

GC30 Series

Pilot Operated Solenoid Valve
Rubber seal/ Sub-base mounting

GCS2430

2-position, single solenoid

GCD2430

2-position, double solenoid

GCD3430

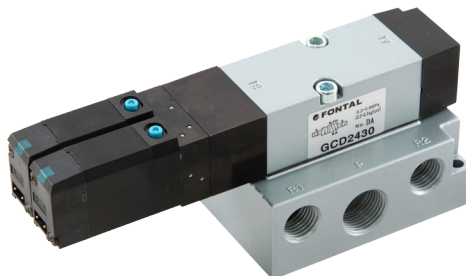
3-position, closed center

GCE3430

3-position, ABR connect

GCO3430

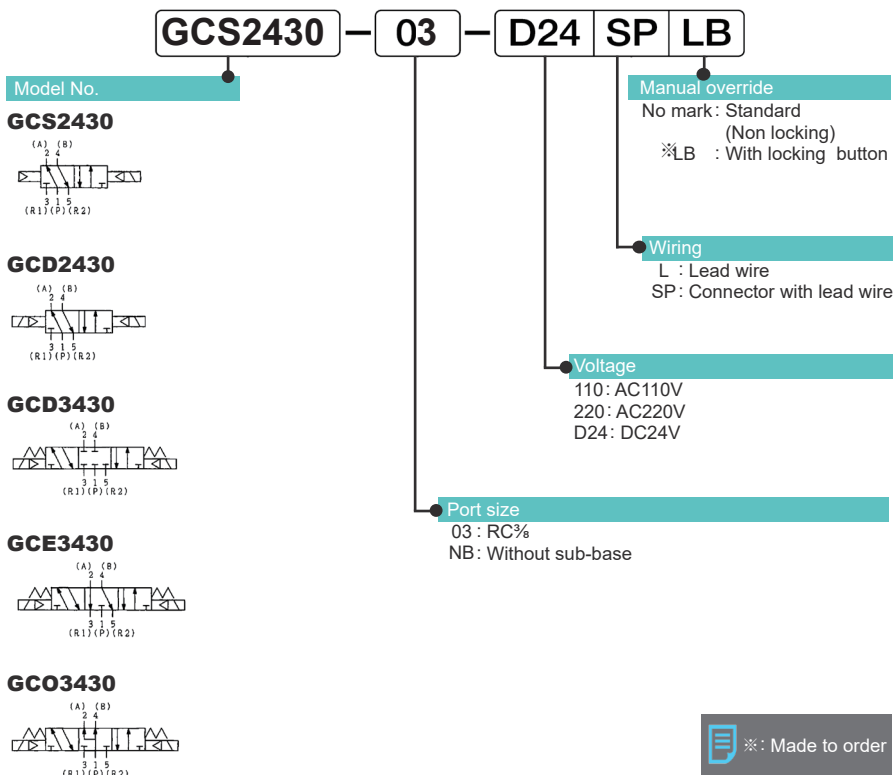
3-position, PAB connect



Specifications(Standard)

Model No.				Unit	GCS2430	GCD2430	GCD3430	GCE3430	GCO3430
Fluid					Non-lubricated/lubricated air				
Port size					Port 1,2 & 4: RC $\frac{1}{8}$		Port 3 & 5: RC $\frac{1}{4}$		
Effective area				mm ²	30		25		14
Operating ambient temperature				℃	-5 ~ 50				
Pressure range				MPa	0.2 ~ 0.8				
Maximum frequency				cycle/min	200				
Response time	DC	L type	ON	s	0.022	0.017	0.017		
			OFF		0.024	—	0.035		
		SP type	ON		0.020	0.017	0.017		
			OFF		0.040	—	0.050		
	AC L SP	50Hz	ON		0.022	0.017	0.017		
			OFF		0.024	—	0.035		
		60Hz	ON		0.022	0.017	0.017		
			OFF		0.024	—	0.035		
Rated voltage				V	AC/110,220 DC24				
Permission voltage fluctuation				%	AC±10 DC+10, -15				
Rated frequency				Hz	50/60				
Power consumption	AC	Holding	50Hz	VA	2.5(110/220)				
			60Hz	VA	2.0(110/220)				
		Inlush	50Hz	VA	2.9(110/220)				
			60Hz	VA	2.5(110/220)				
Power consumption DC				W	1.8				
Grade of insulation					JIS grade F				
Wiring					Lead wire(L),Connector with lead wire(SP)				
Mass	L type	NB	g		170	200	240		
		RC $\frac{3}{8}$			350	380	410		
	SP type	NB			170	200	240		
		RC $\frac{3}{8}$			350	380	410		

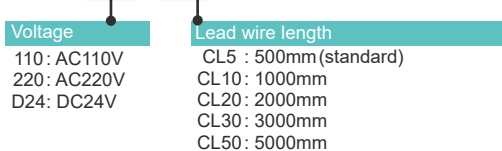
Note: Supply complete-dry air to avoid freezing when temperature of valve site falls below 5°C
Effective area described in this catalog are measured between ports 1 → 2, 4, in accordance with JIS (Japanese Industrial Standard).



Optional Parts and Spare parts

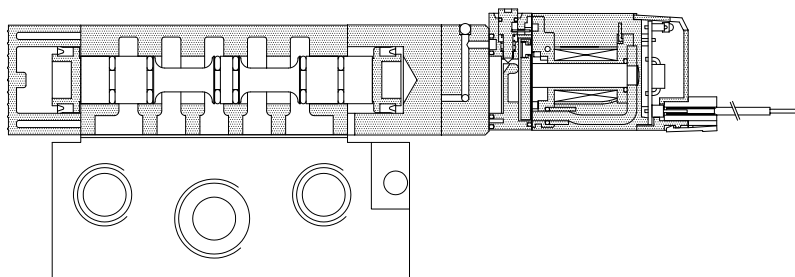
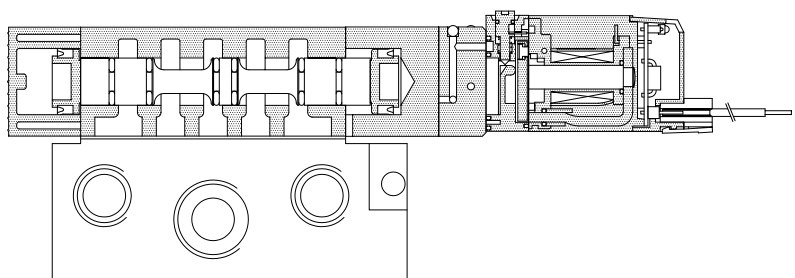
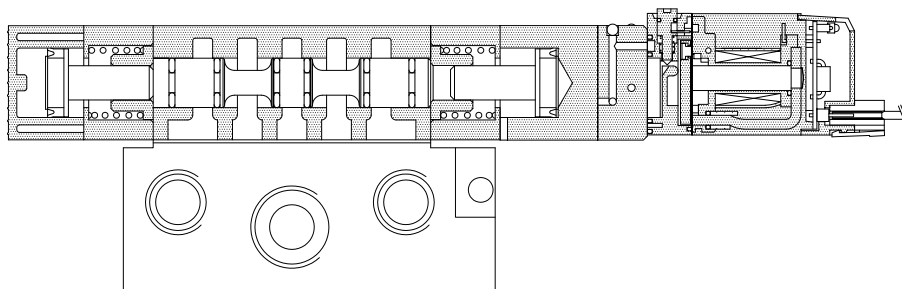
Connector with lead wire

PC5 - D24 - CL5

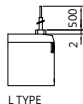


Sub-base

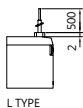
Port size	Model No.
RC $\frac{3}{8}$	PC08-SB-03
RC $\frac{3}{8}$ (For external pilot use)	PC08-SB-X03

GCS2430**GCD2430****GCD3430**

(Unit: mm)



(Unit: mm)



(Unit: mm)

