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### Important Note

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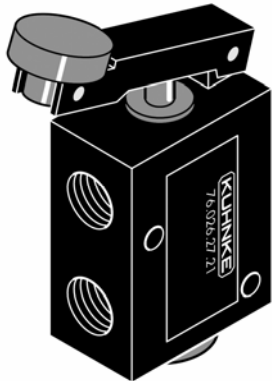
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# Mechanically Operated Valves

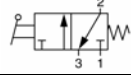
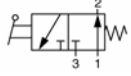
## Plunger Operators

Kuhnke Power Valves

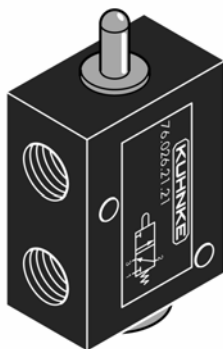
### Flat Lever Operated, Body Mount, Compact Design



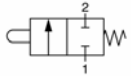
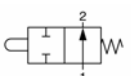

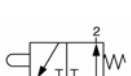
Can be used as end of travel device or thumb valve. Lever travel is 10mm. Actuation force is 20 N.

Description	Orifice (Body No.)	Port Size	Catalogue Number	
			Metric Ports Standard	NPT Ports (USA Std.)
<b>3/2</b> Normally Closed Spring Return	 4mm (1bP)	<b>1/8</b>	<b>76026-27-21</b>	75026-27-21
<b>3/2</b> Normally Open Spring Return	 4mm (1aP)	<b>1/8</b>	<b>76026-27-31</b>	75026-27-31

### Plunger Operated, Body Mount, Compact Design



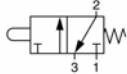
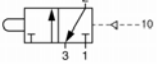
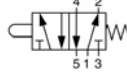


Depressing plunger operates valve. Used to detect material position or as an end of travel valve. Plunger travel approx. 5mm. Actuation force is 60 N.

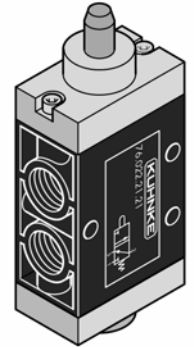
Description	Orifice (Body No.)	Port Size	Catalogue Number	
			Metric Ports Standard	NPT Ports (USA Std.)
<b>2/2</b> Normally Closed Spring Return	 4mm (1bP)	<b>1/8</b>	<b>76025-21-21</b>	75025-21-21
<b>2/2</b> Normally Open Spring Return	 4mm (1aP)	<b>1/8</b>	<b>76025-21-31</b>	75025-21-31
<b>3/2</b> Normally Closed Spring Return	 4mm (1bP)	<b>1/8</b>	<b>76026-21-21</b>	75026-21-21
<b>3/2</b> Normally Open Spring Return	 4mm (1aP)	<b>1/8</b>	<b>76026-21-31</b>	75026-21-31

Operating pressure range 0-10 bar. Actuation force @ 6 bar, is approx. 60 N.  
 Valve body dimensions are 50mm L x 16mm W x 32mm H. Through body mounting holes 4.5mm Dia.  
 Flat Lever extends 27mm from valve body. Travel 14mm.  
 Plunger diameter is 7mm and extends 14mm from valve body. Plunger travel 5mm +/- 1mm.  
**For valve specifications see appendix. For detail dimensions contact factory.**

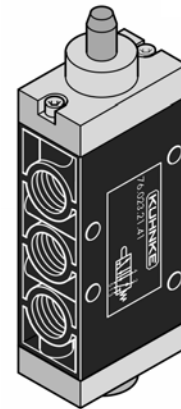
### Plunger Operated, Body Mount

Used as position or end of travel detector. Valve configurations include pneumatic reset types which can be used in conjunction with pushbuttons or other control devices to manually or automatically reset valve. A double plunger is also available which can be used on machine carriages to reverse direction of travel. Operating force is 35 N and plunger travel is approx. (5mm).

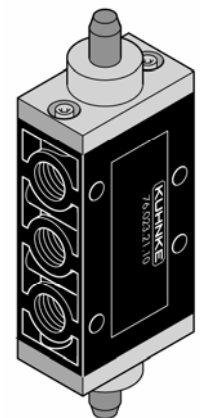
Description	Orifice (Body No.)	Port Size	Catalogue Number	
			Metric Ports Standard	NPT Ports (USA Std.)
<b>3/2</b> Norm. Closed Spring Return 	6mm (1S)	1/8	<b>76022-21-21</b>	75022-21-21
<b>3/2</b> Norm. Closed Pneumatic Reset * 	6mm (1S)	1/8	<b>76022-21-22</b>	75022-21-22
<b>5/2</b> Spring Return 	6mm (2S)	1/8	<b>76023-21-41</b>	75023-21-41
<b>5/2</b> Plunger on Both Ends (Maintained) 	6mm (2S)	1/8	<b>76023-21-10</b>	75023-21-10
<b>5/2</b> Pneumatic Reset* 	6mm (2S)	1/8	<b>76023-21-42</b>	75023-21-42



3/2



5/2



5/2 Plunger On Both Ends

\* Pneumatic Reset Valves can be returned only by applying a pneumatic signal (2.5 bar min.) to an auxiliary 1/8 port.

Operating pressure range 0-10 bar. Actuation force @ 6 bar is approx. 35 N.

For normally open function on 3/2 valve reverse connect ports 1-3. For 2/2 operation, plug port 3.

Typical valve body dimensions are 63mm L (3/2), 80mm L (5/2) x 35mm H x 20mm W. Add 25mm to L dim. for pneumatic reset types. Through body mounting holes 4.5mm dia.

Plunger diameter is 6mm and extends 22mm from valve body. Plunger travel is 5mm +/- 1mm.

**For valve specifications see appendix. For detail dimensions contact factory.**