

DESCRIPTION

The Multi-Cycle Circulating Valve (MCCV) is a differential pressure operated Circulating Valve which offers unlimited open and closed cycles. Shear pins hold the tool in the closed position during the run-in-hole. Once on depth, applied pressure shears the pins, allowing the tool to cycle through forward circulating, reverse circulating and closed positions.

APPLICATIONS

- Drill stem testing
- Acid and injection operations
- Fluid cushion displacement
- Reversing out recovered fluids

FEATURES

- Unlimited opening and closing cycles
- Shear pins and indexing mechanism prevent inadvertent operation
- Independent forward and reverse flow positions

SPECIFICATIONS

	3020AA	3020AS
O.D. in [mm]	5.0 [127]	3.125 [79]
I.D. in [mm]	2.25 [57]	1.125 [29]
LENGTH in [m]	93 [2.4]	129 [3.27]
WEIGHT lb [kg]	364 [165]	187 [85]
MAX TEMPERATURE degF [degC]	350 [177]	350 [177]
TYPICAL OPERATING DIFFERENTIAL psi [kPa]	500 [3,447]	500 [3,447]
PRESSURE DIFFERENTIAL (annulus/tubing) psi [kPa]	15,000 [103,421]	15,000 [103,421]
TENSILE STRENGTH lbf [kN]	634,000 [2,820]	120,000 [534]
CONNECTIONS	API or Premium Available	API or Premium Available
SERVICE	Sour service above 175 degF per NACE MR 0175:2003	Sour service above 175 degF per NACE MR 0175:2003

