



## Series GPW-S6-Stainless Steel

### 2/2-way Forced Lifting, Normally Closed



#### Compatible Fluids:

Air, Inert Gases, Water, Hydraulic Fluids, Petroleum Products and additional fluids compatible with materials of construction

#### Installation:

The valves can be mounted in any position. It is however recommended to install them with the coil in vertical position above the body.

#### Notes:

We recommend to install a strainer or filter before the valve if fluid is contaminated

#### Function:

Non-energised closed by spring power (NC)

When energised, the plunger opens the pilot orifice relieving pressure from the top of the diaphragm via the outlet side of the valve. The line pressure then opens the valve by lifting the diaphragm off the main orifice.

Body Material: Stainless Steel SS316

Sealing Material: VITON

Pressure Range: 0~10bar

#### Fluid Temperature:

VITON 110o C

Ambient 50o C

Enclosure: DIN43650A, IP65

#### Voltage Available:

AC 24, 48, 110, 240V 50Hz

DC 12, 24V=

Tolerance +/- 10%

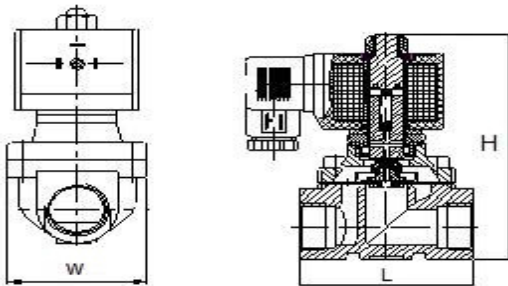
#### Power Consumption DIN COIL:

AB410 AC-22VA, DC-18W

AB510 AC-28VA, DC-24W

#### DIN 43650A coil (IP65):

Solenoid coil is fitted with LED plug + varistor (VDR) to protect supply switch from inductive voltage spikes, and protect coil from burn-out.



| Port Size<br>G | Orifice (mm) | Part Number | Cv Value | Pressure Differential (bar) |     |    | Dimensions |        |        |
|----------------|--------------|-------------|----------|-----------------------------|-----|----|------------|--------|--------|
|                |              |             |          | Min                         | Max |    | L (mm)     | W (mm) | H (mm) |
|                |              |             |          |                             | AC  | DC |            |        |        |
| 1/2            | 15           | GPW-15S6    | 4.8      | 0                           | 10  | 10 | 60         | 45     | 111    |
| 3/4            | 20           | GPW-20S6    | 7.6      | 0                           | 10  | 10 | 62         | 50     | 117    |
| 1              | 25           | GPW-25S6    | 12       | 0                           | 10  | 10 | 82         | 66     | 124    |
| 1 1/4          | 32           | GPW-35S6    | 24       | 0                           | 7   | 7  | 102        | 82     | 156    |
| 1 1/2          | 40           | GPW-40S6    | 29       | 0                           | 7   | 7  | 110        | 85     | 161    |
| 2              | 50           | GPW-50S6    | 48       | 0                           | 7   | 7  | 134        | 108    | 176    |



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