MST: Multi-Profile Multi-Service Valve

Superior Completion Services’ Multi-Profile Multi-Service Valve is a modified version of the standard multi-service valve. This production sliding sleeve utilizes the same robust nonelastomeric seal system and patented equalizing system. The multi-profile valve version is available with five different shifting profiles, allowing selective actuation. Corresponding shifting tools are available for use with slickline, wireline, coiled tubing or standard tubing.

APPLICATIONS

• Multizone reservoirs
• Selective production and injection wells
• Zonal isolation

Features and Benefits

• Proven non-elastomeric sealing technology
• Five selective profiles available
• Patented seal equalizing system
• May be actuated with slickline, electric line, coiled tubing or standard tubing
• Provides selective access for production and injection control
• Facilitates multizone single-trip completions
• Provides positive bidirectional zone isolation
MST: Multi-Profile Multi-Service Valve

TECHNICAL DATA

Selective Profiles

Shallow

Position 1

1.875 in.

Position 2

1.50 in.

Position 3

1.125 in.

Position 4

0.750 in.

Position 5

0.375 in.

Deep

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<tr>
<th>Nominal Size</th>
<th>Minimum OD</th>
<th>Minimum ID</th>
<th>Tensile Yield Load</th>
<th>Collapse Pressure</th>
<th>Burst Pressure</th>
<th>ID Flow Area</th>
<th>Ported Body Flow Area</th>
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<tbody>
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<td>inch/mm</td>
<td>inch/mm</td>
<td>inch/mm</td>
<td>lb/kg</td>
<td>psi/MPa</td>
<td>psi/MPa</td>
<td>in²/mm²</td>
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REFERENCES

ComPlete™ MST System data sheet