

[Remarks:](#) See § 4.4, pages 168 till 170

[Answers:](#)

$$\sigma_b = -15 \text{ N/mm}^2$$

$$\sigma_o = +3 \text{ N/mm}^2$$

[Explanation:](#)

$$A = 147 \times 10^3 \text{ mm}^2$$

$$\sigma^{(N)} = -3 \text{ N/mm}^2$$

$$I_{zz} = 2,94 \times 10^9 \text{ mm}^4$$

$$\sigma_b^{(M)} = -12 \text{ N/mm}^2$$

$$\sigma_o^{(M)} = +6 \text{ N/mm}^2$$

