Steunpunt A en B

$M_A = 16500 \text{ Kgm}$

$b = 50 \text{ cm}$

$h = 60 \text{ cm}$

$K = 0{,}326$; $\omega = 0{,}461$; $A = 13{,}81 \text{ cm}^2$

toegepast $2\Phi 14 + 5\Phi 18$; $A = 15{,}78 \text{ cm}^2$

Schuine trekkracht t.p.v. A

$T_A = 24500 \text{ kg}$;

$M_A = 16500 \text{ Kgm}$; $K_z = 0{,}923$

$b = 50 \text{ cm}$

$h = 60 \text{ cm}$

$$\tau_A = \frac{24500}{60 \times 50 \times 0{,}923} = 8{,}84 \text{ kg/cm}^2 > 7.0 \text{ kg/cm}^2$$

$$T_7 = 60 \times 50 \times 7 \times 0{,}923 = 19400 \text{ kg}$$

$$y_A = \frac{24500 - 19400}{12120} = 0{,}42 \text{ m}$$

$$A_0 = \frac{(8{,}84 + 7.00) \times 50 \times 42}{2 \times 2200 \times \sqrt{2}} = 5{,}34 \text{ cm}^2$$

practisch opbuigen!