***Pierderi de sarcină 3***

# Date initiale

Debit (Q) m3/hr 19.8 0.00550 m3/s

Diametru Interior (D) mm 81 0.081 m

Viscozitate Cinematica (ν) cSt 0.5541 5.541E-07 m2/s

Duritate Specifica (Є) m 2.00E-04

Lungime Tronson (L) m 1.4

# Date Calculate

Viteza medie - V (m/s) 1.07

Numarul lui Reynolds 156027

Factor de frictiune 0.026

# Pierderi de presiune liniare (m) 0.03 0.06

**al K**

# Pierderile de presiune locale

|  |  |  |  |
| --- | --- | --- | --- |
|  | **K** | **Buc.** | **Subtot** |
| Valva Inclinata | 5 | 0 | 0 |
| Valva Globulara | 0.05 | 0 | 0 |
| Valva Fluture | 0.6 | 0 | 0 |
| Valva de Verificare | 2.3 | 0 | 0 |
| Cot 45 Grade | 0.4 | 0 | 0 |
| Cot 90 Grade, Raza Mare | 0.6 | 0 | 0 |
| Cot 90 Grade, Standard | 0.9 | 0 | 0 |
| Debitmetru | 7 | 0 | 0 |
| Valva Picior | 0.9 | 0 | 0 |
| Valva Plana | 0.2 | 0 | 0 |
| Robinet sferic | 0.5 | 0 | 0 |
| Intrare Teava, orientata in jos | 1 | 0 | 0 |
| Intrare Teava, Muchie Ascutita | 0.5 | 1 | 0.5 |
| Iesire Teava | 1 | 0 | 0 |
| Teu, Standard, Curgere Dreapta | 1.8 | 0 | 0 |
| Teu, Standard, Curgere 90 Grade | 0.6 | 0 | 0 |
|  | | | **0.5** |

**Pierderi de Presiune Locale (m)** **0.03**

**TOTAL 0.0054** bar