

$$T_A = T_D = 5200 \times 4,21 \times 0,5 = 10950 \text{ Kg}$$

Schaine tredecracht t.p.v. A en B

$$M_A = -7700 \text{ kgm} ; K = 0,484 ; K_z = 0,966$$

$$T_A = 10950 \text{ Kg}$$

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

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

$$\sigma_A = \frac{10950}{50 \times 60 \times 0,966} = 3,77 \text{ Kg/cm}^2 < 7 \text{ Kg/cm}^2$$

