

DESCRIPTION AND FEATURES

D262N type valves come in sizes from 1/2" to 2" and are intended for use with neutral and corrosive fluids (including steam). They are also suitable for liquids with high viscosity and/or containing impurities that prevent the use of pilot operated diaphragm or piston valves.

Valve body: AISI 316L stainless steel
Seals: PTFE
Fluid temperature: -10°C to +180°C

OPERATION

NC construction: in depressurised state, valve is closed by the force of the spring. Valve opens when pressurised by control fluid (via 3/2 solenoid or pneumatic actuator).

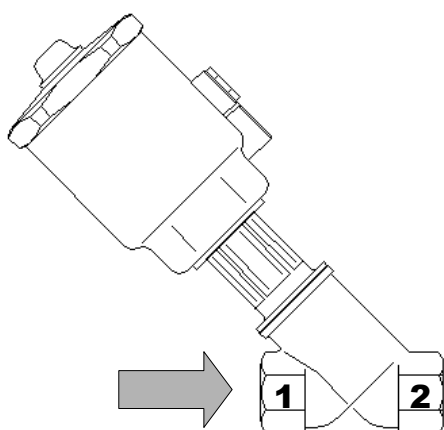
NO construction: in depressurised state, valve is open by the force of the spring. Valve closes when pressurised by control fluid (via 3/2 solenoid or pneumatic actuator).

MOUNTING INSTRUCTIONS

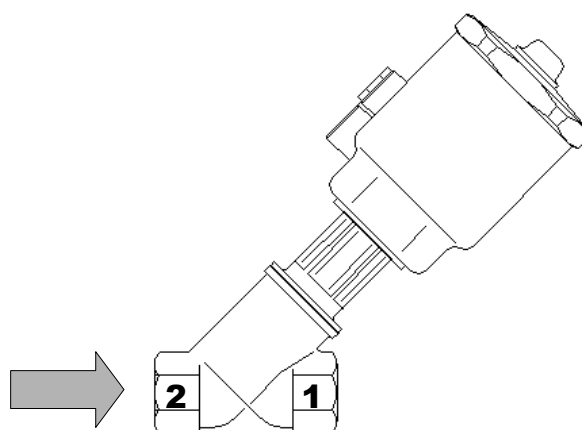
VALVE ORIENTATION – IMPORTANT!

Orientation of valves used with water and other liquids (including those with high viscosity) shall be 2 → 1: fluid entry is on port 2 and exit on port 1. Wrong valve orientation will result in pipeline and equipment damage due to waterhammer effect.

Orientation of valves used with air, steam and other gaseous fluids shall be 1 → 2.



Air, steam and gases



Water and other liquids

ACTUATOR CONNECTION

Valve can be activated by independent fluid source or with main fluid bypass if pressure is adequate. Compressed air is commonly used for activation. Sometimes water can also be used provided it does not contain impurities and solid particles and its temperature does not exceed 60°C. It should be taken into account that water causes limescale deposit on wet parts that can disturb valve operation and increase wear.

Use proper actuator port depending on valve construction – NC or NO. Observe markings on valve cylinder.

Actuator pressure shall not exceed 10 bar.

Pressure ratio between main fluid and actuator is approximately 1:2 for valve sizes up to 1" and 1:1 for larger valves.

Actuator port size is G1/4 (ISO 228)

