The Series BBV-0 2-Valve Block Manifold is perfect for use over a broad range of industrial applications including oil refineries, nuclear power stations, petrochemical processing, and more. The Series BBV-0 is forged from 316 stainless steel bar stock and designed to withstand repeated open and close operations. Suited to control oil, water, toxic fluids, chemicals, air, and steam; the 2-valve block manifold has (1) isolate and (1) vent valves. Each valve stem is precision machined with hard seats to reduce operating torque. The BBV-0F and BBV-0N are designed to mount directly to industrial pressure transmitters. The BBV-0F comes with two 7/16-20 UNF mounting bolts and one PTFE gasket.

### SPECIFICATIONS

**Service:** Compatible liquids, gases, or steam.

**End Connections:**
- Process connection: 1/2" female NPT;
- Instrument connection: 1/2" male NPT;
- Flange: 1/2" DIN 19213 flange;
- Vent/test: 1/4" female NPT.

**Wetted Materials:**
- Body, stem, valve assembly: 316 SS;
- Stem packing: PTFE.

**Pressure Limit:**
- 6000 psi (400 bar).

**Temperature Limit:**
- 464°F (240°C).

**Other Materials:**
- Handle: 304 SS.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>BBV-0F</td>
<td>Flanged 2-valve block manifold</td>
</tr>
<tr>
<td>BBV-0N</td>
<td>2-valve block manifold</td>
</tr>
</tbody>
</table>

The Series BBV-1 3-Valve Block Manifold can be used over a broad range of industrial applications including oil refineries, nuclear power stations, petrochemical processing, and more. The Series BBV-1 body is forged from 316 stainless steel bar stock and designed to withstand repeated open and close operations. Suited to control oil, water, toxic fluids, chemicals, air, and steam; the 3-valve block manifold has (2) isolate and (1) equalizing valves. Each valve stem is precision machined with hard seats to reduce operating torque. The flanged model is designed to mount to an industrial differential pressure transmitter. The BBV-1F comes with four 7/16-20 UNF mounting bolts and two PTFE gaskets, and the BBV-1D comes with eight 7/16-20 UNF mounting bolts and four PTFE gaskets.

### SPECIFICATIONS

**Service:** Compatible liquids, gases, or steam.

**End Connections:**
- Process connection: 1/2" NPT x 1/4" NPT;
- BBV-1: 1/2" NPT x 1/2" NPT;
- BBV-1F: 1/2" NPT x DIN 19213 flange;
- BBV-1B: 1/2" NPT x DIN 19213 flange;
- BBV-1D: DIN 19213 flange x DIN 19213 flange.

**Wetted Materials:**
- Body, stem, valve assembly: 316 SS; Stem packing: PTFE.

**Pressure Limit:**
- 6000 psi (400 bar).

**Temperature Limit:**
- 464°F (240°C).

**Other Material:**
- Handle: 304 SS.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>BBV-1B</td>
<td>Mini 3-valve block manifold</td>
</tr>
<tr>
<td>BBV-1F</td>
<td>Flanged 3-valve block manifold</td>
</tr>
<tr>
<td>BBV-1M</td>
<td>3-valve block manifold</td>
</tr>
<tr>
<td>BBV-1D</td>
<td>Double flanged 3-valve block manifold</td>
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</tbody>
</table>