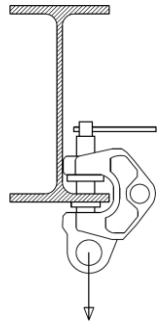


ALLOWABLE LIFTING LOAD – EAGLE CLAMP IN IPE PROFILES



- 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

IPE 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
IPE 140	230	230	229	227	226	224	221	219	216	213	210	207	200	193
IPE 160	302	302	300	299	297	294	292	289	286	282	279	275	267	259
IPE 180	348	346	343	341	338	335	332	328	325	321	317	313	305	296
IPE 200	440	437	434	430	427	422	418	413	409	404	399	394	383	373
IPE 220	477	473	470	466	462	458	453	449	444	440	435	430	420	410
IPE 240	571	567	562	557	552	547	542	537	532	526	521	515	504	492
IPE 270	586	582	578	574	569	565	561	556	552	547	543	538	529	519
IPE 300	621	617	614	610	606	602	598	594	590	586	582	578	570	561
IPE 330	729	725	720	716	712	708	703	699	695	690	686	681	672	663