Series SBSV-S Solenoid Valves are compact, general-service, two-way guide type solenoid valves for air, gas, water and other liquid applications. They are available in SS with a normally closed design and can be oriented in any position. The solenoid enclosure provides protection against dust, while also protecting against seepage of oil and non-corrosive coolants. The Series SBSV-S valves come assembled with a fluoroelastomer seal, having a maximum process temperature of 248°F (120°C). The series offers a wide range of valve sizes and flow ranges, with connection sizes from 1/8” to 2” NPT and orifices from 3 mm to 50 mm.

**SPECIFICATIONS**

**Service:** Compatible gases and liquids.

**Line Size:**
- 1/8 to 1/4˝: 0 psi (0 bar) to 188.5 psi (13 bar);
- 3/8 to 2˝: 7.3 psi (0.5 bar) to 188.5 psi (13 bar).

**End Connections:** Female NPT.

**Operating Pressure:**
- 246.6 psi (12 bar).

**Pressure Limit:** 246.6 psi (12 bar).

**Wetted Material:**
- Body: 316 SS; Spring: 304 SS; Seal: Fluoroelastomer.

**Temperature Limits:**
- Process: 176°F (80°C);
- Ambient: 32 to 149°F (0 to 65°C).

**Power Requirements:**
- Standard: 110 VAC; Optional: 220 VAC, 24 VDC, 24 VAC consult factory. See Series SRC Solenoid Coils.

**Power Consumption:** See table.

**Enclosure Rating:** NEMA 13 (IP54).

**Electrical Connection:** DIN connection.

**Other Materials:** Nylon.

**Mounting Orientation:** Any position, best if solenoid vertically above valve.

**Weight:** See table above.

**Type of Operation:** NC.

**Agency Approvals:** CE.

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**OPTIONS**

Consult factory for 220 VAC, 24 VAC, and 24 VDC. See Series SRC Solenoid Coils.

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**CONSULT FACTORY**

**FOR 220 VAC, 24 VAC, AND 24 VDC.**

See Series SRC Solenoid Coils.

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**CALL TO ORDER**

<table>
<thead>
<tr>
<th>Model</th>
<th>Connection, NPT</th>
<th>Orifice in (mm)</th>
<th>CV</th>
<th>Voltage</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBSV-S1F1</td>
<td>1/8”</td>
<td>0.12 (3)</td>
<td>0.23</td>
<td>110 VAC</td>
<td>$35.25</td>
</tr>
<tr>
<td>SBSV-S2F1</td>
<td>1/4”</td>
<td>0.12 (3)</td>
<td>0.23</td>
<td>110 VAC</td>
<td>$35.25</td>
</tr>
<tr>
<td>SBSV-S3F1</td>
<td>3/8”</td>
<td>0.51 (13)</td>
<td>4.5</td>
<td>110 VAC</td>
<td>$74.50</td>
</tr>
<tr>
<td>SBSV-S4F1</td>
<td>1/2”</td>
<td>0.51 (13)</td>
<td>4.5</td>
<td>110 VAC</td>
<td>$74.50</td>
</tr>
<tr>
<td>SBSV-S5F1</td>
<td>3/4”</td>
<td>0.79 (20)</td>
<td>7.6</td>
<td>110 VAC</td>
<td>$89.00</td>
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<tr>
<td>SBSV-S6F1</td>
<td>1”</td>
<td>0.98 (25)</td>
<td>12</td>
<td>110 VAC</td>
<td>$118.00</td>
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<tr>
<td>SBSV-S7F1</td>
<td>1-1/4”</td>
<td>1.38 (35)</td>
<td>22</td>
<td>110 VAC</td>
<td>$220.00</td>
</tr>
<tr>
<td>SBSV-S8F1</td>
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<td>1.57 (40)</td>
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<td>$220.00</td>
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<tr>
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<td>1.97 (50)</td>
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<td>110 VAC</td>
<td>$349.00</td>
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Items are subject to Schedule B discounts.