CONSTANT PRESSURE VALVE

Applications

Inlet constant pressure: maintaining certain value at inlet,valve with such design is particularly installed at the back of separator heat exchanger, working as a safety valve

Modello I

Outlet constant pressure: maintaining certain value at outlet,valve with such design is particularly installed at the front of filling machine,bottling machine;

Modello O

Working Principle

CPM-2 constant pressure regulating valve controlled by the compressed air pressure regulating valve to control the size of the position, so as to achieve the required pressure and flow

Standard Design

Constant pressure valve body 12 mm thick steel forging design process, the spool and al] parts manufactured by A1S1316L or 304, sandblasting polishing inside and outside the body, the diaphragm is made of high quality rubber, the maximum temperature can reach 140 ° C

Technical Specification

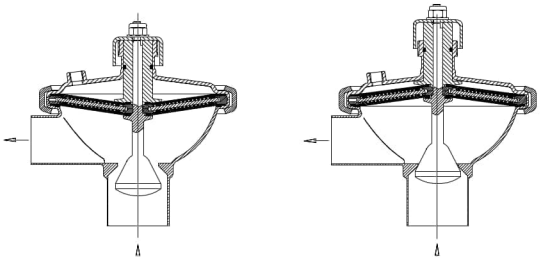
Largest producer of pressure: lO bar
Minimum production pressure: O bar = atmospheric

Temperature range: -10°C to +95°C
(on the diaphragm PTFE / EPDM) : -10°C to +140°C
(higher on request).
Air pressure: 0 to 6 bar
Flow range Kv, fully open (p = Ibar): about $23m^3/h$.
Flow range Kv, low capacity (p = 6bar): about $2m^3/h$.
Optional sizes: regulation of regional about $152m^3/h$.

CONSTANT PRESSURE VALVE

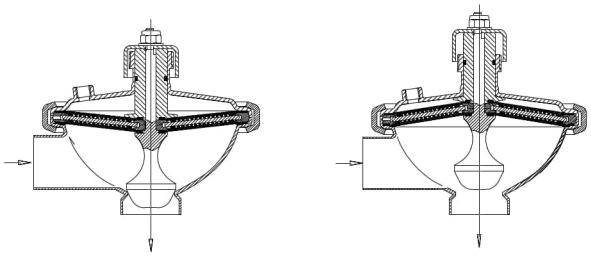
WORKING DIAPHRAGM

Outlet pressure constant

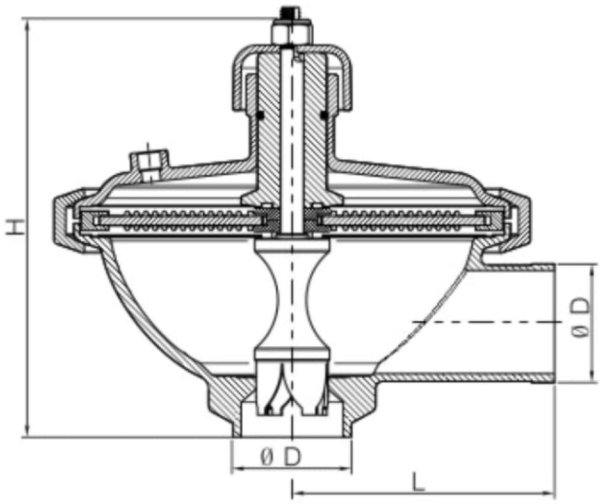


pressure reducing pressure raising

Inlet pressure constant



pressure reducing pressure raising

Partno:CPV01

Size	H	L	0D*S
025	210	180	25. -1*1.5
038	210	180	38. 1*1. 5
051	210	180	50. 8*1. 5
0 63	210	200	63. 5*2