HST: Ball-Actuated Anti-Reversing Valve

Superior Completion Services’ Ball-Actuated Anti-Reversing Valve is designed to allow the conversion of a full open ID assembly to a one-way fluid check valve. The valve may be positioned anywhere in the work string during initial run-in. To convert to a check valve, a ball is dropped from surface and tubing pressure is applied. The ball moves into a check position with a positive seat above, preventing flowback up the tubing string. It is most commonly used in acidizing long sections to allow breaking connections with lighter fluid in the tubing.

APPLICATIONS

- Long-zone stimulation treatments
- Horizontal wells

Features and Benefits

- Positive ball seat with 5,000 psi (34.5 MPa) differential rating
- Adjustable initial shear pressure
- Prevents tubing flowback during treating operations
- Eliminates the need for balanced pressure conditions prior to breaking connection

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Available Size</td>
<td>6.1 in. OD x 2.74 in. ID (154.9 mm OD x 69.6 mm ID)</td>
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<tr>
<td>Differential Pressure Rating</td>
<td>10,000 psi (68.9 MPa)</td>
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<tr>
<td>Temperature Rating</td>
<td>300°F (148.9°C)</td>
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</tbody>
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REFERENCES

ComPlete™ HST System data sheets