

T100 – WEIR TYPE

The T100 weir Diaphragm valve is manufactured with a cast iron monoblock body. Depending on the fluid being used, the bodies can be internally lined protecting from aggressive chemical attacks.

The main features of the valve:

- 100% leak proof guaranteed
- The valve can be installed in any position
- Produced with high EU quality component
- Easy maintenance: Three part design allows maintenance replacement of parts without removing the valve body from the pipeline.
- Lubrication system
- Handwheel: comfortable grip, easy to use for fast operation, saves time and effort.
- Stem designed to reduce friction for low operating torque
- Diaphragm: provides positive shutoff and isolates all working parts from fluid line.
- Full flow and low pressure drop



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

CONNECTIONS

- Face to face according DIN-3202 y BS-5156.
- Flanges DIN PN10/PN16 and ASA 125/150.

**Other connections on request*

PRESSURES & SIZES

HANDWHEEL

Maximum service pressures recommended:

- DN15 (1/2") – DN150 (6") \diamond 10 bar
- DN200 (8") – DN250 (10") \diamond 8 bar
- DN300 (12") – DN350 (14") \diamond 4 bar

PNEUMATIC (air to close) (AD-V)

Maximum service pressures recommended:

- DN15 (1/2") – DN125 (5") \diamond 10 bar
- DN150 (6") \diamond 6 bar
- DN200 (8") – DN300 (12") \diamond 4 bar

** Recommended pressure in the pneumatic: 4 bar*

PNEUMATIC (air to close) (AD)

Maximum service pressures recommended:

- DN15 (1/2") – DN125 (5") \diamond 10 bar
- DN150 (6") \diamond 6 bar
- DN200 (8") – DN300 (12") \diamond 4 bar

** Recommended pressure in the pneumatic: 4 bar*

PNEUMATIC (Double acting) (AD-2 and AD-V2)

Maximum service pressures recommended:

- DN15 (1/2") – DN125 (5") \diamond 10 bar
- DN150 (6") \diamond 6 bar
- DN200 (8") – DN300 (12") \diamond 4 bar

** Recommended pressure in the pneumatic: 4 bar*

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

Maximum service pressures recommended:

- N15 (1/2") – DN125 (5") ◇ 10bar
- DN150 (6") ◇ 6bar
- DN200 (8") – DN300 (12") ◇ 3bar

** Recommended pressure in the pneumatic: 5 bar*

MATERIALS

BODY

GG25, GGG40, GGG50, A216 WCB, SS316 (CF8M), CARPENTER20 (CN7M).

** Special alloys on request.*

LINING

HARD RUBBER/EBONITE, ABRASSION NATURAL RUBBER, NEOPRENE, BUTYL, NITRILE (NBR), HYPALON, HALAR (ECTFE), RILSAN (POLIAMIDE)

** Other linings available on request*

BONNET

GG25

** Other 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 colour 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.