JV240021
Stainless Steel
Pneumatic Operated
Fire Safe
3-Piece Ball Valve
 c/w VT Pneumatic Actuator
BSP Threaded
(NPT, Socket & Butt Weld on request)

A high performance stainless steel bodied full bore ball valve suitable for various heavy duty applications and is of a fire safe design.

This valve is supplied completely assembled with either a single (spring return) or double acting pneumatic actuator.

All valve and actuator packages are tested and issued with certification confirming the actuators functionality before despatch.

Approvals, Features & Benefits

- Fire Safe design
- Certified to API 607 4th Edition
- Anti-Static device
- Complete assembled package
- Air connection to Namur/VDE 3845 on actuator
- Double or single (spring return) acting actuator

Pressure & Temperature*

Pressure range :-
½" - 1" - PN138 rated
1¼" - 2" - PN103 rated
2½" - 3" - PN63 rated

Temperature range*-
-20°C to 220°C

<table>
<thead>
<tr>
<th>BSP</th>
<th>¼</th>
<th>¾</th>
<th>1</th>
<th>1¼</th>
<th>1½</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>74.8</td>
<td>80.2</td>
<td>93</td>
<td>110.6</td>
<td>122.6</td>
<td>140</td>
</tr>
<tr>
<td>B</td>
<td>15</td>
<td>20</td>
<td>24</td>
<td>30</td>
<td>38</td>
<td>50</td>
</tr>
<tr>
<td>C* (s)</td>
<td>133</td>
<td>136</td>
<td>168</td>
<td>182.8</td>
<td>194.5</td>
<td>215</td>
</tr>
<tr>
<td>C* (d)</td>
<td>133</td>
<td>136</td>
<td>148</td>
<td>152.8</td>
<td>184.5</td>
<td>192</td>
</tr>
<tr>
<td>D (s)</td>
<td>154</td>
<td>154</td>
<td>189</td>
<td>210</td>
<td>210</td>
<td>229</td>
</tr>
<tr>
<td>D (d)</td>
<td>154</td>
<td>154</td>
<td>154</td>
<td>154</td>
<td>189</td>
<td>189</td>
</tr>
<tr>
<td>Weight Kg (s)</td>
<td>2.51</td>
<td>3.49</td>
<td>6.57</td>
<td>8.84</td>
<td>13.3</td>
<td>17.41</td>
</tr>
<tr>
<td>Weight Kg (d)</td>
<td>1.61</td>
<td>1.99</td>
<td>3.07</td>
<td>5.04</td>
<td>7.6</td>
<td>8.4</td>
</tr>
</tbody>
</table>

(s) Single acting - Spring return (d) Double acting

**ACTUATOR SPECIFICATIONS**

- **Air Pressure**: 2.5 to 8 bar (Based on 5.5 bar air supply as standard)
- **Body**: Aluminium alloy
- **Ambient Temp**: -15 to 80°C (Low and high temp versions also available)
- **Springs**: Stainless Steel
- **Cycle Life**: 1,000,000 Operations
- **Piston Seals**: Nitrile
- **Indicator**: Multifunctional position indicator for visual inspection
- **Piston**: Aluminium alloy
- **Travel Stops**: External adjustable ±5% in both open & closed position
- **End Caps**: Aluminium alloy

**ACTUATOR OPTIONS**

- **APL**: Valve Position Monitor (Limit Switchboxes)
- **551 Series**: NUMAR Solenoid Spool Valves
- **HGO**: Declutch Manual Override

**BALL VALVES MATERIALS**

- **Body**: Stainless Steel (CFM8)
- **Ball**: Stainless Steel (CFM8)
- **O-ring**: Viton
- **Seats**: CTFE
- **Stem**: Stainless Steel (CFM8)

*Special actuator mounting kit required for temperatures above 80°C, contact sales for details and overall height dimensions