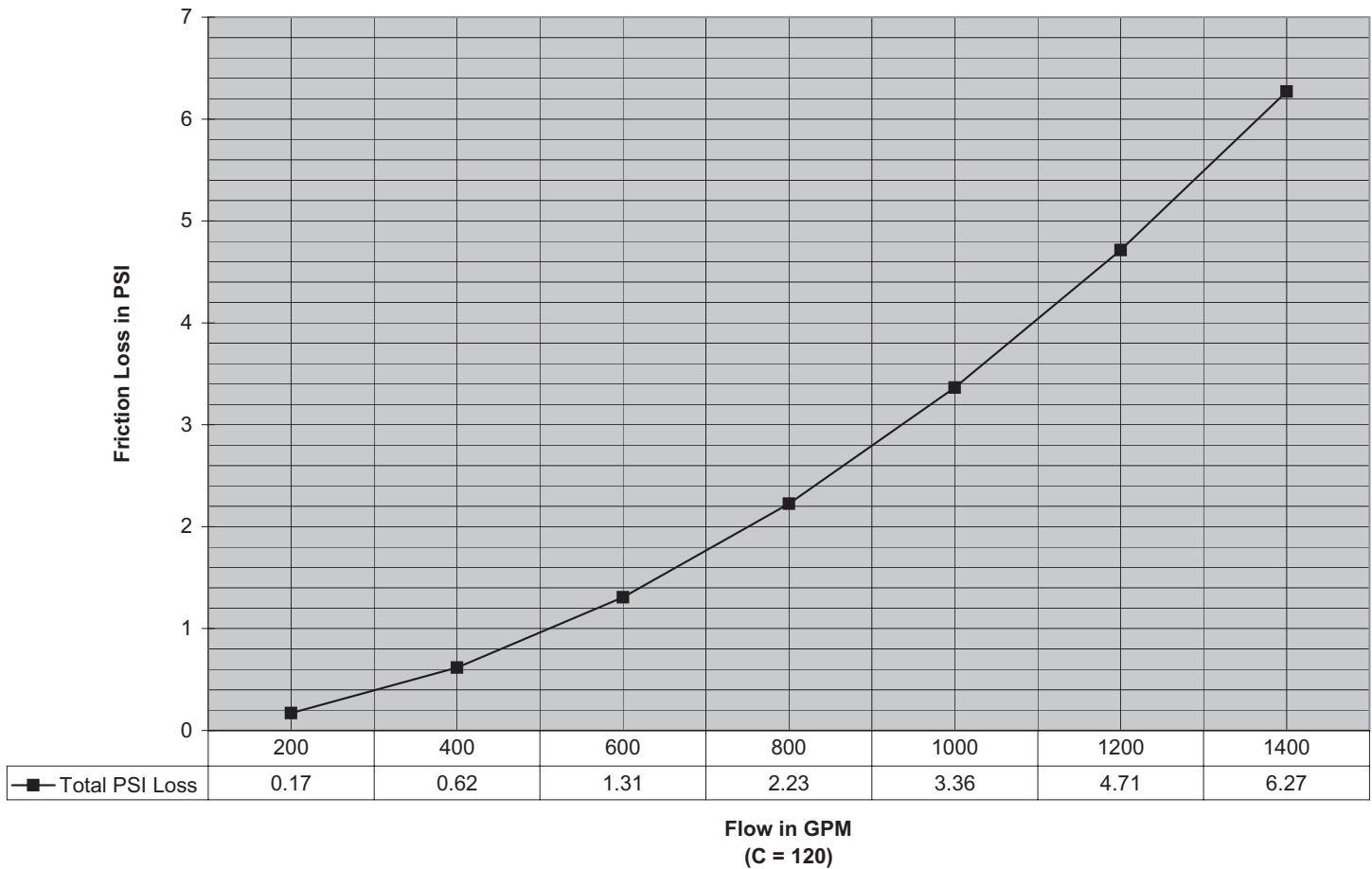


| | | |
|---|-----------------------|--|
|  | TECHNICAL DATA | 4" MODEL D-1 AND G-1 SWING CHECK VALVES FRICTION LOSS CHART |
|---|-----------------------|--|

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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 4" Viking Model D-1 and G-1 Swing Check Valves is equivalent to 13 feet of 4" Schedule 40 (id = 4.026") Pipe (C = 120).

To calculate friction loss for the 4" (id = 4.026") Viking D-1 and G-1 Swing Check Valves at a specific flow, use the following formula:

$$P_{\text{PSI}} = \left(\frac{4.52 \times Q^{1.85}}{C^{1.85} \times 4.026^{4.87}} \right) \times 13$$

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