

Three Way Circulation Valve



RELIABLE SWITCH OF CIRCULATION

DROP BALL REQUIRED

ENABLES HIGH FLOW RATE CIRCULATION

Description

The DTI Three Way Circulation Valve is designed to enable the switching of flow between through the tool string and the high flow rate circulation and the annulus by dropping a ball into the coiled tubing.

Initially all flow is through the valve into the tool string. Dropping a ball diverts all flow to the annulus and enables high flow rates circulation with out activating any flow activated tools. A second drop ball reverts all flow back to the tool string.

The Three Way Circulation Valve is commonly used for SSD shifting and circulating operations. A tool string including this Circulation Valve and DTI's Hydraulic Selective Shifting Tool can be used to open the SSD, pump high rate acid without circulating through the shifting tool, then close the SSD.

Deployment and Operation

- Initially all flow is to the tool string.
- Circulating pressure is then increased to generate the back pressure to burst all four burst discs and allow high flow rate circulation into the annulus.
- Dropping a second ball then diverts all flow back to the tool string.

Features & Benefits

- Alternate circulation to a manipulation tool, to the well, and then back to the manipulation tool.
- Reduce number of CT trips to complete manipulation and circulation operations.
- Activation pressures are fully adjustable.
- Large flow area during circulation to the annulus.
- Available in multiple sizes and material specifications.

Part Number	OD	ID	Length (M/U)	Threads
CVT262AC09	2.625"	0.44"	17.5"	1.50 AMMT
CVT288AC23	2.875"	0.56"	17.6"	2.38 PAC

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

