

Discontinue

B2519 series

Regulator for water

Compact for water pressure adjustment. Smooth pressure setting and perfect leakage countermeasures

- Port size: Rc1/8, 1/4

JIS symbol

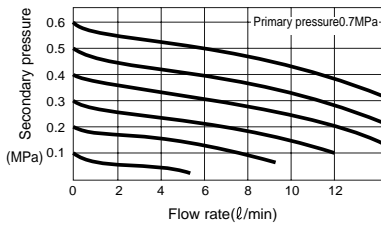


Specifications

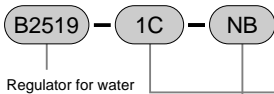
Descriptions		B2519-1C / 2C-N
Working fluid		General industrial clean water
Max. working pressure	MPa	2.06
Withstanding pressure	MPa	3.09
Fluid temperature (ambient temperature)	°C	5 to 65
Set pressure	MPa	0.04 to 0.83
Max. flow rate	ℓ/min	5.0
Port size	Rc	1/8, 1/4
Product mass	kg	0.42

Note: Max. flow rate is the value where primary pressure is 0.69MPa, set pressure is 0.59MPa and pressure drop is 0.069MPa.

Flow characteristics



How to order



Ⓐ Port size
Note 1

Ⓑ Option
Note 2
Note 3
Note 4

Symbol		Descriptions
A	Port size	
	1C	Rc1/8
	2C	Rc1/4
B Option		
Regulator	N	Non-relief
	L	Low pressure (0.02 to 0.34MPa)
Aux.	G	Pressure gauge (G49D-6-P10)
	B	Bracket



Note on model No. selection

Note 1: If NPT port is required, do not indicate nominal size C.
(E.g.) B2519-1-N

Note 2: Symbol "L" and "G" and "B" can be combined.

Note 3: A pressure gauge, G49D-6-P04 is attached for low pressure.

Note 4: Refer to Page 426 to 427 for attached "B" bracket.

[Example of model number]

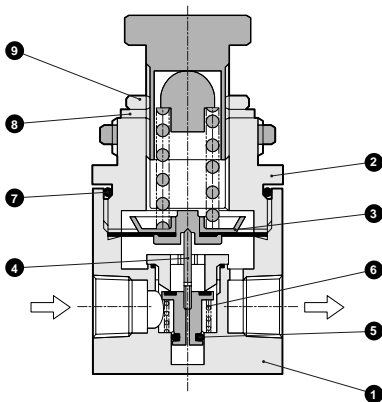
B2519-1C-NB

Model: Regulator for water

Ⓐ Port size : Rc 1/8

Ⓑ Option : Non-relief and bracket attached

Internal structure and parts list



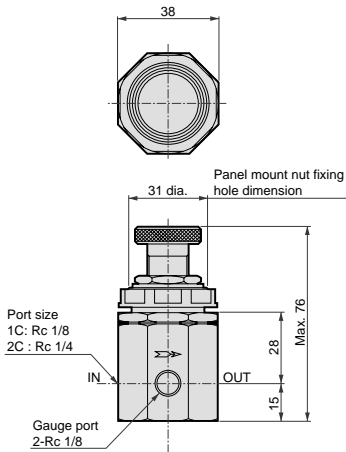
No.	Part name	Material
1	Body	Brass
2	Cover	Brass
3	Diaphragm assembly	Nitrile rubber / brass / steel
4	Valve assembly	Nitrile rubber / brass
5	O ring	Nitrile rubber
6	Spring	Stainless steel
7	O ring	Nitrile rubber
8	Seal packing seal	Steel / nitrile rubber
9	Nut	Brass

Repair parts list

No.	Part name	Model no.
3	Diaphragm assembly	B2519-DIAPHRAGM-ASSY
4	Valve assembly	B2519-VALVE-ASSY

Dimensions

• B2519



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

F.R.L. unit

Regulator for water