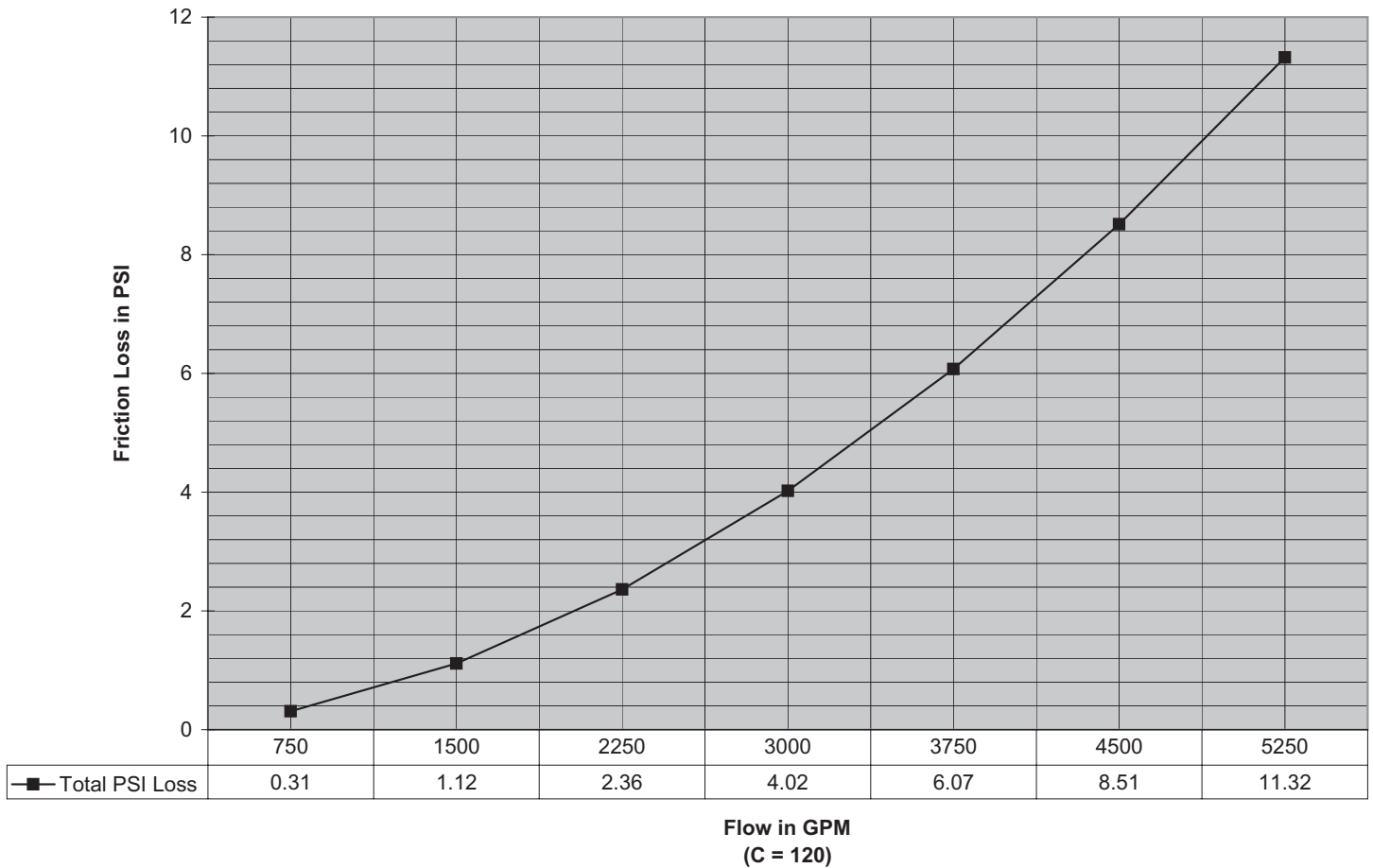


<h1>VIKING</h1>	<h2>TECHNICAL DATA</h2>	<h3>8" MODEL F SERIES STRAIGHT THROUGH DELUGE VALVES FRICTION LOSS CHART</h3>
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FOR USE WITH ENGLISH PRACTICAL SYSTEM
 Where Flow is Measured in GPM and Pressure is Measured in PSI

Graph is for reference purposes.



Friction Loss for the 8" Viking Model F Series Straight Through Deluge Valves is equivalent to 57 feet of 8" Schedule 40 (id = 7.981") Pipe (C = 120).

To calculate friction loss for the 8" (id = 7.981") Viking Model F Series Straight Through Deluge Valves at a specific flow, use the following formula:

$$P_{\text{PSI}} = \left(\frac{4.52 \times Q^{1.85}}{C^{1.85} \times 7.981^{4.87}} \right) \times 57$$

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