

T99 – THREADED WEIR MODEL

Diaphragm threaded weir valve whose principal characteristic is its thread connection to the pipe. The bonnet is the same as that of the weir type (MODEL 100) for both manually driven and automatic valves. Due to the design of the body these valves cannot be lined.

The main features of the valve:

- Low cost maintenance.
- Simple and reliable design.
- The maintenance involved is just changing the diaphragm (when needed). It is done by simply removing the bonnet bolts, lifting off the bonnet assembly, replacing the diaphragm, and reassembling.

** Valves manufactured following European Pressure Equipment Directive PED 2014/68/EU.*

CONNECTIONS

Standard: Thread NPT and GAS (BSP)

**Other connections on request*

**Other connections (Socket welding – Type 99SW and Butt welding- Type 99BW)*

PRESSURES & SIZES

HANDWHEEL

Maximum service pressures recommended:

- DN15 (1/2") – DN80 (3") \diamond 10bar

PNEUMATIC (Double Acting) (AD-2 y AD-V2)

Maximum service pressures recommended:

- DN15 (1/2") – DN80 (3") \diamond 10bar

** Recommended pressure in the pneumatic: 4 bar*

PNEUMATIC (air to close) (AD y AD-V)

Maximum service pressures recommended:

- DN15 (1/2") – DN80 (3") \diamond 10bar

** Recommended pressure in the pneumatic: 4 bar*

PNEUMATIC (air to open) (AI-V and AI-VR)

Maximum service pressures recommended:

- DN15 (1/2") – DN80 (3") \diamond 10bar

** Recommended pressure in the pneumatic: 4.5 bar*

MATERIALS

BODY

GGG50

** Special alloys on request.*

BONNET

GGG25

** Special alloys on request.*

DIAPHRAGM

- Butyl (BU) Blue
- Reinforced butyl (BUR)
- Natural rubber (BL) White
- EPDM (EP)
- Hypalon (HY) Green
- Neoprene (NE) Red
- Nitrile (NI) Yellow
- Silicone (SI)



- PTFE (TE)
- Viton (VI) Orange

**The abbreviations or the identification colours are in the flap of the diaphragm.*

**The bonnet diaphragms are always in Natural rubber (BL).*

ACTUATORS

Manual, air to open actuator, air to close actuator, double acting actuator, electric, gear box.

ACCESSORIES

Position indicators, switches, solenoid valves, padlocks, mechanical limit switches, positioner.

SECTORS

Wastewater treatment plants, Chemical industry, power plants, automotive sector, food & beverage, mining, nuclear plants, metallurgical industry, pulp & paper...industry in general.