

Flow-Activated Safety Valve

The Peak Flow-Activated Safety Valve (FASV) is a cost effective, insert safety device that can be run below any suitable lock mandrel or nippleless SIM* retrievable bridge plug.

The Peak FASV is deployed in the flapper open position and will close as the velocity of produced fluids increases across the internal choke. Chokes are supplied in 1/64-in increments to suit customer requirements. The Peak FASV has an integral equalizing device to allow for quicker and safer equalization across the closed flapper when no pump/pressure facility is available at the wellhead.

APPLICATIONS

- Used when surface communication is no longer available between the surface control panel and the tubing retrievable surface controlled subsurface safety valve (TRSCSSV).
- High flow-rate wells.
- Shallow or deep-set applications.

FEATURES AND BENEFITS

- Simple and cost effective: carbide choke design
- Versatile: can be run below any lock mandrel or suitable nippleless bridge plug.
- Safer: Nitrogen gas not required
- Robust: all surfaces are treated to 55 RC to resist erosion
- Effective: through-conduct flow path results in less turbulence
- Reliable: features a metal-to-metal flapper seal and integral equalizing device

TECHNICAL INFORMATION

Nominal tubing size, in	Max. Tool OD, in	Min. Tool ID (no choke), in	Length, in [m]	Pressure Rating, psi [kPa]
2 7/8	2.295	1.000	38.2 [0.97]	5,000 [34,474]
3 1/2	2.800	1.500	40.9 [1.04]	5,000 [34,474]

Note: can be provided with threaded connections to suit most applications.



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Peak Flow-Activated Safety Valve.
An equalizing prong can be run to equalize across the flapper in the event no pump/pressure facility is available.

*Mark of Schlumberger

Product Code: Flow-Activated Safety Valve / 500

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