Bleed Off Retainer Valve

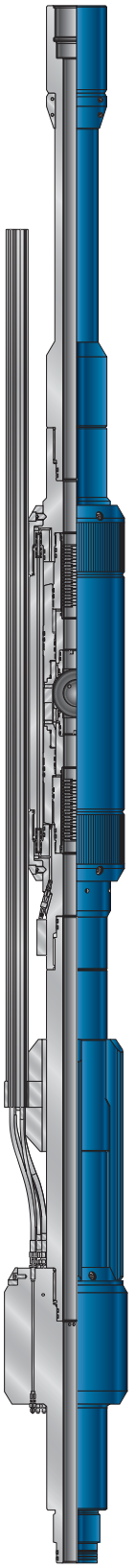
Description

The Bleed Off Retainer Valve incorporates our patent pending Dual Seal riser ball valve technology. This feature provides twice the sealing capability of competing retainer valve systems. When the valve is in the closed position, the upper valve seat provides the primary seal, and should this fail, the ball forms a seal against the lower valve seat, providing a redundant sealing barrier. When the valve is in the open position both upper and lower seats still seal against the open ball, preventing fluids and pressure from entering the valve cavity around the ball. An external test port is provided to allow testing of both the upper and lower seat function prior to deploying the valve.

The DS Bleed Off Retainer Valve is a pump open / closed design valve and is hydraulically operated from surface.

The Bleed Off Valve operates once the Retainer Valve has closed, and bleeds off trapped well bore pressure between the Retainer Valve and the SST MODUtree® valves to the annulus prior to disconnecting the MODUtree® Hydraulic Latch. Internal valves provide automatic sequencing of the system which can be overridden by pressurizing the closure system.

The Bleed Off Retainer Valve also provides the termination point of the LSA umbilical and includes an umbilical anchor and protector to ensure loads are not transmited to the hose connectors and to prevent damage during tripping of the LSA.



Operating Specification

MIN ID	3.06 in.
MAX OD	16.5 in.
WORKING PRESSURE	15,000 psi
TEST PRESSURE	22,500 psi
TENSILE RATING	675,000 lbs.
SERVICE	H2S & CO2
TEMPERATURE RATING	-20˚F to 350˚F

The SST Bleed Off Retainer Valve is designed and certified to ISO 13628-7, API 6A, DNV OS-E101, NACE MR 01-75 and is qualification tested to API 14A class 3S.