

$$R_B \times 9.75 = 6.6 \times \frac{9.75}{4} \times \frac{9.75}{8} + 13 \times \frac{9.75}{2} + 6.6 \times \frac{9.75}{4} \times \frac{9.75}{8}$$

$$R_B = 22.59 \text{ kN}$$

$$R_A + R_B = 6.6 \times \frac{9.75}{4} \times 2 + 13 \quad R_A = 22.59 \text{ kN}$$

$$M = \frac{(22.59 + 6.5)}{2} \times \frac{9.75}{4} + 6.5 \times \frac{9.75}{4} = 51.3 \text{ kN}\cdot\text{m}$$

$$S = \frac{51.3}{124} = 0.413 \times 10^6 \text{ mm}^3 = 413 \text{ cm}^3$$

~~38~~ <sup>ce</sup> I PN 260

$$R_A = \frac{41.9 \times 9.75 \times 9.8}{2 \times 1000} + 22.59 = 24.59 \text{ kN}$$

$$M = \frac{(24.59 + 8.5)}{2} \times \frac{9.75}{4} + 8.5 \times \frac{9.75}{4} = 61.05 \text{ kN}\cdot\text{m}$$

$$S = \frac{61.05}{124} = 492 \text{ cm}^3$$

~~38~~ <sup>ce</sup> I PN 280

$$R_A = \frac{47.9 \times 9.75 \times 9.8}{2 \times 1000} + 22.59 = 24.88 \text{ kN}$$

$$M = \frac{(24.88 + 8.7)}{2} \times \frac{9.75}{4} + 8.7 \times \frac{9.75}{4} = 62.13 \text{ kN}\cdot\text{m}$$

$$S = \frac{62.13}{124} = 501 \text{ cm}^3 \#$$

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