**Description**

A Pneumatically Actuated PVC-U Ball Valve with the benefit of being able to be direct mounted to the actuator, that enables this unit to be excellent value for money. Suitable for a range of chemical, water treatment, clean water and light industrial applications. Using the well proven Industrial series PVC-U ball valve with EPDM seats, it offers excellent flow characteristics, mechanical strength, minimal pressure drop and resistance to many inorganic chemicals. Actuation is either Single or Double acting with a range of configurable options including limit switches, solenoid valves and positioners.

**Applications**

Industrial and chemical process pipelines.
Swimming pool.
Acid / Alkali and waste water treatment.
High purity, clean water and water treatment plants.
Heating, plumbing and mechanical pipeline systems.
Irrigation, marine and gravity pipelines.

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**Economy Pneumatic Actuated PVC-U Ball Valve**

- Economy PVC-U ball valve
- Pneumatic Actuated SR or DA
- EPDM seats
- Imperial, Metric or BSP end connections
- Sizes 1/2" to 2"
- Pressure range 10 Bar

All information is sourced from our manufacturer’s data and is intended for guidance only - Valves Online can accept no liability for changes, omissions or errors.

www.valvesonline.co.uk
e-mail: sales@valvesonline.co.uk
PE4400

SPRING RETURN

Spring Return Dimensions

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<tr>
<th>BSP</th>
<th>Metric Din</th>
<th>BS Imperial</th>
<th>ACTUATOR</th>
<th>L</th>
<th>H</th>
<th>D</th>
<th>B</th>
<th>C</th>
<th>Weight</th>
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Valve

PVC-U Ball Valve
BSP Threaded, Imperial or Metric Solvent Socket
1/2" to 2" & 20mm to 63mm
EN 1452 Part 3, DIN 2999, ISO 7/1

Valve is supplied with both
Metric and Imperial Solvent Socket Ends
PE4400

DOUBLE ACTING

Double Acting Dimensions

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<th>Metric Din</th>
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</table>

Valve

- Body: PVC-U
- Union Nuts: PVC-U
- Union ends: PVC-U
- Valve seats: HYTREL
- Valve O Rings: EPDM
- Pressure: 10 BAR
- Temperature: 40C
- Standards: EN 1452-4, DIN 2999, ISO 7/1

PVC-U Ball Valve
BSP Threaded, Imperial or Metric Solvent Socket
1/2" to 2" & 20mm to 63mm
EN 1452 Part 3, DIN 2999, ISO 7/1

Valve is supplied with both Metric and Imperial Solvent Socket Ends

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### Technical - Actuator

<table>
<thead>
<tr>
<th>Part</th>
<th>Specification</th>
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<td>Body material</td>
<td>Hard anodised extruded aluminium alloy</td>
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<td>End Caps</td>
<td>Die cast aluminium epoxy coated</td>
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<td>Spring</td>
<td>High tensile steel</td>
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<tr>
<td>Indicator</td>
<td>Open/Closed</td>
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<tr>
<td>Pinion shaft</td>
<td>Alloy steel nickle plated</td>
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<tr>
<td>Pinion Guides</td>
<td>Self Lubricating Polypropylene + GF</td>
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<tr>
<td>Piston seals</td>
<td>NBR</td>
</tr>
</tbody>
</table>

### Specification

- **Pressure range**: 10 Bar
- **Double acting**: 2.5 Bar - 8 Bar
- **Single acting**: 2.5 Bar - 8 Bar
- **Temperature range**: minus 20°C - 80°C
- **Movement**: 90 Degree adjustable -5-+5 Degree
- **Lubrication**: All moving parts are lubricated
- **Cycle Life**: 1,000,000 operations
- **Approvals**: EX, ATEX, CE, PED

*The sizing shown is based on air supply of 5.5 bar to pilot the actuator.*

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Everything you need to complete your System, all available from one source. Friendly Technical advice, Economic prices and fast deliveries.

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Solenoid Valves  
Flow and Batch  
Sensors and Transmitters