

PRODUCT PORTFOLIO

ACTS CASED HOLE CEMENTED SHIFTABLE VALVE SYSTEM

ACTS CEMENTED SHIFTABLE VALVE



**ADVANCED COMPLETIONS
Technology Services Ltd.**

Quality Engineered Solutions Creating Value for You

ACTS Cemented Shiftable Valve is a mechanical actuated full bore fracturing valve designed to stimulate multiple intervals in a well bore. With coiled tubing being the primary conveyance method, the valves are mechanically shifted open using ACTS Cemented Shiftable Valve Actuating Tool. Once opened, high flow circumferential ports permit continuous communication to the reservoir for high pressure stimulation operations and production. Any number or combination of valves can also be closed using the same actuating tool to prevent unnecessary reservoir inflow. If there is a need to restimulate specific intervals after valves have been closed, they can be reopened creating flexibility for pumping operations. The valve's internal components have been specifically designed to function reliably after cased hole cementing operations eliminating any concerns of valve lock-up. To ensure reliable sealing performance in severe wellbore environments after multiple shift open and close cycles, the valve incorporates durable non-elastomeric seal stacks.

Features & Benefits

- Internal design features ensure valve cannot be inadvertently opened by fluid displacement plugs during cementing operations
- Valve can be opened, closed, or reopened promoting flexibility for fracturing or production operations
- Minimal shifting force required for operation to permit coiled tubing actuation in deep horizontal wells
- Detent lock mechanism ensures valve maintains desired open or closed position
- Valve available in permanent locked open, single v-seal stack and double v-seal stack configurations for various operating requirements
- Valve port area is larger than liner flow area to prevent stimulation screenouts at the valve
- Field proven ACTS Cemented Shiftable Valve Actuating Tool ensures reliable valve shift open or close operation

Specification Table			
Size	Weight	OD	ID
mm	kg/m	mm	mm
in	lb/ft	in	in
114.3	17.26/20.09	145.3	100.0
4-1/2	11.6/13.5	5.720	3.938
114.3	22.47	145.3	96.06
4-1/2	15.1	5.720	3.782
139.7	23.07/25.30	176.3	124.3
5-1/2	15.5/17	6.940	4.892
139.7	29.76/34.23	187.3	119.4
5-1/2	20/23	7.375	4.700

