

Design IPE	DIMENSIONS IN mm					FOR THE FLEXURE AXIS										
	h	b	S	t	r	F cm ²	G kg/m	U m ² /m	X-X			Y-Y			S _x cm ³	s _x cm
									J _x cm ⁴	W _x cm ³	i _x cm	J _y cm ⁴	W _y cm ³	I _y cm		
80	80	46	3.8	5	5	8	6	0.33	80	20	3.24	8	3.7	1.05	12	6.9
100	100	55	4.1	6	7	10	8.1	0.40	171	34	4.07	16	5.8	1.24	19.7	8.7
120	120	64	4.4	6	7	13	10.4	0.48	318	53	4.90	28	8.7	1.45	30	10.5
140	140	73	4.7	7	7	16	12.9	0.55	541	77	5.74	45	12.3	1.65	44.2	12.3
160	160	82	5	7	9	20	15.8	0.62	869	109	6.58	68	16.7	1.84	62	14.0
180	180	91	5.3	8	9	24	18.8	0.70	1320	146	7.42	101	22.2	2.05	83.2	15.8
200	200	100	5.6	9	12	29	22.4	0.77	1940	194	8.26	142	28.5	2.24	110	17.6
220	220	110	5.9	9	12	33	26.2	0.85	2770	252	9.11	205	37.3	2.48	143.0	19.4
240	240	120	6.2	10	15	39	30.7	0.92	3890	324	9.97	284	47.3	2.69	183	21.2
270	270	135	6.6	10	15	46	36.1	1.04	5790	429	11.20	420	62.2	3.02	242.0	23.9
300	300	150	7.1	11	18	54	42.2	1.16	8360	557	12.50	604	80.5	3.35	314	26.6
330	330	160	7.5	12	18	63	49.1	1.25	11770	713	13.70	788	98.5	3.55	402.0	29.3
360	360	170	8	13	21	73	57.1	1.35	16270	904	15.00	1040	123.0	3.79	510	31.9
400	400	180	8.6	14	21	85	66.3	1.47	23130	1160	16.50	1320	146.0	3.95	654.0	35.4
450	450	190	9.4	15	21	99	77.6	1.61	33740	1500	18.50	1680	176.0	4.12	851	39.7
500	500	200	10.2	16	21	116	90.7	1.74	48200	1930	20.40	2140	214.0	4.31	1,100.0	43.9
550	550	210	11.1	17	24	134	106	1.88	67120	2440	22.30	2670	254.0	4.45	1390	48.2
600	600	220	12	19	24	156	122	2.02	92080	3070	24.30	3390	308.0	4.66	1,760.0	52.4

Warning:

The data in this page is for information purposes only and must not be used in any way for any project, and, if that was the case, the person in charge of the project shall be held liable for the result of the use thereof.