

$$H_{100} := 8.3 \text{ m}$$

$$H_{92} := 8.7 \text{ m}$$

$$Q_{100} := 18 \frac{\text{m}^3}{\text{hr}}$$

$$Q_{92} := 16 \frac{\text{m}^3}{\text{hr}}$$

Anlægskarakteristikken bestemmes ud fra formlen (pp pumper og anlægskarakteristikker)

$$H_{\text{anlæg}} = H_{\text{stat}} + k \cdot Q^2$$

Solve

Guess Values

$$k := 1$$

$$H_{\text{start}} := 1$$

Constraints

$$H_{100} = H_{\text{start}} + k \cdot Q_{100}^2$$

$$H_{92} = H_{\text{start}} + k \cdot Q_{92}^2$$

Solver

$$\text{find}(k, H_{\text{start}}) = ?$$