

Filter/regulator Outdoor Series

BW7019 Series

Air filter/regulator integrated.

● Port size: Rc1/4

JIS symbol



Specifications

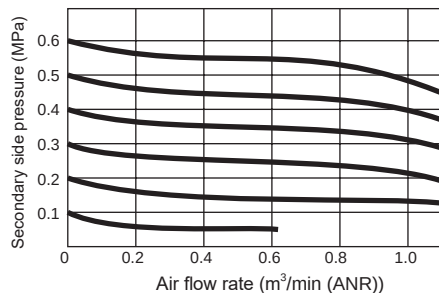
1 MPa ≈ 145.0 psi, 1 MPa = 10 bar

Item		BW7019
Max. working pressure	MPa	1.0 (≈145 psi, 10 bar)
Proof pressure	MPa	1.5 (≈217 psi, 15 bar)
Fluid temperature	°C	5 (41°F) to 60 (140°F)
Ambient temperature	°C	-10 (14°F) to 60 (140°F) (no freezing)
Filtration	μm	5
Set pressure	MPa	0.04 (≈6 psi, 1 bar) to 0.83 (≈120 psi, 8 bar)
Pressure relief		With relief mechanism
Port size	Rc	1/4
Weight	kg	0.45

*1: When a piston drain (D) is used, min. working pressure is 0.1 MPa.
Do not use this device on equipment that experiences impacts.

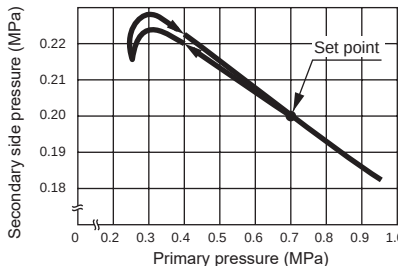
Flow characteristics

● BW7019 Rc1/4

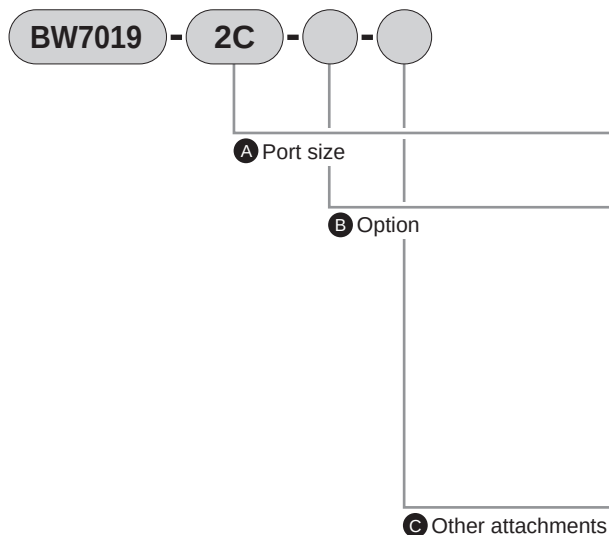


Pressure characteristics

● BW7019



How to order



⚠ Precautions for model No. selection

*1: The warranty period of option G is 3 years from the date of delivery or 1 year from initial use, whichever comes first.

*2: For option G, the specifications and drawings must be agreed upon.

Code		Description
A Port size		
2C		Rc1/4
B Option		
Drain discharge	Blank	Tire valve
	D	Piston drain
Element	Blank	5 μm
Warranty period	Blank	1 year after delivery
	G	3 years after delivery *1 *2 (with inspection certificate, inspection guidelines, traceability system diagram)
Flow direction	Blank	Standard flow (left → right)
	X1	Reverse flow (right → left)
C Other attachments		
Blank		Not included
GW49P		Pressure gauge (GW49D-6-P10)
BW		Bracket (6506-W)

Option weight

* Add to the weight of the standard accessories.

Unit: kg

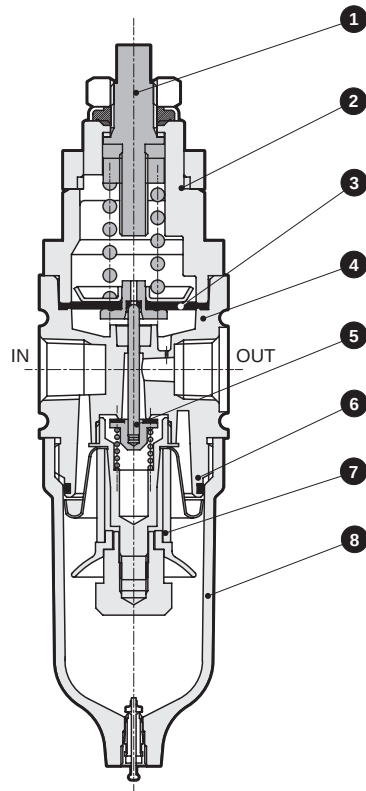
	Drain discharge	Pressure gauge	Bracket
Code	D	G	B
BW7019	0	0.086	0.03

Filter/Regulator series

Internal structure and parts list/Dimensions

Internal structure and parts list

● BW7019

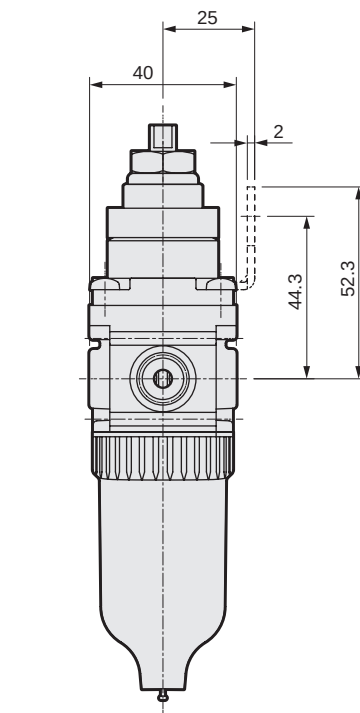
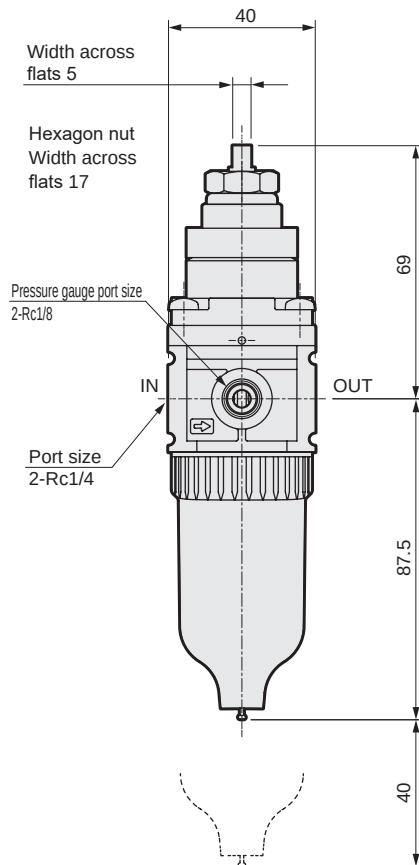


No.	Part name	Material
1	Adjusting screw	Stainless steel
2	Cover	Zinc alloy die-casting, aluminum
3	Diaphragm assembly	Nitrile rubber, copper, zinc alloy die-casting
4	Body	Aluminum alloy die-casting
5	Valve assembly	Copper alloy/hydrogenated nitrile rubber
6	O-ring	Special nitrile rubber
7	Element	Polypropylene
8	Metal bowl assembly	Zinc alloy die-casting

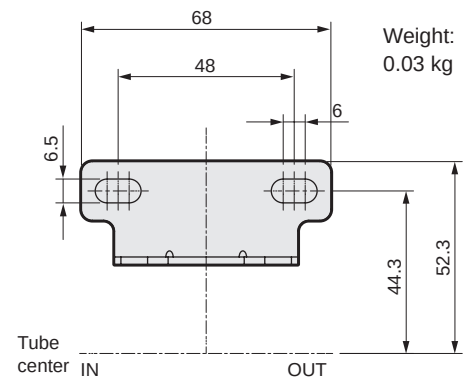
Dimensions



● BW7019



● Attachment
Bracket (-BW)
Part model No.: 6506-W



Weight:
0.03 kg

Maintenance dimensions

F.R.L.
F.R.
F (Filtr)
R (Reg)
L (Lub)
Drain
Separ
Mech
Press SW
Res press
exh valve
SlowStart
Anti-bac/Bac-
remove Filtr
Film
Resist FR
Oil-ProhR
Med
Press FR
No Cu/
PTFE FRL
Outdrs FRL
Adapter
Joiner
Press
Gauge
CompFRL
LgFRL
PrecsR
VacF/R
Clean FR
ElecPneuR
AirBoost
Speed Ctrl
Silncr
CheckV/
other
Fit/Tube
Nozzle
Air Unit
PresCompn
Electro
Press SW
ContactSW
AirSens
PresSW
Cool
Air Flo
Sens/Ctrl
WaterRISens
TotAirSys
(Total Air)
TotAirSys
(Gamma)
Gas
generator
RefrDry
DesicDry
HiPolymDry
MainFiltr
Dischrg
etc
Ending