

PRODUCT OVERVIEW

The Sentry WRSV is a surface controlled wireline retrievable subsurface valve with ratings up to 10,000 psi (69 MPa) and 300°F (149°C). The Sentry WRSV utilizes a single-piston premium seal actuator and a self-equalizing metal to metal flapper closure seal plus a secondary soft seat. The Sentry WRSV can be provided with a lock assembly to match the profile in the mating assembly. When assembled with a wireline lock it can be installed into either a safety valve nipple or in a locked out TRSV.

The Sentry WRSV is a fail safe, normally closed downhole valve that will protect personnel and property against uncontrolled flow in the event of a catastrophic surface event. The flapper is held open with control line pressure and will close when the pressure is released. The self-equalizing flapper design allows for an easy return to production.

FEATURES & BENEFITS

- Simple design to minimize internal components and leak paths
- Working pressures up to 10,000 psi (69 MPa)
- Self-equalizing feature
- Metal-to-metal flapper seal
- API 14A Validation Grade V2
- Compact design
- Can be fitted with various lock profiles to match desired configuration

SPECIFICATIONS

Wireline Retrievable SCSSV

Tubing Size		Nipple Profile Size		Lock Profile	Valve ID		Pressure Rating	
in.	mm	in.	mm		in.	mm	psi	mPa
2 3/8	60.3	1.875	47.62	X	0.755	19.17	10,000	69
2 7/8	73.0	2.313	58.75	X	1.12	28.45	10,000	69
3 1/2	88.9	2.813	71.45	X	1.125	28.57	10,000	69
4 1/2	114.3	3.813	96.85	X	1.75	44.45	10,000	69

