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$$\rho = 1100 \frac{\text{kg}}{\text{m}^3}$$

$$F_{vz} = ? \text{ [N]}$$

$$m_{\text{L}} = 66 \text{ kg}$$

$$g = 10 \frac{\text{N}}{\text{kg}}$$

$$\rho_{\text{k}} = 1000 \frac{\text{kg}}{\text{m}^3}$$

$$F_{vz} = V_{\text{L}} \cdot \rho_{\text{k}} \cdot g$$

$$F_{vz} = 0,06 \cdot 1000 \cdot 10$$

$$\underline{\underline{F_{vz} = 600 \text{ N}}}$$

$$\boxed{\rho_{\text{L}} = \frac{m_{\text{L}}}{V_{\text{L}}}}$$

$$\Rightarrow V_{\text{L}} = \frac{m_{\text{L}}}{\rho_{\text{L}}}$$

$$V_{\text{L}} = \frac{66}{1100}$$

$$\underline{\underline{V_{\text{L}} = 0,06 \text{ m}^3}}$$

Človek je nadhčovaný silou o veľikosti 600N.