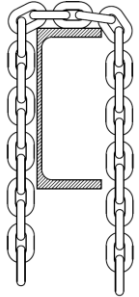


# ALLOWABLE LIFTING LOAD – CHAIN LOOP IN UPE PROFILES



- 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

UPE 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
UPE 80	456	334	259	210	176	152	133	118	107	97	89	82	71	63
UPE 100	551	427	342	283	241	209	185	165	149	136	125	116	101	89
UPE 120	650	524	432	364	313	274	244	219	199	182	167	155	135	120
UPE 140	818	673	562	478	414	365	325	293	267	244	226	209	183	162
UPE 160	921	778	663	573	502	445	400	362	330	304	281	262	229	204
UPE 180	1116	953	820	713	628	560	504	457	419	386	357	333	292	260
UPE 200	1234	1074	937	825	734	658	596	543	499	461	428	400	352	315
UPE 220	1461	1282	1128	999	892	803	729	667	613	568	528	493	436	390
UPE 240	1597	1420	1264	1130	1018	922	842	773	714	662	618	578	513	460
UPE 270	1858	1667	1495	1346	1218	1109	1016	936	866	806	753	706	627	564
UPE 300	2290	2064	1859	1679	1525	1392	1278	1179	1093	1018	952	894	795	716