



$$\Delta T = 20^{\circ}\text{C}$$

$$l = 4.00 \text{ m}$$

$$h = 3.00 \text{ m}$$

$$J_p = 6.75 \times 10^8 \text{ mm}^4$$

$$J_t = 3.125 \times 10^9 \text{ mm}^4$$

$$EA = \infty$$

$$E = 30000 \text{ N/mm}^2$$

$$\alpha = 10^{-5} \text{ }^{\circ}\text{C}^{-1}$$