

## Single-shot Circulating Valve (SCV)

**Expro's SCV is an annular pressure controlled circulating valve and is designed to be used in cased hole testing and perforating operations, where extreme hydrostatic pressures are encountered.**

This tool is generally considered a back-up reverse/circulating valve to a multi-cycle circulating valve which can be re-closed, thus keeping the test string intact and allowing circulation to be continued at a point below the packer where the tester valve has a lock-open capability.

The SCV is a single shot tool run in the ports closed position. If required the ports can be opened by applying annulus pressure to burst a pre-selected high accuracy rupture disc. Once open, the valve cannot be re-closed.

The SCV can be in run in conjunction with other annular pressure operated downhole tools and setup to operate accordingly.



### Features and benefits

- Annulus operated.
- Back up to multi-cycle circulating valve.
- Single-shot.
- Run in closed position.
- Activated by high-accuracy rupture disc.

### Applications

- Shoot & Pull perforating including extreme high pressure wells.
- Drill stem testing including HPHT.
- Injection testing.
- Well stimulation.
- String flex trips.

# Drill Stem Testing (DST)



Extreme Pressure Series

## Technical specifications

Max. OD	5.25 in / 133 mm	
Min. ID	2.25 in / 57 mm	
Max. internal pressure	30,500 psi / 210 MPa	
Max. external pressure	31,500 psi / 217 MPa	
Max. differential pressure	15,000 psi / 103 MPa	
Temperature	350°F / 177°C (Std.)	400°F / 204°C (Prem.)
Approximate length	6 ft / 1.8 m	
Tensile rating	350,000 lbf / 155,680 daN	
Torque strength	10,000 ft-lbs / 13,550 N m	
Connections (box x pin)	3-1/2" IF or 3-1/2" PH6 available	
Rupture disk accuracy	+/- 2.5%	
Service	H2S (NACE MR-01-75), CO2, acid	