



Weatherford®

Flapper Check Valve

The Weatherford BDK® Flapper Check Valve uses a cartridge insert to provide a unique and cost effective solution to both Fluid Injection and Fluid Loss applications.

This innovative design achieves this dual purpose by utilising a self-contained cartridge that can be rotated through 180° to provide a Fluid Injection or Fluid Loss application as required.

Features

- Elastomer for flapper is embedded in a dovetail retaining profile
- Floating seat, ensures pressure tight sealing across seal face
- Minimal pressure drop
- Flapper cage design ensures retention of the flapper should the hinge pin fail. In the unlikely event of hinge pin failure the retained flapper will generate a back pressure, producing a positive indication at surface.

Benefits

- High & Low pressure sealing
- Redress is simply a matter of replacing the Flapper Insert Cartridge.

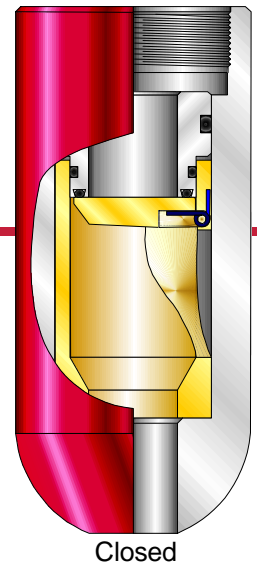
Applications

- Water injection valve
- Fluid loss prevention
- Non-Return valve for under balanced drilling

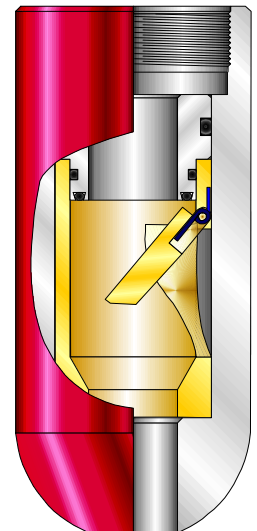
Specification Guide

Nominal Lock Size	Lock Class	Minimum Bore ID	Thread Connection	Material		Assembly Number
				Metallic	Elastomer	
2.750"	Uniset	1.125"	2.75" 10K POP	17/4 PH	Viton	T.B.C
3.310"	Uniset	1.310"	3.31" 10K POP	17/4 PH	Viton	T.B.C
3.810"	Uniset	T.B.C	4" 10K POP	17/4 PH	Viton	T.B.C
2.313"	Standard	0.937"	1-3/4"-12	17/4 PH	Nitrile	T.B.C
2.750"	Standard	1.125"	2-1/4"-SLB	17/4 PH	Nitrile	T.B.C
2.875"	Standard	1.125"	2-1/4"-SLB	17/4 PH	Nitrile	T.B.C
3.813"	Standard	T.B.C	3-1/16"-SLB	17/4 PH	Nitrile	T.B.C

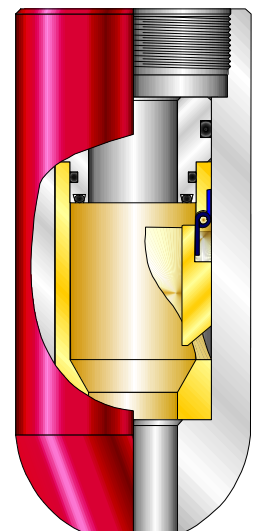
Concept design sizes may vary at final design stage.
Other threads & materials available on request.



Closed



Half-Open



Open