Gillain & Co

HYGIENIC EQUIPMENT FOR FOOD & LIFE SCIENCES

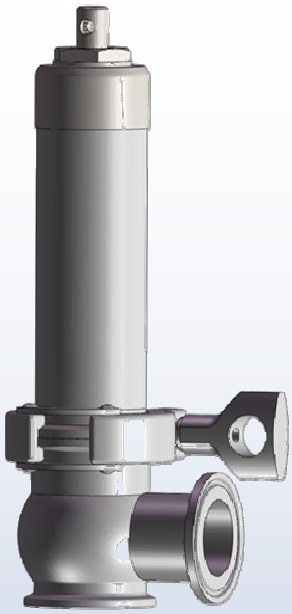
SAFETY

Line equipment

Tank Equipment

Safety valve

SHP



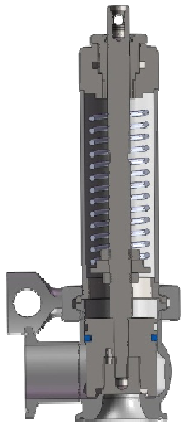
- High pressure safety valve (KD for gases and liquids: 0.5)
- Hygienic design flush with tank dome, inner Ra 0.6 µm in standard version
- Low maintenance costs
- Option of forced manual or pneumatic opening for SIP/CIP

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

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APPLICATION:

The SHP safety valve is process line and tank safety equipment, compliant with PED 97/23/CE (working pressure > 0.5 bars).
The SHP safety valve is designed to transport gases and liquids.



TECHNICAL DATA:

Materials:

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

Characteristics:

SHP safety valves are available in ND 8, 13, 20, 32 and 40, supplied with micro-clamp, mini-clamp or clamp depending on diameter.
This equipment it totally autonomous, requiring no external control for its operation.
Pressure calibration is with a stainless steel spring and pressure blowoff is collected.
Calibration must be between +0.5 bars and +6 bars; connections are with clamps.
In the standard version, the valves are designed to operate at a maximum pressure of 6 bars, and at a maximum temperature of 120°C.
Elastomers and plastics used are US FDA compliant.

OPTIONS:

- ATEX version 94/9/CE, zones 1 & 2, gases and dust
- Manual or automatic forced opening
- Inductive opening detection
- Protection against freezing by a temperature probe, heater cable and thermostat, to ensure valve operation at outdoor temperatures lower than 0°C
- "Temperature" version that can operate up to 165°C (gaskets other than nitrile or EPDM)
- Exists in a combined pressure/vacuum version (only for gases)
- Gaskets adapted to operating conditions (FKM, silicone, nitrile)
- Other grades of material on demand

COMMISSIONING AND MAINTENANCE:

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