In process of development

1 INPUTS:

- Q[l/s] – water Flow;
- Din[mm] – inside Diameter;
- L[m] – length of pipe line.

2 EQUATIONS:

$$1 = -2lg\left(\frac{2{,}51}{Re\sqrt{\lambda}} + \frac{\Delta}{3{,}7D}\right)\sqrt{\lambda}$$

$$h = \frac{\lambda . l . v^2}{2 . g . D}$$

- A = 1 - left side of Colbruk-White Equation;
- $\Delta[\mathrm{m}]$ - ???
- Re – Reinolds number;
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3 OUTPUT:

- h[m] – head loss in pipe line;