

+—SECTION VIEW

Position of neutral axis from the top edge $y_n = 120 \text{ mm}$

Bending stiffness $EI = 7,0903 \cdot 10^{11} \text{ N mm}^2$

Bending stiffness

Shear correction factor

Corrected shear stiffness

$$GA_c := \frac{GA}{k_s} = 3,9408 \cdot 10^6 \text{ N}$$