



UDS

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Resistencia de materiales de construcción

① Reacciones

$$R_A = R_B = \frac{3f}{2}$$

$$\frac{3(69.700 \text{ kg})}{2}$$

$$R_A = R_B = \underline{104.55 \text{ kg}}$$

$$0 + (0.25(104.55 \text{ kg})) = 26.1375 \text{ kg}\cdot\text{cm}$$

$$26.1375 \text{ kg}\cdot\text{cm} + (0.25 \text{ m}(34.85)) = 34.85 \text{ kg}\cdot\text{cm}$$

$$34.85 \text{ kg}\cdot\text{cm} + (0.25 \text{ m}(-34.85 \text{ kg})) = 26.225 \text{ kg}\cdot\text{cm}$$

$$26.225 \text{ kg}\cdot\text{cm} + (0.25(-104.55 \text{ kg})) = 0$$

