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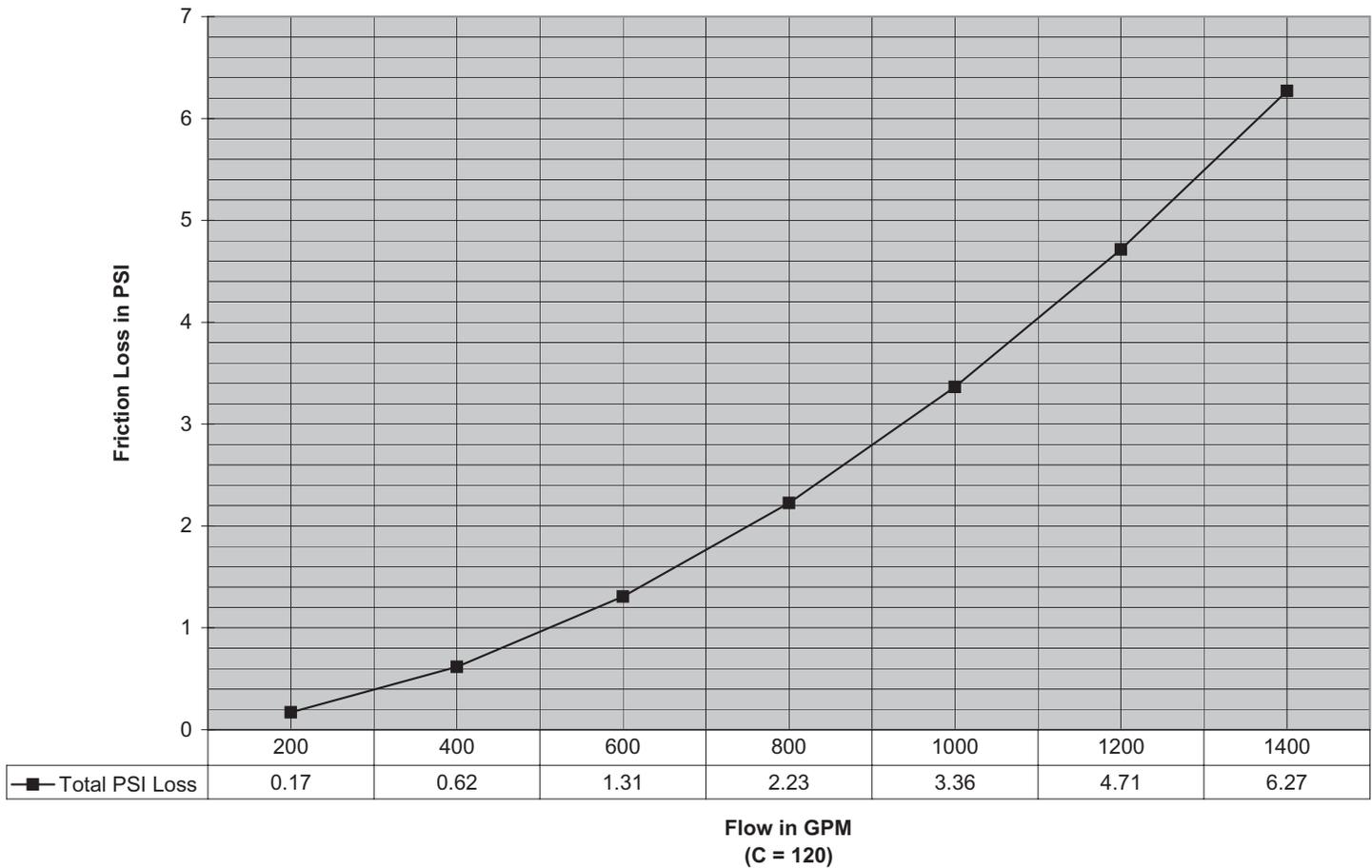
TECHNICAL DATA

4" MODEL J-1 ALARM  
CHECK VALVE  
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 J-1 Alarm Check Valve 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 Model J-1 Alarm Check Valve 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)