The JV240012 stainless steel bodied full bore, two piece ball valve is flanged and drilled to PN16/40 and is suitable for various applications.

This valve is supplied completely assembled with a JV-E electric actuators which is small, lightweight and compact in design but still offering high output torques.

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

### Pressure & Temperature

- **Pressure range:**
  - DN15 - 50: PN40 rated
  - DN65 - 200: PN16 rated

- **Temperature range:**
  - DN125 - 200 Max 180°C
  - **-25°C to 200°C**
  - ***DN125-200 Max 180°C**

### Approvals, Features & Benefits

- Face to face: DIN 3202 F4, EN 558-1-27
- Complete assembled package
- Various voltage options
- Manual override on actuator
- Visual position indicator on actuator

### Ball Valves Materials

- **Body**: Stainless Steel (CFM8)
- **Ball**: Stainless Steel (316)
- **O-ring**: Viton
- **Seats**: RPTFE (15%)
- **Stem**: Stainless Steel (316)

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*Special actuator mounting kit required for temperatures above 70°C, contact sales for details and overall height dimensions

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### ACTUATOR SPECIFICATIONS

<table>
<thead>
<tr>
<th>Enclosure</th>
<th>IP68 Watertight (IP68 5m 120hr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travel Angle</td>
<td>90° ± 5°</td>
</tr>
<tr>
<td>Power Supply</td>
<td>110V &amp; 250V AC 50/60Hz / 24V AC 50/60Hz / 24VDC / 380V &amp; 440V 3PH</td>
</tr>
<tr>
<td>Casing Material</td>
<td>Aluminium Alloy, Dry Power Polyester Coated</td>
</tr>
<tr>
<td>Indicator</td>
<td>Dome Type Mechanical</td>
</tr>
<tr>
<td>Terminal Block</td>
<td>Push Button</td>
</tr>
<tr>
<td>Limit Switches</td>
<td>2 x Open / 2 x Close, SPDT, 250V AC</td>
</tr>
<tr>
<td>Ambient Temperature</td>
<td>-20 to 60°C</td>
</tr>
<tr>
<td>Space Heater</td>
<td>110/220V AC Anti-condensation</td>
</tr>
<tr>
<td>Mechanism</td>
<td>Scotch-Yoke (JV-E05 - Spur Gear Type)</td>
</tr>
</tbody>
</table>

### ACTUATOR OPTIONS

- **LC**: Local Control (with torque switches) - Available for models JV-E16 to JV-E120
- **SM**: Super Modulating Unit Input / Output 4-20mA, 0-1V, 2-10V, 0-5V & 1-5V all in one unit (Available for 24VDC, 110VAC & 220VAC)
- **MC**: Modulating Control Unit Input / Output 4-20mA (Only available for 110 & 220VAC)

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*All data is designed as a guide and should not be regarded as wholly accurate in every detail

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Datasheet No. 240012 - 01/19

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