HALLIBURTON

COMPLETION SOLUTIONS | SUBSURFACE SAFETY VALVES

NEXStar® tubing-retrievable safety valve

Enhanced TRSV with simple, compact design for improved performance

FEATURES

- Non-elastomer dynamic piston seals
- Flow tube debris barriers
- Unique flow tube design prevents debris from settling on top of flow tube
- MTM body joints
- Available with full MTM well containment capability in closed position
- Optional through flapper equalizing feature

BENEFITS

- Tested in field applications, reliable hydraulic actuator; dynamic seals independently verified gas-tight
- Critical components isolated from well debris with valve in open position
- Simple, compact design
- API 14A 13th edition verified

Overview

The Halliburton NEXStar® tubing-retrievable safety valve (TRSV) builds on the legacy of the Halliburton NE™ safety valve platform with improved performance features. The NEXStar TRSV is a single rod-piston non-elastomer flapper valve designed for general production with greater reliability and long life. The valve includes an embedded resilient seal in the flapper/seat assembly for improved low-pressure sealing performance while maintaining full metal-to-metal (MTM) sealing capability for high pressure. The NEXStar TRSV actuator design includes the field-proven, high-performance, non-elastomer hydraulic piston used throughout Halliburton rod-piston TRSVs. The HST MTM body joints and the high-performance actuator place this valve in the premium category while the simple, compact design enhances the valve's overall performance to help deliver reliable operation.



NEXStar® TRSV

Applications

- General production completions
- Hostile well environments incompatible with elastomers
- Cement-through operations
- Frac-through operations

NEXStar® tubing-retrievable safety valve specifications

TUBING SIZE (IN.)	MAXIMUM OD (IN.)	INTERNAL PACKING BORE (IN.)	PRESSURE RATING (PSI)
2 7/8*	4.65 to 4.91	2.125 to 2.313	5,000 to 10,000
3 1/2	5.03 to 5.62	2.562 to 2.813	5,000 to 10,000
4 1/2	5.965** 6.62 to 7.35	3.688 to 3.813	5,000 to 10,000

*NE™ safety valve option only

**Slimline option (NE™ safety valve)

For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

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