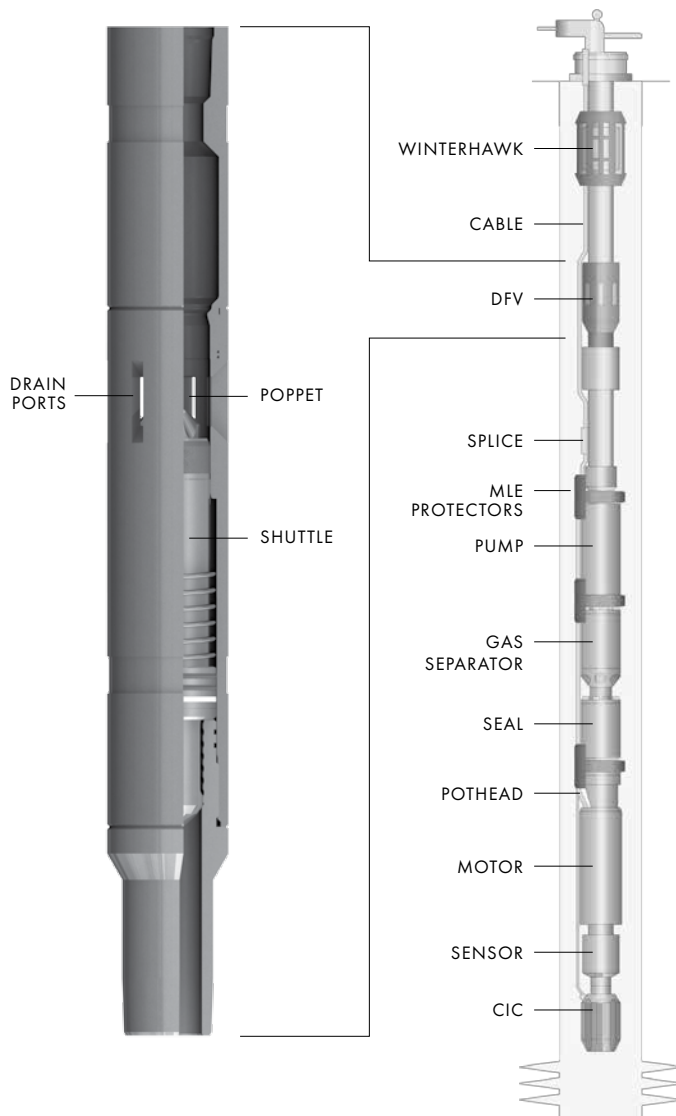


DFV

FLOW REGULATED DRAIN AND FILL VALVE



The ESPCT Flow regulated drain and fill valve (DFV) is a tubing mounted downhole tool and it is typically installed in wells requiring drainage of the production tubing upon shut off of the ESP system below it.

Applications

- Wells with natural flow
- Combined ESP and gas lift systems
- Abrasive Production environments
- Highly corrosive fluids production
- Batch chemical treatments for scaling, corrosion or emulsion via pressure injection through the production tubing

Benefits

- Improves ESP reliability by reducing debris, scale or solids during deposition on top of the ESP pump after a shutdown
- Enables Increased production from natural flow or gas lift through the DFV

Features

- Fully automatic bypass operation without the need of control lines or shifting tools
- Automatically sealing diverter
- Special metallurgies as required by the customer application
- Availability of different tubing thread size and type
- Availability of different O.D. for larger tubular applications
- Minimum pressure to activate: 50 psi

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