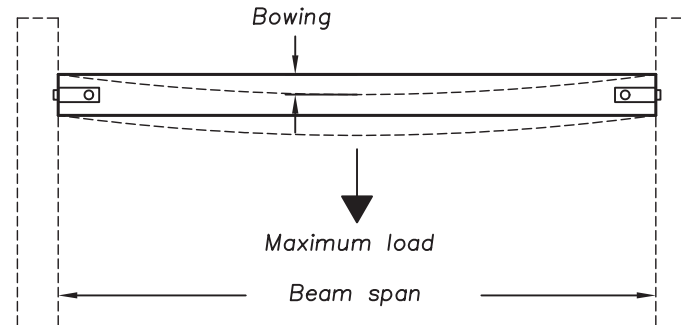
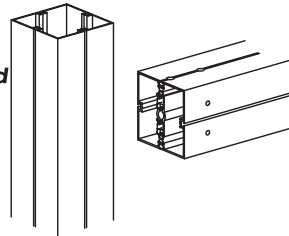


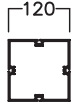


Supporting capacity values

The indicated values apply provided that the construction of the beams prevents them from twisting. Proof must be produced for the flexural buckling and torsional-flexural buckling values separately.



maximum possible loads (in addition to dead weight) and the resulting calculated bowing of beams with maximum permissible bowing of 1/300 of the span.

xxx (values which are underlined)=the maximum admissible bearing load is decisive

		Beam spans (m) :													
		1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	
Each side 2x tension locks	 M 225	Single load in beam center (kg):	239	237	235	233	231	222	202	156	123	98	78	63	51
		uniformly distributed load (kg/m):	239	158	117	93	77	65	56	50	39	28	21	15	11
		bowing (cm):	0.01	0.05	0.12	0.23	0.40	0.64	0.96	1.36	1.65	1.82	2.00	2.17	2.33
Each side 1x tension lock	 M 1020	(kg):	120	117	115	110	87	61	45	33	25	18	13	---	---
		(kg/m):	120	79	59	46	36	28	18	12	8	5	3	---	---
		(cm):	0.03	0.10	0.25	0.48	0.81	1.15	1.33	1.50	1.67	1.83	2.00	---	---
Each side 1x tension lock	 M 1222	(kg):	120	117	115	110	54	38	27	20	14	10	7	4.2	---
		(kg/m):	120	79	59	46	28	17	11	7	4.5	3	1.8	1	---
		(cm):	0.05	0.16	0.39	0.75	0.97	1.14	1.33	1.48	1.62	1.81	1.94	2.10	---

* = average value relevant for data collection