STDP18.95	1.79	100	25	100	7
STDP18.22	1.19	100	40	100	7
STDP18.23	1.24	100	40	100	8
STDP18.24	1.44	100	40	100	8
STDP18.96	0.6	107	56.5	150	8
STDP18.26	0.67	111.5	67.5	150	8
STDP18.27	0.79	112	72	150	8
STDP18.28	1.05	113	37	150	8
STDP18.29	0.68	115	80	150	9
STDP18.30	0.83	120	40	150	9
STDP18.97	0.83	120	40	150	9
STDP18.31	0.77	120	60	150	9
STDP18.98	0.76	120	60	150	9
STDP18.32	0.72	120	63	150	9
STDP18.33	0.55	120	70	150	10
STDP18.34	0.77	121	58.5	150	10
STDP18.37	0.62	130	84	150	10
STDP18.39	0.87	135	25	150	10
STDP18.40	0.88	138	40	150	10
STDP18.99	0.67	138	50.5	150	10
STDP18.43	0.76	150	27	150	11
STDP18.44	0.74	150	27	150	11
STDP18.100	0.74	150	27	150	11
STDP18.101	0.66	150	28.5	150	11
STDP18.45	0.68	150	40	150	11
STDP18.102	0.78	150	50	150	11
STDP18.46	0.61	150	83	150	12
STDP18.48	0.64	160	40	200	12
STDP18.103	0.55	160	50	200	12
STDP18.104	0.64	162	25	200	12
STDP18.50	0.44	173	28	200	12
STDP18.51	0.64	188	30	200	12

Série P (following)					
Reference	Rth N	Width	Height	Length	Page
STDP18.53	0.51	190.2	50	200	13
STDP18.54	0.43	190.5	83	200	13
STDP18.55	0.45	190.5	83	200	13
STDP18.56	0.72	197	20	200	13
STDP18.57	0.74	200	15	200	13
STDP18.58	0.64	200	20	200	13
STDP18.59	0.56	200	25	200	14
STDP18.60	0.46	200	40	200	14
STDP18.105	0.55	200	40	200	14
STDP18.106	0.36	200	60	200	14
STDP18.61	0.38	200	72	200	14
STDP18.62	0.35	200	83	200	14
STDP18.63	0.34	200	84	200	15
STDP18.65	0.31	215	77	250	15
STDP18.66	0.28	215	77	250	15
STDP18.67	0.31	216	77	250	15
STDP18.68	0.32	216	83	250	15
STDP18.107	0.39	220	46.5	250	15
STDP18.108	0.35	220	60	250	15
STDP18.70	0.82	223	14.3	150	15
STDP18.109	0.29	235	60	250	16
STDP18.71	0.54	240	16	250	16
STDP18.72	0.43	245.6	25	250	16
STDP18.73	0.33	250	40	250	16
STDP18.74	0.36	250	40	250	17
STDP18.110	0.37	250	40.5	250	17
STDP18.111	0.41	250	40	250	17
STDP18.112	0.38	250	50	250	17
STDP18.75	0.29	250	83	250	17
STDP18.76	0.24	260	67.5	300	17
STDP18.77	0.25	260	67.5	300	18
STDP18.78	0.27	265	74	300	18
STDP18.79	0.27	265	74	300	18
STDP18.82	0.36	300	25	300	18
STDP18.113	0.32	300	27	300	18
STDP18.83	0.3	300	40	300	18
STDP18.84	0.32	300	40	300	19
STDP18.85	0.26	300	40	300	19
STDP18.114	0.25	300	60	300	19
STDP18.86	0.25	300	70.4	300	19
STDP18.87	0.23	300	83	300	19
STDP18.88	0.023	300	84	300	19
STDP18.89	0.19	300	84	300	20
STDP18.115	0.2	300	84.5	300	20
STDP18.90	0.2	345	61.5	400	20

Heat Sinks

Series and dimensions: Summary

Série P (following)					
Reference	Rth N	Width	Height	Length	Page
STDP18.91	0.25	362	35	400	20
STDP18.116	0.18	380	60	400	21
STDP18.92	0.2	400	40	400	21
STDP18.93	0.2	400	61	400	21

Série W					
Reference	Rth N	Width	Height	Length	Page
STDW18.01	0.19	340	70.4	400	22
STDW18.24	0.14	360	83.5	400	22
STDW18.02	0.14	398	70.9	400	22
STDW18.03	0.14	400	60	400	22
STDW18.04	0.14	400	83	400	23
STDW18.05	0.13	400	85	400	23
STDW18.06	0.12	430	77	450	23
STDW18.07	0.13	432	77	450	23
STDW18.08	0.13	432	83	450	24
STDW18.09	0.15	440	60	450	24
STDW18.25	0.11	150	85	450	24
STDW18.26	0.11	460	80.5	450	24
STDW18.10	0.13	500	40	500	25
STDW18.11	0.11	500	83	500	25
STDW18.27	0.09	500	85	500	25
STDW18.12	0.11	520	67.5	500	25
STDW18.13	0.11	520	67.5	500	26
STDW18.28	0.08	550	85	550	26
STDW18.14	0.14	600	25	600	26
STDW18.15	0.12	600	40	600	26
STDW18.16	0.1	600	70.4	600	27
STDW18.17	0.09	600	83	600	27
STDW18.29	0.07	600	85	600	27
STDW18.30	0.07	650	85	650	27
STDW18.19	0.08	690	61.5	700	28
STDW18.31	0.06	700	85	700	28
STDW18.32	0.05	750	85	750	28
STDW18.20	0.08	800	40	800	28
STDW18.21	0.05	800	85	800	29
STDW18.22	0.05	850	85	850	29
STDW18.23	0.04	900	85	900	29

Série PC					
Reference	Rth N	Width	Height	Length	Page
STDPC18.01	0.38	140	125	150	30
STDPC18.02	0.41	150	83	150	30
STDPC18.03	0.38	150	125	150	30
STDPC18.04	0.29	190.5	83	200	30
STDPC18.06	0.26	200	125	200	30
STDPC18.07	0.24	220	77	250	30

Série T					
Reference	Rth N	Width	Height	Length	Page
STDT18.01	0.51	125	125	150	31
STDT18.02	0.54	125	135	150	31
STDT18.04	0.5	125	135.5	150	31
STDT18.05	0.79	126	63.5	150	31
STDT18.07	0.76	128	57	150	32
STDT18.08	0.81	130	52	150	32
STDT18.09	0.77	130	52	150	32
STDT18.10	0.66	140	90	150	32
STDT18.21	0.51	142	119.5	150	32
STDT18.11	0.69	150	72	150	32
STDT18.12	0.47	164	93.5	200	33
STDT18.13	0.45	178	80	200	33
STDT18.14	0.45	200	86	200	33
STDT18.15	0.43	210	68	200	33
STDT18.16	0.36	226	80	250	33
STDT18.17	0.33	240	108	250	33
STDT18.18	0.35	240	112	250	34
STDT18.19	0.29	270	73	300	34
STDT18.20	0.25	290	85	300	34

Série H					
Reference	Rth N	Width	Height	Length	Page
STDH18.02	6.2	35	12.5	50	35
STDH18.09	1.85	90	29.5	100	35
STDH18.10	1.35	105	38	100	35
STDH18.11	0.98	115	33.5	100	35
STDH18.12	1.5	115	35	100	35
STDH18.13	1.12	120	64	100	35
STDH18.14	0.74	120	120	100	36
STDH18.15	0.74	130	130	100	36

Heat Sinks

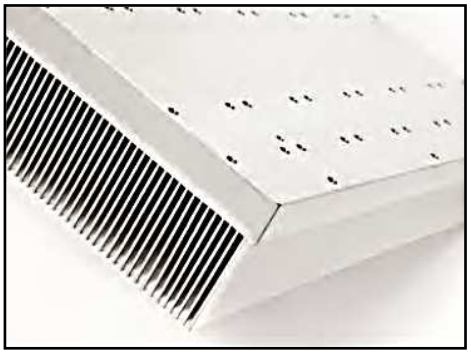
Série L					
Reference	Rth N	Width	Height	Length	Page
STDL18.01	5.64	30	28	50	37
STDL18.02	3.54	48	33	50	37
STDL18.03	4.33	50	28	50	37
STDL18.04	2.7	54	38	50	37
STDL18.05	1.63	66	33	100	37

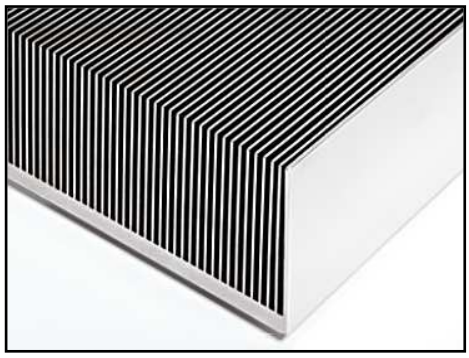
Série E					
Reference	Rth N	Width	Height	Length	Page
STDE18.01	3.38	35	44	50	38
STDE18.02	2.59	40	60	50	38
STDE18.03	1.22	68	90	100	38
STDE18.04	0.9	70	132	100	38
STDE18.05	0.86	100	120	100	38

Série U					
Reference	Rth N	Width	Height	Length	Page
STDU18.01	8.37	15	20	50	39
STDU18.23	9.9	20	15	50	39
STDU18.02	4.63	28	32	50	39
STDU18.03	6.73	29	11.5	50	39
STDU18.05	5.65	38	20	50	39
STDU18.06	5.79	44	11	50	39
STDU18.07	5.69	45	14	50	39
STDU18.08	4.88	50	24	50	39
STDU18.09	4.4	52	20	50	39
STDU18.10	3.92	60	24	50	40
STDU18.12	3.82	65	19.5	50	40
STDU18.13	3.58	80	14	50	40
STDU18.14	3.22	80	24	50	40
STDU18.16	2.65	88	35	50	40
STDU18.18	1.97	94	14.5	100	40
STDU18.19	1.72	97	25	100	41
STDU18.20	1.3	100	50	100	41
STDU18.22	1.23	140	26	100	41

Série PA					
Reference	Rth N	Width	Height	Length	Page
STDPA18.14	0.37	98.8	77.5	150	42
STDPA18.15	0.31	98.8	100	150	42
STDPA18.02	0.48	100	55	150	42
STDPA18.03	0.43	100	62	150	42
STDPA18.16	0.42	99	83.5	150	43
STDPA18.17	0.48	100	65	150	43
STDPA18.04	0.53	108	71	150	43
STDPA18.18	0.41	102	75	150	44
STDPA18.19	0.43	100	78	150	44
STDPA18.20	0.39	100	81	150	44
STDPA18.05	0.37	100	85	150	45
STDPA18.06	0.4	100	90	150	45
STDPA18.08	0.32	100	117	150	45
STDPA18.09	0.31	100	122	150	46
STDPA18.21	0.28	100	132.5	150	46
STDPA18.22	0.32	106	125.5	150	46
STDPA18.10	0.33	104	127	150	47
STDPA18.11	0.39	105	118	150	47
STDPA18.12	0.62	100	62	150	47
STDPA18.13	0.64	95	70.5	150	47

Série LC (clip)					
Reference	Rth N	Width	Height	Length	Page
STDLC18.01	4.31	31.5	40	50	48
STDLC18.02	7.24	36	19	50	48
STDLC18.03	3.53	47	30	50	48
STDLC18.04	6.4	36	30	50	48
STDLC18.05	0.34	60	28	50	48
STDLC18.06	2.86	60	30	50	48
STDLC18.07	1.99	75	40	50	49



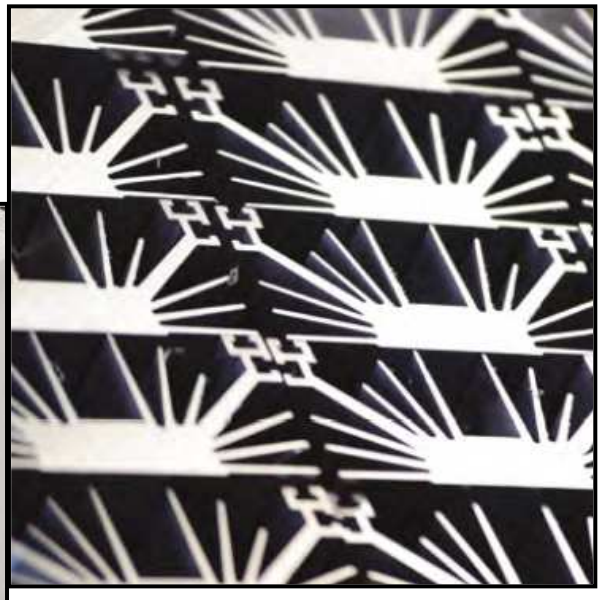


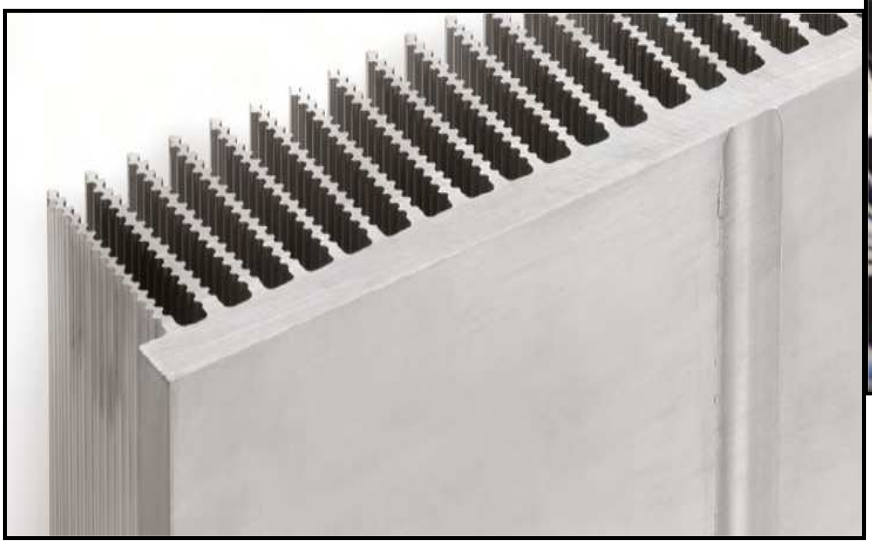
Heat Sinks

Série PM & PM+			
Reference	Width	Height	Page
STDPM18.01	100	40	51
STDPM+18.01	100	40	51
STDPM18.02	150	60	51
STDPM+18.02	150	60	51
STDPM18.03	200	70	52
STDPM+18.03	200	70	52
STDPM18.04	250	85	52
STDPM+18.04	250	85	52
STDPM18.05	300	85	52
STDPM+18.05	300	85	52
STDPM18.06	300	135	53
STDPM+18.06	300	135	53
STDPM18.07	350	75	53
STDPM+18.07	350	75	53
STDPM18.08	400	85	53
STDPM+18.08	400	85	53
STDPM18.09	500	100	54
STDPM+18.09	500	100	54
STDPM18.10	600	85	54
STDPM+18.10	600	85	54
STDPM18.11	700	100	54
STDPM+18.11	700	100	54
STDPM18.12	800	135	55
STDPM+18.12	800	135	55

Série PB			
Reference	Width	Height	Page
STDPBS18.01	4.3	68.5	56
STDPBS18.02	4.3	78.5	56
STDPBS18.03	4.3	98.5	56
STDPBS18.04	4.3	110.5	56
STDPBH18.01	4.3	58.8	57
STDPBH18.02	4.3	68.5	57
STDPBH18.03	4.3	98.5	57
STDPBH18.04	4.3	110.5	57
STDPBSF18.01	8	70	57
STDPBSF18.02	8	80	57
STDPBSF18.03	8	112	57
STDPBS18.05	200	85	57
STDPBS18.06	300	100	58
STDPBS18.07	400	120	58
STDPBS18.08	500	132	58
STDPBH18.05	200	75	59
STDPBH18.06	300	85	59
STDPBH18.07	400	120	59
STDPBH18.08	500	132	59

Série PA					
Reference	Rth N	Width	Height	Length	Page
STDPR18.01	0.12	200	180	200	60
STDPR18.02	0.12	300	84	300	60



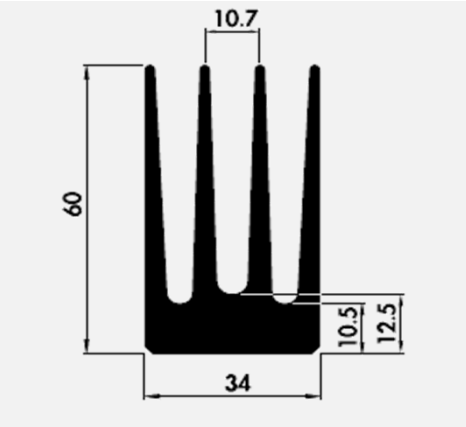


Heat Sinks

SERIE P

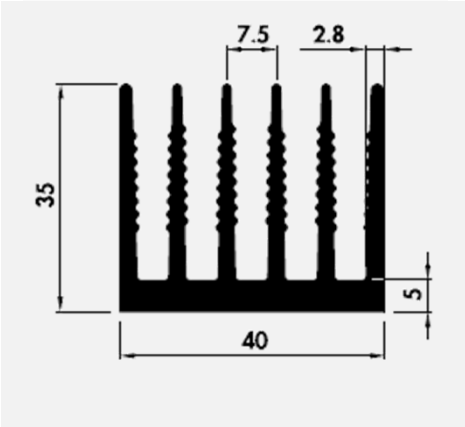
Extruded

STDP18.06



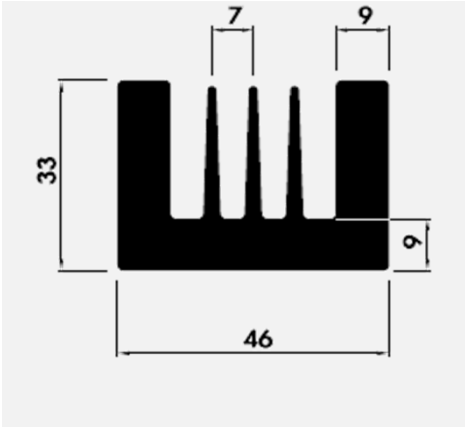
Rth N : 3,36 K/W L: 50mm
Rth F : 1,136 K/W P: 2,82 kg/m

STDP18.07



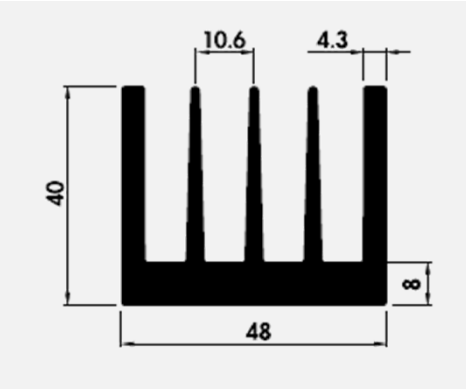
Rth N : 3,35 K/W L: 50mm
Rth F : 1,131 K/W P: 1,73 kg/m

STDP18.94



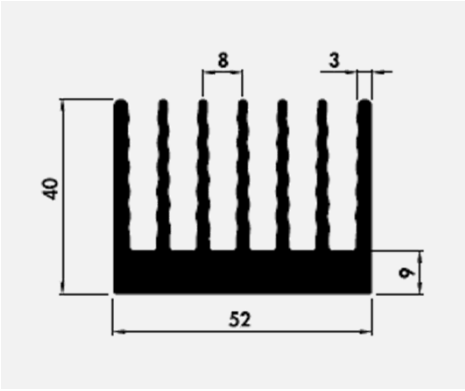
Rth N : 4,21 K/W L: 50mm
Rth F : 1,421 K/W P: 2,7 kg/m

STDP18.08



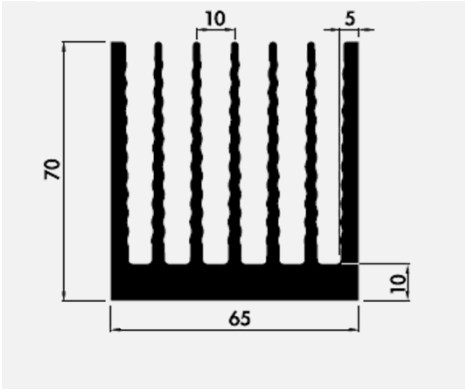
Rth N : 3,57 K/W L: 50mm
Rth F : 1,206 K/W P: 2,45 kg/m

STDP18.11



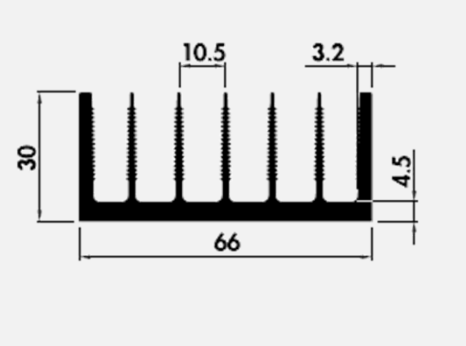
Rth N : 2,99 K/W L: 50mm
Rth F : 1,009 K/W P: 2,79 kg/m

STDP18.12



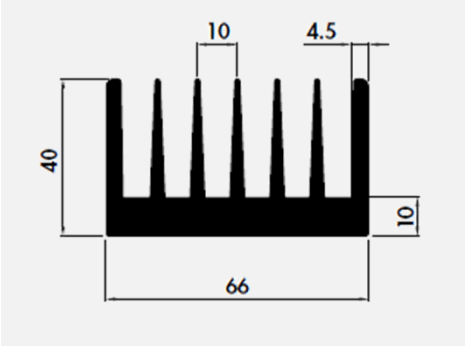
Rth N : 1,23 K/W L: 100mm
Rth F : 0,415 K/W P: 5,44 kg/m

STDP18.13



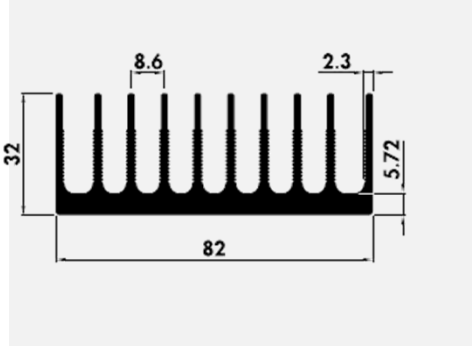
Rth N : 1,75 K/W L: 100mm
Rth F : 0,59 K/W P: 1,77 kg/m

STDP18.14



Rth N : 1,76 K/W L: 100mm
Rth F : 0,594 K/W P: 3,47 kg/m

STDP18.15



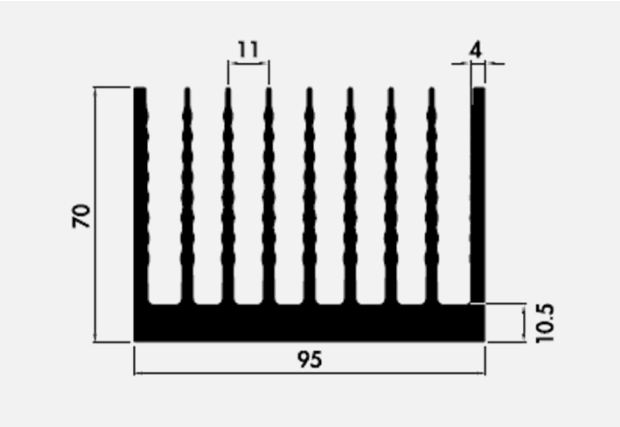
Rth N : 1,54 K/W L: 100mm
Rth F : 0,519 K/W P: 2,82 kg/m

Heat Sinks

SERIE P - Following

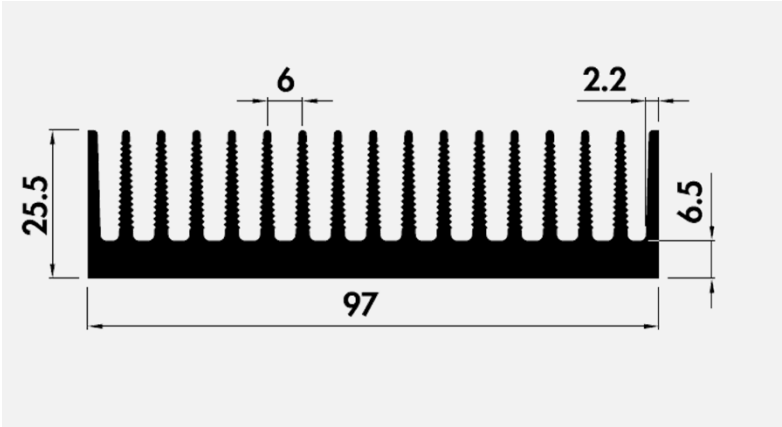
Extruded

STDP18.18



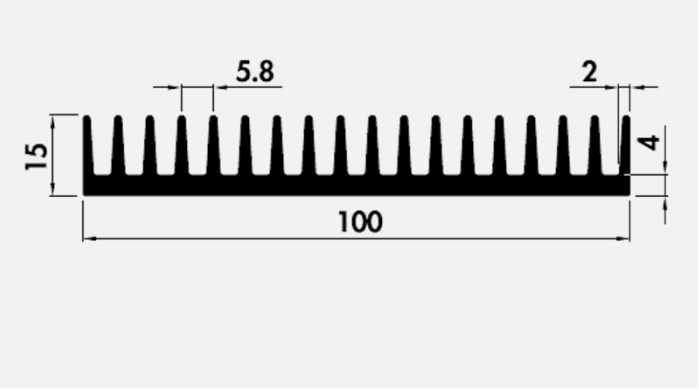
Rth N : 1,03 K/W
Rth F : 0,35 K/W
L: 100 mm
P: 7,25 kg/m

STDP18.19



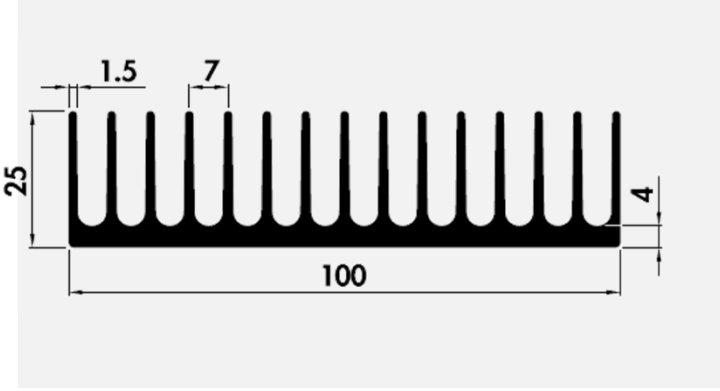
Rth N : 1,25 K/W
Rth F : 0,423 K/W
L: 100 mm
P: 3,4 kg/m

STDP18.20



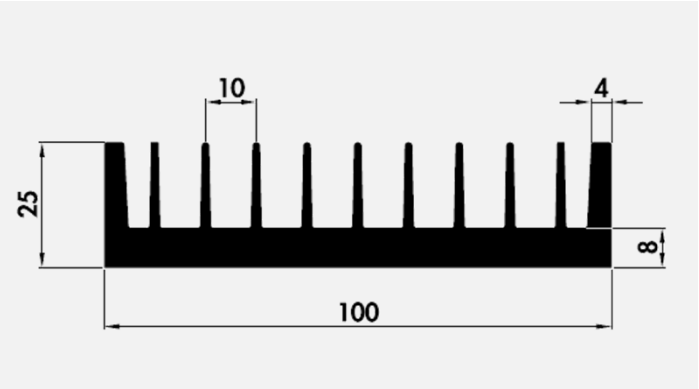
Rth N : 1,8 K/W
Rth F : 0,61 K/W
L: 100 mm
P: 2,16 kg/m

STDP18.21



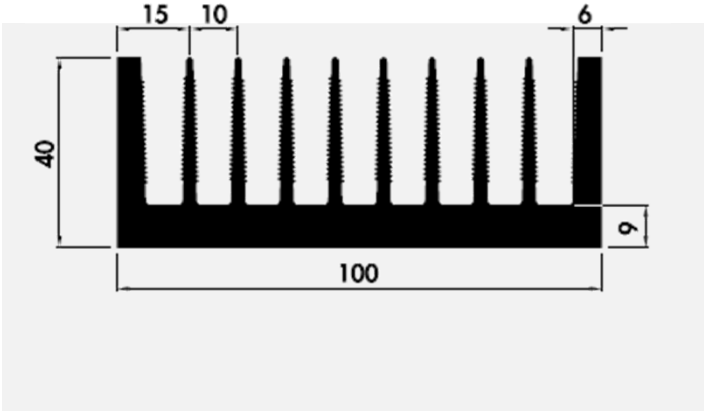
Rth N : 1,43 K/W
Rth F : 0,484 K/W
L: 100mm
P: 2,66 kg/m

STDP18.95



Rth N : 1,79 K/W
Rth F : 0,605 K/W
L: 100mm
P: 3,32 kg/m

STDP18.22



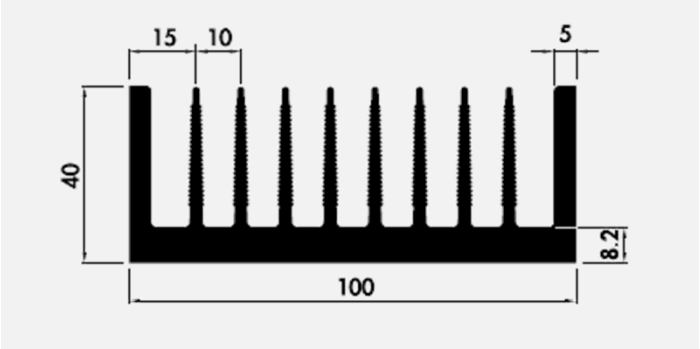
Rth N : 1,19 K/W
Rth F : 0,401 K/W
L: 100mm
P: 5,12 kg/m

Heat Sinks

SERIE P - Following

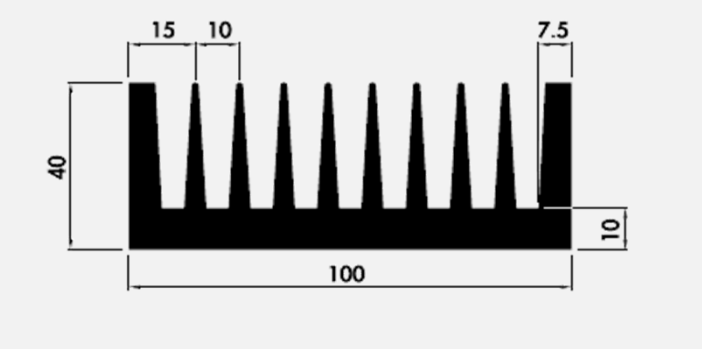
Extruded

STDP18.23



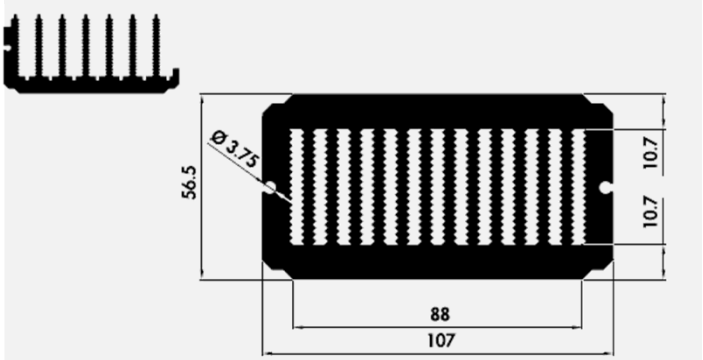
Rth N : 1,24 K/W
Rth F : 0,419 K/W
L: 100mm
P: 4,88 kg/m

STDP18.24



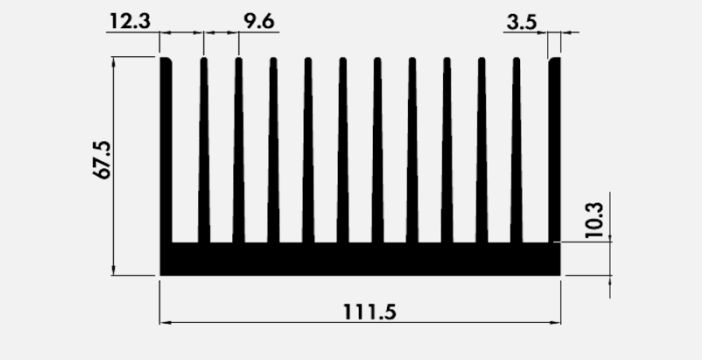
Rth N : 1,44 K/W
Rth F : 0,486 K/W
L: 100mm
P: 5,9 kg/m

STDP18.96



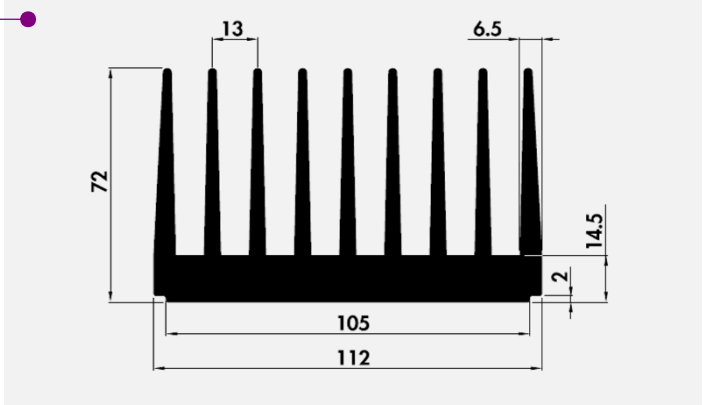
Rth N : 0,6 K/W
Rth F : 0,204 K/W
L: 150mm
P: 12 kg/m

STDP18.26



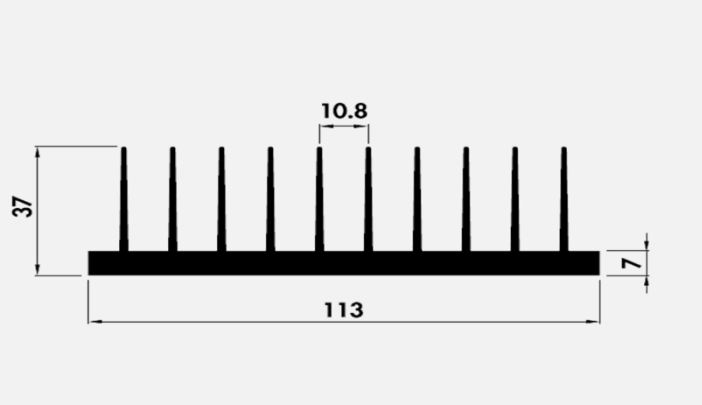
Rth N : 0,67 K/W
Rth F : 0,226 K/W
L: 150mm
P: 8,42 kg/m

STDP18.27



Rth N : 0,79 K/W
Rth F : 0,266 K/W
L: 150mm
P: 9,81 kg/m

STDP18.28



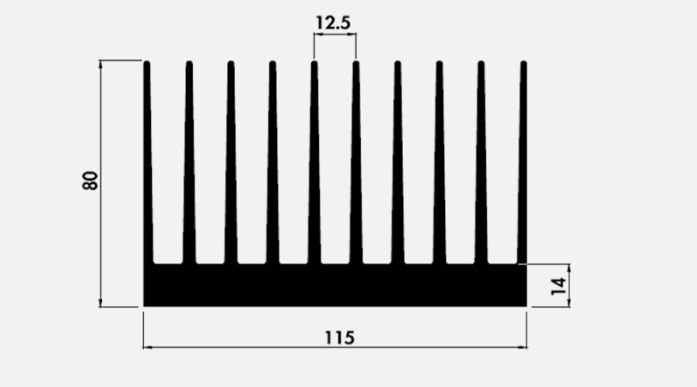
Rth N : 1,05 K/W
Rth F : 0,355 K/W
L: 150mm
P: 3,43 kg/m

Heat Sinks

SERIE P - Following

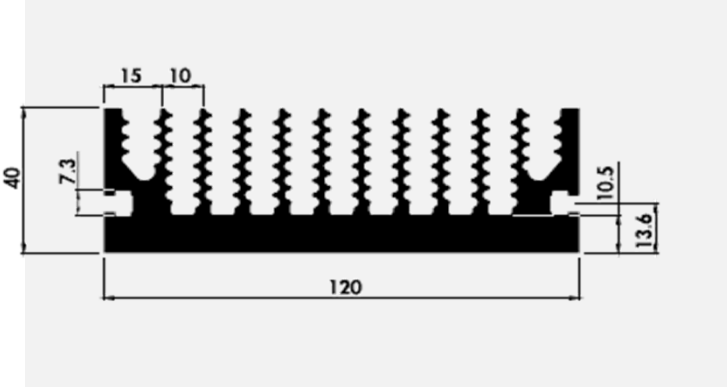
Extruded

STDP18.29



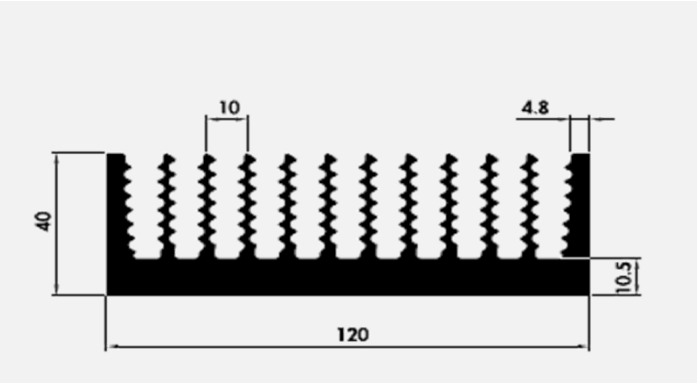
Rth N : 0,68 K/W
Rth F : 0,23 K/W
L: 150mm
P: 9,52 kg/m

STDP18.30



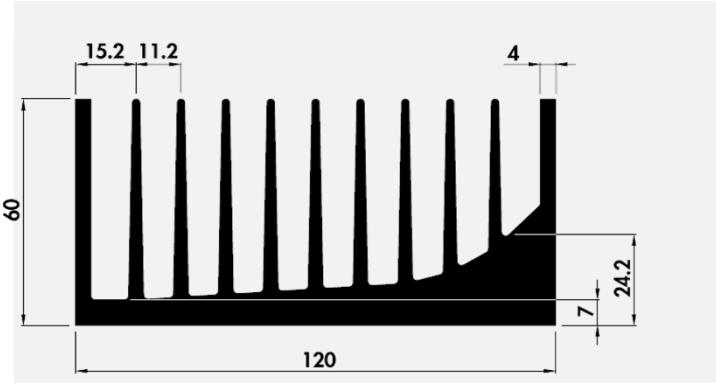
Rth N : 0,83 K/W
Rth F : 0,28 K/W
L: 150mm
P: 6,7 kg/m

STDP18.97



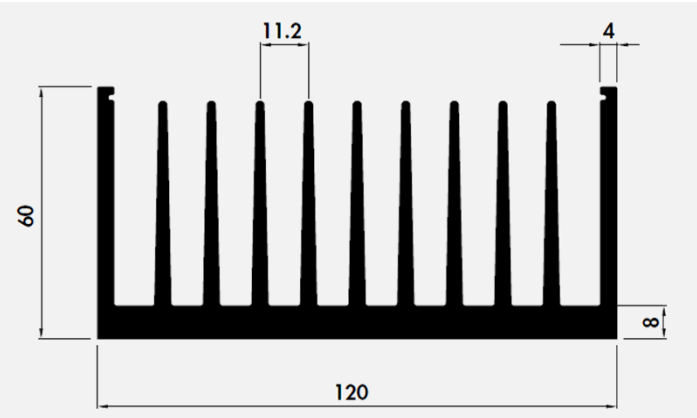
Rth N : 0,83 K/W
Rth F : 0,28 K/W
L: 150mm
P: 6,51 kg/m

STDP18.31



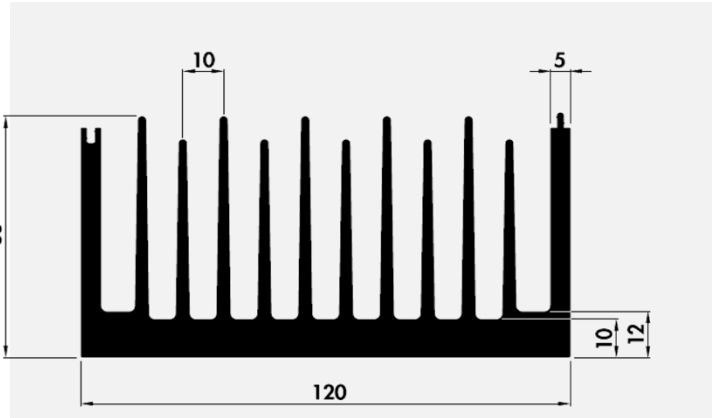
Rth N : 0,77 K/W
Rth F : 0,261 K/W
L: 150mm
P: 8,37 kg/m

STDP18.98



Rth N : 0,76 K/W
Rth F : 0,258 K/W
L: 150mm
P: 7,29 kg/m

STDP18.32



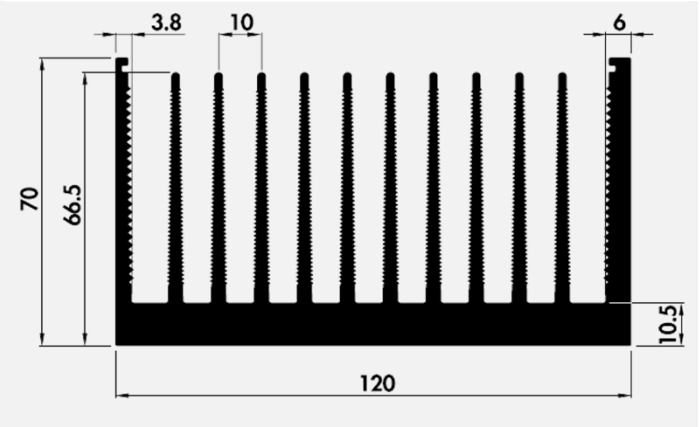
Rth N : 0,72 K/W
Rth F : 0,243 K/W
L: 150mm
P: 8,39 kg/m

Heat Sinks

SERIE P - Following

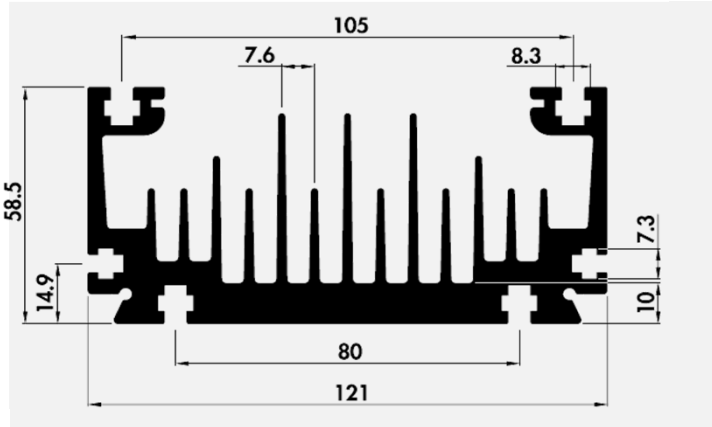
Extruded

STDP18.33



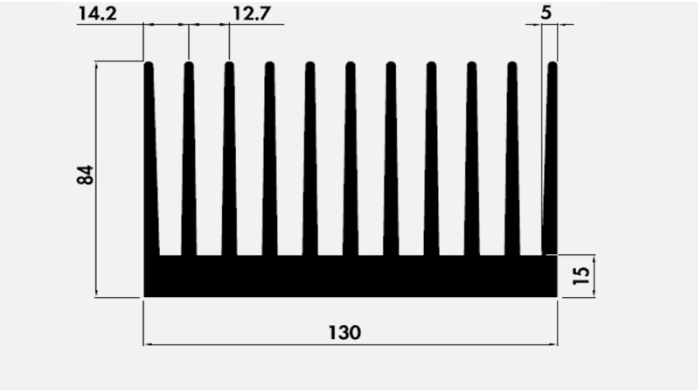
Rth N : 0,55 K/W
Rth F : 0,185 K/W
L: 150mm
P: 8,96 kg/m

STDP18.34



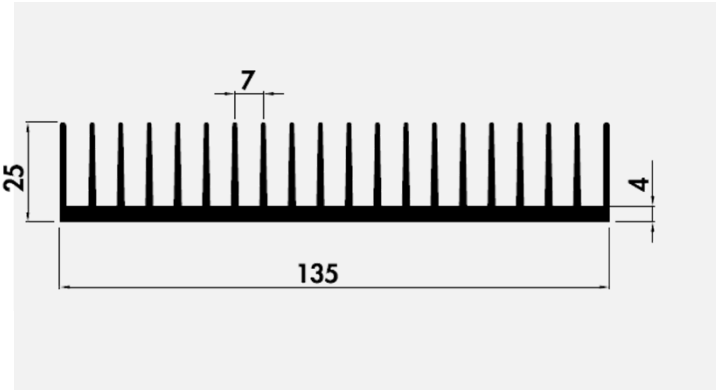
Rth N : 0,77 K/W
Rth F : 0,26 K/W
L: 150mm
P: 7,13 kg/m

STDP18.37



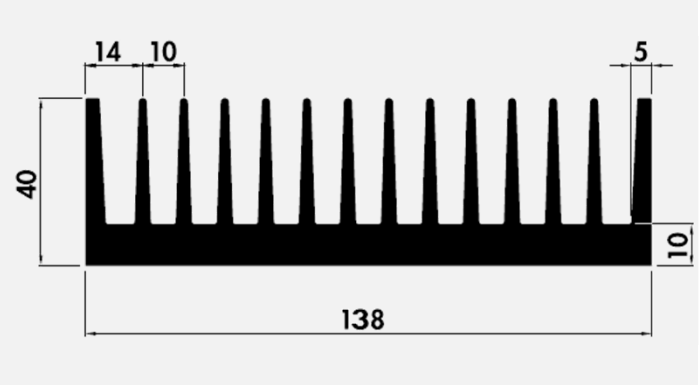
Rth N : 0,62 K/W
Rth F : 0,21 K/W
L: 150mm
P: 13,44 kg/m

STDP18.39



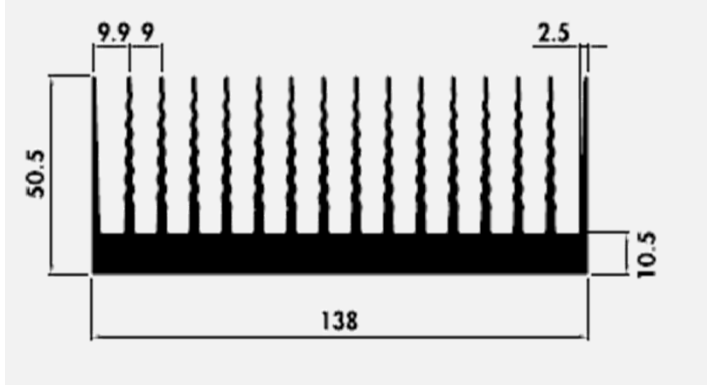
Rth N : 0,87 K/W
Rth F : 0,293 K/W
L: 150mm
P: 3,25 kg/m

STDP18.40



Rth N : 0,88 K/W
Rth F : 0,299 K/W
L: 150mm
P: 7,29 kg/m

STDP18.99



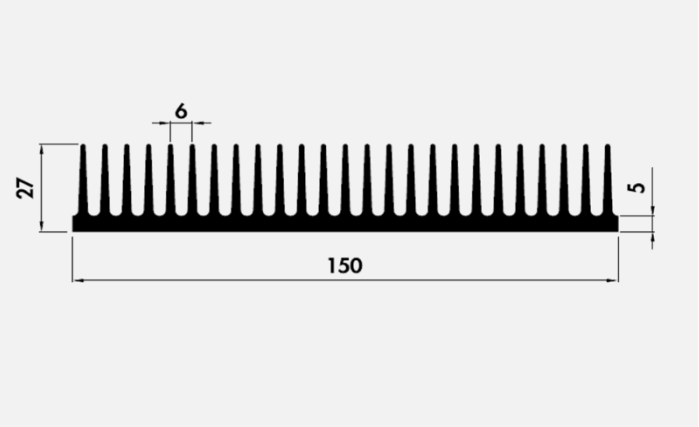
Rth N : 0,67 K/W
Rth F : 0,228 K/W
L: 150mm
P: 7,55 kg/m

Heat Sinks

SERIE P - Following

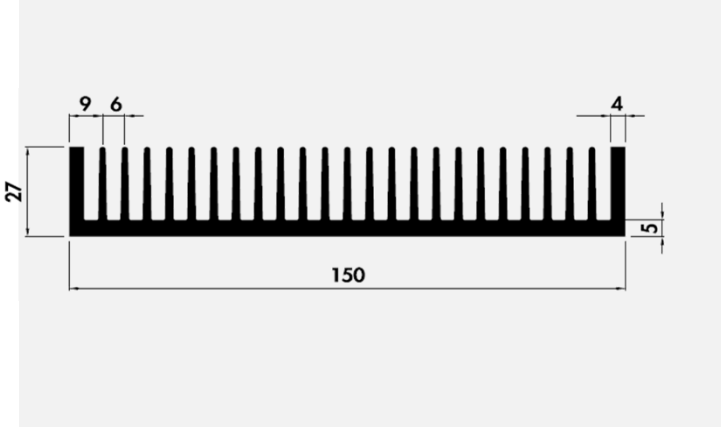
Extruded

STDP18.43



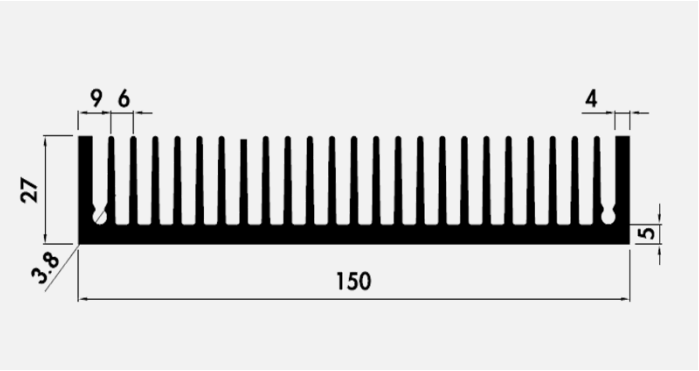
Rth N : 0,76 K/W
Rth F : 0,256 K/W
L: 150mm
P: 5,17 kg/m

STDP18.44



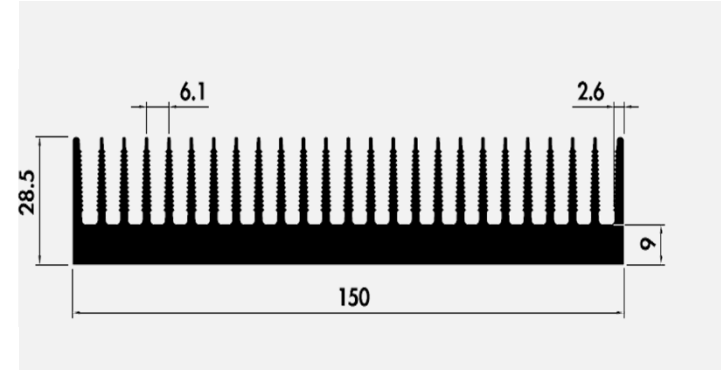
Rth N : 0,74 K/W
Rth F : 0,251 K/W
L: 150mm
P: 5,27 kg/m

STDP18.100



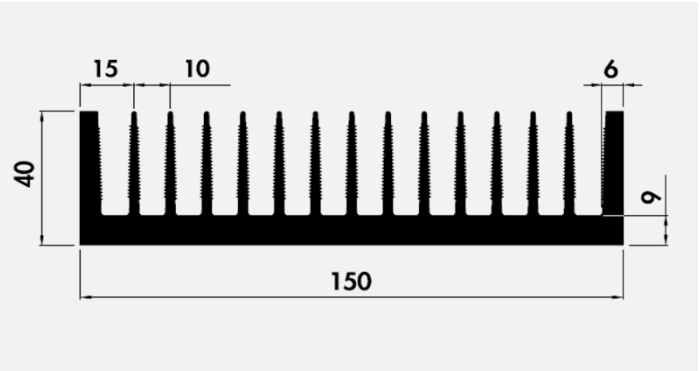
Rth N : 0,74 K/W
Rth F : 0,251 K/W
L: 150mm
P: 5,29 kg/m

STDP18.101



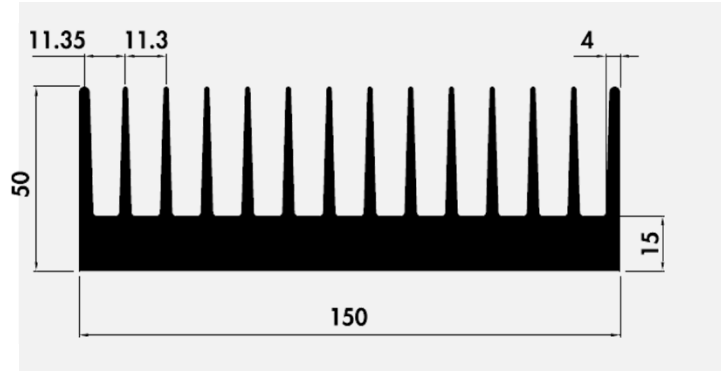
Rth N : 0,66 K/W
Rth F : 0,223 K/W
L: 150mm
P: 6,29 kg/m

STDP18.45



Rth N : 0,68 K/W
Rth F : 0,299 K/W
L: 150mm
P: 7,42 kg/m

STDP18.102



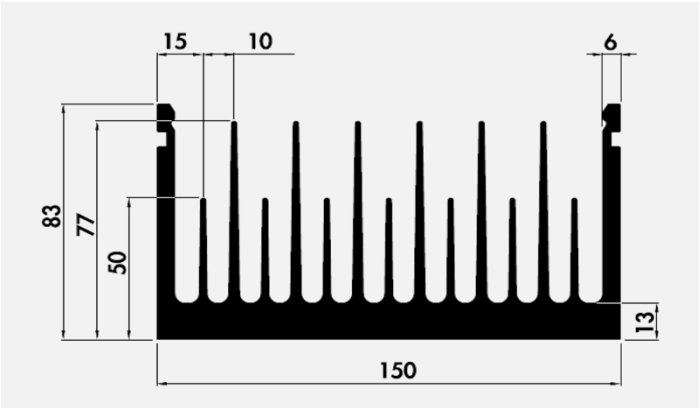
Rth N : 0,78 K/W
Rth F : 0,265 K/W
L: 150mm
P: 9,58 kg/m

Heat sinks

SERIE P - Following

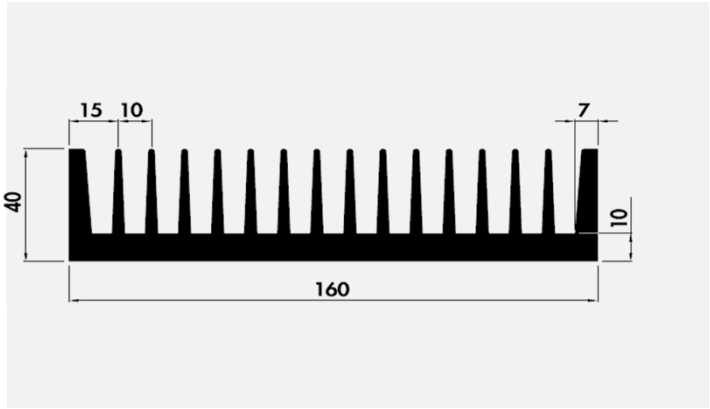
Extruded

STDP18.46



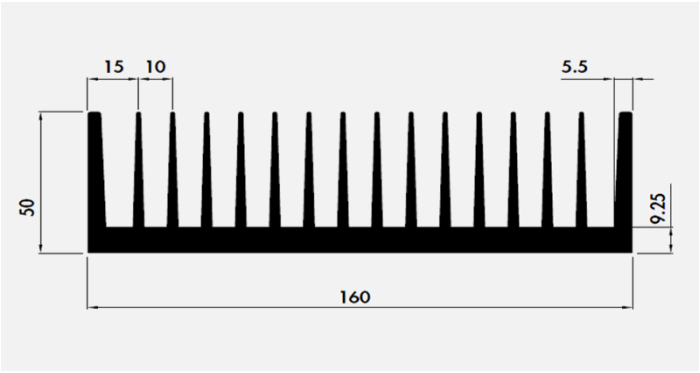
Rth N : 0,61 K/W
Rth F : 0,205 K/W
L: 150mm
P: 12,33 kg/m

STDP18.48



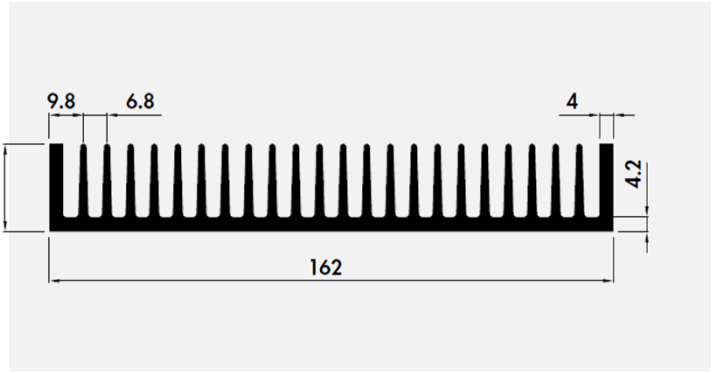
Rth N : 0,64 K/W
Rth F : 0,218 K/W
L: 200mm
P: 8,64 kg/m

STDP18.103



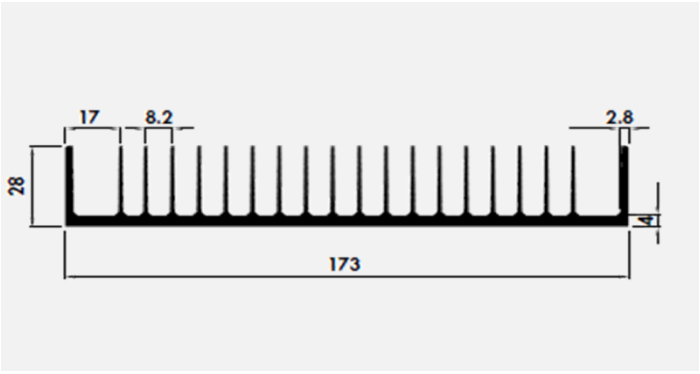
Rth N : 0,55 K/W
Rth F : 0,184 K/W
L: 200mm
P: 8,86 kg/m

STDP18.104



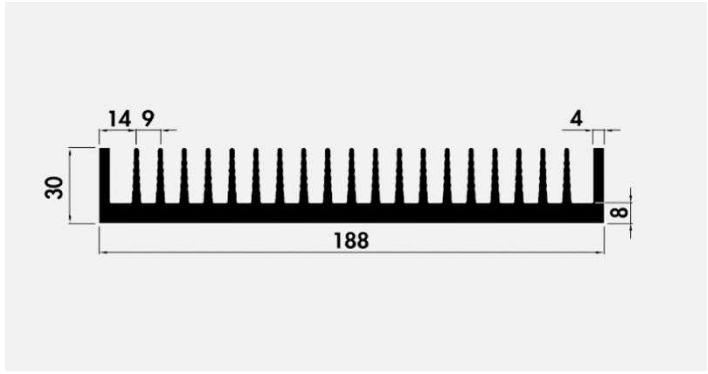
Rth N : 0,64 K/W
Rth F : 0,216 K/W
L: 200mm
P: 5,23 kg/m

STDP18.50



Rth N : 0,44 K/W
Rth F : 0,148 K/W
L: 200mm
P: 4,22 kg/m

STDP18.51



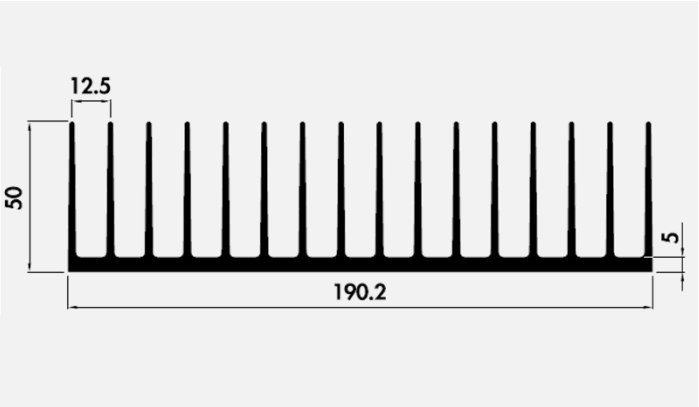
Rth N : 0,64 K/W
Rth F : 0,216 K/W
L: 200mm
P: 7,36 kg/m

Heat sinks

SERIE P - Following

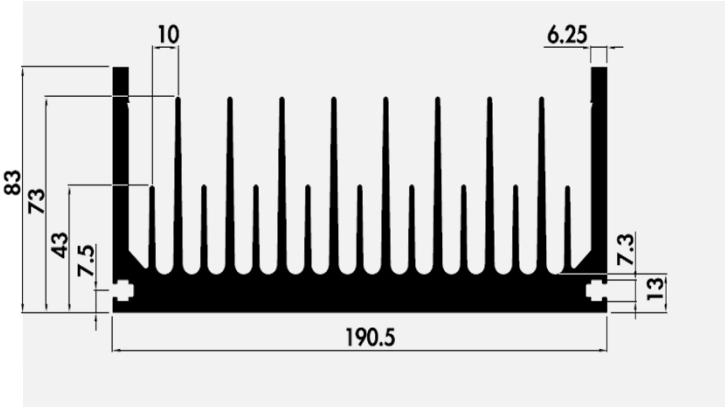
Extruded

STDP18.53



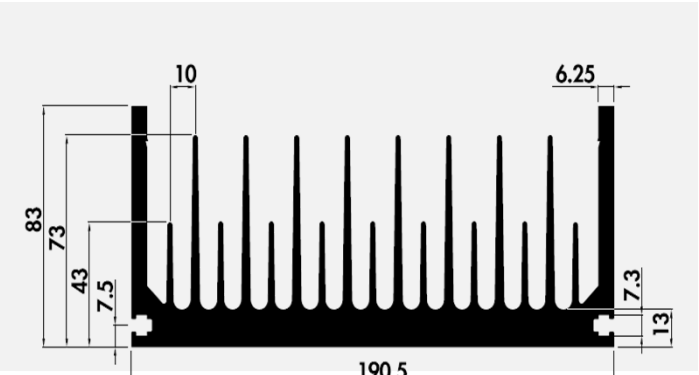
Rth N : 0,51 K/W
Rth F : 0,171 K/W
L: 200mm
P: 6,87 kg/m

STDP18.54



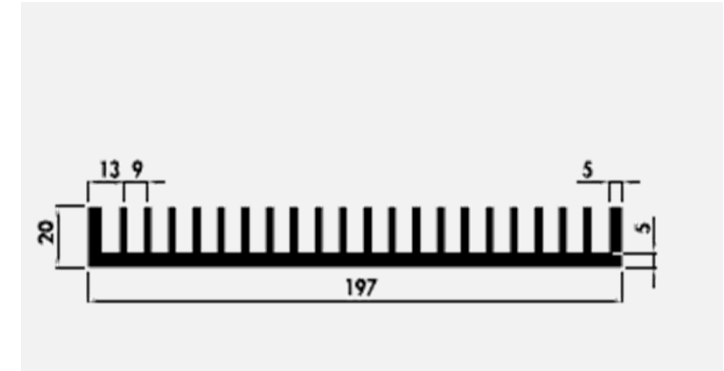
Rth N : 0,43 K/W
Rth F : 0,146 K/W
L: 200mm
P: 14,83 kg/m

STDP18.55



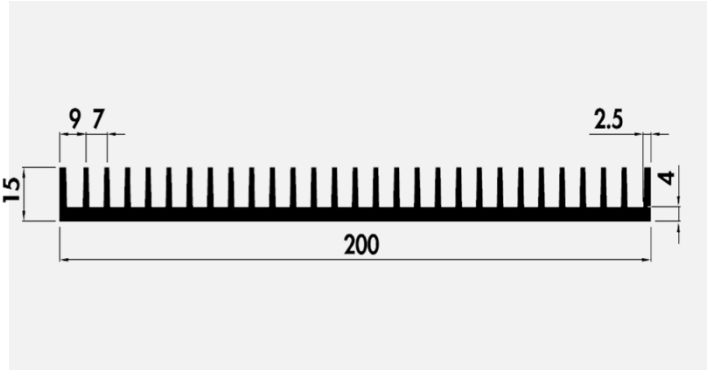
Rth N : 0,45 K/W
Rth F : 0,146 K/W
L: 200mm
P: 14,75 kg/m

STDP18.56



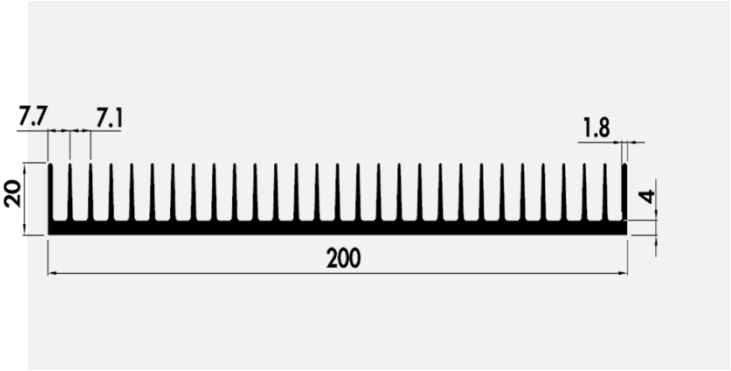
Rth N : 0,72 K/W
Rth F : 0,244 K/W
L: 200mm
P: 5,5 kg/m

STDP18.57



Rth N : 0,74 K/W
Rth F : 0,25 K/W
L: 200mm
P: 3,9 kg/m

STDP18.58



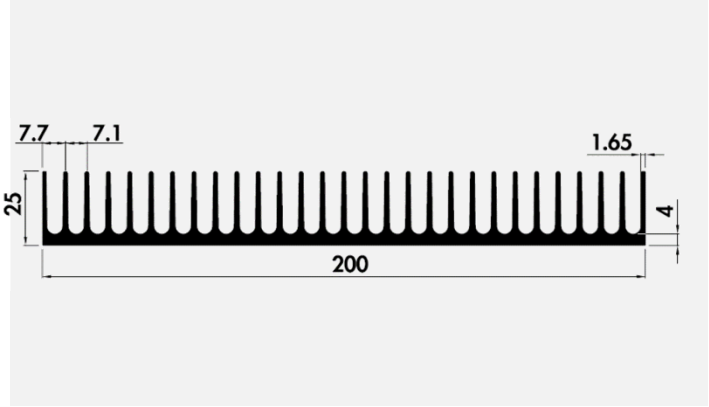
Rth N : 0,64 K/W
Rth F : 0,216 K/W
L: 200mm
P: 4,07 kg/m

Heat Sinks

SERIE P - Following

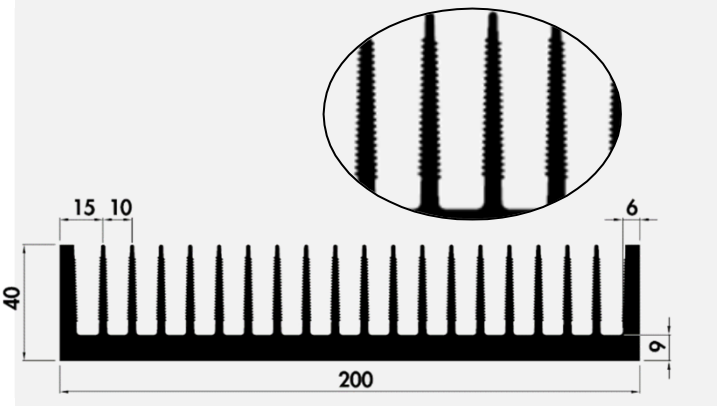
Extruded

STDP18.59



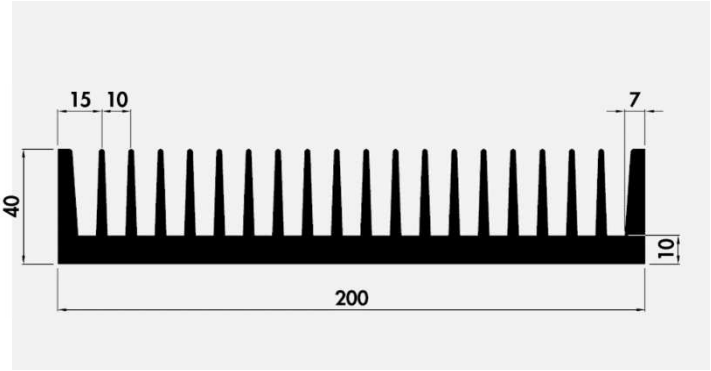
Rth N : 0,56 K/W
Rth F : 0,19 K/W
L: 200mm
P: 5,38 kg/m

STDP18.60



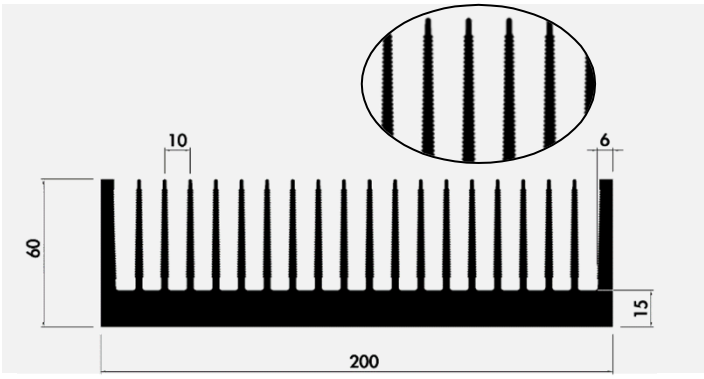
Rth N : 0,46 K/W
Rth F : 0,154 K/W
L: 200mm
P: 9,72 kg/m

STDP18.105



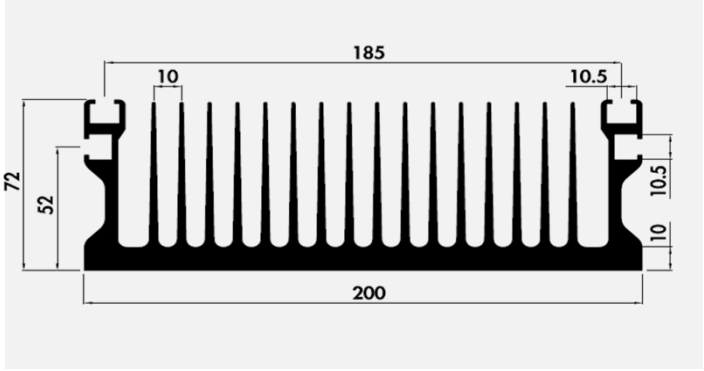
Rth N : 0,55 K/W
Rth F : 0,187 K/W
L: 200mm
P: 10,67 kg/m

STDP18.106



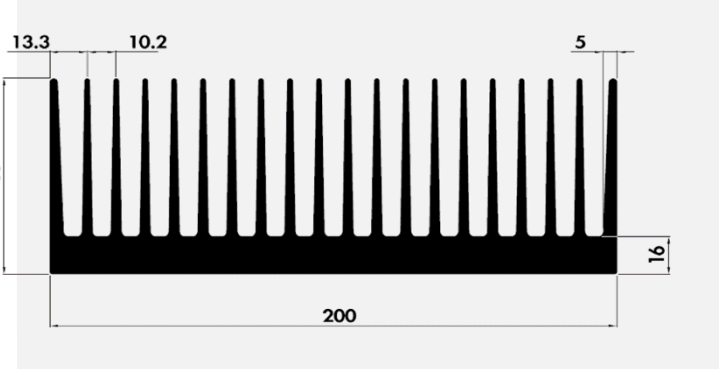
Rth N : 0,36 K/W
Rth F : 0,121 K/W
L: 200mm
P: 15,16 kg/m

STDP18.61



Rth N : 0,38 K/W
Rth F : 0,13 K/W
L: 200mm
P: 14,53 kg/m

STDP18.62



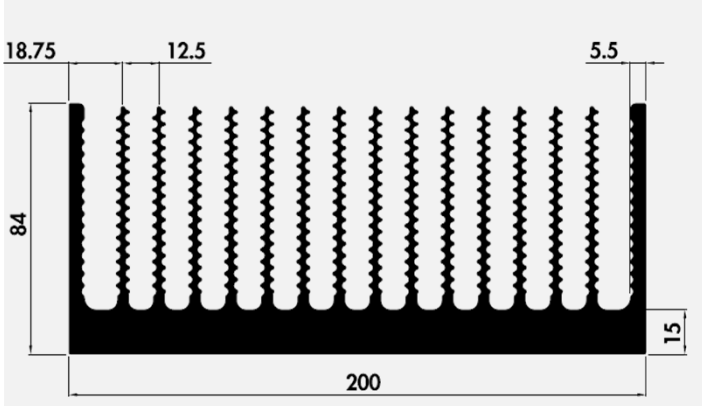
Rth N : 0,35 K/W
Rth F : 0,119 K/W
L: 200mm
P:19,9 kg/m

Heat Sinks

SERIE P - Following

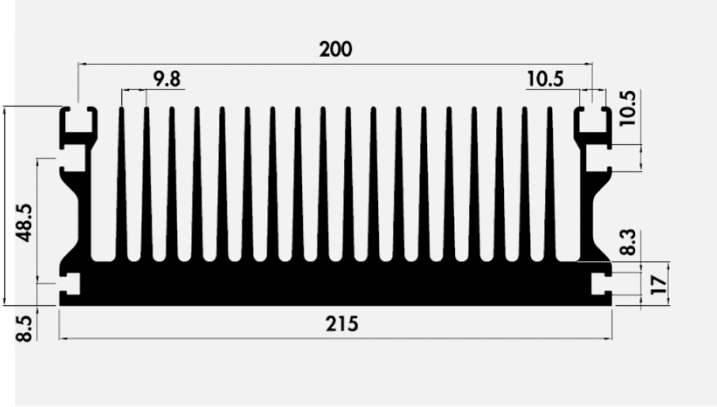
Extruded

STDP18.63



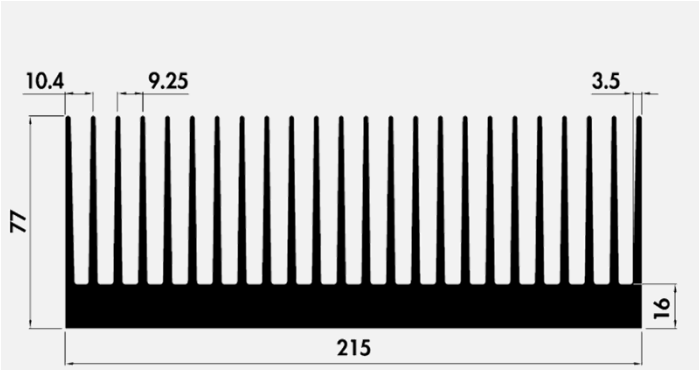
Rth N : 0,34 K/W
Rth F : 0,113 K/W
L: 200mm
P: 17,74 kg/m

STDP18.65



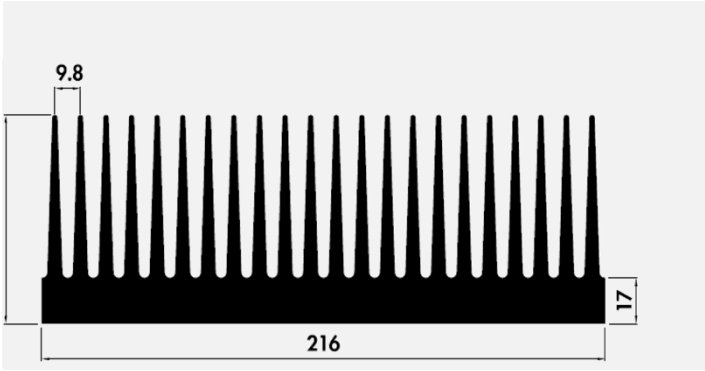
Rth N : 0,31 K/W
Rth F : 0,104 K/W
L: 250mm
P: 22,15 kg/m

STDP18.66



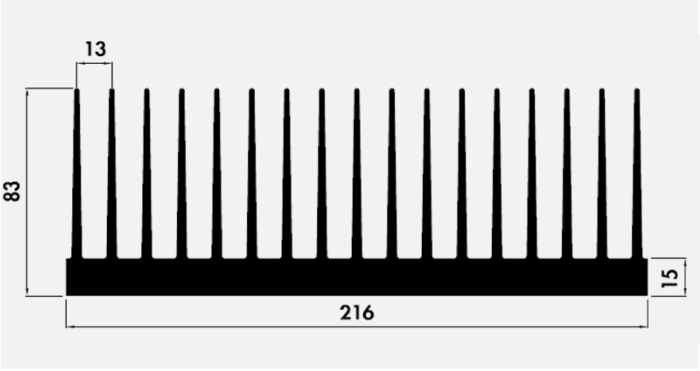
Rth N : 0,28 K/W
Rth F : 0,096 K/W
L: 250mm
P: 19,8 kg/m

STDP18.67



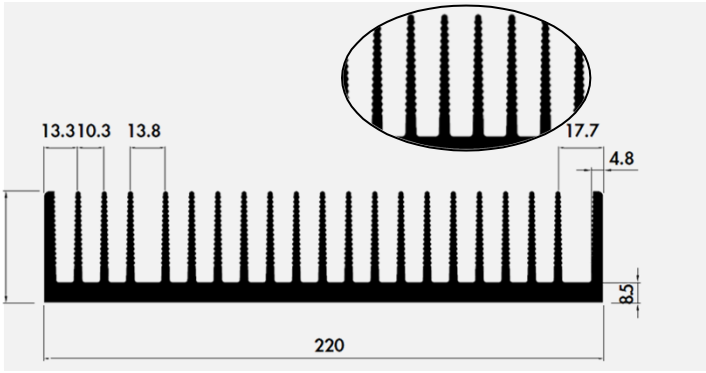
Rth N : 0,31 K/W
Rth F : 0,103 K/W
L: 250mm
P: 24 kg/m

STDP18.68



Rth N : 0,32 K/W
Rth F : 0,11 K/W
L: 250 mm
P: 18,07 kg/m

STDP18.107



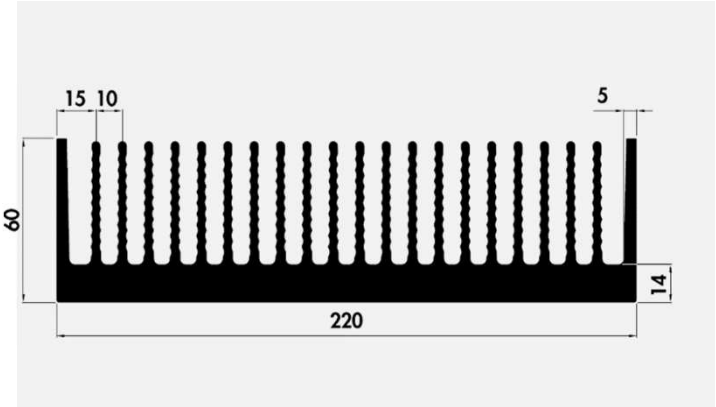
Rth N : 0,39 K/W
Rth F : 0,13 K/W
L: 250mm
P: 11,27 kg/m

Heat sinks

SERIE P - Following

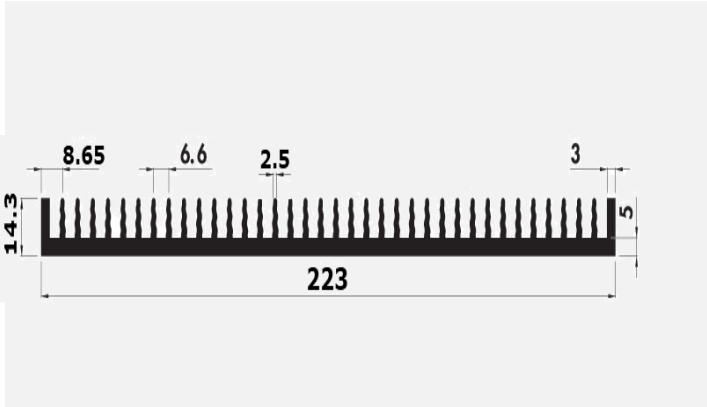
Extruded

STDP18.108



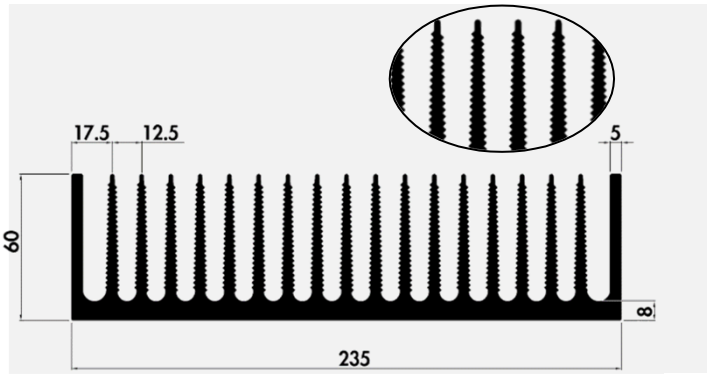
Rth N : 0,35 K/W
Rth F : 0,118 K/W
L: 250mm
P: 17,27 kg/m

STDP18.70



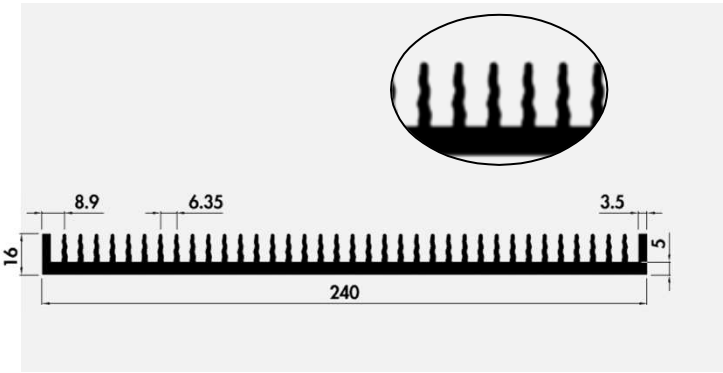
Rth N : 0.82 K/W
Rth F : 0,125K/W
L: 150mm
P: 5.14 kg/m

STDP18.109



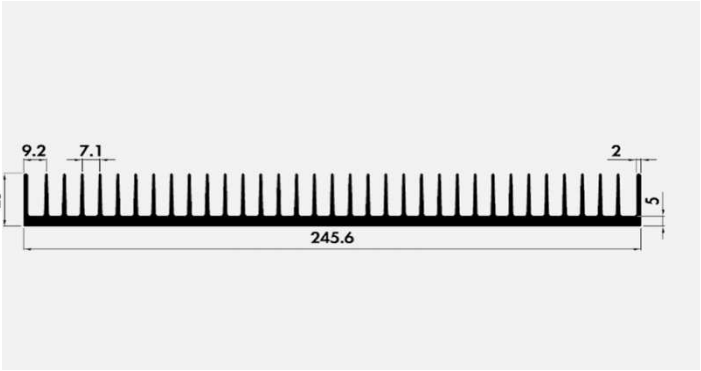
Rth N : 0,29 K/W
Rth F : 0,098 K/W
L: 250mm
P: 14,76 kg/m

STDP18.71



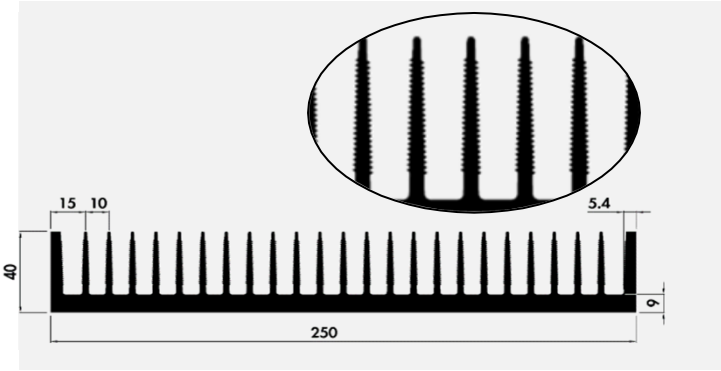
Rth N : 0,54 K/W
Rth F : 0,184 K/W
L: 250mm
P: 5,57 kg/m

STDP18.72



Rth N : 0,43 K/W
Rth F : 0,144 K/W
L: 250 mm
P: 6,39 kg/m

STDP18.73



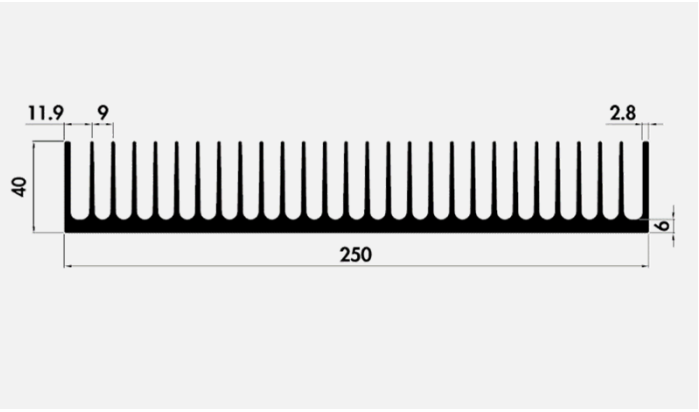
Rth N : 0,33 K/W
Rth F : 0,113 K/W
L: 250mm
P: 11,94 kg/m

Heat Sinks

SERIE P - Following

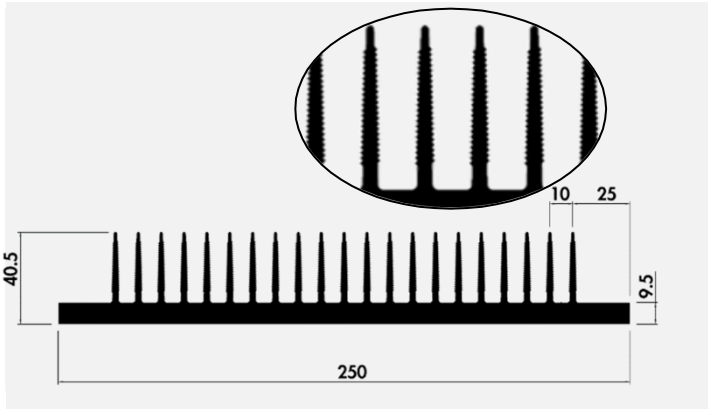
Extruded

STDP18.74



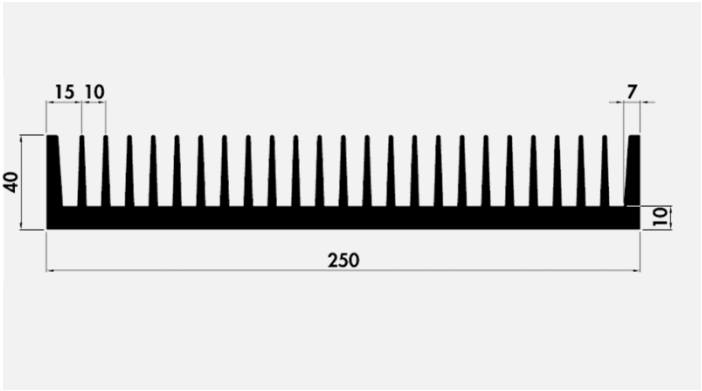
Rth N : 0,36 K/W
Rth F : 0,123 K/W
L: 250mm
P: 9,66 kg/m

STDP18.110



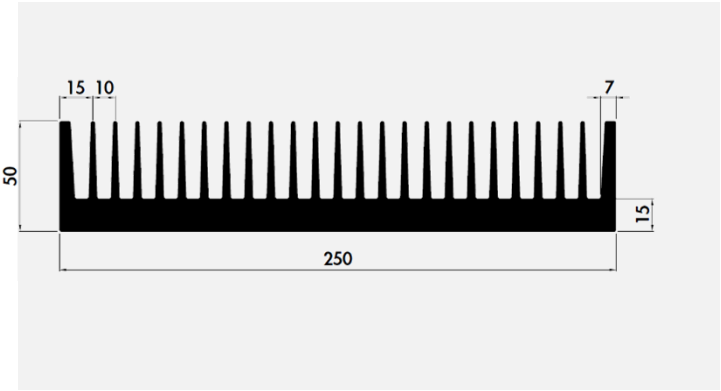
Rth N : 0,37 K/W
Rth F : 0,124 K/W
L: 250mm
P: 10,97 kg/m

STDP18.111



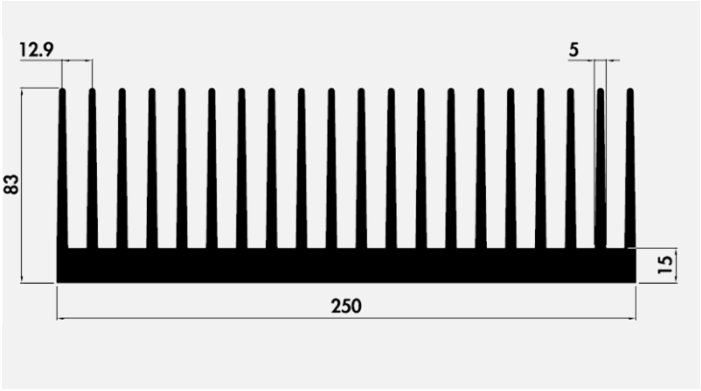
Rth N : 0,41 K/W
Rth F : 0,136 K/W
L: 250mm
P: 13,22 kg/m

STDP18.112



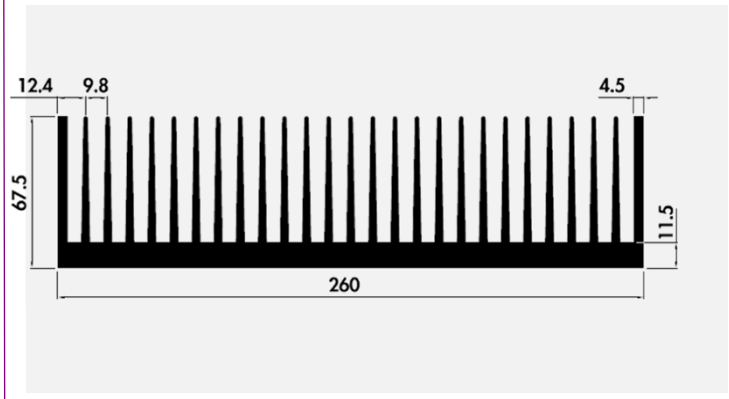
Rth N : 0,38 K/W
Rth F : 0,127 K/W
L: 250mm
P: 17,7 kg/m

STDP18.75



Rth N : 0,29 K/W
Rth F : 0,098 K/W
L: 250 mm
P: 24,68 kg/m

STDP18.76



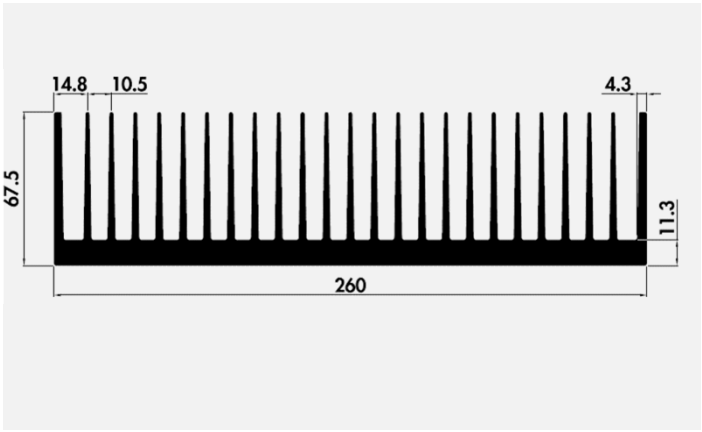
Rth N : 0,24 K/W
Rth F : 0,081 K/W
L: 300mm
P: 20,68 kg/m

Heat Sinks

SERIE P - Following

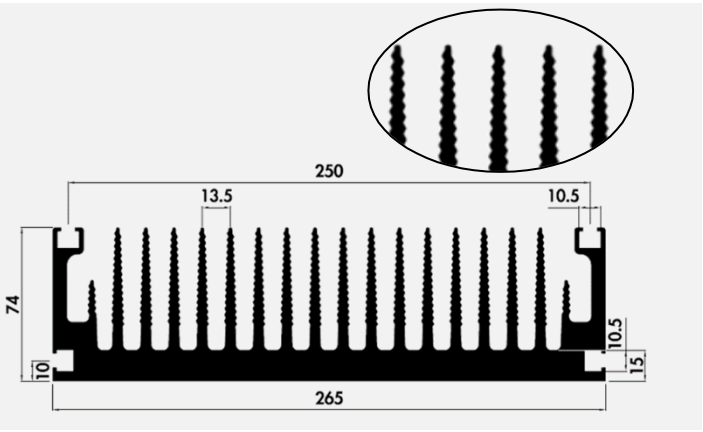
Extruded

STDP18.77



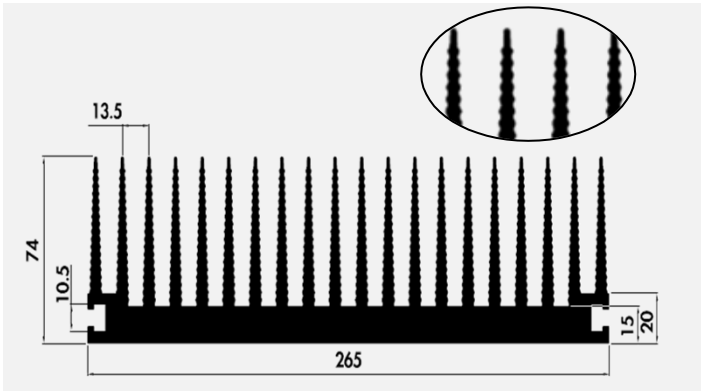
Rth N : 0,25 K/W
Rth F : 0,085 K/W
L: 300mm
P: 18,18 kg/m

STDP18.78



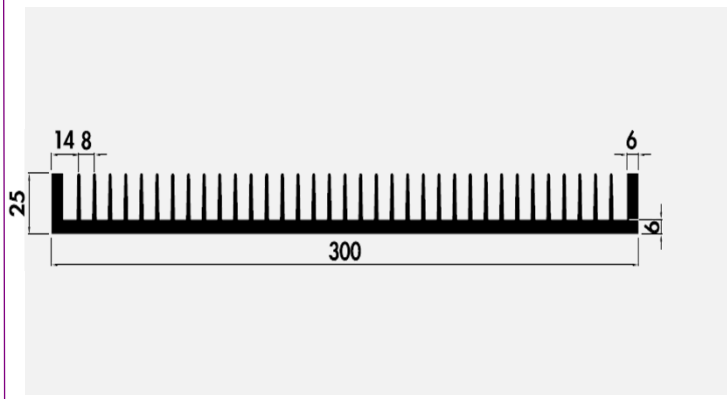
Rth N : 0,27 K/W
Rth F : 0,091 K/W
L: 300mm
P: 24,92 kg/m

STDP18.79



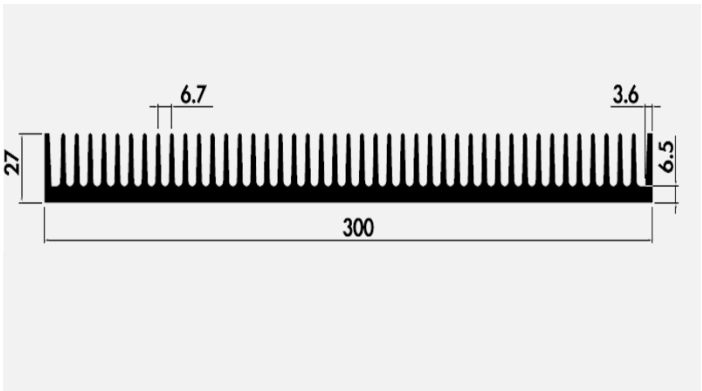
Rth N : 0,29 K/W
Rth F : 0,09 K/W
L: 300mm
P: 24,13 kg/m

STDP18.82



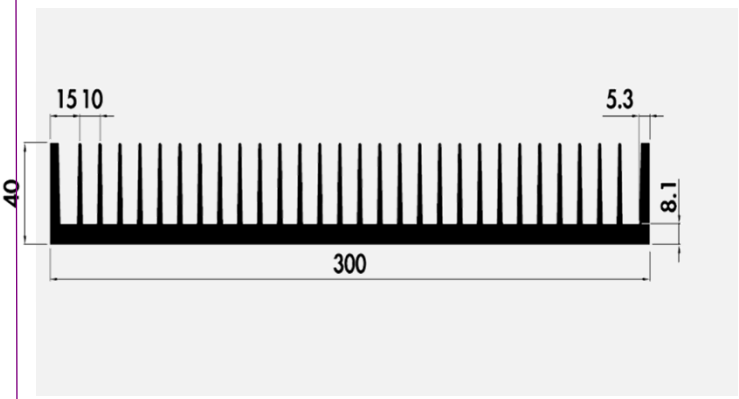
Rth N : 0,36 K/W
Rth F : 0,121 K/W
L: 300mm
P: 9,01 kg/m

STDP18.113



Rth N : 0,32 K/W
Rth F : 0,108 K/W
L: 300 mm
P: 11,9 kg/m

STDP18.83



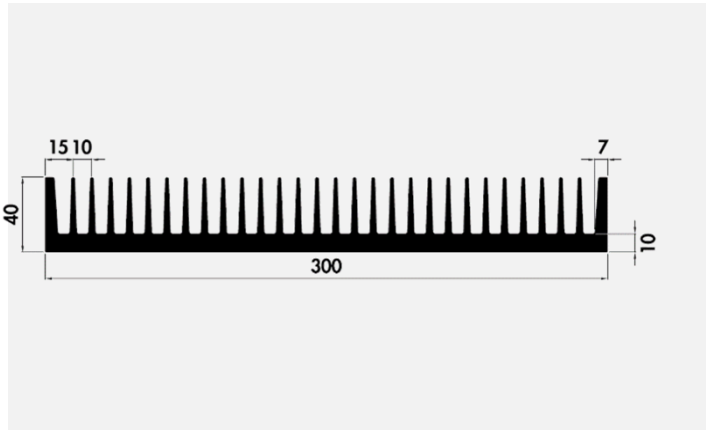
Rth N : 0,3 K/W
Rth F : 0,103 K/W
L: 300mm
P: 13,02 kg/m

Heat Sinks

SERIE P - Following

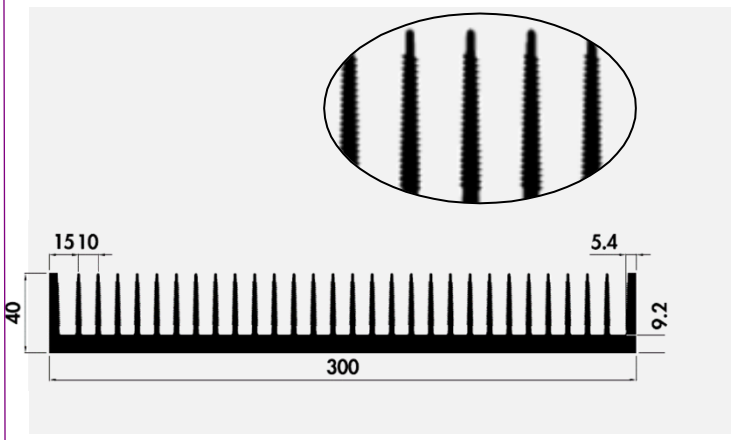
Extruded

STDP18.84



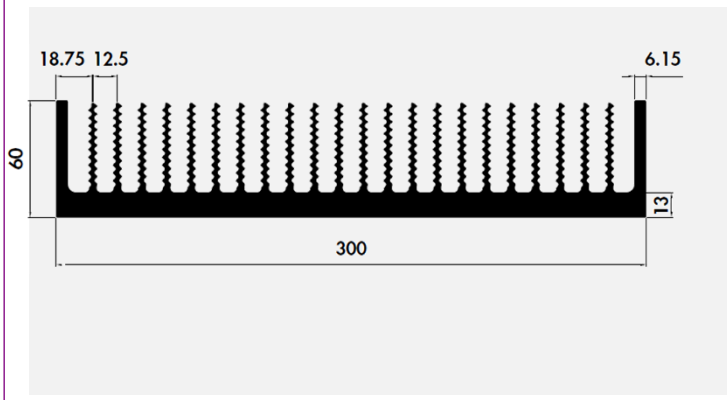
Rth N : 0,32 K/W
Rth F : 0,108 K/W
L: 300mm
P: 15,8 kg/m

STDP18.85



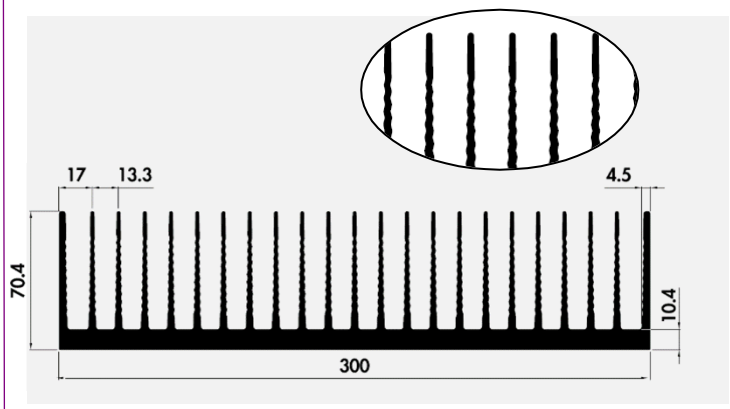
Rth N : 0,26 K/W
Rth F : 0,088 K/W
L: 300mm
P: 14,35 kg/m

STDP18.114



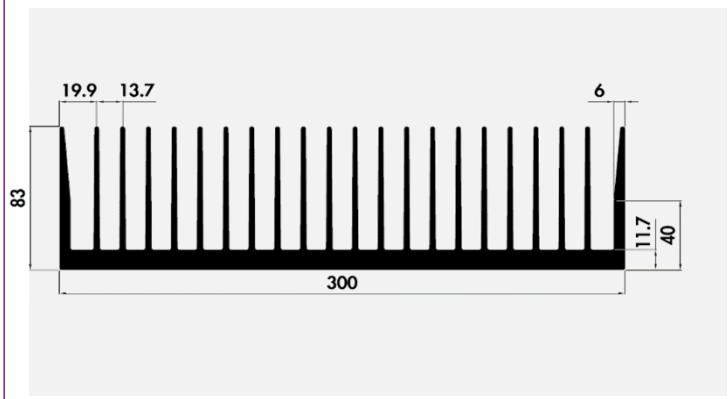
Rth N : 0,25 K/W
Rth F : 0,083 K/W
L: 300mm
P: 20,53 kg/m

STDP18.86



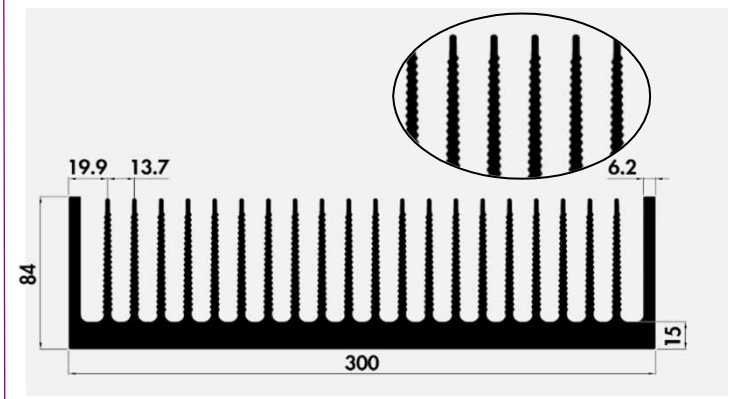
Rth N : 0,25 K/W
Rth F : 0,084 K/W
L: 300mm
P: 18,77 kg/m

STDP18.87



Rth N : 0,23 K/W
Rth F : 0,078 K/W
L: 300 mm
P: 23,07 kg/m

STDP18.88



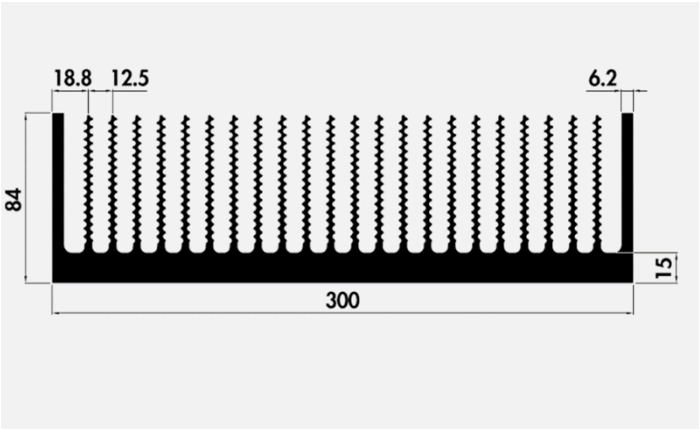
Rth N : 0,023 K/W
Rth F : 0,078 K/W
L: 300mm
P: 28,44 kg/m

Heat sinks

SERIE P - Following

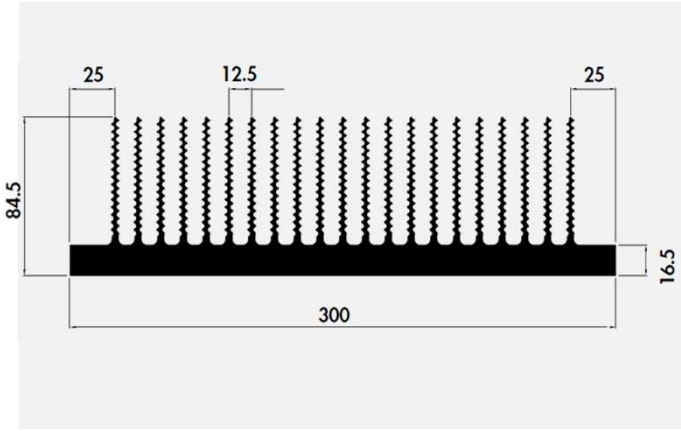
Extruded

STDP18.89



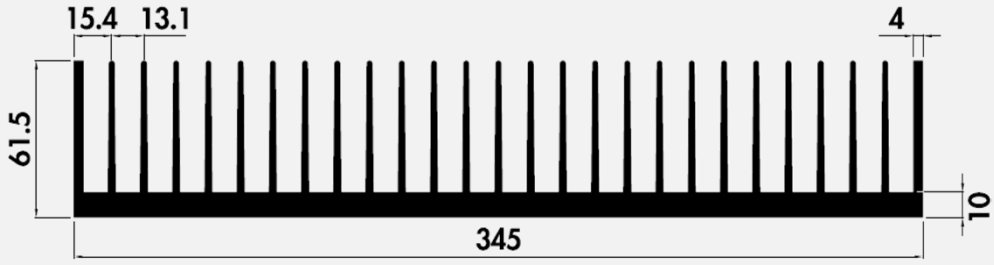
Rth N : 0,19 K/W
Rth F : 0,065 K/W
L: 300mm
P: 26,64 kg/m

STDP18.115



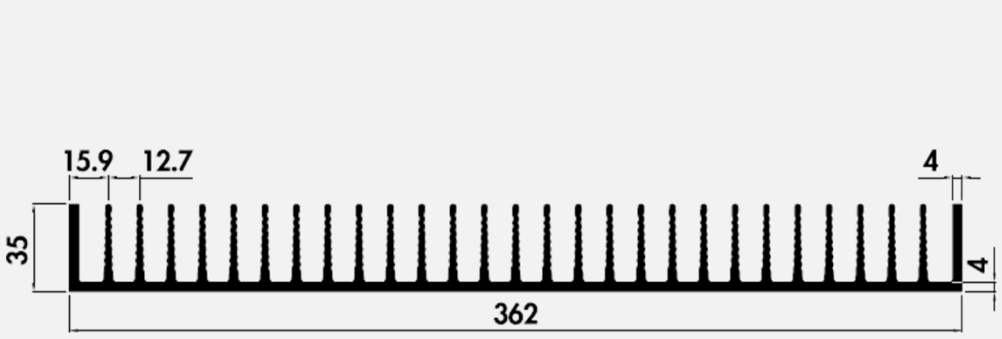
Rth N : 0,2 K/W
Rth F : 0,069 K/W
L: 300mm
P: 24,99 kg/m

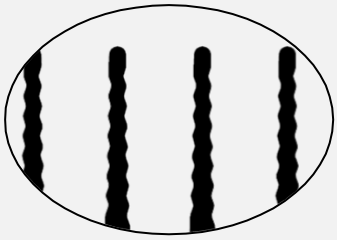
STDP18.90



Rth N : 0,2 K/W
Rth F : 0,067 K/W
L: 400mm
P: 20,07 kg/m

STDP18.91





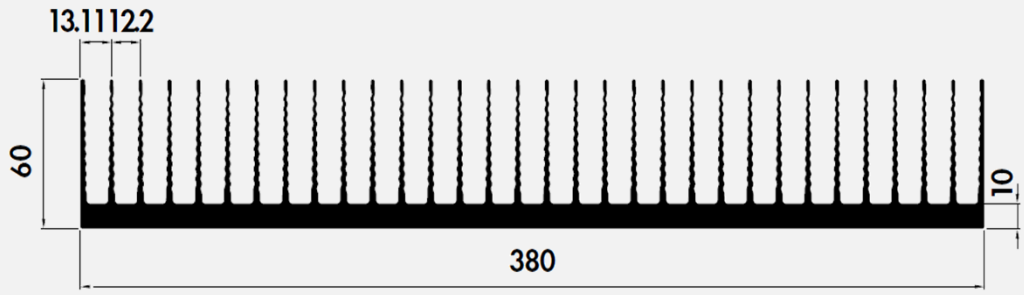
Rth N : 0,25 K/W
Rth F : 0,085 K/W
L: 400mm
P: 11,13 kg/m

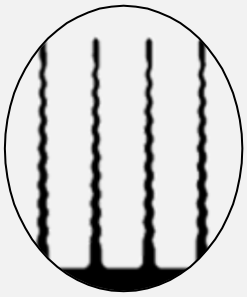
Heat sinks

SERIE P - Following

Extruded

STDP18.116

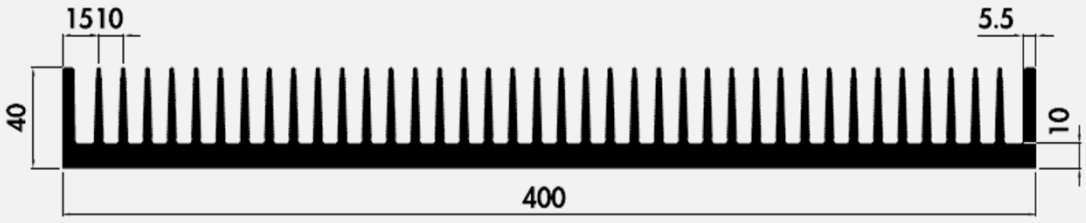


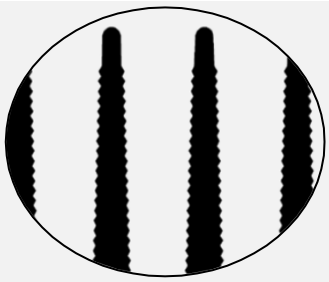


Rth N : 0,18 K/W
Rth F : 0,061 K/W

L: 400 mm
P: 18,35 kg/m

STDP18.92

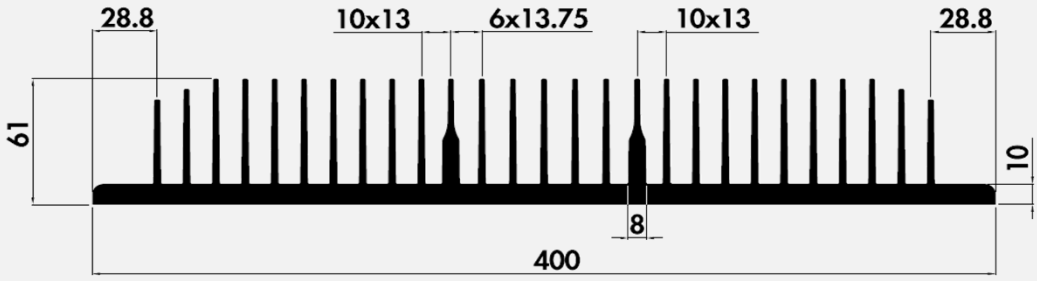




Rth N : 0,2 K/W
Rth F : 0,069 K/W

L: 400mm
P: 21,44 kg/m

STDP18.93



Rth N : 0,2 K/W
Rth F : 0,067 K/W

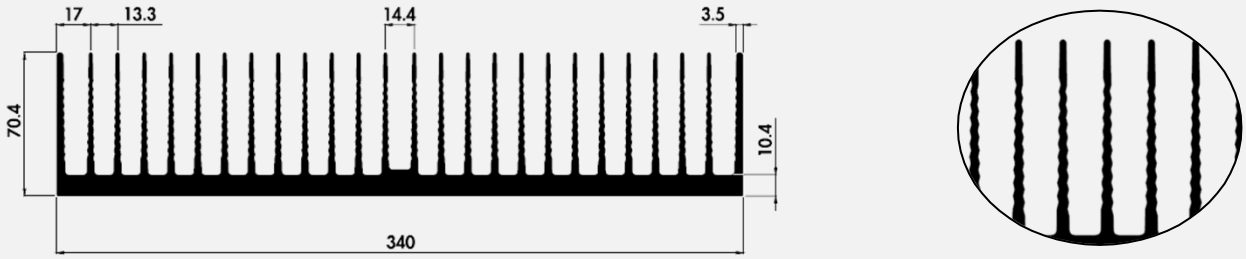
L: 400mm
P: 22,35 kg/m

Heat sinks

SERIE W - Following

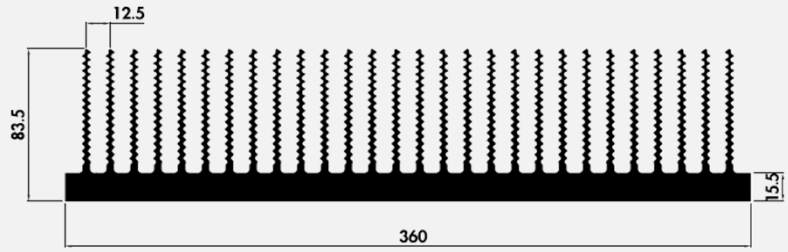
Welded

STDW18.01



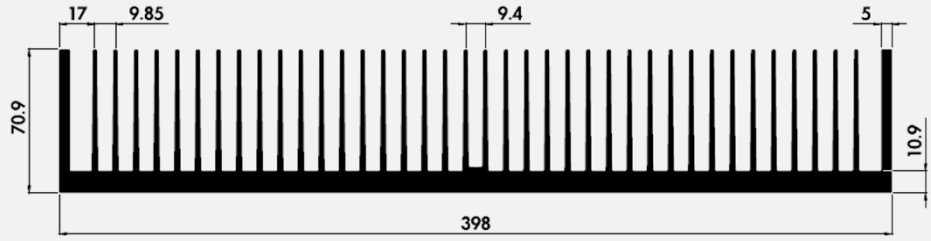
Rth N : 0,19 K/W Rth F : 0,063 K/W P: 21,29 kg/m L: 400mm

STDW18.24



Rth N : 0,14 K/W Rth F : 0,047 K/W P: 30,4 kg/m L: 400mm

STDW18.02



Rth N : 0,14 K/W Rth F : 0,049 K/W P: 28,7 kg/m L: 400 mm

STDW18.03

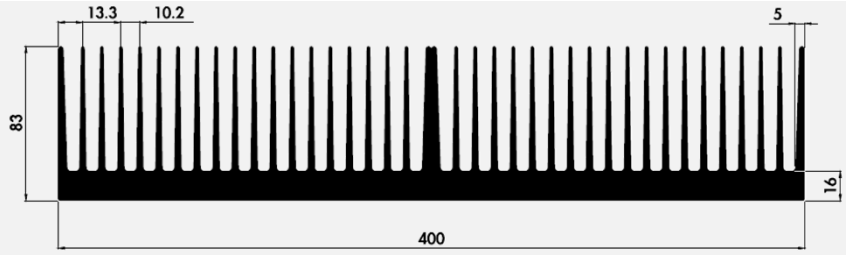
Rth N : 0,14 K/W Rth F : 0,046 K/W P: 30,32 kg/m L: 400 mm

Heat Sinks

SERIE W - Following

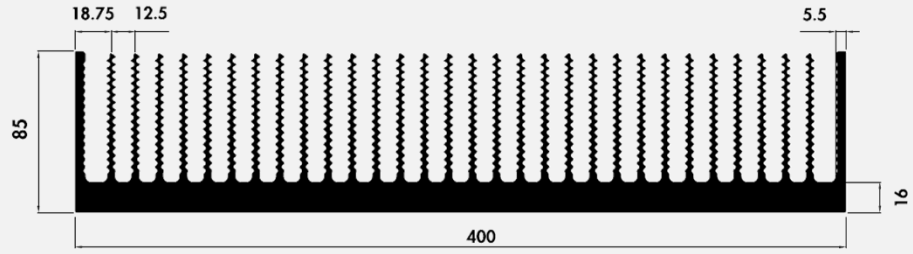
Welded

STDW18.04



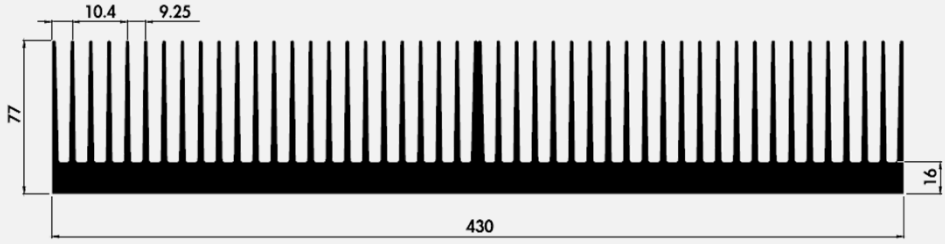
Rth N : 0,14 K/W Rth F : 0,047 K/W P: 39,75 kg/m L: 400mm

STDW18.05



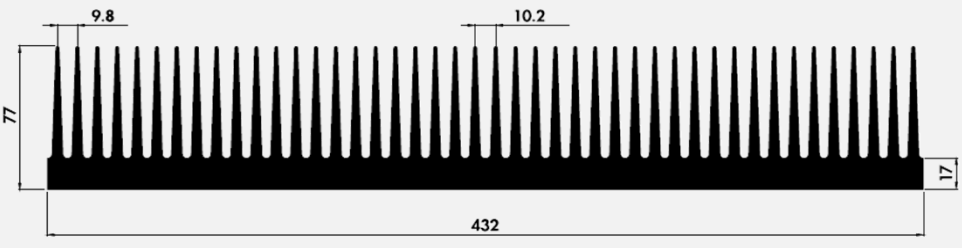
Rth N : 0,13 K/W Rth F : 0,043 K/W P: 35,76 kg/m L: 400mm

STDW18.06



Rth N : 0,12 K/W Rth F : 0,04 K/W P: 39,6 kg/m L: 450 mm

STDW18.07



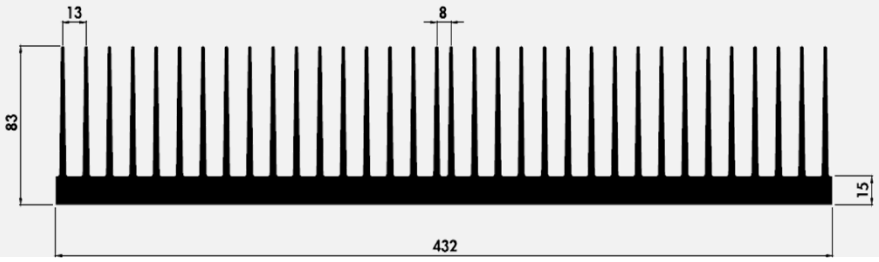
Rth N : 0,13 K/W Rth F : 0,043 K/W P: 48 kg/m L: 450 mm

Heat Sinks

SERIE W - Following

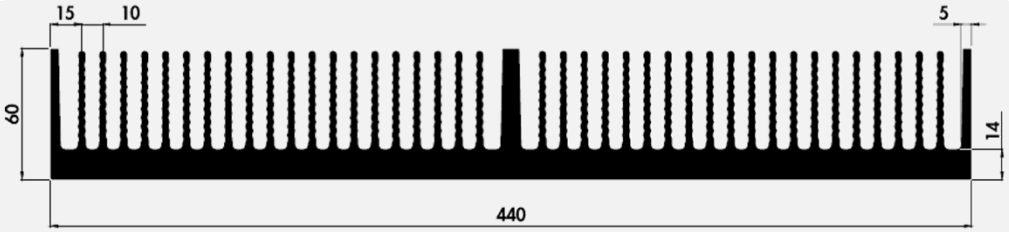
Welded

STDW18.08



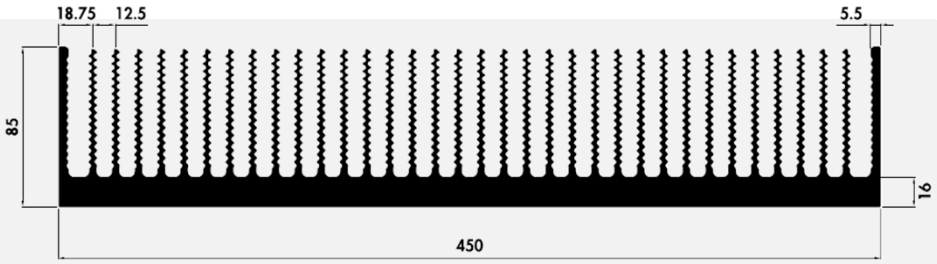
Rth N : 0,13 K/W Rth F : 0,046 K/W P: 36,13 kg/m L: 450mm

STDW18.09



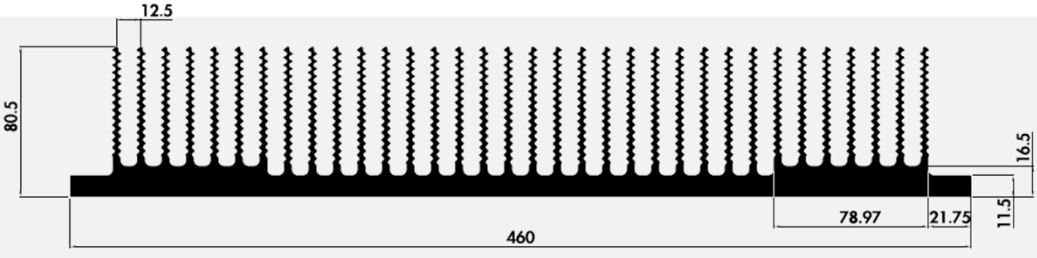
Rth N : 0,15 K/W Rth F : 0,05 K/W P: 34,54 kg/m L: 450mm

STDW18.25



Rth N : 0,11 K/W Rth F : 0,037 K/W P: 40,13 kg/m L: 450 mm

STDW18.26



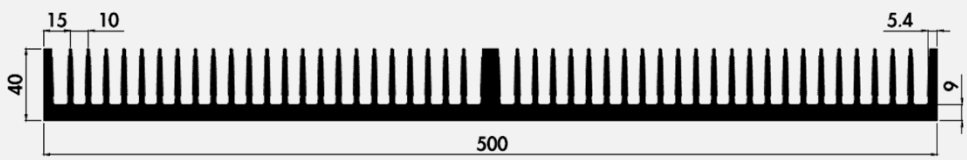
Rth N : 0,11 K/W Rth F : 0,038 K/W P: 34,95 kg/m L: 450 mm

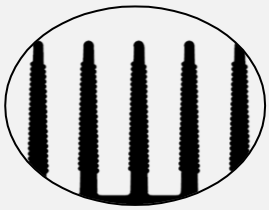
Heat Sinks

SERIE W - Following

Welded

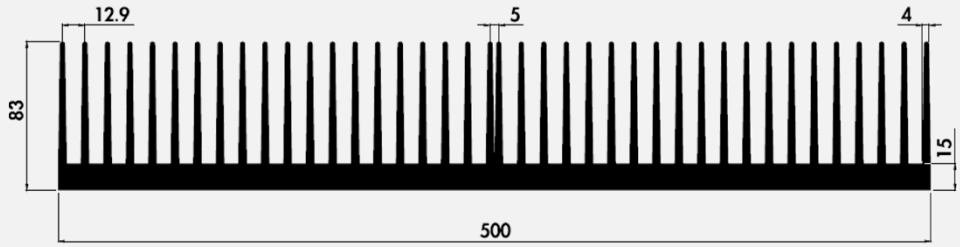
STDW18.10





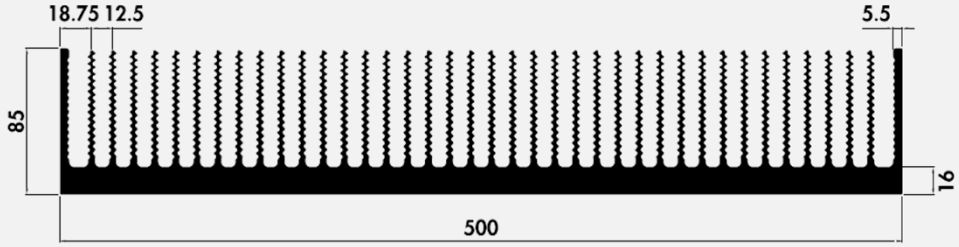
Rth N : 0,13 K/W Rth F : 0,044 K/W P: 23,87 kg/m L: 500mm

STDW18.11



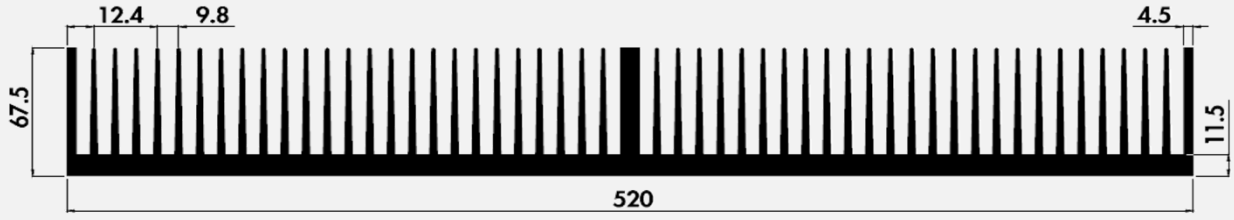
Rth N : 0,11 K/W Rth F : 0,038 K/W P: 49,36 kg/m L: 500mm

STDW18.27



Rth N : 0,09 K/W Rth F : 0,032 K/W P: 44,51 kg/m L: 500 mm

STDW18.12



Rth N : 0,11 K/W Rth F : 0,036 K/W P: 41,36 kg/m L: 500 mm

Heat Sinks

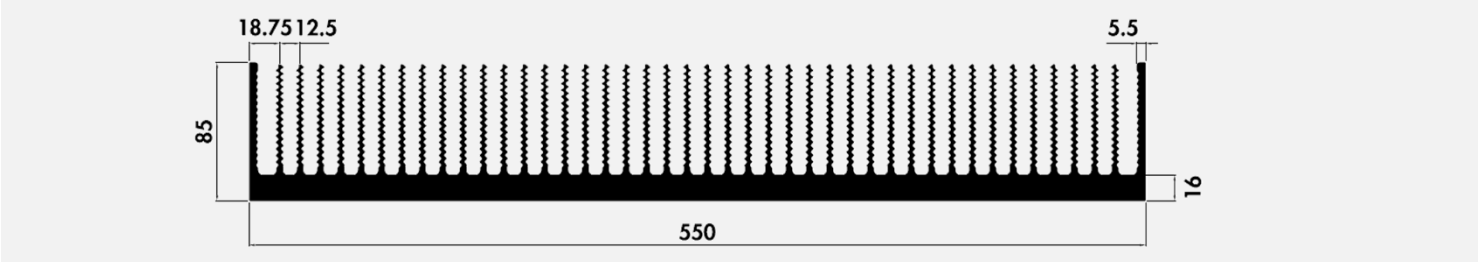
SERIE W - Following

Welded

STDW18.13

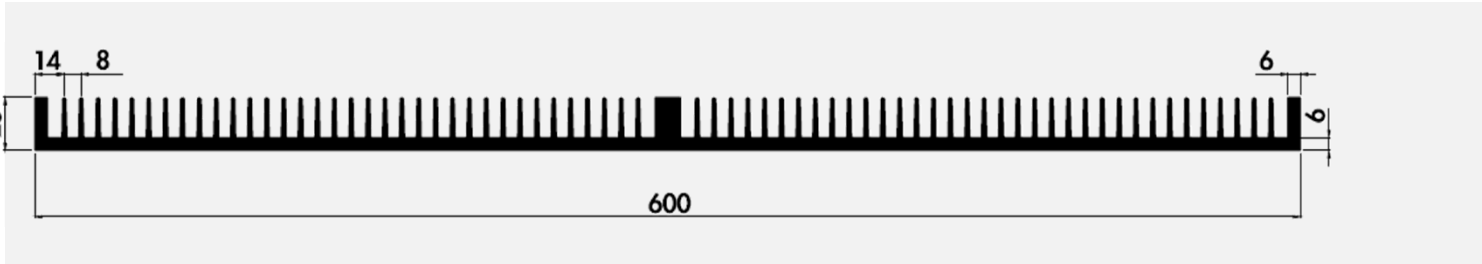
Rth N : 0,11 K/W Rth F : 0,038 K/W P: 36,37 kg/m L: 500mm

STDW18.28



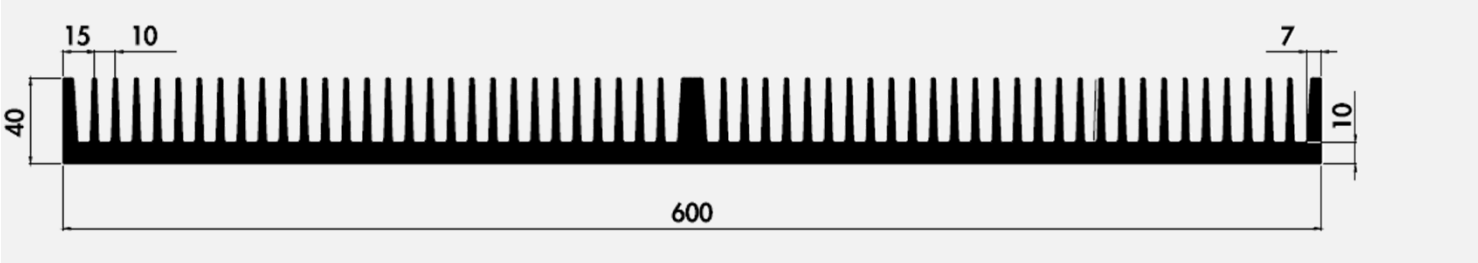
Rth N : 0,08 K/W Rth F : 0,028 K/W P: 48,88 kg/m L: 550mm

STDW18.14



Rth N : 0,14 K/W Rth F : 0,047 K/W P: 18,02 kg/m L: 600 mm

STDW18.15



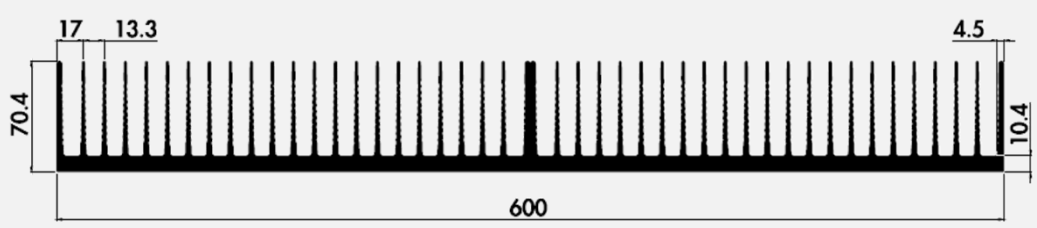
Rth N : 0,12 K/W Rth F : 0,042 K/W P: 31,6 kg/m L: 600 mm

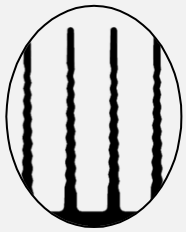
Heat Sinks

SERIE W - Following

Welded

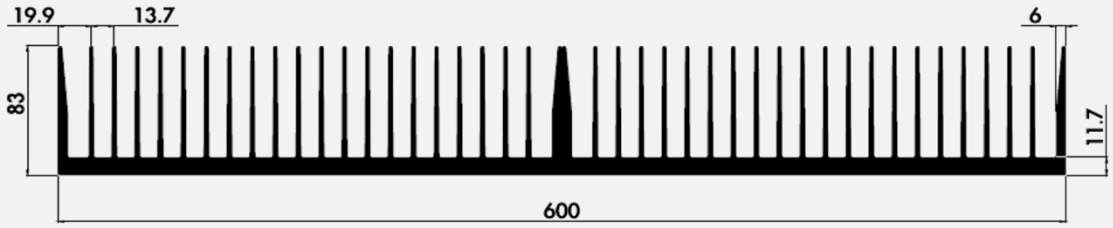
STDW18.16





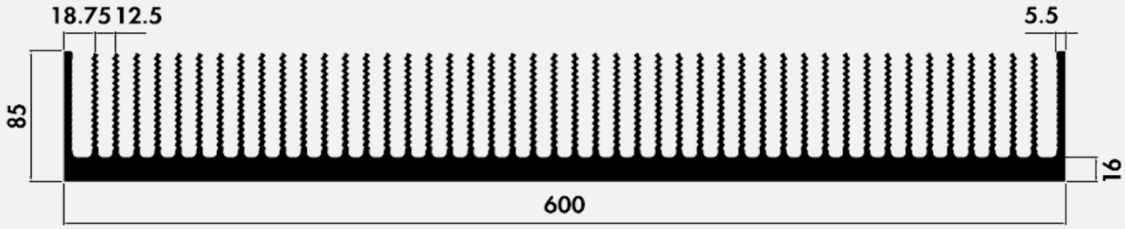
Rth N : 0,1 K/W Rth F : 0,033 K/W P: 37,53 kg/m L: 600mm

STDW18.17



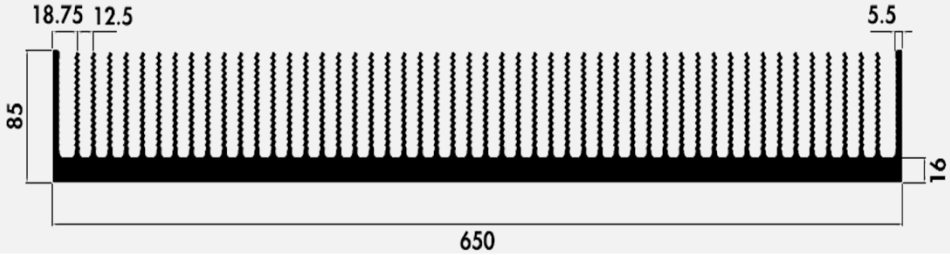
Rth N : 0,09K/W Rth F : 0,031 K/W P: 46,15 kg/m L: 600mm

STDW18.29



Rth N : 0,07 K/W Rth F : 0,025 K/W P: 53,25 kg/m L: 600 mm

STDW18.30



Rth N : 0,07 K/W Rth F : 0,22 K/W P: 57,63 kg/m L: 650 mm

Heat Sinks

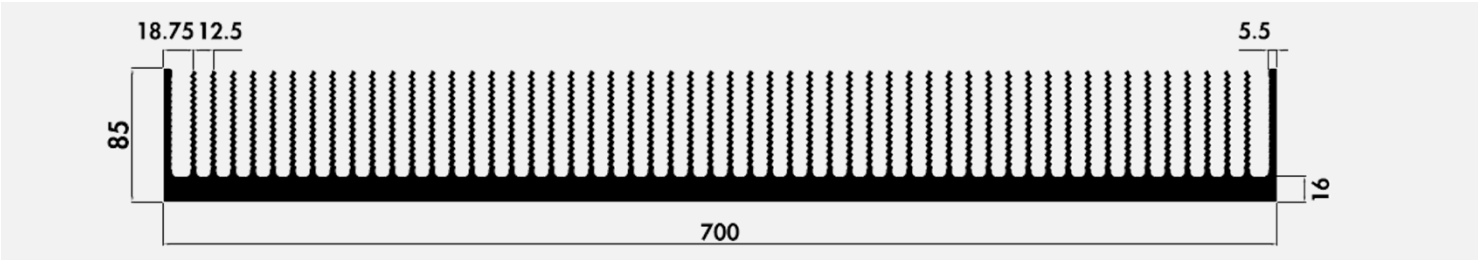
SERIE W - Following

Welded

STDW18.19

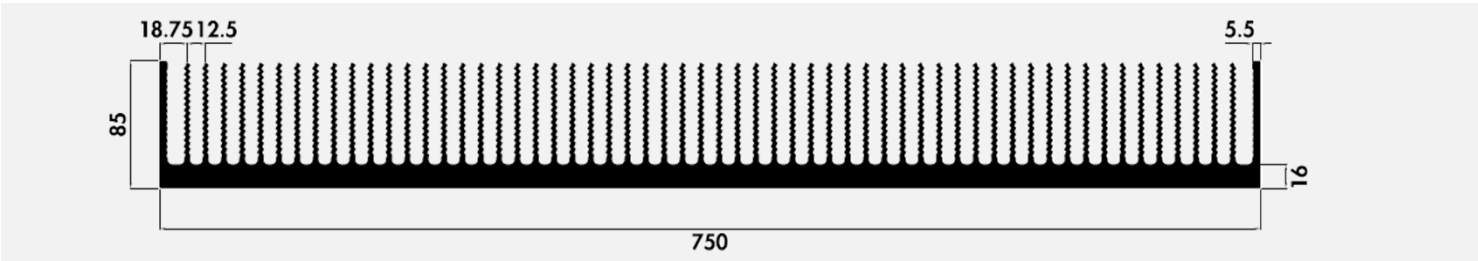
Rth N : 0,08 K/W Rth F : 0,029 K/W P: 40,15 kg/m L: 700mm

STDW18.31



Rth N : 0,06 K/W Rth F : 0,02 K/W P: 62 kg/m L: 700mm

STDW18.32



Rth N : 0,05 K/W Rth F : 0,018 K/W P: 66,37 kg/m L: 750 mm

STDW18.20

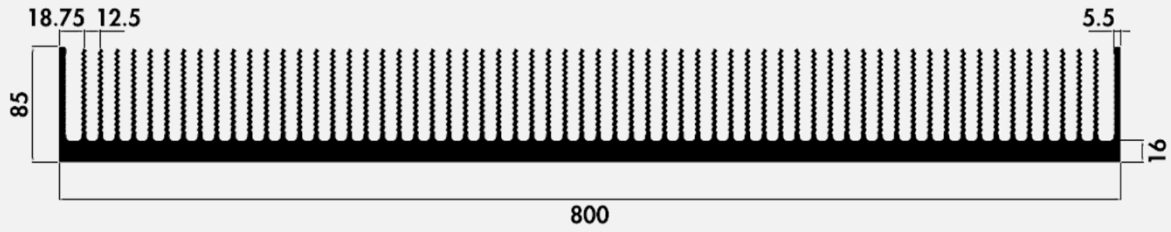
Rth N : 0,08 K/W Rth F : 0,027 K/W P: 42,87 kg/m L: 800 mm

Heat Sinks

SERIE W - Following

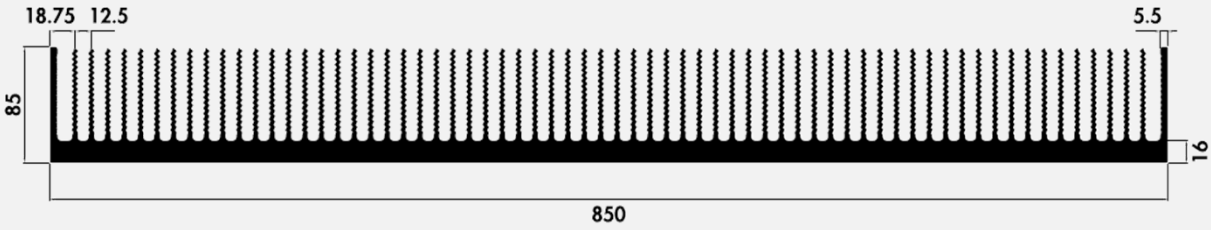
Welded

STDW18.21



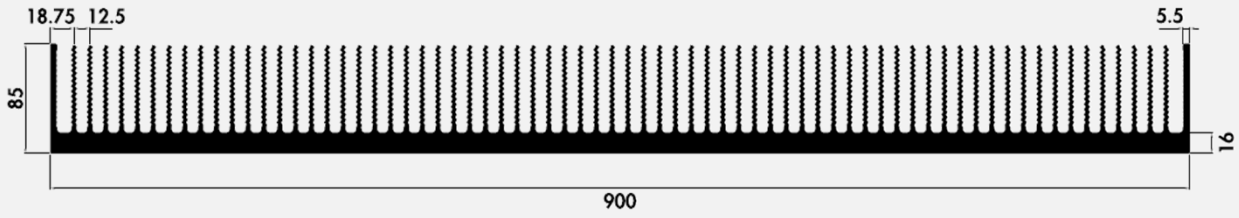
Rth N : 0,05 K/W Rth F : 0,017 K/W P: 70,75 kg/m L: 800mm

STDW18.22



Rth N : 0,05 K/W Rth F : 0,015 K/W P: 75,12 kg/m L: 850mm

STDW18.23



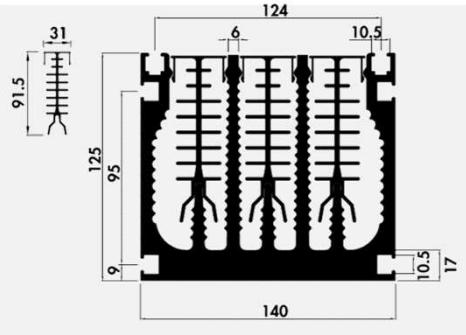
Rth N : 0,04 K/W Rth F : 0,014 K/W P: 79,49 kg/m L: 900 mm

Heat Sinks

SERIE PC

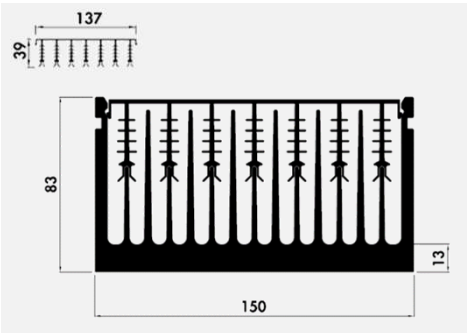
Extruded

STDPC18.01



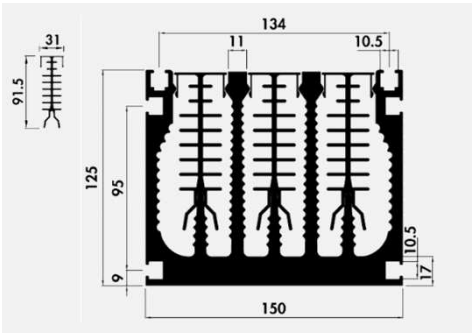
Rth N : 0,38 K/W L: 150mm
Rth F : 0,128 K/W P: 22,9 kg/m

STDPC18.02



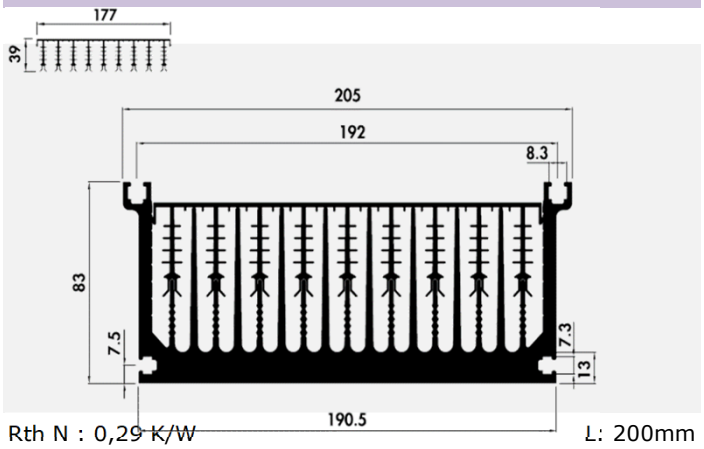
Rth N : 0,41 K/W L: 150mm
Rth F : 0,139 K/W P: 15,42 kg/m

STDPC18.03



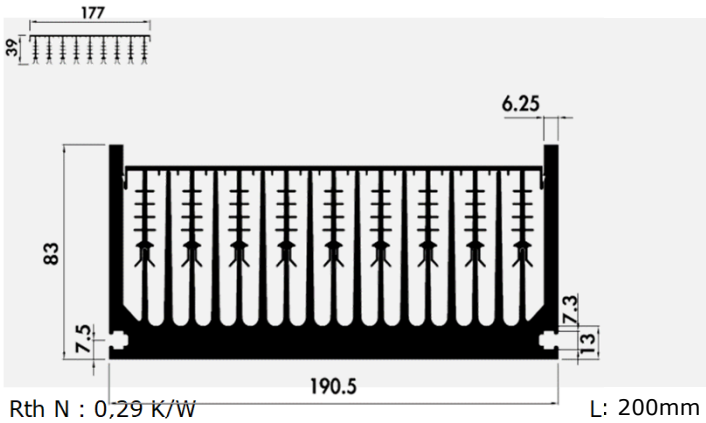
Rth N : 0,38 K/W L: 150mm
Rth F : 0,138 K/W P: 23,77 kg/m

STDPC18.04



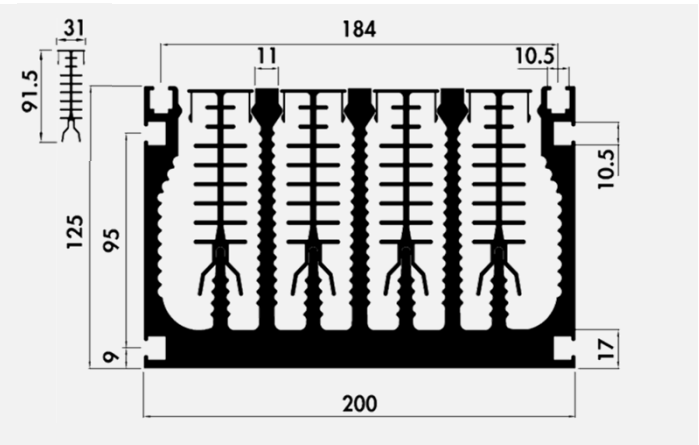
Rth N : 0,29 K/W L: 200mm
Rth F : 0,097 K/W P: 18,87 kg/m

STDPC18.05



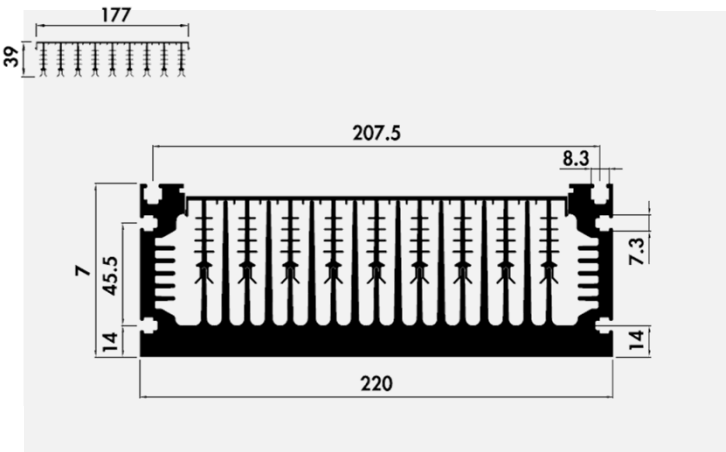
Rth N : 0,29 K/W L: 200mm
Rth F : 0,099 K/W P: 18,79 kg/m

STDPC18.06



Rth N : 0,26 K/W L: 200mm
Rth F : 0,088 K/W P: 30,8 kg/m

STDPC18.07



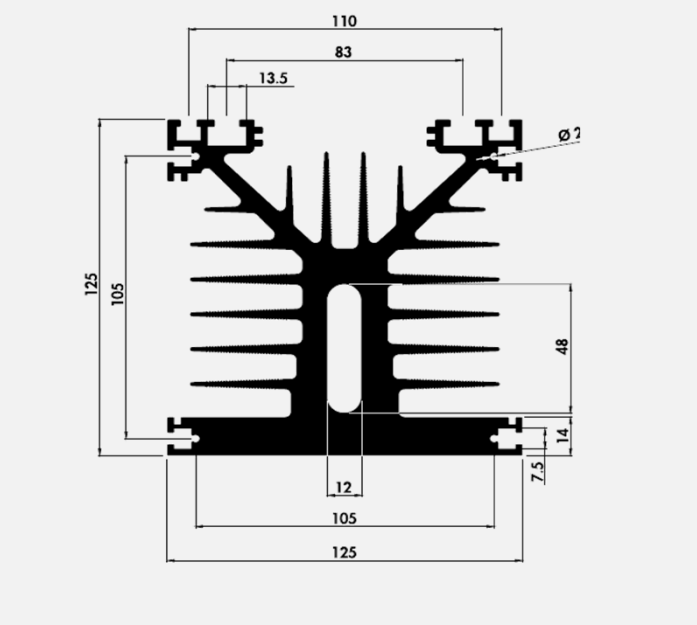
Rth N : 0,24 K/W L: 250mm
Rth F : 0,082 K/W P: 21,57 kg/m

Heat Sinks

SERIE T

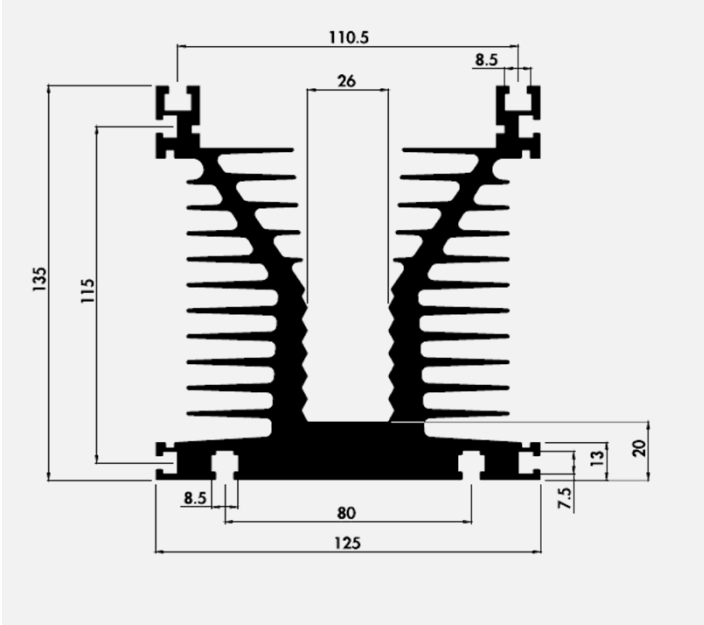
Extruded

STDT18.01



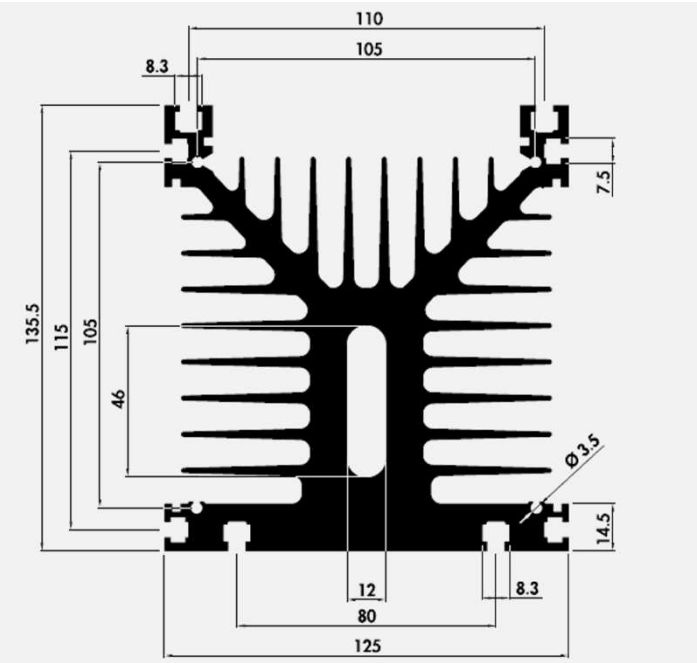
Rth N : 0,51 K/W
Rth F : 0,174 K/W
L: 150mm
P: 15,53 kg/m

STDT18.02



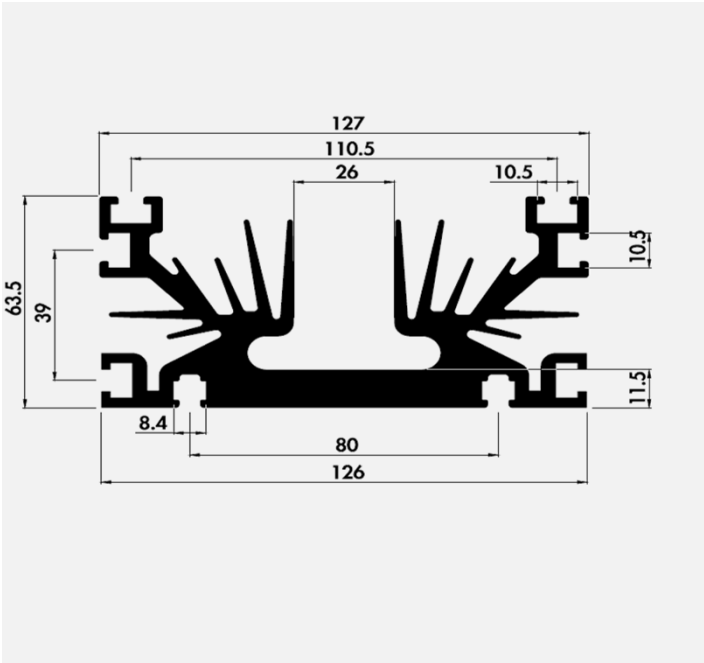
Rth N : 0,54 K/W
Rth F : 0,183 K/W
L: 150mm
P: 14,45 kg/m

STDT18.04



Rth N : 0,5 K/W
Rth F : 0,168 K/W
L: 150mm
P: 17,61 kg/m

STDT18.05



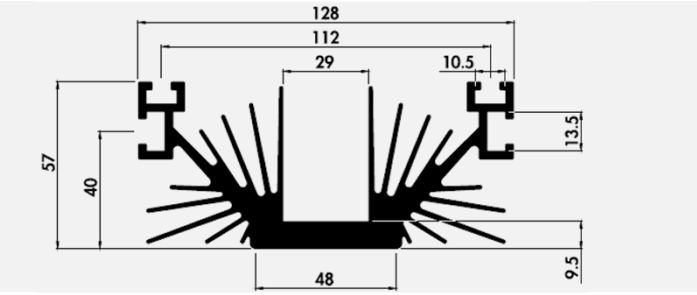
Rth N : 0,79 K/W
Rth F : 0,267 K/W
L: 150mm
P: 8,21 kg/m

Heat Sinks

SERIE T - Following

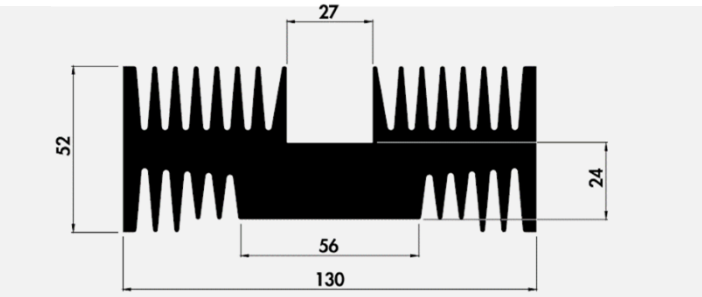
Extruded

STDT18.07



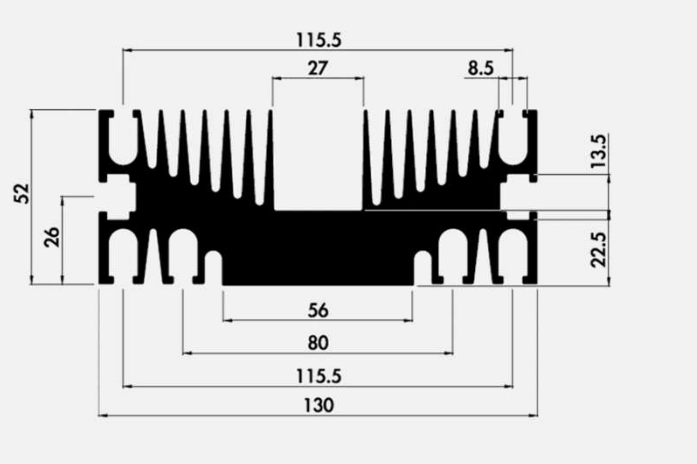
Rth N : 0,76 K/W
Rth F : 0,257 K/W
L: 150mm
P: 5,95 kg/m

STDT18.08



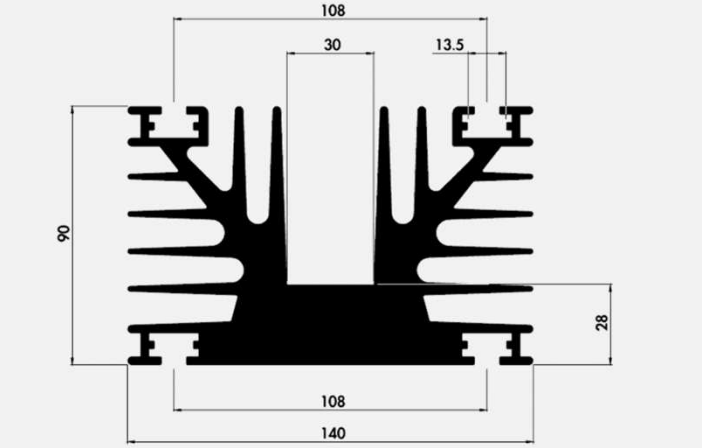
Rth N : 0,81 K/W
Rth F : 0,274 K/W
L: 150mm
P: 11,18 kg/m

STDT18.09



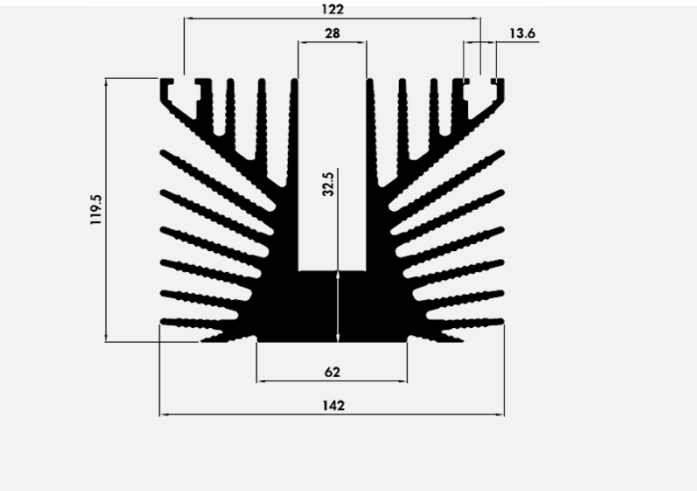
Rth N : 0,77 K/W
Rth F : 0,261 K/W
L: 150mm
P: 10,03 kg/m

STDT18.10



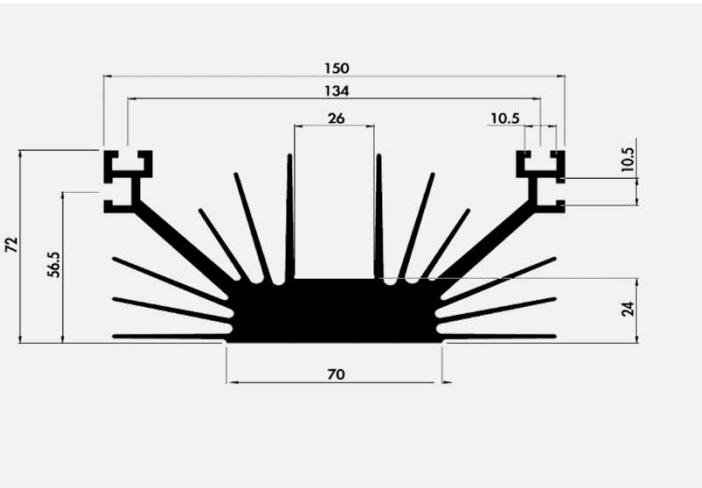
Rth N : 0,66 K/W
Rth F : 0,223 K/W
L: 150mm
P: 15,23 kg/m

STDT18.21



Rth N : 0,51 K/W
Rth F : 0,174 K/W
L: 150mm
P: 19,5 kg/m

STDT18.11



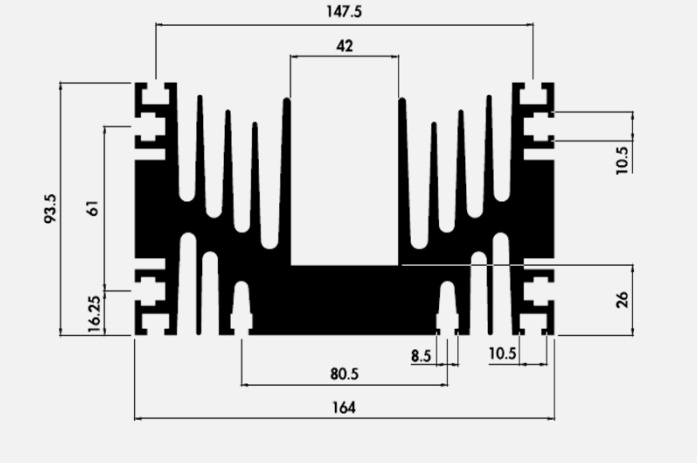
Rth N : 0,69 K/W
Rth F : 0,233 K/W
L: 150mm
P: 8,93 kg/m

Heat Sinks

SERIE T - Following

Extruded

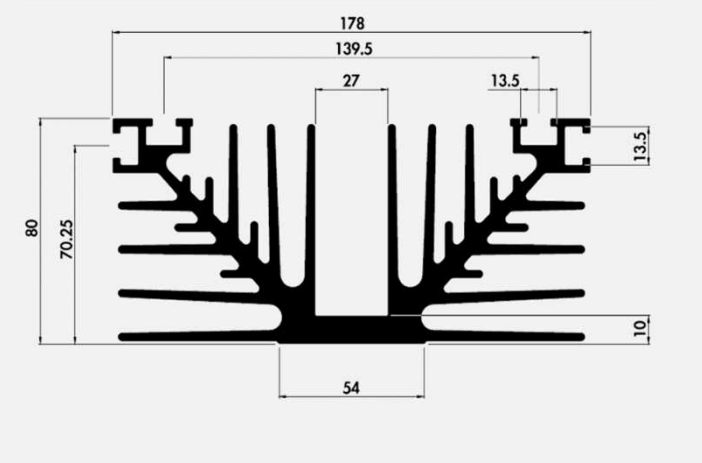
STDT18.12



Rth N : 0,47 K/W — L: 200mm

Rth F : 0,159 K/W — P: 19 kg/m

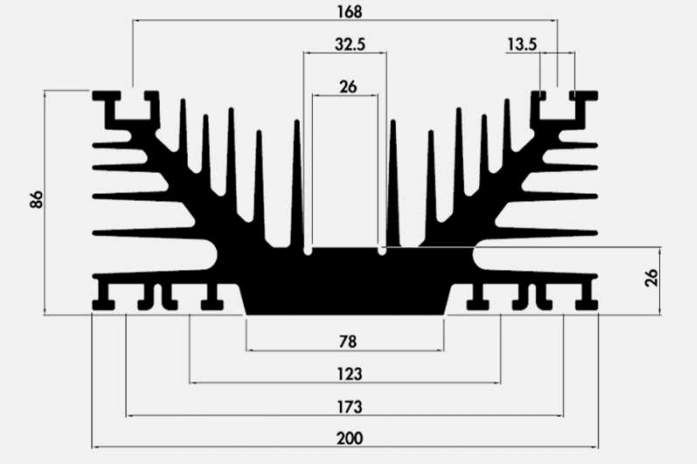
STDT18.13



Rth N : 0,45 K/W — L: 200mm

Rth F : 0,154 K/W — P: 12,78 kg/m

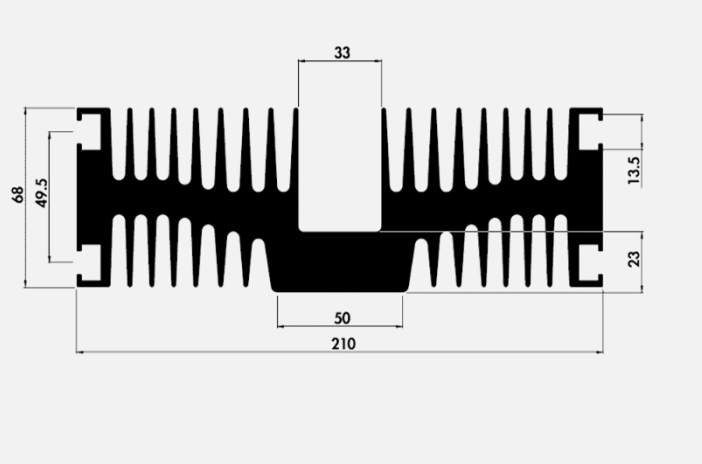
STDT18.14



Rth N : 0,45 K/W — L: 200mm

Rth F : 0,152 K/W — P: 19,17 kg/m

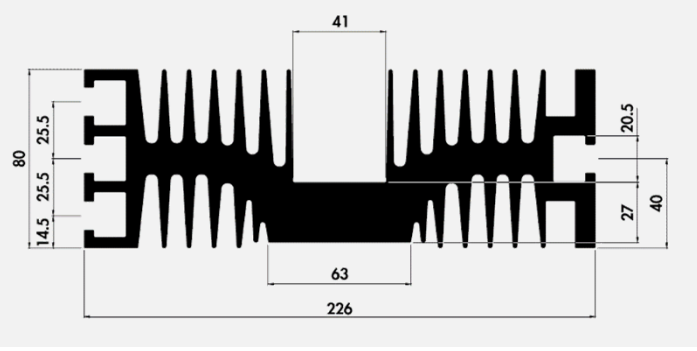
STDT18.15



Rth N : 0,43 K/W — L: 200mm

Rth F : 0,146 K/W — P: 19,99 kg/m

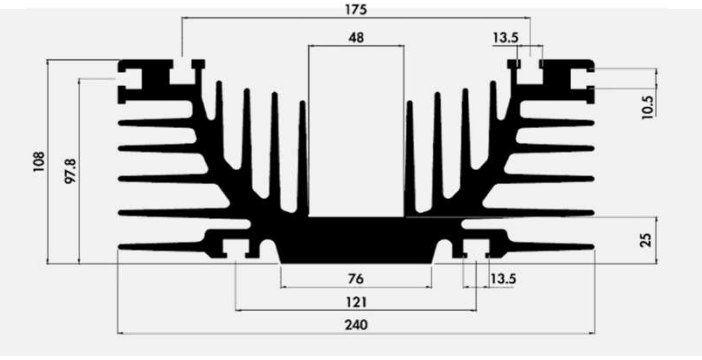
STDT18.16



Rth N : 0,36 K/W — L: 250mm

Rth F : 0,122 K/W — P: 23,74 kg/m

STDT18.17



Rth N : 0,33 K/W — L: 250mm

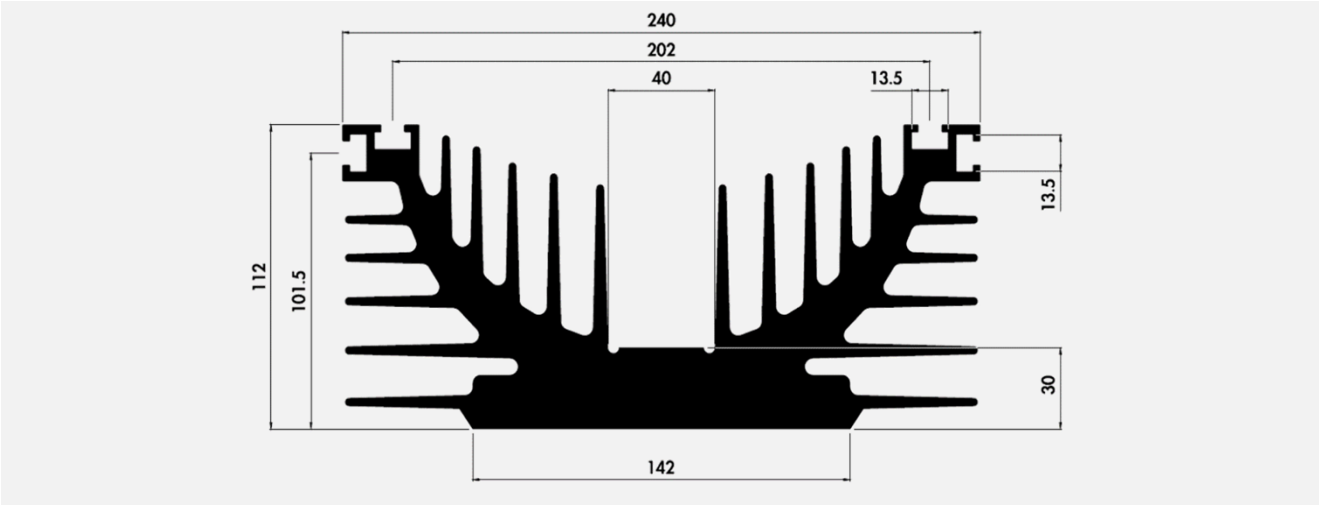
Rth F : 0,112 K/W — P: 26,1 kg/m

Heat Sinks

SERIE T - Following

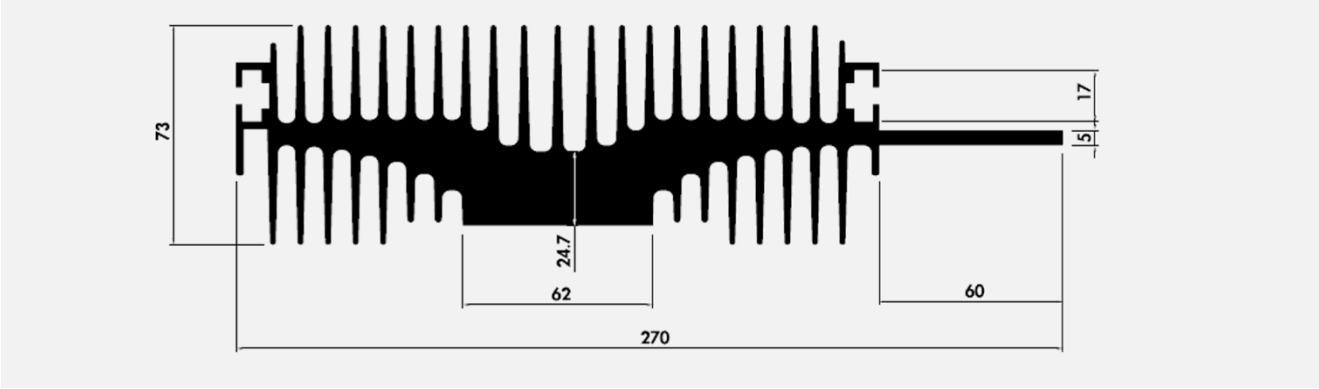
Extruded

STDT18.18



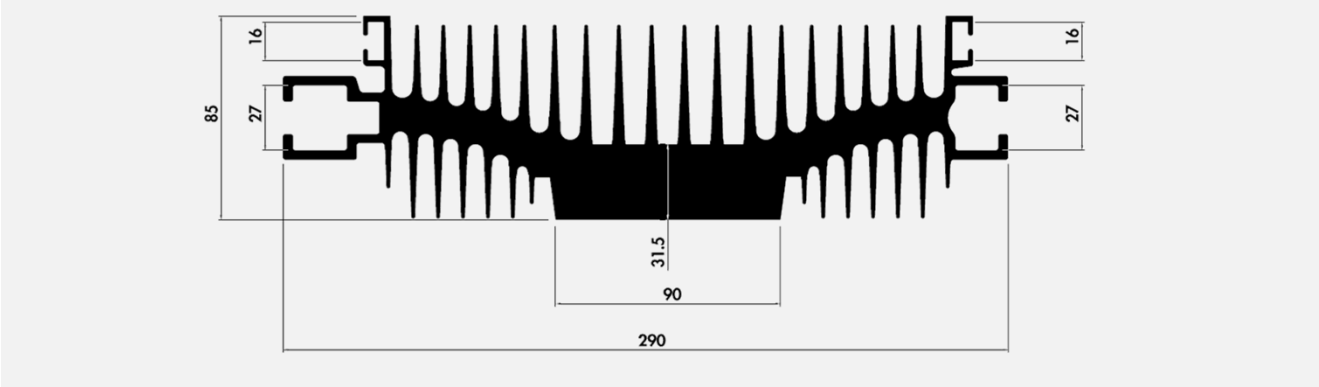
Rth N : 0,35 K/W Rth F : 0,117 K/W P: 29,72 kg/m L: 250mm

STDT18.19



Rth N : 0,29 K/W Rth F : 0,097 K/W P: 18,74 kg/m L: 300mm

STDT18.20



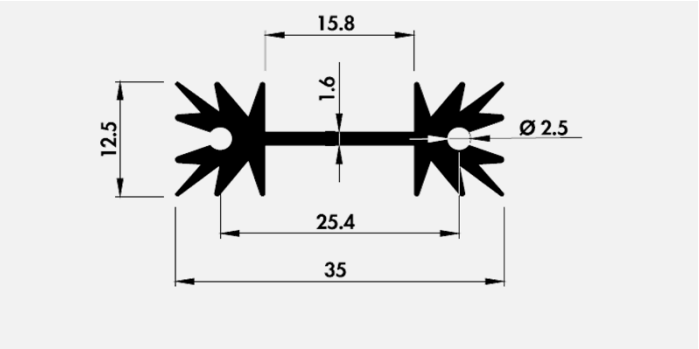
Rth N : 0,25 K/W Rth F : 0,084 K/W P: 25,4 kg/m L: 300mm

Heat Sinks

SERIE H

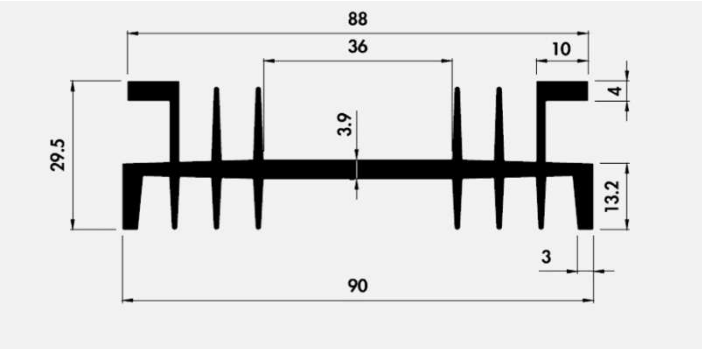
Extruded

STDH18.02



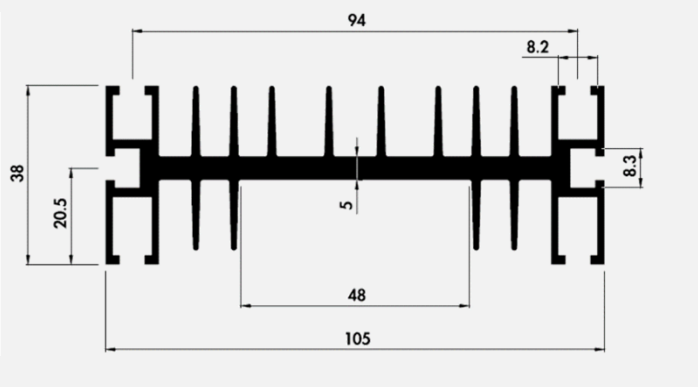
Rth N : 6,2 K/W
Rth F : 2,095 K/W
L: 50mm
P: 0,434 kg/m

STDH18.09



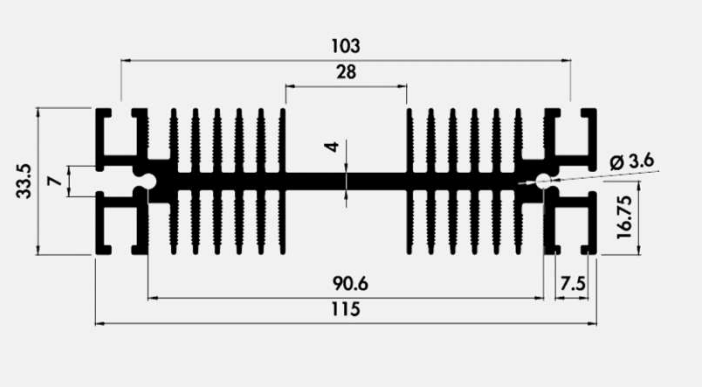
Rth N : 1,85 K/W
Rth F : 0,625 K/W
L: 100mm
P: 1,86 kg/m

STDH18.10



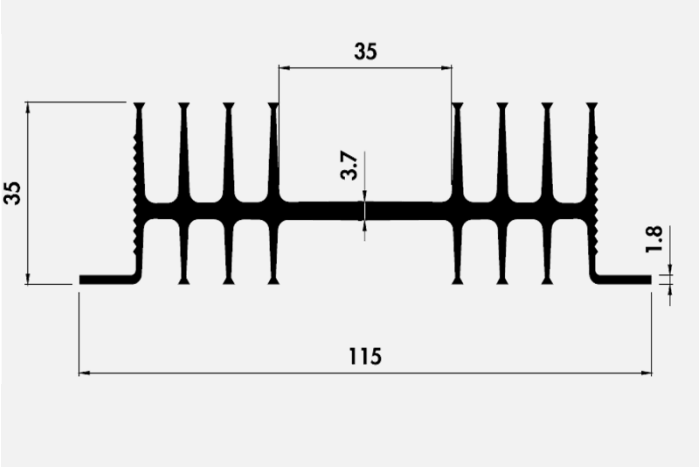
Rth N : 1,35 K/W
Rth F : 0,457 K/W
L: 100mm
P: 2,83 kg/m

STDH18.11



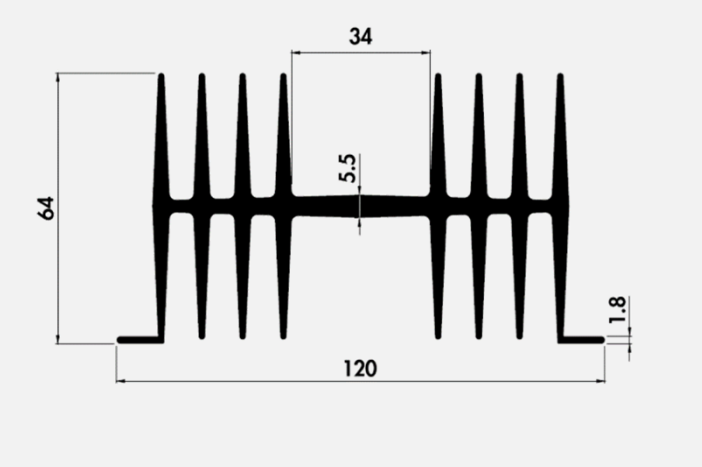
Rth N : 0,98 K/W
Rth F : 0,332 K/W
L: 100mm
P: 3,83 kg/m

STDH18.12



Rth N : 1,5 K/W
Rth F : 0,507 K/W
L: 100mm
P: 2,15 kg/m

STDH18.13



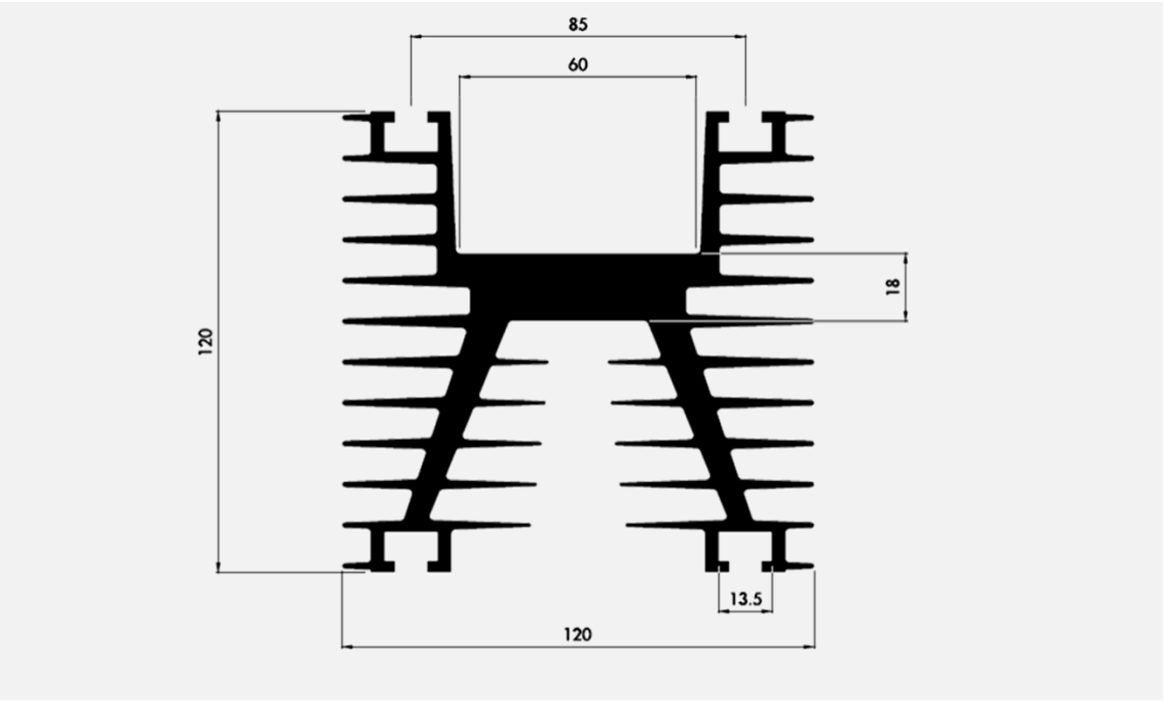
Rth N : 1,12 K/W
Rth F : 0,377 K/W
L: 100mm
P: 4,97 kg/m

Heat Sinks

SERIE H - Following

Extruded

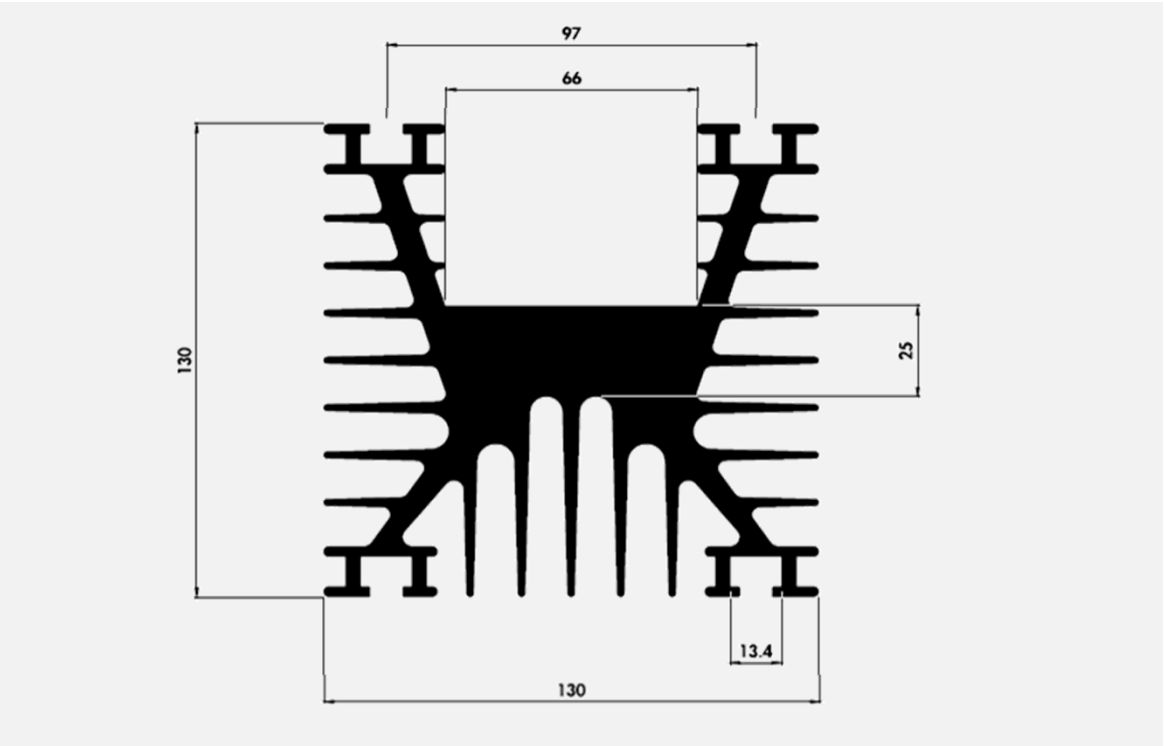
STDH18.14



Rth N : 0,74 K/W
Rth F : 0,251 K/W

L: 100mm
P: 11,19 kg/m

STDH18.15



Rth N : 0,74 K/W
Rth F : 0,25 K/W

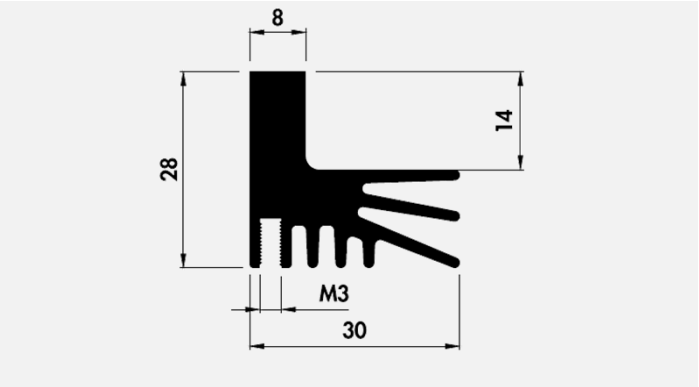
L: 100mm
P: 16,26 kg/m

Heat Sinks

SERIE L

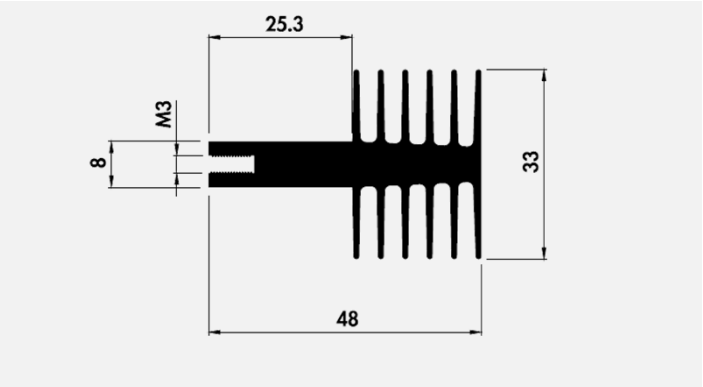
Extruded

STDL18.01



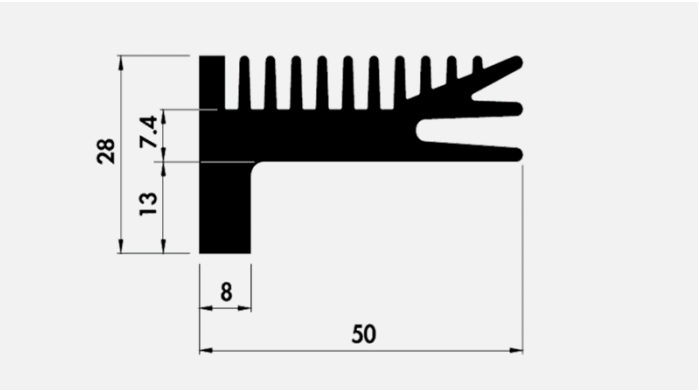
Rth N : 5,64 K/W L: 50mm
Rth F : 1,906 K/W P: 0,983 kg/m

STDL18.02



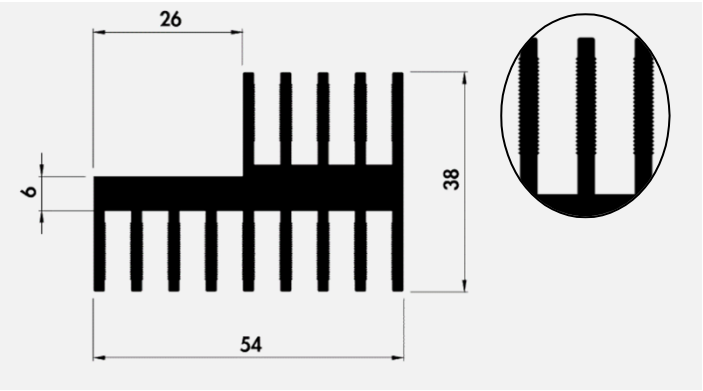
Rth N : 3,54 K/W L: 50mm
Rth F : 1,195 K/W P: 1,45 kg/m

STDL18.03



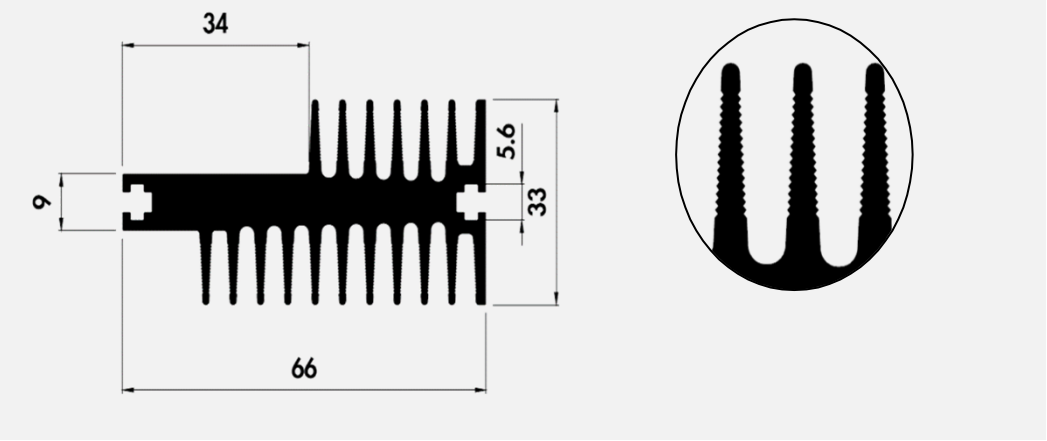
Rth N : 4,33 K/W L: 50mm
Rth F : 1,464 K/W P: 1,65 kg/m

STDL18.04



Rth N : 2,7 K/W L: 50mm
Rth F : 0,911 K/W P: 2,2 kg/m

STDL18.05



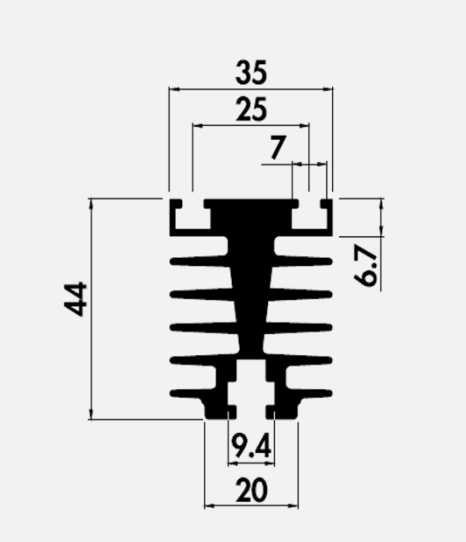
Rth N : 1,63 K/W Rth F : 0,551 K/W P: 2,43 kg/m L: 100mm

Heat sinks

SERIE E

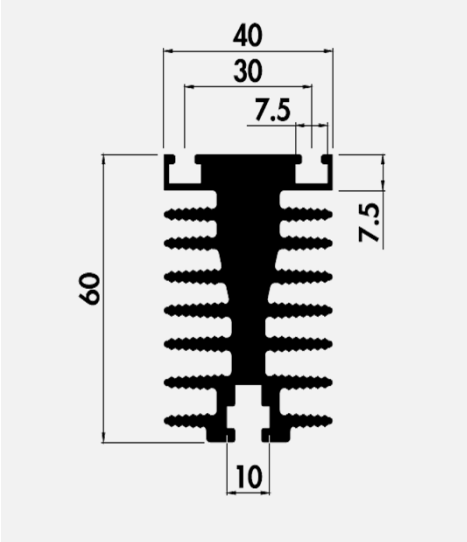
Extruded

STDE18.01



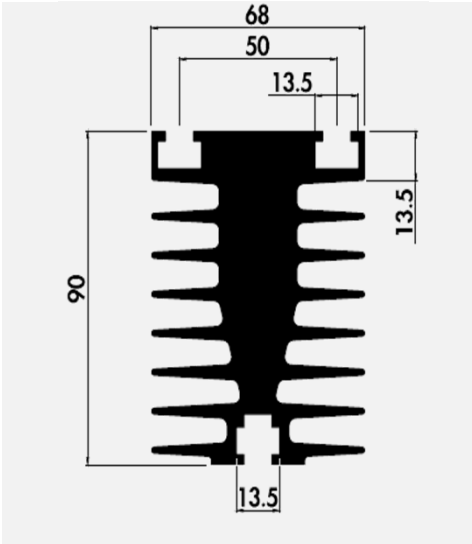
Rth N : 3,38 K/W L: 50mm
Rth F : 1,143 K/W P: 2 kg/m

STDE18.02



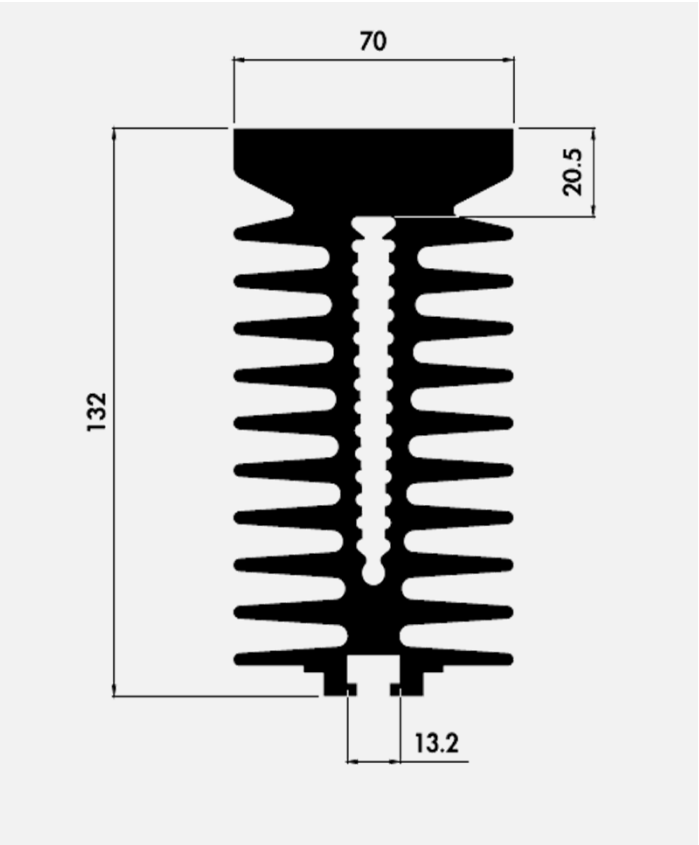
Rth N : 2,59 K/W L: 50mm
Rth F : 0,874 K/W P: 3,41 kg/m

STDE18.03



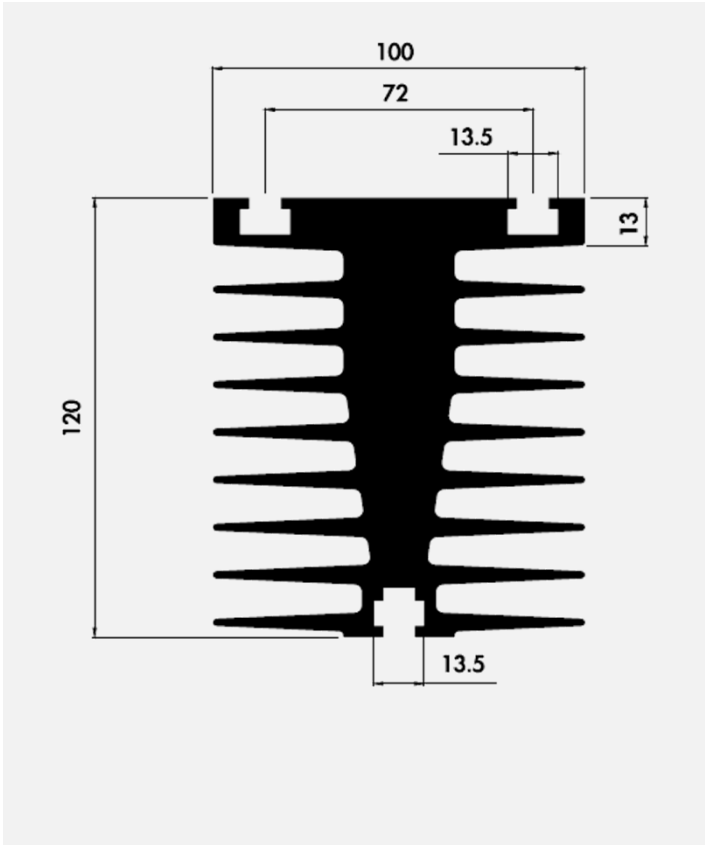
Rth N : 1,22 K/W L: 100mm
Rth F : 0,411 K/W P: 8,66 kg/m

STDE18.04



Rth N : 0,9 K/W L: 100mm
Rth F : 0,305 K/W P: 13,32 kg/m

STDE18.05



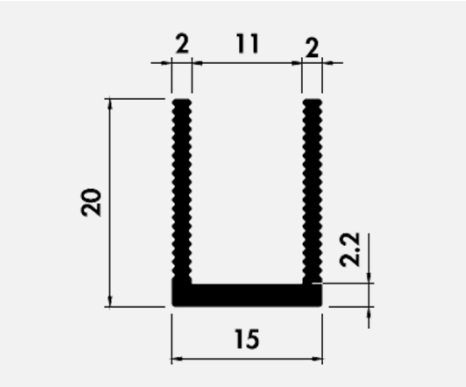
Rth N : 0,86 K/W L: 100mm
Rth F : 0,291 K/W P: 15,64 kg/m

Heat Sinks

SERIE U

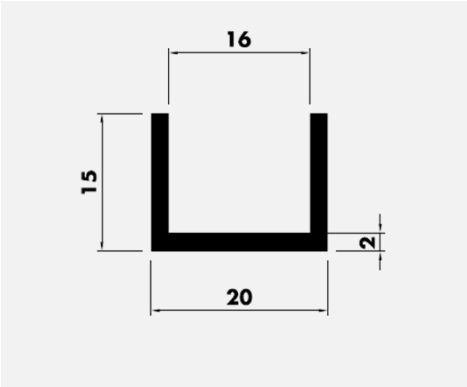
Extruded

STDU18.01



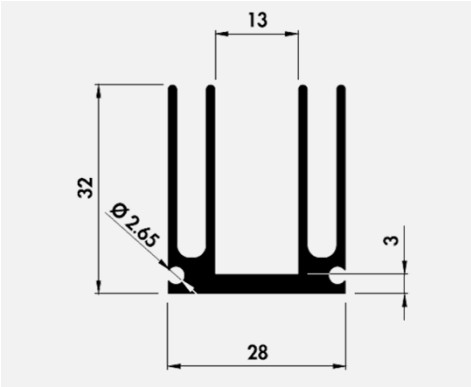
Rth N : 8,37 K/W L: 50mm
Rth F : 2,828 K/W P: 0,256 kg/m

STDU18.23



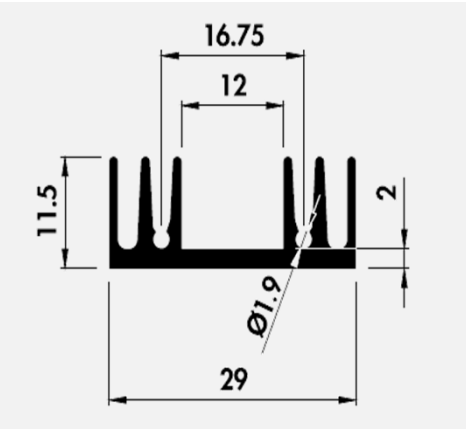
Rth N : 9,9 K/W L: 50mm
Rth F : 3,347 K/W P: 0,249 kg/m

STDU18.02



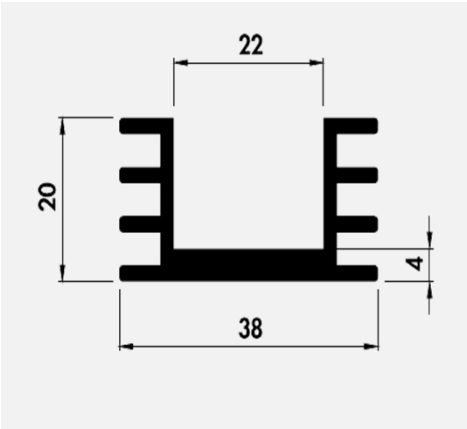
Rth N : 4,63 K/W L: 50mm
Rth F : 1,564 K/W P: 0,734 kg/m

STDU18.03



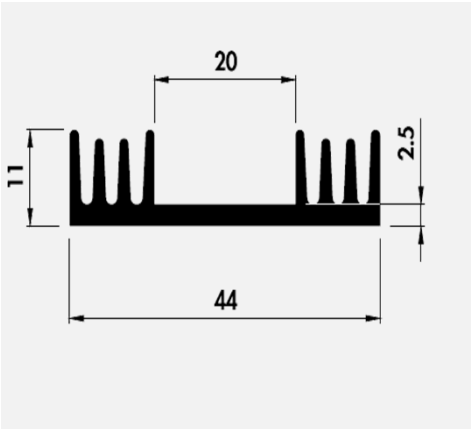
Rth N : 6,73 K/W L: 50mm
Rth F : 2,273 K/W P: 0,354 kg/m

STDU18.05



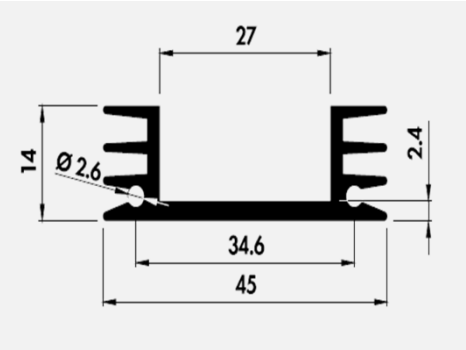
Rth N : 5,65 K/W L: 50mm
Rth F : 1,909 K/W P: 0,71 kg/m

STDU18.06



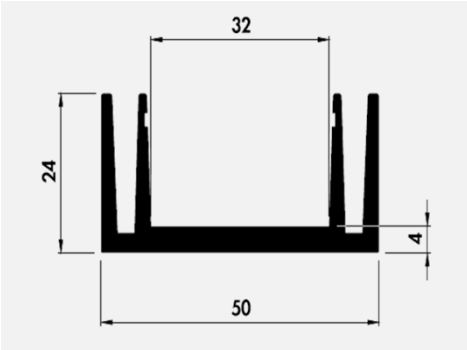
Rth N : 5,79 K/W L: 50mm
Rth F : 1,956 K/W P: 0,563 kg/m

STDU18.07



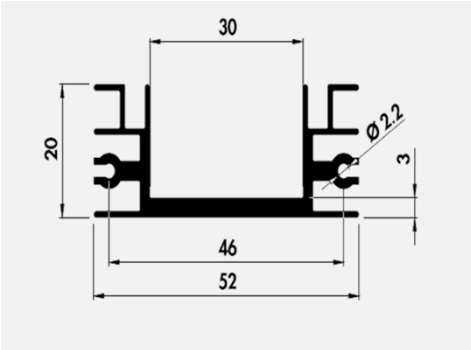
Rth N : 5,69 K/W L: 50mm
Rth F : 1,921 K/W P: 0,55 kg/m

STDU18.08



Rth N : 4,88 K/W L: 50mm
Rth F : 1,65 K/W P: 1,03 kg/m

STDU18.09



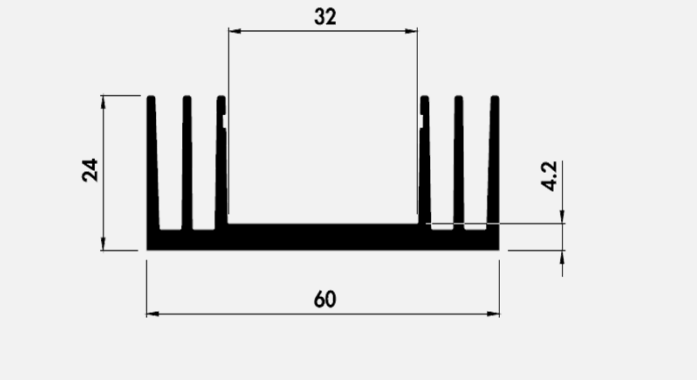
Rth N : 4,4 K/W L: 50mm
Rth F : 1,485 K/W P: 0,733 kg/m

Heat Sinks

SERIE U - Following

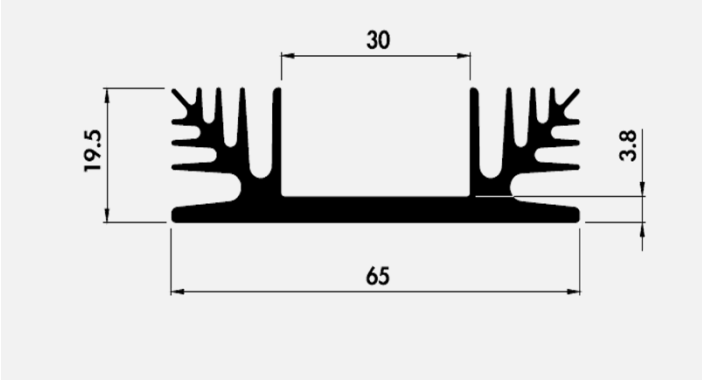
Extruded

STDU18.10



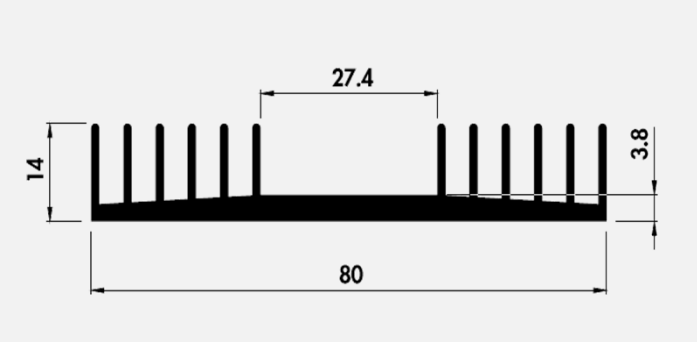
Rth N : 3,92 K/W
Rth F : 1,324 K/W
L: 50mm
P: 1,22 kg/m

STDU18.12



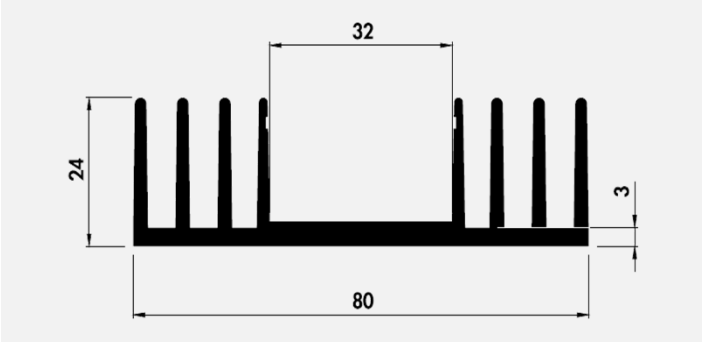
Rth N : 3,82 K/W
Rth F : 1,29 K/W
L: 50mm
P: 1,25 kg/m

STDU18.13



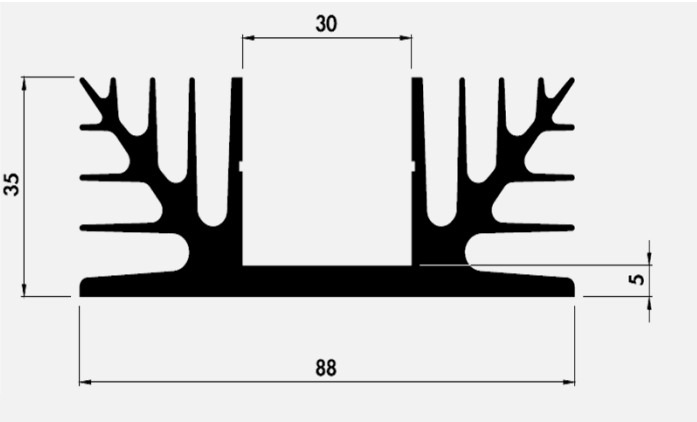
Rth N : 3,58 K/W
Rth F : 1,21 K/W
L: 50mm
P: 1,18 kg/m

STDU18.14



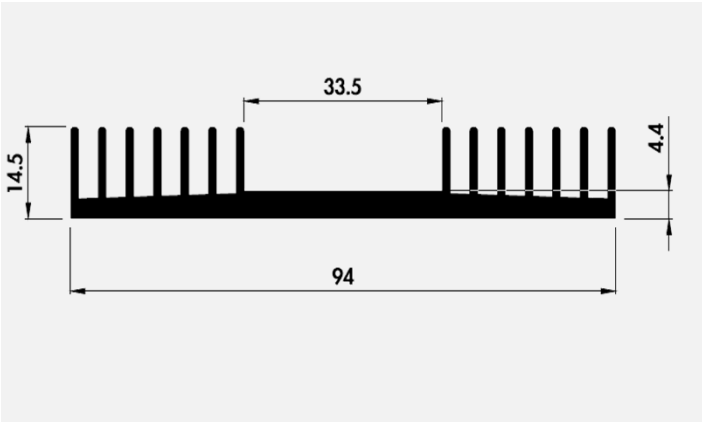
Rth N : 3,22 K/W
Rth F : 1,086 K/W
L: 50mm
P: 1,72 kg/m

STDU18.16



Rth N : 2,65 K/W
Rth F : 0,894 K/W
L: 50mm
P: 2,8 kg/m

STDU18.18



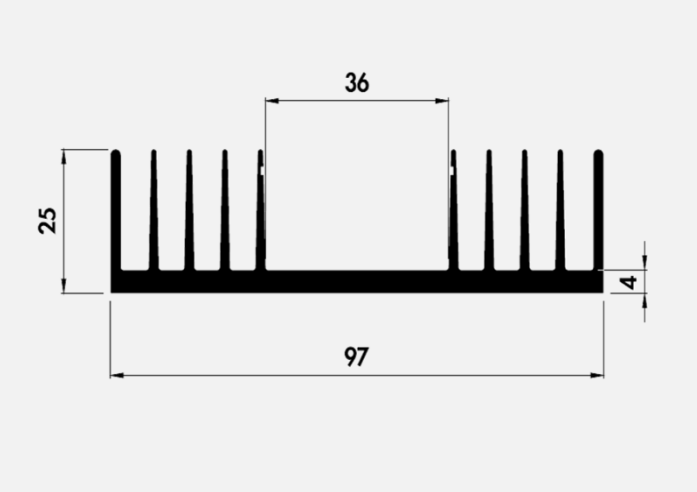
Rth N : 1,97 K/W
Rth F : 0,664 K/W
L: 100mm
P: 1,64 kg/m

Heat Sinks

SERIE U - Following

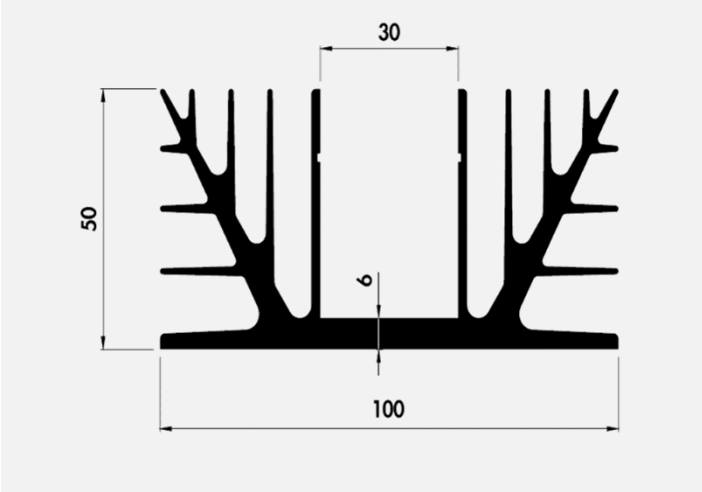
Extruded

STDU18.19



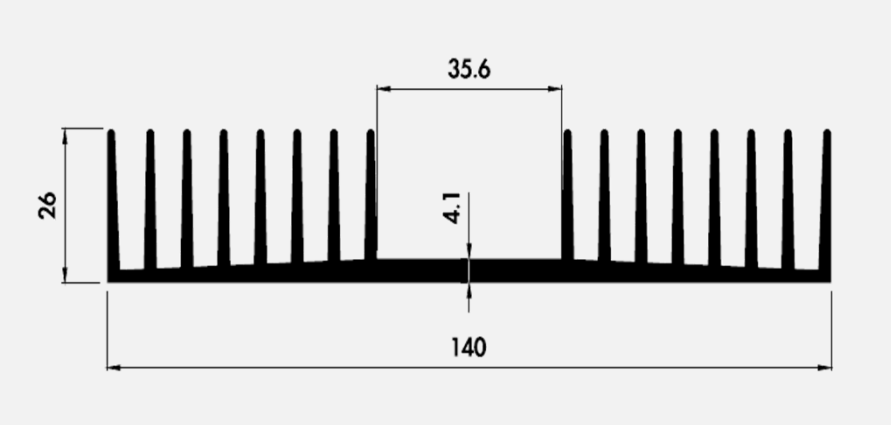
Rth N : 1,72 K/W
Rth F : 0,58 K/W
L: 100mm
P: 1,95 kg/m

STDU18.20



Rth N : 1,3 K/W
Rth F : 0,44 K/W
L: 100mm
P: 4,9 kg/m

STDU18.22



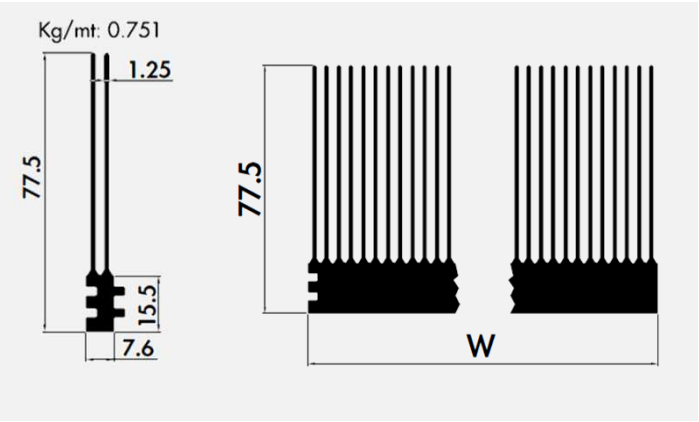
Rth N : 1,23 K/W
Rth F : 0,414 K/W
L: 100mm
P: 3,26 kg/m

Heat Sinks

SERIE PA

High Power

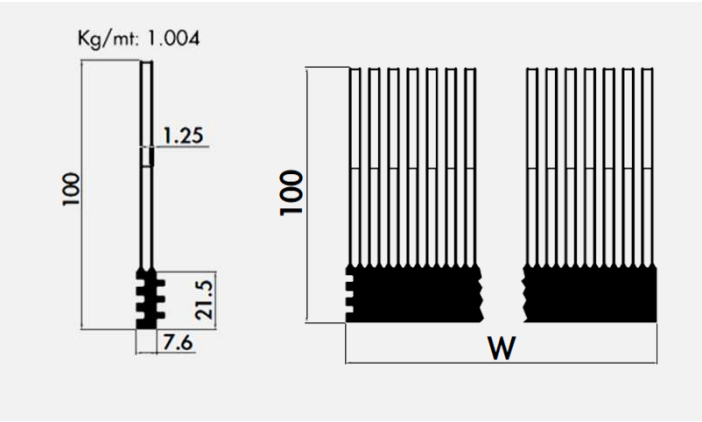
STDPA18.14



Rth N : 0,37 K/W
Rth F : 0,123 K/W

L: 1500mm
W : 98,8 mm

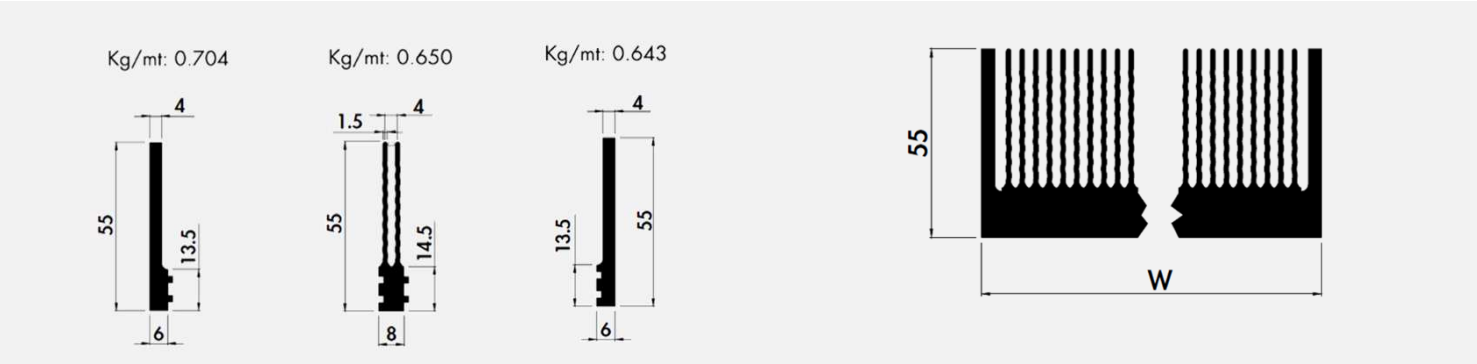
STDPA18.15



Rth N : 0,31 K/W
Rth F : 0,104 K/W

L: 150mm
W : 98,8 mm

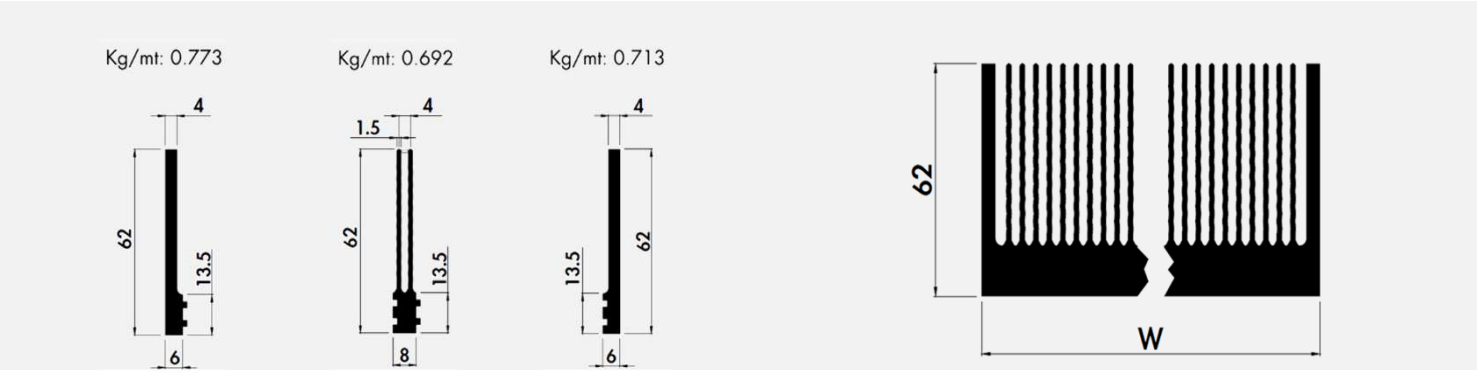
STDPA18.02



Rth N : 0,48 K/W
Rth F : 0,163 K/W

L: 150mm
W : 100 mm

STDPA18.03



Rth N : 0,43 K/W
Rth F : 0,146 K/W

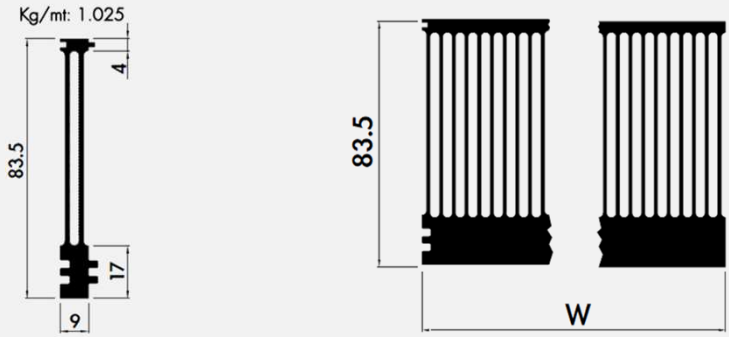
L: 150mm
W : 100 mm

Heat Sinks

SERIE PA - Following

High Power

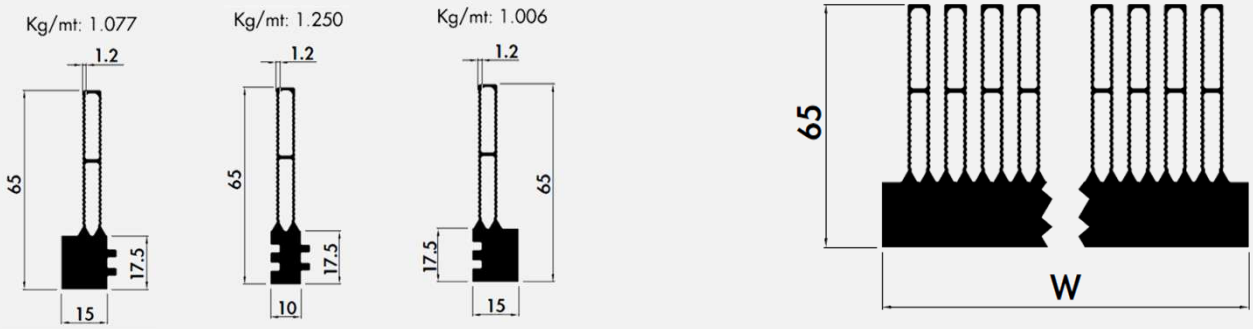
STDPA18.16



Rth N : 0,42 K/W
Rth F : 0,143 K/W

L: 150 mm
W : 99 mm

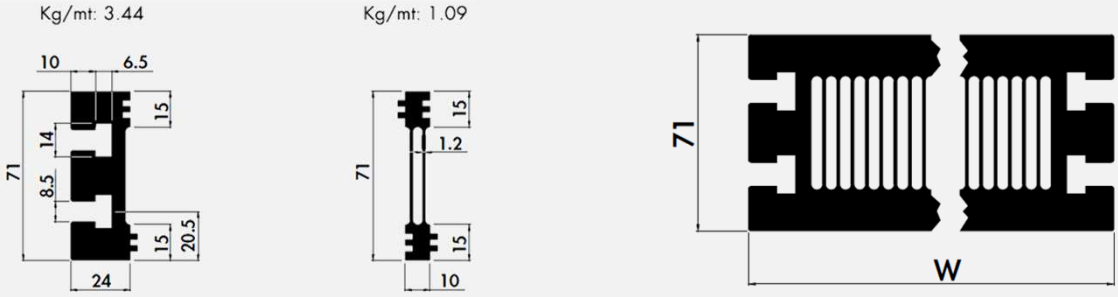
STDPA18.17



Rth N : 0,48 K/W
Rth F : 0,162 K/W

L: 150mm
W : 100 mm

STDPA18.04



Rth N : 0,53 K/W
Rth F : 0,18 K/W

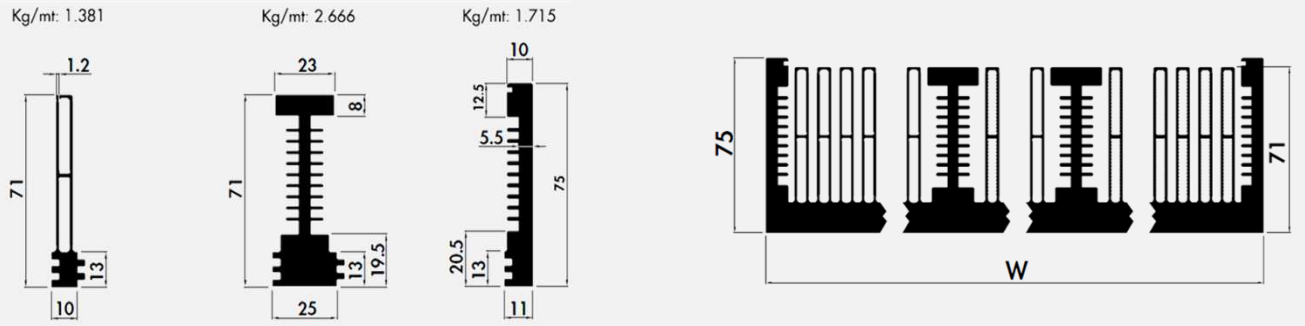
L: 150mm
W : 108 mm

Heat Sinks

SERIE PA - Following

High Power

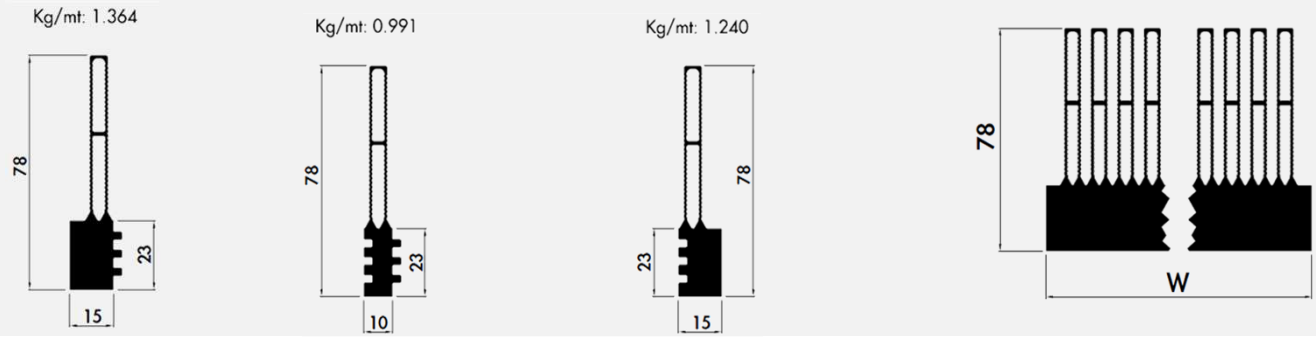
STDPA18.18



Rth N : 0,41 K/W
Rth F : 0,137 K/W

L: 150 mm
W : 102 mm

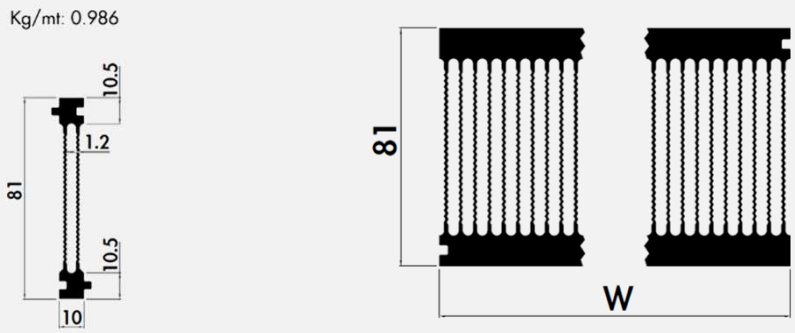
STDPA18.19



Rth N : 0,43 K/W
Rth F : 0,145 K/W

L: 150mm
W : 100 mm

STDPA18.20



Rth N : 0,39 K/W
Rth F : 0,132 K/W

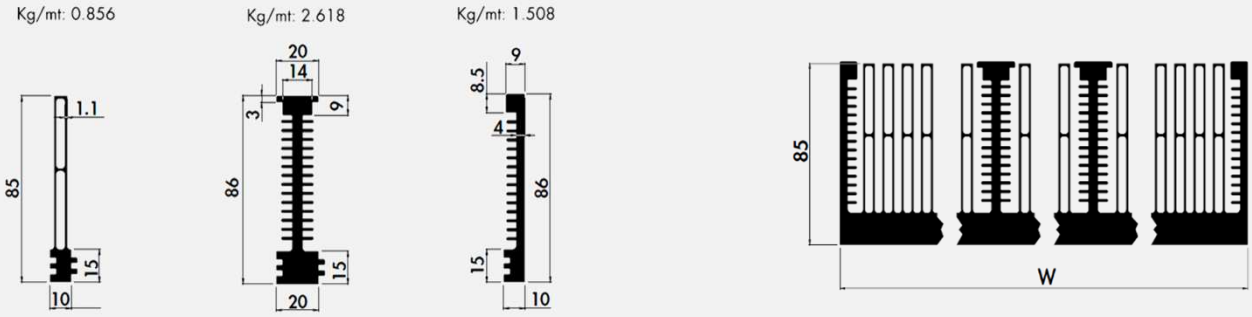
L: 150mm
W : 100 mm

Heat Sinks

SERIE PA - Following

High Power

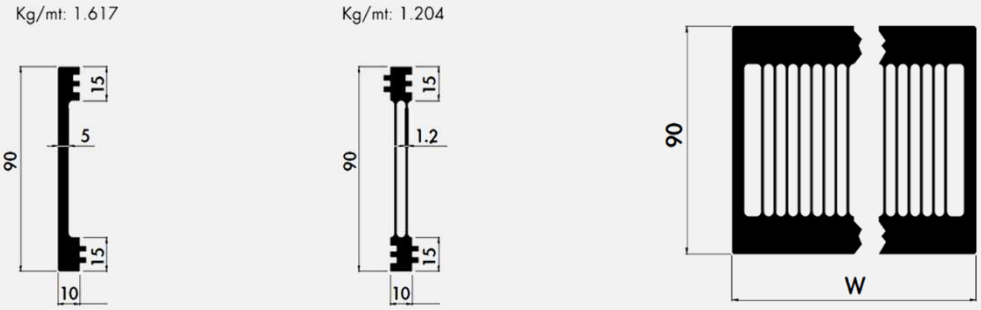
STDPA18.05



Rth N : 0,37 K/W
Rth F : 0,125 K/W

L: 150 mm
W : 100 mm

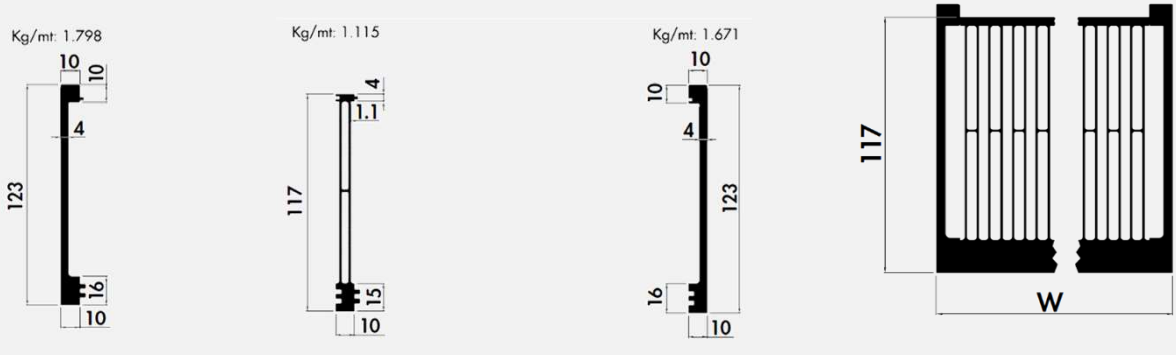
STDPA18.06



Rth N : 0,4 K/W
Rth F : 0,137 K/W

L: 150mm
W : 100 mm

STDPA18.08



Rth N : 0,32 K/W
Rth F : 0,107 K/W

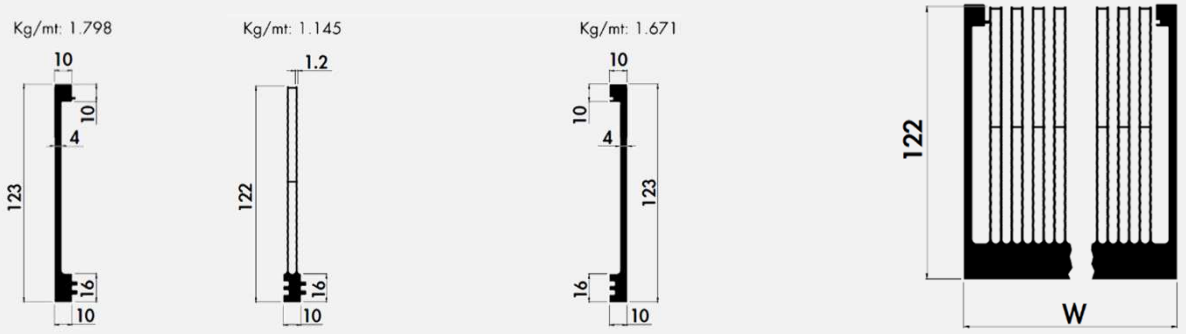
L: 150mm
W : 100 mm

Heat Sinks

SERIE PA - Following

High Power

STDPA18.09



Rth N : 0,31 K/W
Rth F : 0,104 K/W

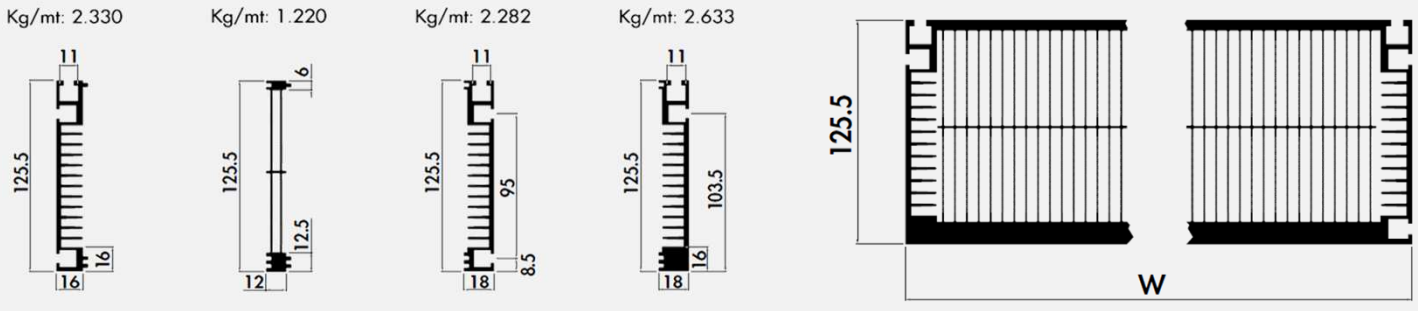
L: 150 mm
W : 100 mm

STDPA18.21

Rth N : 0,28 K/W
Rth F : 0,095 K/W

L: 150mm
W : 100 mm

STDPA18.22



Rth N : 0,32 K/W
Rth F : 0,109 K/W

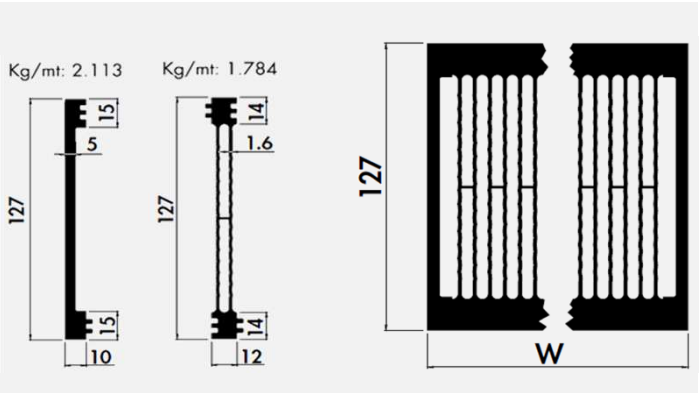
L: 150mm
W : 106 mm

Heat sinks

SERIE PA - Following

High Power

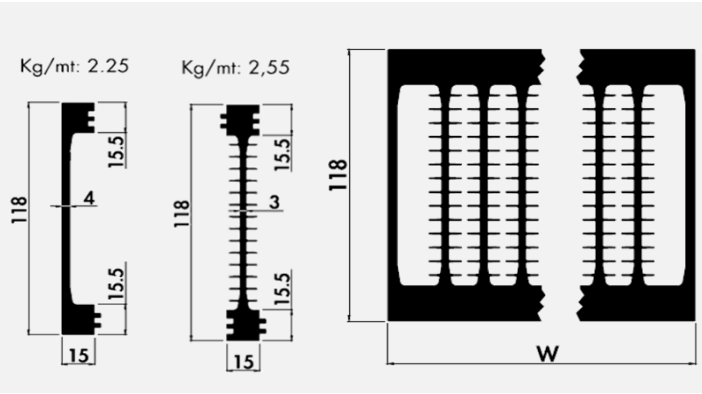
STDPA18.10



Rth N : 0,33 K/W
Rth F : 0,112 K/W

L: 1500mm
W : 104 mm

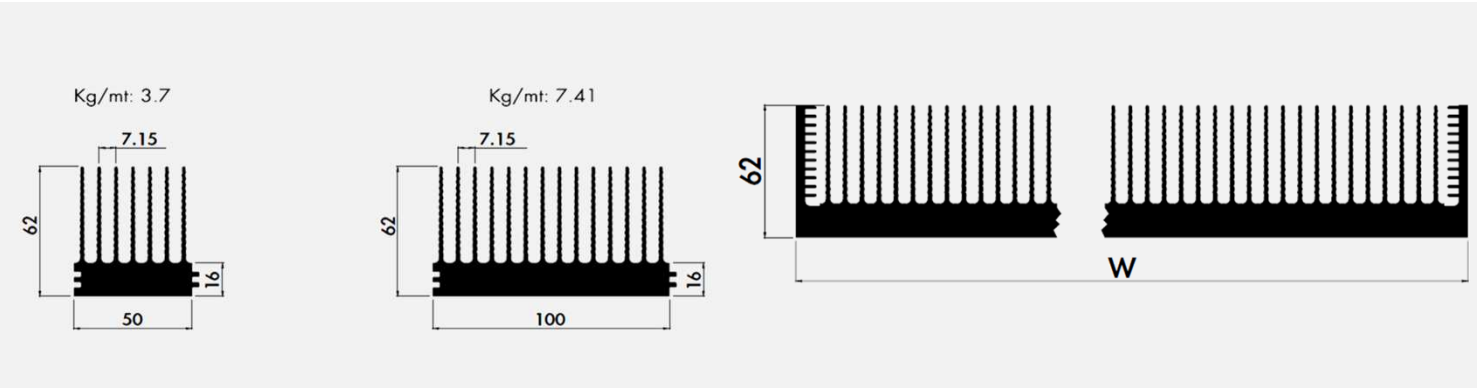
STDPA18.11



Rth N : 0,39 K/W
Rth F : 0,131 K/W

L: 150mm
W : 105 mm

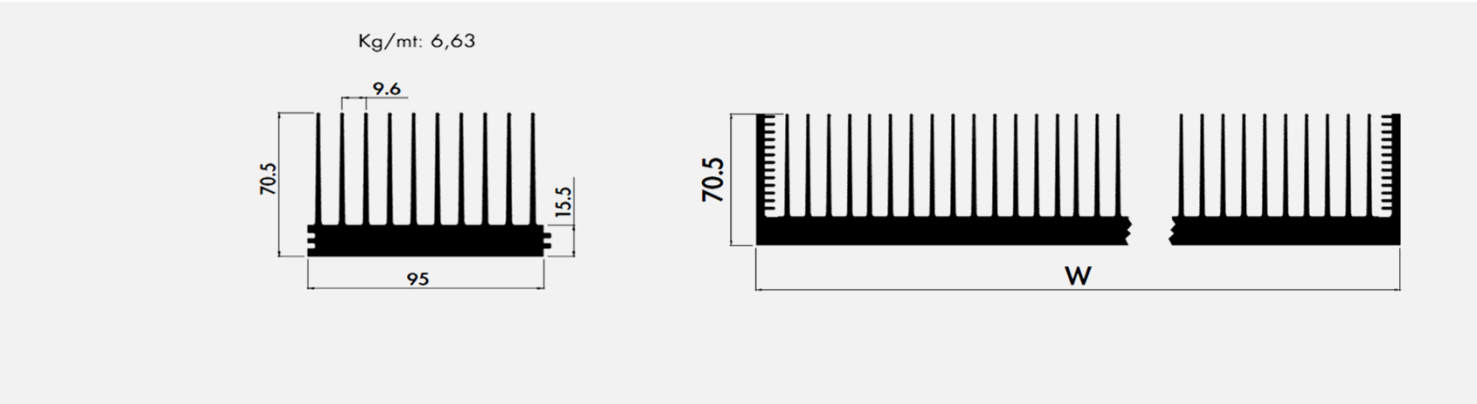
STDPA18.12



Rth N : 0,62 K/W
Rth F : 0,209 K/W

L: 150mm
W : 100 mm

STDPA18.13



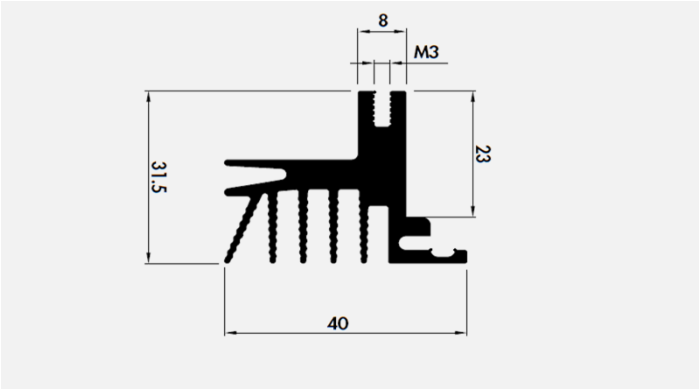
Rth N : 0,64 K/W
Rth F : 0,215 K/W

L: 150mm
W : 95 mm

SERIE L clip

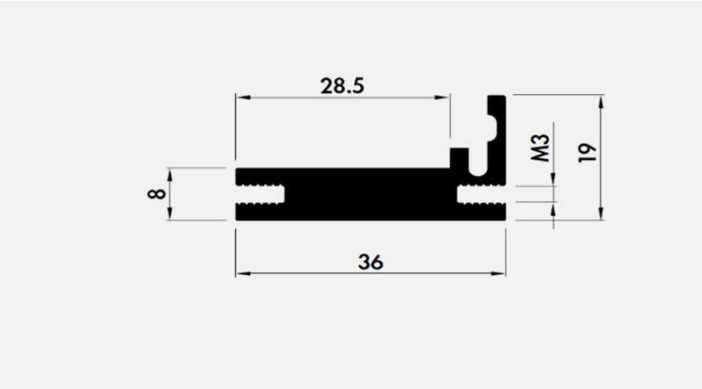
Clip System

STDLC18.01



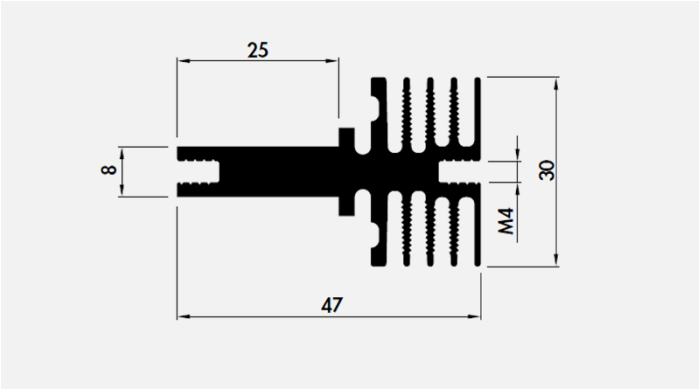
Rth N : 4,31 K/W
Rth F : 1,455 K/W
L: 50mm
P: 1,06 kg/m

STDLC18.02



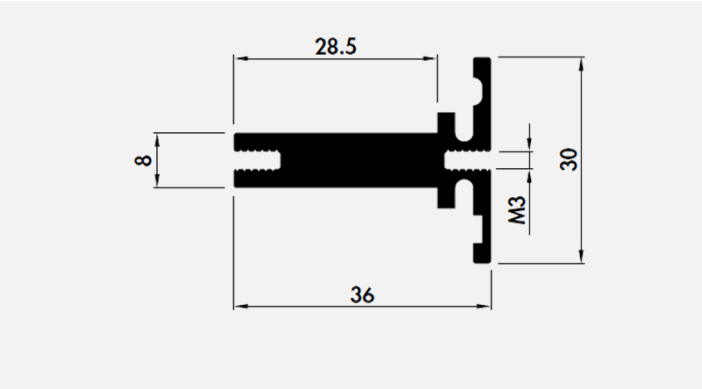
Rth N : 7,24 K/W
Rth F : 2,448 K/W
L: 50mm
P: 0,76 kg/m

STDLC18.03



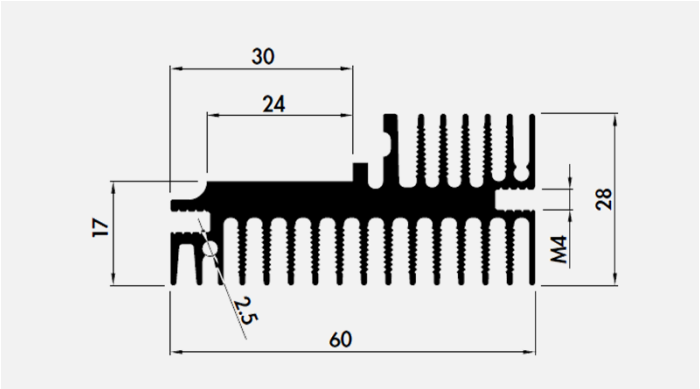
Rth N : 3,53 K/W
Rth F : 1,193 K/W
L: 50mm
P: 1,31 kg/m

STDLC18.04



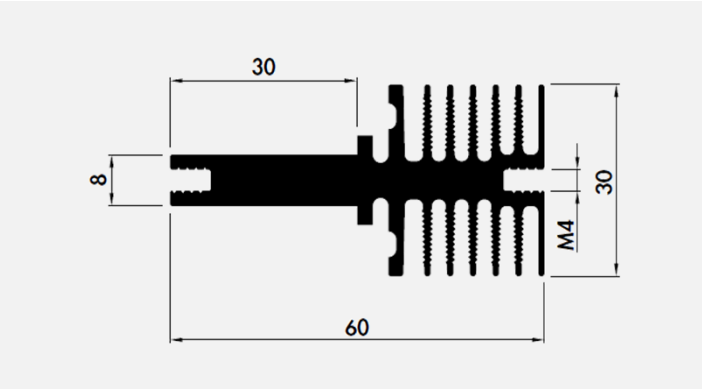
Rth N : 6,34 K/W
Rth F : 2,144 K/W
L: 50mm
P: 0,84 kg/m

STDLC18.05



Rth N : 2,34 K/W
Rth F : 0,79 K/W
L: 50mm
P: 1,72 kg/m

STDLC18.06

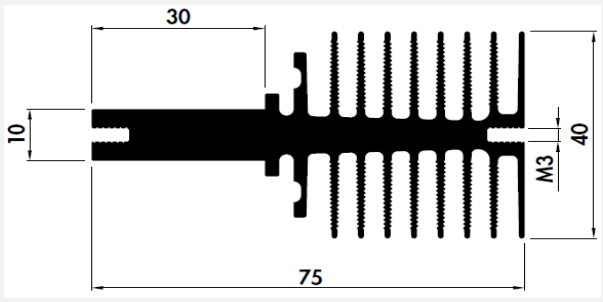


Rth N : 2,86 K/W
Rth F : 0,966 K/W
L: 50mm
P: 1,71 kg/m

SERIE L clip - Following

Clip System

STDLC18.07



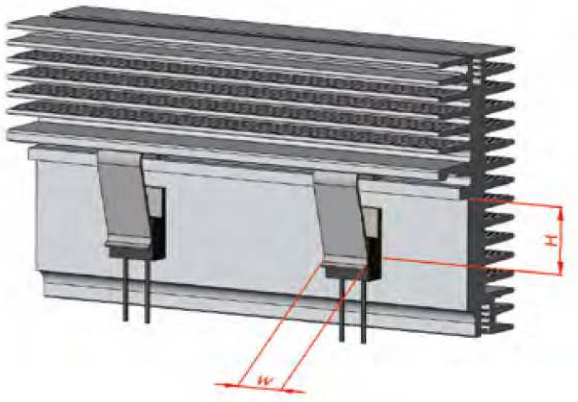
Rth N : 1,99 K/W

Rth F : 0,673 K/W

L: 50mm

P: 2,61 kg/m

Référence des clips	Hauteur H (mm)	Largeur W (mm)	Force (N)	Conditionnement	Traitemenent de surface
M1	13.5	10	20	TO220	Zinc/Nickel
M2	13.5	13	60	TO220	Zinc/Nickel
M3	13.5	15	45	TO218 TO220 TO247	Zinc/Nickel
M4	13.5	20	40	TO247	Zinc/Nickel
M10	17.5	12	40	TO220	Zinc/Nickel
M12	17.5	6	20	TO92	Zinc/Nickel



Heat Sinks

SERIE Pm & Pm+

The PM series is a totally innovative product: fully custom heat sinks with standard solution specifications. Realized by mechanical assembly of the base and the fins, using an exclusive and patented technology, the Pm series guarantees specifications of unambiguous excellence.

From raw material to finished product: the thermal performances of the Pm and Pm+ series are unique and, compared to the best and most efficient heat sinks compared to our peers, they guarantee an average decrease in thermal resistance between 7 and 10%.

None of our competitors has complete control over the entire production, from raw material to finished product. This allows us to be the only company on the market to launch this type of technological solution.
There are no other alternatives to the Pm and Pm+ series.

Beyond limits! The Pm+ series completely redefines all dimensional limits currently available with other technologies. Pm+ is a dissipator of ... is a monolithic heat sink completely flexible with regard to each individual design requirement: base width, length and base thickness; the thickness of the fins and the distance between the fins. The freedom to design fully customized solutions with no attachments, using a standard product.

Mechanical properties -

- Tensile strength: 80 N/mm2
- 0.2% yield strength: 35 N/mm2
- Brinell hardness: 21
- Elastic modulus: 65 kN/mm2

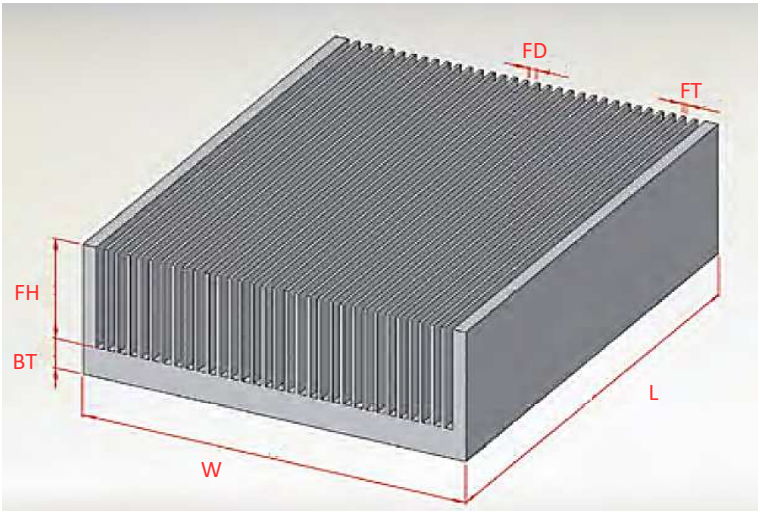
Physical properties*

- Thermal conductivity: 229 W/mK
- Electrical conductivity: 35.4 m/Ω mm2
- Coefficient of linear thermal expansion: 23.6 1/Kx106

**Valid for aluminium alloy EN A W-1050A (Al99,5) - other aluminium alloys available on request.*

Dimensional specifications series Pm

Properties	Mark	Values
Width of the heatsink	W	max 700 mm
Length of the dissipator	L	max 1 000 mm
Thickness of the base	BT	8 ÷ 30 mm
Height of the fins	FH	max 150 mm
Thickness of the fins	FT	1 ÷ 3 mm
Distance between fins	FD	min 2 mm
Aspect ratio	(FH/FD)	max 75:1
Tolerances	/	ISO 2768-mk

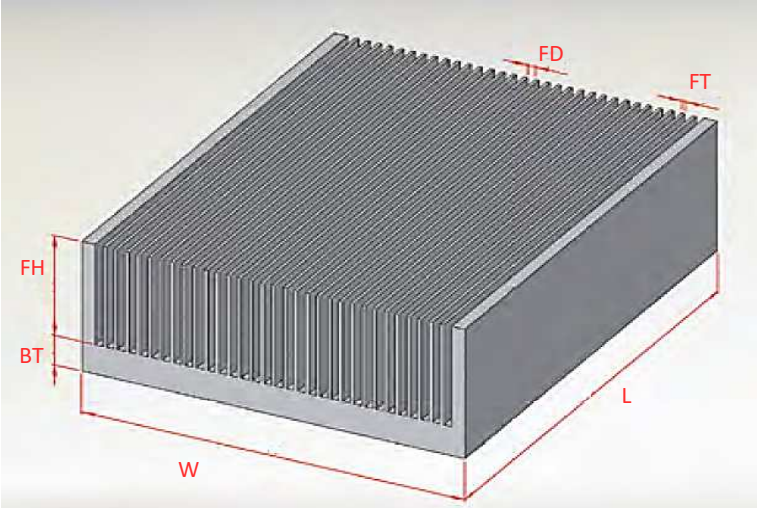


Heat Sinks

SERIE Pm & Pm+ - Following

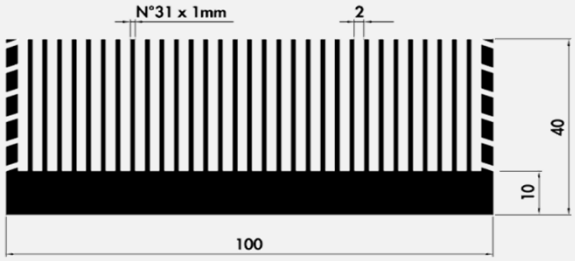
Dimensional specifications series Pm+

Properties	Mark	Values
Width of the heatsink	W	max 800 mm
Length of the dissipator	L	max 3 000 mm
Thickness of the base	BT	5 ÷ 50 mm
Height of the fins	FH	max 150 mm
Thickness of the fins	FT	min 0,8 mm
Distance between fins	FD	min 2 mm
Aspect ratio	(FH/FD)	max 43:1
Tolerances	/	ISO 2768-mk

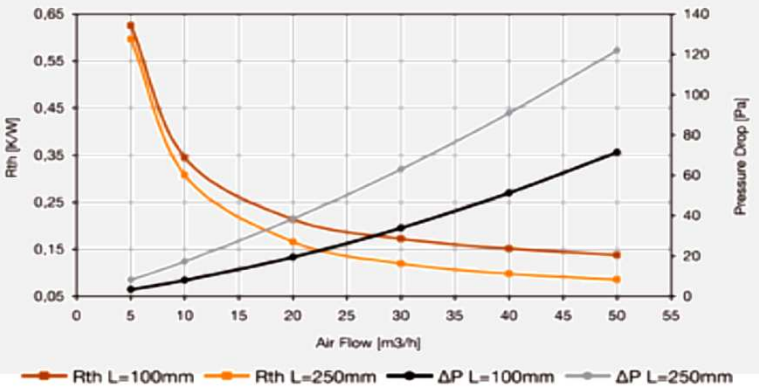


Profiles series Pm and Pm+

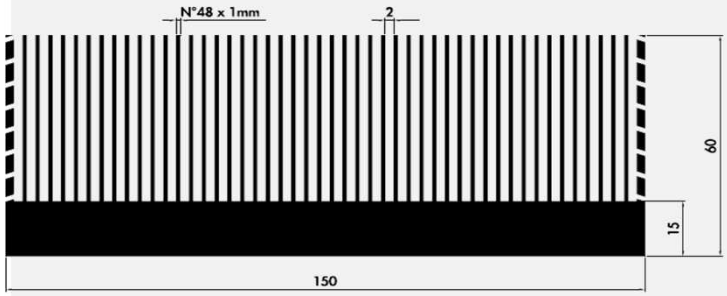
STDPM18.01 — P : 5,21 Kg/m



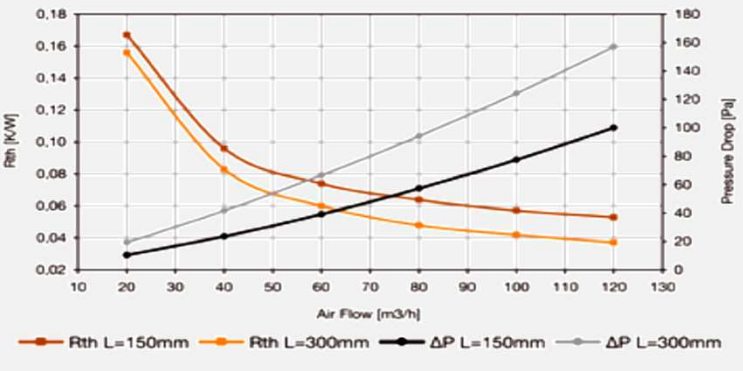
STDPM+18.01 — P : 5,62 Kg/m



STDPM18.02 — P: 11,18 Kg/m



STDPM+18.02 — P: 12,39 Kg/m

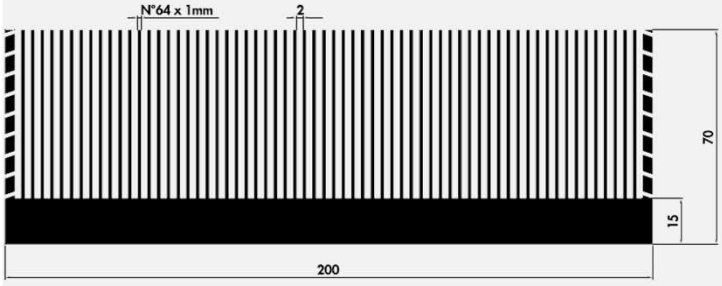


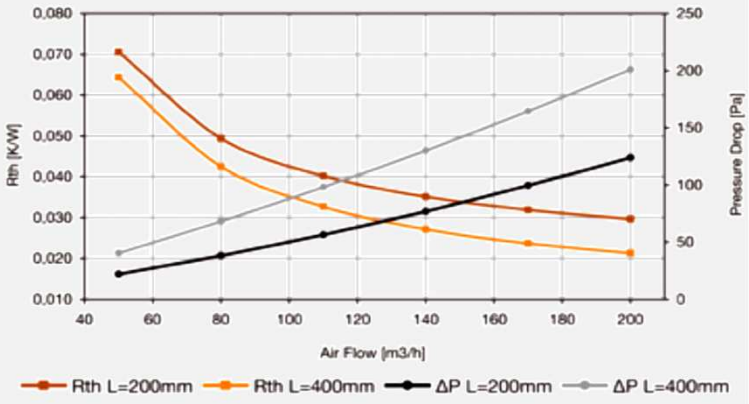
Heat Sinks

SERIE Pm & Pm+ - Following

STDPM18.03 STDPM+18.03

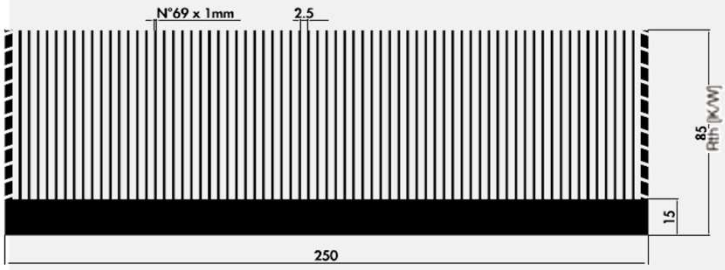
P: 17,6 Kg/m P: 18,5 Kg/m

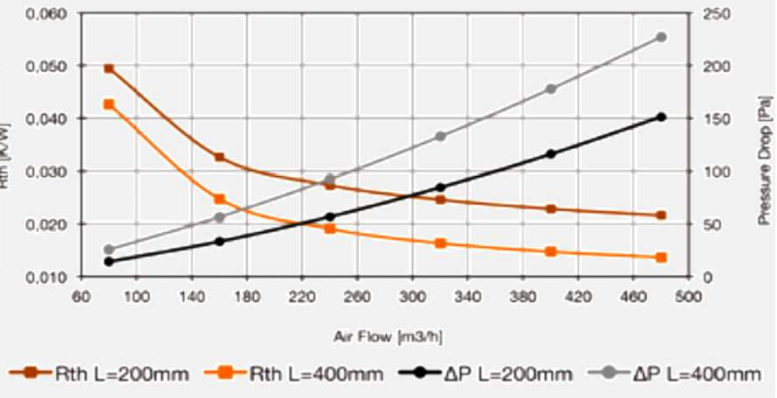




STDPM18.04 STDPM+18.04

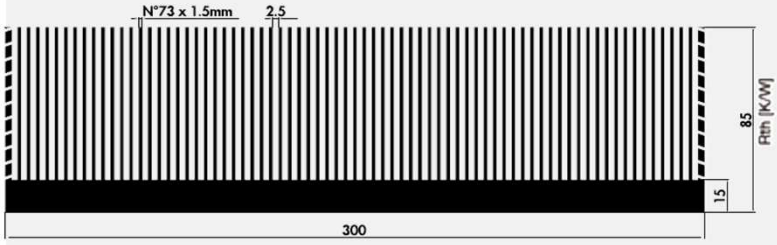
P: 23,17 Kg/m P: 24,3 Kg/m

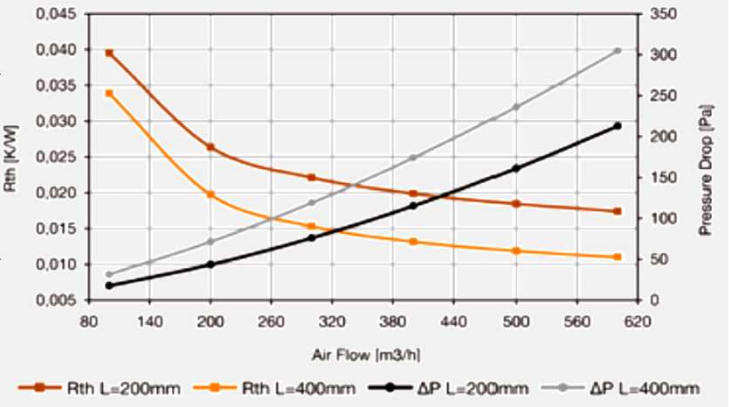




STDPM18.05 STDPM+18.05

P: 32,85 Kg/m P: 33,89 Kg/m



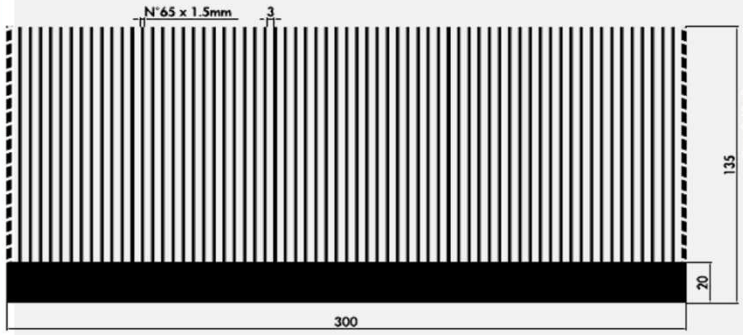


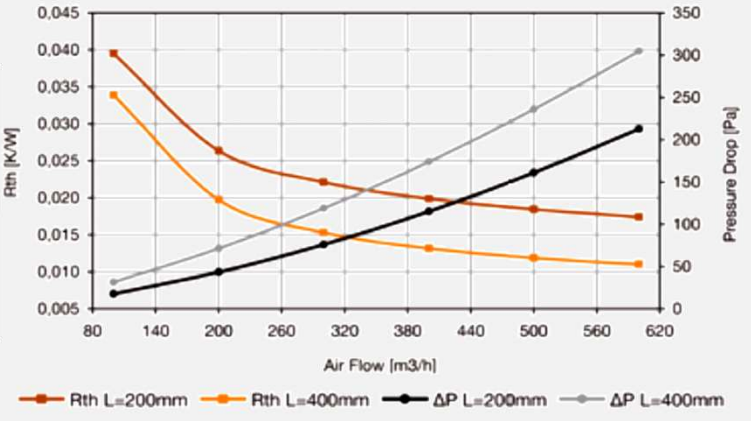
Heat Sinks

SERIE Pm & Pm+ - Following

STDPM18.06 STDPM+18.06

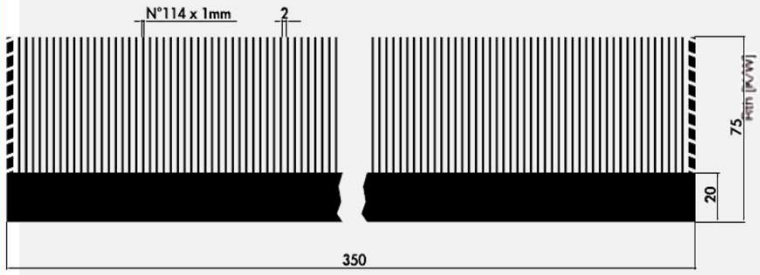
P: 46,47 Kg/m P: 47,87 Kg/m

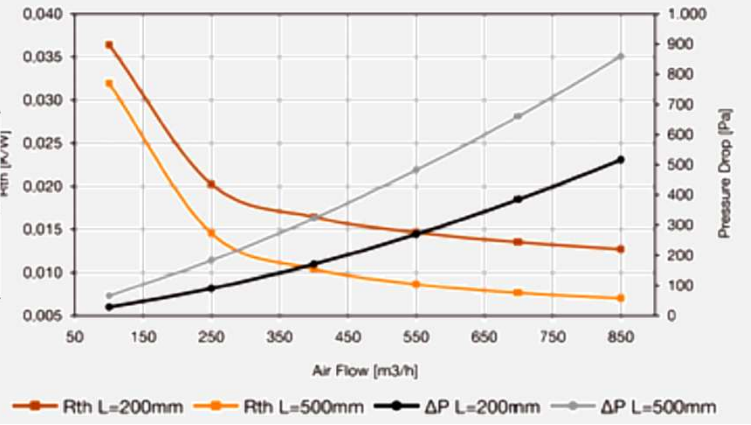




STDPM18.07 STDPM+18.07

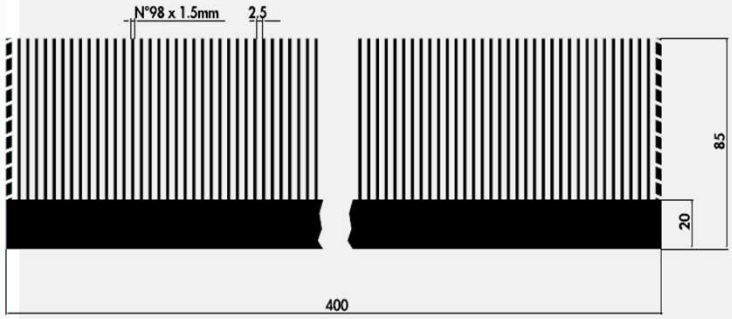
P: 35,83 Kg/m P: 36,72 Kg/m

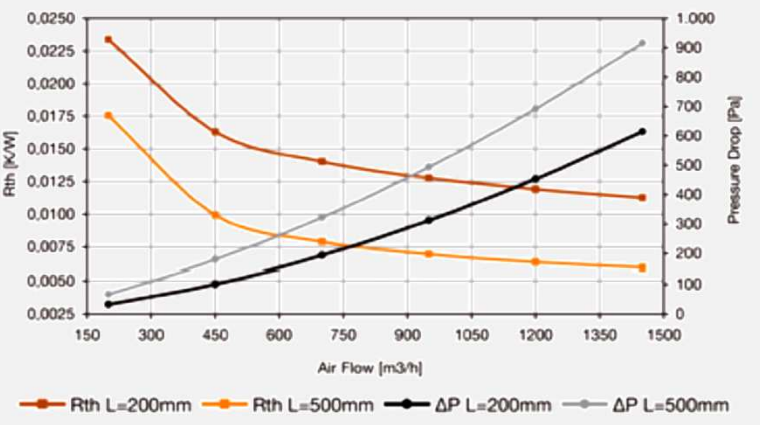




STDPM18.08 STDPM+18.08

P: 47,4 Kg/m P: 48,36 Kg/m



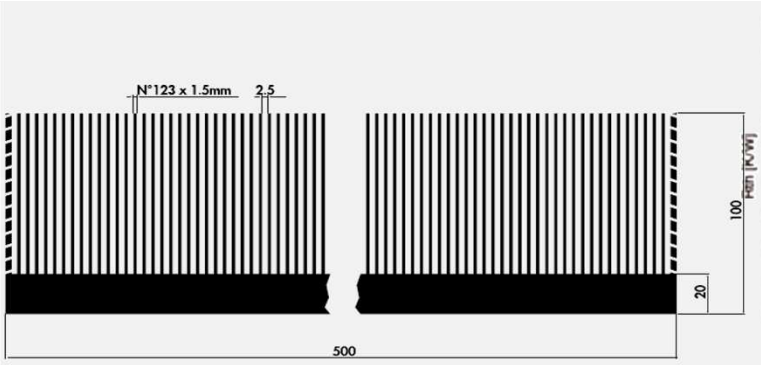


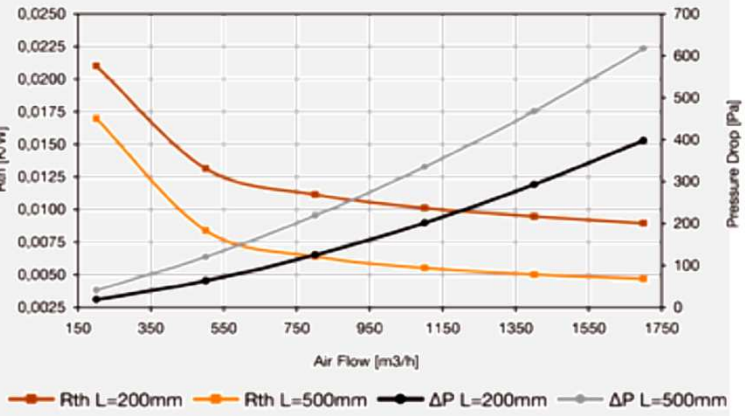
Heat Sinks

SERIE Pm & Pm+ - Following

STDPM18.09 STDPM+18.09

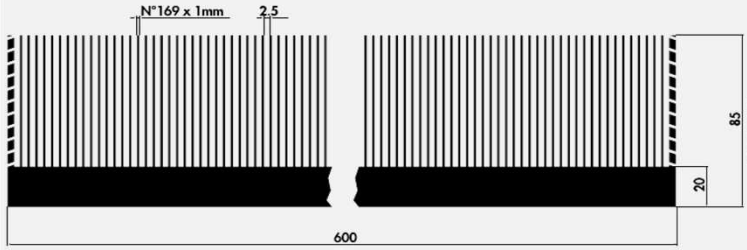
P: 66,85 Kg/m P: 68,04 Kg/m

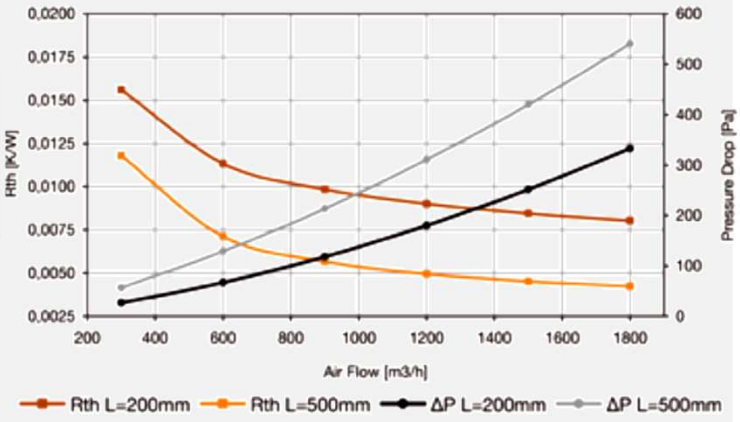




STDPM18.10 STDPM+18.10

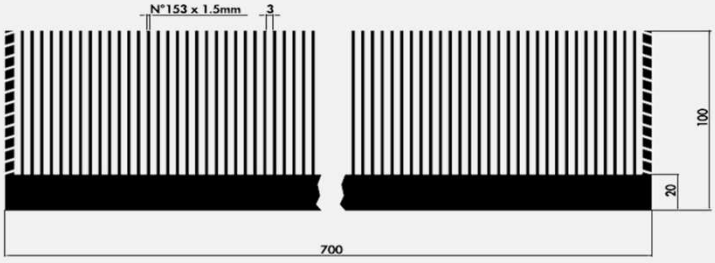
P: 62,06 Kg/m P: 63,11 Kg/m

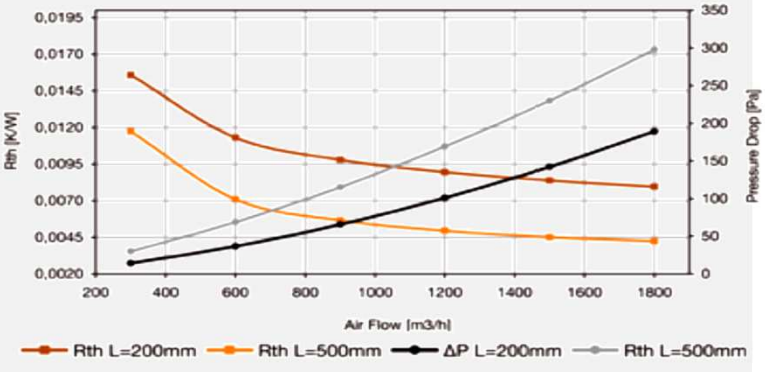




STDPM18.11 STDPM+18.11

P: 87,37 Kg/m P: 89,21 Kg/m

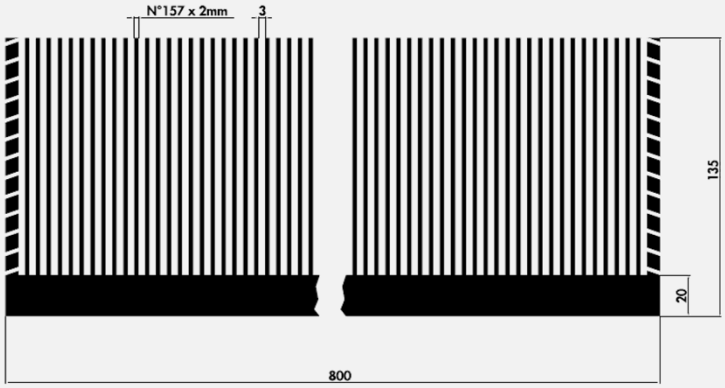


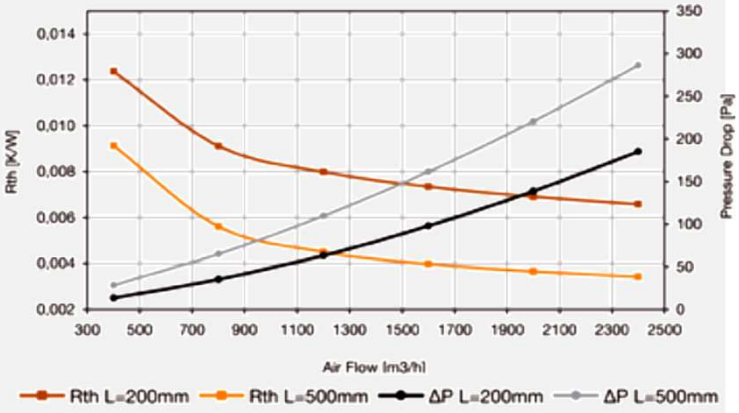


Heat Sinks

SERIE Pm & Pm+ - Following

STDPM18.12	STDPM+18.12
P: 140,7 Kg/m	P: 144,42 Kg/m





Heat Sinks

SERIE PB

Brazed fins

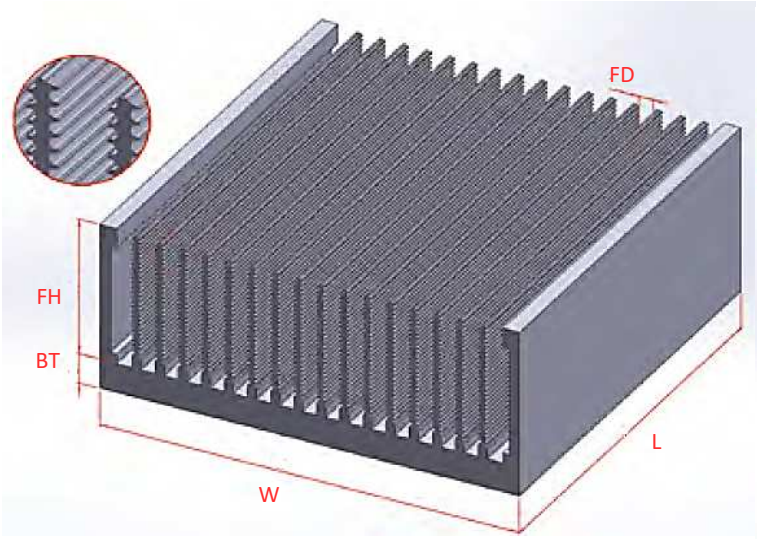
Spécifications dimensionnelles série PB

Propriétés	Repères	Valeurs
Largeur du dissipateur	W	max 1 000 mm
Longueur du dissipateur	L	max 1 000 mm
Epaisseur de la base	BT	5 ÷ 35 mm
Hauteur des ailettes	FH	max 150 mm
Distance entre ailettes	FD	min 2 mm
Ratio d'aspect	(FH/FD)	max 75:1
Tolérances	/	ISO 2768-mk

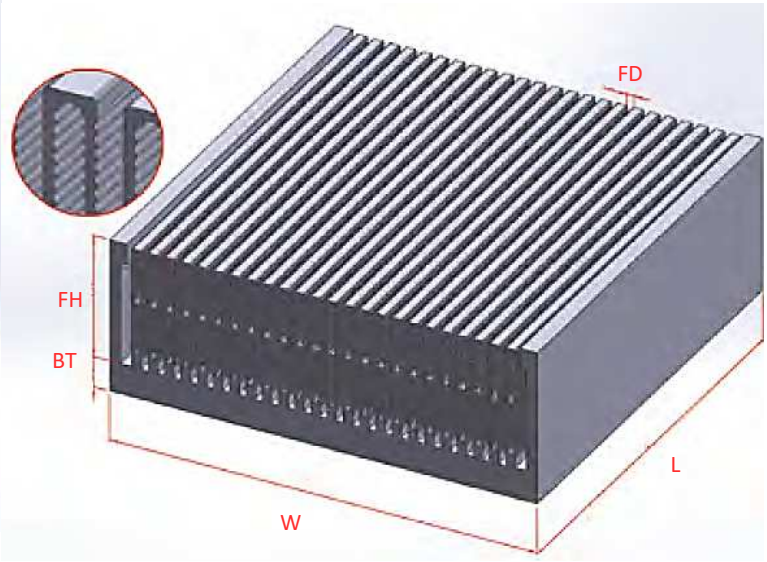
Matières

- Matière des ailettes : EN AW-1050A
- Matière des ailettes latérales : EN AW-6060
- Matière de la base : EN AW-1050A
  ou EN AW-6060

Série **PBS**

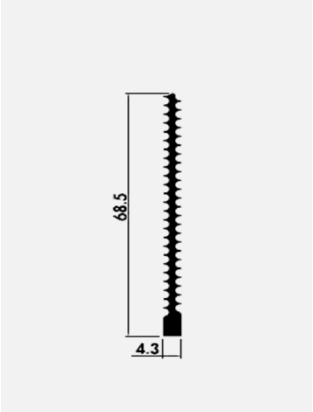


Série **PBH**

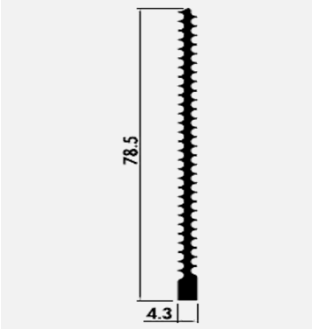


Profils série PB

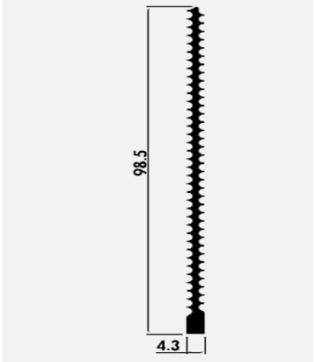
STDPBS18.01
P: 0,476 Kg/m



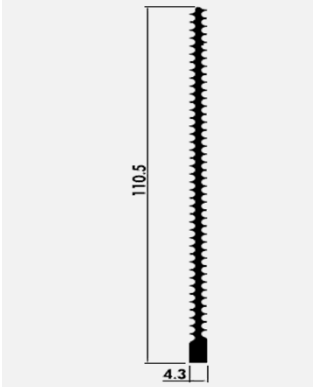
STDPBS18.02
P: 0,541 Kg/m



STDPBS18.03
P: 0,671 Kg/m



STDPBS18.04
P: 0,754 Kg/m



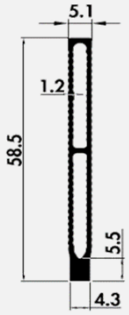
Heat Sinks

SERIE PB - Following

Brazed fins

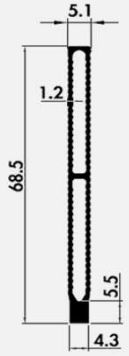
STDPBH18.01

P: 0,424 Kg/m



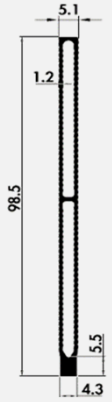
STDPBH18.02

P: 0,485 Kg/m



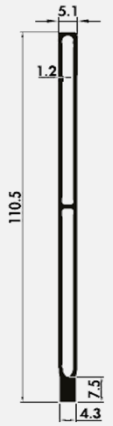
STDPBH18.03

P: 0,677 Kg/m



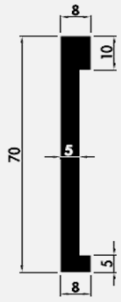
STDPBH18.04

P: 0,764 Kg/m



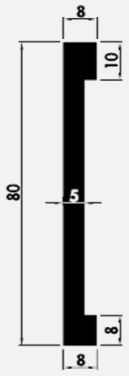
STDPBSF18.01

P: 1,066 Kg/m



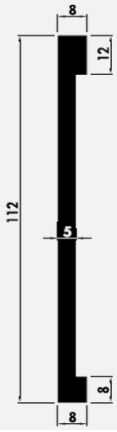
STDPBSF18.02

P: 1,226 Kg/m



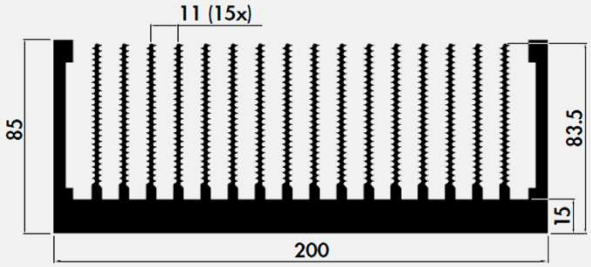
STDPBSF18.03

P: 1,67 Kg/m

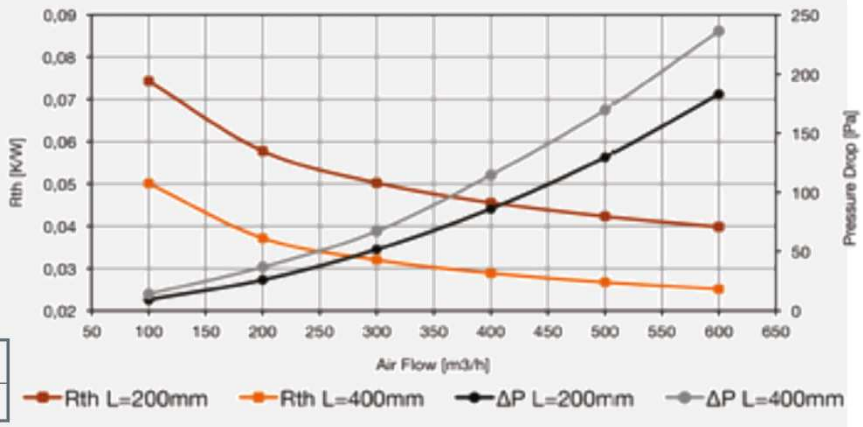


STDPBS18.05

P: 17,85 Kg/m



L [mm]	100	200	300	400
Rth,N (K/W)	0,449	0,278	0,210	0,172



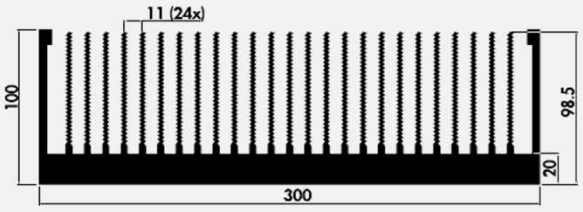
Heat Sinks

SERIE PB - Following

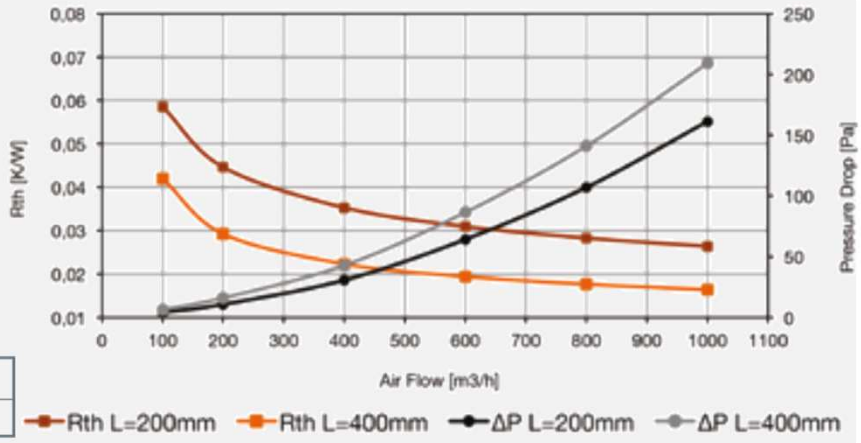
Brazed fins

STDPBS18.06

P: 32,18 Kg/m

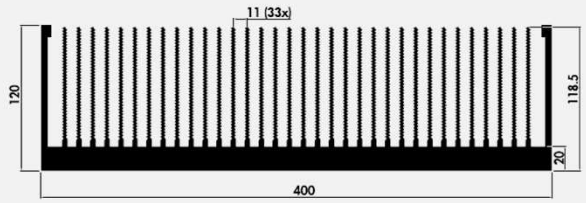


L [mm]	200	300	400	500
Rth,N (K/W)	0,191	0,144	0,118	0,101

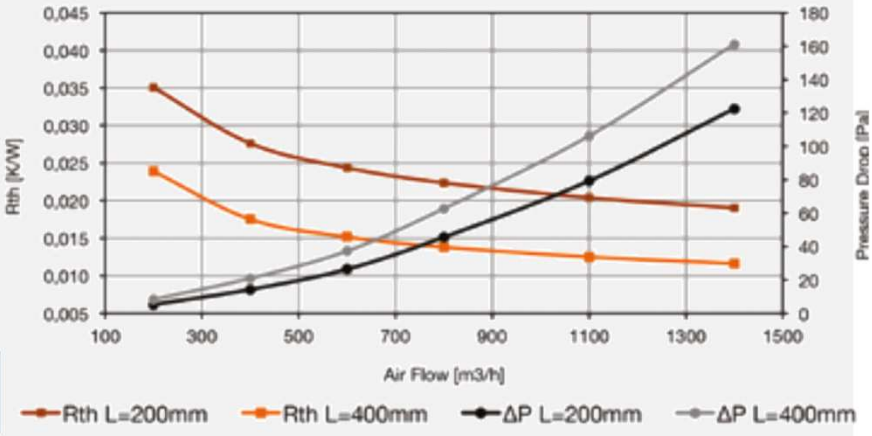


STDPBS18.07

P: 47,31 Kg/m

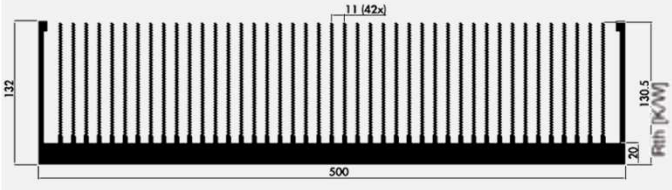


L [mm]	200	300	400	500
Rth,N (K/W)	0,134	0,101	0,083	0,071

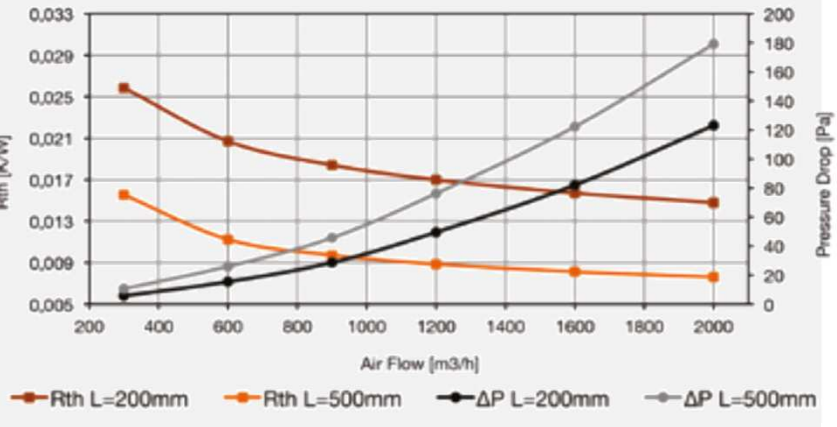


STDPBS18.08

P: 62,79 Kg/m



L [mm]	200	300	400	500
Rth,N (K/W)	0,107	0,081	0,066	0,057



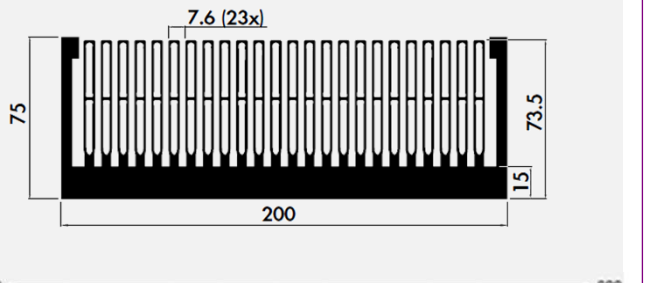
Heat Sinks

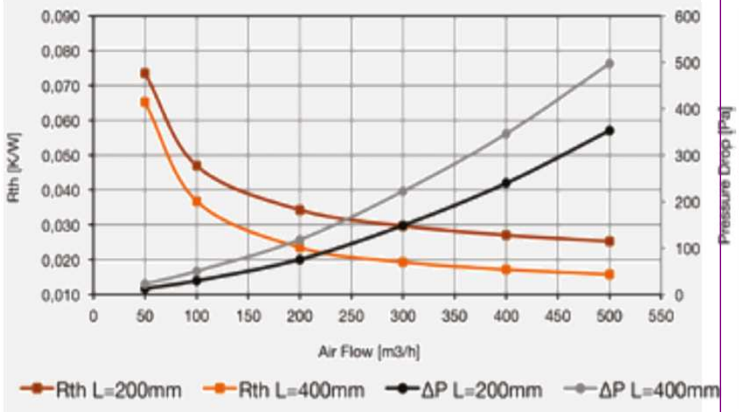
SERIE PB - Following

Brazed fins

STDPBH18.05

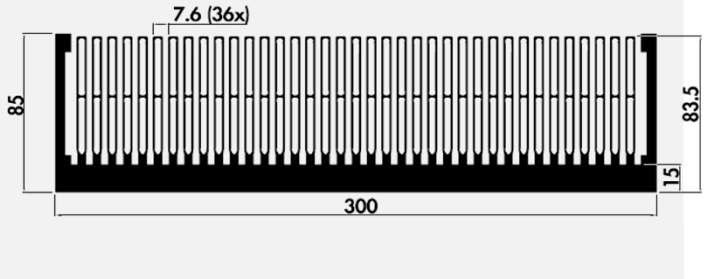
P: 20,07 Kg/m

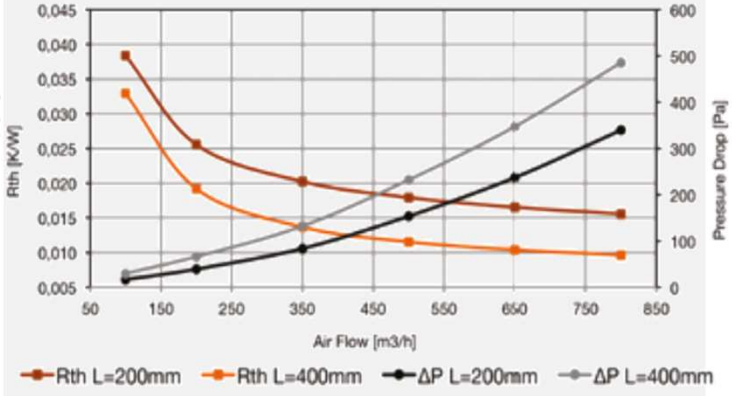




STDPBH18.06

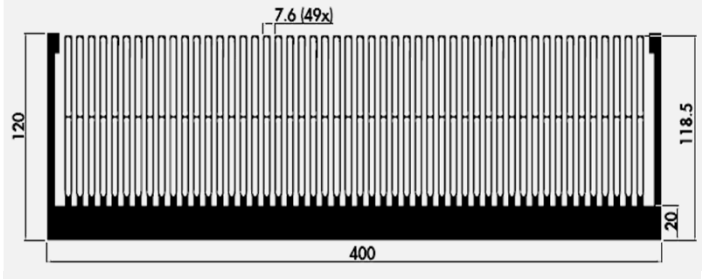
P: 32,24 Kg/m

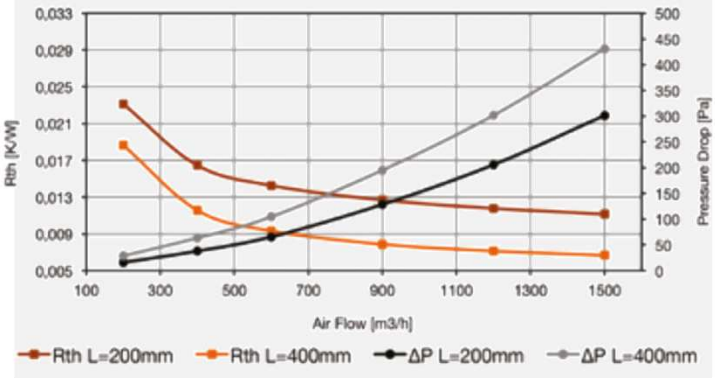




STDPBH18.07

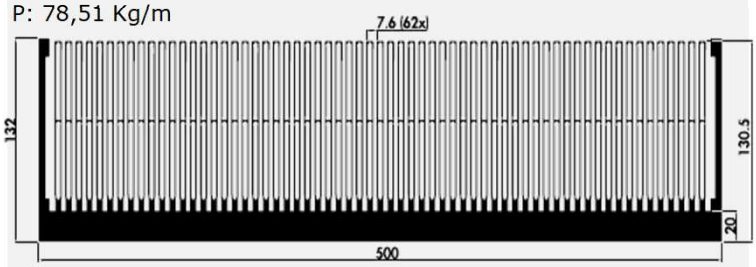
P: 58,36 Kg/m

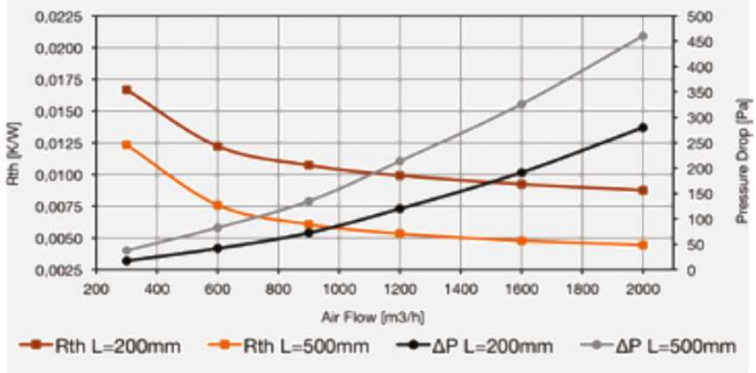




STDPBH18.08

P: 78,51 Kg/m





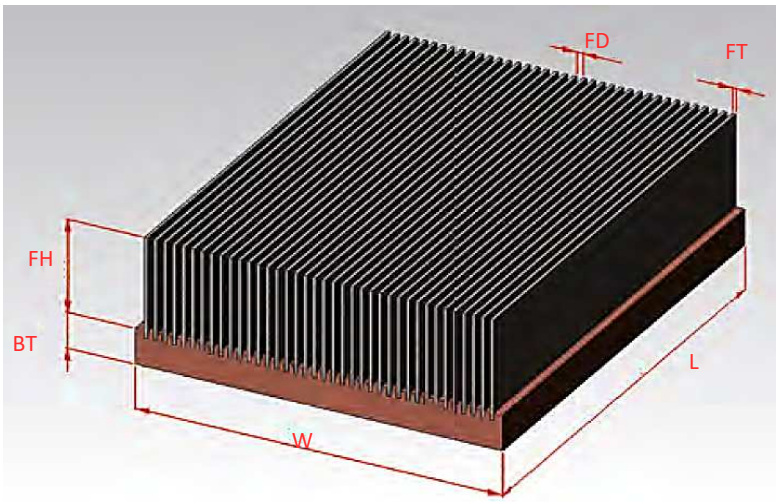
Heat Sinks

SERIE PR

Glued fins

Dimensional specifications series PR

Properties	Mark	Values
Width of the heatsink	W	≤ 500 mm
Length of the dissipator	L	≤ 700 mm
Thickness of the base	BT	≥ 8 mm
Height of the fins	FH	≤ 150 mm
Width of the fins	FT	≤ 3 mm
Distance between fins	FD	≥ 3 mm

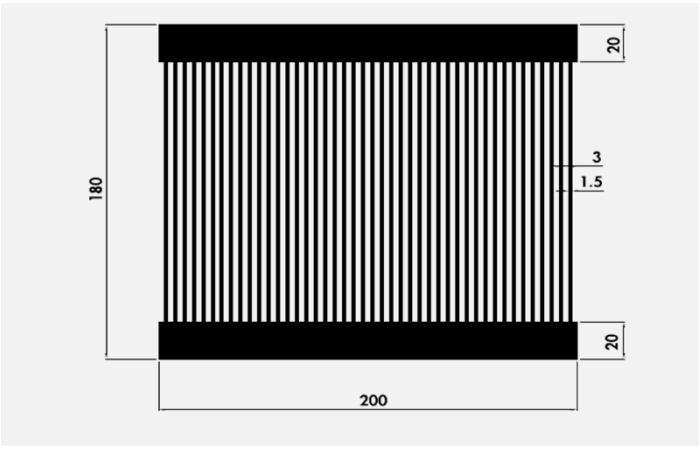


Materials: base - fins

- Aluminium - Aluminium
- Aluminium - Copper
- Copper - copper

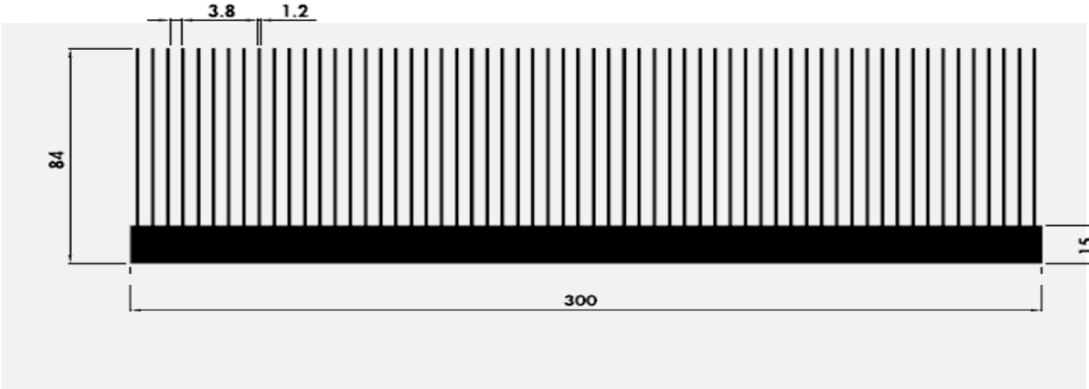
Profiles series PR

STDPR18.01



Rth N : 0,12 K/W
Rth F : 0,04 K/W
P : 46,55 Kg/m
L: 200 mm

STDPR18.02



Rth N : 0,12 K/W
Rth F : 0,039 K/W
P : 25,55 Kg/m
L: 300 mm

The results were obtained under laboratory conditions and should be considered for information purposes only. AB2E having no control over its customers' hardware and many other factors, it is the user's responsibility to perform their own tests to ensure that the product meets their needs.