ASCO®

Series 068 | 16 mm Flapper Isolation Valves
2 and 3-Way Isolation Solenoid Valves

Applications
• Hematology
• Chromatography
• DNA Sequencing
• Liquid Sample Preparation
• Immunoassay Testing
• Oncology
• Chemical Sterilization
• Water Quality Monitoring

Features & Benefits
• Flapper Mechanism
  • Fast response time and exceptional volume control result in higher productivity and more precise measurements
  • Large orifice sizes combined with the special flapper mechanism allow for high pressures (up to 116 psi) to be reached, meeting your fluid isolation needs
  • No sticking and low pumping effects, reduce system calibration frequency
• Hermetic Separation
  • Separation of fluid and control mechanism reduces heat transfer and prevents particulate contamination caused by friction of the mechanical components
  • Ensures reliable operation in applications with highly aggressive fluids
• System Compatibility
  • Available in three mounting options and two electrical configurations to ensure system compatibility
• Vacuum Operation Capabilities
  • Excellent operating characteristics under vacuum conditions
• Low Power
  • Power-save option available
• Reduced sample and reagent waste
  • Self-draining capability and easy-to-flush internal cavity
  • Low internal volume
• Long Life
  • Special flapper mechanism reduces wear on diaphragm
  • High-quality materials tested in excess of 10 million cycles
• Many constructions available as part of the ASCO Today program to help keep production lines running smoothly

Specifications

<table>
<thead>
<tr>
<th>Series</th>
<th>Port Thread</th>
<th>Orifice Sizes Inches (mm)</th>
<th>Flow Coefficient (Cv)</th>
<th>Max. Pressure psi (bar)</th>
<th>Media Temperature °F (°C)</th>
<th>Ambient Temperature °F (°C)</th>
<th>Wattage at 68°F (20°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 mm 068 Flapper Isolation</td>
<td>Pad Mount</td>
<td>0.031&quot; - 0.063&quot; (0.8 - 1.6)</td>
<td>0.017 - 0.063</td>
<td>116 (8)</td>
<td>41 to 122 (5 to 50)</td>
<td>41 to 122 (5 to 50)</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>1/4-28 UNF</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hose Barb</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

www.ascovalve.com

06/14-V7707