

803-111

Stevnpunt c

$$M_c = 65860 \text{ kgm}$$

K 225 ; QR 40 ;

$$\mu = 53,6 \text{ cm}$$

$$N = 260 \text{ cm}$$

$$K = 0,337 ; \omega = 0,428 ; A = 59,40 \text{ cm}^2$$

$$\text{toegepast } \phi 19-15 + \phi 19-30 ; A = 73,66 \text{ cm}^2$$

$$K_z = 0,929$$

$$T_{c_L} = 108920 \text{ Kg}$$

$$G = \frac{108920}{53,6 \times 260 \times 0,929} = 8,36 \text{ Kg/cm}^2 > 7 \text{ Kg/cm}^2$$

$$T_7 = 53,6 \times 260 \times 0,929 \times 7 = 90750 \text{ Kg}$$

$$y_A = \frac{108920 - 90750}{2030} = 0,895 \text{ m}$$

$$A = \frac{(8,36 + 7,00) \times 895 \times 260}{2 \times 2000 \times \sqrt{2}} = 63,50 \text{ cm}^2$$

$$\text{toegepast } 11 \phi 28 \quad A = 67,76 \text{ cm}^2$$

