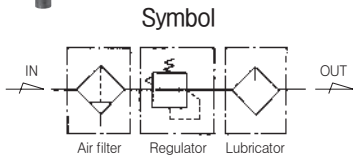


Series PC5

Combination 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(7~140psi)
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"	5,700(201scfm)
	1"	6,100(215scfm)
Filtration (μm)	5	
Construction	Relieving Sytle	
Recommended Oil	ISO VG32 (Turbine Oil 1 Class)	
Port Size for Pressure Gauge (Rc (PT), NPT)	1/8"	
Weight (kg)	4.06(8.95lb)	

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

How to Order

PC 5 A — * 10 D G — * — VWZ

Series (Combination Unit)

Components

Blank	Filter-Regulator-Lubricator
A	Piggyback-Lubricator
B	Filter-Regulator
C	Filter-Coalescing Filter(0.3)-Regulator
D	Piggyback-Coalescing Filter(0.3)
E	Filter-Coalescing Filter(0.01)-Regulator
F	Piggyback-Coalescing Filter(0.01)

Thread

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

Port Size

06	3/4
10	1

Drain Option

Blank	Manual Drain
D	Auto Drain (N,O Type)

Pressure Gauge

Blank	None
G	Integral Pressure Gauge (W/Limit Indicator)
P	Pressure Gauge
P2	Pressure Gauge
P4	Pressure Gauge

Accessories

Symbol	Port Size	Description	Applicable Series
C1	1/8"		PC2~PC3
C2	1/4"	Check Valve	PC2~PC4
C3	3/8"		PC4
H	-	Shut-off Valve	PC2~PC5
M1	1/8"		PC2~PC3
M2	1/4"	Modular Manifold Block Kit	PC2~PC4
M3	3/8"		PC4
V	-	Lock-out Valve	PC2~PC5
W	-	Modular Pipe Adapter Kit	PC2~PC5
Z1	-	Pressure Switch, AC110V	PC2~PC5
Z5	-	Pressure Switch, DC24V	PC2~PC5

Other Option

Blank	Set at 0 to 1.0 MPa, 5μm (Standard)
2	Set at 0 to 0.2 MPa
4	Set at 0 to 0.4 MPa
15	Set at 0 to 1.5 MPa
E	Non-relieving type
J2	Filter element - 20μm
J4	Filter element - 40μm
Q1	Metal Bowl With/Sight Glass
Q2	Metal Bowl NO Sight Glass
K	Built-in Check Valve
L	Life Indicator
R	Flow direction : Right→Left
T	Tamper Resistant Kit
U	Regulator (Top mounted)
X	Copper-free

Note1) Min. operating pressure is 0.15MPa(20psi) for Auto Drain (N,O Type)

Note1)

Symbol	Description	Pressure Range
Blank	None	
G	Integral Pressure Gauge (W/Limit Indicator)	1.0MPa(140psi)
P	Pressure Gauge	1.0MPa(140psi)
P2	Pressure Gauge	0.2MPa(30psi)
P4	Pressure Gauge	0.4MPa(60psi)

Note1)

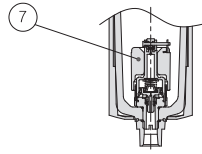
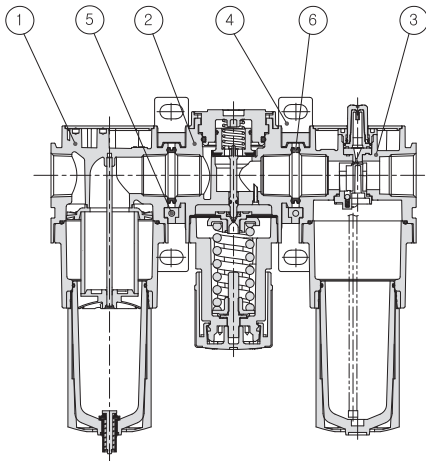
Note2,3)

Blank	Set at 0 to 1.0 MPa, 5μm (Standard)
2	Set at 0 to 0.2 MPa
4	Set at 0 to 0.4 MPa
15	Set at 0 to 1.5 MPa
E	Non-relieving type
J2	Filter element - 20μm
J4	Filter element - 40μm
Q1	Metal Bowl With/Sight Glass
Q2	Metal Bowl NO Sight Glass
K	Built-in Check Valve
L	Life Indicator
R	Flow direction : Right→Left
T	Tamper Resistant Kit
U	Regulator (Top mounted)
X	Copper-free

Note2) Refer to page 935 for Built-in check valve, Tamper resistant kit.
 Note3) Separately packed, Not assembled.
 * If ordering more than one option, indicate symbols numerically then alphabetically Ex) 2EK
 * Over Max. pressure value can be set.

Series PC5

Construction



Auto-Drain Type

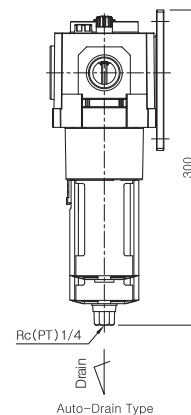
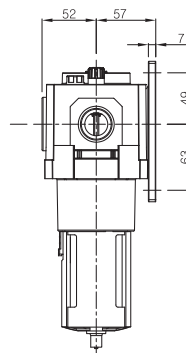
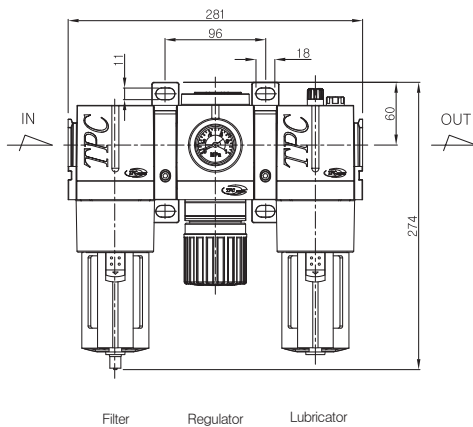
Main Parts/Parts List

NO.	Description	Material	Remark
①	Filter ass'y	-	
②	Regulator ass'y	-	
③	Lubricator ass'y	-	
④	Bracket ass'y	Aluminum	
⑤	Connecting screw	Carbon Steel	

Replacement Parts/Parts List

NO.	Description	Material	Part No.
⑥	Spacer O-ring	NBR	PC5-04-001-01
⑦	Auto-drain ass'y	-	TAF3000-04A-6008

PC5 Dimensions



Auto-Drain Type

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

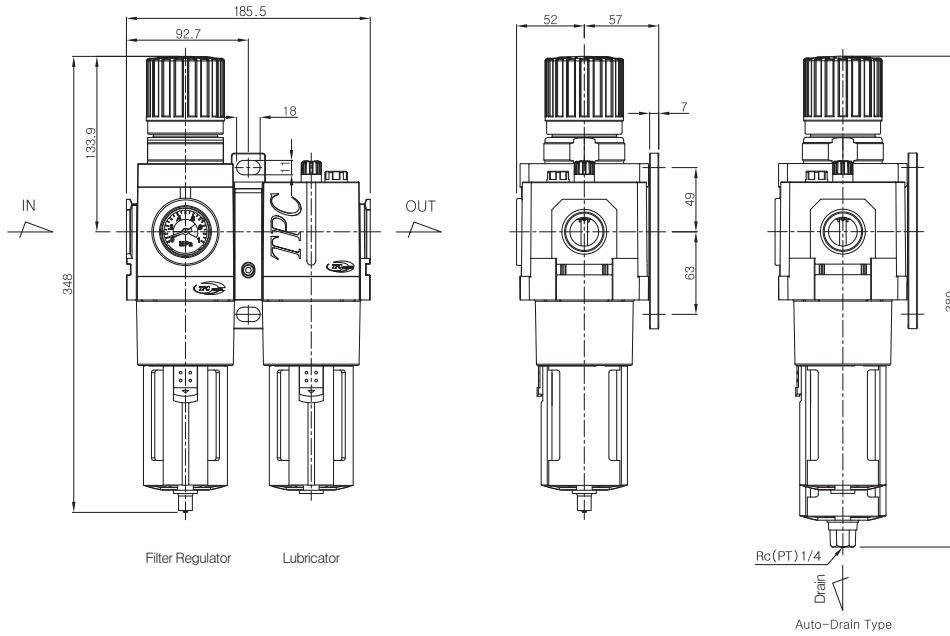
PSH

PCV

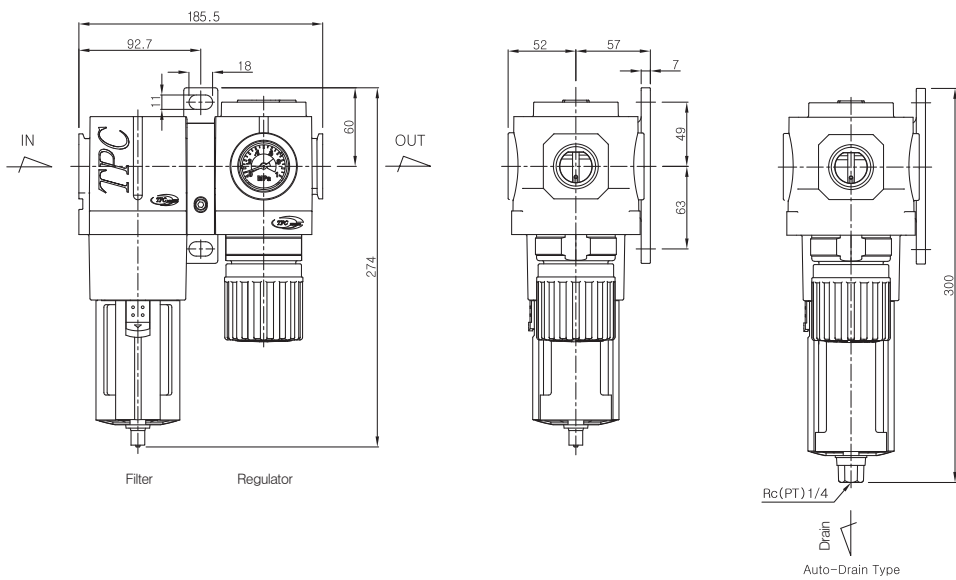
MB

Series PC5

■ PC5A Dimensions



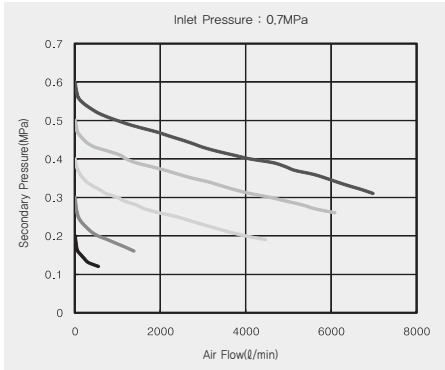
■ PC5B Dimensions



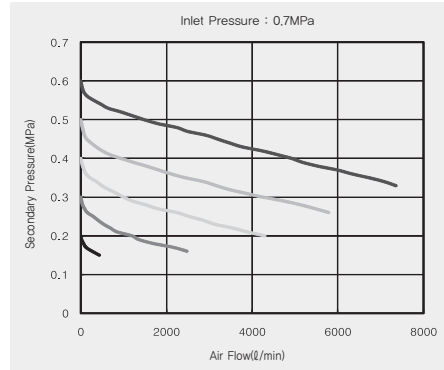
Series PC5

PC5 Series Flow Characteristics

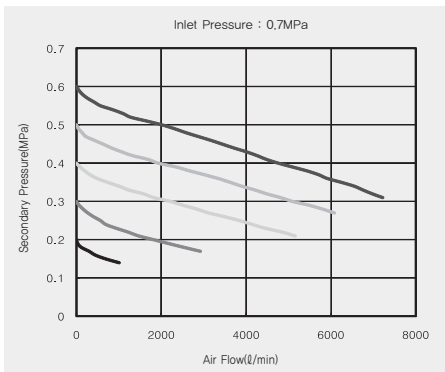
▶ 3/4" PC5



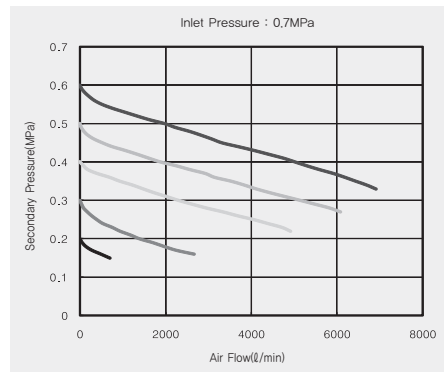
▶ 1" PC5



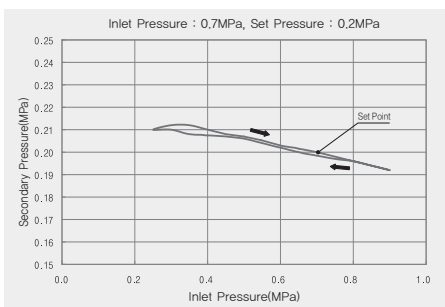
▶ 3/4" PC5A



▶ 1" PC5A



PC5 Series 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