

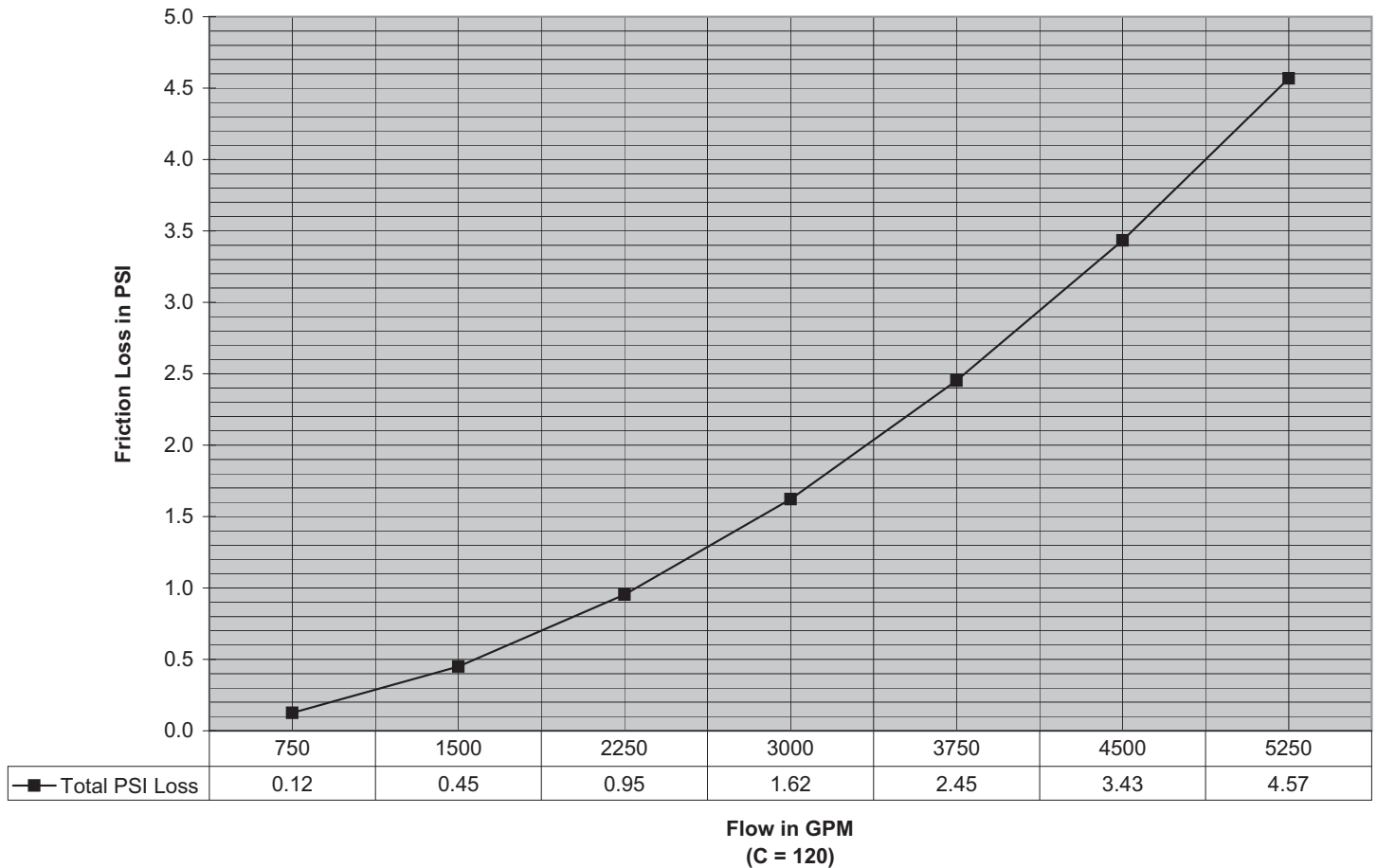
	TECHNICAL DATA	8" MODEL D-1 AND G-1 SWING CHECK VALVES FRICTION LOSS CHART
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FOR USE WITH ENGLISH PRACTICAL SYSTEM
 Where Flow is Measured in GPM and Pressure is Measured in PSI

Graph is for reference purposes.

Total PSI Loss



Friction Loss for the 8" Viking Model D-1 and G-1 Swing Check Valves is equivalent to 23 feet of 8" Schedule 40 (id = 7.981") Pipe (C = 120).

To calculate friction loss for the 8" (id = 7.981") Viking Model D-1 and G-1 Swing Check Valves at a specific flow, use the following formula:

$$P_{\text{PSI}} = \left(\frac{4.52 \times Q^{1.85}}{C^{1.85} \times 7.981^{4.87}} \right) \times 23$$

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