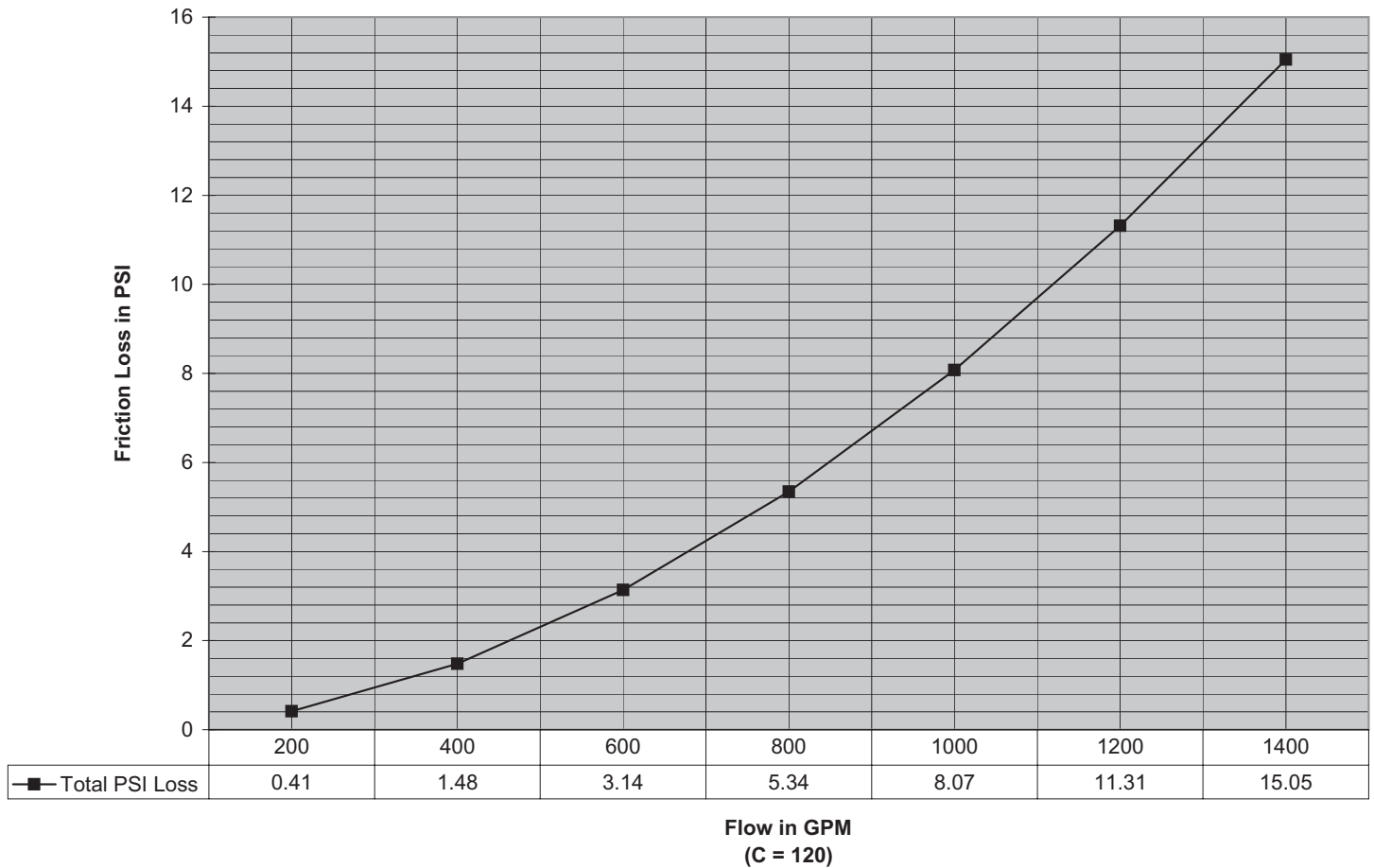


<h1>VIKING</h1>	<h2>TECHNICAL DATA</h2>	<h3>4" MODEL G4000 DRY VALVE FRICTION LOSS CHART</h3>
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FOR USE WITH ENGLISH PRACTICAL SYSTEM
 Where Flow is Measured in GPM and Pressure is Measured in PSI

Graph is for reference purposes.



Friction Loss for the 4" Viking Model G4000 Dry Valve is equivalent to 31.2 feet of 4" Schedule 40 (id = 4.026") Pipe (C = 120).

To calculate friction loss for the 4" (id = 4.026") Viking Model G4000 Dry Valve at a specific flow, use the following formula:

$$P_{\text{PSI}} = \left(\frac{4.52 \times Q^{1.85}}{C^{1.85} \times 4.026^{4.87}} \right) \times 31.2$$

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