### SS Solenoid Valves - 2-Way Guided NC

**Compact Design, Immune to Mounting Orientation**

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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Connection</th>
<th>Orifice (in [mm])</th>
<th>CV Value</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBSV-S1FX</td>
<td>1/8&quot;</td>
<td>0.12 (3)</td>
<td>0.25</td>
<td>110 VAC</td>
</tr>
<tr>
<td>SBSV-S2FX</td>
<td>1/2&quot;</td>
<td>0.12 (3)</td>
<td>0.25</td>
<td>110 VAC</td>
</tr>
<tr>
<td>SBSV-S3FX</td>
<td>1-1/4&quot;</td>
<td>0.12 (3)</td>
<td>0.25</td>
<td>110 VAC</td>
</tr>
<tr>
<td>SBSV-S4FX</td>
<td>1-1/2&quot;</td>
<td>0.12 (3)</td>
<td>0.25</td>
<td>110 VAC</td>
</tr>
<tr>
<td>SBSV-S5FX</td>
<td>1-3/4&quot;</td>
<td>0.12 (3)</td>
<td>0.25</td>
<td>110 VAC</td>
</tr>
<tr>
<td>SBSV-S6FX</td>
<td>2-3/8&quot;</td>
<td>0.12 (3)</td>
<td>0.25</td>
<td>110 VAC</td>
</tr>
<tr>
<td>SBSV-S7FX</td>
<td>2-1/4&quot;</td>
<td>0.12 (3)</td>
<td>0.25</td>
<td>110 VAC</td>
</tr>
<tr>
<td>SBSV-S8FX</td>
<td>2-5/8&quot;</td>
<td>0.12 (3)</td>
<td>0.25</td>
<td>110 VAC</td>
</tr>
<tr>
<td>SBSV-S9FX</td>
<td>3-5/8&quot;</td>
<td>0.12 (3)</td>
<td>0.25</td>
<td>110 VAC</td>
</tr>
</tbody>
</table>

**Specifications**

- **Service:** Compatible gases and liquids.
- **Line Size:** 1/8 to 2" NPT.
- **End Connections:** Female NPT.
- **Operating Pressure:**
  - 1/8 to 1/4": 0 psi (0 bar) to 87 psi (6 bar).
  - 3/8 to 2": 7.3 psi (0.5 bar) to 188.5 psi (13 bar).
- **Pressure Limit:** 246.6 psi (17 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).
- **Enclosure Rating:** NEMA 13 (IP54).
- **Electrical Connection:** DIN connection.
- **Other Materials:** Nylon.
- **Mounting Orientation:** Any position, best if solenoid vertically above valve.
- **Type of Operation:** NC.
- **Agency Approvals:** CE.

**Power Requirements:**

- Standard: 110 VAC; Optional: 220 VAC, 24 VDC, 24 VAC consult factory.
- Power Consumption: See table.
- Enclosure Rating: NEMA 13 (IP54).
- Electrical Connection: DIN connection.
- Other Materials: Nylon.
- Weight: See table.
- Type of Operation: NC.
- Agency Approvals: CE.

### Brass Solenoid Valves - 2-Way Guided NO

**Compact Design, Immune to Mounting Orientation**

Series SSV-B Solenoid Valves are compact, general-service, two-way guide type solenoid valves for air, gas, water, and other liquid applications. They are available in brass with a normally open design and can be oriented in any position. The solenoid enclosure provides protection against dust while also protecting against seepage of oil and non-corrrosive coolants. The Series SSV-B valves come assembled with an NBR seal having a maximum process temperature of 176°F (80°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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Connection</th>
<th>Orifice (in [mm])</th>
<th>CV Value</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSV-B1N</td>
<td>1/8&quot;</td>
<td>0.12 (3)</td>
<td>0.25</td>
<td>110 VAC</td>
</tr>
<tr>
<td>SSV-B2N</td>
<td>1-1/4&quot;</td>
<td>0.12 (3)</td>
<td>0.25</td>
<td>110 VAC</td>
</tr>
<tr>
<td>SSV-B3N</td>
<td>1-3/4&quot;</td>
<td>0.12 (3)</td>
<td>0.25</td>
<td>110 VAC</td>
</tr>
<tr>
<td>SSV-B4N</td>
<td>1-5/8&quot;</td>
<td>0.12 (3)</td>
<td>0.25</td>
<td>110 VAC</td>
</tr>
<tr>
<td>SSV-B5N</td>
<td>2-3/8&quot;</td>
<td>0.12 (3)</td>
<td>0.25</td>
<td>110 VAC</td>
</tr>
<tr>
<td>SSV-B6N</td>
<td>2-5/8&quot;</td>
<td>0.12 (3)</td>
<td>0.25</td>
<td>110 VAC</td>
</tr>
<tr>
<td>SSV-B7N</td>
<td>3-5/8&quot;</td>
<td>0.12 (3)</td>
<td>0.25</td>
<td>110 VAC</td>
</tr>
<tr>
<td>SSV-B8N</td>
<td>3-7/8&quot;</td>
<td>0.12 (3)</td>
<td>0.25</td>
<td>110 VAC</td>
</tr>
<tr>
<td>SSV-B9N</td>
<td>4-7/8&quot;</td>
<td>0.12 (3)</td>
<td>0.25</td>
<td>110 VAC</td>
</tr>
</tbody>
</table>

**Specifications**

- **Service:** Compatible gases and liquids.
- **Line Size:** 1/8 to 2" NPT.
- **End Connections:** Female NPT.
- **Operating Pressure:**
  - 1/8 to 1/4": 0 psi (0 bar) to 87 psi (6 bar).
  - 3/8 to 2": 7.3 psi (0.5 bar) to 188.5 psi (13 bar).
- **Pressure Limit:** 174 psi (12 bar).
- **Wetted Material:** Body: Brass; Spring: 304 SS; Seal: NBR.
- **Temperature Limits:** Process: 176°F (80°C). Ambient: 32 to 149°F (0 to 65°C).
- **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.
- **Type of Operation:** NC.
- **Agency Approvals:** CE.

**Power Requirements:**

- Standard: 110 VAC; Optional: 220 VAC, 24 VDC, 24 VAC consult factory.
- Power Consumption: See table.
- Enclosure Rating: NEMA 13 (IP54).
- Electrical Connection: DIN connection.
- Other Materials: Nylon.
- Weight: See table.
- Type of Operation: NC.
- Agency Approvals: CE.