


## **Pilot, Mechanical & Reset BXS Valves & High Flow SPR & PPV Valves (Up to and including 174 psi / 12 bar operating pressure)**



### **Superior Performance Throughout the Full Operational Range**

- BXS, SPR & PPV Valves  
●  Certified as SIL 3 Capable
- Compact Design
- Up to 174 psi / 12 bar Operating Pressure
- Arctic Service Options to -60°C
- Valve Body 316L Stainless Steel  
Aluminium Options Available
- NACE-MR-01-75 Option
- High Flow - up to 103.0 Cv
- Extensive Valve Operator Options
- NAMUR Interface with  
Multi-Function Plates (BXS Only)



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Features & Benefits



**Standard Valve  
Equipment Design & Build**

- Manufactured from 316L grade stainless steel as standard with aluminium options also available. The valves are suited for offshore and other corrosive atmospheres. Materials can be supplied compliant to NACE MR-01-75 rendering the valves suitable for sour gas media. Low temperature elastomer seals are available for low temperature arctic service applications.
- Bifold's BXS valve range offers a compact and flexible solution for low pressure applications. With over 35 common footprint modular operators, this versatile range covers a wide spectrum of actuation requirements.
- NAMUR Interface - available on 5 port configurations; supplied with multi-functional adapter plates to rotate through 90° or convert to 3/2 operation (BXS valves only).



- Bifold's SPR series spool type valves are positively sealed for low pressure applications up to 145 psi / 10 bar. Primarily designed for handling the high flow demands of large swept volume and/or fast acting valve actuators controlling pipeline ESD, process plant or similar applications, these afford a compact, light weight product with exceptional installation versatility.
- For systems where the actuator opening times are not critical and a small diameter tubing is used for the pressure supply, a smaller port block can be used for the pressure line connection. This eliminates the need for costly reducer fittings. The direction of the supply and vent tubing is also optional by the selection and orientation of direct entry or side entry port blocks.



- SPR Valves can be configured as 3/2 and 5/2. Normally Closed, Normally Open or Normally Universal. Users should note that the pilot operating pressures are higher for Normally Open configured valves.
- Bifold's PPV series poppet valves are positively sealed for low pressure applications up to 145 psi / 10 bar. This range of SIL 3 capable 1 1/2" and 2" valves offer the highest flow available in the market and satisfy the demands of large swept volume and/or fast acting valve actuators controlling pipeline ESD, process plant or similar applications. PPV Valves are available as 1, 2 or 3 port exhaust units offering exceptional versatility and flow.

Features & Benefits



Safety and Environmental Benefits

- SIL 3 capability: The product has met manufacturer design process requirements of Safety Integrity Level (SIL) 3.

Please refer to the Bifold website to see full range of SIL 3 capability certificates for the BXS, SPR & PPV.

State of the Art Testing



- Balanced valve with high safety factors to de-energise at all pressures in Normally Open and Normally Closed configurations.

- Bifold has state of the art product qualification and production equipment including flow (Cv), environment (-70°C to +180°C), function and leakage testing, and data logging.



- Tolerant to moist air in control lines.

- Products are manufactured, inspected, assembled and tested in our state of the art production facilities.


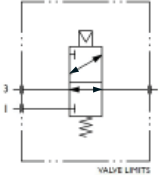
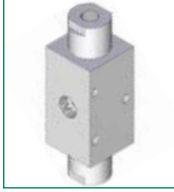
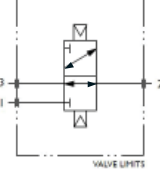
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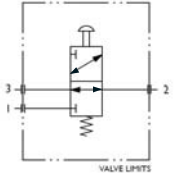
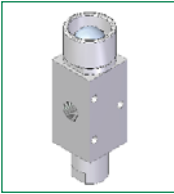
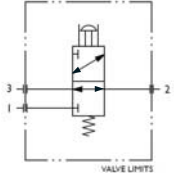

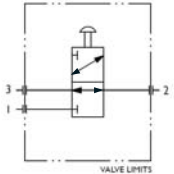

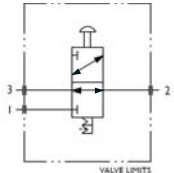

Preferred Range

**BXS PILOT VALVES - PREFERRED RANGE**

Product	Schematic Representation	Page Number	Product Code	Product Description
 <p><b>BXS</b> Pilot Valve</p>	<p>SCHEMATIC 3/2 NU</p> 	<p>15</p>	<p><b>BXS-04-04-PI-32-NU-00-V</b></p>	<p>1/4" NPT Ports, 3 Way 2 Position, Pilot Operated, Normally Universal, Spring Return.</p> <p>Cv 0.73, 174 psi / 12 bar.</p>
 <p><b>BXS</b> Pilot Valve</p>	<p>SCHEMATIC 3/2 NU</p> 	<p>15</p>	<p><b>BXS-04-04-PI-32-NU-PI-V</b></p>	<p>1/4" NPT Ports, 3 Way 2 Position, Pilot Operated, Normally Universal, Pilot Return (Bi-stable).</p> <p>Cv 0.73, 174 psi / 12 bar.</p>

Preferred Range

BXS MECHANICAL VALVES - PREFERRED RANGE

Product	Schematic Representation	Page Number	Product Code	Product Description
 <p><b>BXS</b> Mechanical Valve</p>	<p>SCHEMATIC 3/2 NU</p> 	15	<b>BXS-04-04-M1-32-NU-00-V</b>	<p>1/4" NPT Ports, 3 Way 2 Position, Push Button, Normally Universal, Spring Return.</p> <p>Cv 0.73, 174 psi / 12 bar.</p>
 <p><b>BXS</b> Mechanical Valve</p>	<p>SCHEMATIC 3/2 NU</p> 	15	<b>BXS-04-04-M2-32-NU-00-V</b>	<p>1/4" NPT Ports, 3 Way 2 Position, Shrouded Button, Normally Universal, Spring Return.</p> <p>Cv 0.73, 174 psi / 12 bar.</p>
 <p><b>BXS</b> Mechanical Valve</p>	<p>SCHEMATIC 3/2 NU</p> 	15	<b>BXS-04-04-M3-32-NU-04-V</b>	<p>1/4" NPT Ports, 3 Way 2 Position, Push / Pull Operated, Normally Universal (Bi-stable).</p> <p>Cv 0.73, 174 psi / 12 bar.</p>
 <p><b>BXS</b> Mechanical Valve</p>	<p>SCHEMATIC 3/2 NU</p> 	15	<b>BXS-04-04-M3-32-NU-05-V</b>	<p>1/4" NPT Ports, 3 Way 2 Position, Push / Pull Button, Normally Universal, Detented.</p> <p>Cv 0.73, 174 psi / 12 bar.</p>
 <p><b>BXS</b> Mechanical Valve</p>	<p>SCHEMATIC 3/2 NU</p> 	15	<b>BXS-04-04-M13-32-NU-00-V</b>	<p>1/4" NPT Ports, 3 Way 2 Position, Cam Operated, Normally Universal, Spring Return.</p> <p>Cv 0.73, 174 psi / 12 bar.</p>


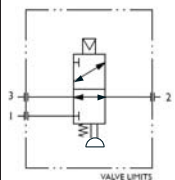

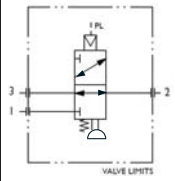
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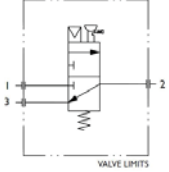

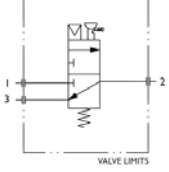

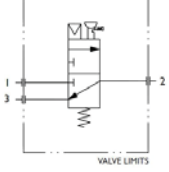

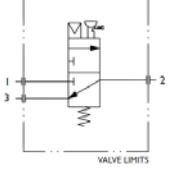
Preferred Range

**BXS RESET VALVES - PREFERRED RANGE**

Product	Schematic Representation	Page Number	Product Code	Product Description
 <p><b>BXS</b> Reset Valve</p>	<p>SCHEMATIC 3/2 NU</p> 	15	<b>BXS-04-04-P1-32-NU-MI5-V</b>	<p>1/4" NPT Ports, 3 Way 2 Position, Pull Button or Pilot Pressure to Operate, Normally Universal, Spring Return.</p> <p>Cv 0.73, 174 psi / 12 bar.</p>
 <p><b>BXS</b> Reset Valve</p>	<p>SCHEMATIC 3/2 NU</p> 	15	<b>BXS-04-04-P9-32-NC-MI5-V</b>	<p>1/4" NPT Ports, 3 Way 2 Position, Pull Button to Operate, Air Latch Pilot, Normally Closed, Spring Return.</p> <p>Cv 0.73, 174 psi / 12 bar.</p>

Preferred Range

SJJE06 & HSJJE06 RESET VALVES - PREFERRED RANGE

Product	Schematic Representation	Page Number	Product Code	Product Description
 <p><b>SJJE06</b> Gaseous Service Reset Valve</p>	<p>SCHEMATIC 3/2 NC</p> 	18	<b>SJJE06-P1-32-NC-M16-K54</b>	<p>1/4" NPT Ports, 3 Way 2 Position, Pull Button or Pilot Pressure to Operate, Preliminary Latch Pin, Normally Closed, Spring Return.</p> <p>Cv 0.73, 145 psi / 10 bar.</p>
 <p><b>SJJE06</b> Gaseous Service Reset Valve</p>	<p>SCHEMATIC 3/2 NC</p> 	18	<b>SJJE06-P9-32-NC-M16-K54</b>	<p>1/4" NPT Ports, 3 Way 2 Position, Pull Button to Operate, Preliminary Latch Pin, Air Latch Pilot, Normally Closed, Spring Return.</p> <p>Cv 0.73, 145 psi / 10 bar.</p>
 <p><b>HSJJE06</b> Hydraulic Service Reset Valve</p>	<p>SCHEMATIC 3/2 NC</p> 	18	<b>HSJJE06-P1-32-NC-M16-K54</b>	<p>1/4" NPT Ports, 3 Way 2 Position, Pull Button or Pilot Pressure to Operate, Preliminary Latch Pin, Normally Closed, Spring Return.</p> <p>Cv 0.73, 116 psi / 8 bar.</p>
 <p><b>HSJJE06</b> Hydraulic Service Reset Valve</p>	<p>SCHEMATIC 3/2 NC</p> 	18	<b>HSJJE06-P92-32-NC-M16-K54</b>	<p>1/4" NPT Ports, 3 Way 2 Position, Pull Button to Operate, Preliminary Latch Pin, Air Latch Pilot, Normally Closed, Spring Return.</p> <p>Cv 0.73, 116 psi / 8 bar.</p>

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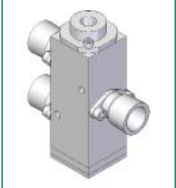
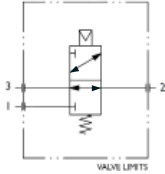
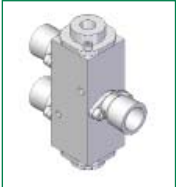
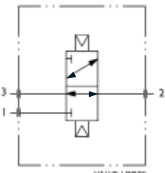
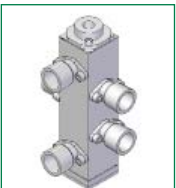
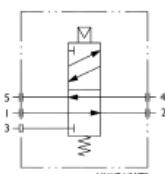
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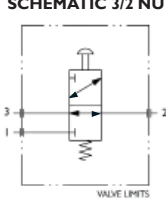

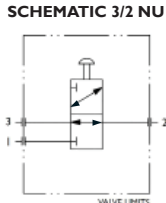
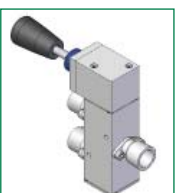
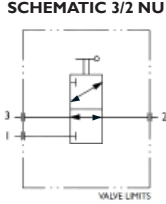
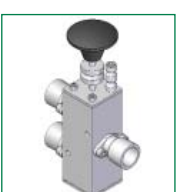
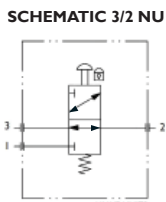
Preferred Range

SPR HIGH FLOW PILOT VALVES - PREFERRED RANGE

Product	Schematic Representation	Page Number	Product Code	Product Description
 <p><b>SPR</b> High Flow Pilot Valve</p>	<p>SCHEMATIC 3/2 NU</p> 	19	SPR-08-08-PI-32-NU-00-V	<p>1/2" NPT Ports, 3 Way 2 Position, Pilot Operated, Normally Universal, Spring Return.</p> <p>Cv 3.9, 145 psi / 10 bar.</p>
 <p><b>SPR</b> High Flow Pilot Valve</p>	<p>SCHEMATIC 3/2 NU</p> 	19	SPR-08-08-PI-32-NU-PI-V	<p>1/2" NPT Ports, 3 Way 2 Position, Pilot Operated, Normally Universal, Pilot Return (Bi-stable).</p> <p>Cv 3.9, 145 psi / 10 bar.</p>
 <p><b>SPR</b> High Flow Pilot Valve</p>	<p>SCHEMATIC 5/2</p> 	20	SPR-08-08-PI-52-XX-00-V	<p>1/2" NPT Ports, 5 Way 2 Position, Pilot Operated, Spring Return.</p> <p>Cv 3.9, 145 psi / 10 bar.</p>

Preferred Range

SPR HIGH FLOW MECHANICAL VALVES - PREFERRED RANGE

Product	Schematic Representation	Page Number	Product Code	Product Description
 <p><b>SPR</b> High Flow Mechanical Valve</p>	<p>SCHEMATIC 3/2 NU</p> 	19	<b>SPR-08-08-M1-32-NU-00-V</b>	<p>1/2" NPT Ports, 3 Way 2 Position, Push Button, Normally Universal, Spring Return.</p> <p>Cv 3.9, 145 psi / 10 bar.</p>
 <p><b>SPR</b> High Flow Mechanical Valve</p>	<p>SCHEMATIC 3/2 NU</p> 	19	<b>SPR-08-08-M3-32-NU-04-V</b>	<p>1/2" NPT Ports, 3 Way 2 Position, Push/Pull Operated, Normally Universal (Bi-stable).</p> <p>Cv 3.9, 145 psi / 10 bar.</p>
 <p><b>SPR</b> High Flow Mechanical Valve</p>	<p>SCHEMATIC 3/2 NU</p> 	19	<b>SPR-08-08-M6-32-NU-04-V</b>	<p>1/2" NPT Ports, 3 Way 2 Position, Lever Operated, Normally Universal (Bi-stable).</p> <p>Cv 3.9, 145 psi / 10 bar.</p>
 <p><b>SPR</b> High Flow Mechanical Valve</p>	<p>SCHEMATIC 3/2 NU</p> 	19	<b>SPR-08-08-M9/I-32-NU-00-V</b>	<p>1/2" NPT Ports, 3 Way 2 Position, Padlockable Push Button, Normally Universal, Spring Return.</p> <p>Cv 3.9, 145 psi / 10 bar.</p>

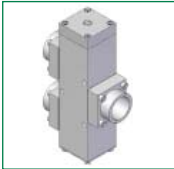
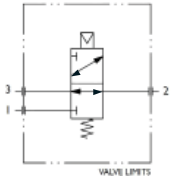
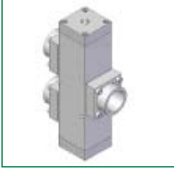
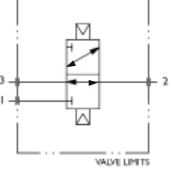
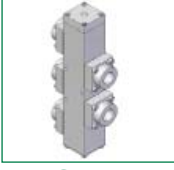
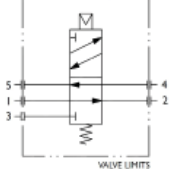
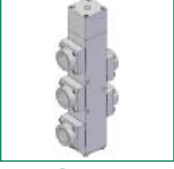
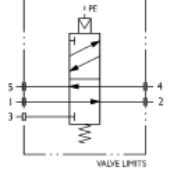
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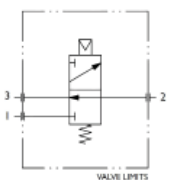
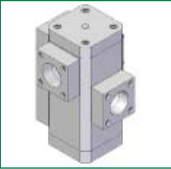
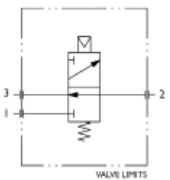
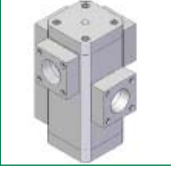
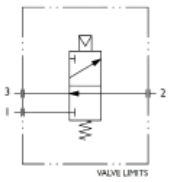
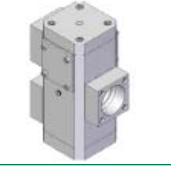
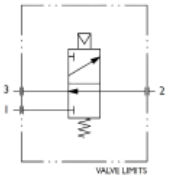
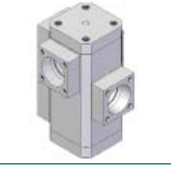
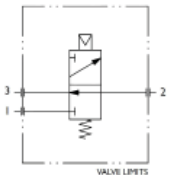
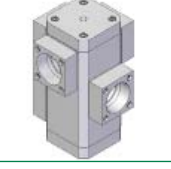
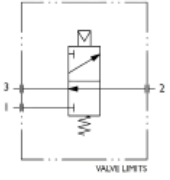
Preferred Range

SPR HIGH FLOW PILOT VALVES - PREFERRED RANGE

Product	Schematic Representation	Page Number	Product Code	Product Description
 <p><b>SPR</b> High Flow Pilot Valve</p>	<p>SCHEMATIC 3/2 NU</p> 	21	<b>SPR-16-16-PI-32-NU-00-V</b>	<p>1" NPT Ports, 3 Way 2 Position, Pilot Operated, Normally Universal, Spring Return.</p> <p>Cv 11.1, 145 psi / 10 bar.</p>
 <p><b>SPR</b> High Flow Pilot Valve</p>	<p>SCHEMATIC 3/2 NU</p> 	21	<b>SPR-16-16-PI-32-NU-PI-V</b>	<p>1" NPT Ports, 3 Way 2 Position, Pilot Operated, Normally Universal, Pilot Return (Bi-stable).</p> <p>Cv 11.1, 145 psi / 10 bar.</p>
 <p><b>SPR</b> High Flow Pilot Valve</p>	<p>SCHEMATIC 5/2</p> 	22	<b>SPR-16-16-PI-52-XX-00-V</b>	<p>1" NPT Ports, 5 Way 2 Position, Pilot Operated, Spring Return.</p> <p>Cv 11.1, 145 psi / 10 bar.</p>
 <p><b>SPR</b> High Flow Pilot Valve</p>	<p>SCHEMATIC 5/2</p> 	22	<b>SPR-16-16-PI-52-XX-00-V</b>	<p>1" NPT Ports, 5 Way 2 Position, Pilot Operated (Equaliser), Spring Return.</p> <p>Cv 11.1, 145 psi / 10 bar.</p>

Preferred Range

PPV HIGH FLOW PILOT VALVES - PREFERRED RANGE

Product	Schematic Representation	Page Number	Product Code	Product Description
 <p><b>PPV</b> High Flow Pilot Valve</p>	<p>SCHEMATIC 3/2 NC</p> 	23	<b>PPV-32-24-PI-32-NC-00-V-E-K54</b>	<p>1 1/2" NPT Ports, 3 Way 2 Position, Pilot Operated, Normally Closed, Spring Return, Single Exhaust.</p> <p>Cv 37.0, 145 psi / 10 bar. Cv 37.0, 145 psi / 10 bar (Exhaust).</p>
 <p><b>PPV</b> High Flow Pilot Valve</p>	<p>SCHEMATIC 3/2 NC</p> 	23	<b>PPV-32-24-PI-32-NC-00-V-EE-K54</b>	<p>1 1/2" NPT Ports, 3 Way 2 Position, Pilot Operated, Normally Closed, Spring Return, Double Exhaust.</p> <p>Cv 37.0, 145 psi / 10 bar. Cv 50.0, 145 psi / 10 bar (Exhaust).</p>
 <p><b>PPV</b> High Flow Pilot Valve</p>	<p>SCHEMATIC 3/2 NC</p> 	23	<b>PPV-32-24-PI-32-NC-00-V-EEE-K54</b>	<p>1 1/2" NPT Ports, 3 Way 2 Position, Pilot Operated, Normally Closed, Spring Return, Triple Exhaust.</p> <p>Cv 37.0, 145 psi / 10 bar. Cv 58.0, 145 psi / 10 bar (Exhaust).</p>
 <p><b>PPV</b> High Flow Pilot Valve</p>	<p>SCHEMATIC 3/2 NC</p> 	23	<b>PPV-32-32-PI-32-NC-00-V-E-K54</b>	<p>2" NPT Ports, 3 Way 2 Position, Pilot Operated, Normally Closed, Spring Return, Single Exhaust.</p> <p>Cv 61.6, 145 psi / 10 bar. Cv 61.6, 145 psi / 10 bar (Exhaust).</p>
 <p><b>PPV</b> High Flow Pilot Valve</p>	<p>SCHEMATIC 3/2 NC</p> 	23	<b>PPV-32-32-PI-32-NC-00-V-EE-K54</b>	<p>2" NPT Ports, 3 Way 2 Position, Pilot Operated, Normally Closed, Spring Return, Double Exhaust.</p> <p>Cv 61.6, 145 psi / 10 bar. Cv 94.6, 145 psi / 10 bar (Exhaust).</p>
 <p><b>PPV</b> High Flow Pilot Valve</p>	<p>SCHEMATIC 3/2 NC</p> 	23	<b>PPV-32-32-PI-32-NC-00-V-EEE-K54</b>	<p>2" NPT Ports, 3 Way 2 Position, Pilot Operated, Normally Closed, Spring Return, Triple Exhaust.</p> <p>Cv 61.6, 145 psi / 10 bar. Cv 103.0, 145 psi / 10 bar (Exhaust).</p>

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## BXS Overview

### Materials of Construction

Valve:	316L stainless steel as standard with aluminium options also available.
Seat Materials:	Viton as standard. Alternative elastomers available for extreme conditions.
Springs:	UNS R30003 and 316L stainless steel.
Ports:	1/4" thread milled NPT (BSPP options available).

### Certification & Approvals



SIL 3 capability: The product has met manufacturer design process requirements of Safety Integrity Level (SIL) 3 in accordance with IEC 61508.

### Flow Performance

0.73 Cv.

### Operating Media

- Filtered air.
- Inert gas.
- Sweet or sour gas.
- Water and water glycol.
- Mineral Oil.

Bifold BXS valves must be installed, operated and maintained in accordance with the relevant Bifold installation, operating and maintenance instructions, relevant installation rules, regulations and codes of practice.

## SPR Overview

### Materials of Construction

Valve:	316L stainless steel as standard with aluminium options also available.
Fasteners:	Metric A4 18/10 316L stainless steel.
Seat Materials:	Viton as standard. Alternative elastomers available for extreme conditions.
Springs:	UNS R30003 and 316L stainless steel.
Ports:	1/4", 3/8", 1/2", 3/4" & 1" thread milled NPT (BSPP options available).

### Certification & Approvals



SIL 3 capability: The product has met manufacturer design process requirements of Safety Integrity Level (SIL) 3 in accordance with IEC 61508.

### Flow Performance

1/2"	3.9 Cv.
1"	11.1 Cv.

### Operating Media

- Filtered air.
- Inert gas.
- Sweet or sour gas.

For more information, please contact Bifold Sales Department.

### Temperature Rating

-15°C to +130°C (Standard).  
-25°C to +130°C (Low Temperature).  
-55°C to +130°C (Arctic service option).

### Operating Pressure

0 - 174 psi / 12 bar mainstage working pressure.  
00 - Spring Return Pneumatic.  
32.6 psi / 2.5 bar minimum pilot pressure - 14.5 psi / 1 bar dropout.  
00/1 - Spring Return hydraulic.  
72.5 psi / 5 bar minimum pilot pressure - 36.2 psi / 2.5 bar dropout.  
P4 - Hydraulic Pilot (High Pressure).  
5000 psi / 345 bar maximum pilot pressure - 70 psi / 1015 bar minimum pilot pressure.  
P6 - Air Pilot (Low Pressure).  
18 psi / 1.25 bar minimum pilot pressure - 7 psi / 0.5 bar dropout.

### Temperature Rating

-20°C to +120°C (Standard).  
-60°C to +100°C (Arctic service option).

### Operating Pressure

0 - 145 psi / 10 bar mainstage working pressure.  
P1 - Air Pilot (Standard).  
43.5 psi / 3 bar - Minimum Pilot Pressure - Normally Closed.  
72.5 psi / 5 bar - Minimum Pilot Pressure - Normally Open.  
P6 - Air Pilot (Low Pressure).  
14.5 psi / 1 bar - Normally Closed & Normally Open.  
P16 - Air Pilot (Equalizer).  
43.5 psi / 3 bar - Normally Closed & Normally Open.

## PPV Overview

### Materials of Construction

Valve: 316L stainless steel as standard with aluminium options also available.  
 Fasteners: Metric A4 18/10 316L stainless steel.  
 Seat Materials: Viton as standard. Alternative elastomers available for extreme conditions.  
 Springs: UNS R30003 and 316L stainless steel.  
 Ports: 1½" & 2" thread milled NPT (BSPP options available).

### Certification & Approvals



SIL 3 capability: The product has met manufacturer design process requirements of Safety Integrity Level (SIL) 3 in accordance with IEC 61508.

### Operating Pressure

0 -145 psi / 10 bar mainstage working pressure.  
 29.0 psi / 2 bar minimum pilot pressure.

### Operating Media

- Filtered air.
- Sweet or sour gas.
- Inert gas.

For more information, please contact Bifold Sales Department.

## Port Connections

### Port Connections for 3/2 (BXS, (H)SJJ06 & SPR)

PORT CONNECTIONS TABLE			
Configuration	Pressure	Service	Vent
Normally Closed	1	2	3
Normally Open	3	2	1

For port connections please refer to selection chart ordering example pages 15, 18, 19 & 21.

### Port Connections for 3/2 (PPV)

PORT CONNECTIONS TABLE			
Configuration	Pressure	Service	Vent
Normally Closed	1	2	3

For port connections please refer to selection chart ordering example page 23.

### Temperature Rating

-25°C to +170°C (Standard).  
 -60°C to +160°C (Arctic service option).

### Flow Performance

1½"	37 Cv	E	Single Exhaust - 37.0 Cv.
		EE	Double Exhaust - 50.0 Cv.
		EEE	Triple Exhaust - 58.0 Cv.
2"	61.6 Cv	E	Single Exhaust - 61.6 Cv.
		EE	Double Exhaust - 94.6 Cv.
		EEE	Triple Exhaust - 103.0 Cv.

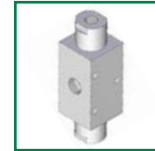
### Port Connections for 5/2 & 5/3 (BXS), & 5/2 (SPR)

PORT CONNECTIONS TABLE			
Configuration	Pressure	Service	Vent
XX	1	2 & 4	3 & 5
YY	1	2 & 4	3 & 5
ZZ	1	2 & 4	3 & 5

For port connections, please refer to selection chart ordering example on pages 16, 17, 20 & 22.

**BXS-04 3/2**

For the dimensional drawings of the BXS valves, please see pages 24, 25 & 26.



**BXS-04 Selection Chart - Ordering Example**

<b>BXS-04</b>	1/4"		Model Code
<b>04</b>	1/4" Body Ported (Stainless Steel)		Connections
<b>A04</b>	1/4" Body Ported (Aluminium)		
<b>P1</b>	Air Pilot (Standard)		Primary Operator
<b>P2</b>	Air Pilot (Side)		
<b>P3</b>	Air Pilot (Side + Manual Override)		
<b>P4</b>	Hydraulic Pilot (High Pressure)		
<b>P5</b>	Pressure Sensing Pilot		
<b>P6</b>	Air Pilot (Low Pressure)		
<b>P9</b>	Air Latch Pilot Operator		
<b>M1</b>	Push Button		
<b>M2</b>	Shrouded Push Button		
<b>M3</b>	Push / Pull Button		
<b>M5</b>	Key Operator (Direct Acting)		
<b>M5C</b>	Key Operator (Direct Acting + Coded)		
<b>M5/I</b>	Key Operator (Indirect Acting)		
<b>M5C/I</b>	Key Operator (Indirect Acting + Coded)		
<b>M7</b>	Plunger		
<b>M9</b>	Push / Pull Button (M3) with Padlock		
<b>M9/I</b>	Push Button (M1) with padlock		
<b>M13</b>	Roller Cam (Ball)		
<b>22</b>	2Way 2 Position (Only available in a NO & NC configuration)		Configuration
<b>32</b>	3Way 2 Position		
<b>NC</b>	Normally Closed (P9 option only)	(For the port connections table, please refer to page 14)	Configuration
<b>NU</b>	Normally Universal		
<b>00</b>	Spring Return Pneumatic		Secondary Operator
<b>00/1</b>	Spring Return Hydraulic		
<b>02</b>	Spring Return + Plunger		
<b>03/1</b>	Spring Return + Latch - Energised		
<b>03/2</b>	Spring Return + Latch - De-Energised		
<b>04</b>	Blank (Bi-Stable)		
<b>05</b>	Positive Detent		
<b>P1</b>	Air Pilot (Standard)		
<b>P2</b>	Air Pilot (Side)		
<b>P3</b>	Air Pilot (Side + Manual Override)		
<b>P4</b>	Hydraulic Pilot (High Pressure)		
<b>P5</b>	Pressure Sensing Pilot		
<b>P6</b>	Air Pilot (Low Pressure)		
<b>M1</b>	Push Button		
<b>M2</b>	Shrouded Push Button		
<b>M3</b>	Push / Pull Button		
<b>M7</b>	Plunger		
<b>M9</b>	Push / Pull Button (M3) with Padlock		
<b>M9/I</b>	Push Button (M1) with Padlock		
<b>M15</b>	Pull Button (Spring Return) (Only available in a NC configuration)		
<b>M17</b>	Pull Button (Spring Return) + Padlock (Only available in a NC configuration)		
<b>V</b>	Viton	(-15°C to +130°C)	O-ring Material
<b>SA</b>	Nitrile (Low Temperature)	(-25°C to +130°C)	
<b>AL</b>	Fluorosilicone	(-55°C to +130°C)	
<b>NO LETTER</b>	NPT Ports		Option
<b>K6</b>	BSP Ports		
<b>K22</b>	Extra Panel Mount Ring		Option
<b>K28</b>	Red Plastic Button		Option
<b>K54</b>	Block After Bleed (BAB)		Option
<b>BXS-04-04 - PI - 32 - NU - 00 - V - K6 - K22 - K28 - K54</b>			Ordering Example

Bespoke configured datasheets are available for specific model numbers, please contact Bifold for more information.

## BXS-04 5/2

### BXS-04 Selection Chart - Ordering Example

<b>BXS-04</b>	1/4"		Model Code
<b>04</b>	1/4" Body Ported (Stainless Steel)		Connections
<b>A04</b>	1/4" Body Ported (Aluminium)		
<b>P1</b>	Air Pilot (Standard)		Primary Operator
<b>P2</b>	Air Pilot (Side)		
<b>P3</b>	Air Pilot (Side + Manual Override)		
<b>P4</b>	Hydraulic Pilot (High Pressure)		
<b>P5</b>	Pressure Sensing Pilot		
<b>P6</b>	Air Pilot (Low Pressure)		
<b>P9</b>	Air Latch Pilot Operator		
<b>M1</b>	Push Button		
<b>M2</b>	Shrouded Push Button		
<b>M3</b>	Push / Pull Button		
<b>M5</b>	Key Operator (Direct Acting)		
<b>M5C</b>	Key Operator (Direct Acting + Coded)		
<b>M5/I</b>	Key Operator (Indirect Acting)		
<b>M5C/I</b>	Key Operator (Indirect Acting + Coded)		
<b>M7</b>	Plunger		
<b>M9</b>	Push / Pull Button (M3) with Padlock		
<b>M9/I</b>	Push Button (M1) with padlock		
<b>M13</b>	Roller Cam (Ball)		
<b>52</b>	5 Way 2 Position		Configuration
<b>53</b>	5 Way 3 Position		
<b>XX</b>	5/2 Only		Configuration
<b>YY</b>	5/3 All Ports Blocked	(For the port connections table, please refer to page 14)	
<b>ZZ</b>	5/3 Valve Cylinder Ports Vented		
<b>00</b>	Spring Return Pneumatic		Secondary Operator
<b>00/1</b>	Spring Return Hydraulic		
<b>02</b>	Spring Return + Plunger		
<b>03/1</b>	Spring Return + Latch - Energised		
<b>03/2</b>	Spring Return + Latch - De-Energised		
<b>04</b>	Blank (Bi-Stable)		
<b>05</b>	Positive Detent		
<b>P1</b>	Air Pilot (Standard)		
<b>P2</b>	Air Pilot (Side)		
<b>P3</b>	Air Pilot (Side + Manual Override)		
<b>P4</b>	Hydraulic Pilot (High Pressure)		
<b>P5</b>	Pressure Sensing Pilot		
<b>P6</b>	Air Pilot (Low Pressure)		
<b>M1</b>	Push Button		
<b>M2</b>	Shrouded Push Button		
<b>M3</b>	Push / Pull Button		
<b>M7</b>	Plunger		
<b>M9</b>	Push / Pull Button (M3) with Padlock		
<b>M9/I</b>	Push Button (M1) with Padlock		
<b>M15</b>	Pull Button (Spring Return)		
<b>M17</b>	Pull Button (Spring Return) + Padlock		
<b>V</b>	Viton	(-15°C to +130°C)	O-ring Material
<b>SA</b>	Nitrile (Low Temperature)	(-25°C to +130°C)	
<b>AL</b>	Fluorosilicone	(-55°C to +130°C)	
<b>NO LETTER</b>	NPT Ports		Option
<b>K6</b>	BSP ports		
<b>K22</b>	Extra Panel Mount Ring		Option
<b>K28</b>	Red Plastic Button		Option
<b>BXS-04-04 - P1 - 52 - XX - 00 - V - K6 - K22 - K28</b>			Ordering Example

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**BXS-04 5/2 NAMUR**

**BXS-04 Selection Chart - Ordering Example**

<b>BXS-04</b>	1/4"				Model Code
<b>N4</b>	1/4" Body Ported NAMUR (Stainless Steel)				Connections
<b>AN4</b>	1/4" Body Ported NAMUR (Aluminium)				
<b>P1</b>	Air Pilot (Standard)				Primary Operator
<b>P2</b>	Air Pilot (Side)				
<b>P3</b>	Air Pilot (Side + Manual Override)				
<b>P4</b>	Hydraulic Pilot (High Pressure)				
<b>P5</b>	Pressure Sensing Pilot				
<b>P6</b>	Air Pilot (Low Pressure)				
<b>P9</b>	Air Latch Pilot Operator				
<b>M1</b>	Push Button				
<b>M2</b>	Shrouded Push Button				
<b>M3</b>	Push / Pull Button				
<b>M5</b>	Key Operator (Direct Acting)				
<b>M5C</b>	Key Operator (Direct Acting + Coded)				
<b>M5/I</b>	Key Operator (Indirect Acting)				
<b>M5C/I</b>	Key Operator (Indirect Acting + Coded)				
<b>M7</b>	Plunger				
<b>M9</b>	Push / Pull Button (M3) with Padlock				
<b>M9/I</b>	Push Button (M1) with padlock				
<b>M13</b>	Roller Cam (Ball)				
<b>52</b>	5 Way 2 Position				Configuration
<b>53</b>	5 Way 3 Position				
<b>XX</b>	5/2 Only			(For the port connections table, please refer to page 14)	Configuration
<b>YY</b>	5/3 All Ports Blocked				
<b>ZZ</b>	5/3 Valve Cylinder Ports Vented				
<b>00</b>	Spring Return Pneumatic				Secondary Operator
<b>00/I</b>	Spring Return Hydraulic				
<b>02</b>	Spring Return + Plunger				
<b>03/I</b>	Spring Return + Latch - Energised				
<b>03/2</b>	Spring Return + Latch - De-Energised				
<b>04</b>	Blank (Bi-Stable)				
<b>05</b>	Positive Detent				
<b>P1</b>	Air Pilot (Standard)				
<b>P2</b>	Air Pilot (Side)				
<b>P3</b>	Air Pilot (Side + Manual Override)				
<b>P4</b>	Hydraulic Pilot (High Pressure)				
<b>P5</b>	Pressure Sensing Pilot				
<b>P6</b>	Air Pilot (Low Pressure)				
<b>M1</b>	Push Button				
<b>M2</b>	Shrouded Push Button				
<b>M3</b>	Push / Pull Button				
<b>M7</b>	Plunger				
<b>M9</b>	Push / Pull Button (M3) with Padlock				
<b>M9/I</b>	Push Button (M1) with Padlock				
<b>M15</b>	Pull Button (Spring Return)				
<b>M17</b>	Pull Button (Spring Return) + Padlock				
<b>V</b>	Viton	(-15°C to +130°C)			O-ring Material
<b>SA</b>	Nitrile (Low Temperature)	(-25°C to +130°C)			
<b>AL</b>	Fluorosilicone	(-55°C to +130°C)			
<b>NO LETTER</b>	NPT Ports				Option
<b>K6</b>	BSPP Ports				
<b>K22</b>	Extra Panel Mount Ring				Option
<b>K28</b>	Red Plastic Button				Option

**BXS-04-N04 - P1 - 52-XX - 00 - V - K6 - K22 - K28** Ordering Example

Bespoke configured datasheets are available for specific model numbers, please contact Bifold for more information.

**Note:**

All valves are supplied with a full set of mounting option, 3/2 & 5/2 configuration option interface blocks as standard, please see pages 34 & 35.

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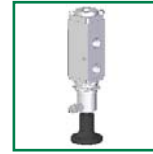
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# (H)SJJE06 3/2 Valve Range Selection Chart

## (H)SJJE06 3/2

For the dimensional drawing of the SJJE06 valve, please see page 27.



**Bifold**®

### (H)SJJE06 Selection Chart - Ordering Example

<b>SJJE06</b>	Gaseous Service	Model Code
<b>HSJJE06</b>	Hydraulic Service	
<b>PI</b>	Air Pilot (Standard)	Primary Operator
<b>P9</b>	Air Latch Pilot Operator (Only available with the SJJE06 option)	
<b>P92</b>	Air Latch Pilot Operator (Only available with the HSJJE06 option)	
<b>32</b>	3 Way 2 Position	Configuration
<b>NC</b>	Normally Closed (For the port connections table, please refer to page 14)	Configuration
<b>M16</b>	Pull Button Spring Return with Preliminary Latch & Panel Mount	Secondary Operator
<b>NO LETTER</b>	NPT Ports	Option
<b>K6</b>	BSPP Ports	
<b>K22</b>	Extra Panel Mount Ring	Option
<b>K28</b>	Red Plastic Button	Option
<b>K54</b>	Block After Bleed (BAB)	Configuration

**SJJE06 - PI - 32 - NC - M16 - K6 - K22-K28 - K54**

Ordering Example

Bespoke configured datasheets are available for specific model numbers, please contact Bifold for more information.

### Wellhead market - Pull + Pin (Latching Valve)

SJJE06-P9-32-NC-M16-K54 (Gaseous Service)  
 HSJJE06-P92-32-NC-M16-K54 (Hydraulic Service) } Pull (Spring Return Panel Mount) + Latch

### Operating Pressure

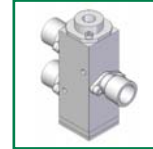
0 - 145 psi / 10 bar Pneumatic Working Pressure.  
 0 - 116 psi / 8 bar Hydraulic Working Pressure.

### Temperature Rating

-20°C to +180°C (Standard Service).

SPR-08 3/2

For the dimensional drawings of the SPR valves, please see pages 28, 29 & 30.



SPR-08 Selection Chart - Ordering Example

SPR-08 1/2" Spool Valve		Model Code
<b>06</b> <b>A06</b> <b>08</b> <b>A08</b>	3/8" Port Blocks (Stainless Steel) 3/8" Body Ported (Aluminium) 1/2" Port Blocks (Stainless Steel) 1/2" Body Ported (Aluminium)	Ports
<b>PI</b> <b>P5</b> <b>P6</b> <b>P9</b> <b>PI6</b>	Air Pilot (Standard) Pressure Sensing Pilot Air Pilot (Low Pressure) (For operating pressures, please refer to page 14) Air Latch Pilot Operator Air Pilot (Equalizer)	Primary Operator
<b>M1</b> <b>M3</b> <b>M6</b> <b>M9</b> <b>M9/I</b>	Push Button Push / Pull Button Lever Push / Pull Button (M3) with Padlock Push Button (M1) with padlock	
<b>22</b> <b>32</b>	2 Way 2 Position (Only available in a NO & NC configuration) 3 Way 2 Position	Configuration
<b>NC</b> <b>NU</b>	Normally Closed (P9 option only) (For the port connections table, please refer to page 14) Normally Universal	Configuration
<b>00</b> <b>04</b> <b>04/2</b> <b>05</b> <b>PI</b> <b>P5</b> <b>P6</b> <b>PI6</b>	Spring Return Blank (Bi-Stable) Blank + Plunger (Bi-Stable) Positive Detent Air Pilot (Standard) Pressure Sensing Pilot (For operating pressures, please refer to page 13) Air Pilot (Low Pressure) Air Pilot (Equalizer)	Secondary Operator
<b>M1</b> <b>M3</b> <b>M6</b> <b>M9</b> <b>M9/I</b> <b>M15</b> <b>M17</b>	Push Button Push / Pull Button Lever Push / Pull Button (M3) with Padlock Push Button (M1) with padlock Pull Button (Spring Return) (Only available in a NC configuration) Pull Button (Spring Return) + Padlock (Only available in a NC configuration)	
<b>V</b> <b>AL</b>	Viton (Standard) (-20°C to +120°C) Fluorosilicone (-60°C to +100°C)	O-ring Material
<b>NO LETTER</b> <b>K6</b>	NPT Ports BSPP Ports	Option
<b>K28</b>	Red Plastic Button	Option

**SPR-08-08 - PI - 32 - NU - 00 - V - K6 - K28** Ordering Example

Bespoke configured datasheets are available for specific model numbers, please contact Bifold for more information.



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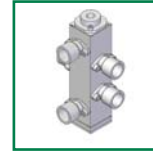
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# SPR 5/2 Valve Range Selection Chart

## SPR-08 5/2

For the dimensional drawings of the SPR valves, please see page 28.



**Bifold**®

### SPR-08 Selection Chart - Ordering Example

<b>SPR-08</b>	1/2" Spool Valve	Model Code	
<b>06</b>	3/8" Port Blocks (Stainless Steel)	Ports	
<b>A06</b>	3/8" Body Ported (Aluminium)		
<b>08</b>	1/2" Port Blocks (Stainless Steel)		
<b>A08</b>	1/2" Body Ported (Aluminium)		
<b>P1</b>	Air Pilot (Standard)	Primary Operator	
<b>P5</b>	Pressure Sensing Pilot		
<b>P6</b>	Air Pilot (Low Pressure)		(For operating pressures, please refer to page 13)
<b>P9</b>	Air Latch Pilot Operator		
<b>P16</b>	Air Pilot (Equalizer)		
<b>M1</b>	Push Button		
<b>M3</b>	Push / Pull Button		
<b>M6</b>	Lever		
<b>M9</b>	Push / Pull Button (M3) with Padlock		
<b>M9/I</b>	Push Button (M1) with padlock		
<b>52</b>	5 Way 2 Position	Configuration	
<b>XX</b>	5/2 Only	Configuration	(For the port connections table, please refer to page 13)
<b>00</b>	Spring Return	Secondary Operator	
<b>04</b>	Blank (Bi-Stable)		
<b>04/2</b>	Blank + Plunger (Bi-Stable)		
<b>05</b>	Positive Detent		
<b>P1</b>	Air Pilot (Standard)		
<b>P5</b>	Pressure Sensing Pilot		(For operating pressures, please refer to page 13)
<b>P6</b>	Air Pilot (Low Pressure)		
<b>P16</b>	Air Pilot (Equalizer)		
<b>M1</b>	Push Button		
<b>M3</b>	Push / Pull Button		
<b>M6</b>	Lever		
<b>M9</b>	Push / Pull Button (M3) with Padlock		
<b>M9/I</b>	Push Button (M1) with padlock		
<b>M15</b>	Pull Button (Spring Return) (Only available in a NC configuration)		
<b>M17</b>	Pull Button (Spring Return) + Padlock (Only available in a NC configuration)		
<b>V</b>	Viton (Standard)	O-ring Material	(-20°C to +120°C)
<b>AL</b>	Fluorosilicone		(-60°C to +100°C)
<b>NO LETTER</b>	NPT Ports	Option	
<b>K6</b>	BSPP Ports	Option	
<b>K28</b>	Red Plastic Button	Option	

**SPR-08-08 - P1 - 52 - XX - 00 - V - K6 - K28**

Ordering Example

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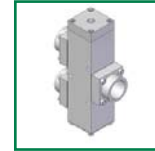
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SPR-16 3/2

For the dimensional drawings of the SPR valves, please see page 30.



SPR-16 Selection Chart - Ordering Example

<b>SPR-16</b>	1" Spool Valve	Model Code
<b>I2</b>	3/4" Port Blocks (Stainless Steel)	Ports
<b>A12</b>	3/4" Body Ported (Aluminium)	
<b>I6</b>	1" Port Blocks (Stainless Steel)	
<b>A16</b>	1" Body Ported (Aluminium)	
<b>PI</b>	Air Pilot (Standard)	Primary Operator
<b>P6</b>	Air Pilot (Low Pressure) (For operating pressures, please refer to page 14)	
<b>PI6</b>	Air Pilot (Equalizer)	
<b>32</b>	3 Way 2 Position	Configuration
<b>NU</b>	Normally Universal (For the port connections table, please refer to page 14)	Configuration
<b>00</b>	Spring Return	Secondary Operator
<b>PI</b>	Air Pilot (Standard)	
<b>P6</b>	Air Pilot (Low Pressure) (For operating pressures, please refer to page 13)	
<b>PI6</b>	Air Pilot (Equalizer)	
<b>V</b>	Viton (Standard) (-20°C to +120°C)	O-ring Material
<b>AL</b>	Fluorosilicone (-60°C to +100°C)	
<b>NO LETTER</b>	NPT Ports	Option
<b>K6</b>	BSPG Ports	

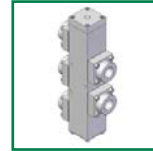
**SPR-16-I2 - PI - 32 - NU - 00 - V - K6** Ordering Example

Bespoke configured datasheets are available for specific model numbers, please contact Bifold for more information.

# SPR 5/2 Valve Range Selection Chart

## SPR-16 5/2

For the dimensional drawings of the SPR valves, please see page 31.



### SPR-16 Selection Chart - Ordering Example

SPR-16 1" Spool Valve		Model Code
<b>I2</b>	3/4" Port Blocks (Stainless Steel)	Ports
<b>A12</b>	3/4" Body Ported (Aluminium)	
<b>I6</b>	1" Port Blocks (Stainless Steel)	
<b>A16</b>	1" Body Ported (Aluminium)	
<b>PI</b>	Air Pilot (Standard)	Primary Operator
<b>P6</b>	Air Pilot (Low Pressure) (For operating pressures, please refer to page 14)	
<b>PI6</b>	Air Pilot (Equalizer)	
<b>52</b>	5 Way 2 Position	Configuration
<b>XX</b>	5/2 Only (For the port connections table, please refer to page 14)	Configuration
<b>00</b>	Spring Return	Secondary Operator
<b>PI</b>	Air Pilot (Standard)	
<b>P6</b>	Air Pilot (Low Pressure)	
<b>PI6</b>	Air Pilot (Equalizer)	O-ring Material
<b>V</b>	Viton (Standard) (-20°C to +120°C)	
<b>AL</b>	Fluorosilicone (-60°C to +100°C)	
<b>NO LETTER</b>	NPT Ports	Option
<b>K6</b>	BSPP Ports	

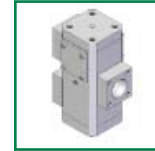
**SPR-16-I2 - PI - 52 - XX - 00 - V - K6**

Ordering Example

Bespoke configured datasheets are available for specific model numbers, please contact Bifold for more information.

PPV-32 3/2

For the dimensional drawings of the PPV valves, please see page 32 & 33.



PPV-32 Selection Chart - Ordering Example

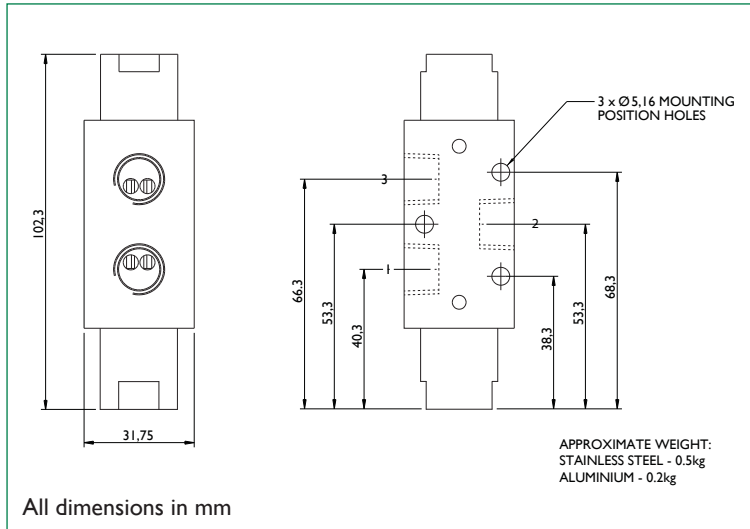
<b>PPV-32</b>	2" Pneumatic Pilot Valve	Model Code
<b>24</b> <b>A24</b> <b>32</b> <b>A32</b>	1 1/2" NPT (Stainless Steel) 1 1/2" NPT (Aluminium) 2" NPT (Stainless Steel) 2" NPT (Aluminium)	Ports
<b>PI</b>	Air Pilot (Standard)	Primary Operator
<b>22</b> <b>32</b>	2 Way 2 Position 3 Way 2 Position	Configuration
<b>NC</b>	Normally Closed (For the port connections table, please refer to page 14)	Configuration
<b>00</b>	Spring Return	Secondary Operator
<b>V</b> <b>AL</b>	Viton (Standard) (-25°C to +170°C) Fluorosilicone (-60°C to +160°C)	O-ring Material
<b>E</b> <b>EE</b> <b>EEE</b>	Single Exhaust Double Exhaust Triple Exhaust (Exhaust is only applicable with a 3/2 valve configuration)	Exhaust Options
<b>K54</b>	Block After Bleed (BAB)	Configuration

**PPV-32-24 - PI - 32 - NC - 00 - V - E - K54** Ordering Example

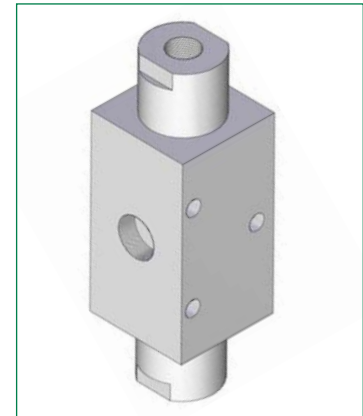
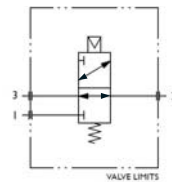
Bespoke configured datasheets are available for specific model numbers, please contact Bifold for more information.

## Dimensional Drawings

### Example Code - BXS-04-04-PI-32-NU-00-V

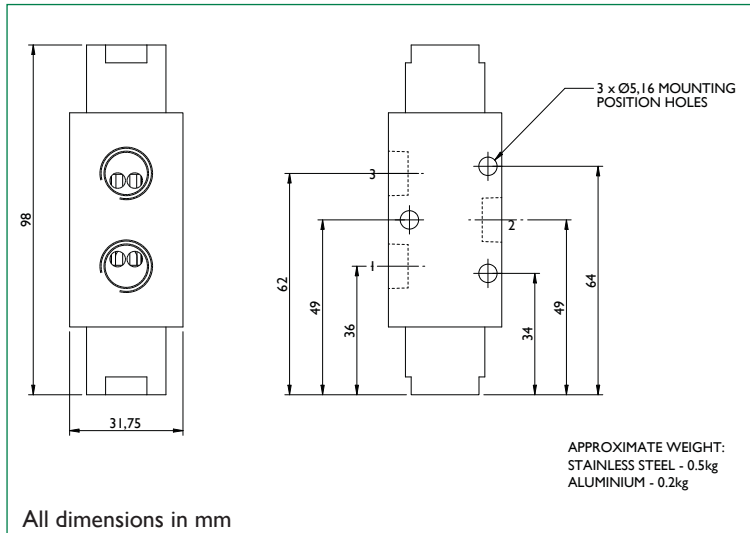


SCHEMATIC 3/2 NU

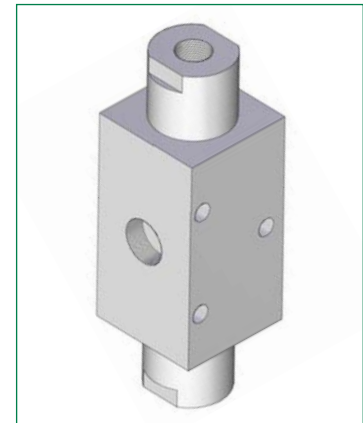
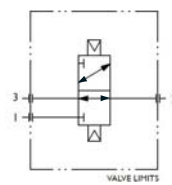


**BXS**  
Pilot Valve

### Example Code - BXS-04-04-PI-32-NU-PI-V

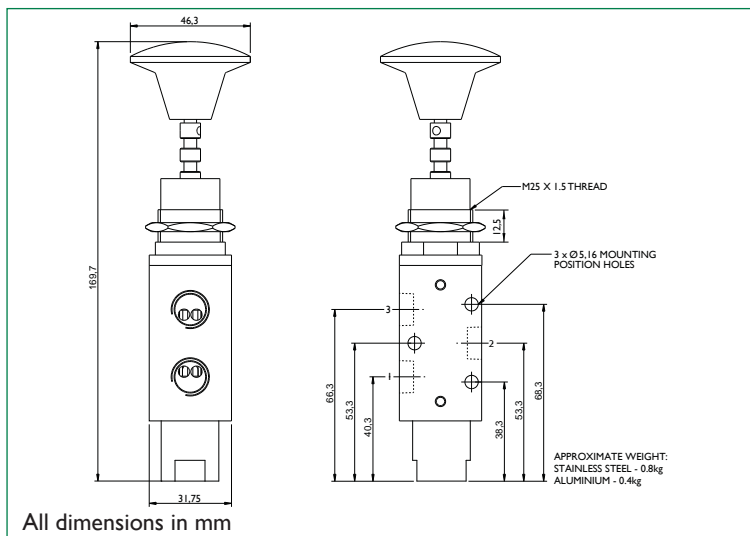


SCHEMATIC 3/2 NU

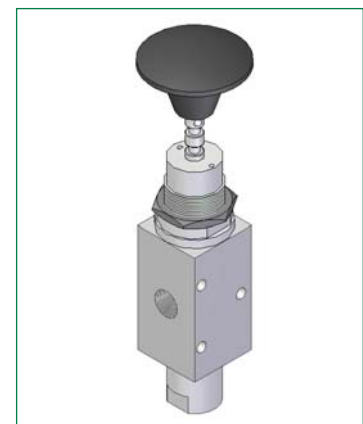
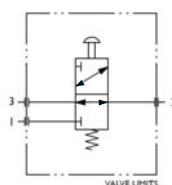


**BXS**  
Pilot Valve

### Example Code - BXS-04-04-MI-32-NU-00-V



SCHEMATIC 3/2 NU

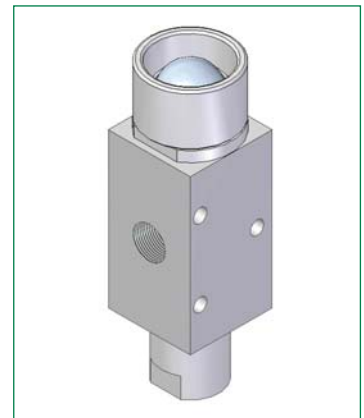
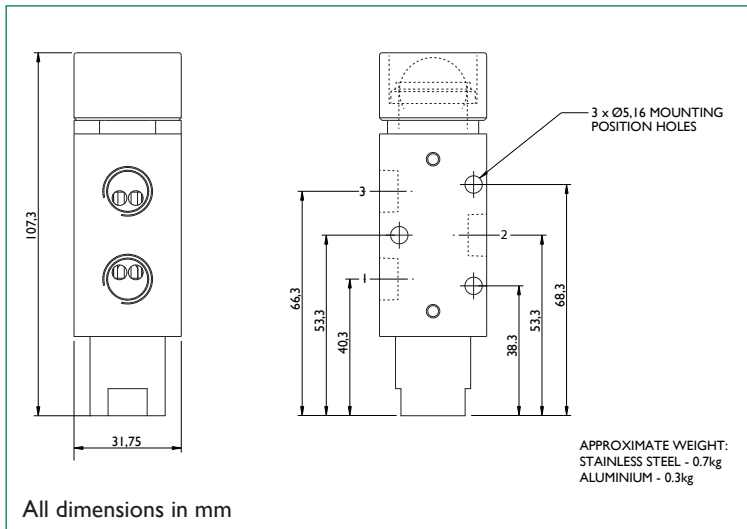


**BXS**  
Mechanical Valve



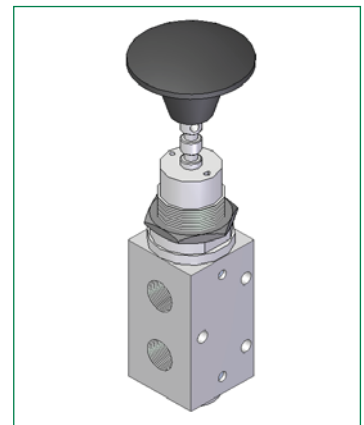
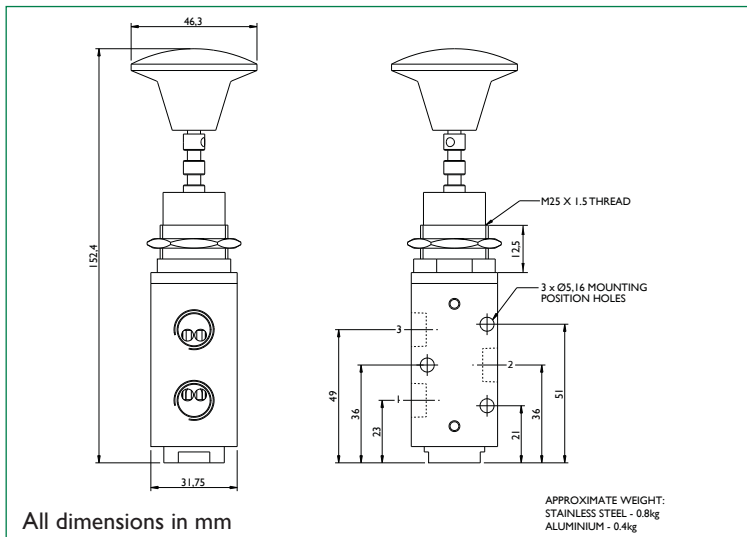
Dimensional Drawings

Example Code - BXS-04-04-M2-32-NU-00-V



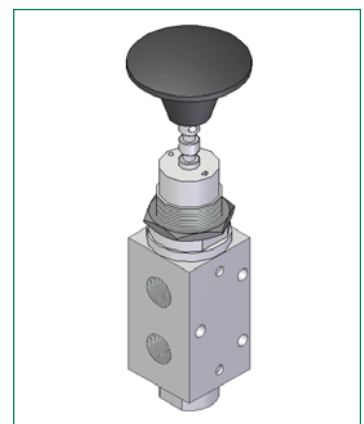
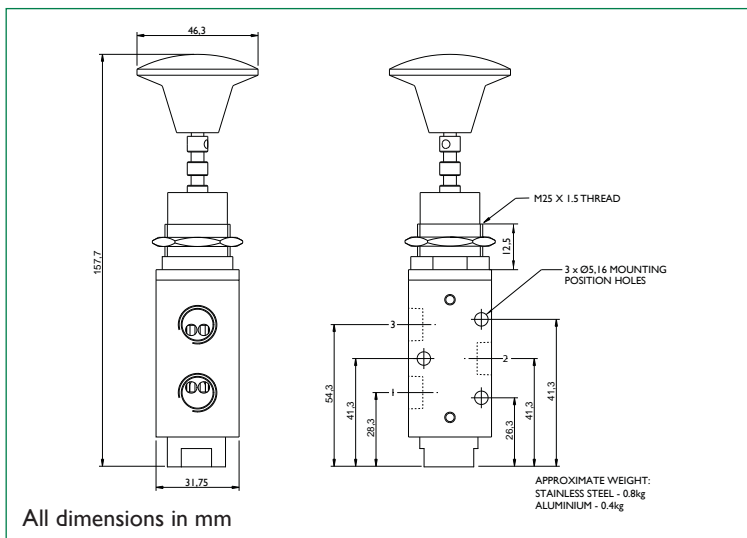
**BXS**  
Mechanical Valve

Example Code - BXS-04-04-M3-32-NU-04-V



**BXS**  
Mechanical Valve

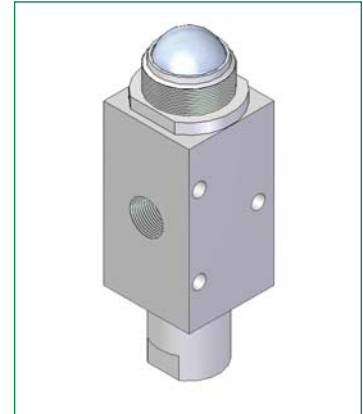
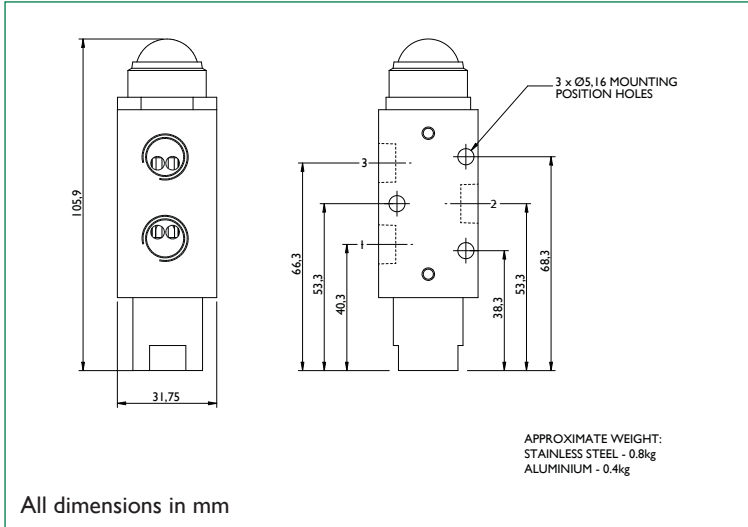
Example Code - BXS-04-04-M3-32-NU-05-V-K54



**BXS**  
Mechanical Valve

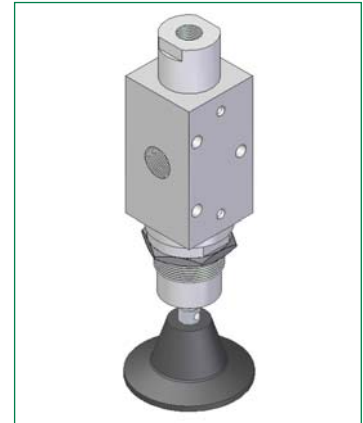
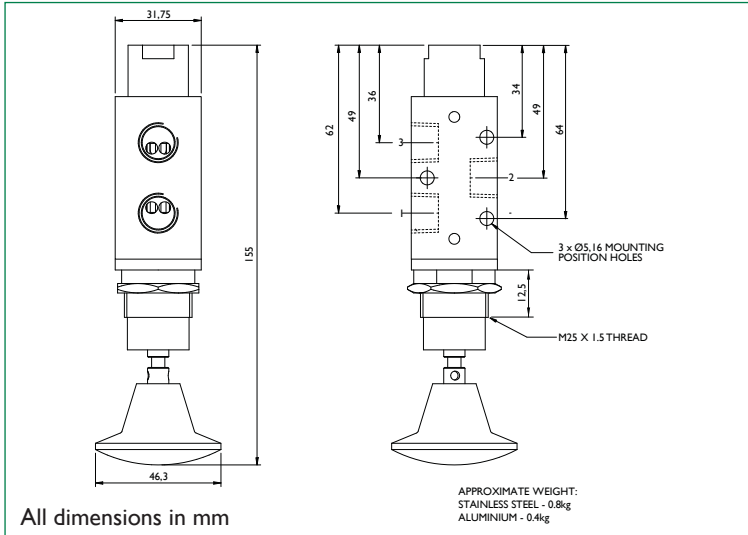
Dimensional Drawings

Example Code - BXS-04-04-MI3-32-NU-00-V



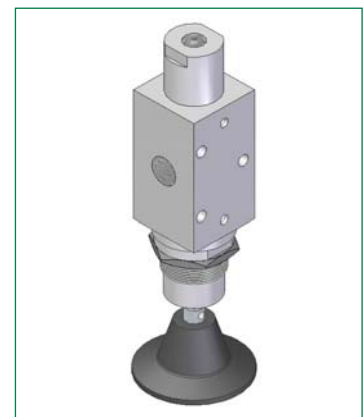
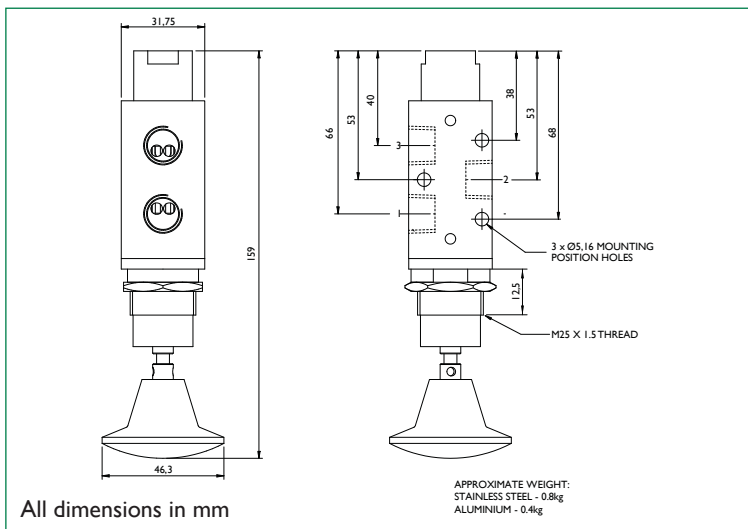
**BXS**  
Mechanical Valve

Example Code - BXS-04-04-PI-32-NU-MI5-V-K54



**BXS**  
Reset Valve

Example Code - BXS-04-04-P9-32-NU-MI5-V-K54



**BXS**  
Reset Valve

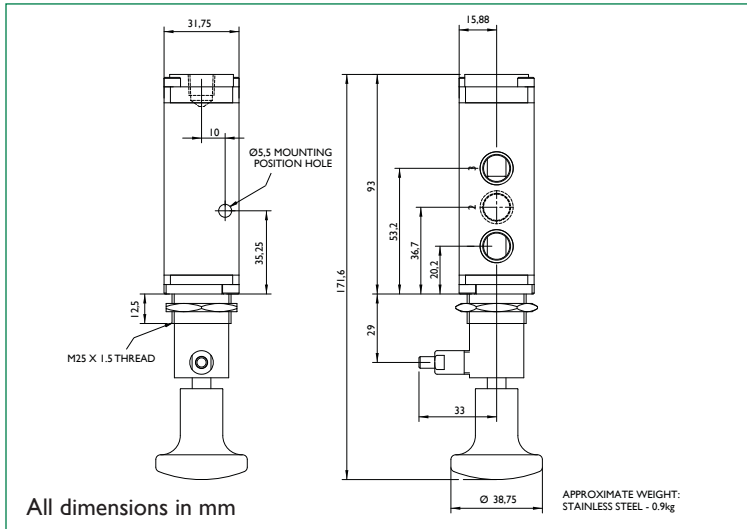
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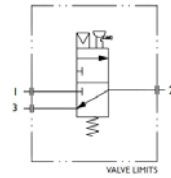
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Dimensional Drawing

Example Code - SJJ E06-P9-32-NC-MI 6-K54



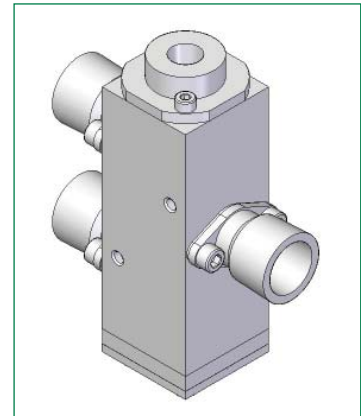
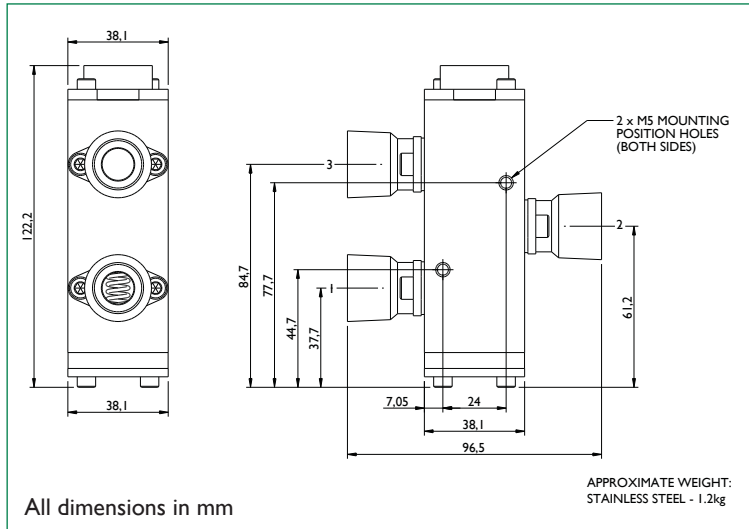
SCHEMATIC 3/2 NC



SJJ E06  
Reset Valve

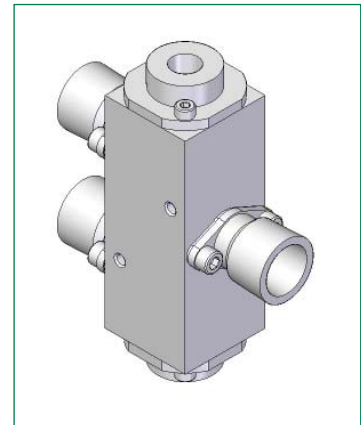
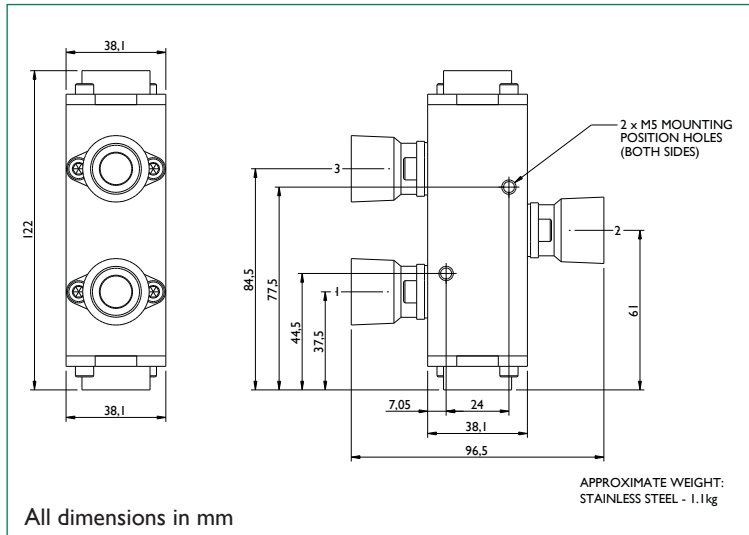
Dimensional Drawings

Example Code - SPR-08-08-PI-32-NU-00-V



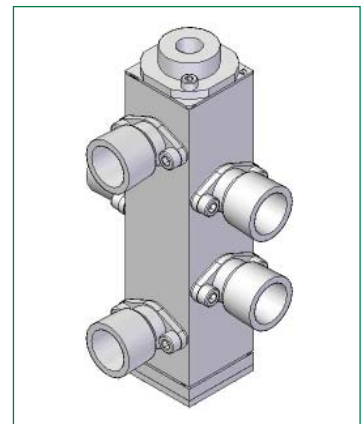
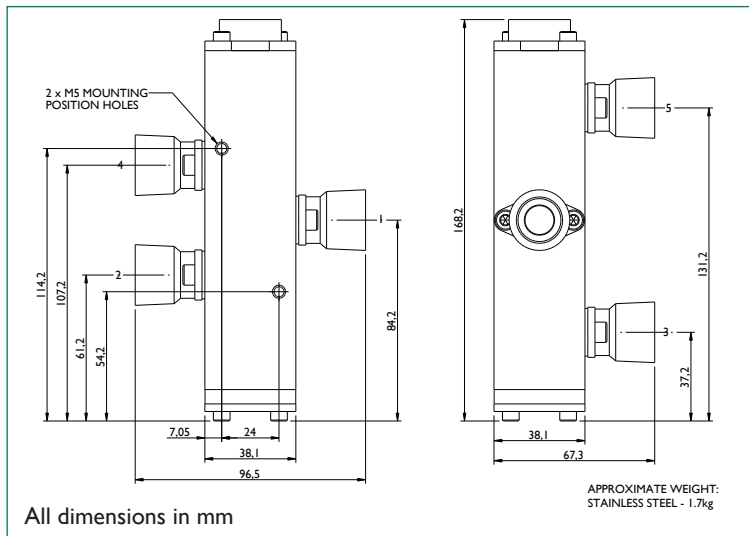
**SPR**  
High Flow Pilot Valve

Example Code - SPR-08-08-PI-32-NU-PI-V



**SPR**  
High Flow Pilot Valve

Example Code - SPR-08-08-PI-52-XX-00-V



**SPR**  
High Flow Pilot Valve

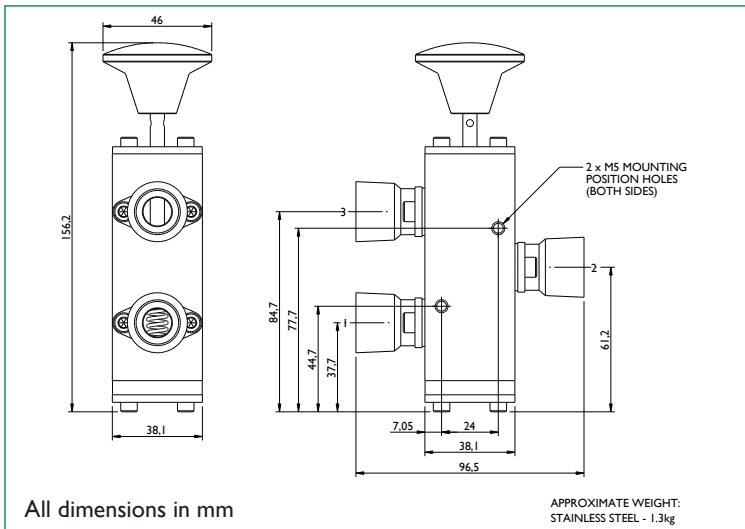
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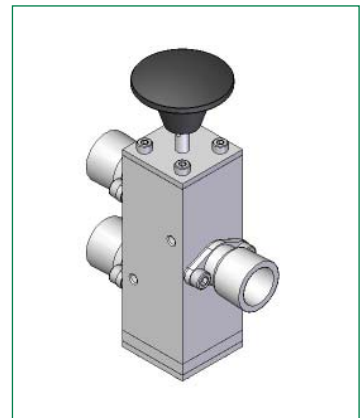
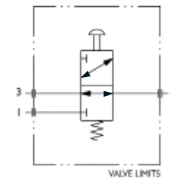
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Dimensional Drawings

Example Code - SPR-08-08-MI-32-NU-00-V

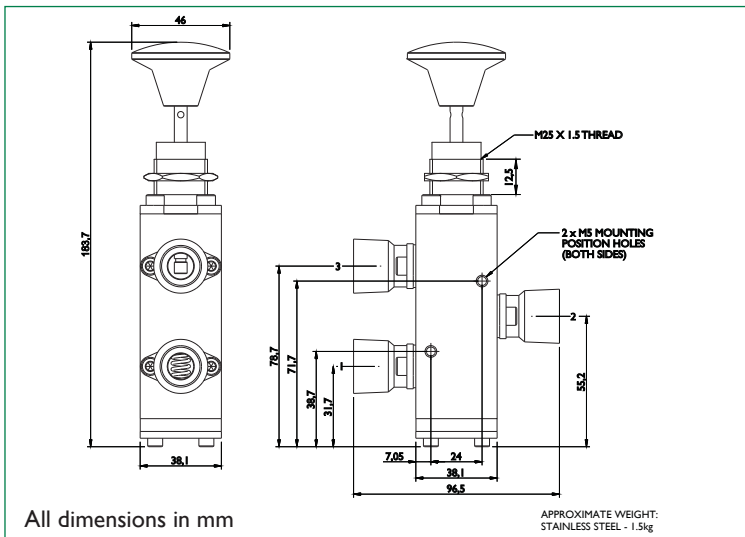


SCHEMATIC 3/2 NU

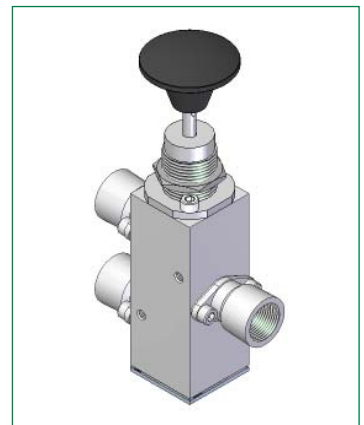
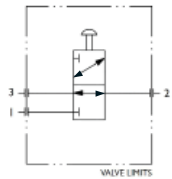


SPR High Flow Mechanical Valve

Example Code - SPR-08-08-M3-32-NU-04-V

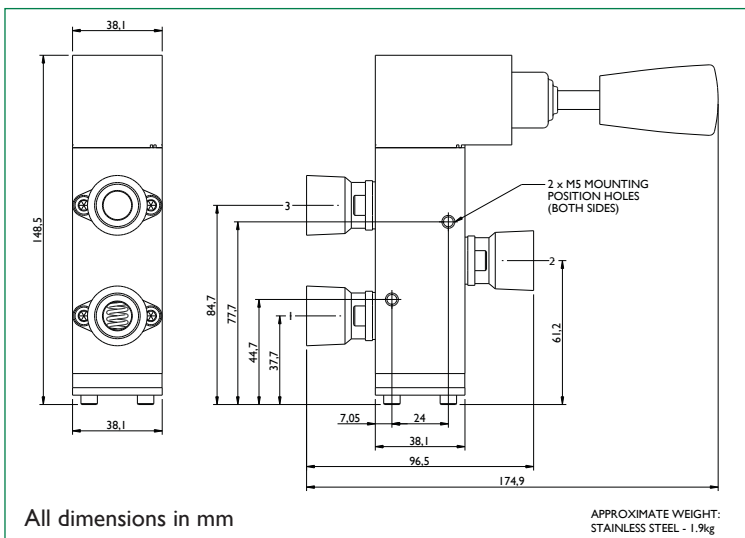


SCHEMATIC 3/2 NU

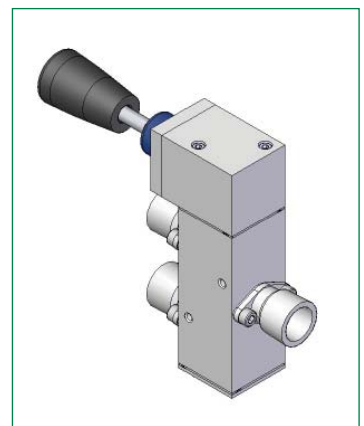
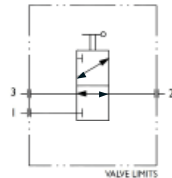


SPR High Flow Mechanical Valve

Example Code - SPR-08-08-M6-32-NU-04-V



SCHEMATIC 3/2 NU

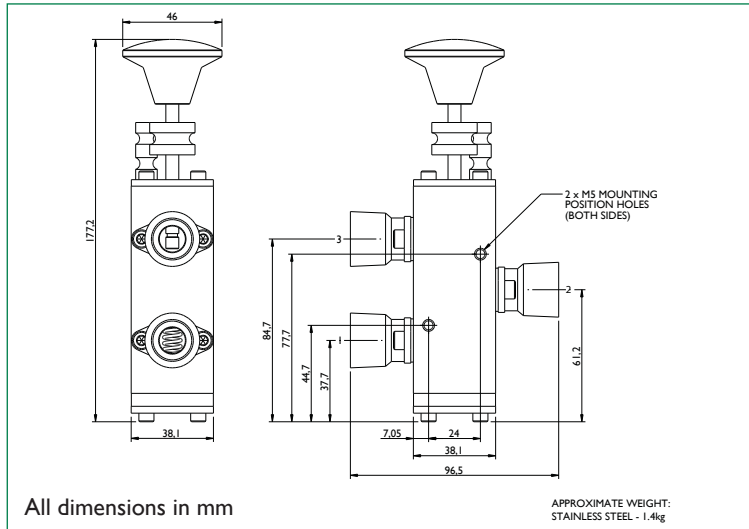


SPR High Flow Mechanical Valve

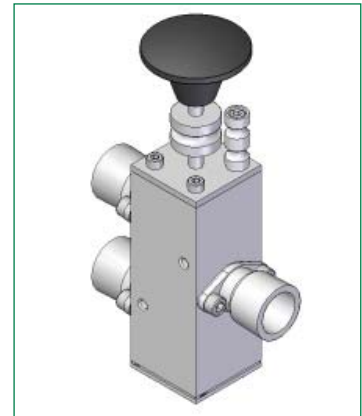
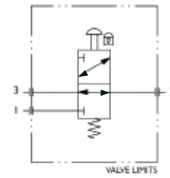
Dimensional Drawings



Example Code - SPR-08-08-M9/1-32-NU-00-V

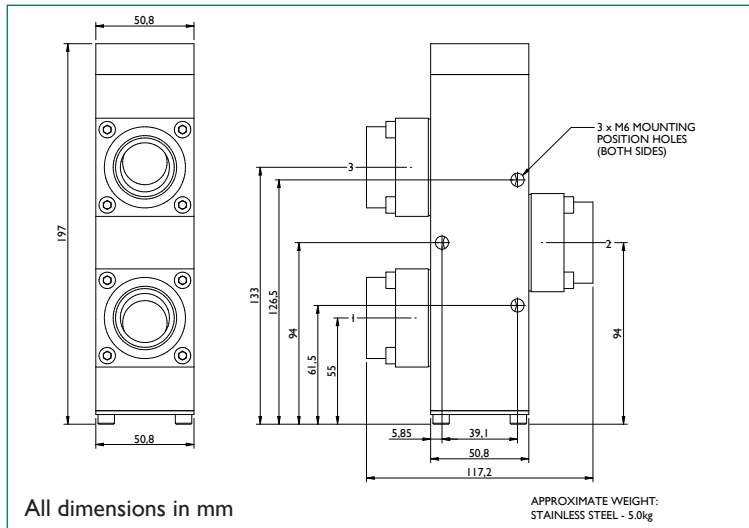


SCHEMATIC 3/2 NU

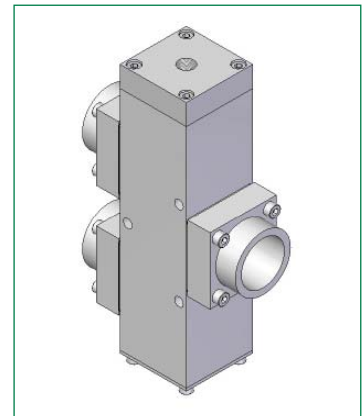
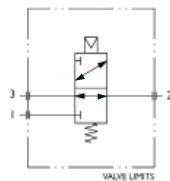


SPR  
High Flow Pilot Valve

Example Code - SPR-16-16-PI-32-NU-00-V

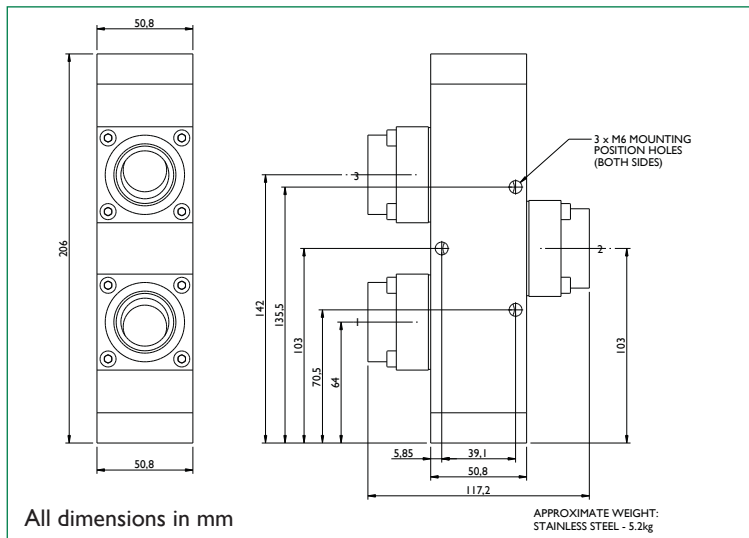


SCHEMATIC 3/2 NU

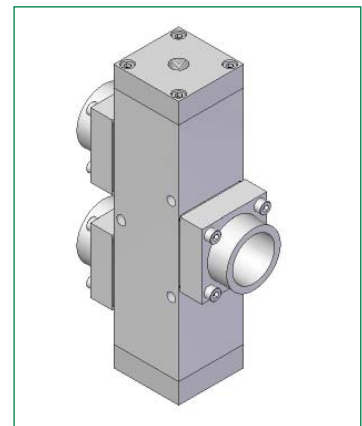
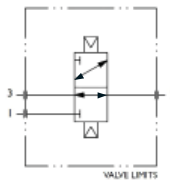


SPR  
High Flow Pilot Valve

Example Code - SPR-16-16-PI-32-NU-PI-V



SCHEMATIC 3/2 NU



SPR  
High Flow Pilot Valve

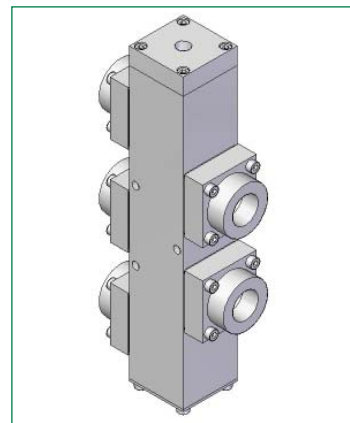
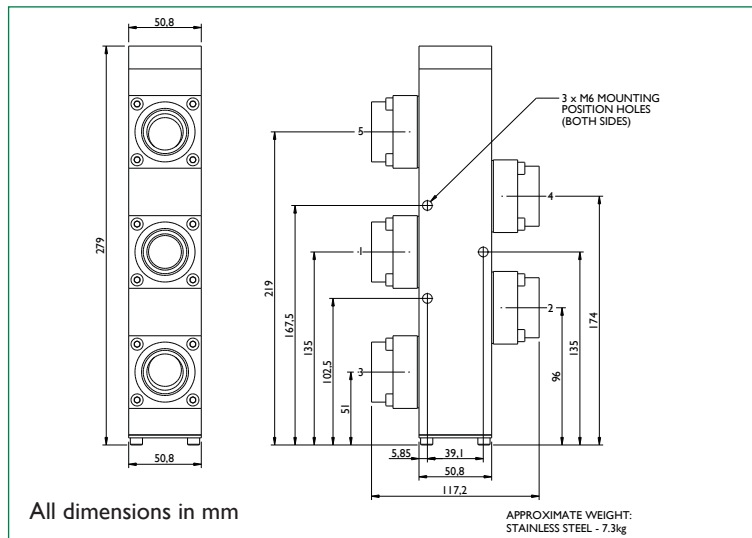
**Accuracy of information**  
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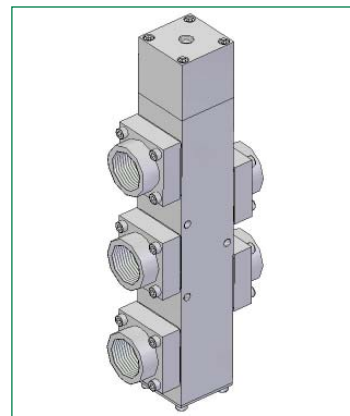
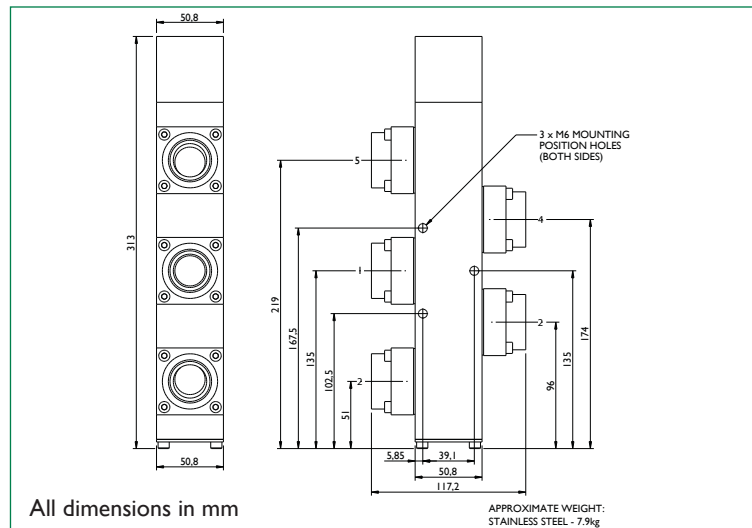
Dimensional Drawings

Example Code - SPR-16-16-PI-52-XX-00-V



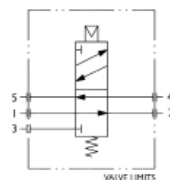
**FP06P**  
Auto Reset

Example Code - SPR-16-16-PI6-52-XX-00-V

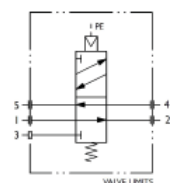


**SPR**  
High Flow Pilot Valve

SCHEMATIC 5/2



SCHEMATIC 5/2



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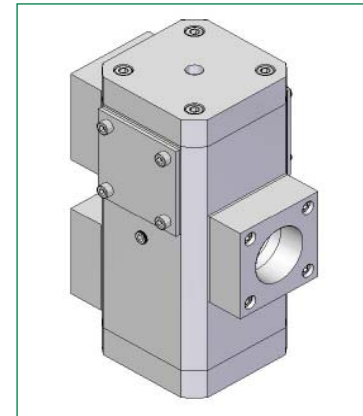
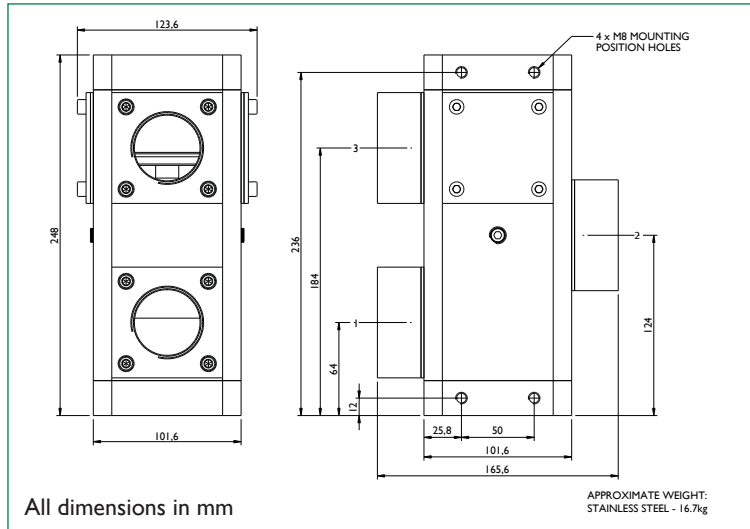
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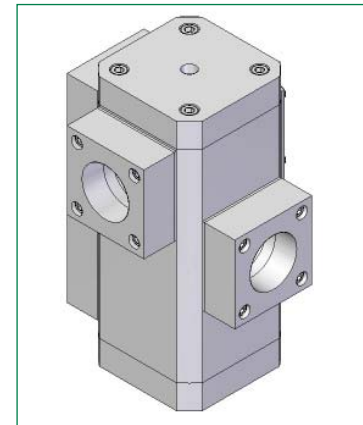
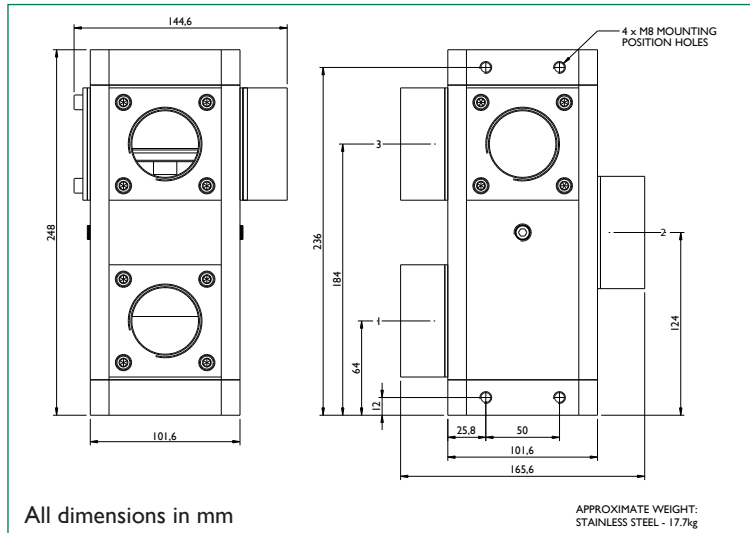
Dimensional Drawings

Example Code - PPV-32-24-PI-32-NC-00-V-E-K54



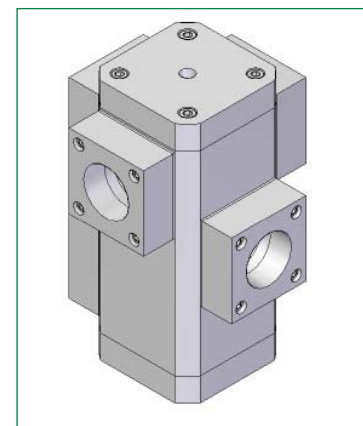
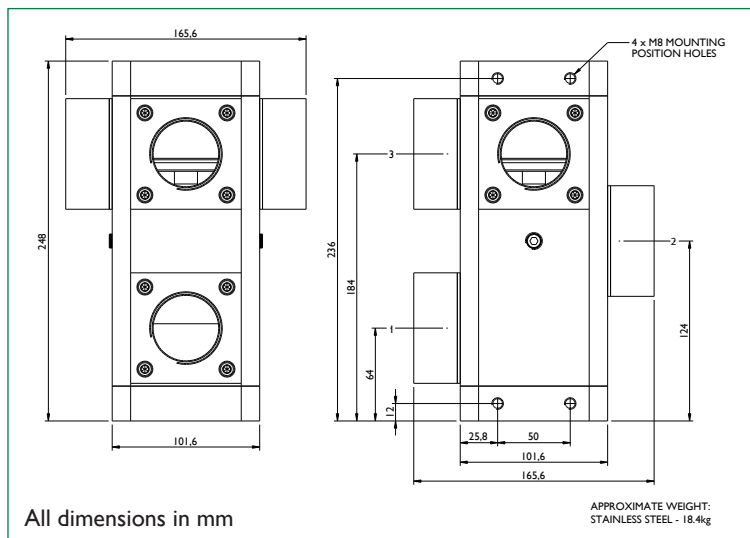
**FP06P**  
Auto Reset

Example Code - PPV-32-24-PI-32-NC-00-V-EE-K54



**FP06P**  
Auto Reset

Example Code - PPV-32-24-PI-32-NC-00-V-EEE-K54



**FP06P**  
Auto Reset

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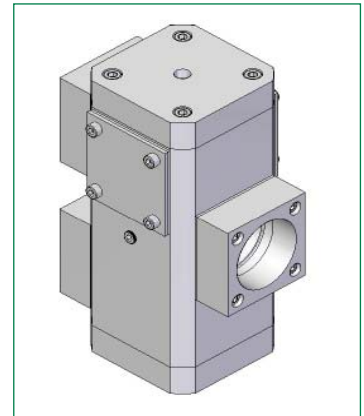
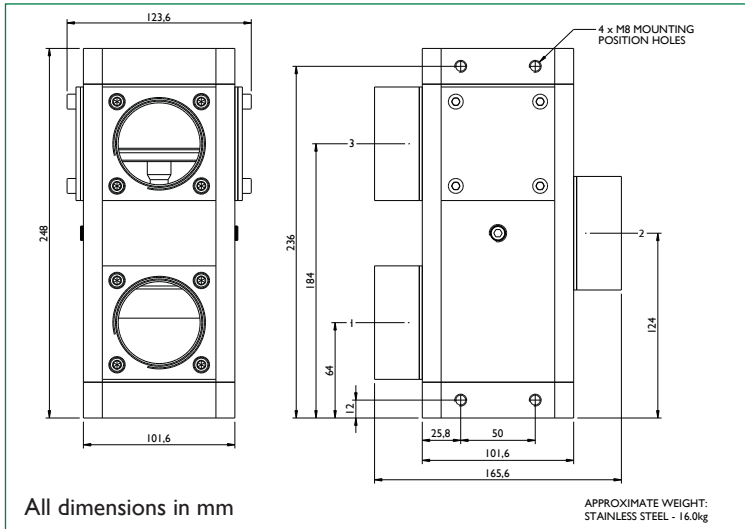
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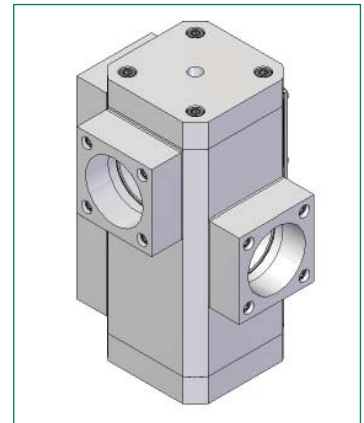
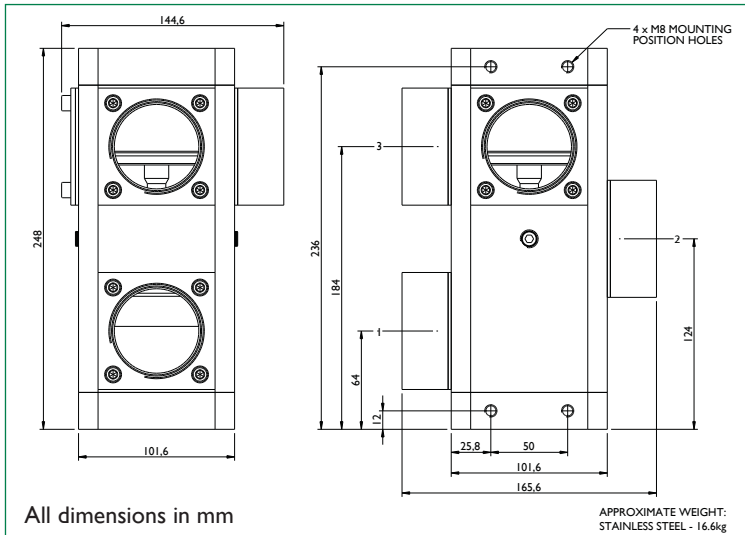
Dimensional Drawings

Example Code - PPV-32-32-PI-32-NC-00-V-E-K54



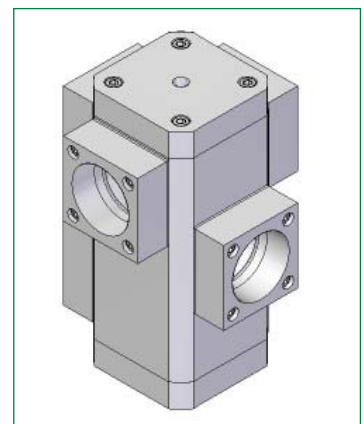
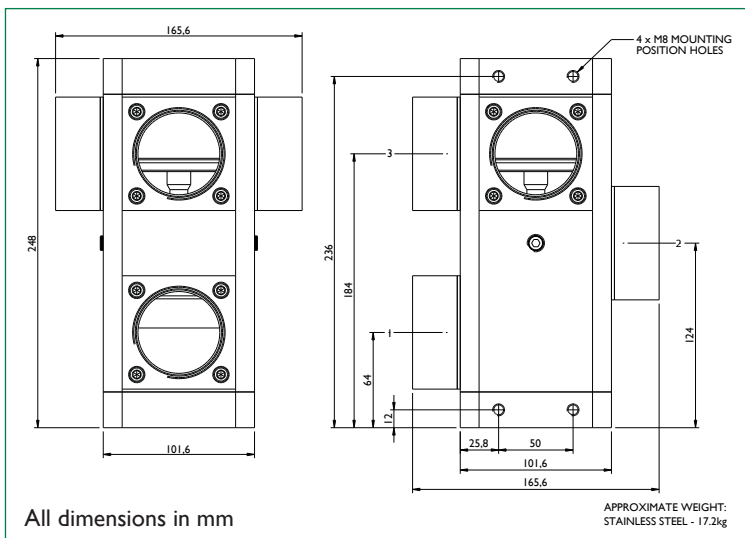
**FP06P**  
Auto Reset

Example Code - PPV-32-32-PI-32-NC-00-V-EE-K54



**FP06P**  
Auto Reset

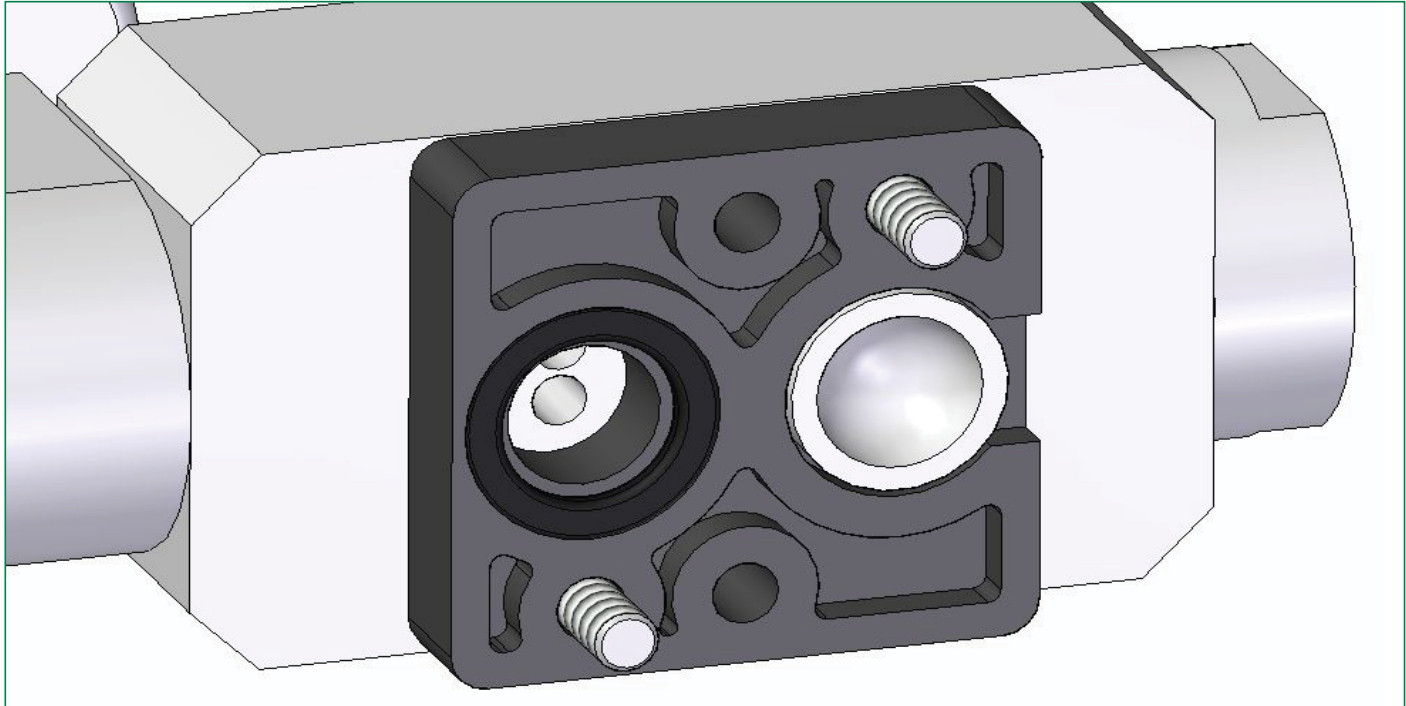
Example Code - PPV-32-32-PI-32-NC-00-V-EEE-K54



**FP06P**  
Auto Reset

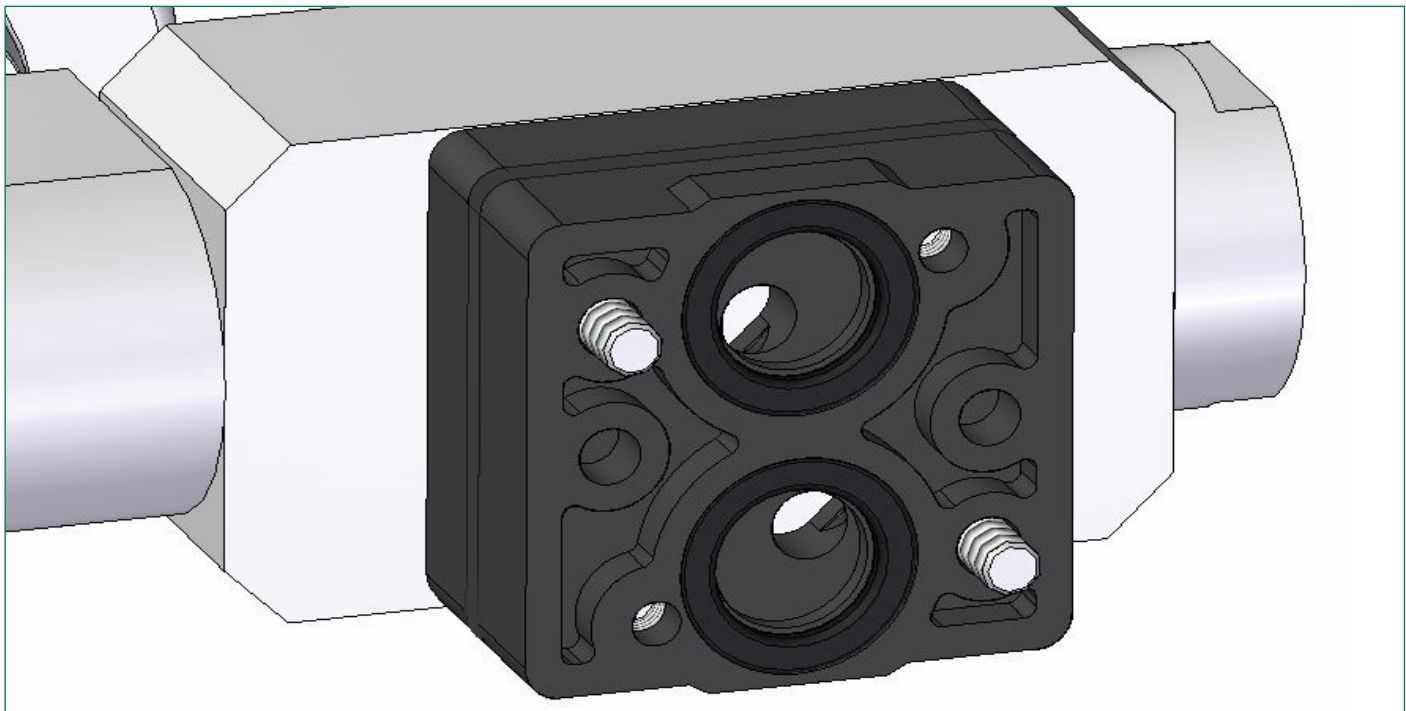
Block Options

Supplied as Standard for use with: BXS-04-N4., & BXS-04-AN4..Valves



Mounting Configuration:

3 Way 2 Position



Mounting Configuration with Filter Regulator Module:

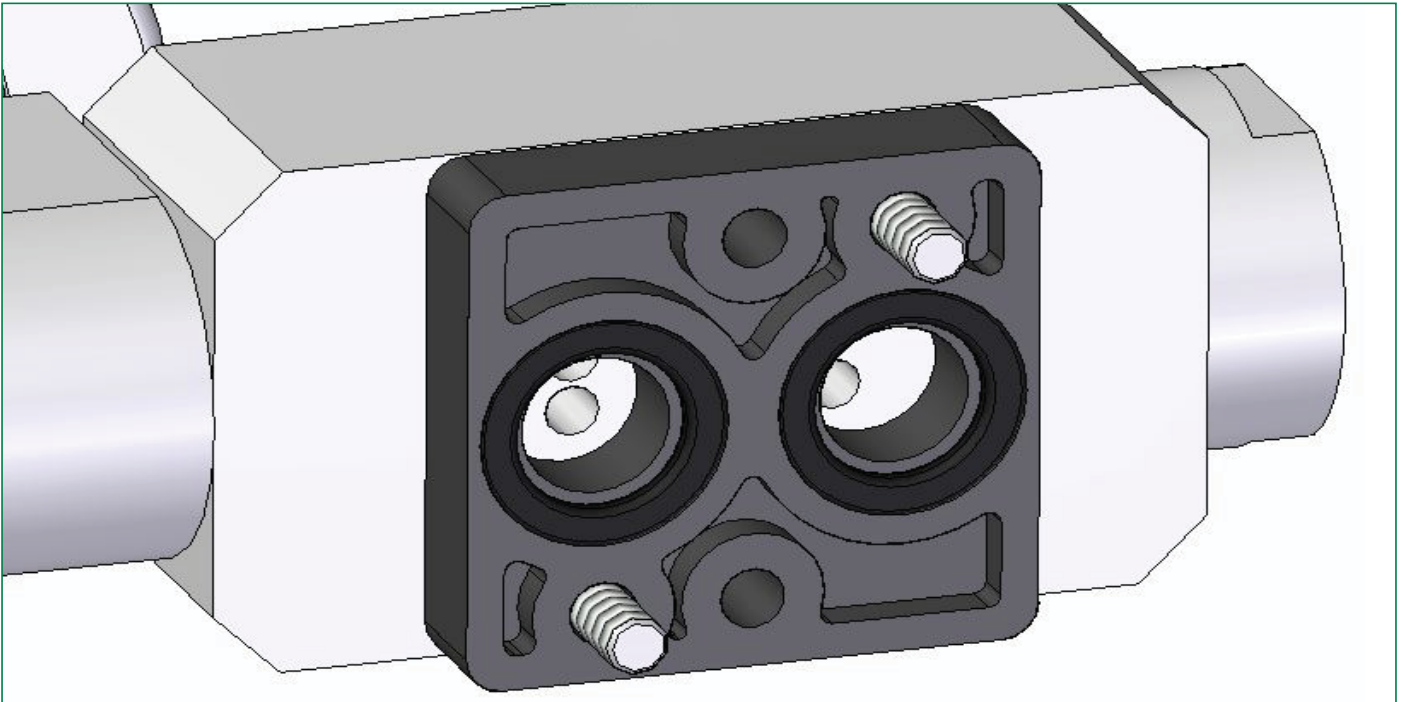
3 Way 2 Position with 90° rotation

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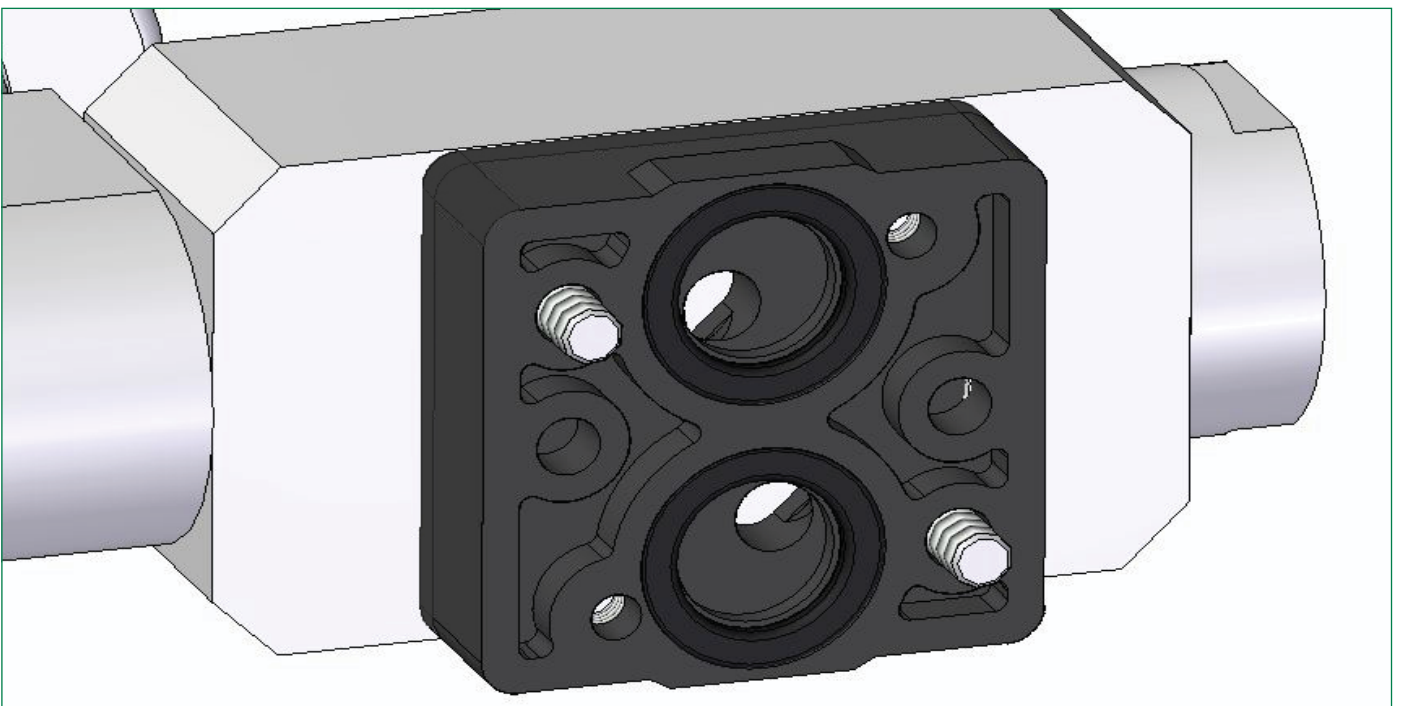
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Block Options



Mounting Configuration:

5 Way 2 Position & 5 Way 3 Position & 5 Way 3 Position



Mounting Configuration with Filter Regulator Module:

5 Way 2 Position with 90° rotation, 5 Way 3 Position with 90° rotation

**Pneumatic and  
Instrumentation Valves**

**Hydraulic Valves**

**Subsea Valves**

**Hydraulic Pumps,  
Intensifiers and Valves**

**Actuator Electronic Control  
and Positioning**

**Bifold®**

**Bifold FluidPower®**

**Bifold® Subsea**

**Bifold® Marshalsea**

**Bifold® Orange™**

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Valve Solutions**



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