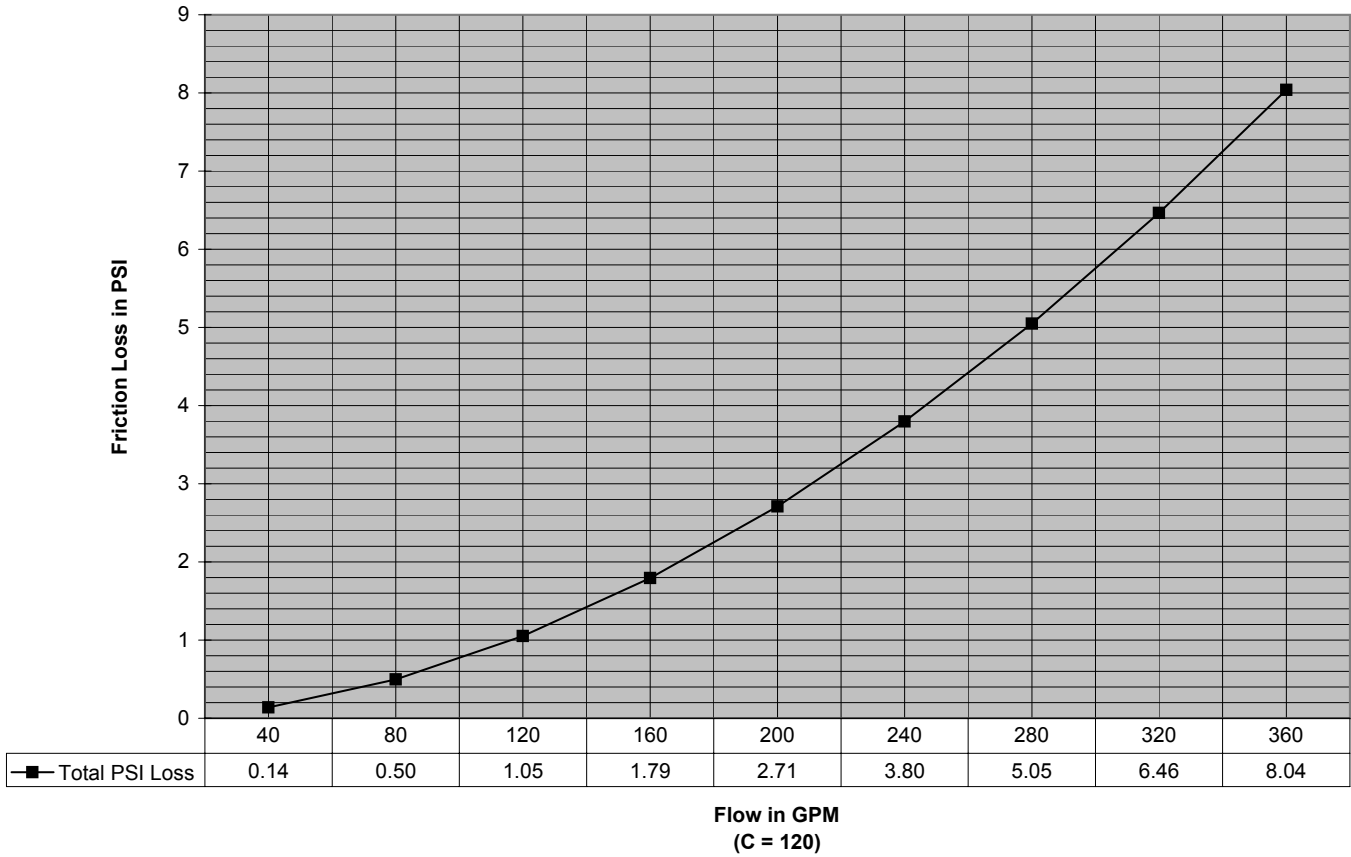


Technical Data Sheet: Friction Loss Chart - 2" Model MW-3 In-Line Check Valve

FOR USE WITH ENGLISH PRACTICAL SYSTEM
 Where Flow is Measured in GPM and Pressure is Measured in PSI

Graph is for reference purposes.



Friction Loss for the 2" Minimax Fire Protection Model MW-3 Spring Loaded In-Line Check Valves is equivalent to 8 feet of 2" Schedule 40 (id = 2.067") Pipe (C = 120).

To calculate friction loss for the 2" (id = 2.067") Minimax Fire Protection Model MW-3 Spring Loaded In-Line Check Valves at a specific flow, use the following formula:

$$P_{\text{PSI}} = \left(C^{1.85} \times 2.067^{4.87} \right) \times 8 \times Q^{1.85}$$

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