

May 18, 2009



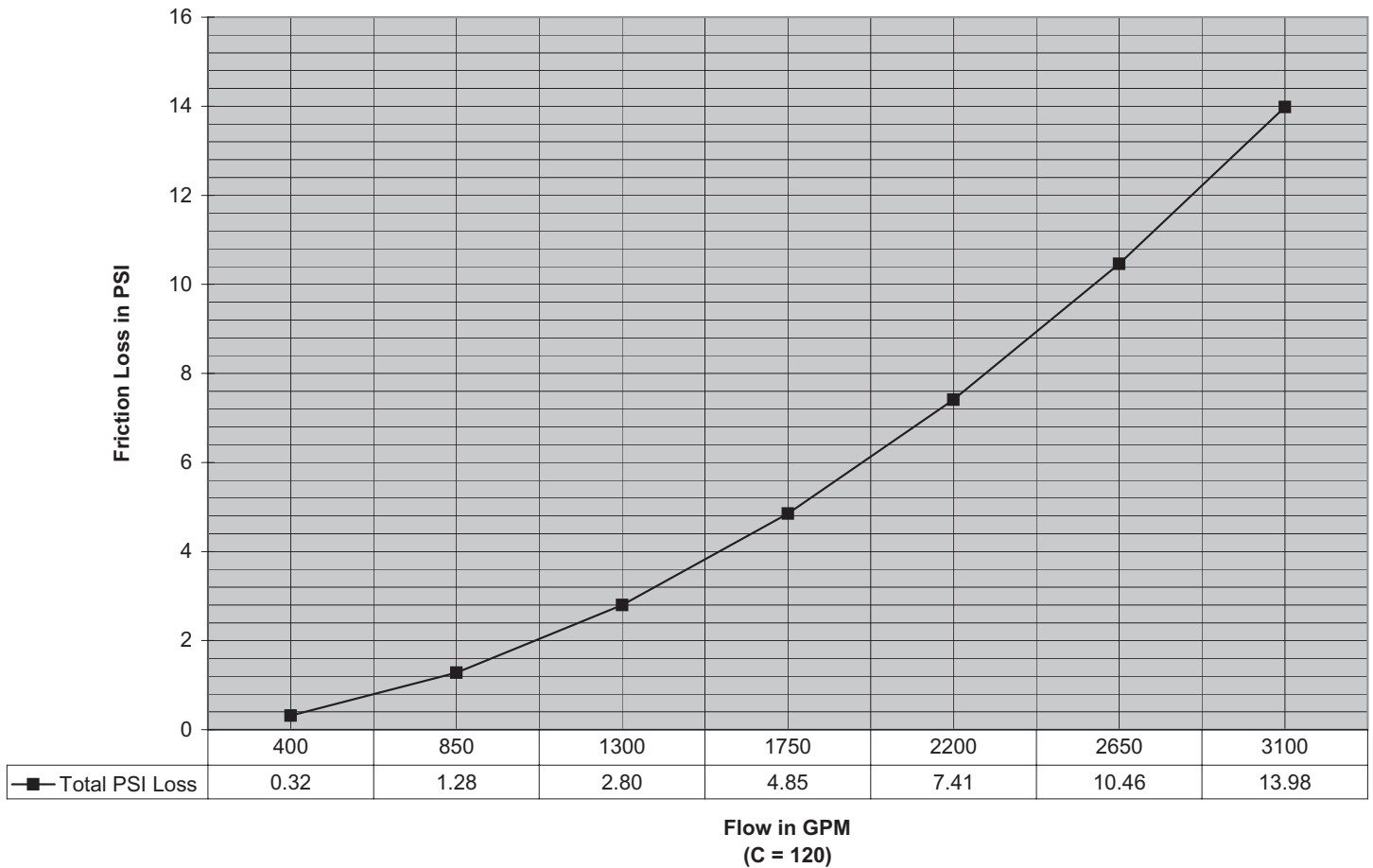
TECHNICAL DATA

6" MODEL F SERIES DRY VALVES FRICTION LOSS CHART

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 6" Viking Model F Series Dry Valves is equivalent to 49 feet of 6" Schedule 40 (id = 6.065") Pipe (C = 120).

To calculate friction loss for the 6" (id = 6.065") Viking Model F Series Dry Valves at a specific flow, use the following formula:

$$P_{\text{PSI}} = \left( \frac{4.52 \times Q^{1.85}}{C^{1.85} \times 6.065^{4.87}} \right) \times 49$$

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