

Catalogo de perfiles almatec



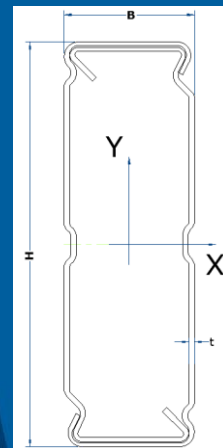
📍 CALI

💧 CVTI

LÍNEA DE
PERLINES

Perfil Viga BOX

Propiedades Mecánicas



Propiedades Mecánicas Vigas Box

Perfil	Espesor <i>t</i> (mm)	Peso (Kg/m)	Alto <i>H</i> (mm)	Ancho <i>B</i> (mm)	Torsional		Momento de Inercia		Modulo de Sección		Radio de Giro		
					<i>C_w</i> (mm ⁶)	<i>J</i> (mm ⁴)	<i>I_x</i> (mm ⁴)	<i>I_y</i> (mm ⁴)	<i>S_x</i> (mm ³)	<i>S_y</i> (mm ³)	<i>r_x</i> (mm)	<i>r_y</i> (mm)	<i>r₀</i> (mm)
B7A	1.5	4.32	70	50	2.4129E+06	289819	436,712	175,927	12,302	7,181	28.17	17.88	33.36
B7B	2.0	5.69	70	50	3.1296E+06	376484	559,117	226,560	15,750	9,247	27.75	17.66	32.90
B9A	1.5	4.79	90	50	1.3574E+07	412064	782,345	209,782	17,194	8,563	35.80	18.54	40.31
B9B	2.0	6.23	90	50	1.7636E+07	536379	1,009,247	270,767	22,181	11,052	354.00	18.31	39.85
B11A	1.5	5.26	110	50	3.9972E+07	539,250.00	1,249,135	243,637	22,507	9,944	43.16	19.06	47.19
B11B	2.0	6.95	110	50	5.2005E+07	702,714.00	1,619,319	314,973	29,177	12,856	42.75	18.86	46.73
B13A	1.5	5.73	130	50	8.8344E+07	669,663.00	1,849,080	277,492	28,230	11,326	50.31	19.49	53.96
B13B	2.0	7.58	130	50	1.1504E+08	873,239.00	2,405,332	359,180	36,723	14,660	49.90	19.28	53.50
B15A	1.5	6.20	150	50	1.6556E+08	802,299.00	2,594,182	311,347	34,360	12,708	57.29	19.85	60.63
B15B	2.0	8.20	150	50	2.1572E+08	1,046,642.00	3,383,287	403,386	44,812	16,465	56.88	19.64	60.17

Perfil Perlito BOX

Propiedades Mecánicas



Propiedades Mecánicas Perlín Box

Perfil	Espesor <i>t</i> (mm)	Peso (Kg/m)	Alto <i>H</i> (mm)	Ancho <i>B</i> (mm)	Nominal		Momento de Inercia		Modulo de Sección		Radio de Giro		
					<i>C_w</i> (mm ⁶)	<i>J</i> (mm ⁴)	<i>I_x</i> (mm ⁴)	<i>I_y</i> (mm ⁴)	<i>S_x</i> (mm ³)	<i>S_y</i> (mm ³)	<i>r_x</i> (mm)	<i>r_y</i> (mm)	<i>r₀</i> (mm)
B20A	1.5	8.15	200	67	7.1316E+08	1,945,299.00	6,142,422	799,729	61,424	23,872	76.88	27.74	81.73
B20B	2.0	10.81	200	67	9.3515E+08	2,552,455.00	8,056,000	1,044,458	80,560	31,178	76.47	27.53	81.27
B20C	2.5	13.43	200	67	1.1494E+09	3,139,375.00	9,904,847	1,278,748	99,048	38,172	76.06	27.32	80.82
B22A	1.5	8.62	220	67	1.0625E+09	2,189,237.00	7,700,969	864,093	70,009	25,794	83.70	28.03	88.27
B22B	2.0	11.43	220	67	1.3936E+09	2,872,990.00	10,111,650	1,128,985	91,924	33,701	83.29	27.83	87.81
B22C	2.5	14.21	220	67	1.7132E+09	3,534,187.00	12,446,570	1,382,805	113,151	41,278	82.88	27.62	87.36
B25A	1.5	9.33	250	67	1.7773E+09	2,558,406.00	10,454,770	960,641	83,638	28,676	93.76	28.42	97.97
B25B	2.0	12.37	250	67	2.3315E+09	3,358,036.00	13,746,760	1,255,774	109,974	37,486	93.34	28.21	97.51
B25C	2.5	15.39	250	67	2.8670E+09	4,131,579.00	16,944,940	1,538,894	135,560	45,937	92.93	28.00	97.06
B30A	1.5	10.50	300	67	3.5834E+09	3,179,969.00	16,253,710	1,121,533	108,358	33,479	110.16	28.94	113.90
B30B	2.0	13.94	300	67	4.7022E+09	4,174,607.00	21,409,650	1,467,090	142,731	43,794	109.74	28.73	113.44
B30C	2.5	17.35	300	67	5.7837E+09	5,137,172.00	26,437,690	1,799,040	176,251	53,703	109.32	28.51	112.98
B35A	1.5	11.68	350	67	6.3317E+09	3,806,893.00	23,726,760	1,282,465	135,582	38,283	126.22	29.34	129.59
B35B	2.0	15.51	350	67	8.3098E+09	4,998,135.00	31,294,680	1,678,408	178,827	50,102	125.79	29.13	129.12
B35C	2.5	19.31	350	67	1.0223E+10	6,151,221.00	38,695,630	2,059,186	221,118	61,468	125.37	28.92	128.66