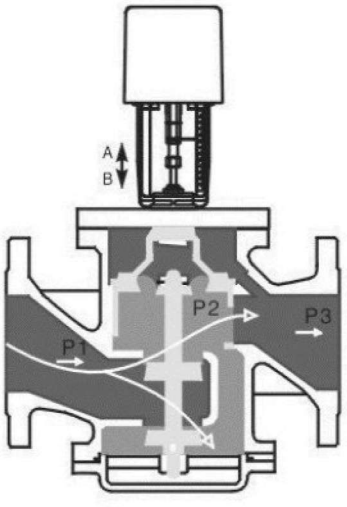
PRESSURE INDEPENDENT
CONTROL VALVE
PICV
PN16
CODE . LV 1903

LAVA
FLOW SOLUTIONS

SPECIFICATION: **Ductile Iron Body Pressure Independent Control Valve with EPDM Diaphragm and O- Ring, PPS Cone Internal Metal Components (Stainless Steel) SS Test Points, Flanged Ends Connection**



SPECIFICATION

- Pressure Rating: PN16
- Medium Temperature -10 to 120°C
- Ductile iron body
- Stainless steel stem
- PTFE Sealing ring
- EPDM Diaphragm
- Stainless steel test points
- Flanged ends connection ISO7005-2
- Actuator details: Modulating : 24V DC, 0-10V DC.

TECHNICAL NOTES:

- The valve needs to be installed so that the flow passes in the proper direction through the valve.
- The valve has to be installed upright.
- The valve should be installed in a clean water system (after flushing). In case the valve is installed during flushing or pressure testing, the valve must be fully opened, otherwise the diaphragm insert could get damaged.
- Install the actuator after the pipeline pressure test.



Technical Data

Diameter	Flow Rate m^3/h	Working Pressure	Accuracy	Tembrure
DN 25	0.2-2.9			
DN 32	0.5-4-7			
DN 40	1-7-7			
DN 50	2-12.1			
DN 65	3-20-4			
DN 80	5-30.8	PN 16	5%	0-100°C
DN 100	10-45.5			
DN 125	15-70.7			
DN 150	20-110.8			
DN 200	5.0-360			
DN 250	4.0-460			

All size is nominal(indicative)
Actual dimesions may vary