

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-ProhrR
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
PrecsCompn
Electro
Press SW
ContactSW
AirSens
PresSW
Cool
Air Flo
Sens/Ctrl
WaterRtSens
TotAirSys
(Total Air)
TotAirSys
(Gamma)
Gas
generator
RefrDry
DesicDry
HiPolymDry
MainFiltr
Dischrg
etc
Ending



Lubricator/econo-mist

A3019 Series

Supplying fine oil mist (oil fog).

● Port size: Rc1/8 to Rc1/4

JIS symbol



RoHS

CAD

Specifications

Item		A3019-1C/2C
Working fluid		Compressed air
Max. working pressure	MPa	1.0 (≈150 psi, 10 bar)
Proof pressure	MPa	1.5 (≈220 psi, 15 bar)
Ambient / fluid temperatures	°C	5 (41°F) to 65 (149°F)
Oil used		Turbine oil Class 1, ISO VG32 (spindle oil cannot be used)
Oil storage capacity	cm ³	25
Port size	Rc	1/8 / 1/4
Weight	kg	0.2
Bowl guard		Made to order
Min. drip flow rate	ℓ/min (ANR)	20

*1: The min. drip flow rate is the value at which five drops of oil drip per minute when the primary pressure is 0.5 MPa.

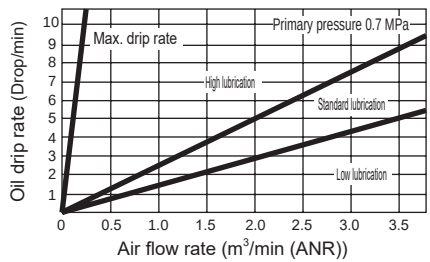
Option weight

* Add to the weight of the standard accessories.

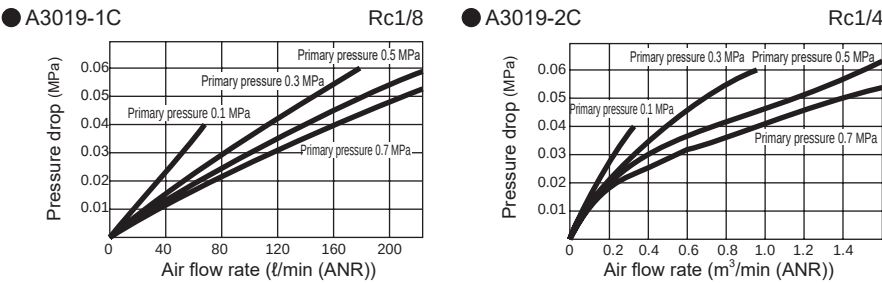
Unit: kg

Code	Drain disch	Bowl material		Bracket
	C	Z	M	B
A3019	0	0	0.08	0.035

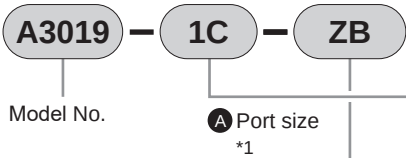
Oil drip rate



Flow characteristics



How to order



[Example of model No.]

A3019-1C-ZB

Model: Lubricator/
Econo-mist,
Miniature

A Port size: Rc 1/8

B Option: Nylon bowl,
wall bracket included

⚠ Precautions for model No. selection

*1 : If port size NPT thread is required, do not indicate nominal size C. (Example) A3019-1

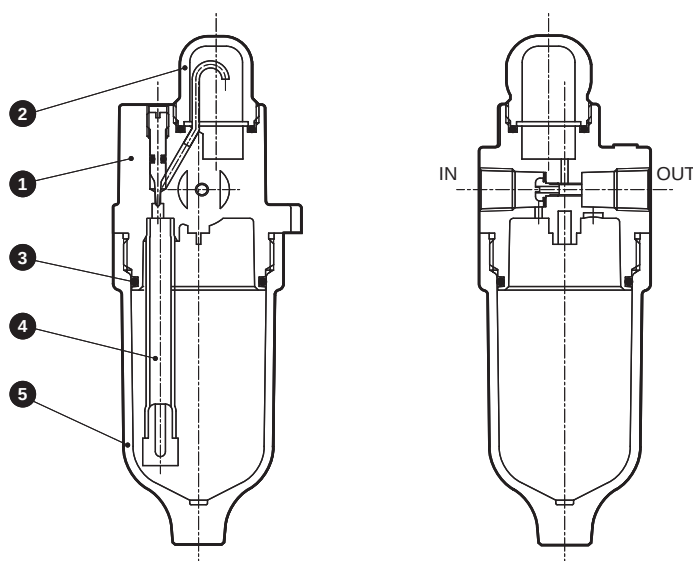
*2 : Refer to page 425 for the included "B" bracket.

*3 : This product cannot be used for a constant flow rate (minimal differential pressure) of an air motor, etc.

*4 : The observation dome material is polyamide resin (nylon) even when a metal bowl is selected.

Code	Description	
A Port size		
1C	Rc1/8	
2C	Rc1/4	
B Option		
Drain discharge	Blank	Blank bowl
	C	Manual cock, tire valve (M: Cock)
Bowl material	Blank	Polycarbonate
	Z	Nylon bowl
	M	Metal bowl
Incl prod	Blank	Not included
	B	Wall bracket (6506)

Internal structure and parts list

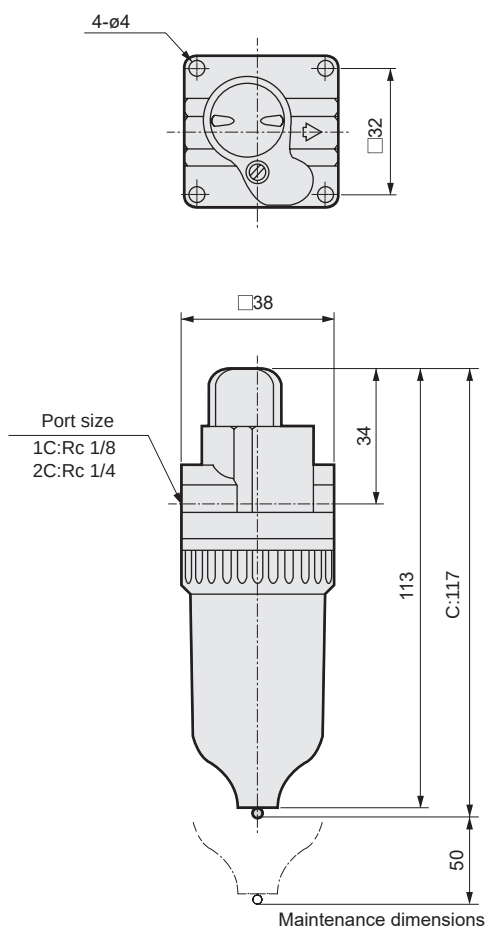


No.	Part name	Material
1	Body	Zinc alloy die-casting
2	Observation dome	Polycarbonate resin
3	O-ring	Special nitrile rubber
4	Siphon tube assembly	Polyamide resin, polypropylene
5	Bowl	Polycarbonate resin

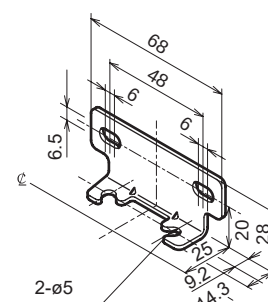
Dimensions



● A3019



- Wall bracket: 6506
- Material: Steel
- Zinc plated
- Bracket thickness 2 mm



* Tapping screw attached

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LgFRL
PrecsR
VacF/R
Clean FR
ElecPneuR
AirBoost
Speed Ctrl
Silncr
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PresSW
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