

Pressure Relief Valve Design



Rupture Pin Technology has created a spring type relief valve that cannot simmer and reseats all in one. The design shown enhances the Rupture Pin Model SP relief valve by closing after blown down.

- Pin governs the relief protection set point
- Higher inlet pressure rises the greater the pressure on the seat to remain closed
- Once pin buckles at set pressure the valve rapidly goes to a full open position and changes to a spring type relief valve with same set pressure
- Once excess pressure is relieved the valve will close, eliminating pollution
- Design eliminates the need for inlet or outlet isolation with rupture disc

www.rupturepin.com [1]

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<http://www.chem.info/product-releases/2013/05/pressure-relief-valve-design>

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[1] <http://www.rupturepin.com/>

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