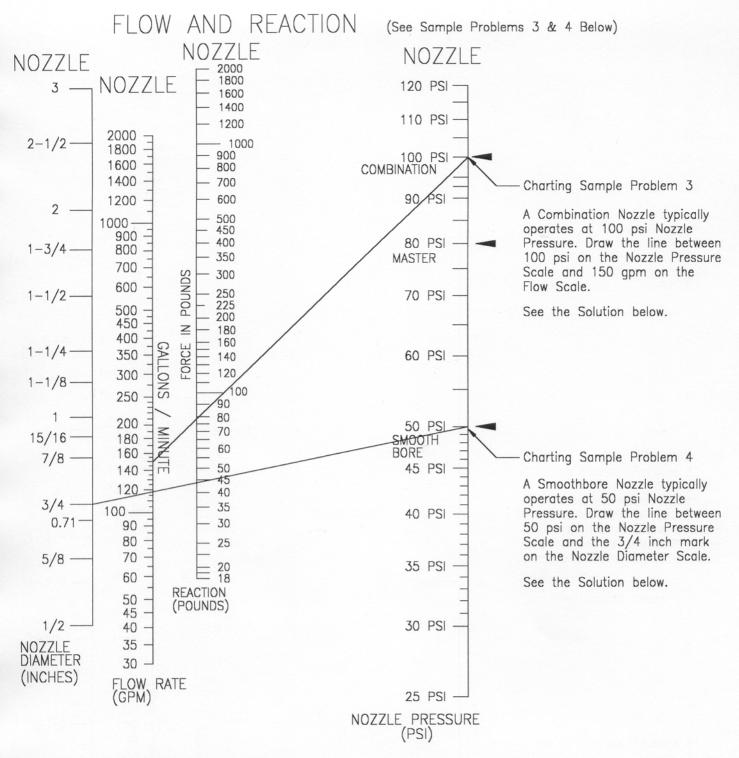


FRICTION LOSS AND NOZZLE FLOW CALCULATOR
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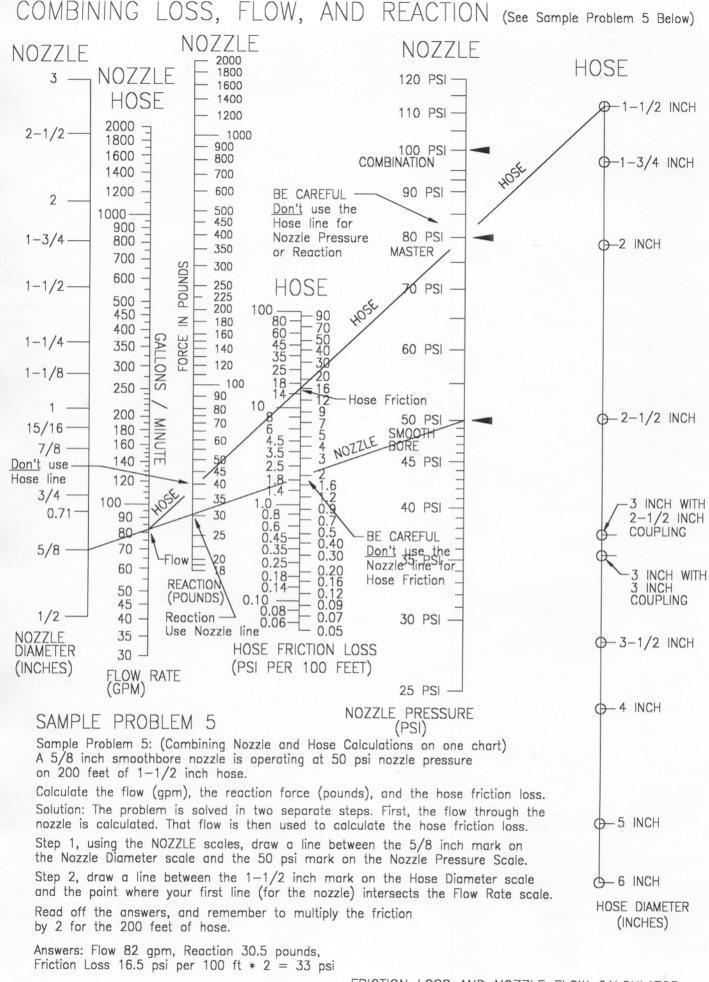


SAMPLE PROBLEMS 3 & 4

Sample Problem 3
A combination nozzle is rated to flow 150 gpm at 100 psi Nozzle Pressure. Calculate the Reaction Force.
Solution: Draw a straight line between the points 150 gpm Flow Rate and 100 psi Nozzle Pressure.
Then read the reaction force as approximately 78 pounds. (The flow rate was given.)

Sample Problem 4
A 3/4 inch smoothbore nozzle is operated at 50 psi Nozzle Pressure. Calculate the Flow through the nozzle and the Reaction Force.

Solution: Draw a straight line between the points 3/4 inch Nozzle Diameter and 50 psi Nozzle Pressure. Then read the flow rate as 118 gpm and the reaction force as 44 pounds.



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Articles about J S Bach including:

- 1. How he wrote his music (disclosed for the first time ever)
- 2. The relationship between Bach's Music and the attacks
- 3. Examples of Bach's keyboard music, as he heard it
- 4. Sheet Music

Beethoven, too (What's he doing here?)

Literary and Historical Articles including:

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Fire Fighting and Emergency Medical Services:

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- 2. Solving Water Flow problems using Electric Circuit Theory
- 3. A simple way to predict the flow from a centrifugal pump
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