

$$M_{AB} = 12520 \text{ Kg m}$$

803-87

$$b = 50 \text{ cm}$$

$$h = 60 \text{ cm}$$

$$k = 0,378 \quad ; \quad \omega = 0,334 \quad ; \quad A = 10,02 \text{ cm}^2$$

$$\text{toegepast } 4 \Phi 18 \rightarrow 10,16 \text{ cm}^2$$

Schuine trekkracht t.p.v. A.

$$T_A = 21380 \text{ kg} \quad ; \quad k_z = 0,936$$

$$h = 60 \text{ cm}$$

$$b = 50 \text{ cm}$$

$$\sigma_A = \frac{21380}{60 \times 50 \times 0,936} = 7,60 \text{ kg/cm}^2 > 7,0 \text{ kg/cm}^2$$

$$T_z = 60 \times 50 \times 7 \times 0,936 = 19620 \text{ kg}$$

$$y_A = \frac{21380 - 19620}{10420} = 0,17 \text{ m}$$

$$A_0 = \frac{(7,60 + 7,00) \times 50 \times 17}{2 \times 2200 \times \sqrt{2}} = 2,00 \text{ cm}^2$$

practisch opbuigen!

