

BOP Fail Safe Valve (FSV)



Description

The BOP Fail Safe Valve (FSV) is used as part of the landing string for well testing and intervention services. The valve is installed directly into the test string and positioned in the BOPs to provide an emergency shut in device.

The FSV is a hydraulically operated fail “closed” ball valve used to provide bi-directional pressure isolation in the testing string. It is used to isolate and control well pressures from below at a point safely below the rotary table. The closed valve can be pumped through at any time during well control operations.

The valve ball is capable of cutting wireline or 1.5 in. diameter coil tubing.

FSV control is provided by a stand alone or integrated control system via a direct connect hydraulic hose bundle. In addition chemical injection points and pressure bleed/relief systems can be incorporated into the valve assembly(s).

Operating Specification

NOMINAL TOOL SIZE	OD	13.00 in
	ID	3.00 in
	Length	6.00 ft. Valve only _ . _ ft. with Landing joint
THREAD CONNECTIONS	5-4 Stub Acme Box and Box	
TEMPERATURE RATING	Standard	350° F
PRESSURE RATING	W.P.	15,000 psi
TENSILE RATING	660,000 lbs. @ PSI differential	
OPERATING DEPTH	Max. 500 ft.	
SERVICE	H2S, COS, Acid	

Design per API 6A and 14A by Bureau Vertias

