Steunpunt A K 225; QR 40; 803-109

$T_A = 5395 kg$

$b = 70 cm$

$h = 58 cm$

$\sigma_A = \frac{1,5 \times 5395}{70 \times 58} = 1,98 kg/mm^2 < 7,0 kg/cm^2$

Veld A-B

$M_{AB} = -13360 \times \frac{1}{2} + 670 \times 5,31^2 \times 0,125 + 4620 \times 5,31^2 \times \frac{1}{12} =$

$M_{A-B} = 6530 Kgm$

de balkhoogte $h = 58 - (2,0 + 1,0 + 1,4) = 53,6 cm$

de flensbreedte :

$b = \frac{1}{3} \times 5,31 = 1,77 m$

$b = 8 \times 0,70 = 5,66 m$

$b = 4 \times 0,58 = 2,32 m$

$b = 16 \times 0,18 = 2,88 m$

$b = 3,50 m$

de flensbreedte ; $b = 1,77 m$ is de kleinste

K 225 ; QR 40 ;

$K_s = 0,884$ ω pract $= 0,20$; $A = 18,90 cm^2$

toegepast 7 Φ 19 ; $A = 19,88 cm^2$