

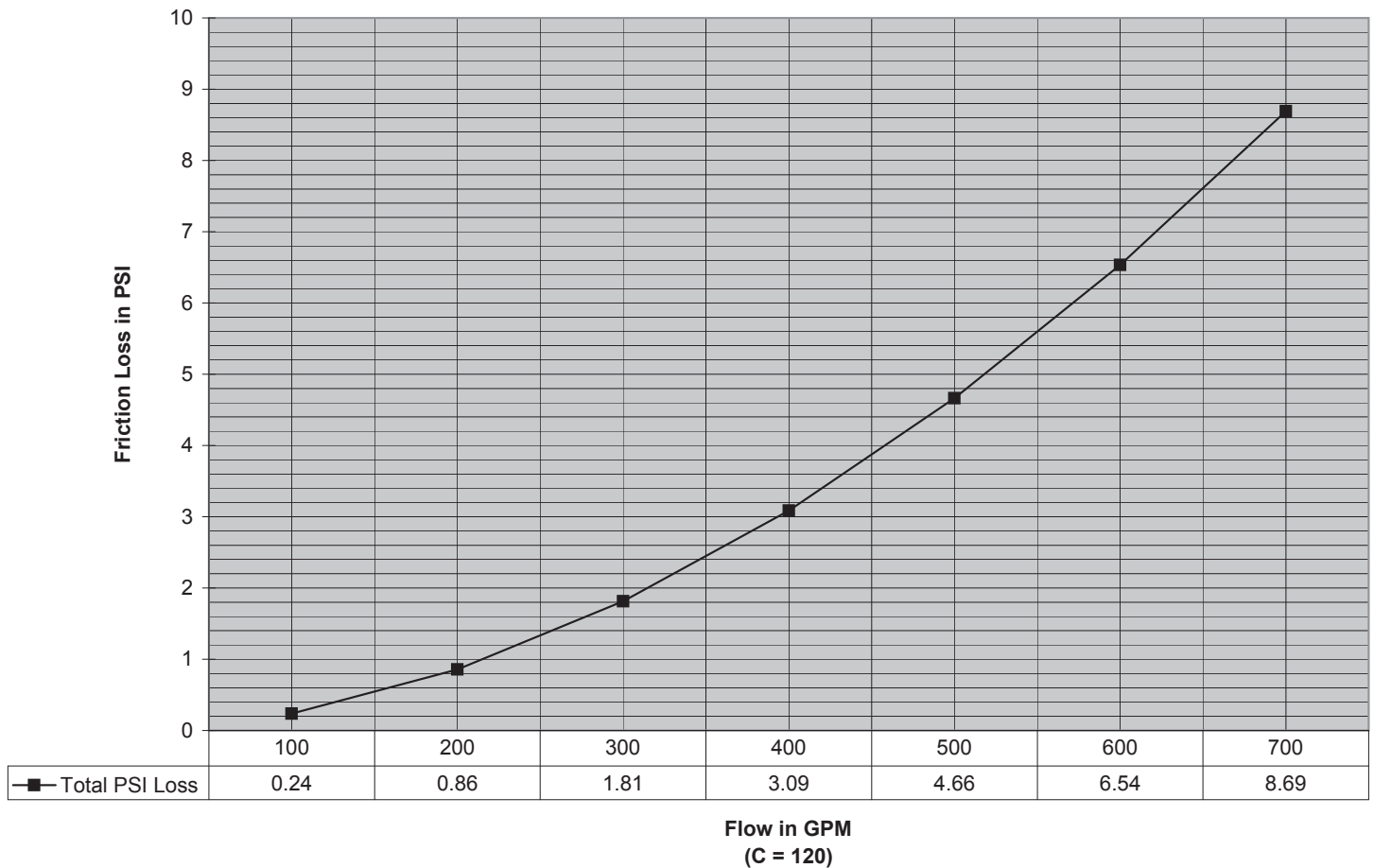
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<h1>VIKING</h1>	<h2>TECHNICAL DATA</h2>	<h3>3" MODEL G-3000 DRY VALVE FRICTION LOSS CHART</h3>
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FOR USE WITH ENGLISH PRACTICAL SYSTEM  
 Where Flow is Measured in GPM and Pressure is Measured in PSI

Graph is for reference purposes.



**Friction Loss for the 3" Viking Model G-3000 Dry Valve is equivalent to 17.3 feet of 3" Schedule 40 (id = 3.068") Pipe (C = 120).**

**To calculate friction loss for the 3" (id = 3.068") Viking Model G-3000 Dry Valve at a specific flow, use the following formula:**

$$P_{\text{PSI}} = \left( \frac{4.52 \times Q^{1.85}}{C^{1.85} \times 3.068^{4.87}} \right) \times 17.3$$

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