




## Select wireless isolation valve

Real-time zonal selective flow enabling single-trip multizone testing

-  Six cycles
-  **Differential pressure:**  
Up to 15,000 psi [103 MPa]
-  Confirmed zonal selective flow

### Applications

- Single-trip multizone testing
- Downhole reservoir testing
- Land and offshore
- Exploration or appraisal testing
- Abandonment testing

### How it improves wells

Select wireless isolation valve seamlessly integrates in the Symphony\* live downhole reservoir testing toolstring to provide a confirmed solution for zonal selective flow. This capability makes multizone testing in a single testing trip a reality when it is operated below the packer. Other typical testing operations involving the Select valve are commingled flow and vertical interference testing. The Select valve can be used in abandonment testing to efficiently isolate the well without killing the well prior to pulling out the test string.

Select wireless isolation valve is available in either a ball valve or sliding sleeve circulating valve version. Based on field-proven technology and highly reliable performance, the Select isolation valve is immune to downhole pressures and temperature fluctuations.

### How it works

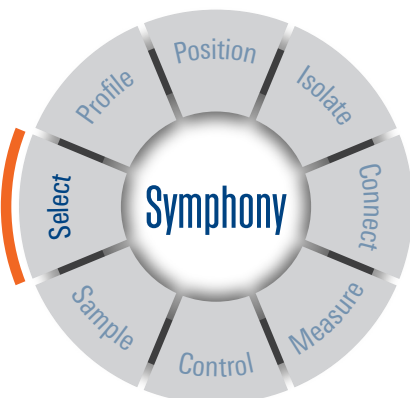
Unification of the Symphony testing toolstring by Muzic\* wireless telemetry provides two-way communication between surface and downhole. Measured positive feedback is sent to surface after each valve operation. Two Measure wireless quartz gauges can be installed in the Select isolation valve and ported to the annulus or the tubing.

Select Wireless Isolation Valve Specifications		
	Sliding Sleeve	Ball Valve
Service		H <sub>2</sub> S-NACE
Temperature, degF [degC]		330 [166] <sup>†</sup>
Pressure		
Differential, psi [MPa]		15,000 [103]
Max. absolute, psi [MPa]		21,000 [144]
Max. opening differential, psi [MPa]		
From outside	7,500 [52]	–
From below	–	7,500 [52]
Min. hydrostatic required, psi [MPa]		3,500 [24]
OD, <sup>‡</sup> in [mm]		5.25 [133.4]
ID, in [mm]		2.25 [57.2]
Flow area, in <sup>2</sup> [cm <sup>2</sup> ]	5 [32.2]	–
Tensile strength min. yield, lbf [kN]		250,000 [1,110]
Full operating cycles		6

API Spec 19TT V1 tested

<sup>†</sup>Specific maintenance service level needed for temperature rating above 300 degF [149 degC]

<sup>‡</sup>Telemetry hub section: 5.5 in [139.7 mm]



Sliding sleeve version of Select wireless isolation valve.