

	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	3100	4700	5850	7200			
1000	2900	4450	5550	6800			
1200	2700	4250	5300	6500			
1400	2600	4000	5100	6250			
1600	2450	3800	4900	6050			
1800	2350	3650	4800	5900			
2000	2200	3550	4650	5750			
2200	2100	3400	4550	5600			
2400	2000	3300	4350	5450			
2600		3150	4200	5350			
2800		3050	4050	5250			
3000		2950	3900	5200			

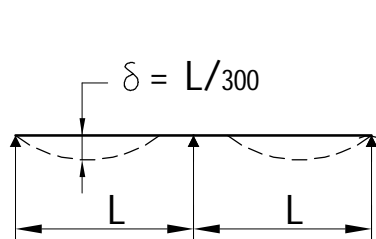
ASSUMPTIONS:

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

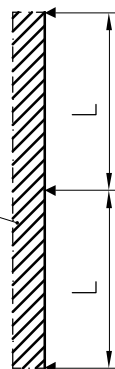
k=Conversion factor for wind load q_v kN/m²

$$Lq_v = kxL_{\max}$$

$$Lq_v = kxL_{\max}$$



$$\frac{cx0,6}{1000} \text{ kN/m}$$



ATTENTION!

Maximum deflection above a glass shall be assumed as 8mm

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

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