

### Proteu



#### Description Proteu N

The PROTEU N series is a self-operated pressure regulating valve with direct spring action, which is suitable for industrial applications with high flow and intermediary pressures.

It is ideal for use with natural gas, LPG and nitrogen, and other non-corrosive gases. The construction options, including forged brass, allow us to use the regulator with oxygen.

The regulation accuracy for large range flow is a characteristic of the PROTEU N series. In case of no consumption the regulator will close with zero leakage.

The PROTEU N is totally reliable offering a robust design and simple operation.

The “top-entry” design allows inspection, maintenance and servicing to be quick and easy, without having to take the valve out of the line.

#### Technical Specification

##### Materials:

- Body:
  - Carbon Steel ASTM A216 Gr. WCB
  - Brass
  - Stainless Steel
- Internals: Stainless Steel / Brass / Aluminium
- Seals: Buna N / Viton

##### Connections:

- 1" and 2"
- Thread NPT Female and Flange ANSI 150#RF and 300#R

##### Limits of Operation:

- Temperature: -10°C to +60°C (other values under review)
- Pressure Regulating Range: 0.5 to 12 bar