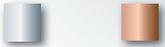




3.3

Pressure relief valves

Materials



Temperatures



from -60°C to +225°C

Pressures



from 0.1 bar to 30 bar

Media



Threaded connection



from G 3/8" to G 2"

These **pressure relief valves** are valves which have a proportional opening and closing characteristic. They guarantee perfect operation even though they do not have a TÜV Type Test Approval.

Pressure relief valves are suitable for equipment which does not fall under the Pressure Equipment Directive and in cases where only small blow-off capacities are required. In addition, due to their large setting ranges per spring, they are ideally suited to be held in stock for various applications and set pressures. The set pressure can be set and altered by the user.

Industries which rely on Goetze valves

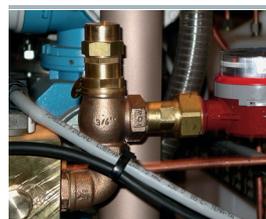
- Industrial applications
- Chemical plants
- Process equipment construction
- Test rig construction
- Shipbuilding and -repair
- Laboratories
- Mechanical engineering
- Pump protection
- Fuel systems
- Secondary areas in the food, beverage, pharmaceutical and cosmetic industries



➤ FUEL SYSTEM



➤ BEVERAGE INDUSTRY



➤ LABORATORY



➤ PUMPS

3.3 Pressure relief valves



Pressure relief valves Series 418

made of stainless steel, angle-type,
with threaded connections

Neutral



Non-neutral



Gastight



Bellows

Diaphragm

MEDIA:

 LIQUID

 GAS

 STEAM

These pressure relief valves for liquids, vapours and gases are extremely versatile and very easy to use. They are suitable both for neutral and non-neutral (inflammable, toxic) media. By means of the stainless steel compression spring either the dealer or the user can set or adjust the required setpressure. This is also possible when the valve is installed and under pressure. Furthermore, the exchangeable cartridge can easily be replaced without having to dismantle the valve from the piping system. In addition, like in all other Goetze valves, this valve has high quality internals, because not only the casing of the valve is made of stainless steel.



Threaded connections
from G 3/8" to G 1 1/4"



Temperatures
from -60°C to +225°C



Pressures
from 0.2 bar to 30 bar



Pressure relief valves Series 618

made of gunmetal, angle-type,
with threaded connections



A proven all-round valve with proportional operating characteristics and an extremely compact design. In addition to the basic version, these valves are also available for the most varied customer requirements as a gastight version or with lifting lever. The various sealing materials available mean that this valve is suitable for a wide range of media and temperatures. As a closed, gastight version without lifting mechanism it is suitable for all media. This makes this series an economically interesting alternative for plants which do not require any approval or which do not fall under the PED. In addition, due to its relatively large setting range per spring, it is ideally suited in cases where either a stock valve for various applications and set pressures is required or if the customer is looking for an adjustable pressure relief valve.



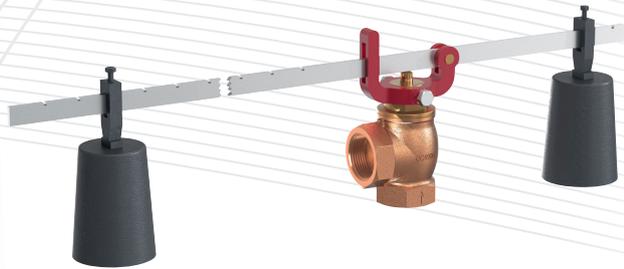
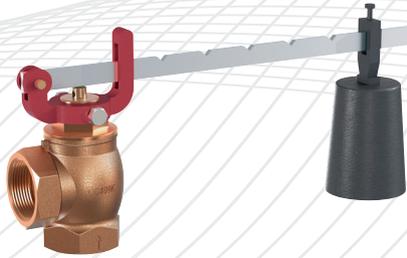
Threaded connections
from G 3/8" to G 2"



Temperatures
from -60°C to +225°C



Pressures
from 0.2 bar to 20 bar



Pressure relief valves Series 601

made of gunmetal, with lever and weight,
angle-type with threaded connections



Pressure relief valves Series 612

made of gunmetal, with double lever and
weights, angle-type with threaded connections



This angle-type pressure relief valve with lever and weight is an ideal alternative when in the case of low capacities a TÜV Type Tested safety valve is not necessary. The set pressure can very easily be adjusted by the user. Provided the valve is used correctly, then its simple and robust design guarantee a high degree of reliability.

This angle-type pressure relief valve with double lever and weights offers precise protection against overpressure in the case of low set pressures. This is a versatile alternative if the system to be protected does not fall under PED and a compact version is not necessary. The set pressure can be very easily adjusted by the user.



Threaded connections
from G 1/2" to G 2"



Temperatures
from -60°C to +225°C



Pressures
from 1.5 bar to 6 bar



Threaded connections
from G 1/2" to G 2"



Temperatures
from -60°C to +225°C



Pressures
from 0.1 bar to 4 bar