



Dimensions of Steel Beams type HEA European standard EN 10025-1/2

MATERIAL: Hot rolled wide flange I-beams with parallel flanges. lightWeight type (HEA / IPBl range)

STEEL QUALITY: S235JRG2 acc. to EN 10025 (RSt 37.2 acc. to DIN 17100).

LENGTH: Beam length 6 or 12 m

TOLERANCES: Acc. to DIN 1025/3.

HEA	Weight	Dimensions-Përmastat mm				Cross Section	Section Modulus	
	Pesha					Seksioni Tërthor	Momentet e Rezistencës	
	Kg/m	cm ²		cm ³				
		h	b	s	t	F	W _x	W _y
100	16.7	96	100	5	8	21.24	72.76	26.7
120	19.9	114	120	5	8	25.34	106.3	38.4
140	24.7	133	140	5.5	8.5	31.42	155.4	55.6
160	30.4	152	160	6	9	38.77	220.1	76.9
180	35.5	171	180	6	9.5	45.25	293.6	102.7
200	42.3	190	200	6.5	10	53.83	388.6	133.6
220	50.5	210	220	7	11	64.34	515.2	177.7
240	60.3	230	240	7.5	12	76.84	675.1	230.7
260	68.2	250	260	7.5	12.5	86.82	836.4	282.1
280	76.4	270	280	8	13	97.26	1013	340.2
300	88.3	290	300	8.5	14	112.5	1260	420.6
320	97.6	310	300	9	15.5	124.4	1479	465.7
340	105	330	300	9.5	16.5	133.5	1678	495.7
360	112	350	300	10	17.5	142.8	1891	525.8
400	125	390	300	11	19	159	2311	570.9
450	140	440	300	11.5	21	178	2896	631
500	155	490	300	12	23	197.5	3550	691.1
550	166	540	300	12.5	24	211.8	4146	721.3
600	178	590	300	13	25	226.5	4787	751.4
650	190	640	300	13.5	26	241.6	5474	781.6
700	204	690	300	14.5	27	260.5	6241	811.9
800	224	790	300	15	28	285.8	7682	842.6
900	252	890	300	16	30	320.5	9485	903.2
1000	272	990	300	16.5	31	346.8	11190	933.6