

Mechanical Valve (MV)



SMV

SMV100 Series



SMV120-01-00



SMV131-01-01



SMV120-01-30



SMV130-01-34

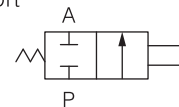
How to order

SMV 1 2 0 - 01 - 00

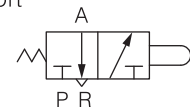
- ① **Mechanical Valve**
- ② **Number of Port**
 - 2 - 2 Port
 - 3 - 3 Port (include "exhaust hole")
- ③ **Rod size**
 - 0 - Standard
 - 1 - For Roller lever (more short)
- ④ **Port size**
 - 01 - Rc(PT) 1/8"
- ⑤ **Type of Actuator**
 - 00 - Standard
 - 01 - Roller lever
 - 30 - Push button(ENG type)
 - 32 - Push button(Flat type)
 - 34 - Selector

Symbol

2 Port



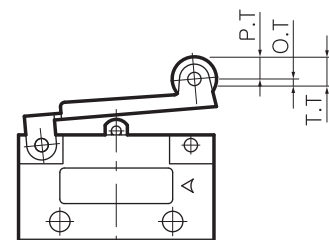
3 Port



Specification

Fluid	Compressed Air
Operating pressure	0~0.8MPa
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 Mechanicla 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.

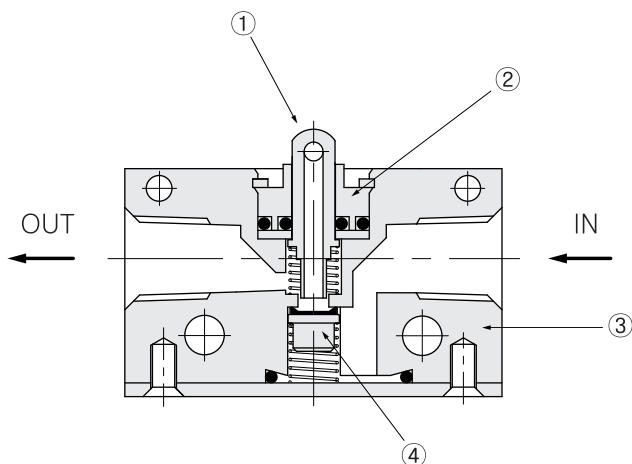


Series SMV100

SMV

● STRUCTURE / PARTS

SMV 100



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

● DIMENSIONS (mm)

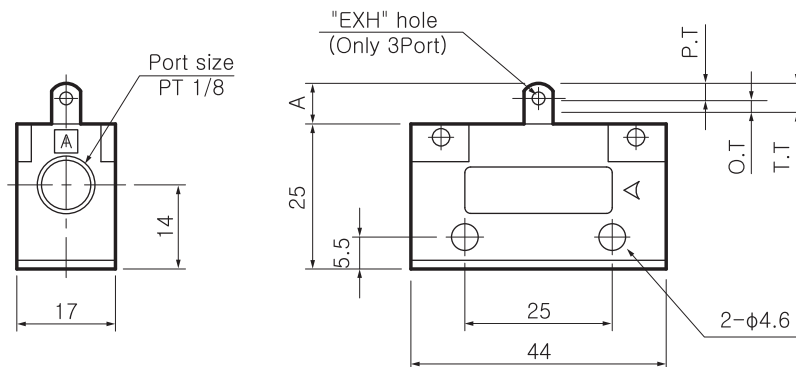
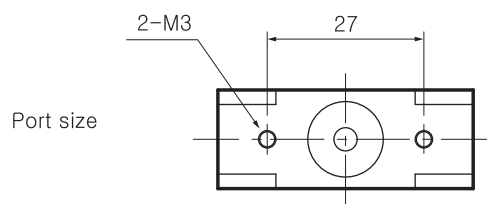
SMV 120-01-00

121-01-00

130-01-00

131-01-00

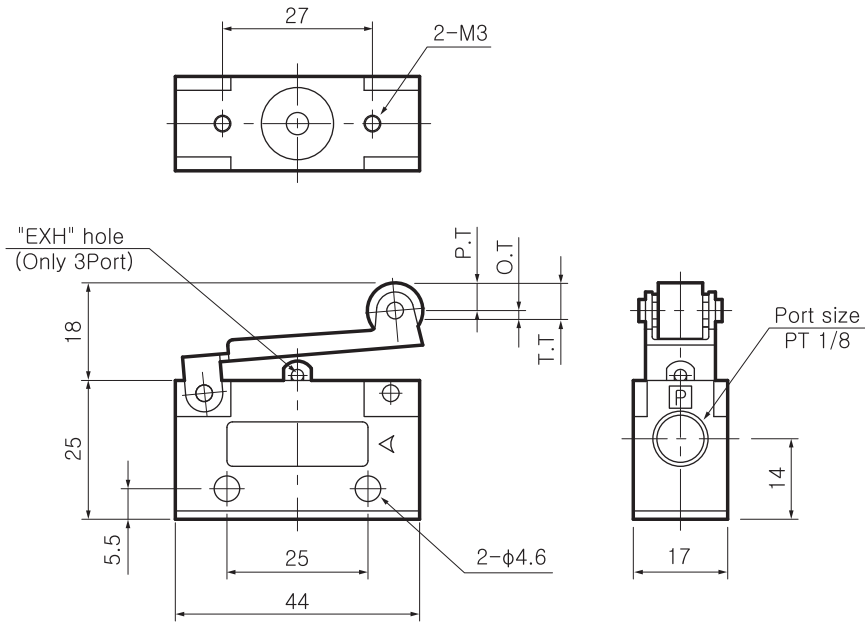
Model	A
SMV120	7.5
SMV130	
SMV121	5.0
SMV131	
P.T	1
O.T	2
T.T	3



● DIMENSIONS (mm)

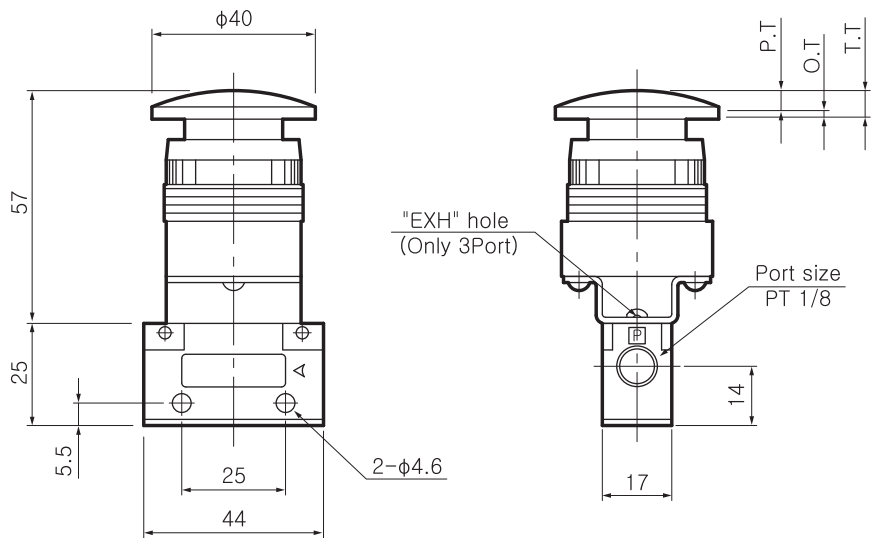
SMV 121-01-01
131-01-01

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

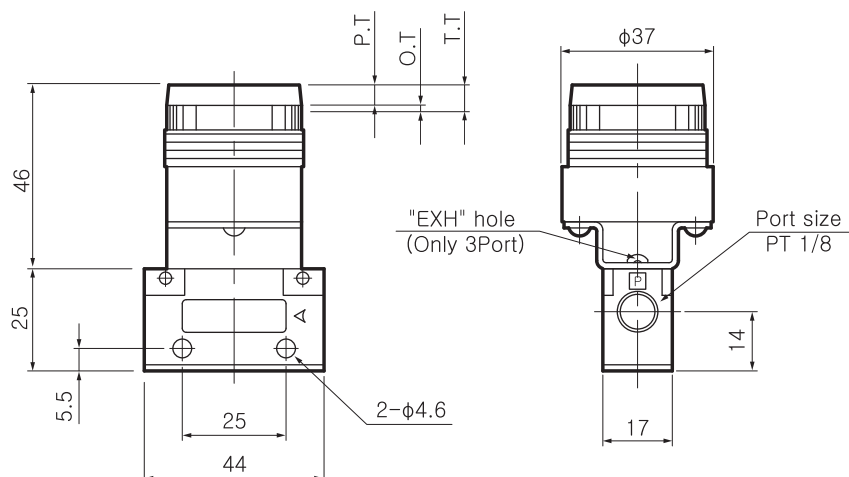


● DIMENSIONS (mm)

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°C
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