

Precision Engineering, Qualitative Performance



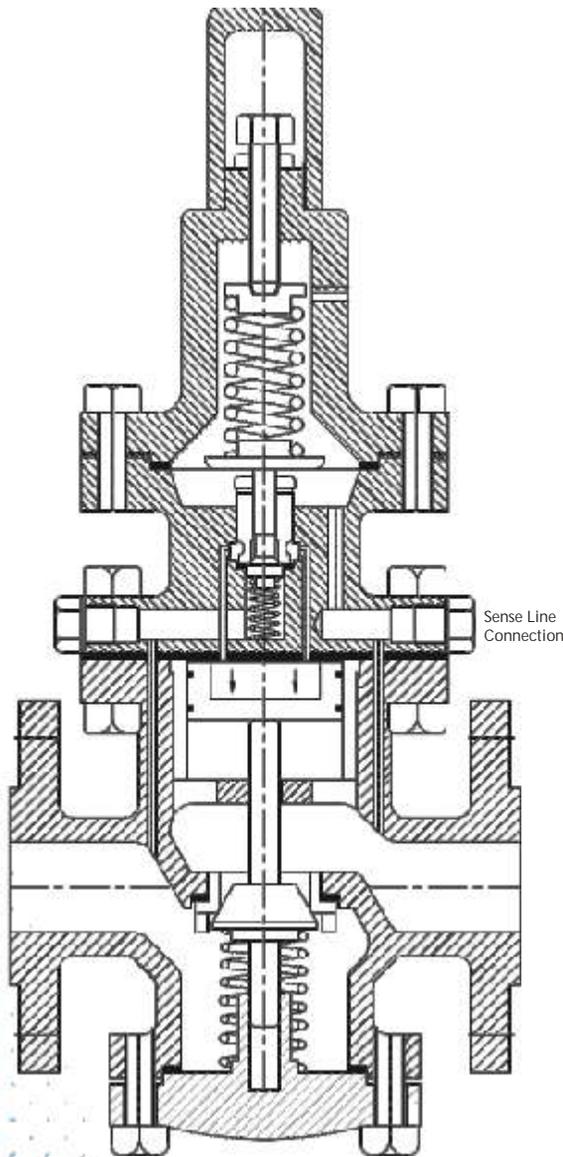
Steam

Pressure Reducing Valves
Pressure Reducing Station



an ISO 9001 : 2000 Certified Company

Self Acting Pressure Reducing Valve



Model - 1001

Self Acting, Pilot & Piston operated Pressure Reducing Valves are most popular for Pressure Reduction of STEAM in all types of Industries.

The valve operates on Spring Balance principle.

The Downstream pressure is sensed below the diaphragm which is balanced by the spring tension.

Increasing spring tension, increases outlet pressure and vice versa.

"The Valve has external Sense Line provision, which improves performance and accuracy of outlet pressure."

Features

- Special quality Hardened Stainless Steel Diaphragm manufactured by chemical etching process.
 - Max. inlet - pressure of 20 kg/cm²
 - Max. Adjustable outlet - pressure of 12 kg/cm²
- Maintains Constant Outlet pressure, irrespective of change in Upstream pressure.
- Variety of Spring Range for better Down Stream Pressure Control.

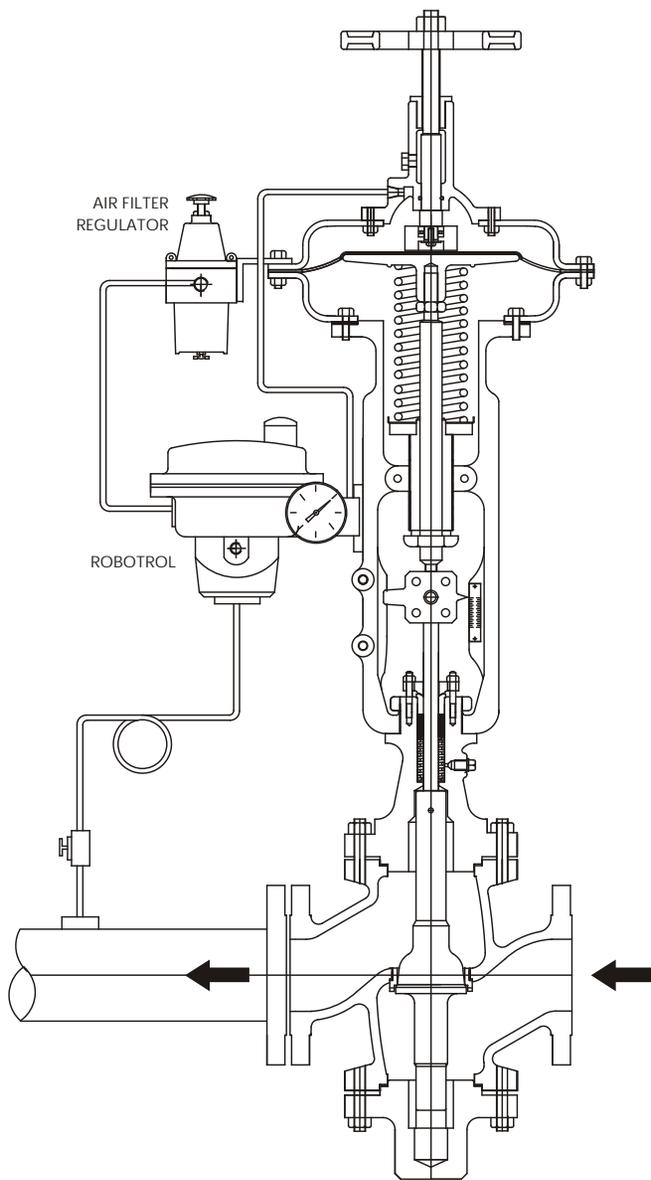
Outlet Pressure Range	Spring Colour
0.5 - 2.5 kg/cm ²	Yellow
2.0 - 8.0 kg/cm ² -	Green
7.5 - 12.5 kg/cm ² -	Red

- Very ideal for Low and Medium pressure, steam, gas and air.

Valve Data

Valve Size (NB)	15	20	25	40	50	65	80	100	150	200
F/F Distance-150# (mm)	185	185	194	210	254	300	311	347	433	543
Valve CV	5	6.5	10	18.5	32	55	70	108	200	260
Center to Top (mm)	345	350	350	385	400	440	510	560	610	800
Weight Kg-Appox.	15	16	19	32	38	62	94	130	195	260

Air operated / Robotrol operated Pressure Control Valve



Model - RB70142

This design of pressure regulating valve is according to latest development and highly in demand for accurate downstream pressure control.

This is an ideal replacement of self regulating PRV where high flow & high accuracy are required.

Features

- The Valve does not require any other instrumentation & works as good as control valve.
- Very precise downstream pressure control.
- High turn down ratio of flow 40:1 and for pressure 20:1.
- Top & bottom guided for high stability.
- Manual override eliminates need for by-pass line and hence causes huge savings.
- Different bellows to cover various outlet pressure requirements

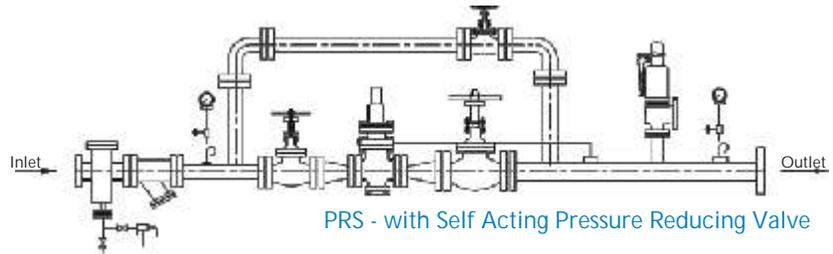
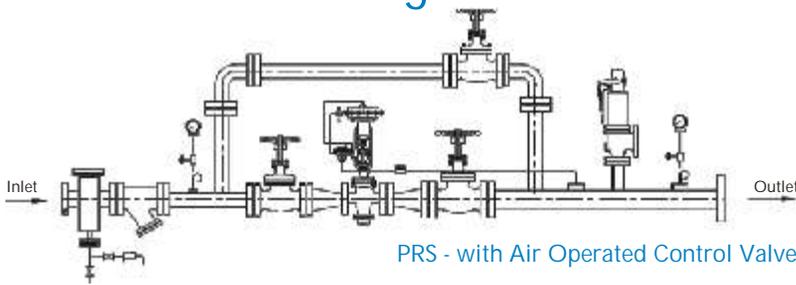
Outlet Pressure Range	Bellow Type
0.5 - 2.2 kg/cm ² -	L
2.0 - 8.0 kg/cm ² -	M
7.5 - 14.0 kg/cm ² -	H

- More than 200 valves installed in Textile Processing Industries.

Valve Data

Valve Size (NB)	40	50	65	80	100	150	200
F/F Distance-150# (mm)	222	254	276	298	352	451	543
Valve Cv	29	54	74	115	162	370	575
Center to Top (mm)	940	1015	1085	1085	1170	1410	1450
Weight Kg-Appox.	55	65	90	110	150	230	370

Pressure Reducing Station



Pressure Reducing Station

We build complete pressure reducing station, custom sized to suit customer's flow rate & pressure requirements.

- Installation cost is bare minimum.
- Precisely manufactured Globe/Piston Type Isolation Valve for accurate control.
- Moisture separators & Y-strainers from cast-steel for long life & smooth flow compared to fabricated separators used by many others.
- Properly sized safety relief valves which is also one of our own product. Sizes from 25 x 50 to 250 x 350 - IBR Approved
- From the process data, appropriate CV value is calculated and based on which as per customer's requirement any one of the following pressure regulating valve is offered.
- Self Regulating Type - PRV1001.
- Robotol Operated Control Valve - RB70142.
- Pneumatic Control Valve with complete instrumentation package such as Pressure Transmitter, PID Controller & Electro Pneumatic Positioner.
- More than 300 PRS already installed and working satisfactorily all over the country.

Other Range of Products



Darling Muesco (India) Pvt. Ltd.

Joint Venture with Anchor/Darling Valve Co.-USA

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