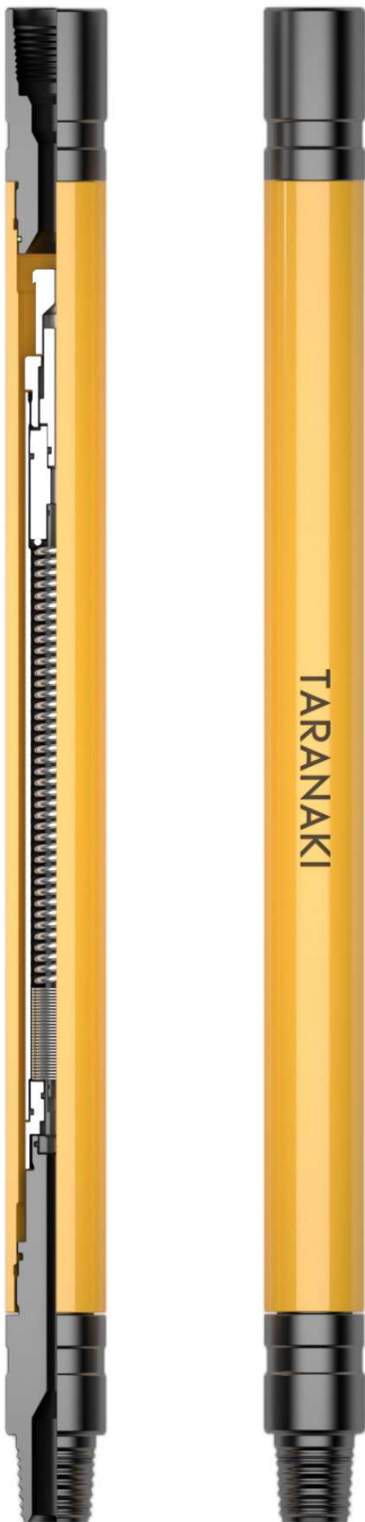


BACK PRESSURE VALVE



TOOL APPLICATIONS

The Back-Pressure Valve is designed to hold and maintain a hydrostatic head within the Coiled Tubing (CT) or jointed pipe.

The pressure differential required to open the valve is set/adjusted on surface prior to RIH using the parameters determined by the well conditions and operational requirements.

The valve is activated once the internal CT pressure exceeds the pre-determined pressure differential. Flow is then directed through the centre of the BHA.

Once the differential pressure is reduced below the predetermined setting pressure, the valve returns to the closed position preventing reverse flow or loss of fluid from the CT/Jointed pipe.

FEATURES AND BENEFITS

- Opening pressure fully adjustable without disassembling tool
- Spring loaded valve seat to prevent tool wear
- Can be configured to open to tools below, to the annulus, or both
- Various insert orifice available to govern pressure drop after opening
- Simple, robust design ensuring ease of operation for the end user
- Hexagonal flats for safe make-up & break out
- Connections to suit customer requirements

SPECIFICATIONS

Technical Variable		Units	Size		
			1 1/16"	2 1/8"	2 7/8"
Max OD		in	1.687	2.125	2.875
Min ID		in	0.375	0.500	0.688
Connection	Top	Box	1" AMMT	1 1/2" AMMT	2 3/8" PAC DSI
	Bottom	Pin	1" AMMT	1 1/2" AMMT	2 3/8" PAC DSI
Make Up Length		in	17.36	17.07	18.88
Activation Pressure		psi	0-4,000	0 - 4,000	0 - 4,700
Working Pressure		psi	10,000	10,000	10,000
Strength	SWL	lbs	31,639	68,380	99,630
	Yield	lbs	35,154	75,980	110,700
	UTS	lbs	43,942	94,970	138,374
	Torsional	ft.lbs	400	1,038	2,146
Make Up Torque		ft.lbs	500	900	3,250

Size	Qty	Flow Nozzles
1 1/16"	4	0.125, 0.156", 0.187" and 0.218"
2 1/8"	4	0.125, 0.156", 0.187" and 0.218"
2 7/8"	4	0.125, 0.156", 0.187", 0.218" and 0.312"