Friction Loss for the 3” Viking Model F Series Dry Valves is equivalent to 3 feet of 3” Schedule 40 (id = 3.068”) Pipe (C = 120).

To calculate friction loss for the 3” (id = 3.068”) Viking Model F Series Dry Valves at a specific flow, use the following formula:

\[ P = \left( \frac{4.52 \times Q^{1.85}}{C^{1.85} \times 3.068^{4.87}} \right) \times 3 \]

Where
- \( P \) = Friction Loss (PSI)
- \( Q \) = Flow in GPM
- \( C \) = Constant (=120)