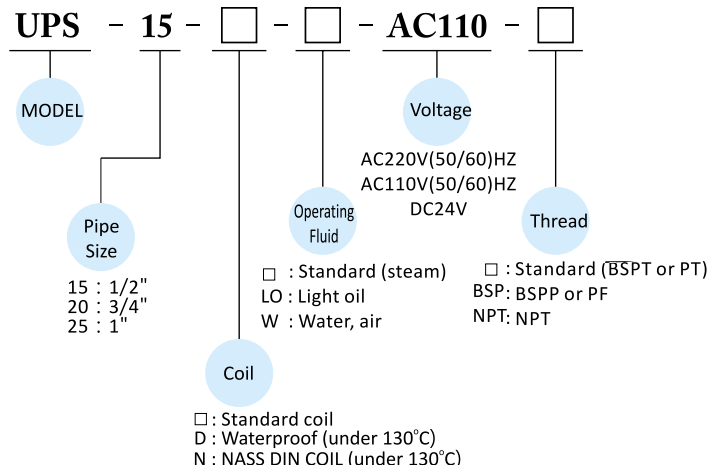
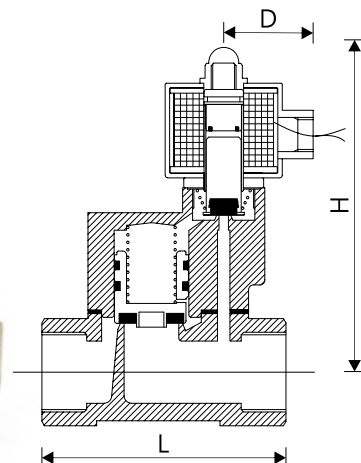


## UPS Series

## UPS-15 ~ 25



### Application:

|                              |  |
|------------------------------|--|
| <b>Working Fluid</b>         | Water, Air, Steam, Light Oil           |
| <b>Working Temp</b>          | - 5°C~185°C                            |
| <b>Min. Pressure to Open</b> | 0.5 Kgf / cm <sup>2</sup>              |
| <b>Connection</b>            | BSPT (BS21),<br>NPT (ANSI B2.1)        |
| <b>• Optional coil</b>       | Waterproof Din Coil,<br>NASS Din Coil. |

### Material:

|                      |                               |
|----------------------|-------------------------------|
| <b>Model</b>         | UPS                           |
| <b>Valve Body</b>    | Cast Bronze                   |
| <b>Coil</b>          | Special Copper Wire (H class) |
| <b>Tube</b>          | ST.ST.                        |
| <b>Spring</b>        | ST.ST.                        |
| <b>Core Needle</b>   | ST.ST.                        |
| <b>Plug</b>          | PTFE (Viton, Silicone, EPDM)  |
| <b>Piston Spring</b> | ST.ST.                        |
| <b>Piston</b>        | Brass                         |
| <b>Piston Plug</b>   | PTFE                          |

### Feature

- UPS SERIES is multiplex-drive, pilot operated piston, conductive and normal close. (NC)
- 2/2 way solenoid valve.
- Suitable for high frequent operation.
- Standard voltage: 110VAC / 220VAC / 24VDC. (50/60HZ)
- Special voltage AC/DC for customer made.
- Normal working temperature: 185°C. (PTFE)
- Customized Plug: Viton, Silicone, EPDM for alternative. Others: Viton (130°C), Silicone (130°C), EPDM (130°C)
- AC voltage Tolerance: +/- 10%
- DC voltage Tolerance: +/- 1%

### Not Apply For Fluid of

- Liquid status when heat, solid status when cool.
- Viscosity over 20 cst.
- Corrosive fluid.

### Cautions

- Pipe must be washed neat and clean before installation.
- A Y-Strainer has to be installed in the front of solenoid valve, which elongate usage.
- Before installation, be sure the type of fluid, voltage, pressure and fluid temperature used.
- Prohibition vertical operation.

### Specification

| Model  | Waterproof Din / flying Lead Coil | NASS Din Coil (IP65) | Pipe Size | Cv   | Orifice | Fluid      | Operating Pres. Kgf / cm <sup>2</sup> |          |          |           |     | Dimension (mm) |     |    | Wt. (Kgs) |
|--------|-----------------------------------|----------------------|-----------|------|---------|------------|---------------------------------------|----------|----------|-----------|-----|----------------|-----|----|-----------|
|        |                                   |                      |           |      |         | Temp °C    | Water                                 | Air      | Steam    | Light Oil | Gas | L              | H   | D  |           |
| UPS-15 | •                                 | •                    | 1/2"      | 4.0  | 17 mm   | -5°C~185°C | 0.5 - 10                              | 0.5 - 10 | 0.5 - 10 | 0.5 - 10  |     | 82             | 118 | 48 | 1.32      |
| UPS-20 | •                                 | •                    | 3/4"      | 6.0  | 17 mm   | -5°C~185°C | 0.5 - 10                              | 0.5 - 10 | 0.5 - 10 | 0.5 - 10  |     | 82             | 120 | 48 | 1.44      |
| UPS-25 | •                                 | •                    | 1"        | 12.0 | 22 mm   | -5°C~185°C | 0.5 - 10                              | 0.5 - 10 | 0.5 - 10 | 0.5 - 10  |     | 100            | 135 | 48 | 2.13      |