

Slangeventil for vakuumanvendelse af typen AKOVAC

Pinch Valve vacuum application unit type AKOVAC

Beskrivelse:

Når en pneumatisk slangeventil fra AKO udsættes for vakuum > -0.1bar i den rørledning den sidder, vil slangen blive suget indad. Dette vil bevirke at flowet nedsættes og at levetiden på slangen forringes.

Ved at anvende AKOVAC kontrol enheden er det nu muligt at åbne eller holde en slangeventil helt åben. Det bliver således muligt at anvende slangeventiler ved et vakuum på helt op til -0,8bar i rørledningen.

Ved at anvende model "AKOVAC Comfort" kan specifikke uafhængige tryk indstilles, så slangeventilen kan lukkes. Ved at justere filterregulator (4) indikeret på manometer (6) kan man ændre vakuumtrykket. Ved at justere filterregulator (3) indikeret på manometer (7), kan man justere styretrykket.

Disse indstillinger, der kan justeres separat, bevirker at det lavere styrelufttryk der kræves for at lukke ventilen (1-2 bar) samt det ideelle vakuumniveau, i forhold til procestrykket, kan indstilles.

→ Styrelufttrykket, der justeres ved hjælp af filterregulator (4) kan dog ikke overstige det tryk som regulatoren (3) for vakuumniveauet er indstillet på.

Består af:

- Magnetventil (1)
- Vakuumpumpe (2)
- Filter regulator (3)
- Trykregulator (4)
- Manometer tilslutning (5)
- Manometer lukketryk (6)
- Manometer vakuumniveau (7)
- Montagevinkel (8)

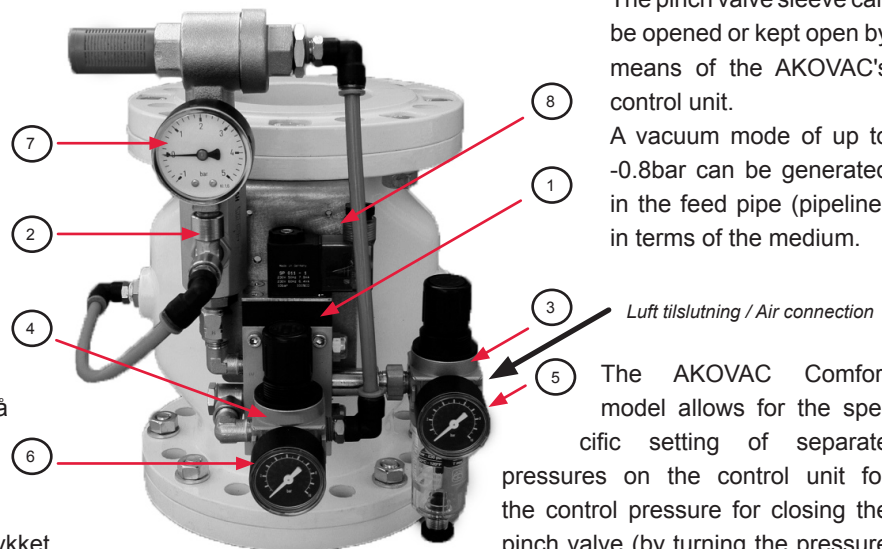
Versionen "AKOVAC Basic" tillader kun ét styretryk der benyttes både til lukning af den pneumatisk slangeventil og til styring af vakuumniveauet.

Description:

If a pneumatic AKO pinch valve is put under pressure by vacuum > -0.1bar in terms of the medium used (in the pipeline), the valve's sleeve will be deformed by the vacuum. This will have a negative effect on the product's flow rate and the life of the AKO pinch valve sleeve.

The pinch valve sleeve can be opened or kept open by means of the AKOVAC's control unit.

A vacuum mode of up to -0.8bar can be generated in the feed pipe (pipeline) in terms of the medium.



Luft tilslutning / Air connection

The AKOVAC Comfort model allows for the specific setting of separate pressures on the control unit for the control pressure for closing the pinch valve (by turning the pressure regulator (4), pressure monitoring by

the manometer of the pressure regulator (6)) and the control pressure which regulates the level of vacuum (by turning the filter regulator (3), vacuum monitoring by the manometer (7)). Therefore, the lower operating pressures required for use with vacuum (1-2 bar) for closing the pinch valve, and, if applicable, the slightly higher operating pressures used to achieve the ideal level of vacuum to compensate for the medium's vacuum can be adjusted separately to one another.

→ The control pressure to close the pinch valve which get adjusted by the pressure regulator (4) can not be higher then the control pressure which get adjusted by the filterregulator (3) for the vacuum level.

Consisting of:

- Solenoid Valve (1)
- Vacuum pump (2)
- Filter regulator (3)
- Pressure regulator (4)
- Pressure supply gauge (5)
- Pressure closure gauge (6)
- Vacuum gauge (7)
- Mounting bracket (8)

The AKOVAC Basic model only allows a control pressure which regulates that needed for closing the pneumatic pinch valve and at the same time the level of vacuum.



Tekniske ændringer forbeholdes.

Technical changes kept in reserve.

AKO Armaturen & Separations GmbH

D-65468 Trebur-Astheim • Adam-Opel-Str. 5 • Telefon: +49 (0) 61 47-9159-0 • Fax: +49 (0) 61 47-9159-59
E-Mail: ako@ako-armaturen.de • Internet: www.ako-armaturen.de