

COMPLETION SOLUTIONS | SUBSURFACE SAFETY VALVES

EquiStar[®] Tubing-Retrievable Safety Valve (TRSV)

Helps eliminate setting depth constraints, increase reliability, and reduce CapEx

APPLICATIONS

- Deep-set/deepwater completions
- Hostile well environments incompatible with elastomers
- High-pressure production or injection wells

FEATURES

- Tubing pressure insensitive design
- Non-elastomer dynamic piston seals
- Metal-to-metal (MTM) body joints and flapper sealing
- Flow tube debris barriers and cleanout ports
- MTM face seat at flow tube downstop
- Internal exercise profile

BENEFITS

- Setting depths can meet well completion requirements, rather than safety valve limitations
- Low hydraulic operating pressure
- Field-proven, reliable hydraulic actuator; dynamic and static seals independently verified gas-tight
- Control line isolated from well fluid by MTM seal with valve in closed position
- Critical components isolated from well debris with valve in open position
- Minimized potential leak paths
- Enhanced debris protection
- Gas slam tested
- API 14A V1-R availability

Overview

The Halliburton EquiStar[®] tubing-retrievable safety valve (TRSV) builds upon the legacy of the Halliburton SPT[™] TRSV platform with an added proprietary balance line feature that accommodates deep-set applications. The EquiStar TRSV is a non-elastomer rod-piston flapper valve designed to function independently of well pressure. It operates at consistently low hydraulic pressure without the need for gas-charged chambers, which makes it an ideal solution for deepwater, ultra-deepwater, high-pressure/high-temperature (HP/HT), and gas-storage applications.



EquiStar[®] TRSV

EquiStar® TRSV Specifications

TUBING SIZE IN.	MAXIMUM OD IN.	INTERNAL PACKING BORE IN.	PRESSURE RATING PSI
4 1/2	7.69 to 8.38	3.562 to 3.813	up to 10,000
5 1/2	7.69 to 8.38	4.313 to 4.562	up to 10,000
7	9.40	5.750 to 5.963	up to 7,500

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

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