



$$m = 1 - \frac{\pi}{6(1 - \cos \theta)\sqrt{1 + 2 \cos \theta}}$$

$$V_k = \frac{\pi r^4 t (P_1 - P_2)}{8 \eta l}$$

$$V_k \cdot p = \frac{\pi r^4 \cdot t (p_1 - p_2)}{8 \eta \cdot b} \cdot \frac{(p_1 + p_2)}{2},$$

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$$V_k \cdot Nf = \frac{\pi r^4 \cdot t \cdot N \cdot f (p_1 - p_2)}{8\eta \cdot b} \cdot \frac{(p_1 + p_2)}{2p},$$

или

$$V_k = \frac{\pi r^4 N}{8} \cdot \frac{f \cdot t}{\eta \cdot b} \cdot \frac{(p_1 - p_2)(p_1 + p_2)}{2p},$$

где

$$V = V_k \cdot N \cdot f.$$

$$G = \frac{\eta \cdot b}{f \cdot t} \cdot \frac{V}{(p_1 - p_2)} \cdot \frac{2p}{(p_1 + p_2)}.$$

$$G = \frac{\eta \cdot b}{f \cdot t} \cdot \frac{V}{\Delta p},$$

$$\Delta p = p_1 - p_2.$$

$$V_{cp} \cdot p_{cp} = V_2 \cdot p_2, \text{ a } p_{cp} = \frac{p_1 + p_2}{2},$$

$$G = \frac{2\eta \cdot V_{cp} \cdot b}{f \cdot t(p_1^2 - p_2^2)}.$$

$$K = \frac{V \cdot b}{f \Delta p \cdot t}$$

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