

# GD-24

- Direct type

Pilot type

Piston

Diaphragm
- Bellows

Internal sensing

External sensing

Stainless steel
- With handle

Built-in strainer

Low pressure

Remote
- Valve leakage 0

Nylon

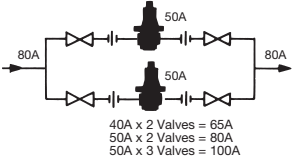
## ■Features

- Pressure gauge connection port is JIS Rc 1/8.
- Wetted parts are made of corrosion-resistant material to prevent rusty water.
- Highly wear-resistance and durability of stainless steel made valve seat.
- Closed structure keeps fluid inside even if the diaphragm is damaged or broken.
- Horizontal or vertical piping is possible.



GD-24

· If a large capacity is required, valves can be installed in parallel.



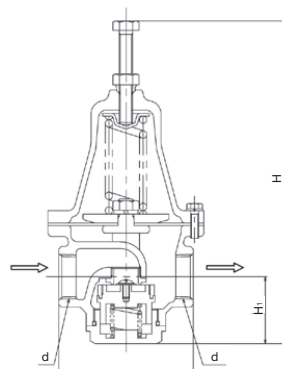
## ■Specifications

| Model                            |            | GD-24                              |
|----------------------------------|------------|------------------------------------|
| Application                      |            | Cold and hot water, Flushing water |
| Inlet pressure                   |            | 0.2-1.6 MPa                        |
| Reduced pressure                 |            | 0.05-0.55 MPa                      |
| Minimum differential pressure    |            | 0.05 MPa                           |
| Maximum pressure reduction ratio |            | 10:1                               |
| Application temperature          |            | 5-80°C *                           |
| Material                         | Body       | Cast bronze                        |
|                                  | Valve      | Bronze                             |
|                                  | Valve disc | Urethane rubber                    |
|                                  | Valve seat | Stainless steel                    |
|                                  | Diaphragm  | EPDM                               |
|                                  | Cap        | Bronze                             |
| Plug                             |            | Stainless steel                    |
| Connection                       |            | JIS Rc screwed                     |

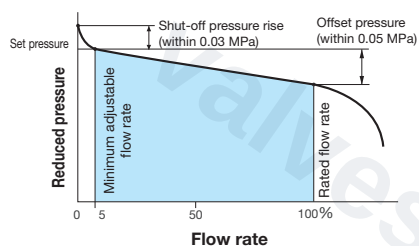
\* Do not use the valve continuously at a temperature of 70°C or above.  
Pressure gauge connection port is JIS Rc 1/8.

### ■ Dimensions (mm) and Weights (kg)

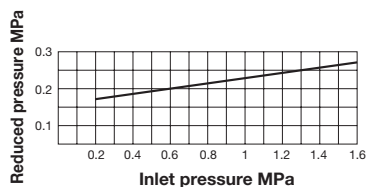
| Nominal size | d        | L   | H   | H <sub>1</sub> | Weight |
|--------------|----------|-----|-----|----------------|--------|
| 15A          | Rc 1/2   | 80  | 193 | 41.5           | 1.8    |
| 20A          | Rc 3/4   | 90  | 210 | 45             | 2.4    |
| 25A          | Rc 1     | 100 | 230 | 50             | 3.3    |
| 31A          | Rc 1-1/4 | 120 | 265 | 60             | 4.7    |
| 40A          | Rc 1-1/2 | 150 | 315 | 62             | 8.2    |
| 50A          | Rc 2     | 185 | 365 | 73             | 14.3   |



#### Flow Characteristic Chart



#### Pressure Characteristic Chart



This chart shows variation in reduced pressure when the inlet pressure of 0.6 MPa is changed between 0.2 MPa and 1.6 MPa while the reduced pressure is set at 0.2 MPa.

### ■ GD-24 Nominal Sizes Selection Chart (For Water)

