



## PRESSURE REDUCING STATION- CONTROL VALVE

### APPLICATION:

- Pressure reduction for saturated & superheated steam with pneumatic control valve & PID loop

### RANGE:

- Capacity: 100 Kg/h to 8000 Kg/h and higher
- Size: 15 to 200 mm NB and higher

### TECHNICAL SPECIFICATIONS:

- Design Pressure
 

Inlet:	Outlet:
10.5 Kg/cm <sup>2</sup>	3.5 Kg/cm <sup>2</sup>
17.5 Kg/cm <sup>2</sup>	8 Kg/cm <sup>2</sup>
- Design Temperature: Saturated steam temperature

### MOC:

- Pipe: Carbon Steel, A 106 Gr.B
- Valves: Cast Steel with SS Internals
- End connections: # 150, # 300 RF

### FEATURES:

- Suitable for both intermittent and continuous operation
- Suitable for very high pressure reduction also
- Pid control loop ensures high accuracy and fast recovery from disturbance in downstream pressure
- Good flow range ability of 1:30
- Control valve trim heat treated and nitrided for higher life
- Can be used in hazardous area
- Operates even on low flow conditions
- Assured consistent downstream reduced pressure
- Designed as per best steam engineering practices
- Ready to install reduces installation time and field engineering
- Maintenance free and user friendly
- Both IBR Certified and Non IBR PRS are available