



Dimensions of Steel Beams type HEB 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.

| HEB | 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 | 20.4 | 100 | 100 | 6 | 10 | 26.04 | 89.9 | 33.5 |
| 120 | 26.7 | 120 | 120 | 6.5 | 11 | 34.01 | 144.1 | 52.9 |
| 140 | 33.7 | 140 | 140 | 7 | 12 | 42.96 | 215.6 | 78.5 |
| 160 | 42.6 | 160 | 160 | 8 | 13 | 54.25 | 311.5 | 111.2 |
| 180 | 51.2 | 180 | 180 | 8.5 | 14 | 65.25 | 425.7 | 151.4 |
| 200 | 61.3 | 200 | 200 | 9 | 15 | 78.08 | 569.6 | 200.3 |
| 220 | 71.5 | 220 | 220 | 9.5 | 16 | 91.04 | 735.5 | 258.5 |
| 240 | 83.2 | 240 | 240 | 10 | 17 | 106 | 938.3 | 326.9 |
| 260 | 93 | 260 | 260 | 10 | 17.5 | 118 | 1148 | 395 |
| 280 | 103 | 280 | 280 | 10.5 | 18 | 131.4 | 1376 | 471 |
| 300 | 117 | 300 | 300 | 11 | 19 | 149.1 | 1678 | 570.9 |
| 320 | 127 | 320 | 300 | 11.5 | 20.5 | 161.3 | 1926 | 615.9 |
| 340 | 134 | 340 | 300 | 12 | 21.5 | 170.9 | 2156 | 646 |
| 360 | 142 | 360 | 300 | 12.5 | 22.5 | 180.6 | 2400 | 676.1 |
| 400 | 155 | 400 | 300 | 13.5 | 24 | 197.8 | 2884 | 721.3 |
| 450 | 171 | 450 | 300 | 14 | 26 | 218 | 3551 | 781.4 |
| 500 | 187 | 500 | 300 | 14.5 | 28 | 238.6 | 4287 | 841.6 |
| 550 | 199 | 550 | 300 | 15 | 29 | 254.1 | 4971 | 871.8 |
| 600 | 212 | 600 | 300 | 15.5 | 30 | 270 | 5701 | 902 |
| 650 | 225 | 650 | 300 | 16 | 31 | 286.3 | 6480 | 932.3 |
| 700 | 241 | 700 | 300 | 17 | 32 | 306.4 | 7340 | 962.7 |
| 800 | 262 | 800 | 300 | 17.5 | 33 | 334.2 | 8977 | 993.6 |
| 900 | 291 | 900 | 300 | 18.5 | 35 | 371.3 | 10980 | 1054 |
| 1000 | 314 | 1000 | 300 | 19 | 36 | 400 | 12890 | 1090 |