



B2019 / A2000 / 2001 / 2215 series

Regulator

Low pressure type is also available

- Port size: $Rc1/8$ to $Rc1\frac{1}{4}$

JIS symbol



CAD DATA AVAILABILITY

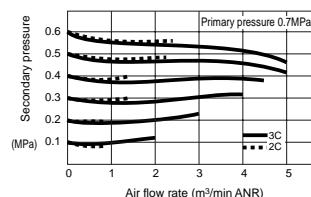
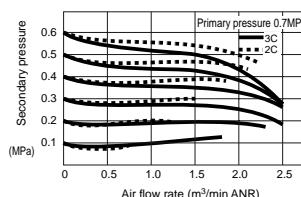
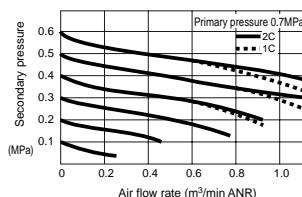
Specifications

| 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 |
| 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

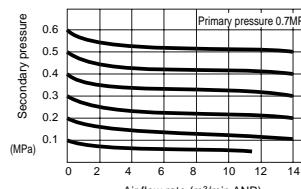
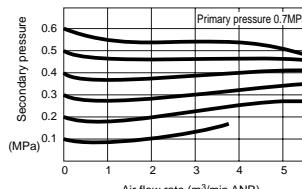


- 2001-4C / 6C

Rg1/2, 3/4

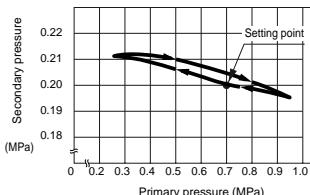
• 2215-6C / 8C / 10C

Rc3/4, 1, 1¹/4

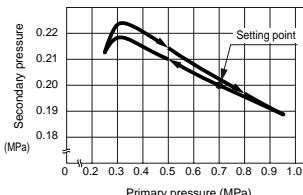


Pressure characteristics

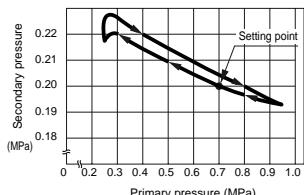
• B2019



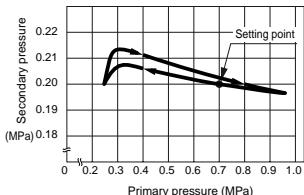
• A2000



• 2001



• 2215



How to order

2001 — 2C — NPB

Ⓐ Model

Ⓑ Port size
Note 1

[Example of model number]

2001-2C-NPB

Model: Regulator

Ⓑ Port size : Rc 1/4

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

Ⓐ Option
Note 2 to 7

| Ⓐ Model | | | | |
|---------|-----------|---------|----------|-------|
| | Miniature | Compact | Standard | Large |
| B2019 | | | | |
| A2000 | | | | |
| 2001 | | | | |
| 2215 | | | | |

| Ⓑ Port size | | | | |
|-------------|--------------|-------|-------|------|
| Symbol | Descriptions | B2019 | A2000 | 2001 |
| 1C | Rc1/8 | ● | | |
| 2C | Rc1/4 | ● | ● | ● |
| 3C | Rc3/8 | | ● | ● |
| 4C | Rc1/2 | | | ● |
| 6C | Rc3/4 | | | ● |
| 8C | Rc1 | | | ● |
| 10C | Rc11/4 | | | ● |

| Ⓒ Option | | | | |
|------------|-------|---|----------------|----------------|
| Regulator | Blank | Standard | (0.07 to 1.72) | (0.07 to 1.23) |
| | N | Non-relief | ● | ● |
| | L | Low pressure (0.02 to 0.34MPa) | ● | ● |
| | H | High pressure (MPa) | | |
| | K | Plastic knob | ● | ● |
| | P | Panel mount | ● | ● |
| Attachment | G | Pressure gauge | ● | ● |
| | B | Bracket | ● | ● |
| | P11 | Ozone proof specifications (custom order) | ● | ● |

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.

| |
|----------------------------------|
| 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 diff. 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 |

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|----------------------------|
| Water cooling refrigerator |
| Flow sensor for water |

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|-------------|
| F.R.L. unit |
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