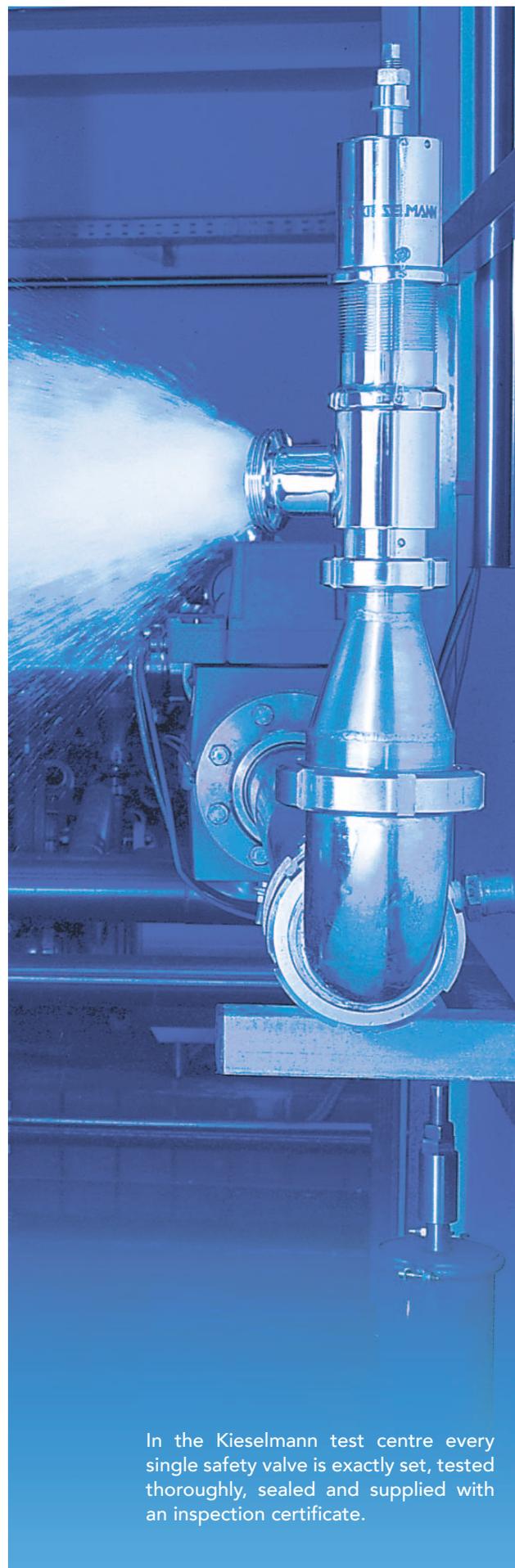


Kieselmann safety valves avoid overpressures and provide a safe and failure-free plant operation. The differentiated selection provides the suitable valve for all media, whether it concerns liquids or gas. The offer includes spring-loaded safety valves according to DGRL 97/23/EG. The valves which were exactly adjusted and leaded in the certified Kieselmann test centre are delivered with test certificate. Due to their high flow (α value), Kieselmann safety valves realise high performance also with smaller nominal widths and thus save investment costs.

The KIESELMANN security programme for tanks and conduits

- ▶ for liquids and gases
- ▶ authorisation according to DGRL 97/23/EG
- ▶ optimum blow-off performance with marginal flow resistance, i.e. high α -value
- ▶ Hygiene design
- ▶ CIP-/SIP cleanable
- ▶ designed according to EC machine guideline
- ▶ suitable for the installation in machines and plants which require CE marks



In the Kieselmann test centre every single safety valve is exactly set, tested thoroughly, sealed and supplied with an inspection certificate.

KIESELMANN safety valves for liquids and gases

These valves open if the adjusted pressure - done by KIESELMANN on customer request - was exceeded. Closing takes place by means of spring power. Applications are liquids and gases. Spring-loaded versions can be mounted in any position.

TECHNICAL DATA

Nominal widths

Liquids: DN 25 - DN 100

Gases: DN 20

Material: 1.4301 oder 1.4404
for all product wetted parts

Sealing material: EPDM (liquids)
Viton (gases)

Response pressure:
0,2 - 12 bar, depending on
nominal width (liquids)
0,1 - 10 bar (gases)

Operating temperature:
max. 80° C (liquids)
CIP-/SIP-compatible up 140° C
max. 130° C (gases)

Standard connection

versions: Liner nut DIN 11851,
RA 1" (gases)
Other connections available on
request (e.g. flange, clamp)

Optionally: pneumatic seat lifting
heatable (liquids)
Proximity switches (liquids)
protection cover (gases)
water seal (gases)



Safety valves for liquids
(spring-loaded)



Safety valve DN 25
for liquids and gases
(spring-loaded)



Safety valves for gases
(spring-loaded)

KIESELMANN Bunging valves for pressure regulation in fermenting processes

These valves open at a defined set pressure (set by user infinitely) with a small tolerance range. Field of application: gases. Bunging valves are usually used in a vertical position.

TECHNICAL DATA

Nominal widths: Ra 1", DN 25/32 and 50

Material product wetted:
1.4301 / AISI 304 or
1.4404 / AISI 316 L

Sealing material: EPDM / Viton

Set pressure: 0,2 - 4 bar (Typ 6266)
0,1 - 10 bar (Typ 6246)

Standard connection: Liner nut DIN 11851, RA 1"
Other connections available on request (e.g. flange, clamp)



Bunging valve type 6266 (spring-loaded)



Bunging fitting type 6246 (spring-loaded)

KIESELMANN tank dome fitting with single-hole connection at the tank

Prevention of overpressure and vacuum, for CO₂-recovery and tank cleaning

Combination module for the tank dome with DIN-connection as tank connection. The integrated change-over valve provides for a perfect cleaning and the control of CIP and CO₂.

TECHNICAL DATA

Nominal widths: DN 50 - 250

Material product wetted:
1.4301 / AISI 304

Spray ball/rotary jet cleaner connection:
DN 20 - 50

Hygiene: Cleaning certificate TU Munich Weihenstephan

Cleaning: Self-cleaning due to integrated spray nozzles



Standard version tank dome fitting TDAM with vacuum valve, safety valve, CIP/CO₂ valve and spray ball