$$\tau = \frac{V Q}{I t} = \frac{(48{,}57\,kN \times 778000) \times 1000\,N/kN}{3322g \cdot 10^4\,mm^4 \times 10\,mm} = \frac{37787460000}{3322900000} =$$

$$= 14{,}37\,N/mm^2$$

BERAKNA F_A & F_B.

$\sum F_y = 0.$

$$A_y + 245kN - 35\frac{kN}{m} \cdot 2m - 25kN + B_y = 0 \quad \Leftrightarrow$$

$$A_y + 245kN - 70kN - 25kN + B_y = 0 \quad \Leftrightarrow$$

$$A_y + B_y - 50kN = 0$$

$\sum M_B = 0.$

$$A_y \cdot 7m + 245kN \cdot 5{,}5m - 35\frac{kN}{m} \cdot 2m \cdot 3{,}5m - 25kN \cdot 1{,}5m = 0 \quad \Leftrightarrow$$

$$A_y 7m + 2417{,}5kNm - 245kNm - 12{,}5kNm = 0 \quad \Leftrightarrow$$

$$A_y 7m - 10kNm = 0 \quad \Leftrightarrow$$

$$A_y 7m = 10kNm \quad \Leftrightarrow$$

$$A_y = \frac{10kNm}{7m} = 1{,}429kN = \underline{1{,}43kN}$$

$$A_y + B_y - 50kN = 0 \quad \Leftrightarrow$$

$$1{,}43kN + B_y - 50kN = 0 \quad \Leftrightarrow$$

$$B_y = \underline{48{,}57kN}$$