

# DP-10

|                 |                 |                 |           |
|-----------------|-----------------|-----------------|-----------|
| Pilot type      | Direct type     | Piston          | Diaphragm |
| Normally closed | Normally opened | AC coil         | DC coil   |
| Stainless steel | 110 V / 220 V   | Explosion-proof | Leak 0    |

## ■Features

1. Excellent performance on fluid control, mainly used for steam.
2. Compact, lightweight and large capacity.
3. Horizontal and vertical installation is available.

## ■Specifications

| Model                      | AC coil                                                          | DP-10           |
|----------------------------|------------------------------------------------------------------|-----------------|
| Application                | Steam, Air, Cold and hot water, Oil (20 cSt or less)             |                 |
| Working pressure           | 0.05-1.0 MPa (unusable under vacuum)                             |                 |
| Min. differential pressure | 0.05 MPa (0.1 MPa or more is required for vertical installation) |                 |
| Valve seat leakage         | 50 mL/min (at the time of air pressure 0.6 MPa)                  |                 |
| Max. temperature           | 180°C                                                            |                 |
| Operation                  | Normally closed                                                  |                 |
| Material                   | Body                                                             | Cast bronze     |
|                            | Piston                                                           | Stainless steel |
|                            | Valve disc                                                       | PTFE            |
| Connection                 | JIS Rc screwed                                                   |                 |



## ■Dimensions (mm) and Weights (kg)

| Nominal size | d        | L   | H   | H <sub>1</sub> | Weight |
|--------------|----------|-----|-----|----------------|--------|
| 10A          | Rc 3/8   | 70  | 119 | 14.5           | 1.2    |
| 15A          | Rc 1/2   | 70  | 119 | 14.5           | 1.2    |
| 20A          | Rc 3/4   | 80  | 126 | 17.5           | 1.4    |
| 25A          | Rc 1     | 95  | 133 | 21.0           | 1.8    |
| 32A          | Rc 1-1/4 | 110 | 155 | 26.0           | 2.6    |
| 40A          | Rc 1-1/2 | 120 | 162 | 29.5           | 3.2    |
| 50A          | Rc 2     | 140 | 177 | 36.5           | 5.1    |

