```
(Debug) In[52]:= (* Equação Universal - Cálculo do fluxo *)
(Debug) In[246]:= comprimentoAspersor = 2;
              diametroAspersor = .0234;
              comprimentoTubalacao = 200;
              diametroRecalque = .075;
              hgs = 10;
              hgsrecalque = 24;
              hgaspersor = 2;
              hfsuccao = 1;
              hfaspersor = 1;
              cargaDePressao = 40;
              f = .9;
             vazao = Solve \left[1 = .08263 \text{ f q}^2 \frac{\text{comprimentoAspersor}}{\text{diametroAspersor}^5}, \text{ q}\right];
             hf = \frac{10.65 \text{ vazao}[[2, 1, 2]]^{1.852} \text{ comprimento Tubalacao}}{1.852 \text{ comprimento Tubalacao}};
                                  150<sup>1.852</sup> diametroRecalque<sup>4.871</sup>
              hmt =
                (-hgs + hfsuccao) + (-hgsrecalque + hf) + (hgaspersor + hfaspersor) + cargaDePressao
(Debug) Out[259]=
         10.0099
(Debug) In[60]:=
(Debug) In[61]:=
(Debug) In[62]:=
(Debug) Out[63]= 10 + 6.92824 \times 10^{-7} comprimento Tubulacao
```