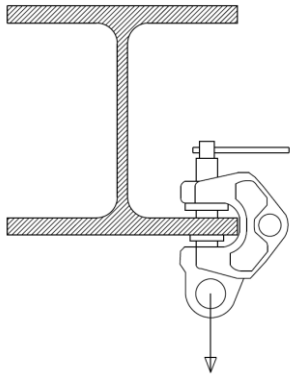


ALLOWABLE LIFTING LOAD (KG) – EAGLE CLAMP IN HEB PROFILES



- This table applies for eagle clamps of type SB
- 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
- The clamp is assumed to be fully inserted on to the profile's flange

Revision: 01
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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	542	531	516	501	484	466	448	431	414	397	381	366	337	312
HEB 120	623	610	596	582	567	551	536	520	505	490	475	461	434	409
HEB 140	716	704	691	677	663	649	635	621	607	593	579	565	539	514
HEB 160	871	857	843	829	814	799	784	769	754	739	724	710	682	654
HEB 180	983	970	956	942	929	915	900	886	872	858	844	830	803	776
HEB 200	1135	1121	1108	1094	1080	1066	1051	1037	1023	1008	994	980	952	924
HEB 220	1268	1255	1242	1228	1215	1201	1187	1173	1159	1145	1131	1118	1090	1063
HEB 240	1436	1423	1409	1395	1382	1368	1354	1339	1325	1311	1297	1283	1255	1227
HEB 260	1524	1511	1499	1486	1473	1460	1447	1434	1421	1408	1395	1382	1356	1330
HEB 280	1601	1590	1578	1566	1555	1543	1531	1519	1507	1495	1482	1470	1446	1422
HEB 300	1785	1774	1762	1750	1737	1725	1713	1701	1688	1676	1663	1651	1626	1602