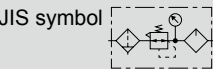




# F.R.L. kit/set K60570 Series

Filter/regulator/lubricator set K Series.  
● Port size: Rc1/8, Rc1/4



## Specifications

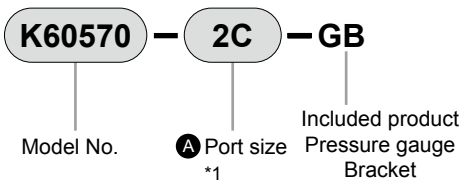
| Item                         |                 | K60570-1/2C-GB                                            |
|------------------------------|-----------------|-----------------------------------------------------------|
| Port size                    | Rc              | 1/8 / 1/4                                                 |
| 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)                                    |
| Filtration rating            | μm              | 5                                                         |
| Set pressure                 | MPa             | 0.04 (≈5.8 psi, 0.4 bar) to 0.83 (≈120 psi, 8.3 bar)      |
| Pressure relief              |                 | With relief mechanism                                     |
| Min. drip flow rate *1       | ℓ/min ANR       | 20                                                        |
| Oil used                     |                 | Turbine oil Class 1 ISO VG32 (spindle oil cannot be used) |
| Oil storage capacity         | cm <sup>3</sup> | 25                                                        |
| Weight                       | kg              | 0.7                                                       |
| Standard equipment           |                 | Pressure gauge (gauge), bracket                           |

\*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.

## Component list

| Item         | Port size | Air filter | Regulator | Lubricator | Pressure gauge | Wall bracket |
|--------------|-----------|------------|-----------|------------|----------------|--------------|
| K60570-1C-GB | Rc1/8(6A) | A1019-1C   | B2019-1C  | A3019-1C   | G49D-6-P10     | 6506         |
| K60570-2C-GB | Rc1/4(8A) | A1019-2C   | B2019-2C  | A3019-2C   | G49D-6-P10     | 6506         |

## How to order



| Code               | Description |
|--------------------|-------------|
| <b>A</b> Port size |             |
| <b>1C</b>          | Rc1/8       |
| <b>2C</b>          | Rc1/4       |

## ⚠ Precautions for model No. selection

- \*1 : If port size NPT thread is required, do not indicate nominal size C.  
(Example) K60570-2-GB  
If a pressure gauge is selected, the NPT thread pressure gauge is enclosed.
- \*2 : Contact CKD when assembly products are required.
- \*3 : Refer to page 411 for the included "B" bracket. Refer to Related Products (page 363) for the included "G" pressure gauge.

[Example of model No.]

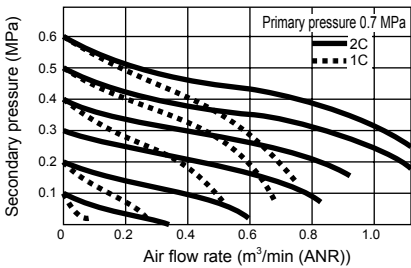
**K60570-2C-GB**

Model: F.R.L. kit miniature

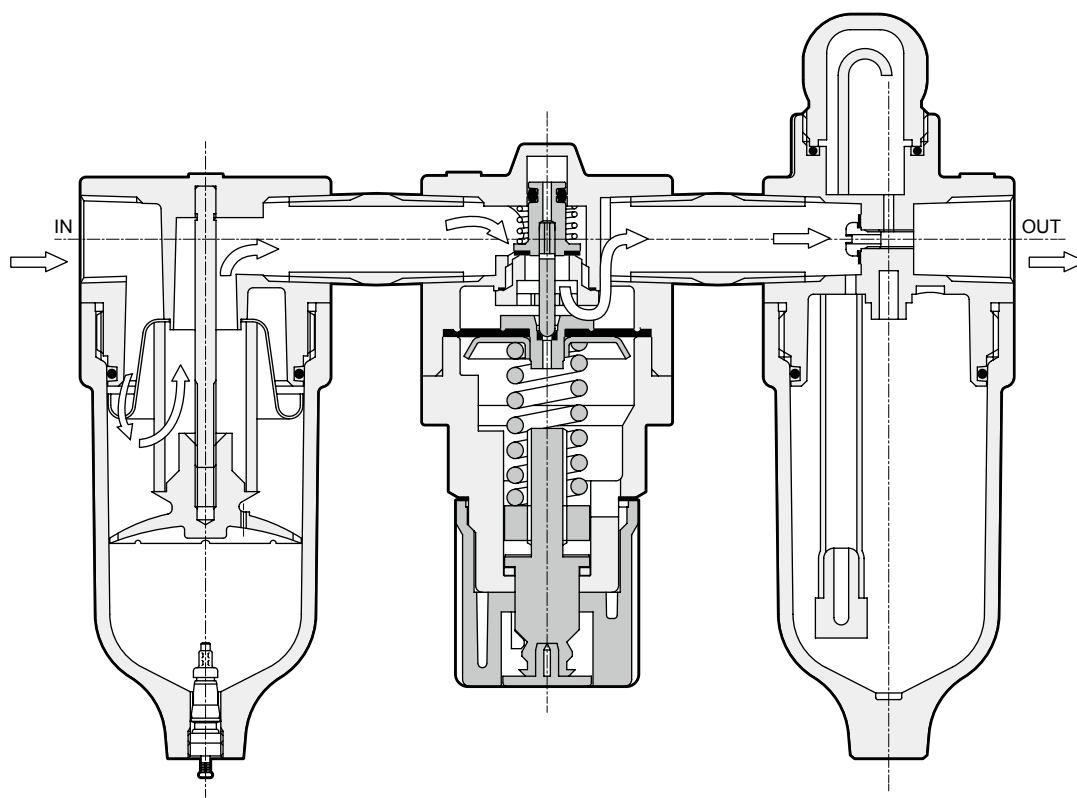
**A** Port size: Rc 1/4

## Flow characteristics

● K60570-1/2C-GB      Rc1/8 / 1/4



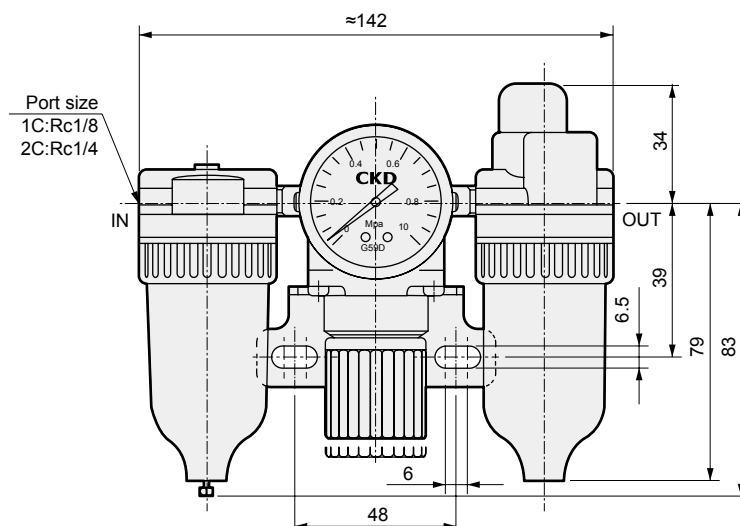
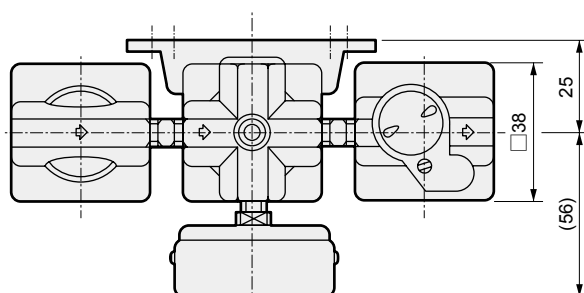
### Internal structure



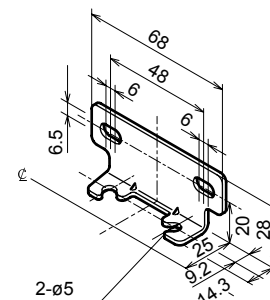
### Dimensions



● K60570-1/2C-GB



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



\* Tapping screw attached

|               |
|---------------|
| 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 Filt   |
| 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        |