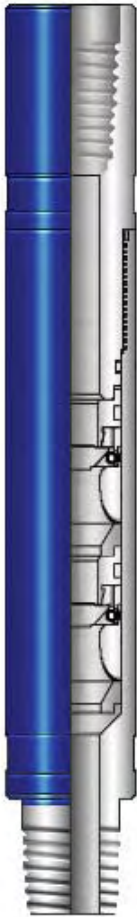


Dual Flapper Valve - TT0750



Description

The Dual Flapper Valve is run in the tubing string as a safety mechanism to prevent fluid flow back up the tubing. This is especially important when running coiled tubing in live wells or where a hole in the tubing at surface would allow the well to flow uncontrolled. The Dual Flapper Valve is a flapper type back pressure valve that allows flow down the tubing, but stops flow coming back up the tubing. The Dual Flapper Back Pressure Valve has two flappers and flapper seals. The second flapper is redundant to the first and is run where redundant seals are required. The flappers are designed so that a ball can be pumped through them at minimum fluid flow rate.

Operation

The Dual Flapper Valve is normally ran directly below the CT Connector in CT operations, and at the top of the bottom hole assembly (BHA) in snubbing operations. No tubing manipulation or pressurization sequence is required to operate the tool. The presence of the Dual Flapper Valve must be taken into consideration during some downhole operations because the flapper will not allow pressure in the coiled tubing below the back pressure valve to be bled off at surface.

Part Number	OD		ID		Length		Maximum Tensile Load		Maximum Torsional Yield	
	in.	mm	in.	mm	in.	cm	lbf	daN	ft-lbf	N-m
TT0750-125A	1.250	31.8	0.510	13.0	9.120	23.2	29,650	13,188	400	542
TT0750-150A	1.500	38.1	0.510	13.0	9.120	23.2	86,300	38,386	600	814
TT0750-169A	1.688	42.9	0.688	17.5	12.500	31.8	29,200	12,988	610	827
TT0750-175A	1.750	44.5	0.688	17.5	12.500	31.8	37,900	16,858	800	1,085
TT0750-181A	1.813	46.1	0.688	17.5	12.500	31.8	47,200	20,995	1,010	1,370
TT0750-213A	2.125	54.0	0.688	17.5	14.000	35.6	57,800	25,709	1,490	2,020
TT0750-225A	2.250	57.2	0.688	17.5	14.000	35.6	77,400	34,428	2,110	2,861
TT0750-288A	2.875	73.0	1.000	25.4	16.900	42.9	104,000	46,259	4,110	5,573
TT0750-313A	3.125	79.4	1.000	25.4	17.500	44.5	116,000	51,597	5,670	7,689