



Technical data of sections HP

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Wide flange bearing piles

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Designation	G kg/m	Dimensions						Section properties							
		H mm	B mm	Tw mm	Tf mm	R mm	I cm ²	Strong axis				Weak axis			
								Iy cm ⁴	Wely cm ³	Wply cm ³	Iy cm	Iz cm ⁴	Welz cm ³	Wplz cm ³	Iz cm
HP 200 x 43	42.5	200.0	205	9.0	9.0	10	54.14	3,888	388.80	434.54	8.47	1,293.80	126.22	193.38	4.89
HP 200 x 53	53.5	204.0	207	11.3	11.3	10	68.14	4,977	487.94	551.30	8.55	1,673.21	161.66	248.57	4.96
HP 220 x 57	57.2	210.0	225	11.0	11.0	18	72.85	5,729	545.62	613.66	8.87	2,079.31	185.24	285.54	5.34
HP 250 x 62	62.7	246.0	256	10.5	10.7	13	79.82	8,753	711.63	792.82	10.47	2,995.16	234.00	357.99	6.13
HP 250 x 85	85.4	254.0	260	14.4	14.4	13	108.76	12,305	968.90	1,095.55	10.64	4,225.41	325.03	499.86	6.23
HP 260 x 75	75.0	249.0	265	12.0	12.0	24	95.55	10,646	855.10	958.53	10.56	3,732.55	281.70	435.07	6.25
HP 260 x 87	87.3	253.0	267	14.0	14.0	24	111.21	12,586	994.94	1,123.56	10.64	4,455.00	333.71	516.17	6.33
HP 305 x 79	78.4	299.3	306	11.0	11.0	15	99.90	16,331	1,091.28	1,209.98	12.79	5,278.41	344.54	526.50	7.27
HP 305 x 88	88.0	301.7	308	12.4	12.3	15	112.06	18,425	1,221.41	1,360.49	12.82	5,984.44	388.85	595.21	7.31
HP 305 x 95	94.9	303.7	309	13.3	13.3	15	120.95	20,045	1,320.05	1,474.42	12.87	6,528.54	422.97	647.96	7.35
HP 305 x 110	110.0	307.9	311	15.3	15.4	15	140.08	23,563	1,530.56	1,720.06	12.97	7,709.12	496.24	761.72	7.42
HP 305 x 126	126.1	312.3	313	17.5	17.6	15	160.62	27,408	1,755.24	1,985.67	13.06	9,001.71	575.37	885.20	7.49
HP 305 x 132	131.6	313.7	314	18.3	18.3	15	167.62	28,710	1,830.41	2,075.53	13.09	9,459.97	602.55	927.84	7.51
HP 305 x 149	149.1	318.5	316	20.6	20.7	15	189.89	33,067	2,076.42	2,370.22	13.20	10,910.37	690.53	1,065.63	7.58
HP 305 x 180	180.0	326.7	320	24.8	24.8	15	229.28	40,973	2,508.30	2,896.51	13.37	13,546.38	847.44	1,313.12	7.69
HP 305 x 186	186.0	328.3	321	25.5	25.6	15	236.95	42,610	2,595.80	3,003.01	13.41	14,142.93	881.45	1,366.35	7.73
HP 305 x 223	222.9	337.9	326	30.3	30.4	15	283.97	52,699	3,119.21	3,653.10	13.62	17,576.77	1,079.32	1,679.71	7.87
HP 310 x 79	78.3	299.0	306	11.0	11.0	15	99.72	16,268	1,088.16	1,206.52	12.77	5,257.72	343.64	525.09	7.26
HP 310 x 93	93.3	303.0	308	13.1	13.1	15	118.89	19,634	1,295.97	1,446.70	12.85	6,386.52	414.71	635.15	7.33

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								Iy cm ⁴	Wely cm ³	Wply cm ³	Iy cm	Iz cm ⁴	Welz cm ³	Wplz cm ³	Iz cm
HP 310 x 110	110.4	308.0	310	15.4	15.5	15	140.69	23,655	1,536.04	1,726.98	12.97	7,706.95	497.22	763.33	7.40
HP 310 x 125	124.6	312.0	312	17.4	17.4	15	158.74	27,027	1,732.50	1,959.71	13.05	8,822.81	565.56	870.20	7.46
HP 310 x 132	131.3	314.0	313	18.3	18.3	15	167.25	28,683	1,826.94	2,071.94	13.10	9,369.95	598.72	922.06	7.48
HP 320 x 88	88.5	303.0	304	12.0	12.0	27	112.70	18,743	1,237.16	1,378.64	12.90	5,633.57	370.63	572.08	7.07
HP 320 x 103	102.8	307.0	306	14.0	14.0	27	131.00	22,053	1,436.68	1,611.21	12.97	6,704.21	438.18	677.29	7.15
HP 320 x 117	117.3	311.0	308	16.0	16.0	27	149.46	25,476	1,638.33	1,848.68	13.06	7,814.94	507.46	785.56	7.23
HP 320 x 147	146.7	319.0	312	20.0	20.0	27	186.86	32,671	2,048.34	2,338.52	13.22	10,160.06	651.29	1,011.38	7.37
HP 320 x 184	184.1	329.0	317	25.0	25.0	27	234.51	42,343	2,574.04	2,979.26	13.44	13,332.34	841.16	1,311.31	7.54
HP 360 x 84	84.3	340.0	367	10.0	10.0	15	107.38	23,207	1,365.12	1,498.17	14.70	8,242.70	449.19	683.11	8.76
HP 360 x 108	108.1	346.0	370	12.8	12.8	15	137.66	30,287	1,750.69	1,936.84	14.83	10,813.56	584.52	891.17	8.86
HP 360 x 109	108.9	346.4	371	12.8	12.9	15	138.74	30,632	1,768.59	1,956.14	14.86	10,986.60	592.27	902.86	8.90
HP 360 x 132	132.0	351.0	373	15.6	15.6	15	168.20	37,478	2,135.50	2,380.73	14.93	13,505.40	724.15	1,106.82	8.96
HP 360 x 133	133.0	352.0	374	15.6	15.7	15	169.37	37,983	2,158.13	2,405.62	14.98	13,679.57	731.92	1,118.58	8.99
HP 360 x 140	140.2	352.0	392	16.0	16.0	15	178.57	40,274	2,288.30	2,547.26	15.02	16,076.58	820.23	1,251.99	9.49
HP 360 x 152	152.0	356.4	376	17.8	17.9	15	193.66	43,972	2,467.56	2,766.76	15.07	15,876.85	844.51	1,293.15	9.05
HP 360 x 174	173.9	361.4	379	20.3	20.4	15	221.49	51,009	2,822.86	3,185.76	15.18	18,462.57	975.57	1,496.99	9.13
HP 360 x 180	180.2	362.9	379	21.1	21.1	15	229.51	53,036	2,922.90	3,305.56	15.20	19,143.54	1,010.75	1,552.28	9.13
HP 400 x 117	117.0	347.0	389	13.4	13.4	15	149.09	33,162	1,911.35	2,112.68	14.91	13,154.79	676.34	1,030.17	9.39
HP 400 x 122	122.4	348.0	390	14.0	14.0	15	155.93	34,770	1,998.28	2,212.30	14.93	13,850.64	710.29	1,082.38	9.42
HP 400 x 131	131.0	350.0	390	15.0	15.0	15	166.93	37,418	2,138.17	2,374.01	14.97	14,841.18	761.09	1,160.85	9.43
HP 400 x 135	134.8	351.0	391	15.4	15.4	15	171.67	38,620	2,200.57	2,445.80	15.00	15,354.89	785.42	1,198.30	9.46
HP 400 x 140	140.2	352.0	392	16.0	16.0	15	178.57	40,274	2,288.30	2,547.26	15.02	16,076.58	820.23	1,251.99	9.49

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								Iy cm4	Wely cm3	Wply cm3	Iy cm	Iz cm4	Welz cm3	Wplz cm3	Iz cm
HP 400 x 158	158.1	356.0	394	18.0	18.0	15	201.37	45,939	2,580.84	2,888.16	15.10	18,367.55	932.36	1,425.43	9.55
HP 400 x 176	176.1	360.0	396	20.0	20.0	15	224.33	51,766	2,875.89	3,235.06	15.19	20,724.64	1,046.70	1,602.74	9.61
HP 400 x 194	194.2	364.0	398	22.0	22.0	15	247.45	57,759	3,173.57	3,588.02	15.28	23,148.95	1,163.26	1,783.94	9.67
HP 400 x 213	212.5	368.0	400	24.0	24.0	15	270.73	63,921	3,473.97	3,947.06	15.37	25,641.57	1,282.08	1,969.05	9.73
HP 400 x 231	230.9	372.0	402	26.0	26.0	15	294.17	70,255	3,777.15	4,312.26	15.45	28,203.60	1,403.16	2,158.09	9.79

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