

The MSV-Series valves come in a 3/2 or 5/2 configuration and are operated from an extensive range of interchangeable mechanical operators. An unique over-travel mechanism ensure smooth operation and positive spring return. The MEV-Series have either G1/8 or G1/4 ports. The range may be used with or without Lubrication.



TB



LB



OO



RL



EB



PB



PL



PP



TB



LB

Technical Specification		100 Series	200 Series			
Port Size Code	Units	1	1	2	1	2
Spool Function		3/2	3/2	3/2	5/2	5/2
Port Size( In and Outlet)	<b>BSP</b>	G 1/8	G 1/8	G 1/4	G 1/8	G 1/4
Port Size( Exhaust)	<b>BSP</b>	G 1/8	G 1/8	G 1/8	G 1/8	G 1/8
Equiv. Orifice Diameter	<b>mm</b>	3.9	3.9	4.5	3.9	4.5
Cv		0.67	0.67	0.89	0.67	0.89
Operating Pressure	bar (Min.)	0	0	0	0	0
	bar (Max)	8	8	8	8	8
Proof Pressure	bar	12	12	12	12	12
Media		Air or Inert Gas				
Ambient Temp.	°C (Min.)	-5	-5	-5	-5	-5
	°C (Max)	+60	+60	+60	+60	+60

Materials		
Description	Condition	Material
Housing	Anodised	Aluminium
End Caps	Painted	Aluminium
Roller Lever	Plated	Steel
Spool Pin	Natural	Aluminium
Actuator Mounting Plate	Plated	Steel
Actuator Assembly	Various	Spastic/Brass
Screws	Plated	Steel
O Ring Seals		Nitrile

MSV- 1 32 1- RL - G

**FAMILY SERIES**

Mechanical Operated

**HOUSING TYPE**

1 = 100 Series (16mm Width)

2 = 200 Series (26mm Width)

**FUNCTION**

32 = 3-port. 2-Position Spring Return

52 = 5-port. 2-Position Spring Return

**PORT SIZE**

1 = G1/8

2 = G1/4 (G1/8 Exhaust)

**KNOB COLOUR**

B = Black

G = Green

R = Red

**ACTUATOR**

00 = Pin (Basic Valve)

RL= Roller Lever

TB = Twist Knob (Detent)

LB = Twist Extended Knob (Detent)

PP = Push Button (Flush)

PL = Push Button (Raised)

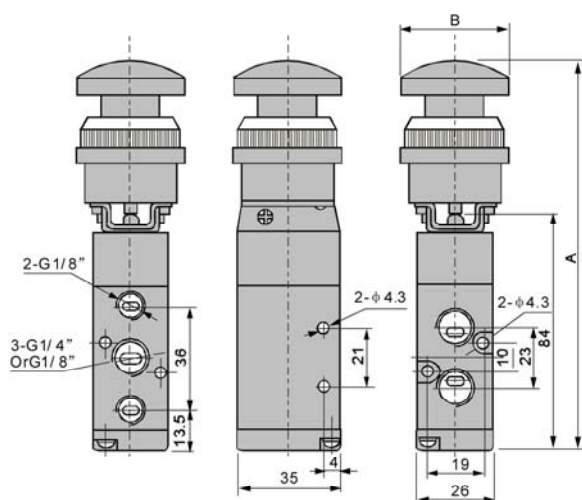
PB = Palm Button

EB = Palm Button (With Lock)

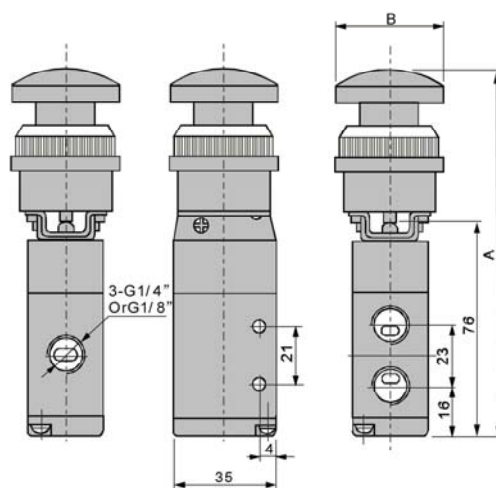


## ◆ Dimensions

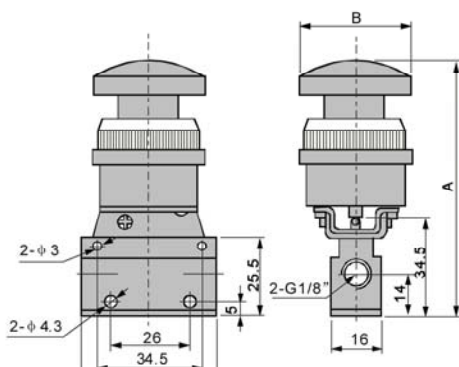
## MSV-252 Series



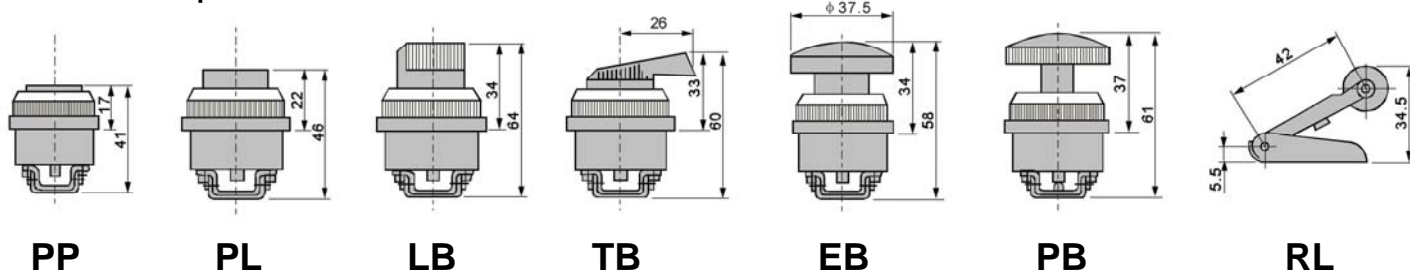
## MSV-232 Series



## MSV-132 Series



## Actuator Options



Series	Dimension	PP	PL	LB	TB	EB	PB	RL
MSV-132	A	66	71	85	88.5	86	83	59.5
	B	39.5	24.5	26.5	36.5	39.5	37.5	42.5
MSV-232	A	106	111	125	129.5	126	123	99.5
	B	39.5	24.5	26.5	36.5	39.5	37.5	42.5
MSV-252	A	114	119	133	136.5	134	131	107.5
	B	39.5	24.5	26.5	36.5	39.5	37.5	42.5