

## Cantilever Loads Eurotruss TD35

a (m)	P (kg)	q (kg/m)
0,50	1552,3	3104,7
1,00	1548,4	1548,4
1,50	1419,3	1029,7
2,00	1060,7	770,3
2,50	844,6	614,7
3,00	699,9	466,6
3,50	595,9	340,5

Be sure that point A has enough weight or is fixed against lifting loads.  
L must be minimum double the length of the cantilever

Lifting load in point A:

$$A = P * a / L * 1,5$$

$$A = q * a * a / 2 / L * 1,5$$

Upstanding loads in B:

$$B = P * (a + L) / L$$

$$B = q * a * (a / 2 + L) / L$$

The given loads are ideal, characteristic loads. Loads have to be brought directly into the knots of the bracing. Local bending has to be checked separate.

B must not exceed 5,6 kN

