

Se toma por carga lateral $w = 350 \text{ K}$.

$$\frac{pl^2}{8} = \frac{350 \times 2'80 \times 4'3^2}{8} = \frac{980 \times 18'49}{8} = \frac{18'120}{8} = 2265 \text{ K.m.}$$

$$\left. \begin{matrix} 1200 \\ 50 \\ b=30 \end{matrix} \right\} \left\{ \begin{matrix} v = 0'388 \\ \epsilon = 0'00238 \\ \mu = 0'071 \end{matrix} \right\} \left\{ \begin{matrix} 26'5 = 0'388 \times p \\ p = \frac{26'5}{0'388} = 68'3 \end{matrix} \right\} \left\{ \begin{matrix} h = 0'388 \times 68'3 = 26'50 \text{ cm} \\ J_2 = 0'081 \times 68'3 = 4'84 \text{ cm}^2 \end{matrix} \right.$$

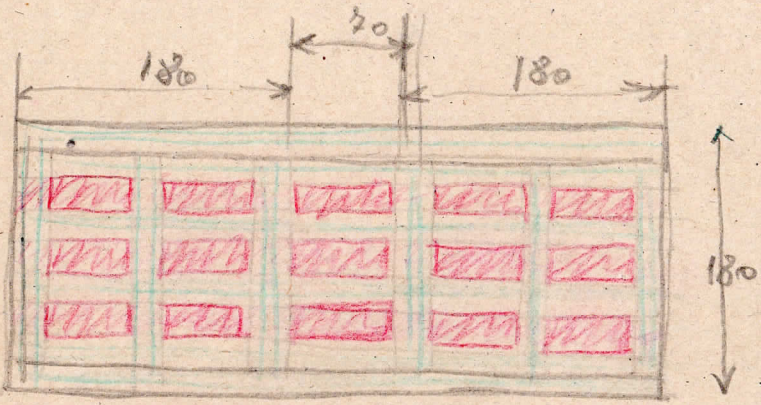
$$68'3 = \sqrt{4700} = \sqrt{\frac{141000}{30}} \text{ momento dividido} = 1410 \text{ K.m.}$$



$$\left. \begin{matrix} 1200 \\ 50 \\ b=150 \end{matrix} \right\} \left\{ \begin{matrix} v = 0'388 \\ \epsilon = 0'00288 \\ \mu = 0'43 \end{matrix} \right\} \left\{ \begin{matrix} 12 = 0'388 \times p \\ p = \frac{12}{0'388} = 30'9 \end{matrix} \right\} \left\{ \begin{matrix} h = 0'388 \times 30'9 = 11'98 \text{ cm} \\ J_2 = 0'43 \times 30'9 = 13'28 \text{ cm}^2 \end{matrix} \right.$$

$$30'9 = \sqrt{950} = \sqrt{\frac{142500}{150}} \text{ momento dividido} = 1425 \text{ K.m.}$$

$$\frac{1410 \text{ K.m.}}{2385 \text{ K.m.}}$$



$$\left. \begin{matrix} 10 \\ p = \frac{10}{0'388} = 25'2 \end{matrix} \right\} \left\{ \begin{matrix} h = 0'388 \times 25'2 = 9'97 \text{ cm} \\ \mu = 0'43 \times 25'2 = 11'05 \text{ cm}^2 \end{matrix} \right.$$

$$25'2 = \sqrt{650} = \sqrt{\frac{92500}{150}} \text{ momento dividido} = 925 \text{ K.m.}$$

$$\frac{1410 \text{ K.m.}}{2385 \text{ K.m.}}$$