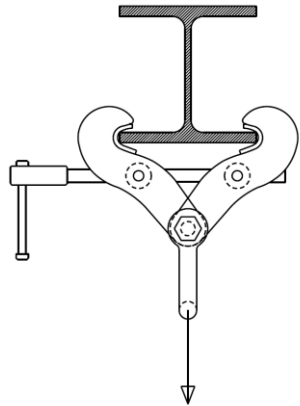


ALLOWABLE LIFTING LOAD – SUPERCLAMP IN HEB PROFILES



- This table applies for superclamps of type S and USC
- Max allowable pull angle from vertical is 15° in any direction
- Yield strength for beam profile 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	452	440	427	414	401	387	374	361	348	336	324	313	291	272
HEB 120	576	564	551	538	525	511	497	484	470	457	444	431	408	385
HEB 140	718	705	692	679	665	650	636	622	608	594	580	566	540	514
HEB 160	925	910	894	878	862	845	828	812	795	779	762	746	715	685
HEB 180	1100	1085	1069	1052	1035	1018	1001	983	966	949	932	915	881	849
HEB 200	1327	1310	1292	1274	1256	1237	1218	1199	1180	1161	1142	1123	1086	1050
HEB 220	1537	1519	1501	1482	1463	1444	1424	1404	1385	1365	1345	1325	1287	1248
HEB 240	1800	1780	1760	1740	1719	1698	1677	1656	1634	1613	1592	1570	1528	1486
HEB 260	1966	1947	1927	1907	1887	1867	1846	1825	1804	1783	1762	1741	1700	1658
HEB 280	2119	2100	2081	2062	2042	2023	2002	1982	1962	1942	1921	1901	1860	1820
HEB 300	2420	2400	2379	2358	2337	2316	2294	2273	2251	2229	2207	2185	2141	2098