2.375" 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.

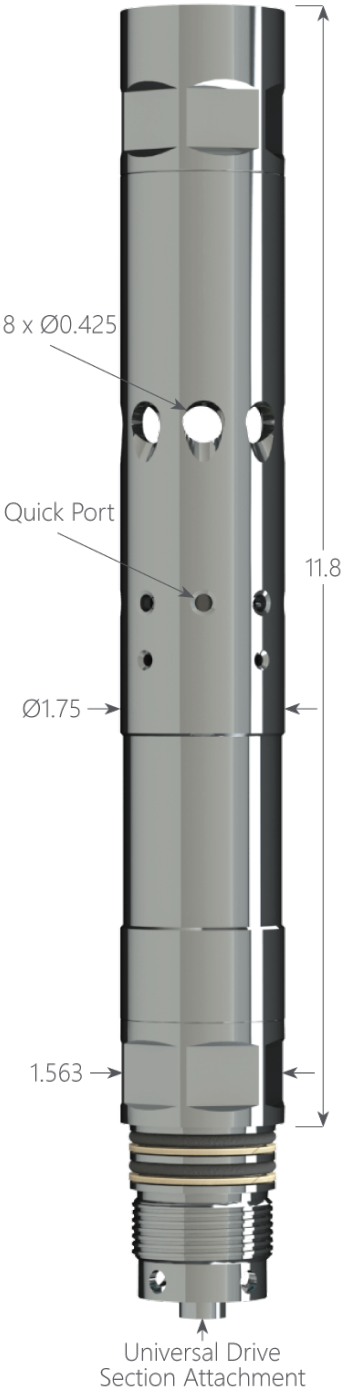
Benefits

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.

DataCan's 2.375" Valve is 1.75" in diameter with a 1.135 square inch flow area and can be used in either 2-3/8" and 2-7/8" tubing. DataCan's patented quick close valve design has multiple cycle capability and can operate at temperatures up to 177°C. The 2.375" Valve is very durable and can withstand the harshest downhole conditions.

Features

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



2.375" Quick Shut In Tool Production Valve

Assembly Type	Material	Part No.
Sour Version	Inconel 718	100126

Accessories

Accessory Type	Part No.
Pelican Case Assembly	100193
Redress Kit Aflas 7182B	100191
Tool Kit	104253
1-9/16" Open End Wrench	100880
USB Communication Cable	101007
12V AC/DC Power Supply	101487
Battery Tester	100887

Compatible Batteries

Size	Max Temp	Part No.
3 x D	150°C	103586
	165°C	103587
	180°C	103588

Specifications

Tool OD	1.75" OD (44.5 mm)
Closing Time	<1 minute
Valve Flow Area	1.135 in^2 (7.3 cm^2)
Lock Mandrel Flow Area	1.00 in^2 (6.5 cm^2)
Max External Pressure	15,000 psi (1,000 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