

Pressure Drop Curves



Application notes on sizing motorized flow controls

The pressure drop curves shown are with the valve at full open.

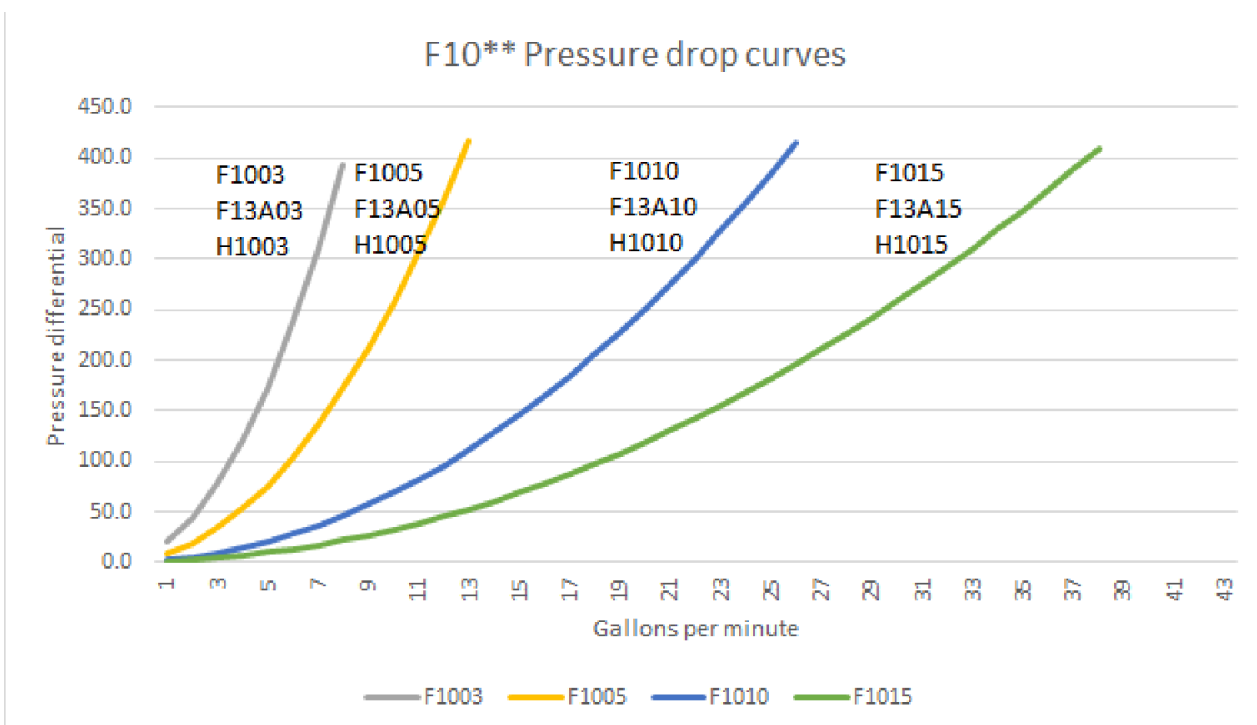
There may be a small variance from valve to valve due to tolerances in each valve. The pressure drop curves represent theoretical calculations and should only be used as a general guideline when sizing a motorized flow control.

Motorized flow control sizing example:

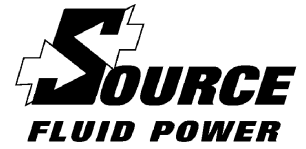
In a circuit that is using a 100 psi compensator and one of our F1010 size valves, the expected maximum flow would be about 12GPM.

If you were to use the same F1010 valve in a load sensing circuit with a 350 PSI compensator your expected maximum flow output would increase greatly to 24gpm.

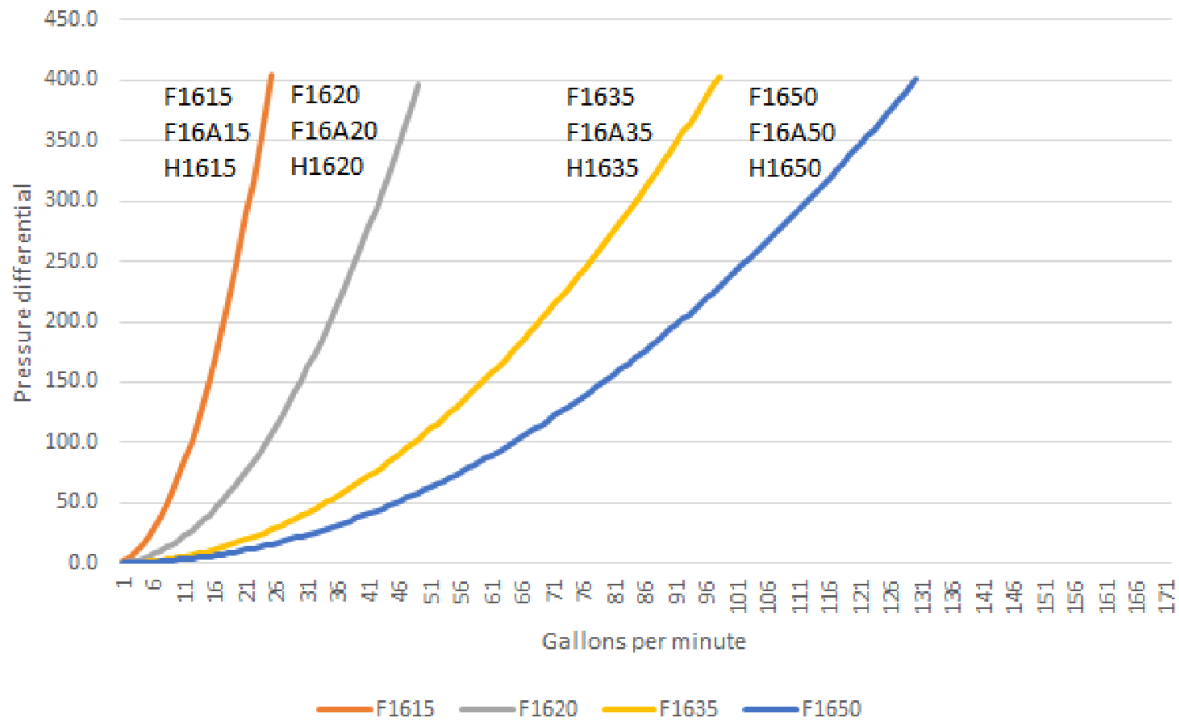
By sizing the valve as close as possible to the maximum expected flow and pressure drop you will have the best resolution possible.



Pressure Drop Curves



F16** Pressure drop curves



F20*** PRESSURE DROP CURVES

