Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>BV1</th>
<th>BV1L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body Material</td>
<td>ASTM A351-CF8 (SCS13A)</td>
<td>ASTM A351-CF8 (SCS13A)</td>
</tr>
<tr>
<td>Valve (Ball) Opening</td>
<td>Full Bore</td>
<td>Reduced Bore</td>
</tr>
<tr>
<td>Max. Operating Press. (PMO)</td>
<td>1.0 MPaG</td>
<td>1.0 MPaG</td>
</tr>
<tr>
<td>Max. Allowable Press. (PMA)*</td>
<td>1.0 MPaG</td>
<td>1.0 MPaG</td>
</tr>
<tr>
<td>Max. Operating Temp. (TMO)</td>
<td>185 °C</td>
<td>100 °C</td>
</tr>
<tr>
<td>Max. Allowable Temp. (TMA)*</td>
<td>185 °C</td>
<td>100 °C</td>
</tr>
</tbody>
</table>

Suitable Fluid**

- Hot & Cold Water, Air, Steam
- Hot & Cold Water, Air

* Maximum allowable pressure (PMA) and maximum allowable temperature (TMA) are PRESSURE SHELL DESIGN CONDITIONS, NOT OPERATING CONDITIONS.

** Do not use for toxic, flammable or otherwise hazardous fluids.

Installation & Operational Consideration

Before installing the product, blow out the piping to remove any piping scraps, dirt, oil and scale. Failure to do so may lead to damage caused by foreign matter.

- **CAUTION**
  - Do not remove the product from its package until just prior to installation. The package keeps damage causing foreign materials out of the product.
  - Use only in the full open and full closed positions. Avoid using the product in a partially open position. Prolonged use in a partially open position may cause damage to the valve seat resulting in leaks.

(Repair parts are not supplied for these products. Please replace entire product.)

Product Warranty

1. Warranty Period
   One year following product delivery.
2. Warranty Coverage
   TLV CO., LTD. warrants this product to the original purchaser to be free from defective materials and workmanship. Under this warranty, the product will be repaired or replaced at our option, without charge for parts or labor.
3. This product warranty will not apply to cosmetic defects, nor to any product whose exterior has been damaged or defaced; nor does it apply in the following cases:
   - Malfunctions due to improper installation, use, handling, etc., by other than TLV CO., LTD. authorized service representatives.
   - Malfunctions due to dirt, scale, rust, etc.
   - Malfunctions due to improper disassembly and reassembly, or inadequate inspection and maintenance by other TLV CO., LTD. authorized service representatives.
   - Malfunctions due to disasters or forces of nature.
   - Accidents or malfunctions due to any other cause beyond the control of TLV CO., LTD.
4. Under no circumstances will TLV CO., LTD. be liable for consequential economic loss damage or consequential damage to property.

For Service or Technical Assistance: Contact your TLV representative or your regional TLV office.

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