

PC08 Series

5 Port Pilot Operated Solenoid Valve
Rubber Seal/Sub-base Mounting Type

PCS2408

2-position, single solenoid

PCD2408

2-position, double solenoid

PCD3408

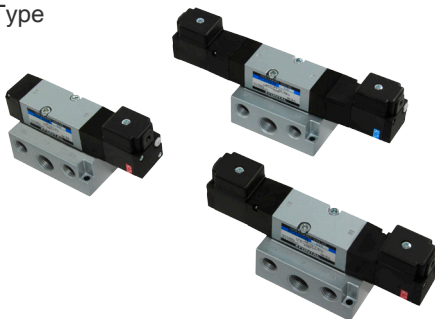
3-position, closed center

PCE3408

3-position, ABR connect

PCO3408

3-position, PAB connect



Specifications

Model No.				Unit	PCS2408	PCD2408	PCD3408 PCE3408	PCO3408
Fluid					Non-lubricated/lubricated air			
Port size					Ports 1, 2 & 4: RC⅝		Ports 3 & 5: RC¼	
Effective area				mm²	30		25	14
Cv value					1.63		1.36	0.76
Operating ambient temperature				℃	-5~50			
Pressure range				MPa	0.2~0.8			
Maximum frequency				cycle/min	180			
0.5Mpa response time				s	ON 0.035 OFF 0.045	ON 0.02	ON 0.025 OFF 0.035	
Rated voltage				V	AC110, 220, DC24			
Grade of insulation					JIS grade B			
Permissible voltage fluctuation				%	AC±10, DC+10 - 15			
Rated frequency				Hz	50 / 60			
Power consumption	AC	Holding	50Hz	VA	(110 / 220) 3.2			
			60Hz	VA	(110 / 220) 2.6			
		Inlush	50Hz	VA	(110 / 220) 5			
			60Hz	VA	(110 / 220) 4.5			
Power consumption DC				W	2			
Wiring					Lead wire, Grommet with terminal, Conduit with terminal, DIN connector			
Mass				kg	0.35	0.42	0.58	0.58

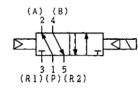


- Supply complete-dry air to avoid freezing when temperature of valve site falls below 5°C
- Response time shown above is in accordance with JIB B 8375
- Effective area shown above is the value between port 1 and 2, 4

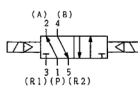
PC/RC06, 08, 15

Model No.

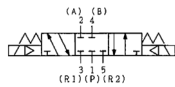
PCS2408



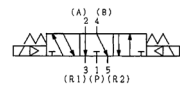
PCD2408



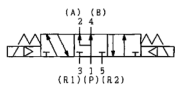
PCD3408



PCE3408



PCO3408



PCS2408-03-110 L L

Manual override

No mark : Standard (Non locking)
※ L : With locking button

Wiring

- L : Lead wire
- G : Grommet with terminal
- C : Conduit with terminal
- ※ GK: Grommet with surge suppressor
- ※ CK: Conduit with surge suppressor
- D : DIN connector
- DK : DIN connector with surge suppressor

Voltage

110: AC110V
220: AC220V
D24: DC24V

Port size

03 : RC $\frac{3}{8}$
NB : Without sub-base

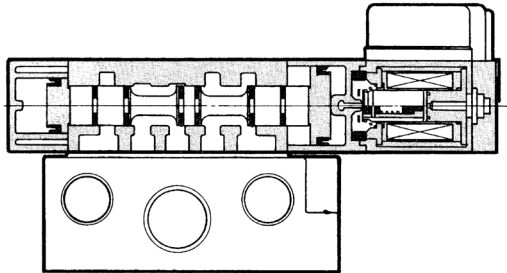
Special specifications

No mark : Standard (Internal pilot)
X : External pilot (Pilot port on sub-base)

※ : Made to order

Construction

© PCS2408



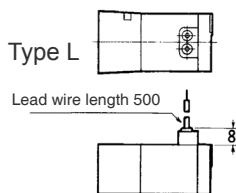
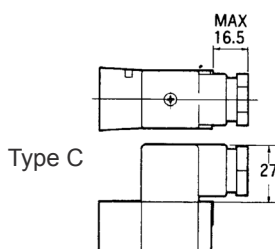
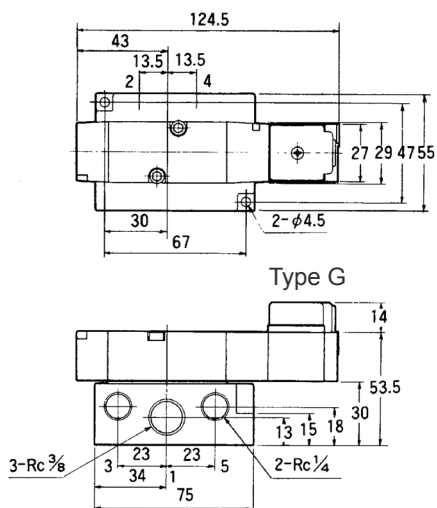
Optional

Sub-base

Port size	Model No.
RC $\frac{3}{8}$	PC08-SB-03
RC $\frac{3}{8}$ (For external pilot)	PC08-SB-X03

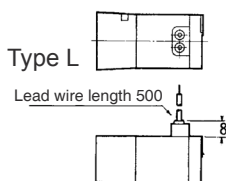
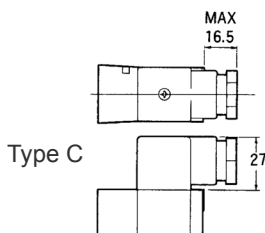
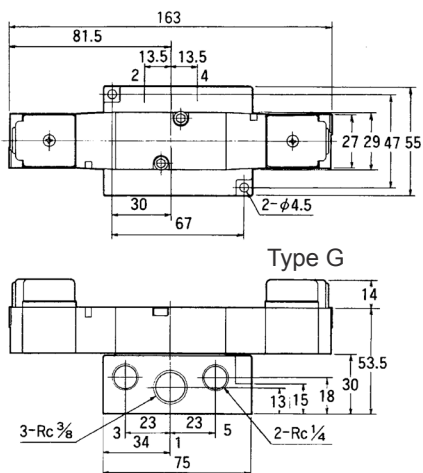
PCS2408

(Unit: mm)



PCD2408

(Unit: mm)



PCD3408 , PCE3408 , PCO3408

(Unit: mm)

