

# Series PR5

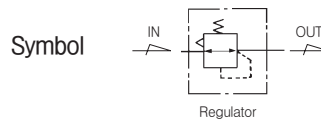
## Regulator 3/4" and 1"



### Standard Specifications

Fluid	Air	
Max. Operating Pressure (MPa)	1.0(140psi)	
Proof Pressure (MPa)	1.5(200psi)	
Set Pressure	Standard	0.05~1.0
Range(MPa)	Madd to Order Specifications	0.05-0.2(7~30psi), 0.05-0.47(7~60psi), 0.05-1.5(7~200psi)
Ambient and Fluid Temperature (°C)	-5~60(23~140° F) (Non-freezing)	
Flow Capacity ※	3/4"	8,200(290scfm)
(N l /min)	1"	9,600(339scfm)
Construction	Relieving Sytle	
Port Size for Pressure Gauge (Rc (PT), NPT)	1/8"	
Weight(kg)	1.46(2.43lb)	

※ Test conditions : Supply pressure 0.7MPa(100psi), pre-set pressure 0.6MPa(90psi)



### How to Order

**PR 5 — \* 10 B G — \***

Series (Regulator Unit)

Thread

Blank	Rc(PT)
N	NPT
G	G(PF)

Port Size

06	3/4
10	1

Bracket Option

Blank	None
B	Bracket + Panel Nut
B1	Panel Nut

Note2) Separately packed, Not assembled.

### Other Option

Blank	Set at 0 to 1.0 MPa, Standard	K	Built-in Check Valve	Note1)
2	Set at 0 to 0.2 MPa	R	Flow direction : Right-Left	Note1)
4	Set at 0 to 0.4 MPa	T	Tamper Resistant Kit	Note1,2)
15	Set at 0 to 1.5 MPa	XC16	Copper-free	
E	Non-Relieving Type			

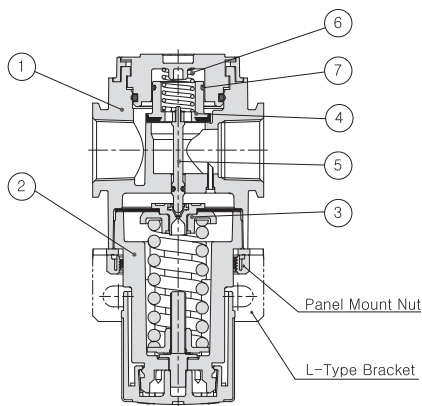
Note1) Refer to page 935 for Built-in check valve, Tamper resistant kit.  
 \*If ordering more than one option, indicate symbols numerically then alphabetically Ex) 2EK  
 \*Over Max. pressure value can be set.

### Pressure Gauge

Symbol	Description	Pressure Range
Blank	None	
G	Integral Pressure Gauge (W/Limit Indicator)	1.0MPa
P	Pressure Gauge	1.0MPa
P2	Pressure Gauge	0.2MPa
P4	Pressure Gauge	0.4MPa

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## Construction



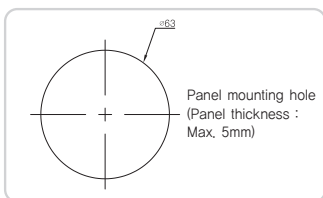
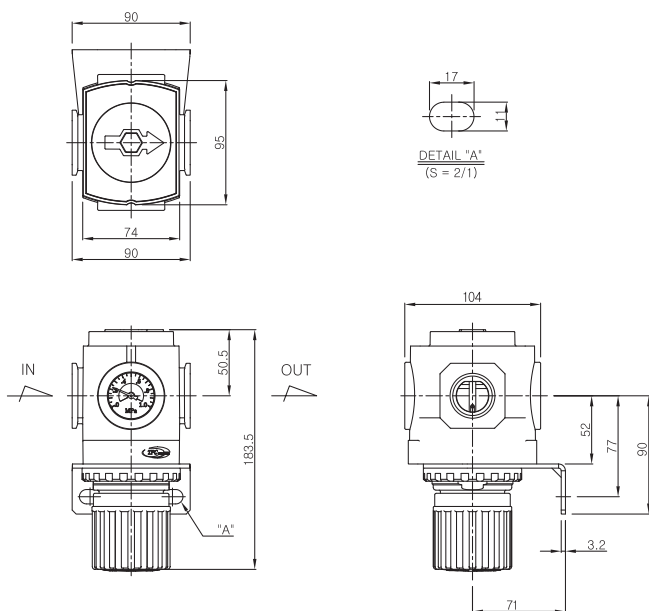
### Main Parts/Parts List

NO.	Description	Material	Remark
①	Body	Aluminum	
②	Bonnet	Aluminum	

### Replacement Parts/Parts List

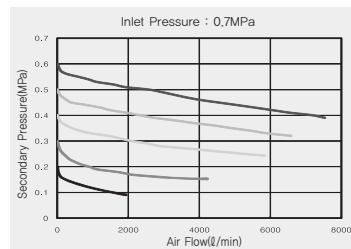
NO.	Description	Material	Part No.
③	Diaphragm Ass'y	Aluminum+NBR	PR5-11A001-01
④	Valve Ass'y	Nylon+NBR	PR5-08A001-01
⑤	Valve Stem	Brass	PR5-09-001-01
⑥	Valve Spring	Stainless Steel	PR5-14-001-01
⑦	Valve O-ring	NBR	S24-01

## Dimensions

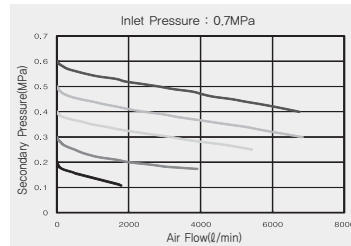


## Flow Characteristics

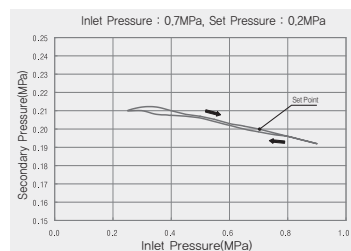
### ▶ 3/4" PR5



### ▶ 1" PR5



## Pressure Characteristics



- PC2
- PF2
- PR2
- PL2
- PP2
- PC3
- PF3
- PR3
- PL3
- PP3
- PC4
- PF4
- PR4
- PL4
- PP4
- PC5
- PF5
- PR5**
- PL5
- PP5
- PFH(U)2~  
PFH(U)5
- PPH(U)3~  
PPH(U)4
- PLV
- PSH
- PCV
- MB