CV3000 Alphaplus™

Top and Bottom Guided Double-Seated Control Valves

Leakage as low as single-seated valves allowing the use of smaller actuators.

- Excellent leakage performance same as single seated valve.
- Vibration-resistant structure.
- Easy maintenance.
- No sedimentations.
Benefits

- **Leakage same as single-seated valve**
  Integral seat ring* ensures consistent seat leakage performance (IEC Class IV) - same as single-seated valve.

- **Easy to maintain**
  For the plug and integral seat ring*, a top-entry method and the plug's fixed bottom guide facilitate maintenance regardless of valve action.

- **Excellent control stability**
  Using a new approach to plug design, this valve offers excellent control stability - equal to cage-type valves.

- **No sedimentos**
  No dead space in the flow path. No sediments accumulate in the valve.

*Patent pending in six countries—Japan, USA, Germany, China, Korea, India

### Main Specification

<table>
<thead>
<tr>
<th>Basic Model</th>
<th>ADVB / ADVM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter for connection</td>
<td>6 inch to 12 inch</td>
</tr>
<tr>
<td>Rated pressure</td>
<td>ANSI:150, 300</td>
</tr>
<tr>
<td></td>
<td>BS:10K, 20K, 30K</td>
</tr>
<tr>
<td></td>
<td>JPF:150, 300</td>
</tr>
<tr>
<td>Valve material</td>
<td>A216 WCB</td>
</tr>
<tr>
<td></td>
<td>A351 CF8, A351 CF8M</td>
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<tr>
<td></td>
<td>SCOF91</td>
</tr>
<tr>
<td></td>
<td>SCS13A, SCS14A</td>
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<tr>
<td>Operating temperature</td>
<td>-7 °C to +400 °C [25 °F to 752 °F]</td>
</tr>
</tbody>
</table>

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Kamagari Corporation changed to name as Azbil Corporation on April 1, 2012.
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