**PF6 Series**

**Stainless Steel Piston Actuated On/Off Valves**

**Description**
A 2-port pneumatically actuated on/off stainless steel valve for use on steam, water, air, oil and gases.

A pneumatic signal acts on the actuator piston to open or close the valve with a spring return action.

The valve plugs have a PTFE soft seal (G) to provide a tight shut-off. A valve position indicator is included on standard and flow regulator models.

Valves are available with one of three sizes of actuator:

- **Type 1** (45 mm), **Type 2** (63 mm) and **Type 3** (90 mm) with the following action options:
  - **NC (Normally Closed)**
    These valves are designed for flow over the seat (port 1 to 2). Recommended for pneumatic applications. Not recommended for water applications.
  - **NO (Normally Open)**
    These valves are designed for flow under the seat (port 2 to 1). Can be used to prevent waterhammer on valve closure in liquid applications.
  - **BD (Bi-Directional normally closed)**
    These valves are designed for special applications that require flow in both directions and incorporates an anti-waterhammer design for liquid applications flowing under the seat (port 2 to 1). Note: To help prevent the possibility of waterhammer on liquid applications flowing over the seat (port 1 to 2) the pressure should not exceed 15 psig.

**Optional extras** (see ‘Valve selection guide’, page 7):
- Travel switch - Flow regulator

**Sizes, pipe connections and actuator combinations**

<table>
<thead>
<tr>
<th>Valve type</th>
<th>Pipe connections</th>
<th>Actuator type</th>
<th>1/2&quot;</th>
<th>3/4&quot;</th>
<th>1&quot;</th>
<th>1-1/4&quot;</th>
<th>1-1/2&quot;</th>
<th>2&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>PF61G</td>
<td>NPT or BSP</td>
<td>1</td>
<td>PTFE version</td>
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<td></td>
<td></td>
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</tr>
<tr>
<td></td>
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<td>2</td>
<td>PTFE version</td>
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<td></td>
<td></td>
<td>3</td>
<td>PTFE version</td>
<td></td>
<td></td>
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<tr>
<td>PF63G</td>
<td>Flanged to ANSI Class 150 or EN 1092 (welded on flanges)</td>
<td>2</td>
<td>PTFE version</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>3</td>
<td>PTFE version</td>
<td></td>
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<td></td>
<td></td>
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</tr>
<tr>
<td>PF65G</td>
<td>Sanitary clamp to ISO 2852</td>
<td>1</td>
<td>PTFE version</td>
<td></td>
<td></td>
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<td>PTFE version</td>
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<td>3</td>
<td>PTFE version</td>
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</table>

**Available range**

<table>
<thead>
<tr>
<th>Valve action</th>
<th>BSP or NPT</th>
<th>Butt weld (EN 1092 or ANSI)</th>
<th>Flanged</th>
<th>Socket weld</th>
<th>Sanitary clamp</th>
</tr>
</thead>
<tbody>
<tr>
<td>NC - Normally Closed (flow over seat)</td>
<td>PF61G - 1NC</td>
<td>PF62G - 1NC</td>
<td>PF63G - 2NC</td>
<td>PF64G - 1NC</td>
<td>PF65G - 1NC</td>
</tr>
<tr>
<td>NO - Normally Open (flow under seat)</td>
<td>PF61G - 2NO</td>
<td>PF62G - 2NO</td>
<td>PF63G - 2NO</td>
<td>PF64G - 2NO</td>
<td>PF65G - 2NO</td>
</tr>
<tr>
<td>BD - Bi-Directional normally closed (flow over or under seat)</td>
<td>PF61G - 1BD</td>
<td>PF62G - 1BD</td>
<td>PF63G - 2BD</td>
<td>PF64G - 1BD</td>
<td>PF65G - 1BD</td>
</tr>
</tbody>
</table>

Local regulation may restrict the use of this product below the conditions quoted. Limiting conditions refer to standard connections only. In the interests of development and improvement of the product, we reserve the right to change the specification.
PF6 Series
Stainless Steel Piston Actuated On/Off Valves

Pressure / temperature limits

<table>
<thead>
<tr>
<th>Condition</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMA  Maximum allowable pressure</td>
<td>Refer to the graph left</td>
</tr>
<tr>
<td>TMA  Maximum allowable temperature</td>
<td>356°F</td>
</tr>
<tr>
<td>Minimum allowable temperature</td>
<td>14°F</td>
</tr>
<tr>
<td>PMO  Maximum operating pressure</td>
<td>130 psig @ 356°F</td>
</tr>
<tr>
<td>TMO  Maximum operating temperature</td>
<td>356°F</td>
</tr>
</tbody>
</table>

Technical details

<table>
<thead>
<tr>
<th>Leakage</th>
<th>PTFE soft seal ANSI class V1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow characteristic</td>
<td>Fast opening On/off</td>
</tr>
<tr>
<td>Flow direction</td>
<td>PF6_G-NC Flow over seat Port 1 to 2</td>
</tr>
<tr>
<td></td>
<td>PF6_G-NO Flow under seat Port 2 to 1</td>
</tr>
<tr>
<td></td>
<td>PF6_G-BD Flow over seat Port 1 to 2</td>
</tr>
<tr>
<td></td>
<td>Flow under seat Port 2 to 1</td>
</tr>
<tr>
<td>Pilot media</td>
<td>Air or water 140°F maximum</td>
</tr>
<tr>
<td>Actuator rotation</td>
<td>360°</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Actuator type and size</th>
<th>Pilot connection Maximum pilot pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type 1 = 45 mm diameter</td>
<td>1/8” BSP 150 psig</td>
</tr>
<tr>
<td>Type 2 = 63 mm diameter</td>
<td>1/4” BSP 150 psig</td>
</tr>
<tr>
<td>Type 3 = 90 mm diameter</td>
<td>1/4” BSP 115 psig</td>
</tr>
</tbody>
</table>

Cv values

<table>
<thead>
<tr>
<th>Size</th>
<th>1/2”</th>
<th>3/4”</th>
<th>1”</th>
<th>1-1/4”</th>
<th>1-1/2”</th>
<th>2”</th>
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</thead>
<tbody>
<tr>
<td>Cv</td>
<td>4.9</td>
<td>9.0</td>
<td>22</td>
<td>31</td>
<td>49</td>
<td>60</td>
</tr>
</tbody>
</table>
PF6 Series
Stainless Steel Piston Actuated On/Off Valves

NC (Normally Closed)

NO (Normally Open)

Materials

<table>
<thead>
<tr>
<th>No.</th>
<th>Part</th>
<th>Material</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Body</td>
<td>Stainless steel AISI 316L</td>
</tr>
<tr>
<td>2</td>
<td>Bonnet</td>
<td>Stainless steel AISI 316L</td>
</tr>
<tr>
<td>3</td>
<td>Plug</td>
<td>Stainless steel AISI 316L</td>
</tr>
<tr>
<td>4</td>
<td>Valve plug seal</td>
<td>PTFE</td>
</tr>
<tr>
<td>5</td>
<td>Valve stem</td>
<td>Stainless steel AISI 316</td>
</tr>
<tr>
<td>6</td>
<td>Stem seals</td>
<td>PTFE chevrons</td>
</tr>
<tr>
<td>7</td>
<td>Stem ‘O’ ring</td>
<td>Viton</td>
</tr>
<tr>
<td>8</td>
<td>Actuator housing</td>
<td>Glass filled polyamide</td>
</tr>
<tr>
<td>9</td>
<td>Piston</td>
<td>Glass filled polyamide</td>
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<tr>
<td>10</td>
<td>Piston lip seal</td>
<td>Viton</td>
</tr>
<tr>
<td>11</td>
<td>Gasket</td>
<td>PTFE</td>
</tr>
<tr>
<td>12</td>
<td>‘O’ ring</td>
<td>Viton</td>
</tr>
</tbody>
</table>
## PF6 Series
### Stainless Steel Piston Actuated On/Off Valves

**ΔPMX** - Maximum differential pressures for PF6 piston actuated valves

*Notes:*
1. Maximum differential pressure for saturated steam service is 130 psig.
2. Sanitary clamp connections are limited to PN10 pressure rating.
3. ANSI flange connections are limited to ANSI 150 pressure rating.

### PF6 G-NC (Normally closed)

<table>
<thead>
<tr>
<th>Model</th>
<th>Valve size</th>
<th>Actuator diameter (mm)</th>
<th>Flow direction (port 1 to 2)</th>
<th>Maximum differential pressure (psig)</th>
<th>Pilot Pressure Minimum (psig)</th>
<th>Maximum (psig)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PF6_G-1NC</td>
<td>1/2&quot;</td>
<td>45</td>
<td>over seat</td>
<td>230</td>
<td>26</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td>3/4&quot;</td>
<td>63</td>
<td>over seat</td>
<td>290</td>
<td>22</td>
<td>150</td>
</tr>
<tr>
<td>PF6_G-2NC</td>
<td>1&quot;</td>
<td>63</td>
<td>over seat</td>
<td>230</td>
<td>22</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td>1-1/4&quot;</td>
<td>63</td>
<td>over seat</td>
<td>230</td>
<td>41</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td>1-1/2&quot;</td>
<td>63</td>
<td>over seat</td>
<td>230</td>
<td>41</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td>2&quot;</td>
<td>63</td>
<td>over seat</td>
<td>160</td>
<td>41</td>
<td>150</td>
</tr>
<tr>
<td>PF6_G-3NC</td>
<td>1&quot;</td>
<td>90</td>
<td>over seat</td>
<td>230</td>
<td>15</td>
<td>115</td>
</tr>
<tr>
<td></td>
<td>1-1/4&quot;</td>
<td>90</td>
<td>over seat</td>
<td>230</td>
<td>41</td>
<td>115</td>
</tr>
<tr>
<td></td>
<td>1-1/2&quot;</td>
<td>90</td>
<td>over seat</td>
<td>230</td>
<td>41</td>
<td>115</td>
</tr>
<tr>
<td></td>
<td>2&quot;</td>
<td>90</td>
<td>over seat</td>
<td>220</td>
<td>41</td>
<td>115</td>
</tr>
</tbody>
</table>

* See Notes at the top of this page

### PF6 G-NO (Normally open)

<table>
<thead>
<tr>
<th>Model</th>
<th>Valve size</th>
<th>Actuator diameter (mm)</th>
<th>Flow direction (port 2 to 1)</th>
<th>Maximum differential pressure (psig)</th>
<th>Pilot Pressure Minimum (psig)</th>
<th>Maximum (psig)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PF6_G-1NO</td>
<td>1/2&quot;</td>
<td>45</td>
<td>under seat</td>
<td>230</td>
<td>26</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td>3/4&quot;</td>
<td>63</td>
<td>under seat</td>
<td>230</td>
<td>26</td>
<td>150</td>
</tr>
<tr>
<td>PF6_G-2NO</td>
<td>1&quot;</td>
<td>63</td>
<td>under seat</td>
<td>230</td>
<td>22</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td>1-1/4&quot;</td>
<td>63</td>
<td>under seat</td>
<td>230</td>
<td>22</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td>1-1/2&quot;</td>
<td>63</td>
<td>under seat</td>
<td>230</td>
<td>22</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td>2&quot;</td>
<td>63</td>
<td>under seat</td>
<td>175</td>
<td>22</td>
<td>150</td>
</tr>
<tr>
<td>PF6_G-3NO</td>
<td>1&quot;</td>
<td>90</td>
<td>under seat</td>
<td>230</td>
<td>15</td>
<td>115</td>
</tr>
<tr>
<td></td>
<td>1-1/4&quot;</td>
<td>90</td>
<td>under seat</td>
<td>230</td>
<td>15</td>
<td>115</td>
</tr>
<tr>
<td></td>
<td>1-1/2&quot;</td>
<td>90</td>
<td>under seat</td>
<td>230</td>
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<td>115</td>
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<tr>
<td></td>
<td>2&quot;</td>
<td>90</td>
<td>under seat</td>
<td>230</td>
<td>15</td>
<td>115</td>
</tr>
</tbody>
</table>

* See Notes at the top of this page

### PF6 G-BD (Bi-Directional normally closed)

<table>
<thead>
<tr>
<th>Model</th>
<th>Valve size</th>
<th>Actuator diameter (mm)</th>
<th>Flow direction (port 1 to 2)</th>
<th>Maximum differential pressure (port 1 to 2) (psig)</th>
<th>Flow direction (port 2 to 1)</th>
<th>Maximum differential pressure (port 2 to 1) (psig)</th>
<th>Pilot Pressure Minimum (psig)</th>
<th>Maximum (psig)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PF6_G-1BD</td>
<td>1/2&quot;</td>
<td>45</td>
<td>over seat</td>
<td>230</td>
<td>under seat</td>
<td>230</td>
<td>60</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td>3/4&quot;</td>
<td>63</td>
<td>over seat</td>
<td>230</td>
<td>under seat</td>
<td>230</td>
<td>55</td>
<td>150</td>
</tr>
<tr>
<td>PF6_G-2BD</td>
<td>1&quot;</td>
<td>63</td>
<td>over seat</td>
<td>230</td>
<td>under seat</td>
<td>230</td>
<td>55</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td>1-1/4&quot;</td>
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<td>over seat</td>
<td>230</td>
<td>under seat</td>
<td>160</td>
<td>55</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td>1-1/2&quot;</td>
<td>63</td>
<td>over seat</td>
<td>230</td>
<td>under seat</td>
<td>87</td>
<td>55</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td>2&quot;</td>
<td>63</td>
<td>over seat</td>
<td>175</td>
<td>under seat</td>
<td>60</td>
<td>55</td>
<td>150</td>
</tr>
<tr>
<td>PF6_G-3BD</td>
<td>1&quot;</td>
<td>90</td>
<td>over seat</td>
<td>115</td>
<td>under seat</td>
<td>36</td>
<td>55</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td>1-1/4&quot;</td>
<td>90</td>
<td>over seat</td>
<td>230</td>
<td>under seat</td>
<td>205</td>
<td>48</td>
<td>115</td>
</tr>
<tr>
<td></td>
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<td>48</td>
<td>115</td>
</tr>
<tr>
<td></td>
<td>2&quot;</td>
<td>90</td>
<td>over seat</td>
<td>205</td>
<td>under seat</td>
<td>73</td>
<td>48</td>
<td>115</td>
</tr>
</tbody>
</table>

* See Notes at the top of this page
PF6 Series
Stainless Steel Piston Actuated On/Off Valves

Pilot / media pressure relationship

PF6_G-NC (Normally Closed)
PF6_G-1NC flow over seat (1 to 2)

PF6_G-2 NC flow over seat (1 to 2)

PF6_G-3 NC flow over seat (1 to 2)

PF6_G-BD (Bi-Directional normally closed)
PF6_G-1BD flow over seat (1 to 2)

PF6_G-2BD flow over seat (1 to 2)

PF6_G-3BD flow over seat (1 to 2)
# PF6 Series
Stainless Steel Piston Actuated On/Off Valves

## Dimensions and weights (approximate) in inches and lbs.

<table>
<thead>
<tr>
<th>Valve size</th>
<th>Actuator type and size</th>
<th>Screwed, socket weld and butt weld</th>
<th>Sanitary clamp (to ISO 2852)</th>
<th>Flanged</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A1</td>
<td>B1</td>
<td>C</td>
<td>D†</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>1 (45 mm)</td>
<td>2.56</td>
<td>5.67</td>
<td>4.85</td>
</tr>
<tr>
<td></td>
<td>2 (63 mm)</td>
<td>2.56</td>
<td>5.76</td>
<td>6.74</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>1 (45 mm)</td>
<td>2.96</td>
<td>6.11</td>
<td>4.97</td>
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<td></td>
<td>2 (63 mm)</td>
<td>2.96</td>
<td>7.60</td>
<td>6.93</td>
</tr>
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<td>1&quot;</td>
<td>1 (45 mm)</td>
<td>3.55</td>
<td>8.35</td>
<td>7.29</td>
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<td>2 (63 mm)</td>
<td>3.55</td>
<td>8.79</td>
<td>7.72</td>
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<td>1-1/4&quot;</td>
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<td>4.33</td>
<td>8.87</td>
<td>7.60</td>
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<td>3 (90 mm)</td>
<td>4.33</td>
<td>9.22</td>
<td>7.96</td>
</tr>
<tr>
<td>1-1/2&quot;</td>
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<td>4.73</td>
<td>9.06</td>
<td>7.80</td>
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<td>3 (90 mm)</td>
<td>4.73</td>
<td>9.42</td>
<td>8.16</td>
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<td>2&quot;</td>
<td>2 (63 mm)</td>
<td>5.91</td>
<td>9.77</td>
<td>8.16</td>
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<td></td>
<td>3 (90 mm)</td>
<td>5.91</td>
<td>10.13</td>
<td>8.51</td>
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</tbody>
</table>

**Notes:**
- * Add 0.5 lbs. for travel switch or flow regulator options (not available for use with the Type 1 actuator).
- † Dimension ‘D’ is for socket weld connections only.

* Travel switch
* Flow regulator

![Diagram of Valve 1](image1)
![Diagram of Valve 2](image2)
**PF6 Series**

**Stainless Steel Piston Actuated On/Off Valves**

**Valve selection guide**

<table>
<thead>
<tr>
<th>Valve type</th>
<th>P = Piston valve</th>
<th>P</th>
</tr>
</thead>
<tbody>
<tr>
<td>Valve characteristic</td>
<td>F = Fast opening</td>
<td>F</td>
</tr>
<tr>
<td>Body material</td>
<td>6 = Stainless steel</td>
<td>G</td>
</tr>
<tr>
<td>Connections</td>
<td>1 = BSP or NPT</td>
<td>G</td>
</tr>
<tr>
<td></td>
<td>3 = Flanged</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>EN 1092 or ANSI Class 150 (welded on flanges)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 = Sanitary clamp</td>
<td>ISO 2852</td>
</tr>
<tr>
<td>Valve plug seal</td>
<td>G = PTFE</td>
<td>G</td>
</tr>
<tr>
<td>Actuator type</td>
<td>1 = 45 mm diameter</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>2 = 63 mm diameter</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3 = 90 mm diameter</td>
<td></td>
</tr>
<tr>
<td>Valve position</td>
<td>NC = Normally Closed</td>
<td>NC</td>
</tr>
<tr>
<td></td>
<td>NO = Normally Open</td>
<td></td>
</tr>
<tr>
<td></td>
<td>BD = Bi-Directional</td>
<td></td>
</tr>
<tr>
<td>Valve size</td>
<td>1/2&quot;, 3/4&quot;, 1&quot;, 1-1/4&quot;, 1-1/2&quot;, 2&quot;</td>
<td>1*D</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Optional</th>
<th>I = Travel switch</th>
<th>I</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Provides indication of open or closed valve position through a magnetic reed switch with volt free contacts.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Maximum rating: Voltage (V) = 500 V, Current (I) = 0.5 A, Power (P) = 30 VA.</td>
<td></td>
</tr>
<tr>
<td>R = Flow regulator</td>
<td>Available on Type 2 and Type 3 actuators with suffix ‘I’ if this option is required. Provides manual control of maximum flow through the valve. Can also provide manual shut-off on normally open valves. Available on Type 2 and Type 3 actuators with suffix ‘R’ if this option is required.</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Shaded areas represent fixed parameters

**Valve selection guide example**

<table>
<thead>
<tr>
<th>PF6</th>
<th>1</th>
<th>G</th>
<th>2 NC</th>
<th>1* NPT</th>
<th>I</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS, 63mm, Normally Closed, NPT TravelSwitch</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**How to order**

**Example:** 1 of Spirax Sarco PF61G-2NC-1" NPT-I stainless steel piston actuated on/off valve having NPT connections, with travel switch

**Spare parts**

A seal kit is available for all valve and actuator sizes comprising: Piston lip seal, stem ‘O’ ring, valve head seal (PTFE), body seal and ‘O’ ring.

**How to order spare seal kits**

Always order spares by specifying the valve size, type and date code (given on the actuator label i.e. 120 = week 12, year 2000).

**Example:** 1 of Seal kit for a 1" PF61G-2NC, date code 120.

**Safety information, installation and maintenance**

For full details, see the Installation and Maintenance Instructions supplied with the product.

**Installation note:** These valves can be mounted in any orientation. The actuator can be rotated 360° in the direction indicated on the product label to facilitate easy pilot mounting connection.
PF6 Series
Stainless Steel Piston Actuated On/Off Valves

Associated equipment

Pilot solenoid
Type DM 3-port two way electropneumatic pilot solenoid valve that can be directly mounted (banjo connection) to the PF61G-NC, NO and BD series piston actuated valves to provide actuator pilot pressure to open normally closed or close normally open valves. Suitable for air or water operating media. The valve is supplied with a DIN connector. For full details refer to the relevant Technical Information Sheet.

Available types

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Actuator</th>
<th>Frequency/Voltage</th>
<th>Actuator Connection</th>
<th>Line Connection</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM11N</td>
<td>1</td>
<td>45 mm</td>
<td>230/50 or 240/60 Vac</td>
<td>1/8” BSP</td>
<td>1/8” NPT</td>
</tr>
<tr>
<td>DM12N</td>
<td>1</td>
<td>45 mm</td>
<td>110/50 or 120/60 Vac</td>
<td>1/8” BSP</td>
<td>1/8” NPT</td>
</tr>
<tr>
<td>DM13N</td>
<td>1</td>
<td>45 mm</td>
<td>24/50 or 24/60 Vac</td>
<td>1/8” BSP</td>
<td>1/8” NPT</td>
</tr>
<tr>
<td>DM14N</td>
<td>1</td>
<td>45 mm</td>
<td>24 Vdc</td>
<td>1/8” BSP</td>
<td>1/8” NPT</td>
</tr>
<tr>
<td>DM21N</td>
<td>2</td>
<td>63 mm</td>
<td>230/50 or 240/60 Vac</td>
<td>1/4” BSP</td>
<td>1/8” NPT</td>
</tr>
<tr>
<td>DM22N</td>
<td>2</td>
<td>63 mm</td>
<td>110/50 or 120/60 Vac</td>
<td>1/4” BSP</td>
<td>1/8” NPT</td>
</tr>
<tr>
<td>DM23N</td>
<td>2</td>
<td>63 mm</td>
<td>24/50 or 24/60 Vac</td>
<td>1/4” BSP</td>
<td>1/8” NPT</td>
</tr>
<tr>
<td>DM24N</td>
<td>2</td>
<td>63 mm</td>
<td>24 Vdc</td>
<td>1/4” BSP</td>
<td>1/8” NPT</td>
</tr>
<tr>
<td>DM31N</td>
<td>3</td>
<td>90 mm</td>
<td>230/50 or 240/60 Vac</td>
<td>1/4” BSP</td>
<td>1/8” NPT</td>
</tr>
<tr>
<td>DM32N</td>
<td>3</td>
<td>90 mm</td>
<td>110/50 or 120/60 Vac</td>
<td>1/4” BSP</td>
<td>1/8” NPT</td>
</tr>
<tr>
<td>DM33N</td>
<td>3</td>
<td>90 mm</td>
<td>24/50 or 24/60 Vac</td>
<td>1/4” BSP</td>
<td>1/8” NPT</td>
</tr>
<tr>
<td>DM34N</td>
<td>3</td>
<td>90 mm</td>
<td>24 Vdc</td>
<td>1/4” BSP</td>
<td>1/8” NPT</td>
</tr>
</tbody>
</table>