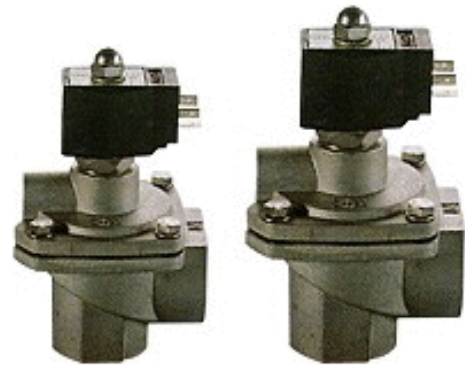
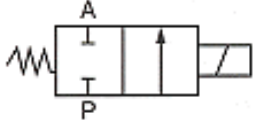


## Suitable for Water, Hot water, Air, Gas, Slight acid & alkali, Vacuum

### Features:

- Being systematically manufactured this unit features compactness, large flow, and low power consumption.
- The interior design of solenoid valve is pilot piston type. The seat is made of teflon, suitable for high pressure, and high temperature control.

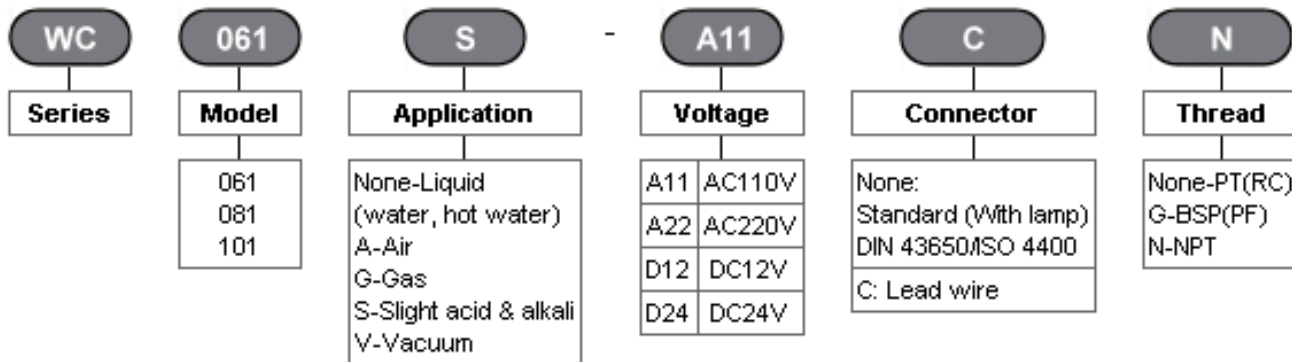
Normally closed



### Specifications:

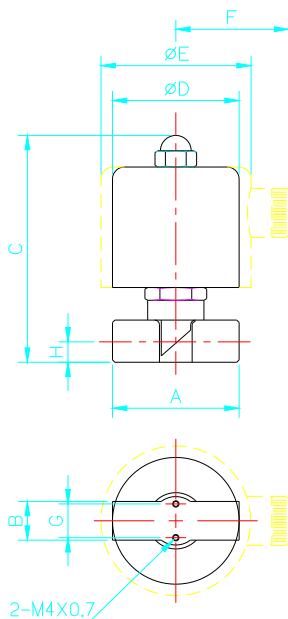
| Model  | Port size | Orifice (mm) | CV valve | Fluid temp. (°C)     | Seal disc | Differential pressure kg/cm <sup>2</sup> (bar) |      |       |             | Weight (kg) |
|--------|-----------|--------------|----------|----------------------|-----------|--|------|-------|-------------|-------------|
|        |           |              |          |                      |           | Water  | Air  | Steam | Oil (200°C) |             |
| WC 061 | 1/8"      | 3            | 0.26     | -10<br> <br>180(200) | PTFE      | 0-10   | 0-10 | 0-10  | 0-7         | 0.49        |
| WC 081 | 1/4"      | 3            | 0.26     |                      |           | 0-10   | 0-10 | 0-10  | 0-7         | 0.47        |
| WC 101 | 3/8"      | 4            | 0.58     |                      |           | 0-10   | 0-10 | 0-10  | 0-7         | 0.43        |

### How to Order:



### External Dimensions:

Unit: mm



| Model                 | A  | B  | C  | D  | E  | F  | G  | H    | Voltage type |
|-----------------------|----|----|----|----|----|----|----|------|--------------|
| WC 061<br> <br>WC 083 | 41 | 19 | 85 | 53 | -  | 63 | 15 | 10.5 | AC           |
| WC 101                | 50 | 25 | 90 | -  | 58 | 65 | 15 | 11.7 | AC           |
|                       | 50 | 25 | 90 | -  | 68 | 70 | 15 | 11.7 | DC           |

### Notes:

1. Direct-acting valves are ideally suited to allocate at any angle.
2. Voltage drop range is within ±10%.
3. Pressure of voltage DC is 70% of voltage AC only.
4. Max. temperature is up to 200°C.
5. Oil is custom-made.

### Inapplicable Fluids:

1. Fluids that have kinematic viscosity over 50 CST.
2. Fluids that will turn to liquid after being heated and become solid after being cooled.
3. Corrosive fluids.