

$$\begin{cases} \text{Hm}_1 = \frac{\mu.N_1^2.D^2}{g} \\ \text{Hm}_2 = \frac{\mu.N_2^2.D^2}{g} \end{cases} \Rightarrow \frac{\text{Hm}_1}{\text{Hm}_2} = \left(\frac{N_1}{N_2}\right)^2$$

$$\begin{cases} \text{Qv}_1 = \delta.N_1.D^3 \\ \text{Qv}_2 = \delta.N_2.D^3 \end{cases} \Rightarrow \frac{\text{Qv}_1}{\text{Qv}_2} = \left(\frac{N_1}{N_2}\right)$$