

$$\alpha) E = \frac{\pi d^2}{4} = \frac{3,14 \cdot (2\text{cm})^2}{4} = 3,14 \text{ cm}^2$$

$$\beta) \alpha = \frac{360^\circ}{K} \Rightarrow K = \frac{360^\circ}{\alpha} = \frac{360^\circ}{180^\circ} \Rightarrow K = 2$$

$$\gamma) V_{o\lambda} = K \cdot V_K \Rightarrow V_K = \frac{V_{o\lambda}}{K} = \frac{62,8\text{cm}^3}{2} \Rightarrow V_K = 31,48 \text{ cm}^3 \Rightarrow V_K = 31,4\text{cm}^3$$

$$V_K = E \cdot l \Rightarrow l = \frac{V_{K\text{o}\lambda}}{E} = \frac{31,4\text{cm}^3}{3,14\text{cm}^2} \Rightarrow l = 10 \text{ cm}$$

ΦΡΟΝΤΙΣΤΗΡΙΟ "ΤΕΧΝΙΚΟ"