

3Port Pilot type Mechanical Valve (MVF)

SMVF231~232 Series



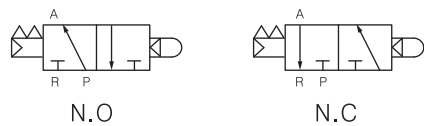
SMVF

■ How to order

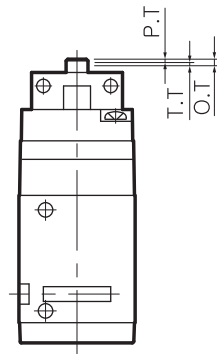
SMVF 2 3 1 - 02 - 30

- ① Pilot type Mechanical Valve
- ② Number of Port
3 - 3 Port
- ③ Function
1 - N.C. (Normal Close)
2 - N.O. (Normal Open)
- ④ Port size
02 - Rc(PT) 1/4"
- ⑤ Type of Actuator
00 - Standard
01 - Roller lever
01S - Roller lever(Bearing type)
30 - Push button(Mushroom type)
31 - Push button(ENG type)
32 - Push button(Flat type)
34 - Selector

■ Symbol



■ Operating point of Mechanical Valve



■ Specification

Fluid	Compressed Air
Operating pressure	0~0.8MPa
Ambient temperature	0 ~ 60℃
Effective orifice(Cv)	19 mm ² (1.0)
Recommended lubricator	Unnecessary/ If necessary, Turbin oil (ISO VG32)
Port size	Rc(PT) 1/4
Weight(Standard)	

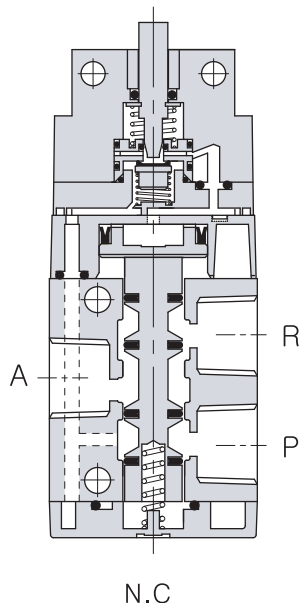
P.T : Working distance from the free position to the operating position of the actuator

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

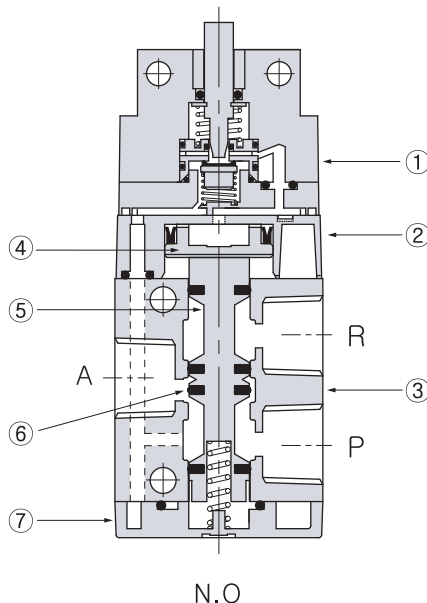
T.T : Working distance from the free position to the operating limit of the actuator.

STRUCTURE / PARTS

SMVF 231



SMVF 232



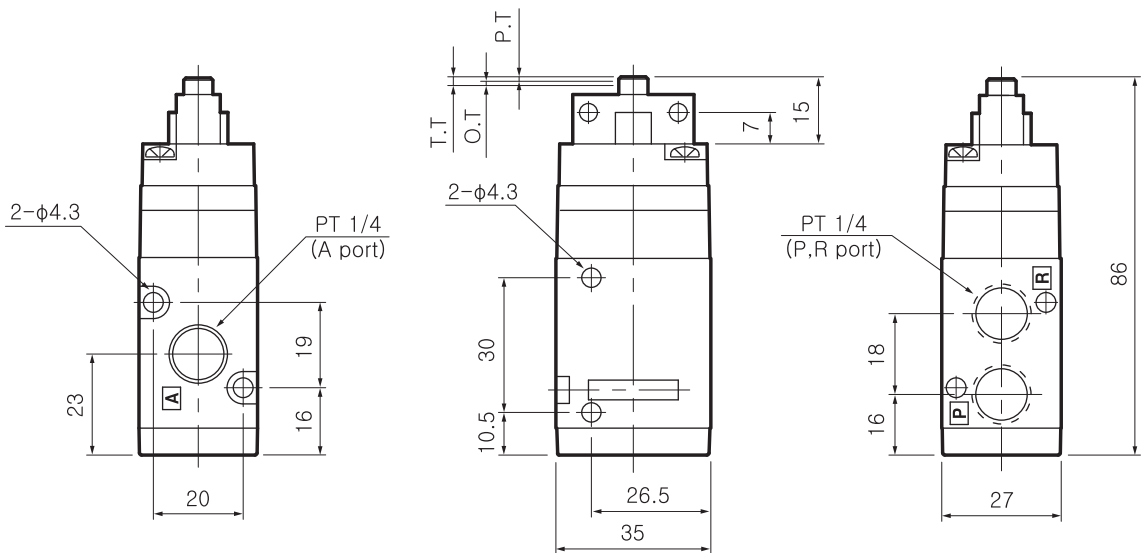
No.	PARTS	MATERIAL
1	Pilot guide	ZnDC
2	Pilot cylinder	ZnDC
3	Body	ALDC
4	Piston	N66G
5	Spool	A2011
6	I-ring	NBR
7	Cover	ZnDC

DIMENSIONS (mm)

SMVF 231-02-00

232-02-00

P.T	1
O.T	2
T.T	3



Pilot type Mechanical Valve Series **SMVF**

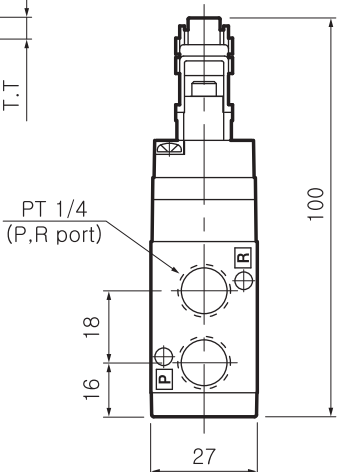
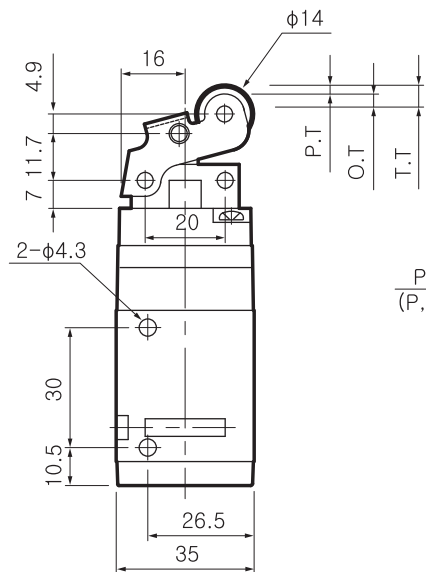
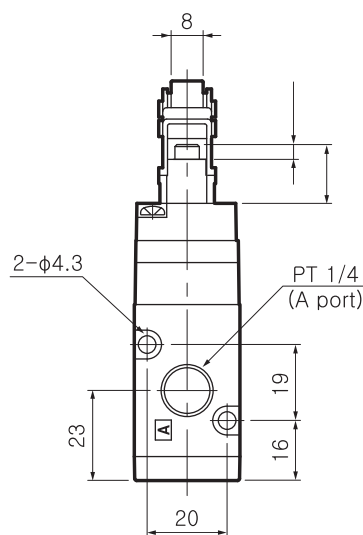
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● DIMENSIONS (mm)

SMVF 231-02-01

232-02-01

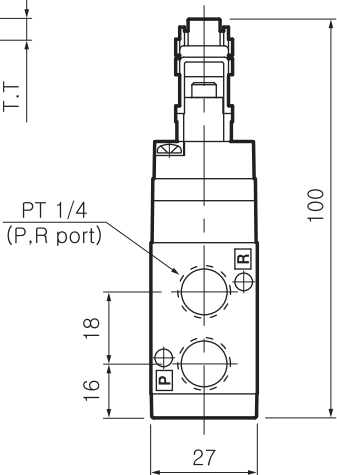
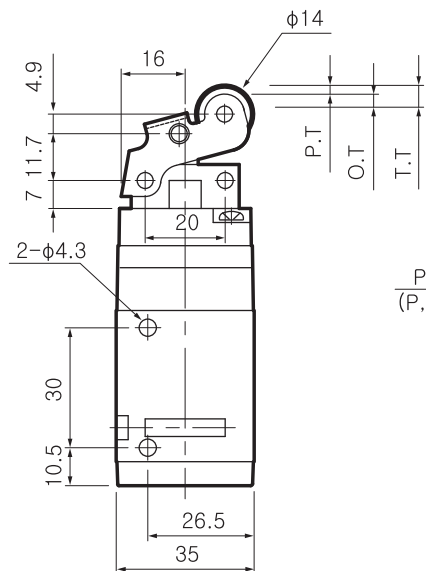
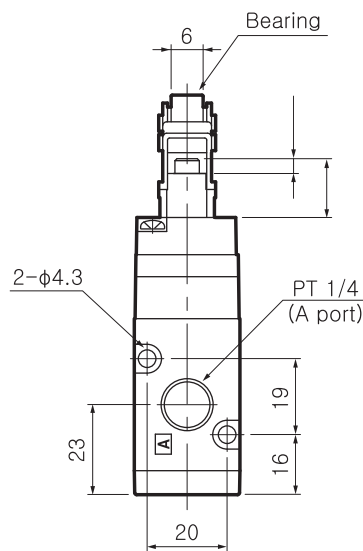
P.T	2.0
O.T	4.0
T.T	6.0



SMVF 231-02-01S

232-02-01S

P.T	2.0
O.T	4.0
T.T	6.0





Series **SMVF231~232**

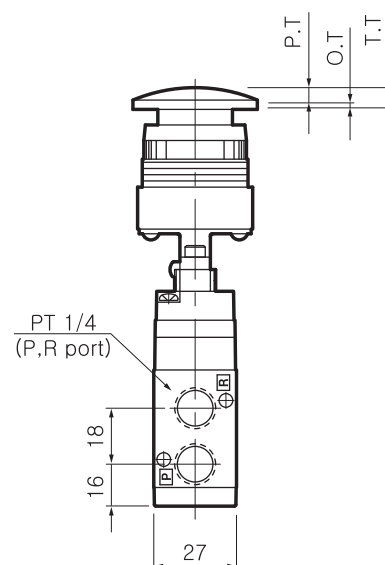
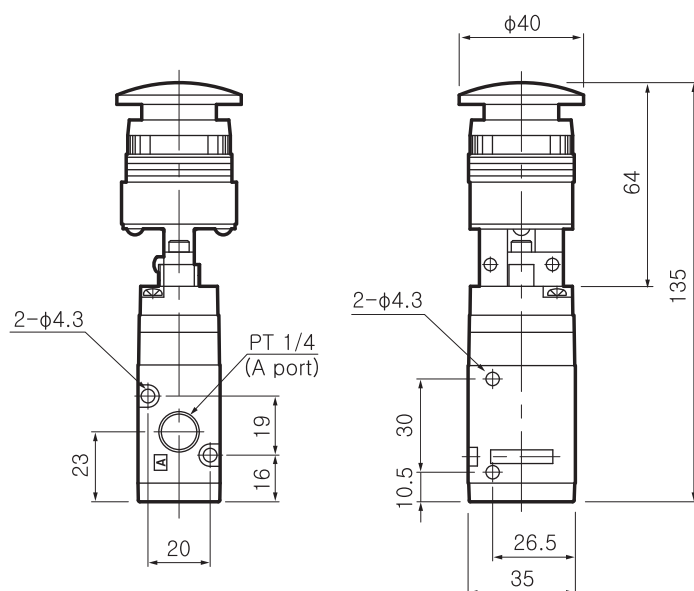
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DIMENSIONS (mm)

SMVF 231-02-30

232-02-30

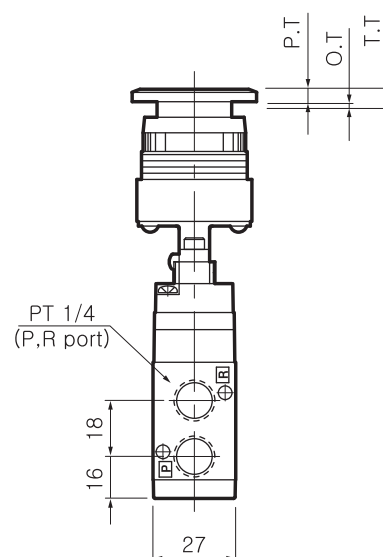
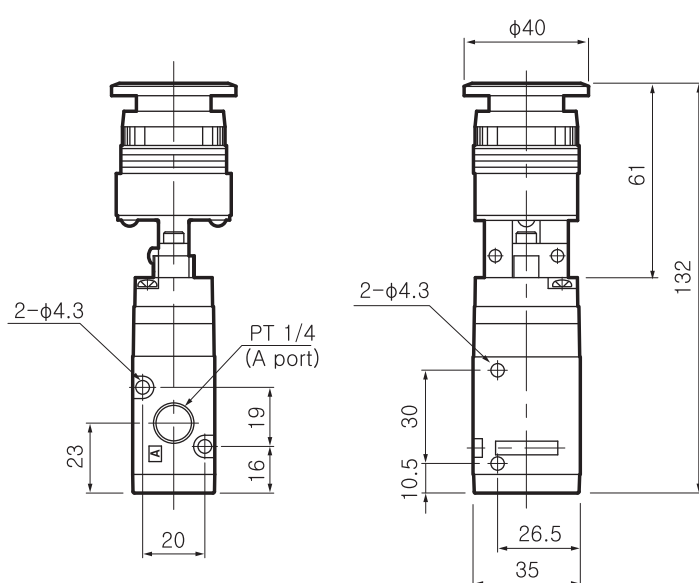
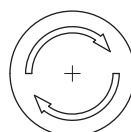
P.T	6.0
O.T	2.0
T.T	8.0



SMVF 231-02-31

232-02-31

T.T	8.0
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Pilot type Mechanical Valve Series **SMVF**

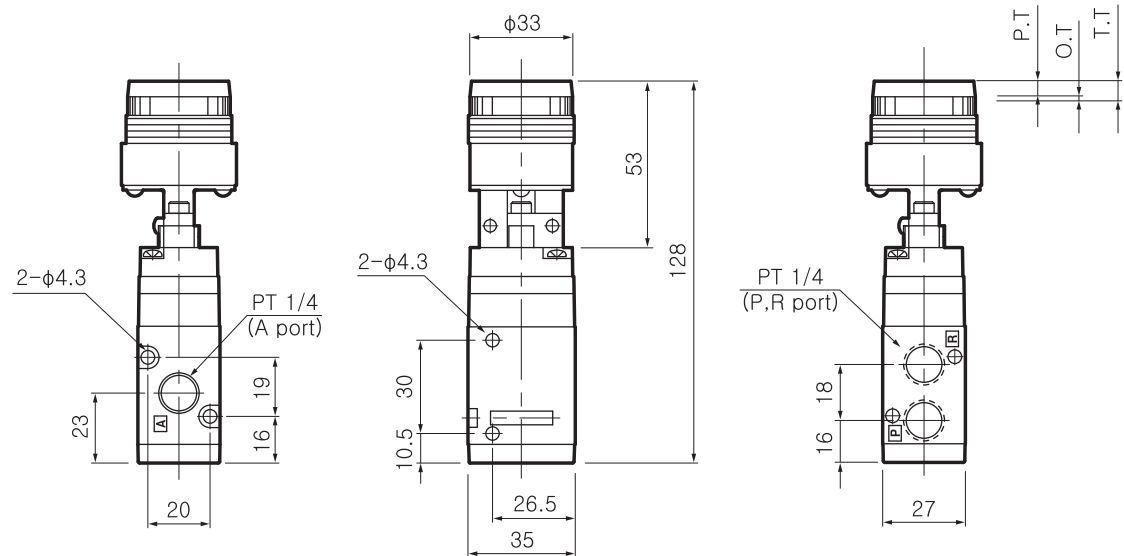
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● DIMENSIONS (mm)

SMVF 231-02-32

232-02-32

P.T	6.0
O.T	2.0
T.T	8.0



SMVF 231-02-34

232-02-34

T.T	90 °C
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