

T85/99 – THREADED STRAIGHT THROUGH MODEL

Straight through Valve whose principal characteristic is its thread connection to the pipe. The Bonnet is the same as that of the straight through type (MODEL 85) 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 is based on Installation of a new diaphragm. It is accomplished by simply removing the bonnet bolts, lifting off the bonnet assembly, replacing the diaphragm, and reassembling. There is no need to remove body from the line.

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

AVAILABLE CONNECTIONS

Standard: Thread NPT and GAS (BSP)

**Other connections on request*

** Other connections (Socket welding – Type 85-99SW and Butt welding- Type 85-99BW)*

PRESSURES & SIZES

HANDWHEEL

Maximum service pressures recommended:

- DN20 (3/4") – DN50 (2") \diamond 8 bar
- DN65 (2 1/2") \diamond 6 bar

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

Maximum service pressures recommended:

- DN20 (3/4") – DN50 (2") \diamond 7 bar
- DN65 (2 1/2") \diamond 5 bar

** Recommended pressure in the pneumatic: 4 bar*

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

Maximum service pressures recommended:

- DN20 (3/4") – DN50 (2") \diamond 7 bar
- DN65 (2 1/2") \diamond 5 bar

** Recommended pressure in the pneumatic: 4 bar*

PNEUMÁTIC (air to open) (AI-V y AI-VR)

Maximum service pressures recommended:

- DN20 (3/4") – DN50 (2") \diamond 7 bar
- DN65 (2 1/2") \diamond 5 bar

** Recommended pressure in the pneumatic: 5 bar*

MATERIALS

BODY – GGG50

BONNET – GG25

** Special alloys on request.*

DIAPHRAGM

- Butyl (BU) Blue
- Reinforced butyl (BUR)
- Natural rubber (BL) White
- EPDM (EP)
- Hypalón (HY) Green



- Neoprene (NE) Red
- Nitrile (NI) Yellow
- Silicone (SI)
- Vitón (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 open actuator, air to close actuator, double acting actuator, electric, gear box.

ACCESSORIES

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

SECTORS

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