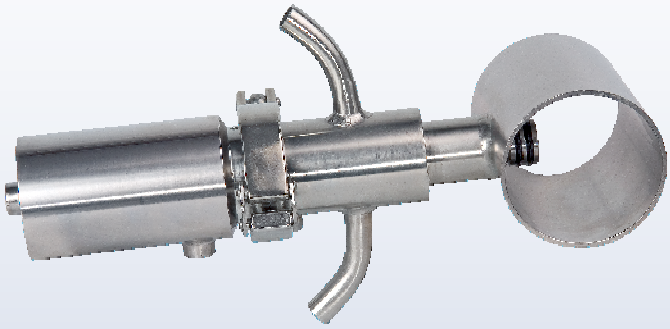
Process Line Equipment

Volumetric sample valve

PVL



- Constant sample volume taken on a regular interval
- Representative sample of the whole transferred batch
- Online CIP valve option
- Sample volume defined while manufacturing the valve, from 5 to 40 ml

SERVINOX Hygienic Standard Design

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HYGIENIC EQUIPMENT FOR FOOD & LIFE SCIENCES

Gillain & Co NV | Boomsesteenweg 85, B-2630 Aartselaar | Tel. +32 3 870 60 80, Fax +32 3 870 60 89 | advice@gillain.com | www.gillain.com

APPLICATION:

The PVL sample valve is pneumatically actuated. It is composed of a body equipped with a sampling chamber, a sampling piston and an actuator.
The sampling piston takes a volume of sample from the transfer line; this volume corresponds to the volume defined in the calibrated necking of the piston.
When the piston goes back to its initial position, this volume is transferred to the sampling flask through the outlet connection.
The sampling chamber is easily cleaned by connecting the cock to the CIP or by injecting a sterilising agent in.

TECHNICAL DATA:

Materials:

Parts in contact with product: 1.4404 stainless steel (316L)
Gaskets: EPDM

Characteristics:

The standard versions of the VDD valve are available in ND 50, 65, 80, 100 and 125(DIN), ND 51, 63, 76 and 104 (SMS), ND 40, 50, 65, 80 and 100 (ISO) and 1'', 1''1/2, 2'', 2''1/2, 3'' and 4'' (OD).
In the standard version, extremities are smooth for welding.
In the standard version, working pressure must not exceed 6 bars and temperature 120°C.
The elastomers are US FDA compliant.

OPTIONS:

- Auxiliary online CIP valve
- Temperature maintained by circulating heat transfer fluid through a jacket
- Male, clamp or flange connections
- Gaskets adapted to operating conditions (FKM, silicone, nitrile)
- Other grades of material on demand
- Other sizes on demand.

COMMISSIONING AND MAINTENANCE:

For all information concerning installation, commissioning, use and maintenance of this equipment, refer to technical notice XXX x F.

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