Valves

Manual Valve / Solenoid Operated Valves

5/2 Manual Valve
Model Number and Specifications
P7-1030-01
OPERATING PRESSURE RANGE: 0 - 150 PSIG
AMBIENT TEMPERATURE RANGE: 0° - 120° F

5/2 Double Solenoid Valve
Model Number and Specifications
P7-1021-02 • 120 VAC Double Solenoid Operated
OPERATING PRESSURE RANGE: 25 - 150 PSIG
AMBIENT TEMPERATURE RANGE: 0° - 120° F

5/2 Double Solenoid Valve
Model Number and Specifications
P7-1011-00 • 120 VAC Solenoid Operated
P7-1012-00 • 24 VDC Solenoid Operated
OPERATING PRESSURE RANGE: 25 - 150 PSIG
AMBIENT TEMPERATURE RANGE: 0° - 120° F
Valves

Valve, 3 Position, 5 Port

Control valves: 5 port, 3 position ISO 1

- These valves are designed to control double acting pneumatic clamping systems.
- Valves can run on lubricated or unlubricated air. Cylinder exhaust is controlled by internal flow controls, allowing individual exhausts to be controlled with only one common exhaust in the end plate.
- If electrical power is lost, manual overrides allow the valves to be shifted. Overrides can also be used to help in system troubleshooting.
- Rapid return is achieved when the valve is deactuated, since the exhaust orifice is oversized.
- Installing the valves is aided by captive mounting parts, eliminating lost screws and seals during assembly/disassembly.
- Installation is made easier since the coil can be rotated in 90° increments and the grip connector moves 180°.
- Connections are made easily with our push-to-connect tubing. It functions with Nylon 11 tubing for inch sizes and Nylon 12 tubing for metric sizes. Standard NPT ports are used in the manifolds.
- Valve bodies are made of die-cast aluminum.

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<thead>
<tr>
<th>Control Valve</th>
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<tr>
<td>Model Number and Specifications</td>
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<tr>
<td><strong>P7-1021-00</strong></td>
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<tr>
<td>ISO 1 - 5/3 CENTER BLOCKED</td>
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<tr>
<td>115V AC • 250 PSIG</td>
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<tr>
<td>Must use external pilot pressure - not to exceed 150 PSIG</td>
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<td>ISO 1 - 5/3 CENTER BLOCKED</td>
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<tr>
<td>115V AC • 150 PSIG</td>
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<td>External pilot NOT required</td>
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<tr>
<th>Specification</th>
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<tr>
<td><strong>Standard Power Requirements</strong></td>
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<tr>
<td>120V/60Hz</td>
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This photo and illustration shows a **MULTIPLE VALVE ISO 1 SYSTEM WITH SOLENOID VALVES**

Assembly Includes:
- Control Valve (page F-3)
- Stacking Sub-base (page F-5)
- Stacking End Plates (page F-5)

**Configuration Options:**

**Use with Manual -OR- Solenoid Control Valves**

**Single Valve Sub-base Mounting Plate**

<table>
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<tr>
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<tr>
<td>P3-1002-00</td>
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<tr>
<td>USED FOR SINGLE VALVE ISO 1 MOUNTING</td>
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**MAXIMUM 5 VALVES PER STACK**
Valves

Sub-bases

Multiple Valve System Components

Stacking Sub-base ISO 1

Model Number and Specifications

P3-1012-00

Maximum number per stack is 5

Two P3-1013-00 end plates required per stack (see below)

Stacking End Plate ISO 1

Model Number and Specifications

P3-1013-00

2 required per stack

Stacking plate used with P3-1012-00 stacking sub-base (shown above)

Valve Subbase End Plate Kit Includes:
Plain plate and O-ring plate with fasteners and O-rings

800-992-0236
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