

# STEAMLOK ENGINEERING

[SLPRS - 97]

## PRESSURE REDUCING STATION



Steamlok



**SLPRS-97 is Pressure reducing station in carbon steel construction. High pressure steam generated is reduced & distributed to achieve process requirements. Steam supplied in pressure reducing station has more latent heat, per kg of steam for the process equipments. Thus increases efficiency of the Pressure Reducing.**

### SIZE

3/4" x 1" to 10" x 10"

### UNIQUE FEATURES

- Pressure reducing station in compact design.
- Safety Valve sizing with full discharge capacity.
- PRS gives excellent downstream control of pressure with full safety.
- Stellited trims in Control valve giving longer life.
- Maintenance free & high accuracy.

### CERTIFICATION

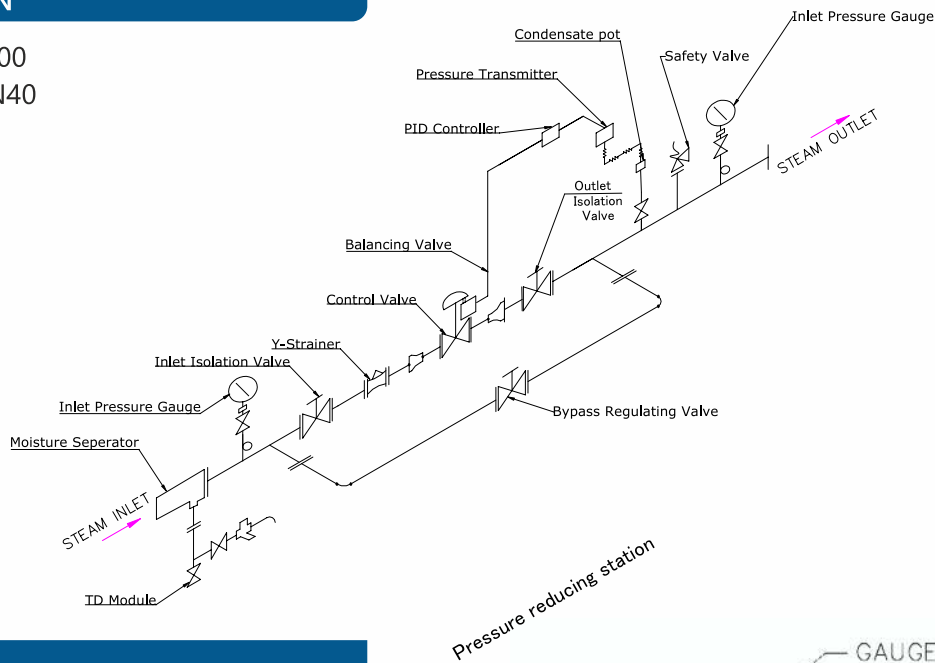
IBR



# [ SLPRS - 97 ] PRESSURE REDUCING STATION

## END CONNECTION

- Flange #150, #300
- Flange PN16, PN40



## INSTALLATION

- First close the inlet isolation valve & flush the line from bypass before Starting the system
- Ensure that module is assembled to the drain connection of moisture separator as shown in the drawing.
- Loose supplied inlet & outlet pressure gauges with syphon are assembled. Refer drawing as shown in figure 1 (a)
- Ensure strainer always installed parallel to its axis if removed in maintenance.
- Loose supplied safety valve is assembled to protect the system against the excess pressure.
- Ensure that condensate pot is connected to the system for installing the pressure transmitter so that pressure transmitter may not be damaged.
- Balancing line connection with valve is given to complete the control valve loop as shown in station drawing.
- If the positioner is pneumatic then i/p convertor is required if positioner is electro-pneumatic then i/p is not required for tubing connection refer figure 1(b).

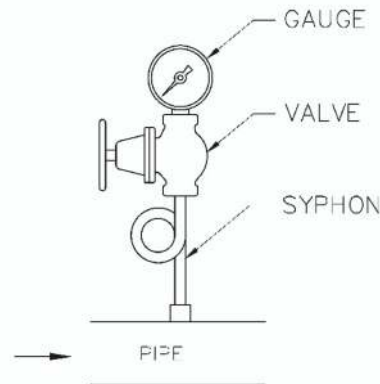
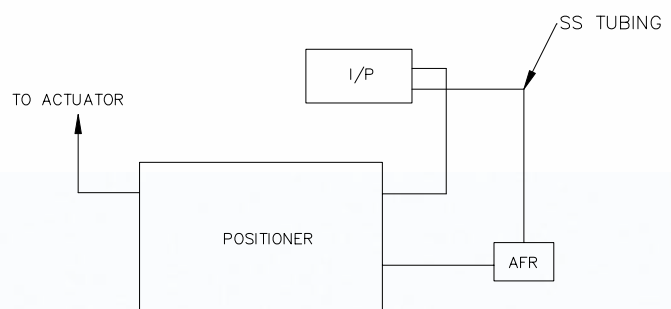


Figure 1 (a)



TUBE NC – CONNECTION

TOURE = 2 (c)

Figure 1 (b)

## HOW TO ORDER

Ex. SLPRS-97 Inlet pressure, outlet pressure, steam flow rate



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