

## THE GOETZE KG ARMATUREN

Individuality for more safety

With over 75 years of experience, Goetze KG Armaturen develops high-performance valves that are used in the most demanding industrial applications worldwide. The 493 series stands for the highest quality 'Made in Germany' and sets new standards in safety, durability and flexibility.



**POWERFUL** in use,  
**FLEXIBLE** in application  
High pressure overflow valve series 493



# MAXIMUM PROTECTION FOR HIGH-PRESSURE SYSTEMS – GOETZE QUALITY YOU CAN RELY ON

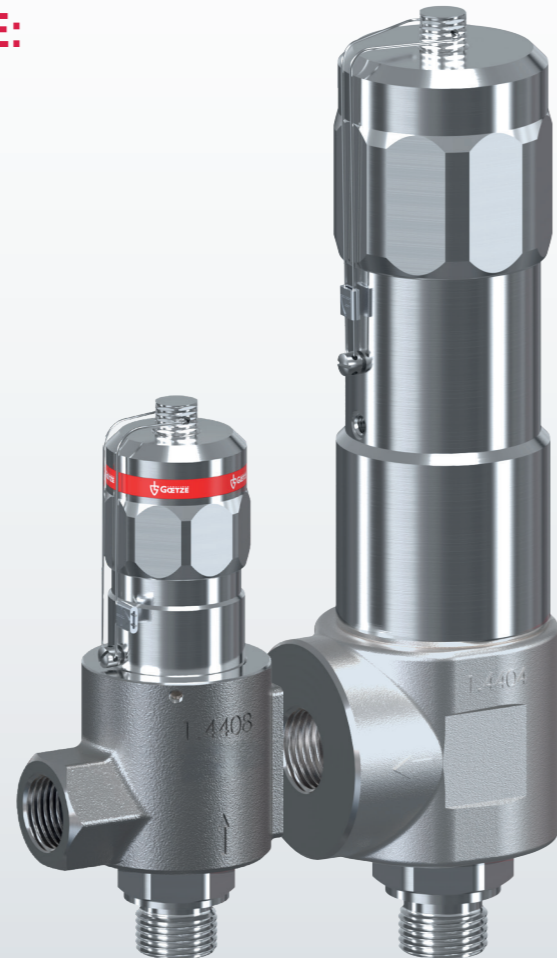
Extreme conditions demand outstanding technology. The 493 series from Goetze KG Armaturen offers **maximum safety** and **precise pressure** control at pressures of up to 1000 bar. Developed for the **most demanding applications**, it ensures efficient protection and smooth operation in high-pressure systems. With the **493 series**, you can reliably protect your systems – even under extreme conditions.

## YOUR ADVANTAGES AT A GLANCE:

- ✓ **Maximum operational reliability:**  
Back-pressure compensation design ensures stable conditions.
- ✓ **Flexible installation:**  
Rotatable angle housing facilitates assembly and reduces back pressure.
- ✓ **Robust & durable:**  
High-quality stainless steel for extreme environments and aggressive media.
- ✓ **Precise pressure control:**  
Proportional opening for controlled pressure relief.



Find out more? All the details about the 493 series on our website.



## TWO DESIGNS – THE RELEVANT SOLUTION FOR EVERY CHALLENGE

- **Design I:** Compact, light (1.4 kg), ideal for medium pressure ranges (50–500 bar) and confined installation situations.  
Nominal diameter: DN8 to DN10
- **Design III:** Robust construction (2.9 kg) with back-pressure compensation up to 500 bar – optimal for high pressure applications up to 1000 bar.  
Nominal diameter: DN10

## VERSATILE APPLICATIONS

- Pump protection at high pressure levels (e.g. in hydraulic systems and water jet cutting equipment)
- Diaphragm compressor hydraulic protection in confined spaces
- Systems in the food, pharmaceutical and chemical industries where space is limited
- Hydrogen compressors: flexible alignment of the return line for high-pressure hydrogen applications
- Gas liquefaction and CO<sub>2</sub> extraction: safe pressure control in cryogenic systems and gas processing plants
- Process plants in the chemical and petrochemical industry with complex pipework