



Auto Drain kit

SAD

SAD300~400 Series

- Convenient use by attached one-touch fitting.
- Auto-drain kit for both automatic and manual operation.
- Diverse port size of a drain hose makes your choice various.



■ How to order

SAD 400 F - - M16

① **Auto Drain** •

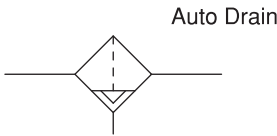
② **Body Size** •
300
400

③ **A method for drain** •
F - Float type

④ **Connection for Automatic drain** •
Nil - One-touch fitting : $\phi 6\text{mm}$
N - Nipple : Rc(PT) 1/8

⑤ **Thread size & material** •
M16 - $\phi 16\text{mm}$ & acetal
M16Br - $\phi 16\text{mm}$ & brass
M14Br - $\phi 14\text{mm}$ & brass

■ Symbol



■ Specification

Fluid	Compressed air
Max. operating pressure	1.0MPa [10.2 kgf/cm ²]
Min. operating pressure	0.15MPa [1.5 kgf/cm ²]
Max. supply pressure	1.5MPa [15.3 kgf/cm ²]
Ambient and media temperature	1.5 ~ 60℃
Automatic Drain Connection	6mm / Rc(PT) 1/8"
Pressure to close drain	Greater than 0.5 kgf/cm ²
Pressure to open drain	Less than 0.5 kgf/cm ²

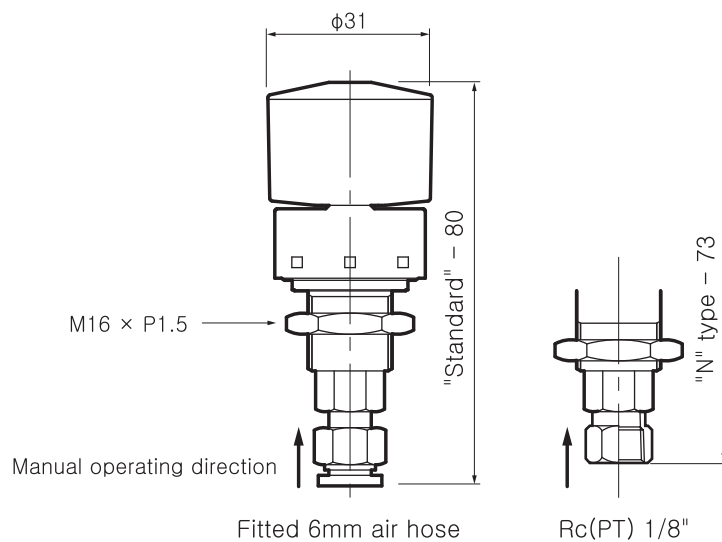
■ Materials

Manual pusher : Br
Cylinder, Cover and Buoy : acetal
Gaskets: NBR
Packing and Valve : NBR
Spring: stainless steel
PIF collet: Zn plated diecasting
Rubber ring - NBR

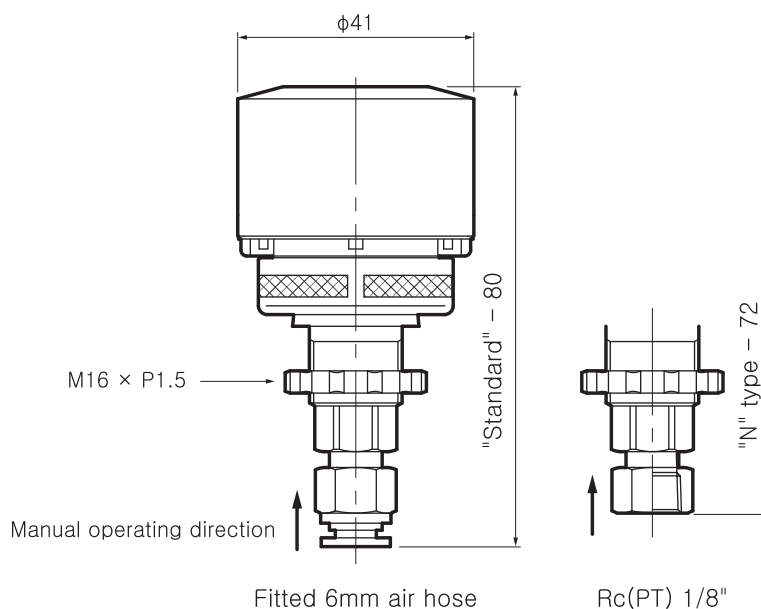


● DIMENSIONS (mm)

SAD 300

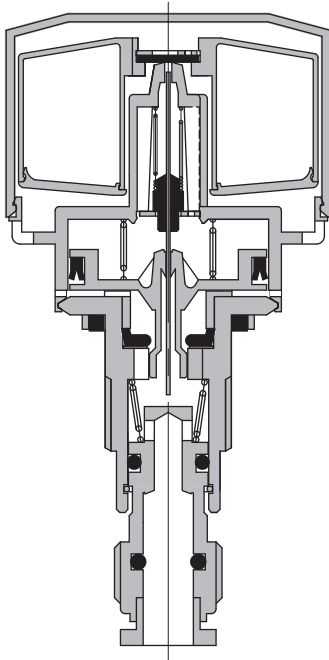


SAD 400

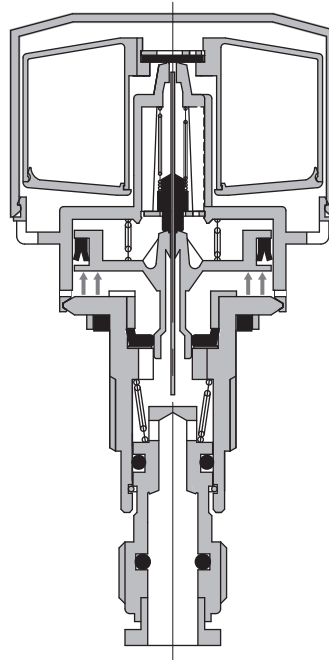


• Working principle

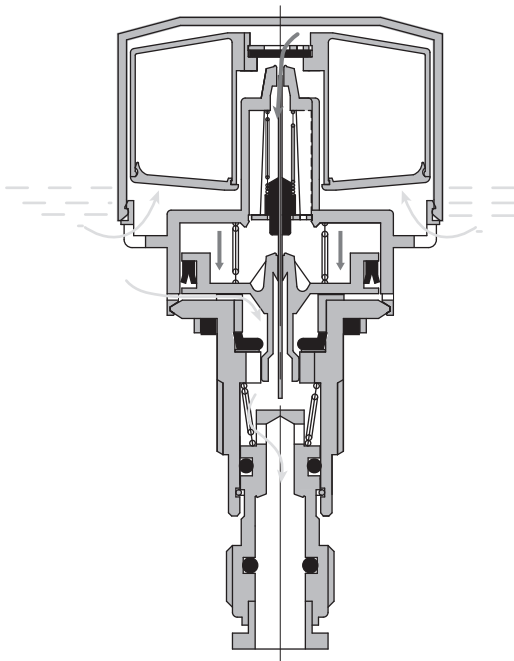
① When the pressure inside the bowl is released:



② When pressure is applied inside the bowl



③ When there is an accumulation of condensate in the bowl:



④ When manual drain is used:

