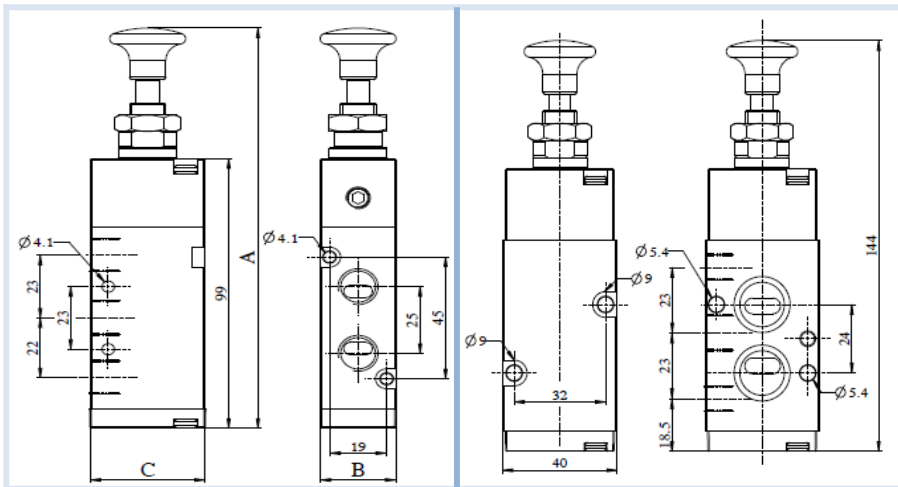


## 5X2 Manual Push Pull Operated Valve



### Technical Data

A 5/2 push pull operated valve is a type of standard mechanical valve that activated manually by push pull knob.

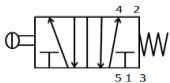
Push pull operated valves find their application in the systems where manual control is needed for the actuation or deactuation of pneumatic actuators such as cylinders, grippers etc.

Namur type of valves is also available in push pull operated valves.

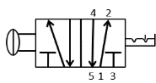
#### Design features and materials

<b>Aluminum parts</b>	Aluminum alloy
<b>Steel Parts</b>	Steel with surface treatment
<b>Springs</b>	Spring steel with surface treatment or S.S.
<b>Plastic parts</b>	POM, PA, Nylon
<b>Sealing elements</b>	Nitrile rubber

#### Circuit function



Spring Return Type



Detent Type

<b>Model</b>	52
<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" -147 / 25 / 38 G1/2" -175 / 50 / 38 G1/8" - 147 / 25 / 38



<b>Code</b>	<b>Inlet/Outlet Port</b>
18.....	G 1/8"
14.....	G 1/4"
12.....	G 1/2"

<b>Exhaust Port</b>
G 1/8"
G 1/8"
G 1/2"



<b>Code</b>	<b>Function</b>
PD.....	Detent type
PS.....	Spring return type



<b>Code</b>	<b>Type</b>
01.....	Namur
00.....	W/o Namur

#### Order Code:-

While ordering valve, please mention the suffix given above.

#### Example:-

The ordering no. for 5X2 Manual Push Pull operated valve with Detent Type and port size G1/8" is **52S18PD00**.