

Tubing Drain Valve

(Internal Pressure Shear)

The UMS Flowell Tubing Drain Valve (Bleeder Valve) with internal pressure shear is a simple way to prevent pulling a wet string on pump completions with a check valve, or pump strings that are blocked with sand and debris.

Pressure is applied to the tubing on surface, at the pre-determined pressure the piston is actuated and shears the screws to open communication with the annulus, allowing the tubing string to drain.





Tubing Drain Valve



Features & Benefits

- Compact design
- Field settable to desired shear pressure
- Reliable and simple
- Full bore to match tubing
- Available in 2-7/8" to 4-1/2" sizes
- Available in any customer specified thread connection

Specifications

- See table for pressure settings
- Up to 400°F



Tubing Drain Valve

Part Number	Tubing Size	OD (in)	Maximum Pressure Setting	Pressure Per Shear Screw
BV-2875-01	2.875"	3.88	7,680 psi	640 psi
BV-3500-01	3.500"	4.50	6,000 psi	500 psi
BV-4500-01	4.500"	5.62	5,040 psi	420 psi

