

## Flanged Manuel Control Natural Gas Solenoid Valve S8079 Series (NW65, NW80, NW100)

### GENERAL FEATURES

- Wide pressure range, flow rate and orifis options.
- Solenoid valvs are used with filters.
- Solenoid valves can be mounted in any position without affecting its operation, coil to be used in a vertical position.
- It is applicable for natural gas, lpg, methan, butane, propane, gas, noncorrosive gas. These are applicable for valve usage
- Operating Temperature: -10 °C / +80 °C
- No pressure difference is required.

### ELECTRICAL CHARACTERISTICS

|                          |                                                                                                                  |
|--------------------------|------------------------------------------------------------------------------------------------------------------|
| Continuous Duty          | : ED %100                                                                                                        |
| Coil Insulation Class    | : H (180°C)(IEC 85)                                                                                              |
| Coil Impregnation        | : Polyester Fiber Glass                                                                                          |
| Ambient Temperature      | : -10°C, +60°C                                                                                                   |
| Protection Degree        | : IP65 (ISO 60529)                                                                                               |
| Electric Plug Connection | : DIN 46340 3- Poles Connector(DIN43650)                                                                         |
| Connector Specification  | : ISO 4400 / EN 175301-803 Form A,<br>Spade Plug (Cable Ø6-8 mm)                                                 |
| Electrical Safety        | : IEC 335                                                                                                        |
| Standard Voltages        | : AC 12V 15VA, 24V 15VA, 48V, 15VA, 110V 15VA,<br>230V 15VA, 230V 24VA<br>DC 12V 18W, 24V 18W, 48V,18W, 110V 18W |

On request other voltages

Voltages Tolerance : AC -15%, +10% DC -5%, +10%

Frequency : 50 Hz (60 Hz...)

On request; Connector with LED, PWM Socket

Specify coil voltage with order.

### MATERIALS IN CONTACT WITH FLUID

|                           |                             |
|---------------------------|-----------------------------|
| Body                      | : Aluminium                 |
| Internal Parts            | : Stainless Steel and Brass |
| Sealing                   | : NBR                       |
| Shading Ring              | : Copper (EN 12735-1)       |
| Seats, Core Tube, Springs | : Stainless Steel           |

### TECHNICAL FEATURES

Max. Viscosity : 5°E (-37cST veya mm²/s)

Response Time : Opening time : 30 ms

Closing Time : 30 ms

### SEALS FEATURES

NBR : -10°C...+80°C

EPDM : -10°C...+130°C

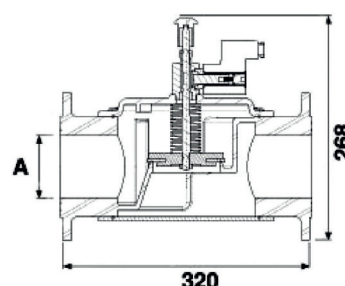
VITON : -10°C...+160°C

PTFE : -10°C...+180°C

RUBY : -10°C...+160°C

2 WAY

ΔP=0



| Dimensions (mm) |        |
|-----------------|--------|
| A               |        |
| DN65            | 2 1/2" |
| DN80            | 3"     |
| DN100           | 4"     |

**Not:** Please look catalogues for more details.

### STANDARDS

- Standard tube connection G (BSP) (ISO 228-1) and other tube connections (NPT (ANSI 1.20.3)) are available on request.

- TORK solenoid valves 97/23/EC, are available for pressure equipment directive (PED) and 2006/95/ECC low voltage directive (LVD).

| Solenoid Vave Symbol | Valve Type/ Order No | Connection Size | Orifis Size | Pressure min/max |     | Q     | Seal | Weight |
|----------------------|----------------------|-----------------|-------------|------------------|-----|-------|------|--------|
|                      | S8079                | G               | mm          | Bar              | Bar | m³ /h | NBR  | kg     |
|                      | S8079.09             | NW65            | 65          | 0                | 1   | 300   | ✓    | 6.5    |
|                      | S8079.10             | NW80            | 80          | 0                | 1   | 450   | ✓    | 6.9    |
|                      | S8079.12             | NW100           | 100         | 0                | 1   | 600   | ✓    | 12     |