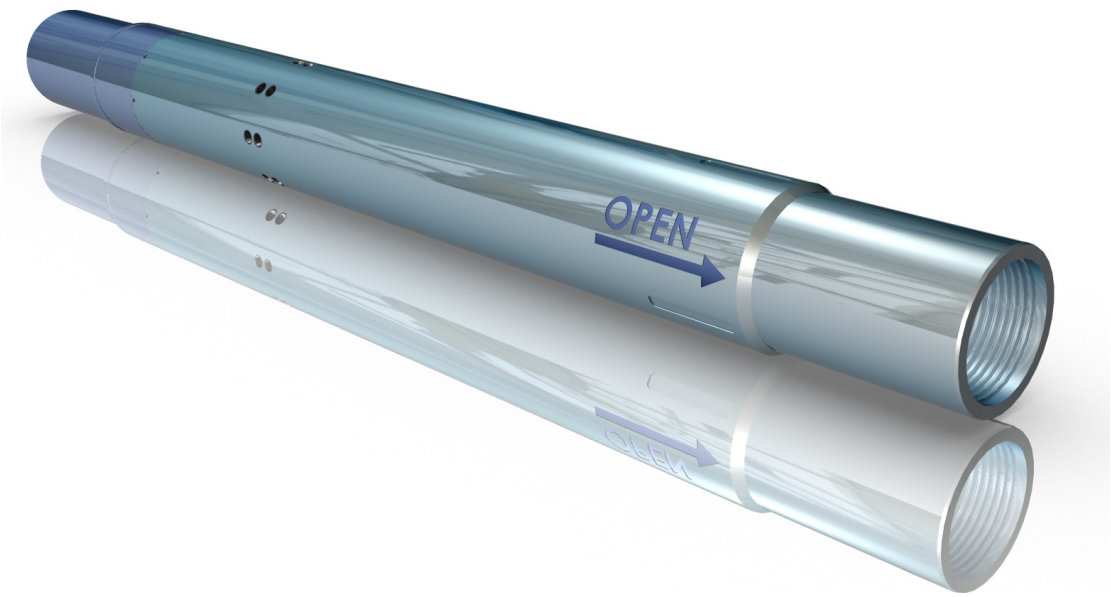
i-BV

well solutions

i-BV is a cost efficient **ISO 14310 V3** qualified valve, suitable for completions such as cementing, production/injection and acid/prop-frac stimulation applications. The unique design prevents the flow from passing through the inner sleeve to avoid scaling and debris issues for superior reliability.
The i-BV (Basic Valve) is made with slotted flow ports for high flow capacity. It has an Otis type profile for manipulation, perfectly matching the i-Shift open-close tool. It can also be supplied with ball drop activation.



Features

- ✓ No flow through inner sleeve
- ✓ Large flow ports
- ✓ Non-elastomeric seal system
- ✓ Dual seal system including offloading seal
- ✓ Designed for mild well conditions
- ✓ Optional ball drop activation

Benefits

- Eliminates debris which can result in jamming
- High flow capacity
- Valve can be manipulated at high differential pressure without jeopardising seal performance
- Cost optimised
- Eliminates intervention

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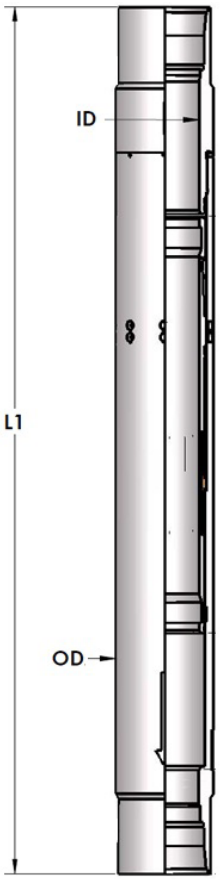
Applications

- Production
- Injection
- Acidising/Stimulation
- Circulation
- Cementing



Technical Data

i-BV Size	O.D.	I.D.	Tensile	Burst Pressure*	Collapse Pressure*	Max Temp
350	4.500″	2.960″	285 000 lbs	10 500 Psi	10 000 Psi	177°C/350°F
450A	5.250″	3.750″	347 000 lbs	8 000 Psi	5 600 Psi	177°C/350°F
450B	5.500″	3.688″	540 000 lbs	9 800 Psi	8 700 Psi	177°C/350°F
550	6.500″	4.562″	650 000 lbs	8 000 Psi	5 000 Psi	177°C/350°F
700	8.100″	5.950″	670 000 lbs	8 500 Psi	6 400 Psi	177°C/350°F

* All ratings are calculated with a 1,3 safety factor with 110 Ksi yield strength material

Threads and material according to customer specification

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