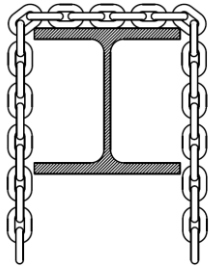


# ALLOWABLE LIFTING LOAD – CHAIN LOOP IN HEB PROFILES



- Max allowable pull angle from vertical is 15° in any direction
- Yield strength for beam profile and plate is assumed to be 235 MPa
- Loads from other equipment is not accounted for; if other loads are significant, the beam must be checked separately
- All lifts above 2 tonnes must be approved by competent enterprise (allowable lifting loads above 2 tonnes are shown in red)

Revision: 01  
Date: 17.12.2013

Allowable lifting load in kg

HEB PROFILE	BEAM SPAN (M)													
	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0	8.0
HEB 100	1086	902	758	649	564	498	444	401	365	335	309	287	251	223
HEB 120	1306	1142	1001	884	788	708	642	586	539	498	463	432	381	341
HEB 140	1539	1389	1253	1134	1030	941	864	798	740	689	645	605	539	485
HEB 160	1807	1666	1533	1412	1303	1206	1120	1044	976	916	862	813	730	662
HEB 180	2071	1937	1809	1688	1577	1476	1384	1300	1225	1157	1095	1038	940	858
HEB 200	2367	2238	2112	1991	1878	1773	1675	1586	1503	1428	1358	1294	1181	1085
HEB 220	2667	2541	2418	2298	2184	2076	1975	1881	1793	1711	1636	1565	1439	1329
HEB 240	2998	2875	2752	2632	2517	2407	2302	2204	2111	2024	1942	1865	1726	1603
HEB 260	3168	3055	2943	2833	2726	2623	2523	2428	2338	2252	2171	2094	1952	1826
HEB 280	3333	3230	3127	3025	2925	2828	2733	2642	2555	2471	2391	2315	2173	2044
HEB 300	3699	3596	3492	3389	3287	3187	3090	2997	2906	2818	2734	2653	2502	2363