### TOP VALVE®

**TVB BACK PRESSURE VALVE**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MAX ALLOWABLE OPERATING TEMPERATURE</td>
<td>180°F (82°C)</td>
</tr>
<tr>
<td>2</td>
<td>MAX ALLOWABLE OPERATING PRESSURE</td>
<td>150 PSIG @ 70°F</td>
</tr>
<tr>
<td>3</td>
<td>INLET/OUTLET</td>
<td>3/4&quot;</td>
</tr>
<tr>
<td>4</td>
<td>CONNECTION TYPE</td>
<td>ANGLED FLANGE BGL-1</td>
</tr>
<tr>
<td>5</td>
<td>MATERIAL (WETTED)</td>
<td>316 SS</td>
</tr>
<tr>
<td>6</td>
<td>DIAPHRAGM</td>
<td>PTFE BACKED EPDM</td>
</tr>
<tr>
<td>7</td>
<td>FLANGE</td>
<td>316 SS</td>
</tr>
<tr>
<td>8</td>
<td>SPRING SADDLE/TOP</td>
<td>CPVC</td>
</tr>
<tr>
<td>9</td>
<td>MATERIAL (NON-WETTED)</td>
<td>NICKEL PLATED MUSCLE WIRE ASTM A228</td>
</tr>
<tr>
<td>10</td>
<td>TOP/BOTTOM DISC</td>
<td>POLYPROPYLENE</td>
</tr>
<tr>
<td>11</td>
<td>BOLTS, NUTS, WASHERS</td>
<td>STAINLESS STEEL</td>
</tr>
<tr>
<td>12</td>
<td>FACTORY SET PRESSURE</td>
<td>50 PSI</td>
</tr>
<tr>
<td>13</td>
<td>SPRING RANGE</td>
<td>7 - 150 PSIG</td>
</tr>
</tbody>
</table>

**Dimensions:**

- **3.22 [82]**
- **7.50 [191]**
- **5.69 [144]**
- **3.96 [101]**
- **1/4" NPT GAUGE PORT**

**Drawing Details:**

- **Title:** TVB BACK PRESSURE VALVE WITH 3/4" 150# WN FLANGE CONNECTIONS PLUS GAUGE PORT
- **Scale:** 1:2
- **Material:** SEE CHART
- **Drawing No.:** 0
- **Drawn By:** [Signature]
- **Checked By:** [Signature]
- **Approved By:** [Signature]

**NOTES:**

- **3/4" BACK PRESSURE VALVE WITH 3/4" 150# WN FLANGE CONNECTIONS PLUS GAUGE PORT**
- **1/4" NPT GAUGE PORT**
- **Units:** ± 0.25"