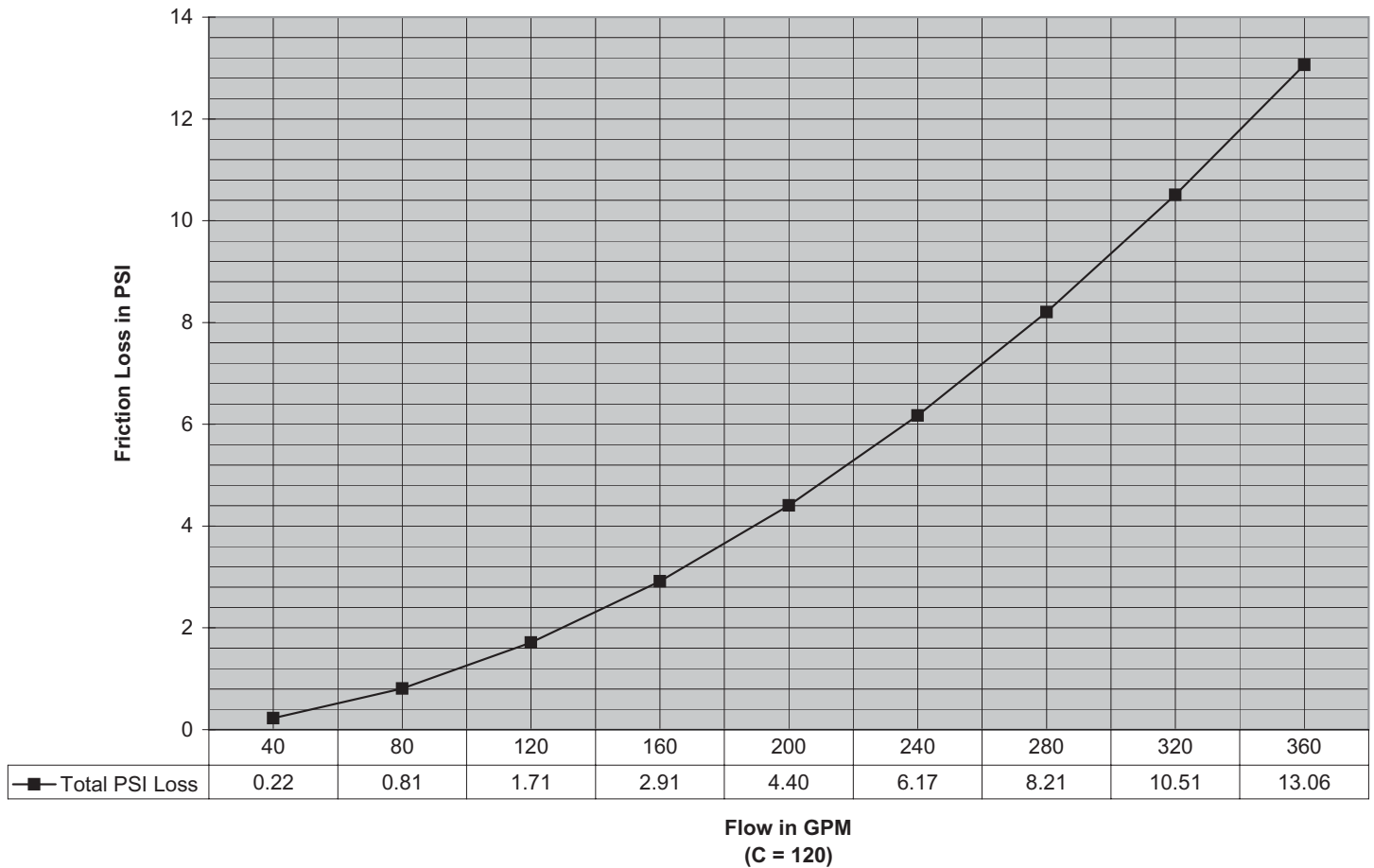


	TECHNICAL DATA	2" MODEL E AND F SERIES DELUGE VALVES FRICTION LOSS CHART
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FOR USE WITH ENGLISH PRACTICAL SYSTEM
 Where Flow is Measured in GPM and Pressure is Measured in PSI

Graph is for reference purposes.



Friction Loss for the 2" Viking Model E and F Series Deluge Valves is equivalent to 13 feet of 2" Schedule 40 (id = 2.067") Pipe (C = 120).

To calculate friction loss for the 2" (id = 2.067") Viking Model E and F Series Deluge Valves at a specific flow, use the following formula:

$$P_{\text{PSI}} = \left(\frac{4.52 \times Q^{1.85}}{C^{1.85} \times 2.067^{4.87}} \right) \times 13$$

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