

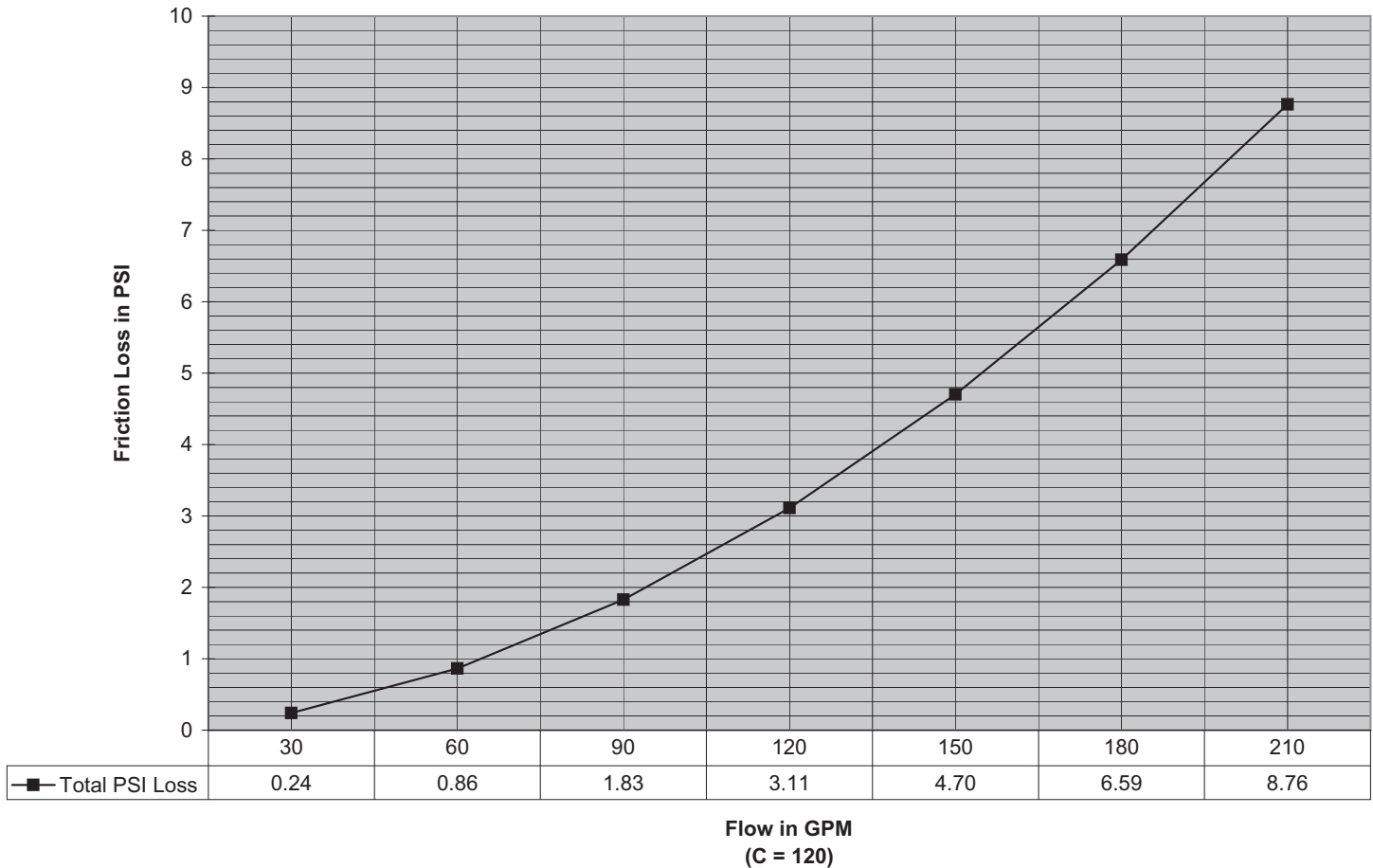
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	TECHNICAL DATA	1-1/2" THREADED MODEL K-1 SPRING LOADED IN-LINE CHECK VALVE FRICTION LOSS CHART
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FOR USE WITH ENGLISH PRACTICAL SYSTEM
Where Flow is Measured in GPM and Pressure is Measured in PSI

Graph is for reference purposes.



Friction Loss for the 1-1/2" Viking Threaded Model K-1 Spring Loaded In-Line Check Valve is equivalent to 7 feet of 1-1/2" Schedule 40 (id = 1.61") Pipe (C = 120).

To calculate friction loss for the 1-1/2" (id = 1.61") Viking Threaded Model K-1 Spring Loaded In-Line Check Valve at a specific flow, use the following formula:

$$P_{\text{PSI}} = \left(\frac{4.52 \times Q^{1.85}}{C^{1.85} \times 1.61^{4.87}} \right) \times 7$$

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