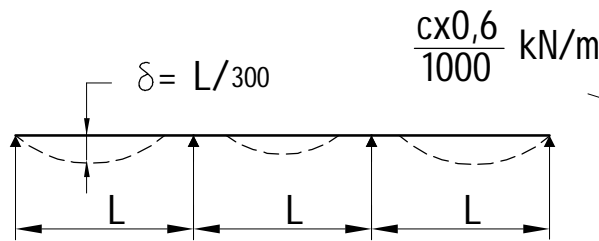


	68280	68281	68282	68283			
$I_x \text{ mm}^4$	34×10^4	125×10^4	295×10^4	676×10^4			
$I_y \text{ mm}^4$	20×10^4	35×10^4	49×10^4	66×10^4			
$W_x \text{ mm}^3$	8×10^3	21×10^3	37×10^3	65×10^3			
Distance c in mm	L_{\max} in mm						
800	2850	4450	5550	6800			
1000	2650	4150	5250	6450			
1200	2500	3900	5000	6150			
1400	2350	3700	4800	5900			
1600	2250	3550	4650	5700			
1800	2200	3400	4500	5550			
2000	2100	3250	4400	5400			
2200	2050	3150	4250	5300			
2400	2000	3100	4100	5150			
2600		3000	4000	5050			
2800		2900	3900	4950			
3000			3800	4900			

ASSUMPTIONS:

- Beam on four supports
- Wind load 0,6 kN/m²
- Loaded with c mm
- Loaded area according to drawing
- Deflection L/300 and limited to 15 mm



ATTENTION!

Maximum deflection above a glass shall be assumed as 8 mm.

Check the capacity on mullions in lower span for the combination with dead load

k=Conversion factor for wind load q_v kN/m²

$$Lq_v = kxL_{\max}$$

$$Lq_v = kxL_{\max}$$

Windload q_v kN/m ²	k
0,4	1,13
0,5	1,05
0,6	1,0
0,7	0,95
0,8	0,91
0,9	0,88
1,0	0,84
1,2	0,80
1,4	0,76
1,6	0,72
1,8	0,69
2,0	0,67