$Ms = T\ (d - y/3)$ | $T = As \cdot fs$

$Ms = As \cdot \frac{fs}{Ms} \cdot (d - y/3)$ | $fs = \frac{Ms}{As \cdot (d - y/3)}$

$$fs = \frac{22399 \times 10^5}{17 \times 3.10 \times 114.98} = 2246.42\ kgf/cm^2 \leq 0.6\,fy$$

$0.6 \times 4200 = 2520\ kgf/cm^2$

$fs \leq 0.6\,fy$ → En el caso que "fs" esea mayor al 0.6 fy, se toma el 0.6fy

$$S_{max} = \frac{125000\ 80}{B_s\ fs} - 2 \times dc$$

$$B_s = 1 + \frac{dc}{0.7\,(h - dc)}$$

$$B_s = 1 + \frac{6.54}{0.7\ (130 - 6.54)} = 1.08$$

→ son valores q1 nos brinda la norma.

$$S_{max} = \frac{125000 \times 1}{1.08 \times 2246.92} - 2 \times 6.54 = 38.43\,cm$$

$Smax\ 38.43\ cm > 3.84\ cm$ ✓✓