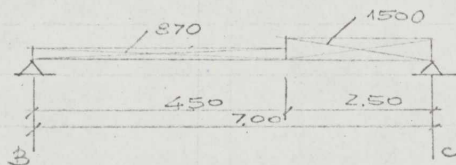


K 225; QR 40 803-140



$$R_E = 870 \times 3,50 + \frac{630 \times 2,5^2}{2 \times 7,0} = 3300 \text{ Kg}$$

$$3300 - 870 \times x = 0 ; x = 3,79 \text{ m}$$

$$M_{Bc \text{ max}} = 3300 \times 3,79 - 870 \times 3,79^2 \times \frac{1}{2} = 6260 \text{ Kg m}$$

Steunpunt moment in $x = 3,79 \text{ m}$; $M = 2640 \text{ Kg m}$

$$M_{Bc} = 6260 - 2640 = 3620 \text{ Kg m}$$

Wapening Veld A-B

$$M = -501 \text{ Kg m} \quad \mu = 16,5$$

$$\omega = 0,2 \text{ pract} \quad A = 3,60 \text{ cm}^2$$

$$\text{toegepast } \Phi 10-20 \quad A = 3,93 \text{ cm}^2$$

Stutzing B

$$M = -4977 \text{ Kg m} \quad h = 16,5 \text{ cm}$$

$$k = 0,233 ; \omega = 0,990 ; A = 16,32 \text{ cm}^2$$

$$\text{toegepast } \Phi 14-9 \quad A = 17,10 \text{ cm}^2$$

Veld Bc

$$M = 3620 \text{ Kg m} ; h = 16,5 \text{ cm}$$

$$k = 0,274 ; \omega = 0,675 ; A = 11,30 \text{ cm}^2$$

$$\text{toegepast } \Phi 12-10 \quad A = 11,31 \text{ cm}^2$$