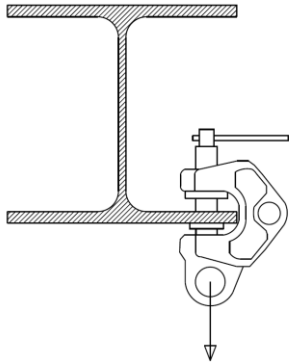


ALLOWABLE LIFTING LOAD (KG) – EAGLE CLAMP IN HEA PROFILES



- 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

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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	388	380	371	361	350	339	328	317	305	295	284	274	255	237
HEA 120	364	358	351	345	338	330	323	316	308	301	294	287	273	260
HEA 140	393	388	382	376	370	364	358	352	346	340	334	328	316	305
HEA 160	452	447	441	435	430	424	418	412	406	400	395	389	377	366
HEA 180	479	474	470	465	460	455	450	445	440	435	430	426	416	406
HEA 200	537	532	528	523	518	514	509	504	499	495	490	485	475	466
HEA 220	629	624	620	615	610	605	600	595	590	585	580	575	565	555
HEA 240	746	741	736	731	726	720	715	710	704	699	693	688	677	667
HEA 260	808	803	798	793	788	783	778	773	768	762	757	752	742	732
HEA 280	863	859	854	849	845	840	835	830	825	821	816	811	801	792
HEA 300	998	993	988	983	978	973	968	962	957	952	947	942	931	921