



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

**MATERIAL:** Hot rolled wide flange I-beams with parallel flanges, heavy type (HEB / IPB 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 1025/2.

HEM	Weight	Dimensions-Përmastat mm				Cross Section	Section Modulus	
	Pesha					Seksioni Tërthor	Momentet e Rezistencës	
	Kg/m	cm <sup>2</sup>		cm <sup>3</sup>				
		h	b	s	t	F	W <sub>x</sub>	W <sub>y</sub>
100	42.6	120	106	12	20	53.2	190.4	75.31
120	53.1	140	126	12.5	21	66.4	288.2	111.6
140	64.4	160	146	13	22	80.6	411.4	156.8
160	77.6	180	166	14	23	97.1	566.5	211.9
180	90.6	200	186	14.5	24	113.3	748.3	277.4
200	105	220	206	15	25	131.3	967.4	354.5
220	120	240	226	15.5	26	149.4	1217	443.5
240	160	270	248	18	32	199.6	1799	657.5
260	176	290	268	18	32.5	219.6	2159	779.7
280	192	310	288	18.5	33	240.2	2551	914.1
300	242	340	310	21	39	303.1	3482	1252
320	250	359	309	21	40	312	3796	1276
340	253	377	309	21	40	315.8	4052	1276
360	255	395	308	21	40	318.8	4297	1268
400	261	432	307	21	40	325.8	4820	1260
450	268	478	307	21	40	335.4	5501	1260
500	275	524	306	21	40	344.3	6180	1252
550	284	572	306	21	40	354.4	6923	1252
600	291	620	305	21	40	363.7	7660	1244
650	299	668	305	21	40	373.7	8433	1245
700	306	716	304	21	40	383	9198	1240
800	323	814	303	21	40	404.3	10870	1230
900	339	910	302	21	40	423.6	12540	1220
1000	355	1008	302	21	40	444.2	14330	1222