

## Overview

The Dual Flapper Check Valve provides a means of adding a uni-directional barrier to a bottom hole assembly. The flappers provide a pressure tight barrier in one direction but enables flow in the opposite direction.

The Dual Flapper Check Valve consists of a three-piece housing assembly which contains two removable flapper cartridges. The flapper cartridges are spring loaded in the closed position and are designed to open fully to give a large, uninterrupted bore through the tool. Each check valve housing sub contains two flapper cartridges for 100% back up.

## Key Features & Benefits

- Easily redressed with o-rings and orientation of the flappers can typically be reversed depending on operational requirements.
- The connections on the subs are manufactured to suit BHA requirements.



Technical Data			
Assembly Number	18-01-DF-168-A0	18-01-DF-212-A0	18-01-DF-287-A1
OD	1-11/16"	2-1/8"	2-7/8"
Make Up Length	12-1/4"	14-1/8"	12-3/16"
Pressure Rating	5000 PSI	5000 PSI	5000 PSI
Standard Connection	1" AMMT	1-1/2" AMMT	2-3/8" PAC
Service	STD	STD	STD

See next page for parts list.

Parts List - Dual Flapper Check Valve			
Assembly Number	18-01-DF-168-A0	18-01-DF-212-A0	18-01-DF-287-A1
Part Name			
Top Sub	18-01-DF-168-07	18-01-DF-212-05	18-01-DF-287-08
Bottom Sub	18-01-DF-168-09	18-01-DF-212-07	18-01-DF-287-10
Main Body	18-01-DF-168-08	18-01-DF-212-06	18-01-DF-287-09
Flapper	18-01-DF-168-04	18-01-DF-212-04	18-01-DF-287-04
Pin	18-01-DF-168-05	18-01-DF-168-05	18-01-DF-287-05
Spring	18-01-DF-168-06	18-01-DF-168-06	18-01-DF-287-06
Cartridge Housing	18-01-DF-168-03	18-01-DF-212-03	18-01-DF-287-03
Flapper Seat	18-01-DF-168-01	18-01-DF-212-01	18-01-DF-287-01
Flapper Seat Seal	18-01-DF-168-02	18-01-DF-212-02	18-01-DF-287-02
Cartridge Assembly	18-01-DF-168-S0	18-01-DF-212-S0	18-01-DF-287-S0
Complete Seal Kit			
Complete Redress Kit			
O-Ring	022	025	141
O-Ring	122	128	222
O-Ring	124	129	227
O-Ring	X	218	X

**Please Note:** Complete seal kit consists of O-Rings and Flapper Seat Seals.

Speak with a Brace Tool sales representative to explore the different configurations available on this tool and discover how we can match your requirements.