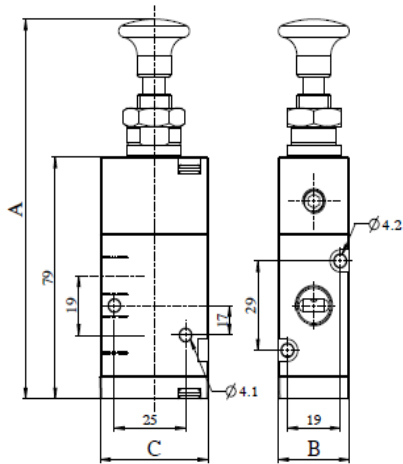


## 3X2 Manual Push Pull Operated Valve



### Technical Data

A 3/2 push pull operated valve is a type of standard mechanical valve that is activated manually by push pull knob.

Push pull operated valves find their application in the systems where manual control is needed for the actuation or deactuation of pneumatic actuators such as cylinders, grippers etc.

Normally open and normally closed are the two variants available in 3/2 hand lever operated valves.

Namur type of valves is also available.

Design features and materials

**Aluminum parts** Aluminum alloy

**Steel Parts** Steel with surface treatment

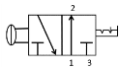
**Springs** Spring steel with surface treatment or S.S.

**Plastic parts** POM, PA, Nylon

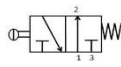
**Sealing elements** Nitrile rubber

<b>Model</b>	32
<b>Design</b>	Spool type
<b>Medium</b>	Compressed air- Dry, filtered, Lubricated
<b>Working Pressure range</b>	2-10 Bar
<b>External Pilot pressure</b>	2-4 Bar
<b>Recommended oil for lubrication</b>	ISO VG32(Servo system 32)
<b>Ambient/Medium temperature</b>	5°-60°C
<b>Flow</b>	Inlet & Outlet Port-
	G 1/8" - 774 LPM @10 bar
	G 1/4" - 1000 LPM @10 bar
	G 1/2" - 2930 LPM @10 bar
<b>Packaging Dimensions(mm)</b>	Inlet & Outlet Port - A / B / C
	G1/4" -124 / 25 / 38
	G1/2" -141 / 50 / 38
	G1/8"- 124 / 25 / 38

#### Function



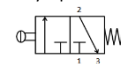
Normally Open with detent



Normally Open with spring return



Normally Closed with detent



Normally Closed with spring return

32S

18

PD

O

0

**Code** **Inlet/Outlet Port**  
 18..... G 1/8"  
 14..... G 1/4"  
 12..... G 1/2"

**Exhaust Port**  
 G 1/8"  
 G 1/8"  
 G 1/2"

**Code** **Function**  
 PD..... Detent type  
 PS.... Spring Return type

**Code** **Function**  
 O..... Normally Open  
 C..... Normally Closed

**Code** **Type**  
 0..... W/o Namur

#### Order Code:-

While ordering valve, please mention the suffix given above.

#### Example:-

The ordering no. for 3X2 Push pull operated normally open valve with port size G1/8" is **32S18PDO0**.