

Air Regulator (AR)

SAR

SAR2000M~6000M Series SAR2000T~6000T Series



■ How to order

SAR 40 00 M - 04 BG

① Air regulator

② Body Size

20 - 1/4

30 - 3/8

40 - 1/2

60 - 1

③ Handle type

M - Standard

T - T type handle

note) SAR3000T is not modular type.

④ Port Size

	Body size			
	20	30	40	60
02 (Rc1/4)	●			
03 (Rc3/8)		●		
04 (Rc1/2)			●	
06 (Rc3/4)			●	●
10 (Rc1)				●

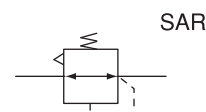
⑤ Accessory(Optional)

Nil - None Gauge / None Bracket

B - Bracket

G - Gauge

■ Symbol



■ Specification

Max. supply pressure	1.5MPa [15.3 kgf/cm ²]			
Max. operating pressure	0.97MPa [9.9 kgf/cm ²]			
Regulating range	50~850kPa [0.5~8.7 kgf/cm ²]			
Ambient and media temperature	5 ~ 60 °C			
Port size for Gauge (Rc)	AR2000 1 / 8	AR3000 1 / 8	AR4000 1 / 4	AR6000 1 / 4
Construction / Regulator	Relief type			

■ Precautions

① <Standard type handle>

To unlock the handle, pull it until the orange marked underneath it shows. And then push the regulating handle again to lock after setting pressure.

<T type handle>

To unlock, unscrew the nut attached to the regulating handle. To lock, screw the nut after setting pressure.

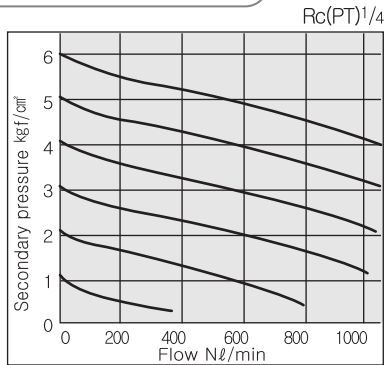
② When regulating pressure, turning the handle to the right raises the pressure of secondary side. Turning to the opposite(left) direction drops the pressure.

③ Regulating pressure range of the secondary side is less than 85% of the first side.

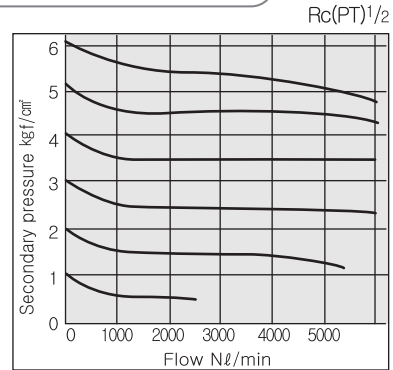
● FLOW CHARACTERISTICS

Condition: Inlet pressure 7kg/cm²

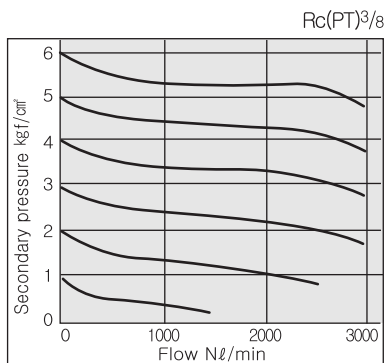
SAR 2000M / 2000T



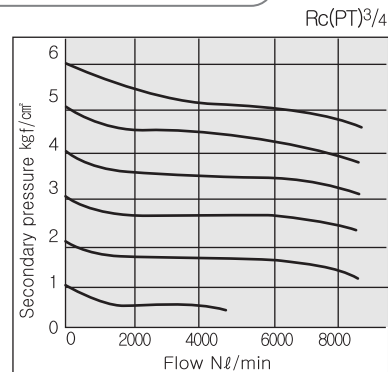
SAR 4000M / 4000T



SAR 3000M / 3000T



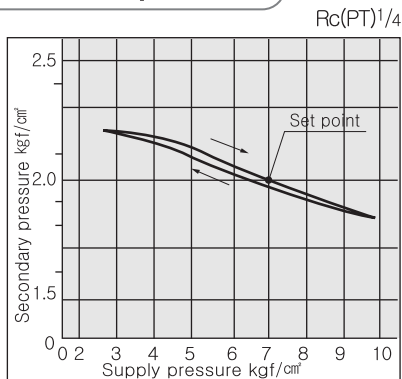
SAR 6000M / 6000T



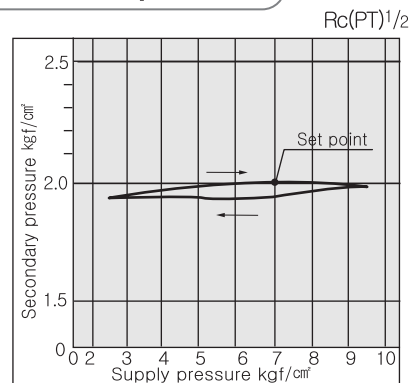
● PRESSURE CHARACTERISTICS

Condition: Inlet pressure 7kg/cm² Outlet pressure 2kg/cm² Flow rate 20ℓ/min (ANR)

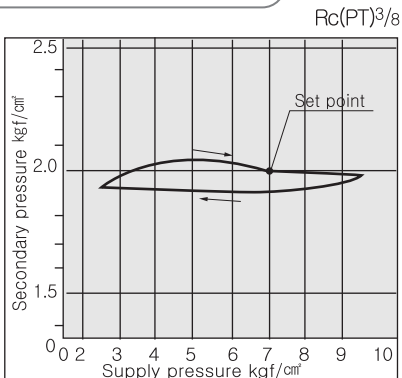
SAR 2000M / 2000T



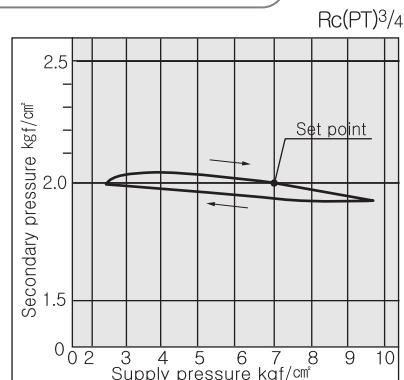
SAR 4000M / 4000T



SAR 3000M / 3000T

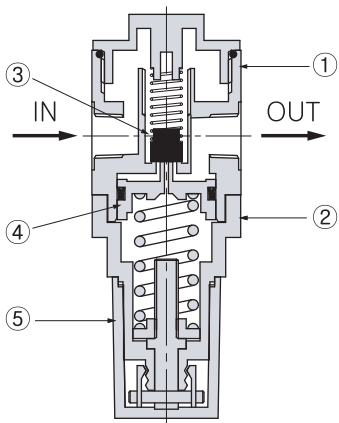


SAR 6000M / 6000T

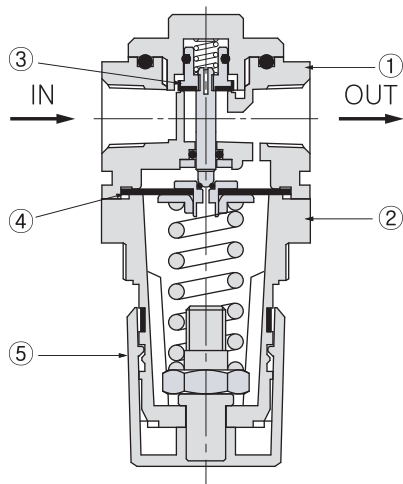


STRUCTURE / PARTS – With standary handle

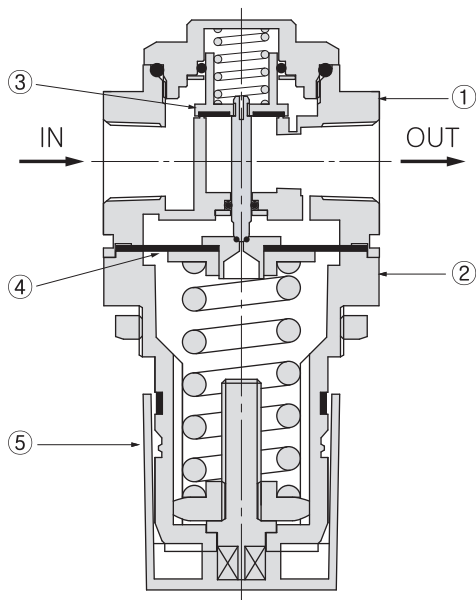
SAR 2000M



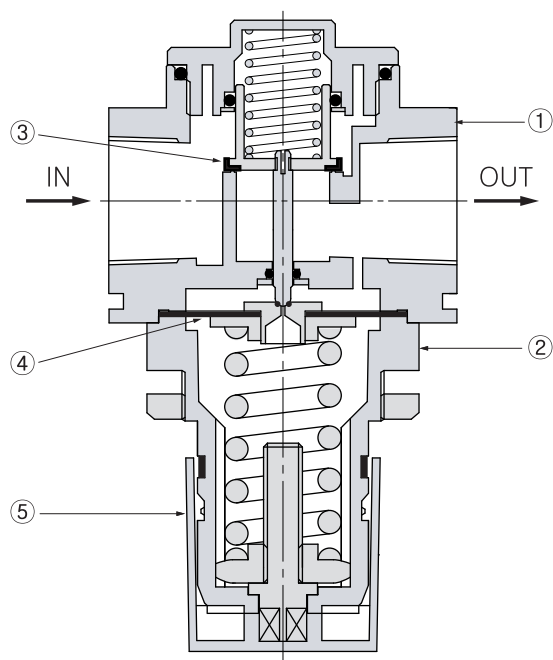
SAR 3000M



SAR 4000M



SAR 6000M

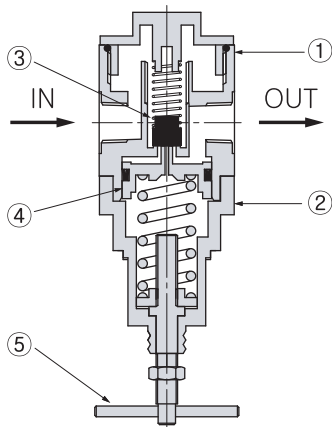


No.	PARTS	MATERIAL			
		AR2000M	AR3000M	AR4000M	AR6000M
1	Body	ALDC	ALDC	ALDC	ALDC
2	Cover	N66G	N66G	ALDC	ALDC
3	Check valve	NBR	NBR	NBR	NBR
4	Diaphragm ¹⁾	N66G	NBR	NBR	NBR
5	Knob Handle	N66G	N66G	N66G	N66G

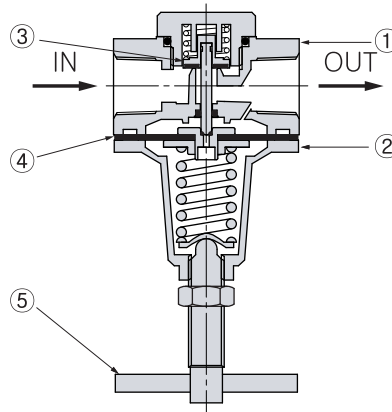
Note 1) SAR2000M is not diaphragm type but piston type.

• STRUCTURE / PARTS – With T type handle

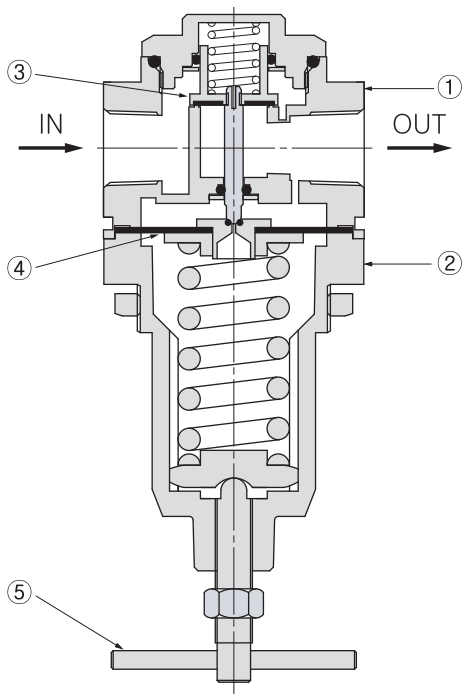
SAR 2000T



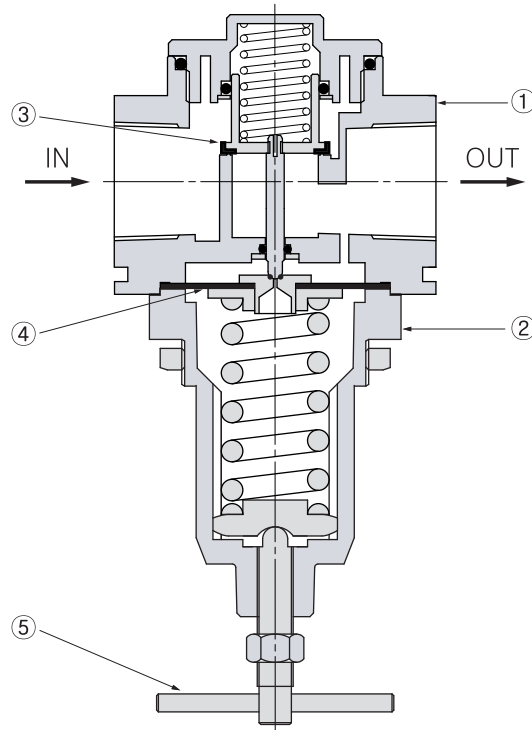
SAR 3000T



SAR 4000T



SAR 6000T



No.	PARTS	MATERIAL			
		AR2000T	AR3000T	AR4000T	AR6000T
1	Body	ALDC	ALDC	ALDC	ALDC
2	Cover	N66G	ALDC	ALDC	ALDC
3	Check valve	NBR	NBR	NBR	NBR
4	Diaphragm ¹⁾	N66G	NBR	NBR	NBR
5	T- Handle	Bs	STEEL	STEEL	STEEL

Note 1) SAR2000M is not diaphragm type but piston type.

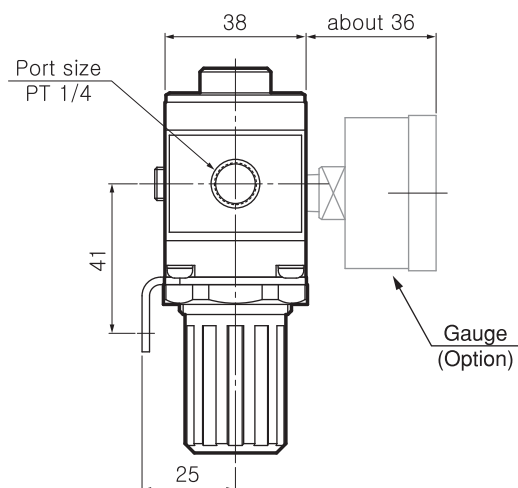
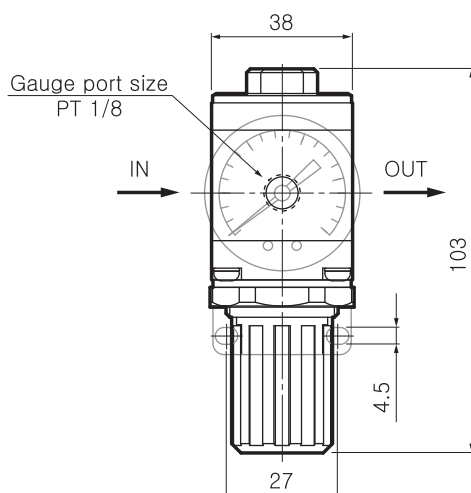


● DIMENSIONS (mm)

SAR 2000M

■ with **Standard** handle

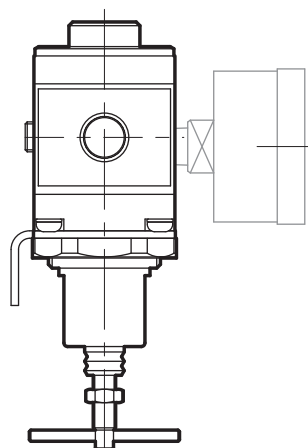
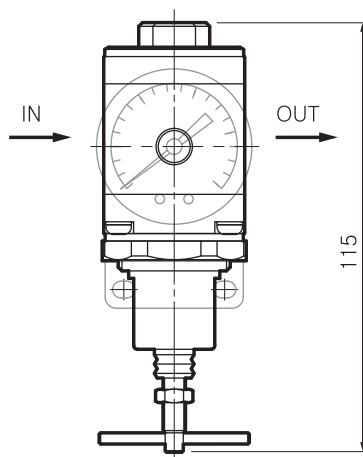
SAR2000M-02□□

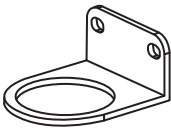


SAR 2000T

■ with **T-type** handle

SAR2000T-02□□



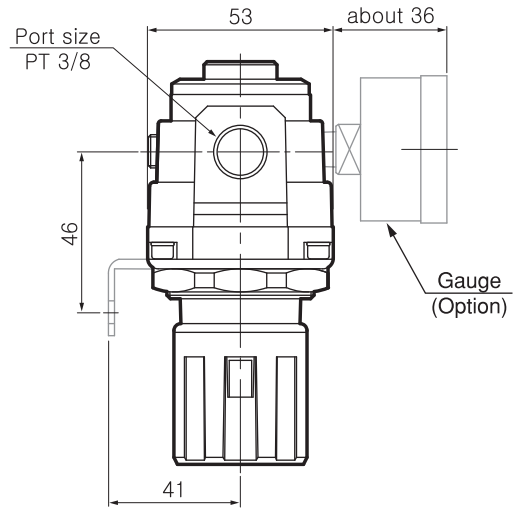
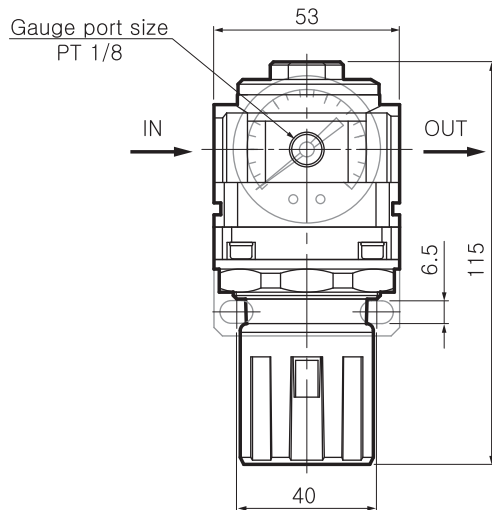
Option	G : Gauge	B : Bracket
Dimension	 Model : G40 PT 1/8 φ42	 B220

● DIMENSIONS (mm)

SAR 3000M

■ with **Standard** handle

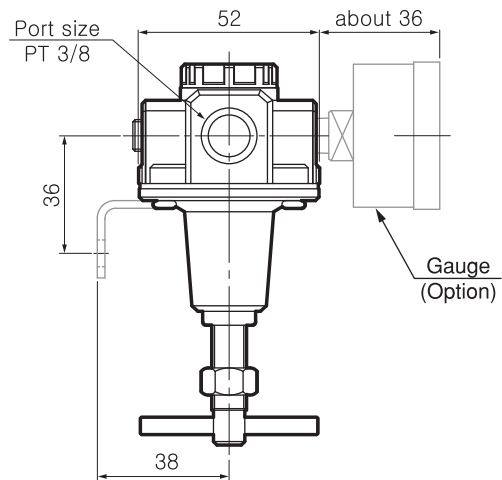
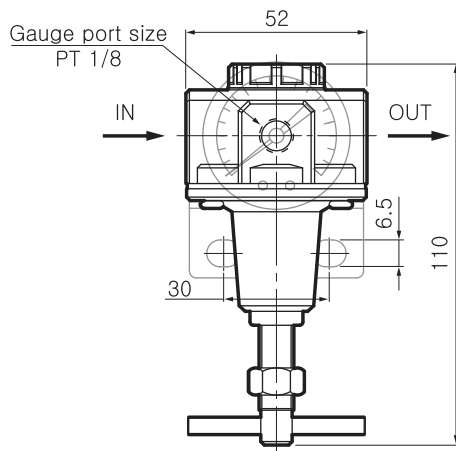
SAR3000M-03□□



SAR 3000T

■ with **T-type** handle

SAR3000T-03□□



Option	G : Gauge	B : Bracket
Dimension	 Model : G40 PT 1/8 φ42	 B320



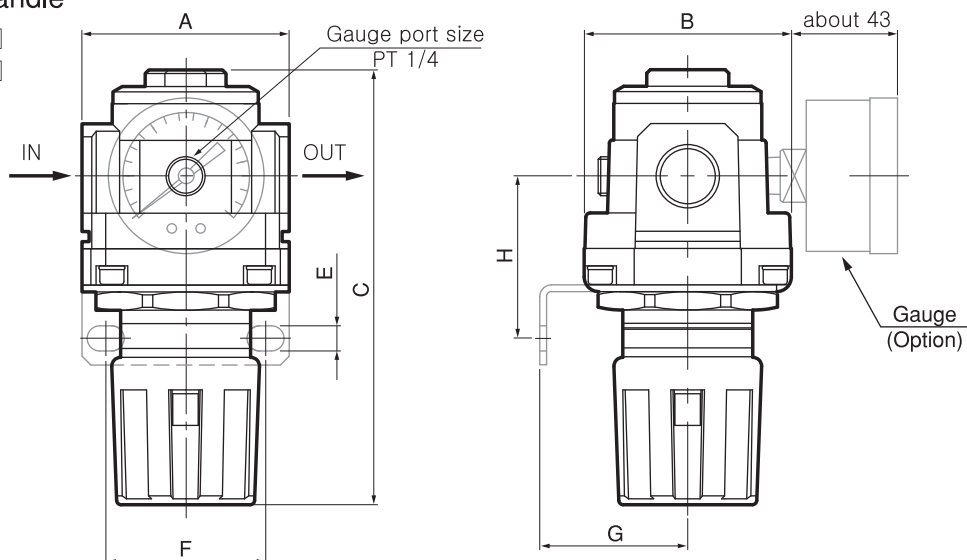
DIMENSIONS (mm)

SAR 4000M

■ with Standard handle

SAR4000M-04□□

SAR4000M-06□□

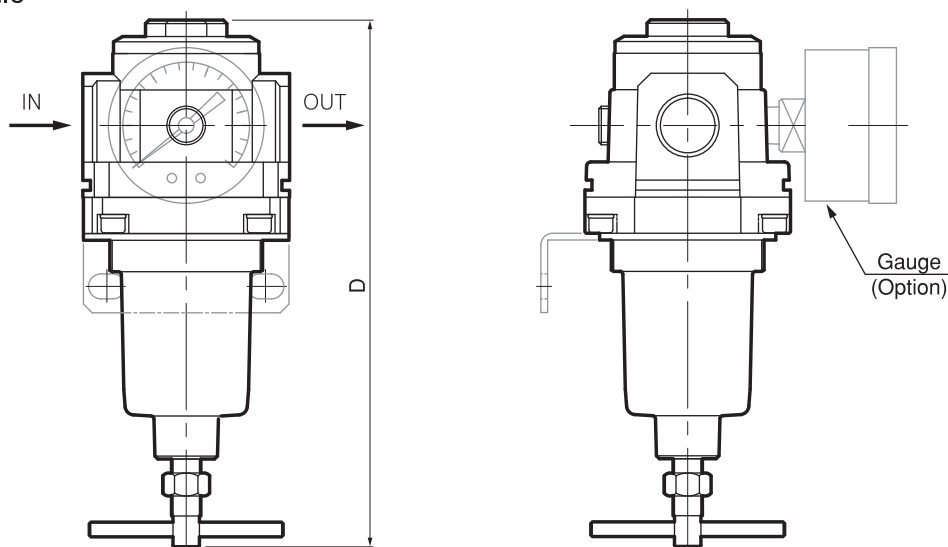


SAR 4000T

■ with T-type handle

SAR4000T-04□□

SAR4000T-06□□



Option	G : Gauge	B : Bracket
Dimension	 Model : G40 PT 1/8 φ42	 B420

Model	Port size (PT)	A	B	Height		E	F	G	H
				C	D(T)				
SAR4000M(T)-04	1/2	70	70	145	180	8.5	54	50	54
SAR4000M(T)-06	3/4	75	70	149	184	8.5	54	50	56

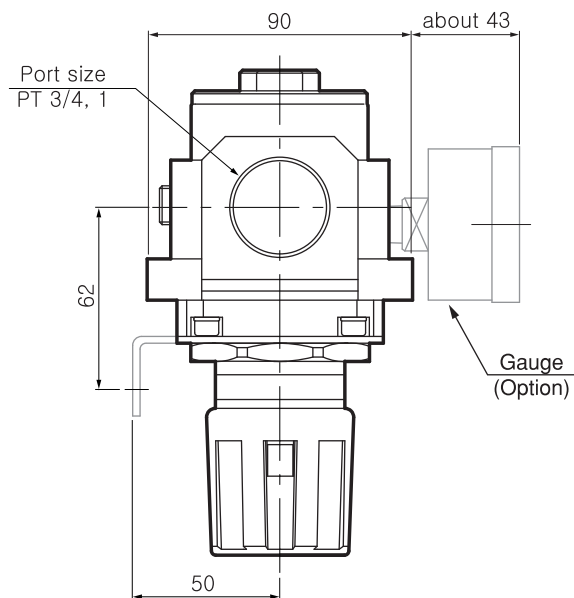
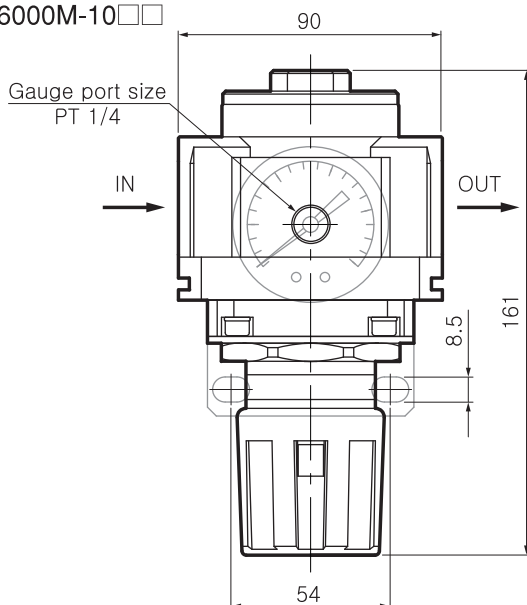
● DIMENSIONS (mm)

SAR 6000M

■ with **Standard** handle

SAR6000M-06□□

SAR6000M-10□□

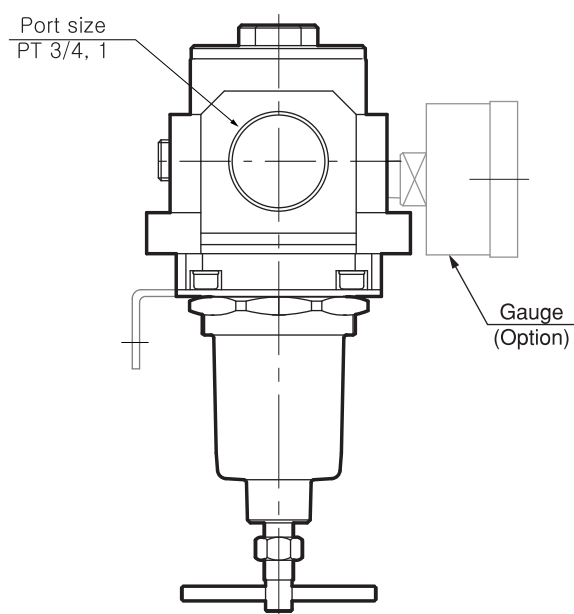
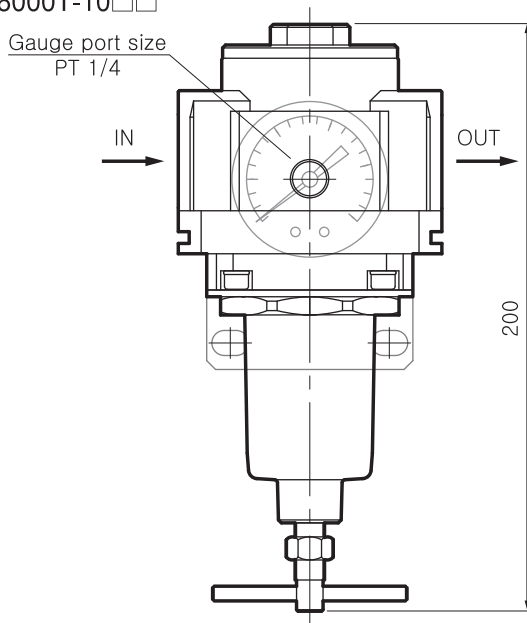


SAR 6000T

■ with **T-type** handle

SAR6000T-06□□

SAR6000T-10□□



Option	G : Gauge	B : Bracket
Dimension	 Model : G40 PT 1/8 φ42	 B420