

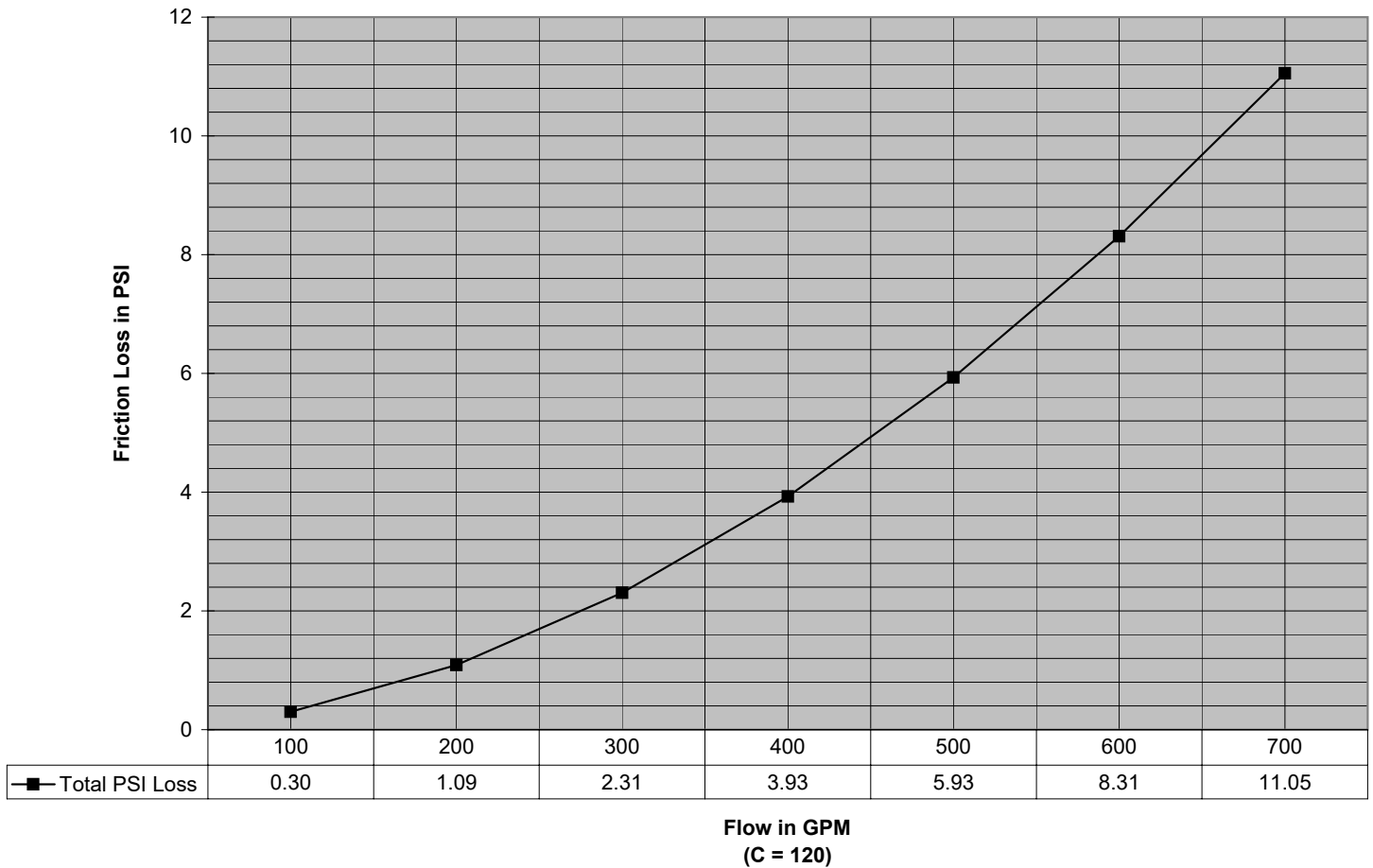


TECHNICAL DATA

3" MODEL J SERIES FLOW CONTROL VALVES FRICTION LOSS CHART

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 J Series Flow Control Valve is equivalent to 22 feet of 3" Schedule 40 (id = 3.068") Pipe (C = 120).

To calculate friction loss for the 3" (id = 3.068") Viking Model J Series Flow Control Valves at a specific flow, use the following formula:

$$P = \left(\frac{4.52 \times Q^{1.85}}{C^{1.85} \times 3.068^{4.87}} \right) \times 22$$

PSI

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