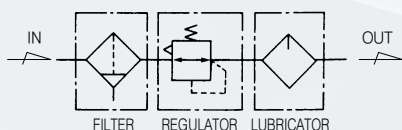


PC5 Series

Combinations 3/4" and 1"



Symbol



Standard Specifications

Fluid		Air
Max. operating pressure (MPa)		1.0(140psi)
Proof pressure (MPa)		1.5(200psi)
Set pressure range (MPa)	Standard	0.05 ~ 1.0(7~140psi)
	Made to order specifications	0.05 ~ 0.2(7~30psi)
		0.05 ~ 0.4(7~60psi)
		0.05 ~ 1.5(7~200psi)
Ambient and fluid temperature (°C)		-5~60(23~140°F) (Non-freezing)
Flow capacity ※	1/4"	5,700(201scfm)
(Nℓ/min)	3/8"	6,100(215scfm)
Filtration (μm)		5
Construction		Relieving style
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 0.7 MPa(100psi), Set pressure 0.6 MPa(90psi)

How to order

PC 5 A — * 10 D G — * — VWZ

Series
(Combination Units)

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 Options

Blank	Manual Push Drain
D	Auto Drain (N.O Type)

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

Pressure Gauge

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)

Accessories

Symbol	Port size	Description	Applicable series
C1	1/8"	Check Valve	PC2~PC3
C2	1/4"		PC2~PC4
C3	3/8"		PC4
M1	1/8"	Modular Manifold Block Kit	PC2~PC3
M2	1/4"		PC2~PC4
M3	3/8"		PC4
V	-	Lock-out Valve	PC2~PC5
W	-	Modular pipe adapter Kit	PC2~PC5
Z	-	Pressure Switch	PC2~PC5

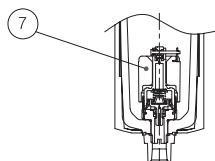
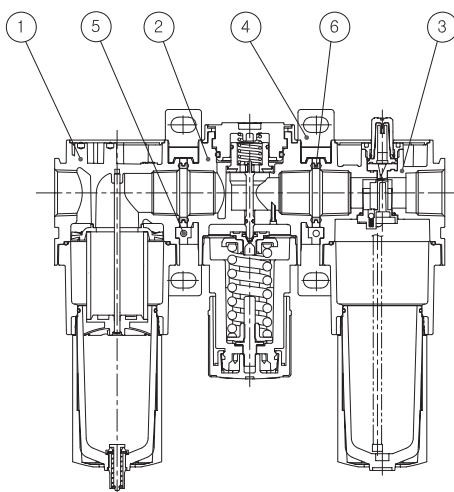
※ Refer to page 62 for how to attach bracket & how to combine the accessories
 ※ When specifying more than one symbol, indicate them alphabetically Ex) VWZ

Other Options

Blank	Set at 0 to 1.0 MPa(140psi), 5μm (Standard)		
2	Set at 0 to 0.2 MPa(30psi)	K	Built-in Check Valve
4	Set at 0 to 0.4 MPa(60psi)	L	Life Indicator
15	Set at 0 to 1.5 MPa(200psi)	R	Flow direction : Right → Left
E	Non-relieving type	T	Tamper Resistant Kit
J2	Filter element - 20μm	U	Regulator (Top mounted)
J4	Filter element - 40μm	XC16	Copper-free

Note2) Refer to page 85 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.

■ Construction



Auto-Drain Type

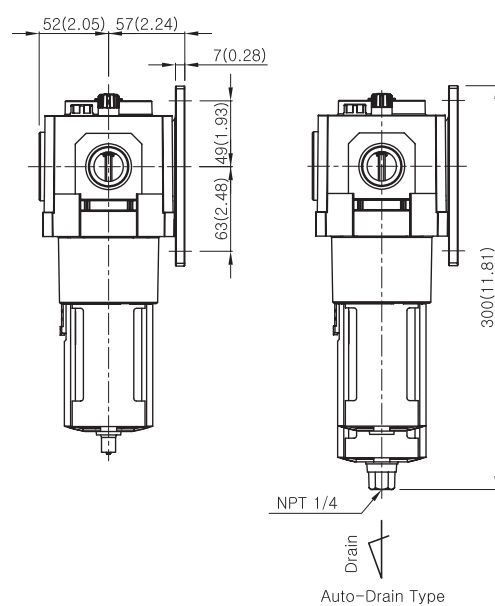
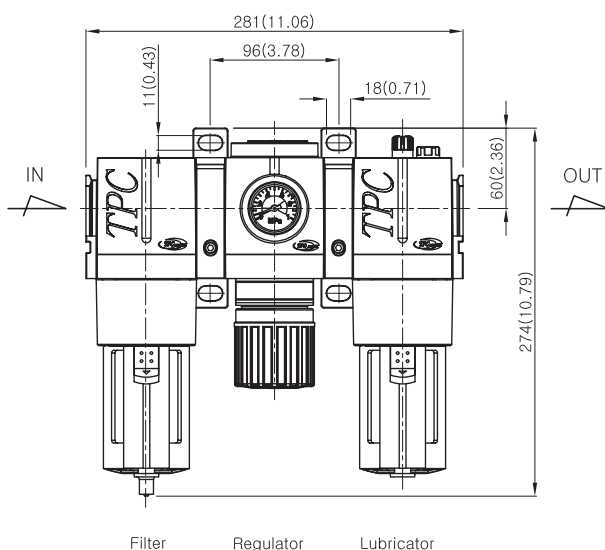
Main Parts / Parts List

No.	Description	Material	Remarks
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

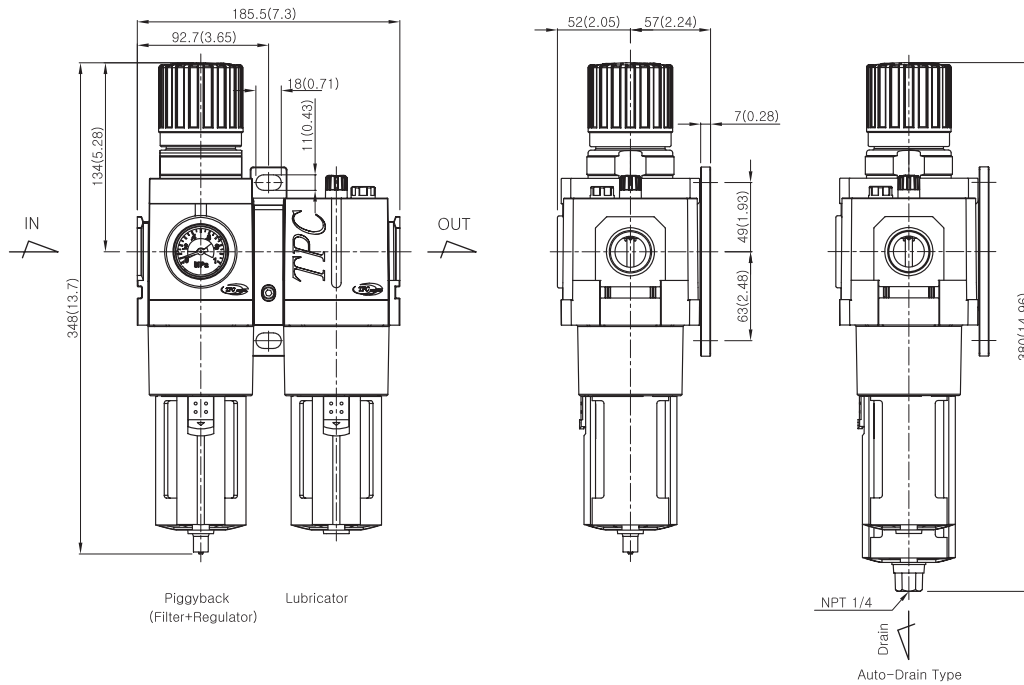
■ Dimensions



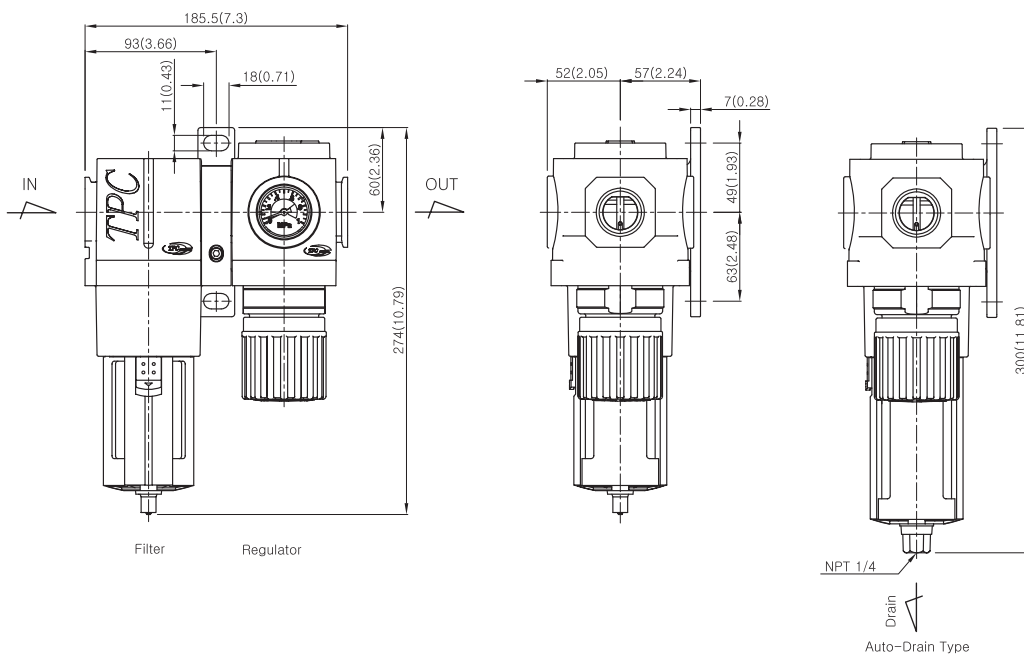
PC5 Series

Combinations 3/4" and 1"

■ PC5A Dimensions

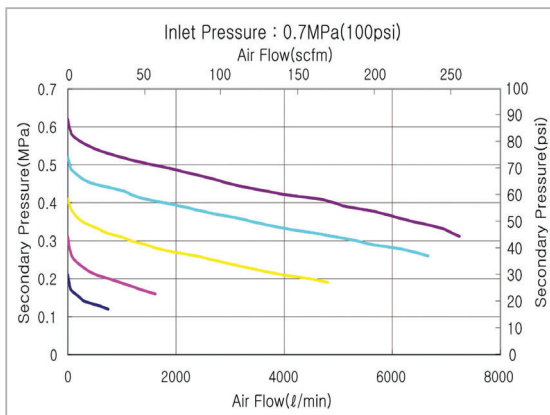


■ PC5B Dimensions

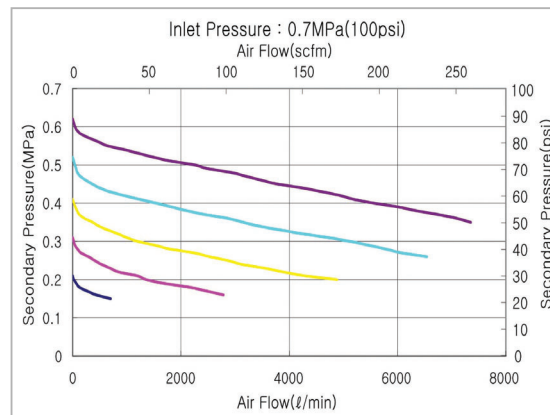


■ PC5 Series Flow Characteristics

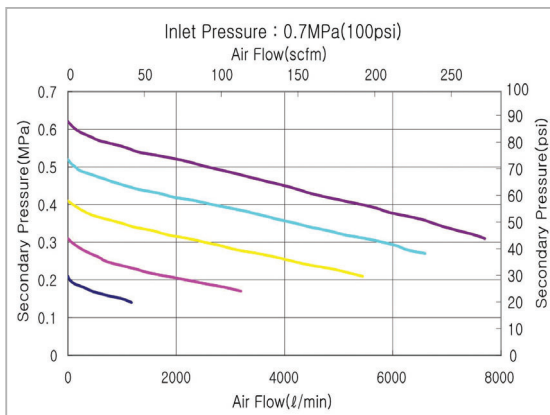
▶ 3/4" PC5



▶ 1" PC5



▶ 3/4" PC5A



▶ 1" PC5A

