

VALVES



VALVES - SERVICES - ACTUATION & CONTROLS

COMPLETE RANGE OF VALVES FOR ALL APPLICATIONS

HAAKON ELLINGSEN AS COMBINE QUALITY PRODUCTS WITH DECADES OF EXPERIENCE TO DESIGN, ENGINEER AND PROVIDE THE MOST BENEFICIAL SOLUTIONS

We supply quality valves from single units to complete valve packages, to the most demanding offshore, marine and industrial applications. We have extensive knowledge within NORSOK requirements and harsh conditions.

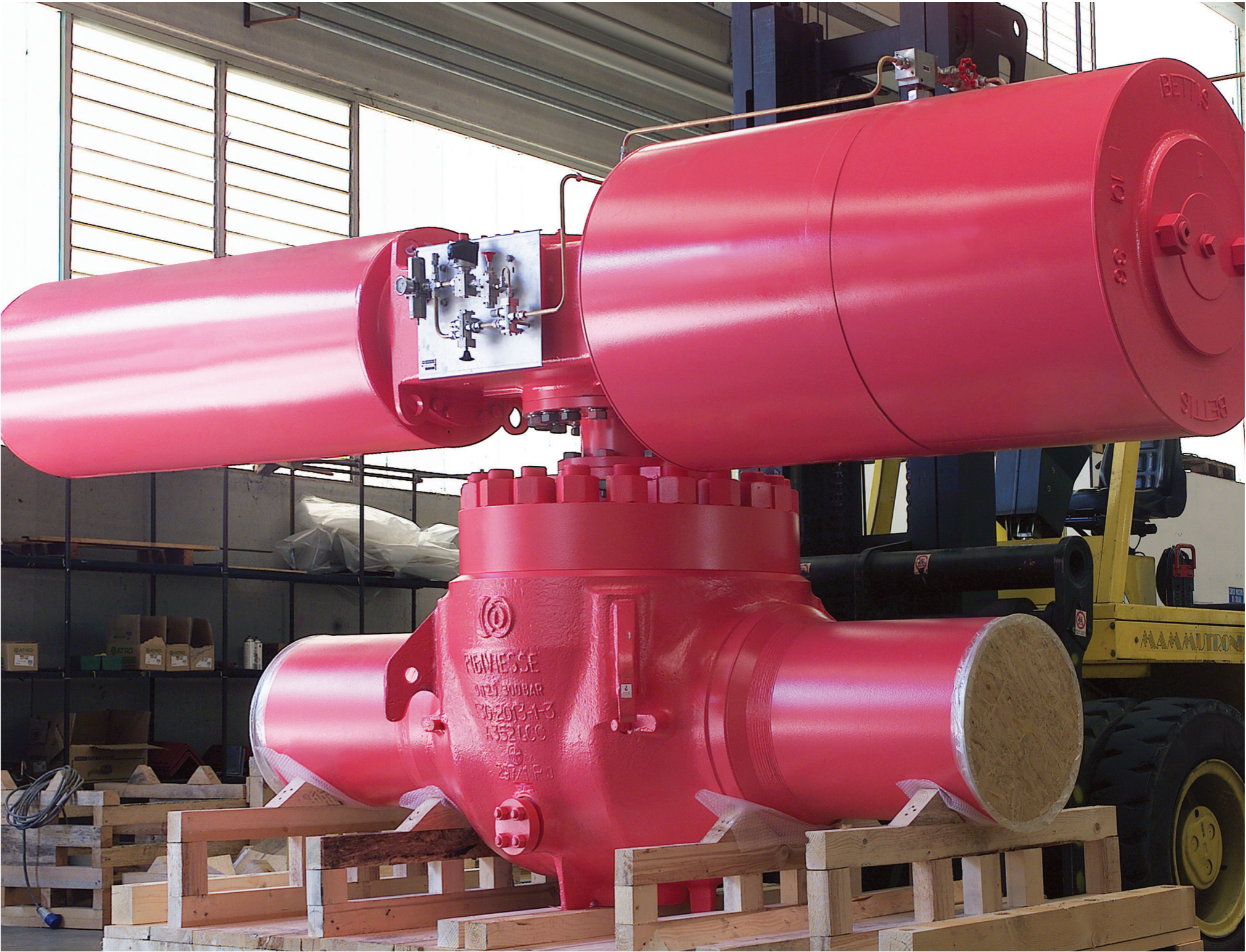
We have in-house knowledge covering valves for all type of applications. Our valve-team will advise and select the correct valves, giving valuable engineering support to our clients.

Our project team will take full responsibility for procurement, expediting, compliance with specifications, and finally documentation of the delivery.

We hold a broad range of process valves from top selected European brands, enabling us to find the right solution for our customers needs.

Long-term partnerships with direct access to manufacturers key personnel is beneficial for flexibility to meet requirements and effective deliveries.

Lead times on valves do often generate major challenges within the oil and gas industry. Haakon Ellingsen AS has established a broad platform of acknowledged manufacturers, with ability to perform quick deliveries without compromising technical requirements.



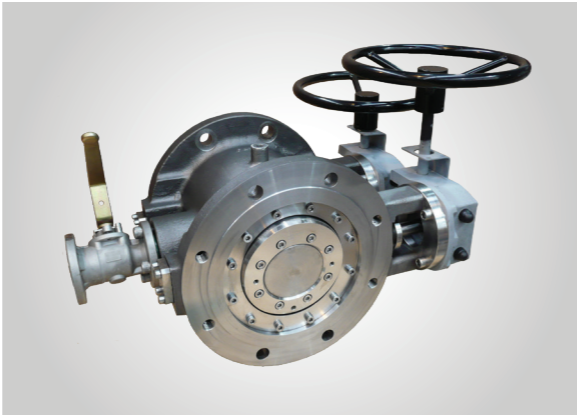
HIGH QUALITY PRODUCTS
PROVIDES THE MOST
BENEFICIAL SOLUTIONS

ON/OFF VALVES

On/off valves are designed to shutoff and to open fully, with no ability to regulate effectively through the range of travel. On/off valves have high reliability for repeatable tight shut off and quick action, and often provides a safety function in the pipeline.

We offer high quality on/off valves from acknowledged suppliers in compliance with NORSOK or equally demanding requirements.

- Ball valves**
Floating ball, trunnion mounted ball, side or top-entry. Pipeline-valve suitable for high pressure, high flow and quick action.
- Butterfly valves**
Double and triple eccentric disc configurations for tight shutoff and zero leakage. Space effective valve suitable for lower pressure.
- Plug valves**
Full bore valves with cylindric and rectangular plug design. Robust valve suitable for slurry applications and tight shutoff in both directions.
- Gate valves**
The gate design allows full flow through the valve. Not suitable for applications with need of quick action.
- Check Valves**
Valves securing closure when flow in given direction is decreasing or stopped. To be used in pipelines to prevent reverse flow.



CONTROL VALVES

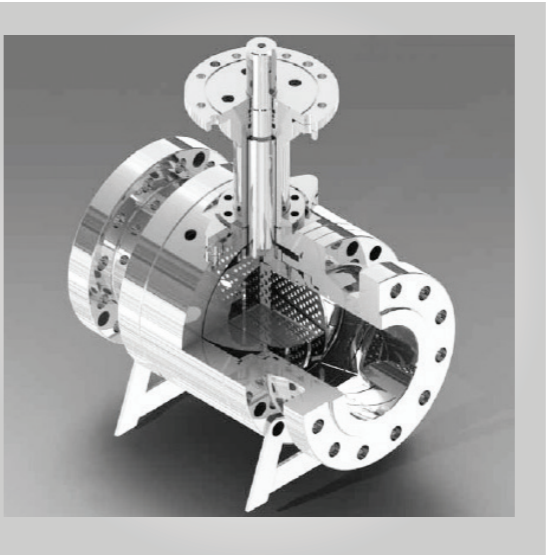
Haakon Ellingsen AS offers all types of standard control and regulating valves. In addition, we tailor make our offers according to specifications required in the North Sea area as well as customized special requirements.

Control valves are used to control and regulate flow, pressure and temperature.

- Globe valves**
The traditional control valve, used in both liquid and gas applications. Special trim design ensures that the valve can handle severe service and general regulation.
- Butterfly valves**
Are often used when high capacity and low pressure drop is required. Light weight solution.
- Ball valves**
High capacity valve that also can handle large pressure drop. Since this valve has quarter turn movement, it requires less height for actuation.
- Choke valves**
Chokes the pressure and flow from the well down to a level the installation/platform process facility can handle.



COMPLETE RESPONSIBILITY,
FROM SELECTION TO
DELIVERY OF EQUIPMENT.



PRESSURE SAFETY VALVES

Pressure safety valves are designed to automatically protect your equipment against excessive overpressure. Every care is taken in the development, design and production of these valves to ensure complete dependability in performance.

Our constant objective is to provide a superior valve that will assure ultimate protection at the lowest cost, both initially and throughout its service life.

PSV Spring operated

When pressure increases to the given set pressure , the PSV opens. The spring type requires space, and have limitations in how close to the given set pressure the valve can operate. The most conventionally used PSV, and also suitable in rough and dirty media.

PSV Pilot operated

The PSV Pilot Type, - relieves by remote command from a pilot valve which is connected to the upstream system pressure. The pilot type are in general more accurate and can operate closer up to the given set pressure. Compared to the spring operated type the pilot valve will need less space, but be more sensible to contaminated media.



SPECIALIZED VALVES

On request, Haakon Ellingsen AS will be able to offer tailor-made special valves based on customized specifications for nearly all kinds of applications, in various materials.

Rising Stem Ball valve

Non-contact, metal seated, rising stem ball valve with linear movement of the stem. High capabilities against severe services with repeatedly tight shutoff and zero leakage.

Friction-free opening and closing, increase the life-time of the valve, making it ideal for dirty service and dry clean gas.

DBB Plug valve

Non-contact, dual expanding Double Block and Bleed plug valve with friction free operation. Mechanically energized tight shutoff upstream and downstream with zero leakage.

Used in metering systems and transport pipelines services.

Buckling Pin Relief valve

Butterfly valve design with safety relief on given set pressure. Relief opening by mechanical burst of pin securing disc in closed position.

In-line maintenance and resetting of set pressure following relief.

Suitable for gas and liquid applications demanding quick relief, often used in flare systems.



FLEXIBILITY TO MEET REQUIREMENTS AND EFFECTIVE DELIVERIES



ELLINGSEN GROUP

Ellingsen Group consists of the following companies; Haakon Ellingsen AS, Ellingsen Systems AS and Ellingsen Indutech AS.

Ellingsen Group supply products for valves, actuation, instrumentation, pumps and engineered system solutions, to oil & gas, marine and land based industrial market. We combine quality products with decades of experience to design, engineer and provide the most beneficial solutions.

HAAKON ELLINGSEN AS

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OUR OVERALL VISION:
TO BE OUR CUSTOMERS
BEST CHOICE