

Mechanical Valve(MV)



SMV100 Series

How to order

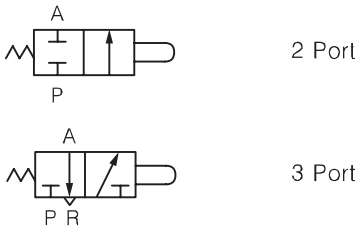
SMV 120-01-00

- 1 Mechanical Valve
- 2 Number of Port
 - 20 - 2Port
 - 30 - 3Port
- 3 Port Size
 - 01 - 1/8"
- 4 Type of actuator
 - 00 - Standard
 - 01 - Roller lever
 - 30 - Push button
 - 34 - Selector



SMV120-01-00 SMV131-01-01 SMV120-01-30 SMV130-01-34

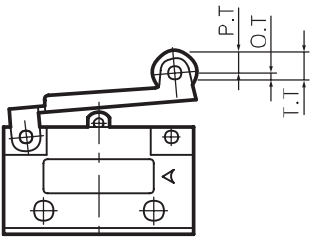
Symbol



Specification

Fluid	Compressed Air
Operating pressure	0~0.97MPa [0~9.9 kgf/cm ²]
Ambient temperature	0 ~ 60℃
Effective orifice(Cv)	2.5 mm ² (0.14)
Recommended lubricator	Unnecessary/ If necessary, Turbin oil (ISO VG32)
Port size	Rc(PT) 1/8

Operating point of Mechanical Valve



- P.T : Working distance from the free position to the operating position of the actuator
- O.T : Working distance from the operating position to the operating limit of the actuator
- T.T : Working distance from the free position to the operating limit of the actuator.

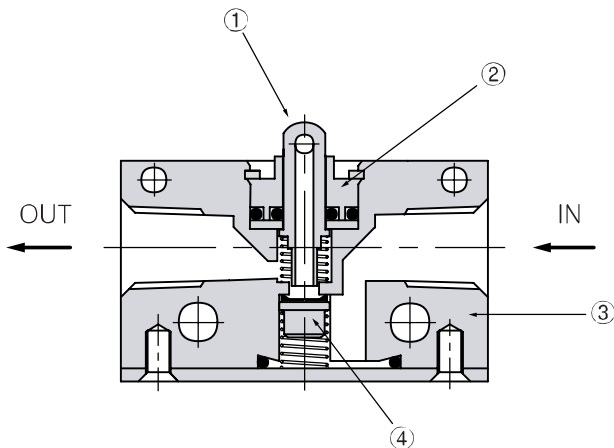
SMV

SMV100 Series



● STRUCTURE / PARTS

SMV 100



No.	PARTS	MATERIAL
1	Rod	A2011
2	Rod guide	Bs
3	Body	ZnDC
4	Check valve	NBR

● DIMENSIONS(mm)

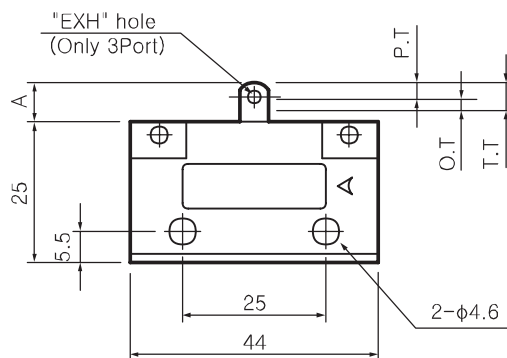
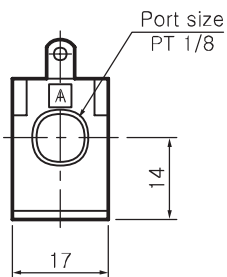
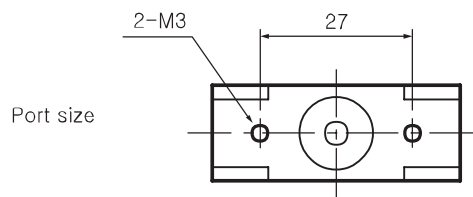
SMV 120-01-00

121-01-00

130-01-00

131-01-00

Model	A
SMV120	7.5
SMV130	
SMV121	5.0
SMV131	
P.T	1
O.T	2
T.T	3



SMV100 Series

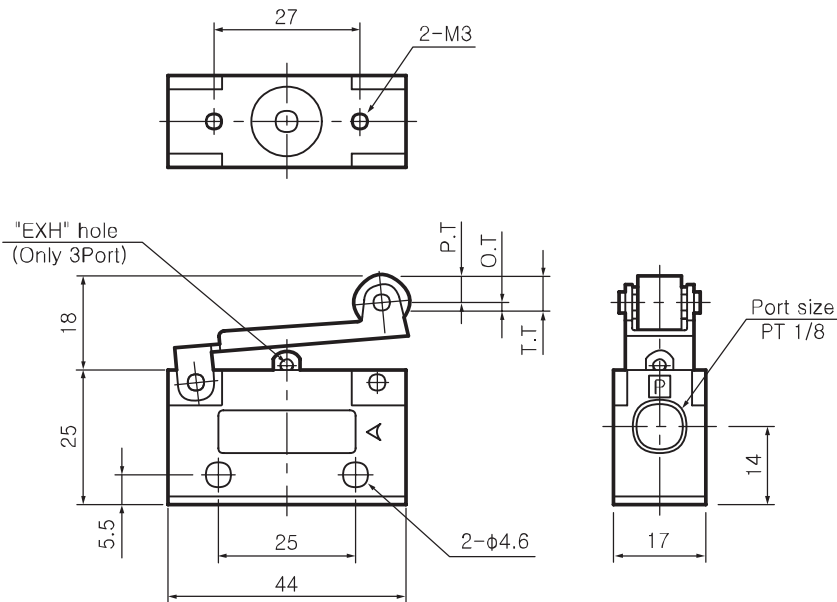
SKP

● DIMENSIONS(mm)

SMV 121-01-01

131-01-01

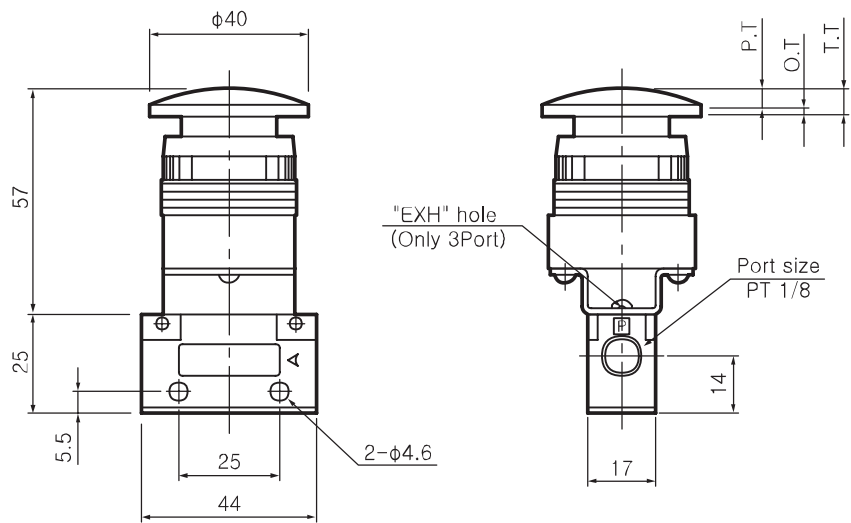
P.T	1.5
O.T	4.0
T.T	5.5



SMV 120-01-30

130-01-30

P.T	5.4
O.T	1.6
T.T	7.0



SMV

SMV100 Series

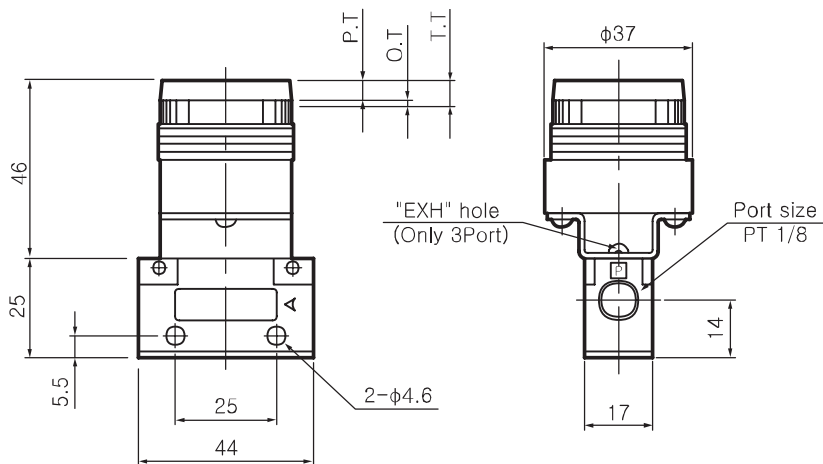


● DIMENSIONS(mm)

SMV 120-01-32

130-01-32

P.T	5.4
O.T	1.6
T.T	7.0



SMV 120-01-34

130-01-34

T.T	90℃
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