



$T$  = time  
 $L$  = pipe length  
 $D$  = pipe diameter  
 $Q$  = flow rate

$$T = (3,14 \times D^2 \times L) / (2 \times Q)$$

$$T = (3,14 \times 0,06^2 \times 2000) / (2 \times 1,8) \text{ min} = 6,28 \text{ min}$$