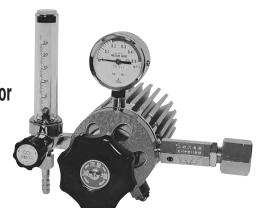
# **NP-PF Series**

# For Cylinder, No Heater type Carbon Dioxide Pressure Regulator

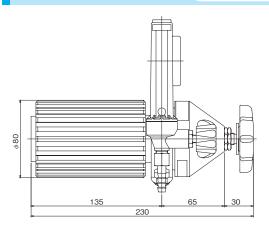
#### **Specifications**

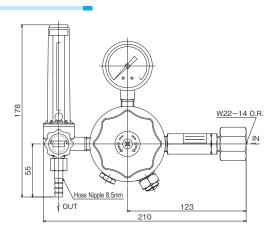
| Outlet Pressure Gauge | 0.5MPa           |
|-----------------------|------------------|
| Inlet Pressure        | 12MPa or less    |
| Outlet Pressure       | 0.15MPa          |
| Flow Range            | 1 $\sim$ 25L/min |
| Type of Flowmeter     | IN               |
|                       |                  |

| Proof Pressure     | 0.15MPa                    |
|--------------------|----------------------------|
| Inlet Connection   | W22-14 O.R.                |
| Outlet Connection  | Hose Nipple 8.5mm          |
| Accessories        | Gasket Packing(Fiber)×2Pcs |
| Approximate Weight | 2.4kg                      |



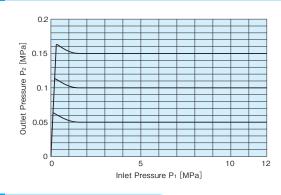
#### **Outline drawing**





[Note] ■Unit:mm ■ Dimentions are subject to change without notice.

## Supply pressure effect characteristics



#### **Materials of construction**

| Body              | C3771BE         |
|-------------------|-----------------|
| Bonnet            | ADC12           |
| Fin cover         | A6063S-T5       |
| Poppet            | C3604BD         |
| Seat              | PTFE            |
| Diaphragm         | Phosphor bronze |
| Safety valve seat | NBR             |

[Note] ■These tests were performed at ambient conditions.

### **List of specifications**

| Series 0 | Outlet Pressure Gauge<br>MPa | Flowmeter       |               |                   |                       |                  |                   |
|----------|------------------------------|-----------------|---------------|-------------------|-----------------------|------------------|-------------------|
|          |                              | Applicable gas  | Flow<br>L/min | Type of Flowmeter | Proof Pressure<br>MPa | Inlet Connection | Outlet Connection |
| NP-PF    | 0.5                          | CO <sub>2</sub> | 25            | IN                | 0.15                  | W22(R)           | Hose Nipple 8.5mm |
|          | 0.5                          | CO <sub>2</sub> | 25            | IN                | 0.15                  | W22(R)           | UNF9/16-18 Male   |
|          | 0.5                          | CO <sub>2</sub> | 25            | IN                | 0.15                  | W22(R)           | Rc1/4             |
|          | 0.5                          | CO <sub>2</sub> | 25            | IN                | 0.15                  | Yoke Connection  | Hose Nipple 8.5mm |