

# Air Pressure Regulators

## Series P30

### GENERAL INFORMATION

Series P30 air pressure regulator is for regulating of air to pneumatic actuator.

### FEATURES

- Embedded gauge save space of installation
- Press-in self-locking device prevent changes causing by external disturbance during pressure regulating
- Stable adjustment of pressure, high precision of repetition
- Plate type installation, with fixing bracket installation for option
- Low pressure type is available, with max. regulating pressure of 0.4MPa

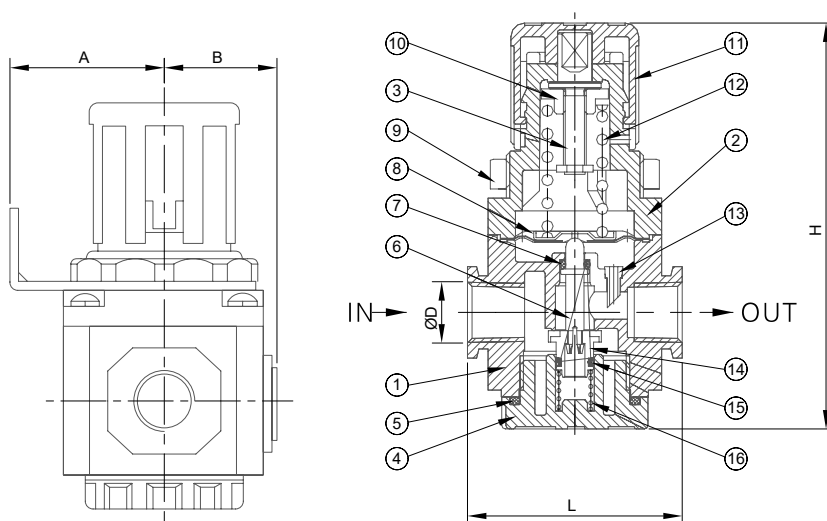


### TECHNICAL DATA

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| Operating medium              | Air                                           |
| Adjustable pressure range     | 0.15 ~0.9MPa                                  |
| Max. adjustable pressure      | 1.0MPa                                        |
| Pressure resistance ensurance | 1.5MPa                                        |
| Operating Temp. range         | -20°C ~70°C                                   |
| Connection                    | G thread<br>(PT,NPT are available on request) |

### PARTS LIST AND MATERIAL SPECIFICATION

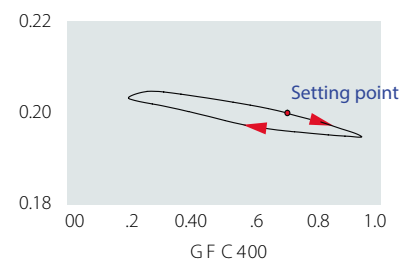
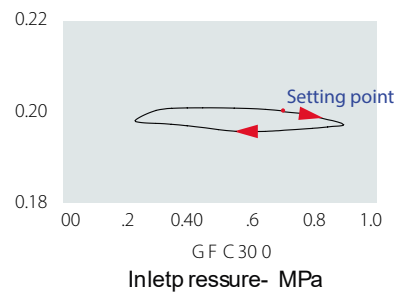
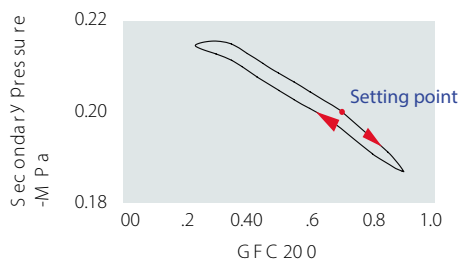
| No. | Part name            | Material        |
|-----|----------------------|-----------------|
| 1   | Regulating body      | Aluminium alloy |
| 2   | Regulating seat      | Aluminium alloy |
| 3   | Main regulating stem | Steel           |
| 4   | Cap                  | Aluminium alloy |
| 5   | O-ring               | NBR             |
| 6   | Regulating limb      | Brass           |
| 7   | O-ring               | NBR             |
| 8   | Regulating diaphragm | SS304+rubber    |
| 9   | Fixing-loop cap      | Aluminium alloy |
| 10  | Hexangular cap       | Steel           |
| 11  | Regulating button    | POM             |
| 12  | Spring               | SWC             |
| 13  | Feedback tube        | POM             |
| 14  | Plug                 | Brass+rubber    |
| 15  | O-ring               | NBR             |
| 16  | Spring               | Stainless steel |



### DIMENSIONS (mm)

| TYPE   | A  | B  | D    | H   | L  |
|--------|----|----|------|-----|----|
| 200-06 | 30 | 32 | G1/8 | 89  | 47 |
| 200-08 | 62 | 30 | G1/4 | 89  | 47 |
| 300-08 | 41 | 31 | G1/4 | 113 | 60 |
| 300-10 | 41 | 31 | G3/8 | 113 | 60 |
| 300-15 | 41 | 31 | G1/2 | 113 | 60 |
| 400-10 | 50 | 40 | G3/8 | 141 | 80 |
| 400-15 | 50 | 40 | G1/2 | 141 | 80 |

### PRESSURE CHARACTERISTIC



### FLOW CAPACITY

