```
 (\text{Debug}) \, \ln[1] \coloneqq \, \text{comprimento} = 753; \\ \text{desnivelGeo} = 32.5; \\ \eta \, [\text{vazao}_{-}] \, := -.0039 \, \text{vazao}^2 + .985 \, \text{vazao} + 4.37; \\ \text{hmt} \, [\text{vazao}_{-}] \, := -.0011 \, \text{vazao}^2 + .044 \, \text{vazao} + 58.39; \\ \text{q} = \text{Solve} \, [\text{D}[\eta \, [\text{vazao}]_{-}, \text{vazao}] \, := 0, \text{vazao}]; \\ \text{hmtx} = \text{hmt} \, [\text{q}[\, [\, 1, \, 1, \, \, 2\,] \,]\,]; \\ \text{hf} \, [\text{vazao}_{-}] \, := \, \frac{10.65 \, (\text{vazao} \, / \, 1000)^{\, 1.852} \, \text{comprimento}}{130^{\, 1.852} \, \text{d}^{\, 4.871}} \\ \text{a} = \text{Solve} \, [\text{hmtx} \, := \, 32.5 + \text{hf} \, [\text{q}[\, [\, 1, \, 1, \, \, 2\,] \,]\,], \, \text{d}]; \\ \text{a} \, [\, [\, 1, \, 1, \, \, 2\,] \,] \, \, 1000
```

(Debug) Out[9]= 263.877