

## Direct Acting

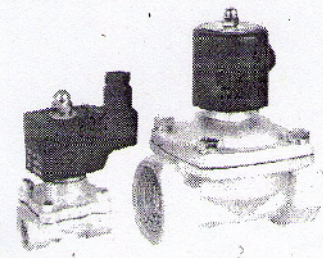
## 2W(Large Orifice) Series Solenoid Valve

Direct operated 2/2 Way Solenoid Valve

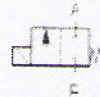
### FEATURE

- Compact and good appearance
- Direct acting diaphragm structure, can work at zero pressure
- Can change to pin type coil

### SB116-4 Series Solenoid Valve



SYMBOL



### SPECIFICATIONS

| Model    | Nominal Orifice (mm) | Port Size (G) | Operating Pressure (Bar) | Operating Temp (°C) | Fluid Temp (°C) |        | Power Consumption |        | Rated Voltage                                   |
|----------|----------------------|---------------|--------------------------|---------------------|-----------------|--------|-------------------|--------|-------------------------------------------------|
|          |                      |               |                          |                     |                 |        | AC (VA)           | DC (W) |                                                 |
| 2W160-10 | 16                   | G3/8          | 0 ~ 7                    | -5 ~ +80            | Direct Acting   | 200CST | 16                | 14     | ACV:50-60Hz<br>24, 116, 220, 380<br>DCV: 12, 24 |
| 2W160-15 | 16                   | G1/2          |                          |                     |                 |        |                   |        |                                                 |
| 2W200-20 | 20                   | G3/4          |                          |                     |                 |        |                   |        |                                                 |
| 2W250-25 | 25                   | G1            |                          |                     |                 |        |                   |        |                                                 |
| 2W350-35 | 35                   | G1 1/4        |                          |                     |                 |        |                   |        |                                                 |
| 2W400-40 | 40                   | G1 1/2        |                          |                     |                 |        |                   |        |                                                 |
| 2W500-50 | 50                   | G2            |                          |                     |                 |        |                   |        |                                                 |

### OVERALL DIMENSIONS :

| Model    | (G)    | A   | B   | C   | D   |
|----------|--------|-----|-----|-----|-----|
| 2W160-10 | G3/8   | 93  | 56  | 108 | 65  |
| 2W160-15 | G1/2   | 93  | 56  | 108 | 65  |
| 2W200-20 | G3/4   | 100 | 55  | 117 | 72  |
| 2W250-25 | G1     | 104 | 78  | 125 | 90  |
| 2W250-35 | G1 1/4 | 141 | 93  | 172 | 124 |
| 2W400-40 | G1 1/2 | 141 | 93  | 172 | 124 |
| 2W500-50 | G2     | 157 | 124 | 185 | 153 |

## For Steam temperature : -5 - 180 °C

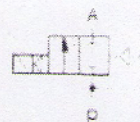
## 2L Series Solenoid Valve

2L Series two-position two-way Solenoid Valve

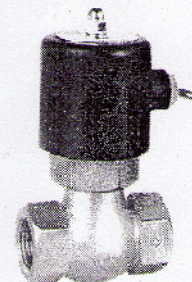
### 2W Series Solenoid Valve

### FEATURE

- Adopting pointed structure with self-sealing compensation lengthens the service life of the valve
- Solenoid magnetic field design can make this product have higher pressure
- The balance of the piston gap design enhances the reliable application of this valve in high temperature
- Connection can: 1/8"-2"
- Working pressure: 1-15 Bar
- Seal PTFE



SYMBOL

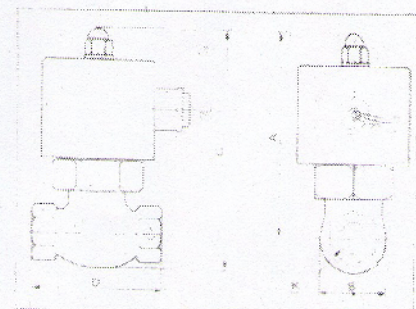


### SPECIFICATIONS

| Model    | Nominal Orifice (mm) | Port Size (G) | Operating Pressure (Bar) | Operating Temp (°C) | Fluid Temp (°C) |        | Power Consumption |        | Rated Voltage                                   |
|----------|----------------------|---------------|--------------------------|---------------------|-----------------|--------|-------------------|--------|-------------------------------------------------|
|          |                      |               |                          |                     |                 |        | AC (VA)           | DC (W) |                                                 |
| 2L170-10 | 17                   | G3/8          | 1 ~ 15                   | -20 ~ +55           | 0 ~ +150        | <20CST | 16                | 14     | ACV:50-60Hz<br>24, 116, 220, 380<br>DCV: 12, 24 |
| 2L170-15 | 17                   | G1/2          |                          |                     |                 |        |                   |        |                                                 |
| 2L170-20 | 17                   | G3/4          |                          |                     |                 |        |                   |        |                                                 |
| 2L200-25 | 22                   | G1            |                          |                     |                 |        |                   |        |                                                 |
| 2L300-35 | 30                   | G1 1/4        |                          |                     |                 |        |                   |        |                                                 |
| 2L300-40 | 30                   | G1 1/2        |                          |                     |                 |        |                   |        |                                                 |
| 2L500-50 | 50                   | G2            |                          |                     |                 |        |                   |        |                                                 |

### OVERALL DIMENSIONS :

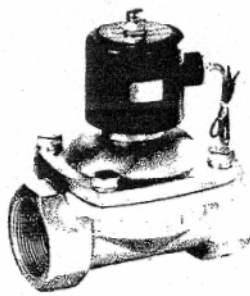
| Model    | (K)    | A   | B    | C   | D    |
|----------|--------|-----|------|-----|------|
| 2L170-10 | G3/8   | 125 | 42   | 146 | 82   |
| 2L170-15 | G1/2   | 125 | 42   | 146 | 82   |
| 2L170-20 | G3/4   | 125 | 42   | 146 | 82   |
| 2L200-25 | G1     | 136 | 52   | 162 | 90.5 |
| 2L300-35 | G1 1/4 | 148 | 74   | 185 | 111  |
| 2L300-40 | G1 1/2 | 148 | 74   | 183 | 111  |
| 2L500-50 | G2     | 176 | 94.5 | 223 | 163  |



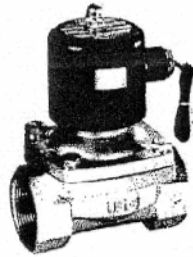


**UNI-D ISO9001-2000**

2/2 Solenoid Valve



● UW-50



● UW-40



● UW-25



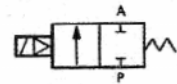
● UW-15



● UW-10T

**UW**  
(UW Series Solenoid Valve)

■ Graphics Sign



● Ordering Code

**UW**

UW

**10**

(Pipe Size):  
10: ZG3/8  
15: ZG1/2  
20: ZG3/4  
25: ZG1  
35: ZG1 1/4  
40: ZG1 1/2  
50: ZG2

**T**

(Standard Coil)  
T :  
(Rhombus Coil)

**AC220V**

(Standard Voltage):  
AC110V  
AC220V  
AC380V  
DC24V

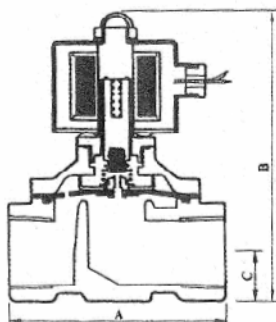
Specific Property:

This guiding type valve adopts the diaphragm seal structure, with zero differential pressure starting function, large flow, simple structure, easy maintenance, good waterproof performance and multiple wiring directions.

■ Technical Parameter

| (Item) \ (Specification) | UW-10/UW-10T                                                      | UW-15/UW-15T | UW-20/UW-20T | UW-25/UW-25T | UW-35   | UW-40   | UW-50 |
|--------------------------|-------------------------------------------------------------------|--------------|--------------|--------------|---------|---------|-------|
| Material of Body         | (Foundry)                                                         |              |              |              |         |         |       |
| Operating Method         | (Film Pilot)                                                      |              |              |              |         |         |       |
| Pipe Size                | ZG3/8                                                             | ZG1/2        | ZG3/4        | ZG1          | ZG1 1/4 | ZG1 1/2 | ZG2   |
| Nominal Diameter (mm)    | 16                                                                | 20           | 20           | 25           | 37      | 37      | 50    |
| Applicable Fluid         | (Air), (Water), (Oil) ( 5CST ) (5CST bellow)                      |              |              |              |         |         |       |
| Pressure Range           | 0~0.8MPa                                                          |              |              |              |         |         |       |
| Applicable Temperature   | -5~99°C                                                           |              |              |              |         |         |       |
| Specified Voltage        | AC12V, AC24V, AC36V, AC110V, AC220V, AC380V, DC12V, DC24V, DC110V |              |              |              |         |         |       |
| Operating Voltage Range  | ± 10%                                                             |              |              |              |         |         |       |
| Min. Activating Time     | 0.05S                                                             |              |              |              |         |         |       |
| Install Method           | (Horizontal Fixing)                                               |              |              |              |         |         |       |

■ Figure Dimension

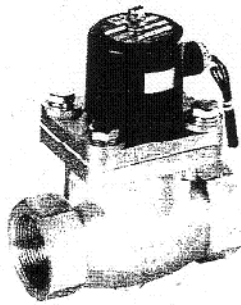


| (Specification) | A   | B   | C  | D    | E   | F       |
|-----------------|-----|-----|----|------|-----|---------|
| UW-10/UW-10T    | 69  | 117 | 16 | φ 50 | 57  | ZG3/8   |
| UW-15/UW-15T    | 69  | 117 | 16 | φ 50 | 57  | ZG1/2   |
| UW-20/UW-20T    | 73  | 124 | 17 | φ 50 | 57  | ZG3/4   |
| UW-25/UW-25T    | 99  | 135 | 23 | φ 50 | 73  | ZG1     |
| UW-35           | 123 | 172 | 30 | φ 70 | 95  | ZG1 1/4 |
| UW-40           | 123 | 172 | 30 | φ 70 | 95  | ZG1 1/2 |
| UW-50           | 168 | 209 | 37 | φ 70 | 123 | ZG2     |

**Uni-D ISO9001-2000**

2/2 Solenoid Valve

US  
(US Series Solenoid Valve)



● US-50



● US-40



● US-25

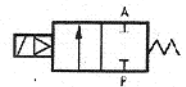


● US-20



● US-15

■ Graphics Sign



● Ordering Code

US

US

10

(Pipe Size);  
10: ZG3/8  
15: ZG1/2  
20: ZG3/4  
25: ZG1  
35: ZG1 1/4  
40: ZG1 1/2  
50: ZG2

AC220V

(Standard Voltage);  
AC110V  
AC220V  
AC380V  
DC24V

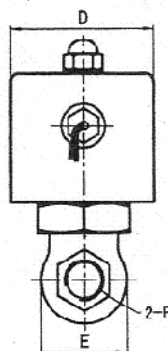
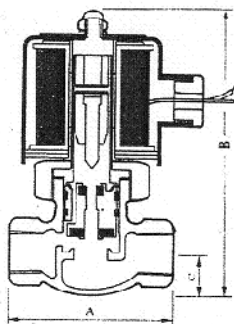
Specific Property:

It adopts teflon hard seal structure, with reliable performance, anticorrosion, high-temperature resistance, large flow, high pressure, good waterproof performance and multiple wiring directions.

■ Technical Parameter

| (Item) \ (Specification) | US-10                                                             | US-15 | US-20 | US-25 | US-35   | US-40   | US-50 |
|--------------------------|-------------------------------------------------------------------|-------|-------|-------|---------|---------|-------|
| Material of Body         | (Foundry)                                                         |       |       |       |         |         |       |
| Operating Method         | (Plunger Pilot)                                                   |       |       |       |         |         |       |
| Pipe Size                | ZG3/8                                                             | ZG1/2 | ZG3/4 | ZG1   | ZG1 1/4 | ZG1 1/2 | ZG2   |
| Nominal Diameter (mm)    | 17                                                                | 17    | 17    | 20    | 30      | 30      | 50    |
| Applicable Fluid         | (Air), (Water), (Oil) ( 5CST ) (5CST below), (Steam)              |       |       |       |         |         |       |
| Pressure Range           | 0.05~1.5MPa                                                       |       |       |       |         |         |       |
| Applicable Temperature   | -5~185°C                                                          |       |       |       |         |         |       |
| Specified Voltage        | AC12V, AC24V, AC36V, AC110V, AC220V, AC380V, DC12V, DC24V, DC110V |       |       |       |         |         |       |
| Operating Voltage Range  | ± 10%                                                             |       |       |       |         |         |       |
| Min. Activating Time     | 0.05S                                                             |       |       |       |         |         |       |
| Install Method           | (Horizontal Fixing)                                               |       |       |       |         |         |       |

■ Figure Dimension



| Specification | A   | B   | C  | D    | E  | F       |
|---------------|-----|-----|----|------|----|---------|
| US-10         | 83  | 146 | 21 | φ 70 | 42 | ZG3/8   |
| US-15         | 83  | 146 | 21 | φ 70 | 42 | ZG1/2   |
| US-20         | 83  | 146 | 21 | φ 70 | 42 | ZG3/4   |
| US-25         | 90  | 162 | 26 | φ 70 | 52 | ZG1     |
| US-35         | 110 | 183 | 36 | φ 70 | 74 | ZG1 1/4 |
| US-40         | 110 | 183 | 36 | φ 70 | 74 | ZG1 1/2 |
| US-50         | 163 | 223 | 47 | φ 70 | 95 | ZG2     |