



The following page(s) are extracted from multi-page Kuhnke product catalogues or CDROMs and any page number shown is relevant to the original document. The PDF sheets here may have been combined to provide technical information about the specific product(s) you have selected.

Hard copy product catalogues, and CDROMs have been published describing Kuhnke Pneumatics, Solenoids, Relays and Electronics; some divided into different books. A list of current publications is available on this web site or from our sales offices. Some may be available for download, but as substantially larger files.

## Contact Details

Kuhnke sales and service in North America

Ellis/Kuhnke Controls  
132 Lewis Street  
Unit A-2, Eatontown  
NJ 07724  
USA

T: (800) 221 0714  
T: (732) 291 3334  
F: (732) 291 8154

### Important Note

The information shown in these documents is for guidance only. No liability is accepted for any errors or omissions. The designer or user is solely responsible for the safe and proper application of the parts, assemblies or equipment described.

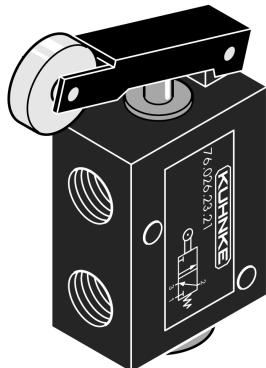
---

# Mechanically Operated Valves

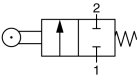
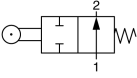
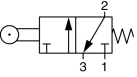
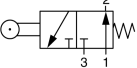
## Roller Lever Operators

Kuhnke Power Valves

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



Used as a pneumatic limit switch or position detector. Roller arm travel is 9/16" (14mm). Actuation force is 7.9 Lbs.

Description	Orifice (Body No.)	Port Size	Catalog Number		
			NPT Ports (USA Std.)	Metric Ports (European Std.)	
<b>2 Way</b> Normally Closed Spring Return		<b>4mm</b> (1bP)	<b>1/8</b>	<b>75025-23-21</b>	76025-23-21
<b>2 Way</b> Normally Open Spring Return		<b>4mm</b> (1aP)	<b>1/8</b>	<b>75025-23-31**</b>	76025-23-31**
<b>3 Way</b> Normally Closed Spring Return		<b>4mm</b> (1bP)	<b>1/8</b>	<b>75026-23-21</b>	76026-23-21
<b>3 Way</b> Normally Open Spring Return		<b>4mm</b> (1aP)	<b>1/8</b>	<b>75026-23-31**</b>	76026-23-31**

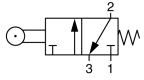
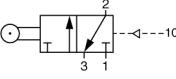
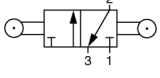
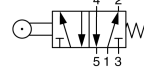
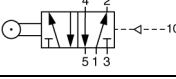

\*\*\*These valves were discontinued in June 2006. Please contact us for advice on alternative products.

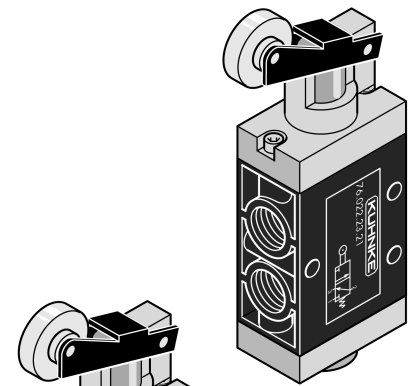
Operating pressure range 0-145 PSI. Actuation force @ 90 PSI, is approx. 7.9 Lbs.  
Valve body dimensions are 1.812" L x 1.25" H x .625" W. Roller arm extends 1.33" beyond body and travel is .562".  
Through body mounting holes 3/16" diameter.

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

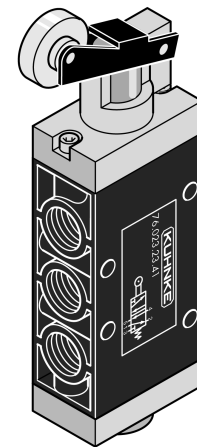
### Roller Lever Operated, Body Mount

Used as a pneumatic limit switch or position detector. Roller arm travel is 3/8" (10mm). Actuating force is 4.5 Lbs. Options include valves with pneumatic reset used in conjunction with other controlling devices to reset valve. A double roller lever valve can be used on machine carriages to reverse direction of travel.

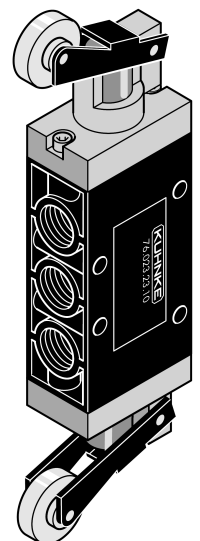
Description	Orifice (Body No.)	Port Size	Catalog Number	
			NPT Ports (USA Std.)	Metric Ports (European Std.)
<b>3 Way</b> Norm. Closed Spring Return		6mm (1S)	1/8	<b>75022-23-21</b> 76022-23-21
<b>3 Way</b> Norm. Closed Pneumatic Reset *		6mm (1S)	1/8	<b>75022-23-22</b> 76022-23-22
<b>3 Way</b> Roller Lever Both Ends (Maintained)		6mm (1S)	1/8	<b>75022-23-10</b> 76022-23-10
<b>4 Way</b> Spring Return		6mm (2S)	1/8	<b>75023-23-41</b> 76023-23-41
<b>4 Way</b> Pneumatic Reset *		6mm (2S)	1/8	<b>75023-23-42</b> 76023-23-42
<b>4 Way</b> Roller Lever Both Ends (Maintained)		6mm (2S)	1/8	<b>75023-23-10</b> 76023-23-10



3 Way



4 Way



4 Way  
Roller Lever  
Both Ends

\* Pneumatic Reset Valves are returned to the off position only by applying a pneumatic signal (35 PSI min.) to an auxiliary 1/8 port. Operating pressure range is 0-145 PSI. Actuation force @ 90 PSI, is approx. 4.5 Lbs. For normally open function on 3 way valve, reverse connect ports 1-3. For 2 way operation, plug port 3. Typical valve body dimensions are 2.5" L (3 way), 3.15" L (4 way) x 1.375" H x .75" W. Add 1" to L dim. for pneumatic reset types. Through body mounting holes are 3/16" diameter. Roller Lever extends 1.343" beyond body and travel is .39" +/- .04".  
**For valve specifications see appendix. For detail dimensions contact factory.**

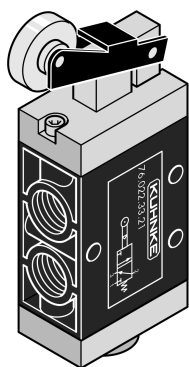
# Mechanically Operated Valves

## Roller Lever Operators

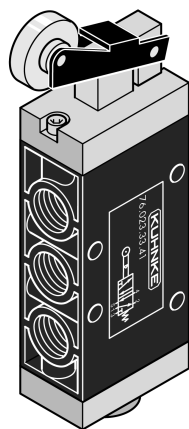
Kuhnke Power Valves

### Roller Lever Operated, Air Pilot Assist, Body Mount

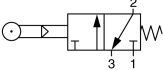
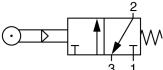
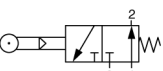
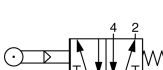

Used as a pneumatic limit switch or position detector. Actuation force is 14 ounces and roller lever travel is approx. 5/32 inch (4mm).



3 Way  
1/8 Ports



4 Way  
1/8 Ports

Description	Orifice (Body No.)	Port Size	Catalog Number		
			NPT Ports (USA Std.)	Metric Ports (European Std.)	
<b>3 Way</b> Norm. Closed Spring Return		<b>6mm</b> (1S)	<b>1/8</b>	<b>75022-33-21</b>	76022-33-21
<b>3 Way</b> Norm. Closed Spring Return		<b>8mm</b> (6P)	<b>1/4</b>	<b>75046-70-21</b>	76046-70-21
<b>3 Way</b> Norm. Open Spring Return		<b>8mm</b> (6P)	<b>1/4</b>	<b>75046-70-31</b>	76046-70-31
<b>4 Way</b> Spring Return		<b>6mm</b> (2S)	<b>1/8</b>	<b>75023-33-41</b>	76023-33-41
<b>4 Way</b> Spring Return		<b>8mm</b> (7P)	<b>1/4</b>	<b>75047-70-41</b>	76047-70-41

Operating pressure range is 35-145 PSI. Minimum pressure 35 PSI. Actuation force @ 90 PSI, is approx. 14 ounces. Approximate valve body dimensions for 1/8 ported valves are 2.75" L (3 way), 3.5" L (4 way) x 1.375" H x .75" W. Approximate valve body dimensions for 1/4 ported valves are 4.75" L x 2" H x 1" W. Roller lever extends 1.1875" and travel is .156". Through body mounting holes 3/16".

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