

Sliding Side Door (SSD)

Open/Close Sliding Sleeve

SSD enabling selective flow for production and injection applications.

TAQA's SSD enables selective flow in production and injection directions. The SSD can be combined with TAQA's inflow technologies to provide inflow control when in the open position.

Run in conjunction with TAQA's Swellable Packers, the SSD provides the ability to compartmentalise sections of the open hole to promote an even flow performance. The SSD can be deployed in an open or closed position and can be selectively and optionally manipulated to open or close.

The SSD can be designed as a shrouded option, providing a debris barrier to control sands of 800 microns and larger typically run in carbonate reservoirs. It can also be run with a sand screen from the FloElite, FloUltra or FloDirect range for sandstone reservoirs.

TAQA's designs include a viton rubber sealing system, and a non-elastomeric sealing solution. Both are incorporated on to a 'B' profile sliding sleeve arrangement, ensuring full pressure integrity at all times following multiple shifting actions.

Features

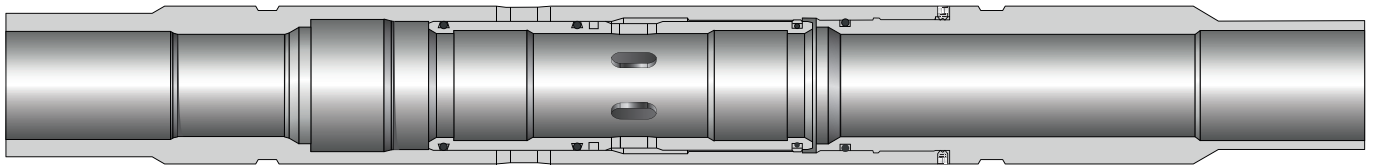
- Can be designed to incorporate FloRight and FloSure inflow control devices
- Can be run with TAQA's FloElite, FloUltra & FloDirect sand screen portfolio or with a debris barrier as part of the FloShroud range
- Options for elastomeric and non-elastomer sealing system
- Standard Otis B profiles to allow for selective open/close

Benefits

- Selective inflow and outflow
- Can be used in sandstone or carbonate reservoirs
- FloSure SSD provides the flexibility to interchange between production (AICD) and injection (FloCheck) valves
- Screen and inflow can be sized accordingly for application

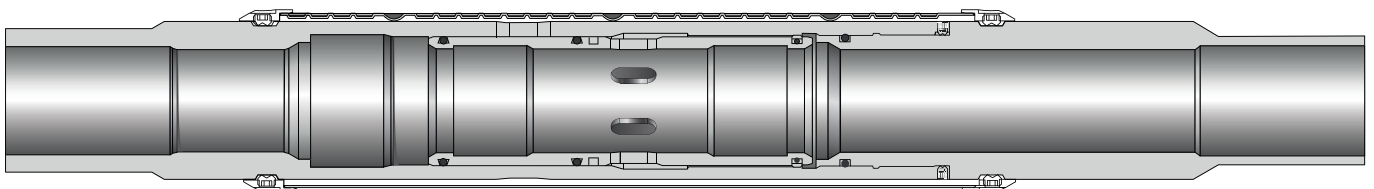
FloMax SSD

SSD with standard ports, no inflow or sand control.



FloMax Shroud SSD

SSD with standard ports utilizing TAQA's debris barrier.

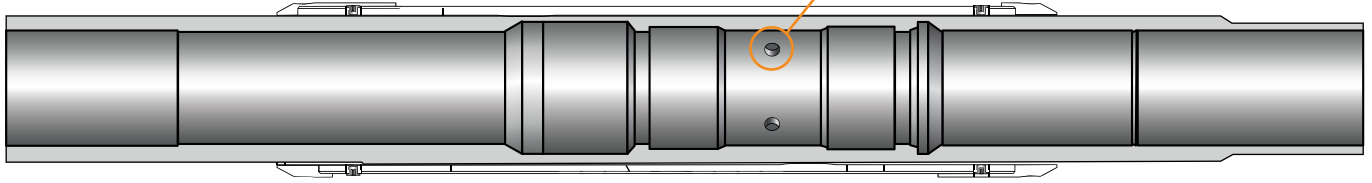


FloRight Shroud SSD

Incorporates TAQA's FloRight ICD technology under a debris barrier.

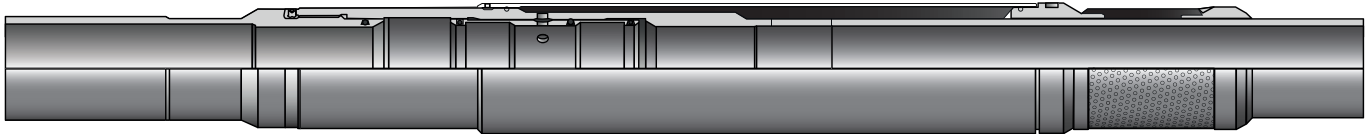


TAQA's FloRight Inflow Control Device (ICD) is a passive ICD designed to promote uniform production or injection from the entire length of a horizontal well.



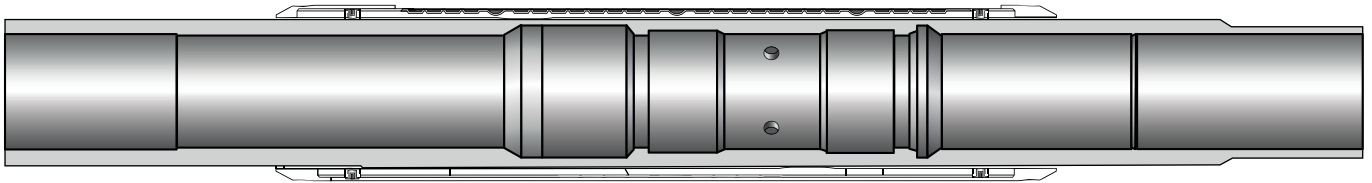
FloRight (Ultra/Elite/Direct) SSD

Incorporates TAQA's FloRight ICD technology with a sand screen sized for application, this can be from the FloElite, FloUltra or FloDirect range.



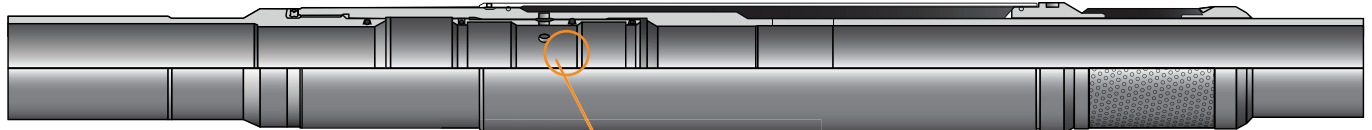
FloSure Shroud SSD

Incorporates TAQA's FloSure technology under a debris barrier.



FloSure (Ultra/Elite/Direct) SSD

Incorporates TAQA's FloSure technology with a sand screen sized for application, this can be from the FloElite, FloUltra or FloDirect range.



All FloSure SSD's can incorporate a FloSure Autonomous Inflow Control Device (AICD) or FloCheck Injection valves.

FloSure AICDs work autonomously to reduce gas-oil ratio and delay early water breakthrough to increase oil production.

FloCheck Injection valves are designed for treatment of the completion annulus and near wellbore.

Technical Specifications

Sizes	2-3/8" – 5-1/2"
Shifting profile	Otis B
Min ID	As per Otis B shifting profile
Length	Customised as per required specifications
OD	Varying based on inflow and screen selection
Seal type	Elastomeric or non-elastomeric
Inflow options	None, FloRight ICD, FloSureAICD and FloCheck injection valve