

SAFE ON THE HIGH SEAS

From reliable pressure relief to bespoke solutions – GOETZE offers valve solutions for demanding maritime applications.

MASTERING PRESSURE WITH CONFIDENCE

Safety valves
Reliably protect pressure vessels, pipework and systems against excessive pressure – even under the most demanding operating conditions.

	Pressures from 0.2 bar to 1,500 bar
	Temperatures from -270 °C to 400 °C
	Connections from 1/4" to 4"



PROTECTING SYSTEMS RELIABLY

Overflow valves
Protect pumps and closed systems from pressure surges and contribute to a safe plant operation.

	Pressures from 0.2 bar to 1,000 bar
	Temperatures from -196 °C to 260 °C
	Connections from 3/8" to 4"



REGULATING PRESSURE PRECISELY

Pressure reducing valve
Ensure a constant outlet pressure and guarantee the safe and efficient operation of sensitive systems.

	Pressures Inlet pressures up to 16 / 25 bar Outlet pressures 0.5 bar to 15 bar
	Temperatures from -40 °C to 200 °C
	Connections from 3/8" to 5"



DEVELOPING BESPOKE SOLUTIONS

Customised solutions
When off-the-shelf products reach their limits, we at GOETZE work together with our customers to develop bespoke valve solutions – from single units and small batches up to cost-effective series production.

	Pressures from 0.2 bar to 1,500 bar		Special materials such as titanium and Hastelloy
	Temperatures from -270 °C to 400 °C		Connections from 3/8" to 5"



YOUR PARTNER FOR SAFE PRESSURE CONTROL IN THE MARITIME INDUSTRY.

From development through to approval and series production, we support projects worldwide.

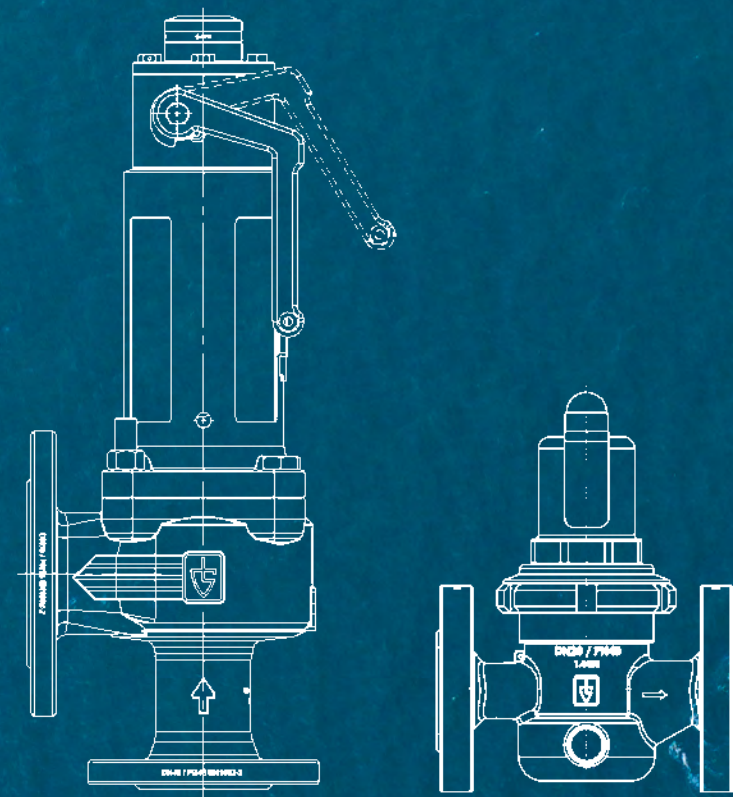
Let's talk about your application.



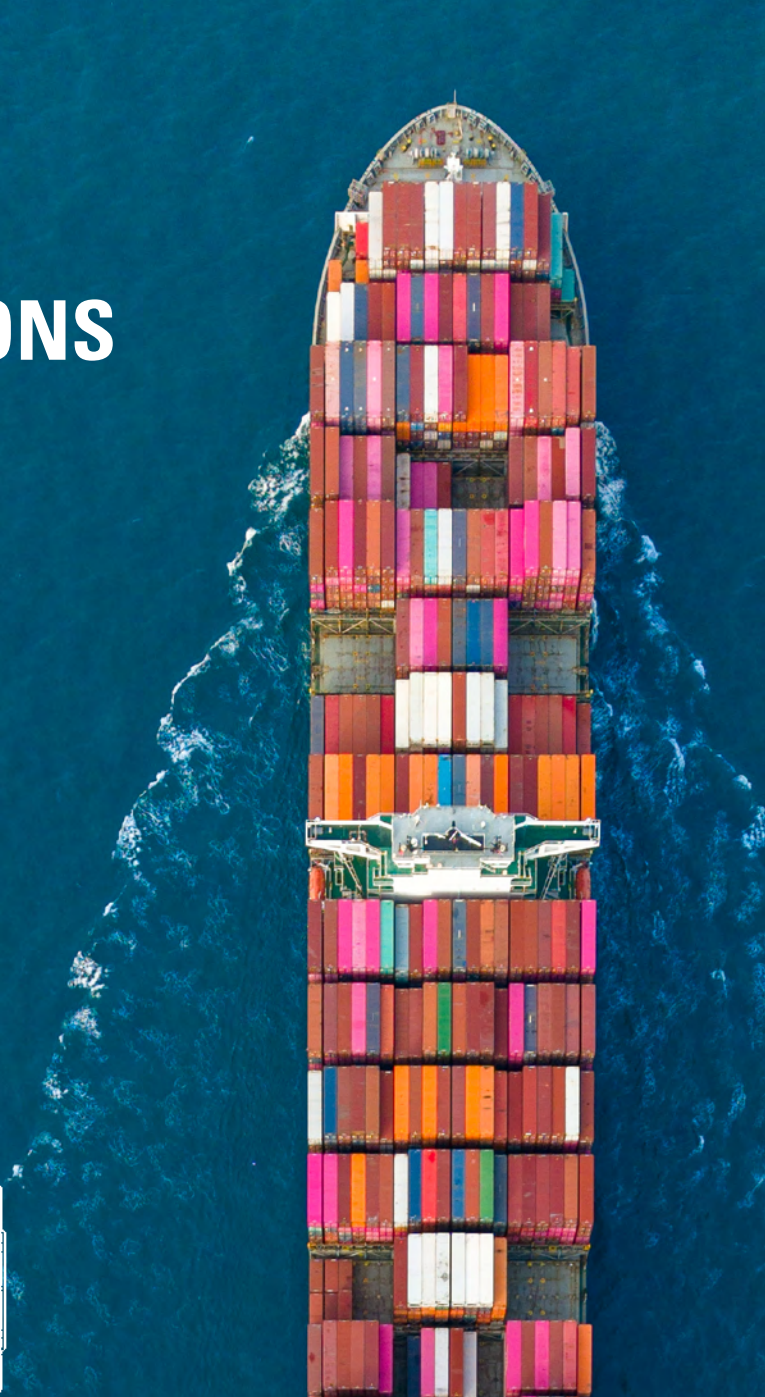
Goetze KG Armaturen
Schlieffenstraße 42
71636 Ludwigsburg, Germany

www.goetze-group.com
info@goetze.de

SAFETY VALVES AND FITTINGS FOR DEMANDING MARITIME APPLICATIONS



From **bespoke solutions** to large-scale production – valve solutions **for the most demanding requirements.**



FOR APPLICATIONS WHERE SAFETY IS NON-NEGOTIABLE.

Designed and manufactured in Germany.

Whether on merchant ships, in the navy or in complex maritime installations – wherever pressure needs to be reliably controlled, uncompromising quality, maximum operational safety and fast delivery are essential.

For over 75 years, GOETZE has been developing and manufacturing safety valves, pressure reducing valves and overflow valves **for demanding applications in the maritime sector**. Our solutions reliably protect personnel, equipment and processes – even under extreme operating conditions.

FROM BESPOKE SOLUTIONS TO COST-EFFECTIVE SERIES PRODUCTION – GOETZE DEVELOPS VALVE SOLUTIONS FOR MARITIME APPLICATIONS THAT MEET THE HIGHEST STANDARDS OF SAFETY, RELIABILITY AND QUALITY.

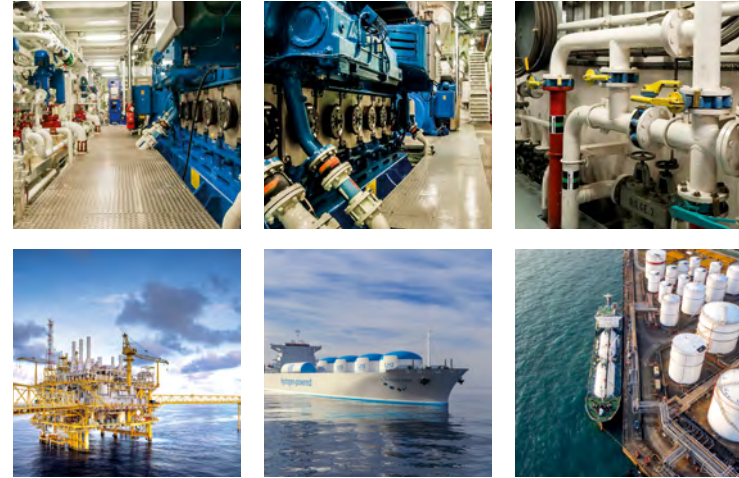
TYPICAL AREAS OF APPLICATION

On-board Systems

- Steam and water systems
- Water treatment and cooling systems
- Fuel and lubrication systems
- Refrigeration and HVAC systems

Transport of Media/Fluids

- Liquefied natural gas (LNG) and liquefied petroleum gas (LPG)
- Liquid hydrogen (LH₂) and ammonia (NH₃)
- Chemicals
- Oil



GOETZE PROTECTS KEY ON-BOARD PRESSURE SYSTEMS

From the drinking water supply to the engine room – wherever pressure needs to be safely regulated or reliably ensured.

Air conditioning

Safety valves
Prevent excess pressure in refrigerant circuits



Drinking water supply

Pressure reducing valves
For consistent, hygienic and convenient operation

Heating system

Flanged valves
With high blow-off capacity for the protection of boilers and pipework



Engine room

Safety valves
For oil and fuel systems and hydraulic systems



Starter motors

Safety valves for compressed air
Protect the main engine's start-up air system



Sprinkler systems

Pressure reducing valves
To ensure a defined and constant pressure, despite fluctuations in the inlet pressure within the system



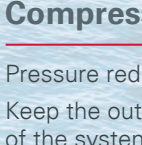
Water treatment

Overflow valves and pressure reducing valves
For technical processes used to produce and distribute process water on board



Compressors

Compressed air valves
Protect compressed air tanks and piping systems against overpressure



Compressed air supply

Pressure reducing valves for air
Keep the outlet pressure of the systems stable

TRUST THROUGH QUALITY. SAFETY THROUGH AVAILABILITY.

International approvals and listing in the IMPA Catalogue ensure global availability and confidence.

In shipbuilding, there is no room for compromise. Safety-critical components must meet the highest quality standards and comply with the requirements of **internationally recognised classification societies**.

GOETZE safety valves, overflow valves and pressure reducing valves are approved by leading classification societies and meet the requirements of demanding maritime applications. In this way, we lay the foundations for safe and reliable operation – worldwide.



QUICKLY IDENTIFIED. AVAILABLE WORLDWIDE.

GOETZE continues to support shipyards and operators long after installation. For over ten years, we have been proud to be listed in chapter 75 of the **IMPC catalogue** – the indispensable reference work for the global shipbuilding industry, often referred to as the 'Bible of Shipbuilding'.

This listing ensures that GOETZE valves are easy to identify, procure and integrate into your operational processes worldwide. Our growing range of valves and fittings is continuously being expanded to meet the evolving requirements of the maritime industry.



List of GOETZE safety valves
with 6-digit IMPA code (PDF)

Why GOETZE?

- ✓ International approvals
- ✓ Extensive expertise in materials
- ✓ Corrosion-resistant designs
- ✓ Special materials available
- ✓ Customised project solutions
- ✓ Engineering Made in Germany