Brass Solenoid Valve, 2-Way Guided NC
Compact Design, Immune to Mounting Orientation

The Series SBSV-B Brass Solenoid Valve is 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 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-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.

**FEATURES/BENEFITS**
- Can be oriented in any position
- Compact design
- Field replaceable coils

**APPLICATIONS**
- Wide variety of applications, suitable air, gas, water and other liquids

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**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Connection, NPT</th>
<th>Orifice in [mm]</th>
<th>Cv Value</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBSV-1FX</td>
<td>1/8”</td>
<td>0.12 [3]</td>
<td>0.23</td>
<td>110 VAC</td>
</tr>
<tr>
<td>SBSV-2FX</td>
<td>1/8”</td>
<td>0.12 [3]</td>
<td>0.23</td>
<td>110 VAC</td>
</tr>
<tr>
<td>SBSV-3FX</td>
<td>3/8”</td>
<td>0.51 [13]</td>
<td>4.5</td>
<td>110 VAC</td>
</tr>
<tr>
<td>SBSV-4FX</td>
<td>1/2”</td>
<td>0.51 [13]</td>
<td>4.5</td>
<td>110 VAC</td>
</tr>
<tr>
<td>SBSV-6NF</td>
<td>1/2”</td>
<td>0.79 [20]</td>
<td>7.6</td>
<td>110 VAC</td>
</tr>
<tr>
<td>SBSV-7NF</td>
<td>1-1/16”</td>
<td>1.38 [36]</td>
<td>22</td>
<td>110 VAC</td>
</tr>
<tr>
<td>SBSV-8NF</td>
<td>1-1/2”</td>
<td>1.57 [40]</td>
<td>30</td>
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</tr>
<tr>
<td>SBSV-9NF</td>
<td>2”</td>
<td>1.97 [50]</td>
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</tr>
</tbody>
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Note: Consult factory for 220 VAC, 24 VAC and 24 VDC.

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**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 188.5 psi (13 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: Brass; Spring: 304 SS; Seal: NBR.
- 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.
- 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.

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SS Solenoid Valve, 2-Way Guided NC
Compact Design, Immune to Mounting Orientation

The SERIES SBSV-S SS Solenoid Valve is compact, general-service, two-way guide type solenoid valves for air, gas, water and other liquid applications. They are available in stainless steel 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 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.

**FEATURES/BENEFITS**
- Can be oriented in any position
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