

T100E – ANGLED SHAPE

The T100E angled shape 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 performance guaranteed
- The valve can be installed in any position
- Produced with high EU quality components
- Easy maintenance: Three part design allows maintenance and actuator 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 line fluid.
- Low pressure drop



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

CONNECTIONS

Flanges.

- DIN PN10/PN16 and ASA 125/150.

*Other norms on request

PRESSURES & SIZES

MANUALS

Maximum service pressures recommended:

- DN20 (3/4") – DN150 (6") \diamond 10bar

PNEUMATIC (air to close) (AD)

Maximum service pressures recommended:

- DN20 (3/4") – DN125 (5") \diamond 10bar
- DN150 (6") \diamond 6bar

* Recommended pressure in the pneumatic: 4 bar

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

Maximum service pressures recommended:

- DN20 (3/4") – DN125 (5") \diamond 10bar
- DN150 (6") \diamond 6bar

* Recommended pressure in the pneumatic: 4 bar

PNEUMATIC (air to close + handwheel) (AD-V)

Maximum service pressures recommended:

- DN20 (3/4") – DN125 (5") \diamond 10bar
- DN150 (6") \diamond 6bar

* Recommended pressure in the pneumatic: 5 bar

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

Maximum service pressures recommended:

- DN20 (3/4") – DN125 (5") \diamond 10bar
- DN150 (6") \diamond 6bar

* 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, antiabrasive natural rubber, neoprene, butyl, nitrile (NBR), hypalon halar (ECTFE), rilsan (poliamide).

**Other linings available on request*

BONNET

GG25, STANDARD.

**Other linings available 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 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.