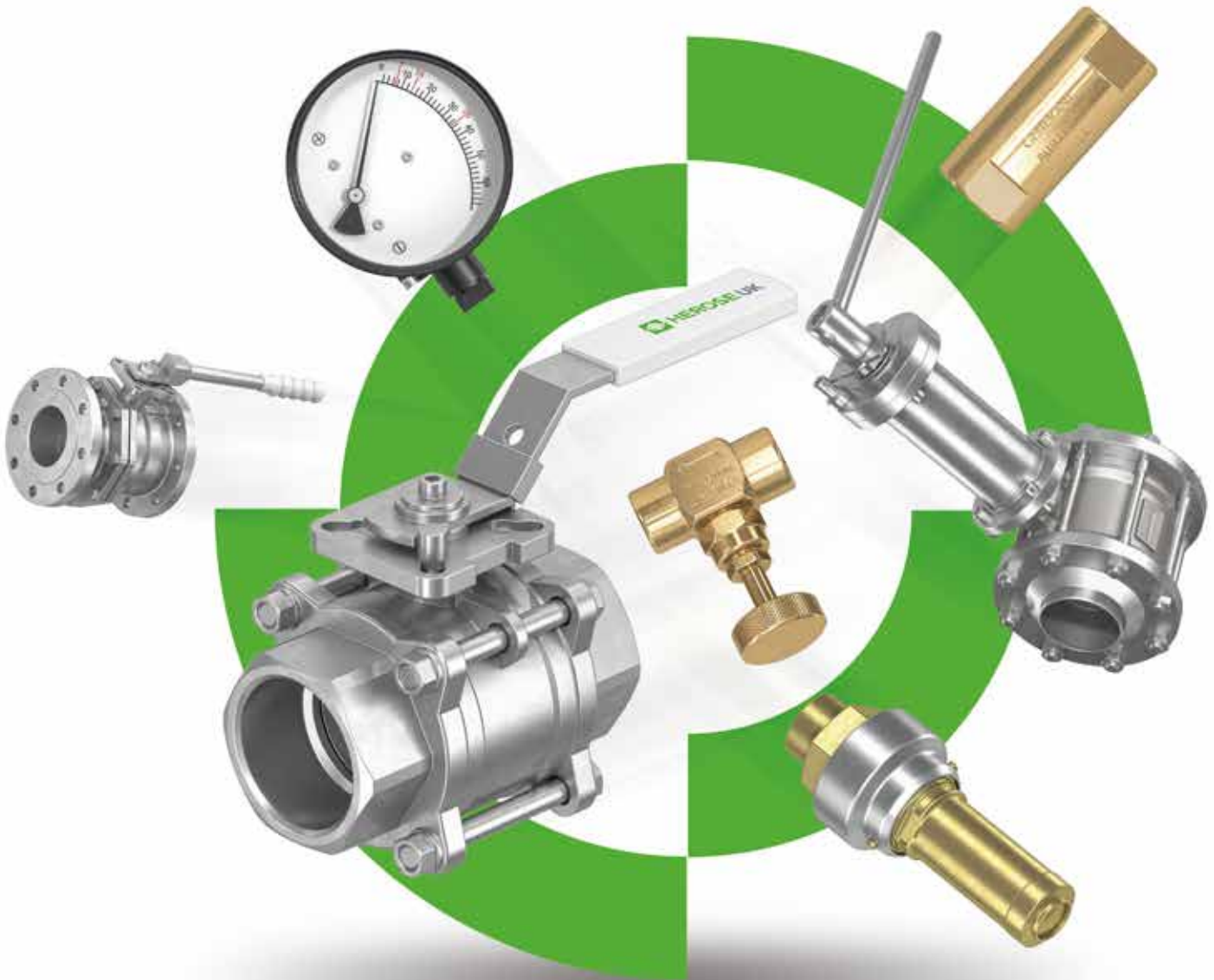


Industrial Valve, Module & Gauge Packages

Safety assured, performance guaranteed



Quarter Turn Valves

Our extensive range of ball valves is suitable for all applications including food, drink, pharmaceutical, chemical, silo trailers, sterilizers and more.



Process & Industrial Ball Valves: screwed & weld connections

A comprehensive range of low-cost - high-quality manual threaded, 3-piece, stainless steel industrial ball valves with extension and dead man handle options. Full range of threaded and weld connection valves to 68.9 bar.

- **Body Material:** stainless steel 316 / 316L
- **Seat Material:** PTFE / R-PTFE / TFM1600 / 50% ss filled ptf
- **Pressure:** 68.9 bar (1000 psig)
- **Temperature:** -28° – +300°C (-18°F – +572°F)
- **Size:** DN06 - DN150 (1/4" – 6")
- **Connections:** threaded BSPP & NPT also SW, BW SCH40



Sanitary Ball Valves: 2 & 3 piece, 3-way and tank bottom

For pharmaceutical and related industrial applications this range has no dead spaces for moisture or contamination build up. The valves comply with global standards with seals that are FDA approved.

- **Body Material:** stainless steel 316L
- **Seat Material:** PTFE cavity filled / TFM1600 cavity filled
- **Pressure:** flanged PN 16/40 bar / ANSI 150/300
- **Temperature:** -28° – +260°C (-18°F – +500°F)
- **Size:** DN15 - DN100 (1/2" – 4")
- **Connections:** tri-clamp / butt weld o.d.



Process & Industrial Ball Valves: flanged ASME/DIN/JIS

A comprehensive range of manual flanged, 2-piece, stainless steel industrial ball valves with extension and dead man handle options. Available in a comprehensive range of international flanged standards.

- **Body Material:** stainless steel 316 / 316L
- **Seat Material:** PTFE / R-PTFE / TFM1600 / 50% ss filled ptf
- **Pressure:** flanged PN 16/40 bar / ANSI 150/300
- **Temperature:** -28° – +300°C (-18°F – +572°F)
- **Size:** Flanged DN15 - DN200 (1/2" – 8")
- **Connections:** flanged PN16/40, ANSI 150/300 and JIS standards



3-Way Ball Valves: stainless & carbon steel options

A range of 3-way full bore ball valves in vertical and horizontal design with various connection types, with L & T port options. Suitable for 68.9 bar and up to 200°C use.

- **Body Material:** stainless 316L & carbon steel option
- **Seat Material:** various seat materials
- **Pressure:** to 68.9 bar (to 1,000 psig)
- **Temperature:** -20° – +200°C (-4°F – +392°F)
- **Size:** DN08 - DN100 (1/4" – 4")
- **Connections:** threaded, socket weld, butt weld, flanged



High Temperature & Steam Valves: to 100 bar

This range of ball valves with optional seal material types available making this valve package suitable for high temperature applications to 280°C and 100 bar. Available in ANSI, DIN and JIS flanged standards.

- **Body Material:** stainless steel 316L
- **Seat Material:** PTFE / 20% PEEK / RTFE / CTFE / 50% ss filled
- **Pressure:** 100 bar (1,450 psig)
- **Temperature:** -50° – 280°C (-58°F – 552°F)
- **Size:** DN06 - DN150 (1/4" – 6")
- **Connections:** flanged, threaded, socket & butt weld



Steam Jacketed Valves: threaded weld & flanged

These full bore 3-way hot water / steam jacketed ball valves for industrial and chemical applications are available as L and T port 3-way valves. The standard connections are threaded, weld and flanged.

- **Body Material:** stainless steel 316 / 316L
- **Seat Material:** PTFE / R-PTFE / TFM1600 / 50% SS filled PTFE
- **Pressure:** up to 137 bar (2,000psi)
- **Temperature:** -29° – +260°C (-20°F – +500°F)
- **Size:** DN06 - DN150 (1/4" – 6")
- **Connections:** threaded BSPP & NPT also SW, BW SCH40, flanged PN/ANSI



Clean Fluid & Semi-Conductor Valves: tri-clamp & weld

These stainless steel full bore valves are available with true bore internal flow path in both manual and actuated valve options. Connections with ISO pipe ends with polished ball and end connections to 0,4µ are standard.

- **Body Material:** stainless steel 316L hygienic
- **Seat Material:** PTFE or PTFE 20% PEEK
- **Pressure:** to 100 bar (1,450 psig)
- **Temperature:** -50° – 190°C (-58°F – 374°F)
- **Size:** DN06 (1/4" – 6")
- **Connections:** tri-clamp / butt weld o.d.



Quarter Turn Valves (Continued)

Industrial & Cryogenic Butterfly Valves

HEROSE UK offers a full range of high-performance butterfly valves designed for demanding industrial and cryogenic applications. Available in carbon steels, austenitic stainless steels, and exotic alloys such as Ni.Al.Bronze, Super Duplex, Titanium, Monel®, Hastelloy®, Zirconium and Inconel®.

Cryogenic Butterfly Valves: butt weld, lugged, wafer and double flanged

Triple offset design for cryogenic cold box and plant applications.

- **Size Range:** DN80 – DN1200
- **Temperature:** -196°C to 200°C

Industry Sectors

Liquid Oxygen Plants / LNG (Liquefied Natural Gas) Facilities / Liquefaction & Re-gasification Terminals / LNG Carriers & FLNG Vessels / Chemical & Petrochemical Industries / Aerospace / Liquid Argon & Nitrogen Storage / Air Separation Units.



Cryogenic Butterfly Valve: butt weld, lugged, wafer and double flanged.

Double Offset Butterfly Valves: lugged, wafer and double flanged

Advanced double offset design for demanding industrial applications.

- **Size Range:** DN40 – DN400
- **Temperature:** -50°C to 450°C

Industry Sectors

Oil & gas offshore platforms / FPSO / Refineries / Gas Processing Plants / Thermal Power Plants / Nuclear Power Stations / Petrochemical Plants / Seawater Applications / Paper & Pulp Mills.

Triple Offset Butterfly Valves: butt weld, lugged, wafer and double flanged

Precision-engineered for optimal sealing and performance in critical applications.

- **Size Range:** DN40 – DN2000
- **Temperature:** -50°C to 450°C

Industry Sectors

Oil & Gas Offshore Platforms / FPSO / Refineries / Pipeline Transmission / Storage Terminals / LNG Facilities / Petrochemical Plants / Seawater Applications / Ethylene Plants (Molecular Sieve) / Ballast Systems.

PTFE Lined Butterfly Valves: split body wafer

Corrosion-resistant PTFE-lined valves for aggressive and corrosive media.

- **Size Range:** DN25 – DN1200
- **Temperature:** -60°C to 200°C

Industry Sectors

Chemical Processing Plants / Food Industries / Water Treatment / Fertilizer Industries / Metal Processing / Brewing / Petrochemical Plants / Chemical Manufacturing / Pharmaceutical Industries / Acid Service (Chlorine, Benzene, Bromine etc.) / Pulp & Paper / Mining Industries.

Concentric Butterfly Valves: lugged, wafer, semi-lugged and double flanged

Bi-directional flow with bubble-tight, resilient seated shut-off at full rated pressure (20 bar).

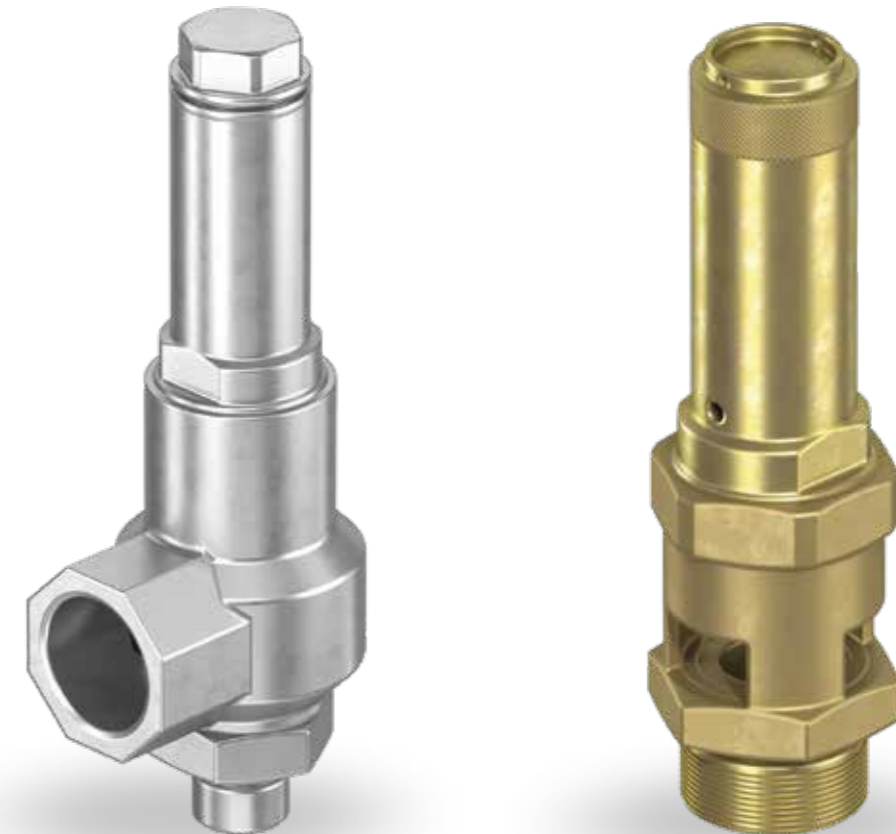
- **Size Range:** DN40 – DN400
- **Temperature:** -46°C to 200°C

Industry Sectors

Oil & Gas Offshore Platforms / FPSO / Refineries / Storage Terminal / Wastewater Treatment Plants / Desalination Facilities / Shiplside Valves / Ballast Systems / Process Water Systems / Seawater Applications.



Introducing the HEROSE UK Industrial Range of Safety Valves



Bronze & Stainless Safety Valves: threaded & flanged

Our safety valves have been specifically designed and developed to withstand the wide range of temperatures and vibration generated from air compressor and train braking systems. HEROSE UK has a valve for your application.

- **Body Material:** brass, bronze and stainless steel
- **Seat Material:** various to suit applications
- **Pressure:** from vacuum to 550 bar
- **Temperature:** -270°C – +225°C (-454°F – +437°F)
- **Size:** DN06 - DN50 (1/4" – 2")
- **Connections:** threaded with flanged options available



Instrumentation

Differential Pressure Gauges

A complete range of differential pressure and float level gauges. From the standard through to the next generation, there will be a gauge for your application, that not only beats competitors on quality, but also on delivery, price, performance and service.



Applications

Within the pharmaceutical, food, chemical, health, semiconductor and other industries the range of differential pressure gauges are working on hundreds of applications globally. The major industrial applications include:

- Filtration monitoring
- Air handling units
- HVAC monitoring
- Tank level management

The Range

The standard diaphragm gauges have a $\pm 2\%$ full scale accuracy are used in applications where no migration of the media from high to low pressure side of equipment is permitted. Options include 1 & 2 switches and additional remote outputs.

- 200DPG - to 70 bar
- 300DGC - to 4 bar
- 600DGC - to 1250mm H₂O

Valves & Fittings

We deliver a full range of regulators, relief, non-return, needle and isolation valves for a wide variety of industries to our customer base worldwide. We also have many customer specific valves designed for user applications.

The instrumentation package is also supported by supplying valves for energy, medical and chemical processing solutions.

Instrumentation

Valves & Regulators

Explore our comprehensive package of manual, actuated and emergency shut-off ball and butterfly valves.



Brass & Stainless Steel Forged Needle Valves

Series FNV and series FNV ML stainless needle valves feature a forged body, integral bonnet design with PTFE and metallic wafer stem packing. This provides long-life, leak-tight service from vacuum to the maximum operating pressure.



Regulators

A brass pressure regulators that provide high flow and quick, positive shut off at the desired set pressure. The regulator design is a non-balanced, spring reference, pressure reducing type regulator designed for use on many applications.



Brass, Stainless Steel and Aluminium In-Line Vent Relief Valves

A compact, highly accurate, direct acting, factory pre-set pressure relief valve. Available as a vent to atmosphere or as an inline configuration. Factory preset to desired crack pressure and/or flow specifications vacuum to the maximum operating pressure.



High Pressure Check Valves

These high pressure, one-piece body brass and stainless steel valve with zero leakage is suitable to a MAWP of 10,000psi. The unique design features a fully retained encapsulated O-ring seal with metal-to-metal backup for prolonged service life.



Industrial Valves

From chemical & pharmaceutical applications to air, steam & paint, HEROSE UK has a valve package to suit your demanding applications.



High Pressure & Bellow Sealed Stainless Steel Safety Valves

A range of metal seated safety valves for high pressure to 1,200 bar and a bellow sealed range for ultra-clean and other critical applications.



Industrial Open Discharge Safety Valves

A range of open discharge and closed bonnet bronze and stainless valves with sealing options for high pressure and multi-purpose equipment designed to give long operating life in vibrating applications.



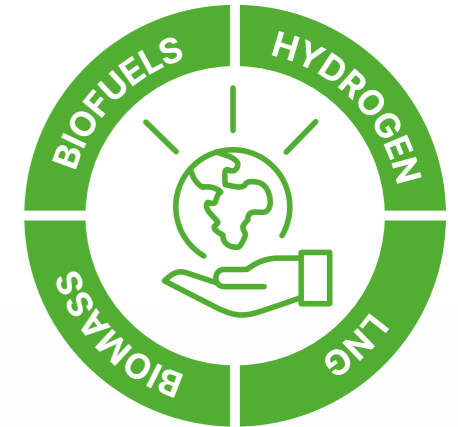
Strainers, Stop and Check Valves

A full range of bronze and stainless globe, strainer and check valves that includes bellow sealed and vacuum jacketed options for cold, warm and critical applications.

Clean Power

Reliability and safety at every level

Wherever your vision takes you, we have the products for every step of the way, including: liquid hydrogen, gaseous hydrogen, LNG, biomass, carbon capture & storage, super capacitor and electrolyser.



Modules

Bulk High Pressure Modules

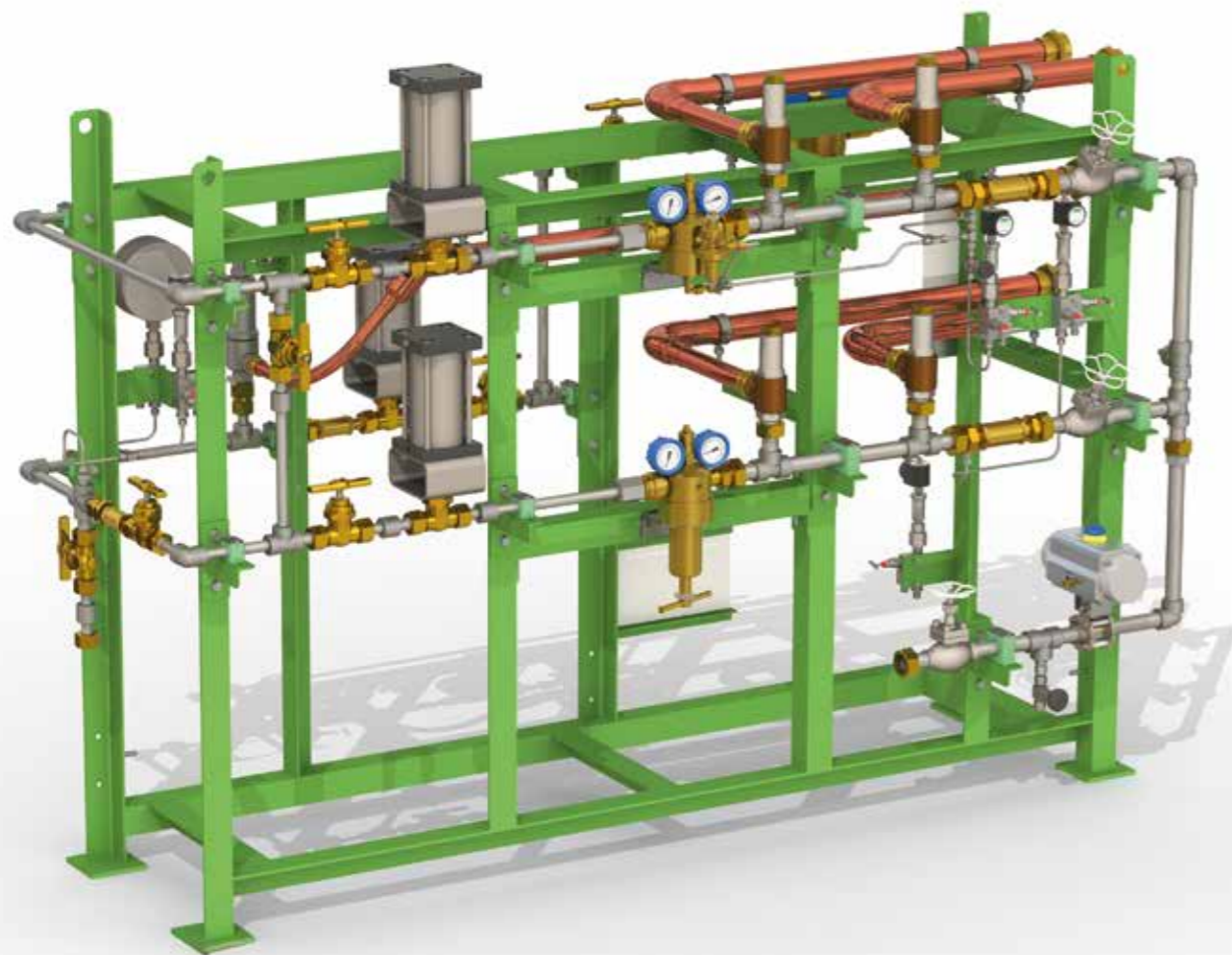
HEROSE UK designs, engineers and supplies a complete range of regulating, temperature control, hydrogen and other modular packages giving a standard for your plant applications globally.



When the pressure's on, safety and performance are paramount. You've got to be sure that the products and solutions you need, not only get the job done, but also out-think the challenges that are yet to happen.

Our team of product experts and engineering consultants constantly strive to improve your experience. Working closely with you, we'll get into the fine detail of your project, uncovering new ways to enhance your technical requirements and advance your performance. You'll get specialist insight on our extensive range of valve and modular technology and enjoy the confidence of streamlined processing and swift delivery, on time every time.

Technology is always moving forward, so you've got to keep pace with the change. You need a genuine partner who will handle your business conscientiously, is always ahead of the game and sees no limitations to the possibilities that will drive innovation and take your business to the next level.



Driving innovation in industrial gas applications

If safety and performance are your top priority, you'll need product experts and engineering consultants who provide state-of-the-art valve technology and advanced engineering solutions that drive innovation in global industrial gas applications.



Clean Power



Modules



**Cryogenic
Quarter-Turn Valves**



**Cryogenic & Gas
Delivery Valves**



**Liquid Cylinder
+ Micro-Bulk**



Insulation



Industrial Valves



Gauges



Generant Valves

To place your order or to find out more, contact us on: