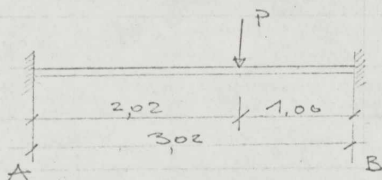


K 225; QR 40

803-156

Strook B

$$b = 60 \text{ cm}; h = 16,5 \text{ cm}$$

Belasting

$$\text{e.g. + nb} \quad q = 870 \text{ kg/m'}$$

$$P = 4670 \text{ kg} \text{ zie reactie RA strook A!}$$

$$M_A = 870 \times 3,02^2 \times \frac{1}{2} + \frac{4670 \times 2,02 \times 1,00^2}{3,02^2} = -1040 \text{ Kgm}$$

$$M_B = 870 \times 3,02^2 \times \frac{1}{2} + \frac{4670 \times 2,02^2 \times 1,00}{3,02^2} = -2310 \text{ Kgm}$$

$$R_B = \frac{4670 \times 2,02}{3,02} + 870 \times 1,51 = 4450 \text{ kg}$$

$$M_{\text{max A-B}} = 4450 \times 1,0 - \frac{870 \times 1,0^2}{2} = 4015 \text{ Kgm}$$

$$M_{\text{max AB}} = 4015 - 2120 = 1895 \text{ Kgm}$$

Wapening Stuk B en A.

$$M = 2310 \text{ Kgm}; h = 16,5 \text{ cm} \quad b = 0,60 \text{ m}$$

$$K = 0,263 \quad \omega = 0,743 \quad A = 7,38 \text{ cm}^2$$

$$\text{toesepast } 7\phi 12 \quad A = 7,91 \text{ cm}^2$$

Wapening Veld A-B

$$M = 1895 \text{ Kgm}; h = 16,5 \quad b = 60 \text{ cm}$$

$$K = 0,292 \quad \omega = 0,585 \quad A = 5,80 \text{ cm}^2$$

$$\text{toesepast } 6\phi 12 \quad A = 6,73 \text{ cm}^2$$