

Twin Flapper Check Valve

Integral Type



10,000 PSI RATED
ULTRA RELIABLE DESIGN
DTI INTEGRAL FLAPPER DESIGN

Description

The DTI Coiled Tubing Twin Flapper Check Valve provides a dual barrier within the coiled tubing tool string as safety critical protection against fluid back flow. It is robust, reliable, easy to redress and rated to 10,000PSI.

The flappers are mounted integrally into the body of the tool to maximise flow area whilst providing a simple efficient and cost effective method of forming a well barrier.

The flappers have metal seating with no elastomers present and are capable of sealing at very high pressures and temperatures.

Deployment and Operation

- All DTI's TFCV's can be specified with a range of connections or metallurgy for a variety of applications.
- TFCV assemblies can be supplied in alternative metallurgy or coatings for extreme environments.

Features & Benefits

- Dual Barrier through two flapper valves.
- Metal-to metal sealing on flapper against housing.
- All Twin Flapper Check Valve Integral's are rated to 10,000 psi and 200 C.

Part Number	OD	ID	Will Pass Ball	Length (M/U)	Tensile Rating	Threads
Twin Flapper Check Valves						
TFCVI100AC31	1.000"	0.39"	0.375"	6.0"	25,000 lbs	0.80-12 SA
TFCVI150AC08	1.500"	0.50"	0.431"	8.5"	35,000 lbs	1.00 AMMT
TFCVI169AC08	1.688"	0.75"	0.625"	11.5"	75,000 lbs	1.00 AMMT
TFCV212AC09	2.125"	1.00"	1.000"	12.0"	90,000 lbs	1.50 AMMT
TFCV288AC23	2.875"	1.44"	1.375"	12.0"	120,000 lbs	2.38 PAC

DTI has one of the largest ranges of Twin Flapper Check Valves available on the market. The table above is our core products only.

We offer optional equipment, alternative sizes, pressure ratings, materials and thread connections. **Please contact us for more information.**

