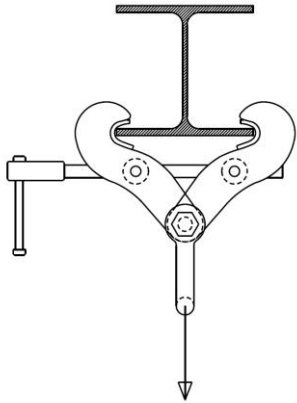


# ALLOWABLE LIFTING LOAD – SUPERCLAMP IN HEA PROFILES



- 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

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	311	304	296	288	280	272	264	256	249	241	234	227	213	201
HEA 120	331	325	319	313	307	301	295	289	282	276	270	264	253	242
HEA 140	392	387	381	376	370	364	358	352	346	340	334	328	316	305
HEA 160	483	477	471	464	458	451	445	438	432	425	418	412	399	386
HEA 180	542	537	531	525	519	513	507	501	494	488	482	476	463	451
HEA 200	640	634	628	622	615	609	602	595	589	582	575	569	556	542
HEA 220	777	770	763	756	749	742	735	727	720	713	705	698	683	669
HEA 240	954	947	938	930	922	914	905	897	888	880	871	863	846	829
HEA 260	1065	1057	1049	1041	1032	1024	1016	1007	998	990	981	973	955	938
HEA 280	1167	1159	1151	1143	1134	1126	1118	1109	1101	1092	1084	1075	1058	1041
HEA 300	1381	1372	1363	1354	1344	1335	1325	1316	1306	1297	1287	1277	1258	1239