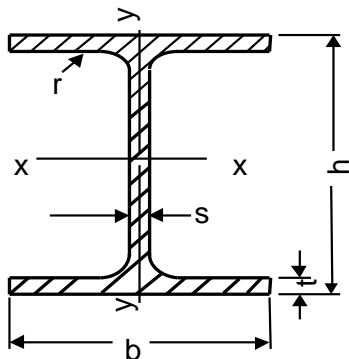




VIGAS

VIGAS HEB



DIMENSIONES

h: Altura
 b: Ancho del ala
 s: Espesor del alma
 t: Espesor del ala
 r: Angulo

MOMENTO RESPECTO A LOS EJES

I = Momento de Inercia.
 S = Momento de Resistencia
 R = Radio de Inercia, siempre referido al eje
 De reflexión correspondiente.

Longitud de 12 metros

Calidad: ⇒ ASTM - A - 36.
 ⇒ ST - 37 - 2.

HEB (I) IPB	DIMENSIONES (mm)					ÁREA cm ²	PESO kg/m	MOMENTO RESPECTO A LOS EJES					
	h	b	s	t	r			EJE X - X			EJE Y - Y		
								Ix cm ⁴	Sx cm ³	Rx cm	Iy cm ⁴	Sy cm ³	Ry cm
100	100	100	6.0	10.0	12	26.0	20.4	450	89.9	4.16	167	33.5	2.53
120	120	120	6.5	11.0	12	34.0	26.7	864	144.0	5.04	318	52.9	3.05
140	140	140	7.0	12.0	12	43.0	33.7	1510	216.0	5.93	550	78.5	3.58
160	160	160	8.5	13.0	15	54.3	42.6	2490	311.0	6.78	889	111.0	4.05
180	180	180	8.5	14.0	15	65.3	51.2	3830	426.0	7.66	1360	151.0	4.57
200	200	200	9.0	15.0	18	78.1	61.3	5700	570.0	8.54	2000	200.0	5.07
220	220	220	9.5	16.0	18	91.0	71.5	8090	736.0	9.43	2840	258.0	5.59
240	240	240	10.0	17.0	21	106.0	83.2	11260	938.0	10.30	3920	327.0	6.08
260	260	260	10.0	17.5	24	118.0	93.0	14920	1150.0	11.20	5130	395.0	6.58
280	280	280	10.5	18.0	24	131.0	103.0	19270	1380.0	12.10	6590	471.0	7.09
300	300	300	11.0	19.0	27	149.0	117.0	25170	1680.0	13.00	8560	571.0	7.58
320	320	300	11.5	20.5	27	161.0	127.0	30820	1930.0	13.80	9240	616.0	7.57
340	340	300	12.0	21.5	27	171.0	134.0	36660	2160.0	14.60	9690	646.0	7.53
360	360	300	12.5	22.5	27	181.0	142.0	43190	2400.0	15.50	10140	676.0	7.40
400	400	300	13.5	24.0	27	198.0	155.0	57680	2880.0	17.10	10820	721.0	7.39
450	450	300	13.5	26.0	27	218.0	171.0	79890	3550.0	19.10	11720	781.0	7.33
500	500	300	14.5	28.0	27	239.0	187.0	107200	4290.0	21.20	12620	842.0	7.27
550	550	300	15.0	29.0	27	254.0	199.0	136700	4970.0	23.20	13080	872.0	7.17
600	600	300	15.5	30.0	27	270.0	212.0	171000	5700.0	25.20	13980	902.0	7.08
650	650	300	16.0	31.0	27	286.0	225.0	210600	6480.0	27.10	14000	932.0	6.99
700	700	300	17.0	32.0	27	306.0	241.0	256900	7340.0	29.00	14400	963.0	6.87
800	800	300	17.5	33.0	30	334.0	262.0	359100	8980.0	32.80	14900	994.0	6.68
900	900	300	18.5	35.0	30	371.0	291.0	494100	10980.0	36.50	15820	1050.0	6.53
1000	1000	300	19.0	36.0	30	400.0	314.0	644700	12890.0	40.10	16280	1090.0	6.38