Description

Superior Completion Services' FlowSafe™ Wireline-Retrievable (WR) Safety Valve is a flapper-type, equalizing or non-equalizing, surface-controlled subsurface safety valve (SCSSV). The patent-pending valve is designed to provide subsurface isolation to minimize loss of production, protect human life, and reduce the potential for environmental discharge or damage to production equipment resulting from an uncontrolled surface or subsurface event.

The FlowSafe™ WR Safety Valve can be installed as a primary safety valve landed in a hydraulic nipple. It can also be used to remediate a failed tubing-retrievable (TR) safety valve or as an integral part of the InjectSafe® chemical injection system.

Applications

» Offshore environments and in onshore wells located in environmentally sensitive areas
» Any area in which the integrity of the wellhead can be compromised

Features and Benefits

» Hydraulically controlled
» Certified per API 14A specifications
» Maximized flow-through ID design
» Self-equalized through flapper option
» Optimized design helps eliminate sand fouling
» Compact design and minimal number of parts increases reliability
» Replacement for an existing TR safety valve
» Facilitates flow assurance well design criteria
» Minimized number of potential leak paths
» Premium metallurgies available for varied environments
## Technical Data

### FlowSafe™ WR Safety Valves

<table>
<thead>
<tr>
<th>Tubing Size*</th>
<th>Model</th>
<th>Minimum ID</th>
<th>Polished Bores</th>
<th>Working Pressure</th>
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<tr>
<td></td>
<td></td>
<td>in.</td>
<td>in.</td>
<td>Working Pressure</td>
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<tr>
<td></td>
<td></td>
<td>mm</td>
<td>mm</td>
<td>psi</td>
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<td>2 3/8</td>
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* The data provided above is not inclusive of all pressure ratings and ODs available in the tubing sizes listed. For additional information, contact your Superior Completion Services representative.

## References

- Reconnect™ system data sheet
- InjectSafe chemical injection system data sheet
- FlowSafe™ TR safety valve data sheet
- FlowSafe™ SCSSV brochure