

Pressure Compensator VGD / VD / VDH

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Advanced Process Solutions

Function

- Storage of seal liquid

Pressure compensator VGD

- Pressure compensator with storage vessel including pressure gauge and safety valve
- Possibility of cooling the seal liquid using a cooling jacket (water jacket)
- Monitoring the liquid level using a proximity switch

Pressure compensator VD120

- Pressure compensator for high-pressure seals
- Suitable for pressures up to 140 bar in combination with pressure splitting device VD120PS
- Proximity switch for monitoring the liquid level

Pressure compensator for high pressure VDH

- Installation „above head height“ for automatic ventilation
- Magnetic roller display for monitoring the liquid level and automatic refilling

Advantages

ESD mechanical seals are designed on criteria ensuring minimum leakage rates involving usage of FEA. In contrast to other principles they therefore only require small reserves of lubricant.

Materials

Housing: Stainless steel
O-rings: FKM (Viton), FFKM (Kalrez, Chemraz etc.), special materials



EKATO



Pressure Compensator incl. handpump



A glance into the interior of the pressure compensator



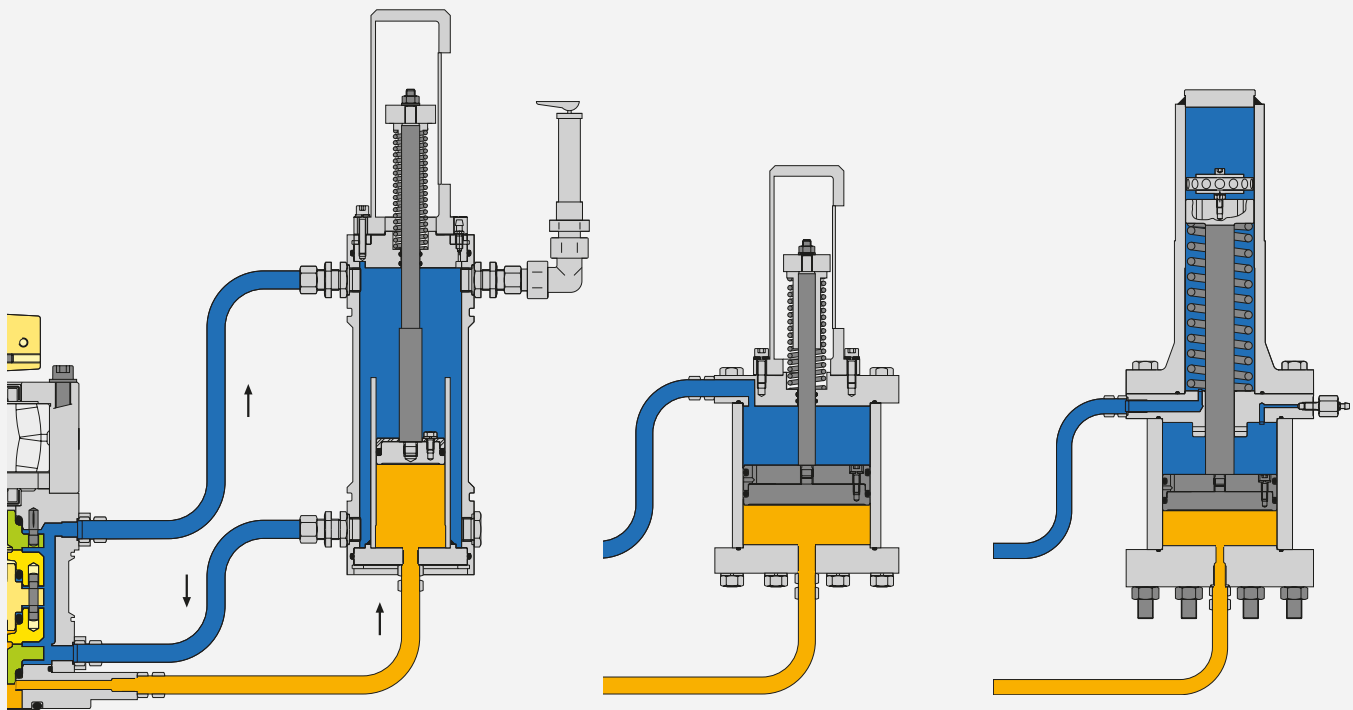
Pressure compensator VGD

Installation

VGD

VD

VDH



Application Data	VGD	VD	VDH
Working limits	ESD34G, ESD64G, ESD44	ESD64H, ESD66H	ESD44ESM
Volume	0,3 l	VD120 : 0,8 l	VDH120 : 0,8 l
Pressure ratio	1 : 1.07	1 : 1.02	1 : 1
Working pressure	up to 40 bar	up to 70 bar	up to 160 bar
Zulassung	acc. ATEX 94/9/EC	acc. ATEX 94/9/EC	acc. ATEX 94/9/EC