

# Urano



## Description

Urano is a pilot operated high pressure natural gas regulator specifically designed and developed by Gascat's Engineering Department. URANO has outstanding performance and is ideal for the transmission of natural gas and/or distribution systems.

Urano's top entry construction allows any maintenance and/or cleaning operations to be completed with no need to remove the valve body from the line, thus saving any service time as well as down time. This service operation should it be needed can then be carried out by just one operator and one tool.

We have designed the flow through the valve seat so that it reduces the valve seat seal wear during low flow but high velocity due to low demand and the seat being almost closed.

Urano's easily interchangeable orifice allows for more flexibility in adapting the regulator to the installation conditions of the customers' requirements.

The design of the valve seat assembly allows it to be substituted or replaced quicker than any other regulator in this high pressure high flow category.

Urano features the following characteristics:

- High Accuracy
- High range ability
- Large flows
- Low noise level (Can be below 80 dB with internal silencing)
- Bubble tight lock up, zero leakage at fully closed.
- Easy, fast and inexpensive maintenance due to our top entry design

## Technical Specification

### Materials:

- Body: Carbon Steel ASTM A216 Gr. WCB (others under review)
- Internals: Stainless Steel
- Seals: Buna N / Polyurethane (others under review)

### Connections:

- 1", 2", 3", 4", 6", 8"

- Flange ANSI 150#RF up to 900#RF
- Other connections and diameters are available on request.

**Operational Limits:**

- Temperature: -10°C a +60°C (other temperatures are available on request)
- Pressure Regulating Range: 1 to 80 bar

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