

Electric Submersible Pump Safety Valve (EPSV)



Features & Benefits:

- For use with rigless cable-deployed ESP systems
- 2 size variants for 3.5" production tubing
- 1 size variant for 4.5" production tubing
- Subsurface controlled design requiring no hydraulic or electrical power to operate
- Does not rely on existing completion components such as control line or seal bore integrity
- Run together with ESP assembly keeping installation and removal procedures as simple as possible, reducing rig time and improving safety
- Single moving part and simple mechanical design requires no pressurised chambers, hydraulic or electrical power
- Allows for retrofitting of safety valve in wells without/failed safety valve profiles
- Premium corrosion resistant material options available
- High temperature version available with enhanced seals and metallurgy ratings
- Expected valve commercialisation Q3 2019 including API 14A certification

Specifications:

Tool working pressure rating	5000 psi / 345 bar		
Make up length	2ft / 0.61m		
Outside diameter	2.17" 55.1mm	2.625" 66.7mm	3.19" 81.9mm
Inside diameter	TBC	TBC	TBC
Weight	15lbs 6.8kg	20lbs 9.1kg	25lbs 11.3kg
Design setting depth	Limited only by ESP design depth		
Design temperature rating	Standard: 120°C / 240°F High Temp: 170°C / 338°F		
Flow Area	TBC	TBC	TBC
Design flow rates	TBC	TBC	TBC
Connections	Customer specified		
Available metallurgies	Customer specified – 4140, 13Cr, Inconel 625 etc		