

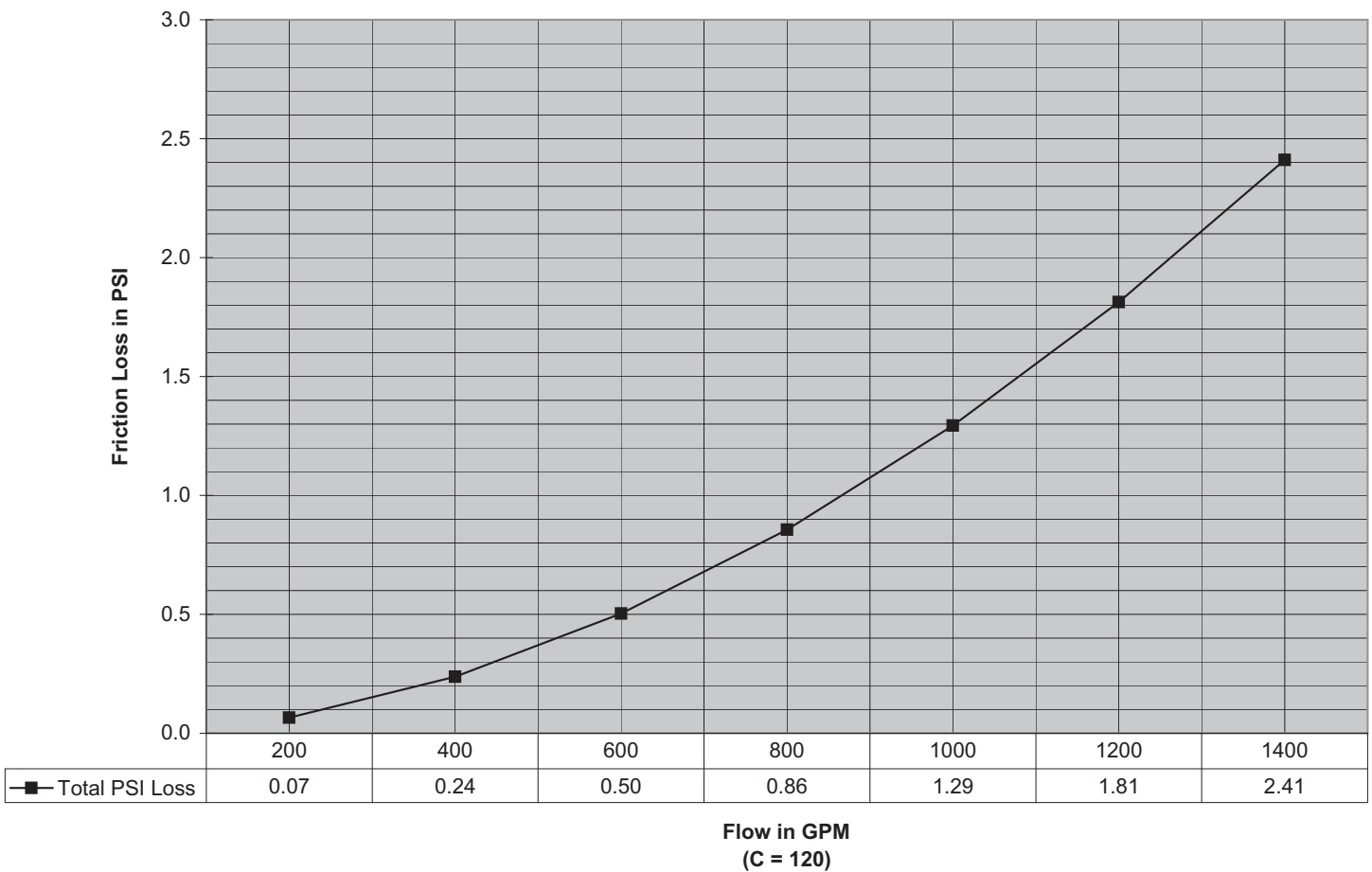
May 18, 2009

	TECHNICAL DATA	4" MODEL F SERIES DRY VALVES FRICTION LOSS CHART
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The Viking Corporation, 210 N Industrial Park Drive, Hastings MI 49058
Telephone: 269-945-9501 Technical Services 877-384-5464 Fax: 269-818-1680 Email: techsvcs@vikingcorp.com

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 F Series Dry Valves is equivalent to 5 feet of 4" Schedule 40 (id = 4.026") Pipe (C = 120).

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

$$P_{\text{PSI}} = \left(\frac{4.52 \times Q^{1.85}}{C^{1.85} \times 4.026^{4.87}} \right) \times 5$$

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

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