

B2019 / A2000 / 2001 / 2215 series

Regulator

Low pressure type is also available.





• Port size: Rc1/8 to Rc1 1/4

JIS symbol



CAD DATA AVAILABLE.

Specifications

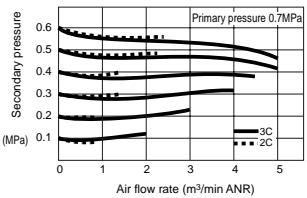
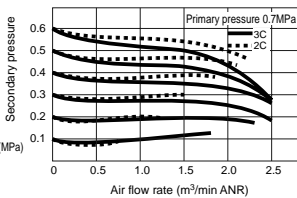
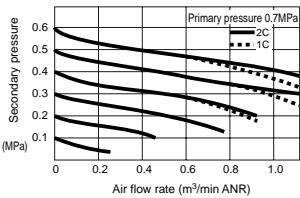
Descriptions	B2019-1C/2C	A2000-2C/3C	2001-2C/3C/4C/6C	2215-6C/8C/10C
Appearance				
Working fluid	Compressed air			
Max. working pressure	MPa 2.06	1.0	2.06	
Withstanding pressure	MPa 3.09	1.5	3.09	
Fluid temperature (Ambient temperature)	°C 5 to 65			
Set pressure range	MPa 0.04 to 0.83	0.03 to 0.83		0.07 to 0.83
Relief	With relief mechanism			
Port size	Rc 1/8, 1/4	1/4, 3/8	1/4, 3/8, 1/2, 3/4	3/4, 1, 1 1/4
Product mass	kg 0.2	0.6	1.2	2.5

Note 1: Pressure gauge of "LG" has 0 to 0.4MPa range, while "HG" has 0 to 2.0MPa range.

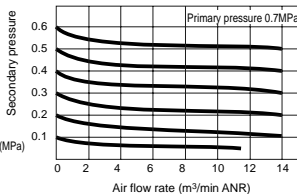
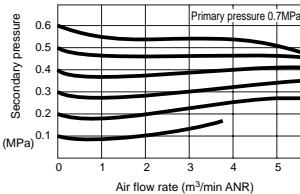
Note 2: For high pressure type (H), relief starts when the pressure 0.13MPa higher than set pressure is reached.

Flow characteristics

• B2019-1C / 2C Rc1/8, 1/4 • A2000-2C / 3C Rc1/4, 3/8 • 2001-2C / 3C Rc1/4, 3/8

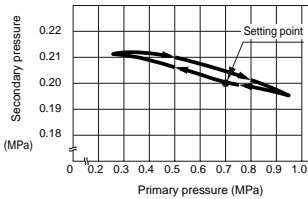


• 2001-4C / 6C Rc1/2, 3/4 • 2215-6C / 8C / 10C Rc3/4, 1, 1 1/4

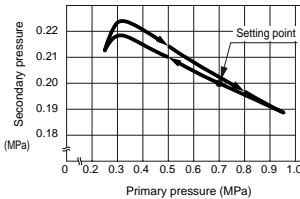


Pressure characteristics

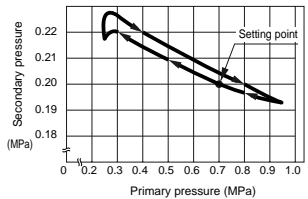
• B2019



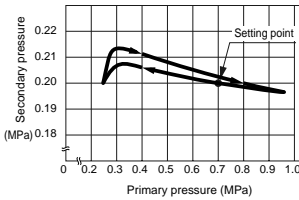
• A2000



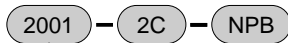
• 2001



• 2215



How to order



A Model

B Port size
Note 1

C Option
Note 2 to 7

[Example of model number]

2001-2C-NPB

Model: Regulator

B Port size : Rc 1/4

C Option : Non-relief, panel mount, bracket attached



Note on model No. selection

Note 1: If port size NPT screw required, do not indicate nominal size C. (E.g.) B2019-1

Note 2: Options can be combined. However, only combination of "L" and "H" is not available.

Note 3: Refer to Page 430 for pressure adjusting range and panel mount prepared hole diameter of "L" low pressure, "H" high pressure.

Note 4: If optional symbol "B" and "G" is indicated, a pressure gauge and a bracket are attached.

A pressure gauge, G49D-6-P10 is attached to B2019 type, while G59D-8-P04 is attached to A2000, 2001 and 2215 types (G59D-8-P04 for low pressure, while G59D-8-P20 for high pressure).

Note 5: If assembly products are required, please consult with CKD.

Note 6: If max. working pressure specifications (2.06MPa) and metal bottom plug of A2000 are required, please consult with CKD.

Note 7: If option B (bracket) of B2019 is selected, "6506" is attached, while if PB (bracket for panel mount) is selected, bracket of "6166" is attached. Refer to Page 426 to 427 for attached "B" bracket.

A Model					
		Miniature	Compact	Standard	Large
		B2019	A2000	2001	2215
B Port size					
1C	Rc1/8	●			
2C	Rc1/4	●	●	●	
3C	Rc3/8		●	●	
4C	Rc1/2			●	
6C	Rc3/4			●	●
8C	Rc1				●
10C	Rc1 1/4				●
C Option					
Regulator	Blank	Standard	●	●	●
	N	Non-relief	●	●	●
	L	Low pressure (0.02 to 0.34MPa)	●	●	
	H	High pressure (MPa)		(0.07 to 1.72)	(0.07 to 1.23)
	K	Plastic knob		●	●
	P	Panel mount	●	●	
Attachment	G	Pressure gauge	●	●	●
	B	Bracket	●	●	
	P11	Ozone proof specifications (custom order)	●	●	

Refrigerating type dryer
Desiccant type dryer
High polymer membrane dryer
Air filter
Automatic drain other
F.R.L. (Module)
F.R.L. (Separate)
Small F.R.
Precise R.
Electro pneumatic R.
Auxiliary
Flow control valve
Silencer
Check valve / others
Joint / tube
Vacuum F.
Vacuum R.
Vacuum generator
Vacuum auxiliary / pad
Mechanical pressure SW
Electronic pressure SW
Electronic dif. pres. SW
Sealing / close contact conf. SW
Pressure SW for coolant
Flow sensor for air
Total air system
Water cooling refrigerator
Flow sensor for water
F.R.L. unit
Regulator