

$$= 748 \text{ kg/cm}^2$$

(9)

$$S_{y \max} \text{ per } T_{zy \max} = T_{zy3}$$

$$- \left[8.5 \cdot 1.3 \left(8.5/2 + 4 \right) 2 + \left(24 - 2.6 \right) \cdot 0.95 \cdot \left(4 + 0.95/2 \right) + 4 \cdot 0.95 \cdot 2 \right] = -281 \text{ cm}^3$$

$$T_{zy \max} = \frac{-20'000 \cdot 281}{3788 \cdot 0.95} = -1561 \text{ kg/cm}^2$$

$$T_{zy2} = \frac{-20'000 \left(281 - 4 \cdot 0.95 \cdot 2 \right)}{3788 \cdot 0.95} =$$

$$= -1519 \text{ kg/cm}^2$$

La tenficia va farea una sidi $\bar{a}$ o $\bar{b}$:

$$T_{zy} = T_{zy}(T_x) + T_{zy}(T_y) = 525 + 748 = 1273 \text{ kg/cm}^2$$

$$\sigma_{id} = 1273 \sqrt{3} = 2205 \text{ kg/cm}^2 < \sigma_{am} = 2400 \text{ kg/cm}^2$$