

3.50" Valve

Application

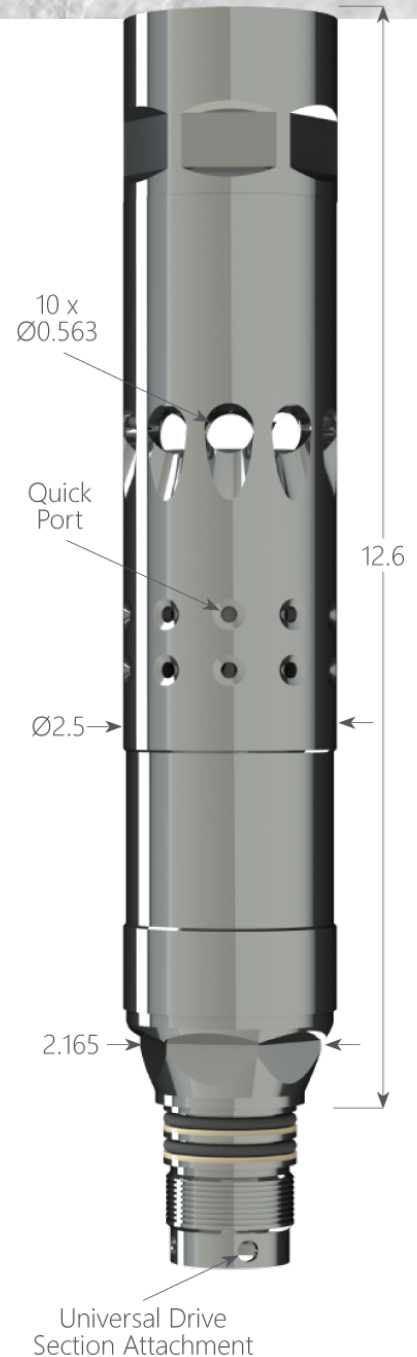
DataCan's shut in tool allows the well-bore to be shut in downhole rather than at surface. The process of shutting in a well downhole eliminates the "well bore storage effects". Well bore storage effects are the result of long lengths of production tubing that need to be pressurized before the buildup can be recorded. DataCan's 3.50" Valve is 2.50" in diameter with a 2.50 square inch flow area and can be used in 3-1/2" or larger tubing. DataCan's patented instant close valve design has multiple cycle capability and can operate at temperatures up to 150°C. The 3.50" Valve is very durable and can withstand the most physical of downhole conditions.

Features

- Instant Close Time
- Multiple Cycle Capability
- Metal to Metal Seals
- Eliminates Wellbore Storage Effect
- Modular Design

Benefits

DataCan's downhole shut in tool allows for a quicker well build up and better pressure data quality. This saves operators money on down time, and gives reservoir engineers better data for their calculations.



2.5" Quick Shut In Tool Production Valve

| Assembly Type | Material | Part No. |
|---------------|-------------|----------|
| Sour Version | Inconel 718 | 100219 |

Accessories

| Accessory Type | Part No. |
|-------------------------|----------|
| Pelican Case Assembly | 100193 |
| Redress Kit Viton 90 | 100223 |
| Redress Kit Aflas 7182B | 100224 |
| Redress Kit Chemraz 510 | 100225 |

3.50" Valve

| Specifications | |
|---------------------------|--|
| Closing Time | Instantaneous |
| Valve Flow Area | 2.5 in ² (16.1 cm ²) |
| Lock Mandrel Flow Area | 2.40 in ² (15.5 cm ²) |
| Max External Pressure | 16,000 psi (1,100 bar) |
| Max Differential Pressure | 10,000 psi (700 bar) |
| Max Temperature | 350°F (177°C) |
| Power Source | 3 "D" Cell Battery Pack (11.0 V, 10.0 Ahr) |
| Communication Method | USB |