



**BALL VALVES**

## WE ARE VON SCHEVEN – A BALL VALVE MANUFACTURER SPANNING 3 GENERATIONS.

Since 1937, we have been developing and manufacturing ball valves in Sprockhövel on the southern edge of the Ruhr area. From there, we serve customers from all sectors of industry throughout the world. Now in the third generation, reliability and trust are our guiding principles. Our materials and combinations thereof are just as multifaceted as the fluids themselves.

Our well-connected and experienced team of experts will be happy to advise you on all questions of reliable shut-off technology, on the physical properties of your special fluids and on our ideal solutions. And when it comes to standards, directives, approvals and documentation requirements, we will support you, if you wish, right from the planning phase.

Our methods are complex, but our goal is simple: delivering top quality, flexibility in planning and production and a high level of innovation to ensure your success.

Talk to us and tell us your requirements. We will develop the perfect solution together with you.



#### Approvals / certificates

DIN EN ISO 9001 | PED 2014/68/EU | AD-2000 HP0 | TA-Luft | DVGW Gas  
Firesafe in accordance with API 607/DIN EN ISO 10497  
Production facility for VdS-approved products

#### Manufacturer's declaration

ATEX 2014/34/EU  
SIL 2

Dr. Mathias Wullstein  
Managing Director

# THEORETICALLY, THE BALL IS AN IDEAL. PRACTICALLY TOO.

1

## Connection types

Thread (male, female)  
Flanges (DIN, ANSI, SAE)  
manifold mounted  
Weld ends  
or in accordance with  
customer requirements

2

## Sealing system

Soft sealing  
Metallic sealing  
Double Block & Bleed  
Spring-loaded sealing shells  
Single or Double Piston  
Primary metallic, secondary  
soft sealing

3

## O-ring materials

FKM, FFKM, NBR  
EPDM, VMQ, FEPM  
Others on request

4

## Body materials

Ductile cast iron  
Steel  
Stainless steel  
Duplex  
Others on request

5

## Designs

Anti-static  
Floating or trunnion-  
mounted ball  
Blowout-proof stem

6

## Types of actuation

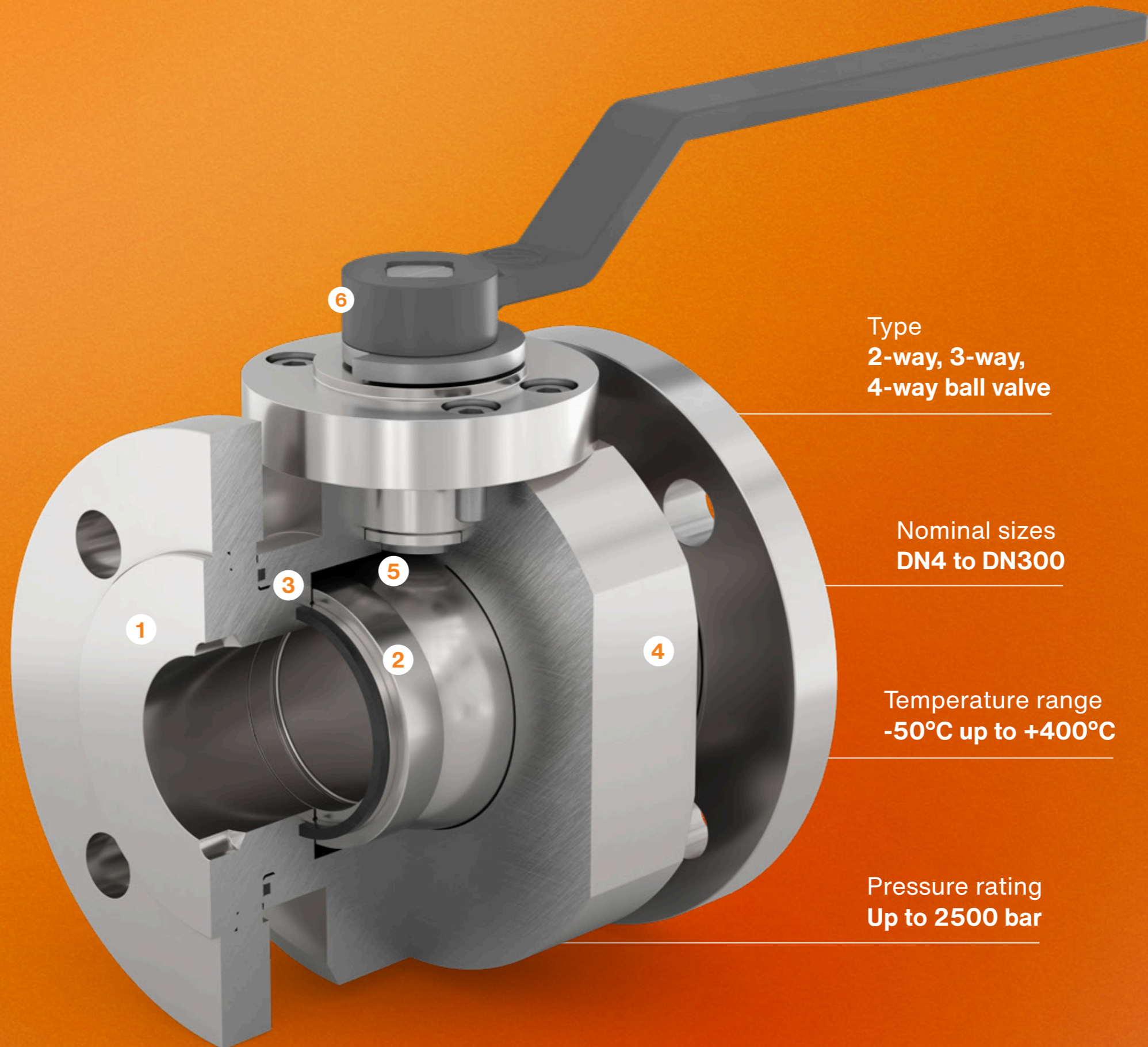
Hand levers with  
various designs  
Pneumatic, electric or  
hydraulic actuators

## Areas of application

On- & offshore  
Petrochemicals  
Shipbuilding/Shipyards  
Industry  
Oil and gas  
Hydraulics  
Pneumatics  
Plant construction

## Applications

Solid, liquid or  
gaseous media  
Abrasive media  
Oxygen  
Hydrogen  
Silicone-free  
Oil and grease-free  
FDA soft seals



Type  
**2-way, 3-way,  
4-way ball valve**

Nominal sizes  
**DN4 to DN300**

Temperature range  
**-50°C up to +400°C**

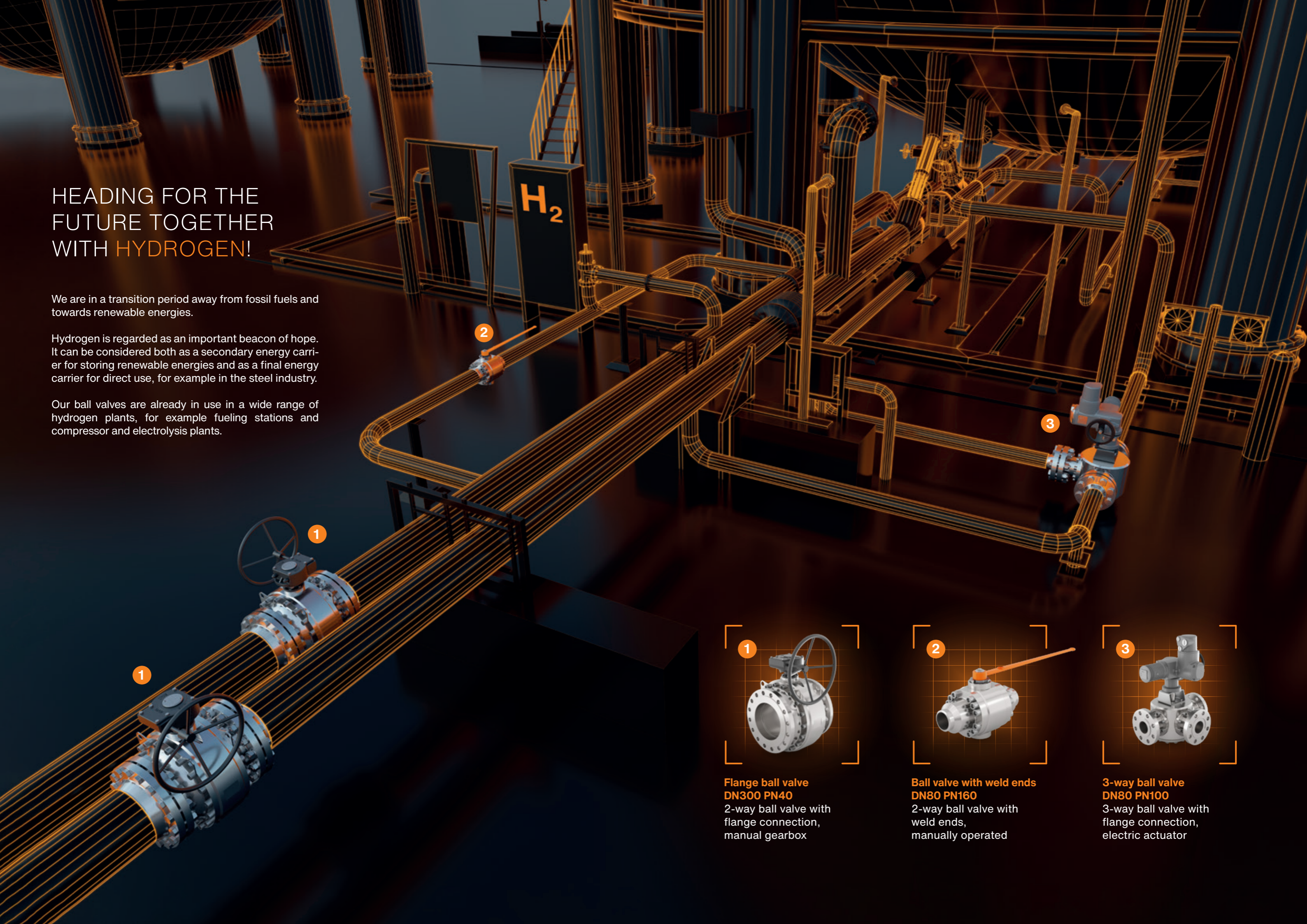
Pressure rating  
**Up to 2500 bar**

# HEADING FOR THE FUTURE TOGETHER WITH **HYDROGEN!**

We are in a transition period away from fossil fuels and towards renewable energies.

Hydrogen is regarded as an important beacon of hope. It can be considered both as a secondary energy carrier for storing renewable energies and as a final energy carrier for direct use, for example in the steel industry.

Our ball valves are already in use in a wide range of hydrogen plants, for example fueling stations and compressor and electrolysis plants.



**Flange ball valve  
DN300 PN40**  
2-way ball valve with  
flange connection,  
manual gearbox



**Ball valve with weld ends  
DN80 PN160**  
2-way ball valve with  
weld ends,  
manually operated



**3-way ball valve  
DN80 PN100**  
3-way ball valve with  
flange connection,  
electric actuator



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