

Drop Ball Circulation Valve (Normally Open)



PREVENTS ACCIDENTAL ACTIVATION OF TOOLS

DROP BALL REQUIRED

NORMALLY CIRCULATES TO ANNULUS

Description

The DTI Normally Open Circulation Valve allows the circulation of fluid from the CT tool string to the annulus under normal operating conditions. By dropping a ball, this circulation path is closed off and fluid is diverted through the tool string. This valve is useful when you want to prevent the accidental activation of tools in the tool string.

The DTI Circulation Valve comprises a series of ports isolated by a pressure-balanced shear sleeve which is held in position via captured shear screws.

Circulation to the tool string is achieved by the deployment of a suitable drop ball pumped through the coiled tubing.

The DTI Circulation valve piston activation pressure can be pre-determined at surface through the selection of shear pins (refer to technical data), offering a wide shear range and ease of redress.

Deployment and Operation

- Initially all flow is to the annulus.
- Dropping a ball diverts flow to bore and through the tool string

Features & Benefits

- Simple drop ball design to activate.
- Pressure balanced shear piston.
- Compact body construction.

Part Number	OD	ID	Drop Ball	Length (M/U)	Threads
CVO212AC09-1	2.125"	0.406"	7/16"	13.3"	1.50 AMMT
CVO288AC23	2.875"	0.875"	1"	17.4"	2.38 PAC

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

