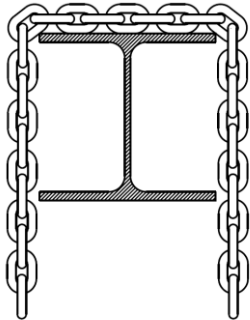


# ALLOWABLE LIFTING LOAD – CHAIN LOOP IN HEA PROFILES



- 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

HEA 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
HEA 100	728	626	541	473	418	373	336	306	280	258	239	223	196	175
HEA 120	723	656	594	540	492	451	416	384	357	333	312	293	262	236
HEA 140	802	747	694	645	600	560	523	490	461	434	410	388	351	319
HEA 160	894	846	799	754	712	673	637	603	572	544	518	494	451	415
HEA 180	979	937	895	854	815	778	743	710	679	650	623	597	551	511
HEA 200	1078	1040	1001	963	927	891	857	825	794	764	737	710	662	619
HEA 220	1286	1245	1204	1164	1124	1086	1048	1012	978	945	914	884	828	778
HEA 240	1520	1476	1433	1389	1347	1305	1264	1225	1187	1151	1116	1082	1020	962
HEA 260	1640	1599	1558	1517	1477	1437	1398	1360	1323	1287	1253	1219	1156	1097
HEA 280	1760	1722	1683	1644	1605	1567	1530	1493	1457	1422	1388	1355	1291	1232
HEA 300	2031	1989	1948	1906	1865	1824	1783	1744	1705	1666	1629	1593	1523	1457