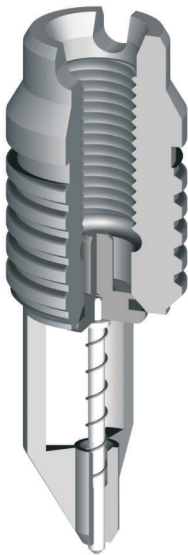




Backpressure Valve, Valve Removal Plugs, and Carrier Seals

Weatherford's WFT-series backpressure valves (BPV), valve removal (VR) plugs, and carrier seals are used with all Weatherford conventional wellhead equipment to help reduce downtime and operating costs. All wellhead equipment and accessories are designed and manufactured for optimal performance, reliability and value.



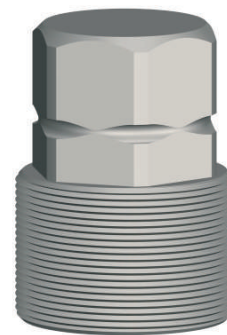
Type H BPV



Two-Way Check

The **WFT Type H BPV** is a one-way valve that seals tubing pressure up to 20,000 psi (137.9 MPa) while blowout preventers (BOPs) are removed and the tree is installed. The valve allows circulation of fluid down the tubing and prevents backflow. The Type H BPV can be used to temporarily isolate the tree from well pressure and make repairs without killing the well; it is also available in a two-way check design and BPV original equipment manufacturer profiles.

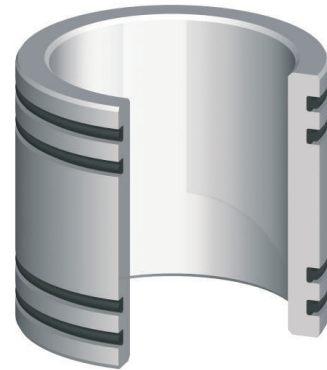
WFT VR plugs are installed in the studded and flanged outlets on WFT casing heads, casing spools, and tubing spools. VR plugs provide pressure isolation for removal, installation or repair of gate valves. The lubricator mounted on the gate valve outlet flange holds the pressure while the valve is opened and the VR plug is installed.





Backpressure Valve, Valve Removal Plugs, and Carrier Seals

WFT-GT carrier assemblies are used mainly for tubing run seals with close center requirements. Double-seal isolation of the producing fluid provides an extra margin of protection and is a standard feature. The seal is achieved by use of a T-shaped high-pressure resilient material along with a transition carrier between the tubing hanger and the bonnet assembly. The assemblies are made of stainless steel for longer life and greater reliability.



WFT-DA carrier assemblies are used to form a metal-to-metal seal at the connection between the tubing hanger and the bonnet assembly. They can also be used in other applications like valve T connections and double barrier (carrier and gasket) flanges. The regular assembly seals the connection between components of a multistring tree. Assemblies are made of stainless steel in lengths for use with standard API ring-joint seal gaskets and RX API ring-joint gaskets.

