

## Application:

These are Adjustable Pressure Regulators. The Outlet Pressure can be adjusted by rotating the Spring Adjusting Screw. The Pressure Regulator is designed to reduce the pressure of 1 - 17 Kg/cm<sup>2</sup> to 0.5 - 10 Kg/cm<sup>2</sup> suitable for Commercial/ Industrial applications.



## Features

- Sensitive spring and large diaphragm provides accurate adjustment of delivery pressure.
- Regulator elastomers / seat can be inspected / replaced without removing main body from line.
- Regulator Can be installed horizontally / vertically in main line.
- Long lasting Powder Coated Body & Bonnet suitable for outdoor installation as well.
- Approved to: EN334:2005

## Material

- **Body:** Cast Steel / SGCI 400/12 Gr./CF8/CF8M
- **Bonnet:** Aluminium Die Cast/Cast Steel
- **Pad:** Synthetic Rubber
- **Diaphragm:** Synthetic Rubber
- **Trim Parts:** Brass/St. steel

### Enquiry Specifications:

- Service fluid
- Inlet Pressure (Min / Max)
- Outlet Pressure (Min / Max)
- Flow rate
- Operating Temperature
- Line size & Rating

## Specifications

- **Inlet Pressure:** 1 - 19 Kg/cm<sup>2</sup>
- **Outlet Pressure:** 0.5 - 1 Kg/cm<sup>2</sup>, 0.5 - 2 Kg/cm<sup>2</sup>, 0.5 - 4 Kg/cm<sup>2</sup>, 1 - 6 Kg/cm<sup>2</sup>, 2 - 10 Kg/cm<sup>2</sup>.
- **Flow Capacity:** 0 - 350 Nm<sup>3</sup>/hr
- **Gas:** LPG / Natural/ N2 /C2H2/H2/Air
- **End Connection:** 1", 1 1/2", 2" Flanged End as per ANSI 150# / ANSI 300#
- **Working Temp.:** 10 °C to 65°C

**Note:** Pressure regulator for Oxygen, Ammonia & for low & high temperatures are available on request.

| Sizes Available       | Type     | Φ A (mm) | B (mm) | C (mm) | D (mm) | Weight (kg) |
|-----------------------|----------|----------|--------|--------|--------|-------------|
| 1" NB ANSI 150#       | R2323    | 120      | 170    | 60     | 180    | 6.14        |
| 1 1/2" NB ANSI 150#   | R2316    | 120      | 200    | 85     | 190    | 8.5         |
| 1 1/2" " NB ANSI 300# | R2316-II | 120      | 200    | 85     | 190    | 8.7         |
| 2" NB ANSI 150#       | R2317    | 120      | 200    | 85     | 190    | 10.2        |
| 2" NB ANSI 300#       | R2317-II | 120      | 200    | 85     | 190    | 10.5        |

