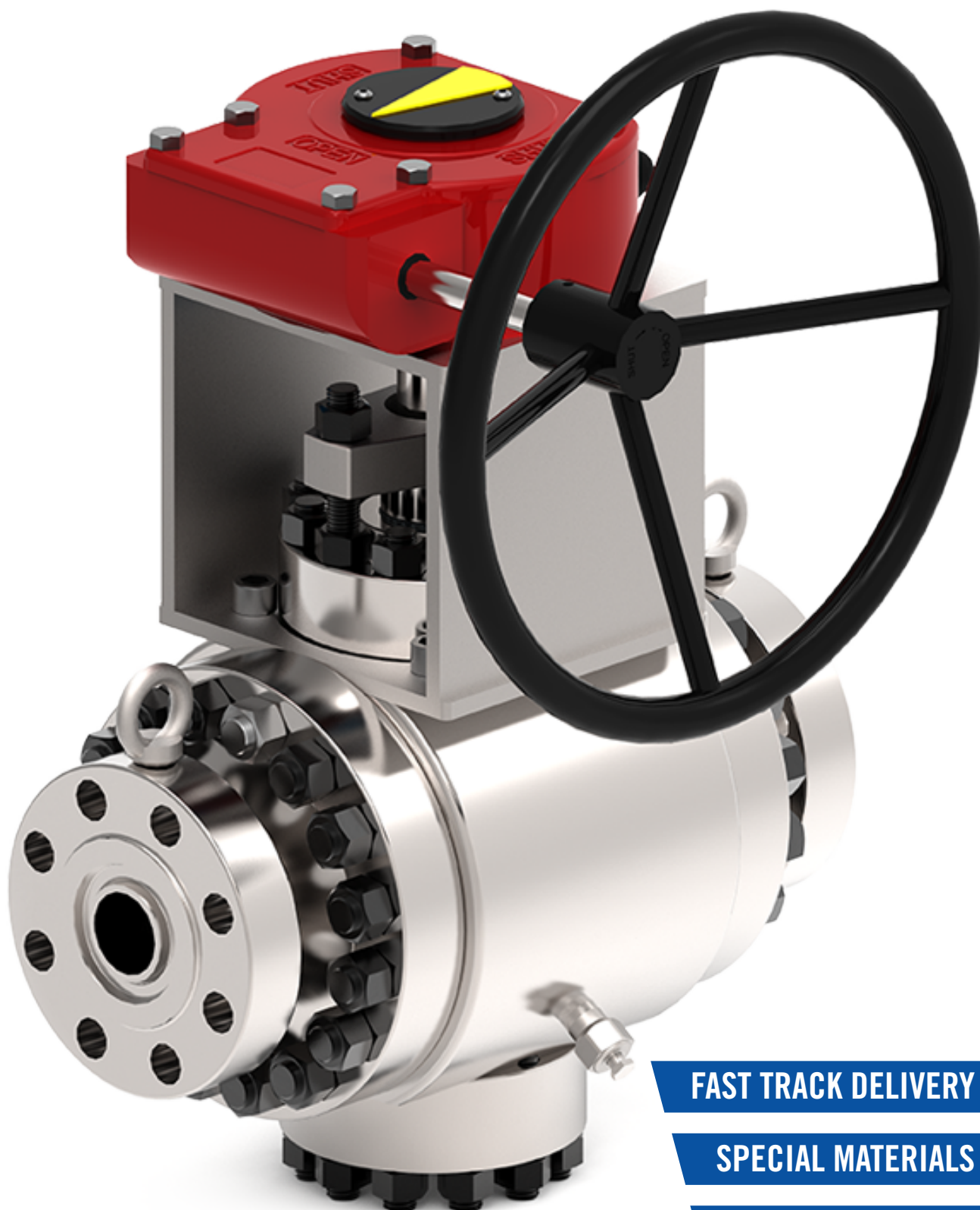


TAILOR-MADE VALVE SOLUTIONS



UPSTREAM | MIDSTREAM | DOWNSTREAM | PETRO- CHEMICAL VALVE APPLICATIONS



FAST TRACK DELIVERY

SPECIAL MATERIALS

SPECIAL DESIGN

YOUR PERFECT BUSINESS PARTNER

Red Point is a world leader in tailor-made valves with more than 30 years of experience in fast track delivery, utilizing specialized materials and unique designs.

With engineering, production, assembling, and testing under one roof, we manufacture valves you urgently need within very limited time frame.

Our valves are produced from special materials such as super-duplex, titanium, and nickel alloys suitable for extraordinary applications, and special valves in standard materials like stainless or carbon steel. Red Point strives to be flexible at all times to serve our customers, especially when an emergency strikes.

All of us at Red Point look forward to being your reliable partner in valves.



RED POINT STEPS IN WHEN URGENT ASSISTANCE IS NEEDED

Have you ever been in a situation:

- where a valve could not be sourced from stock
- where your standard supplier was not able to deliver the valve you urgently needed
- where you were not able to start up or finish the project

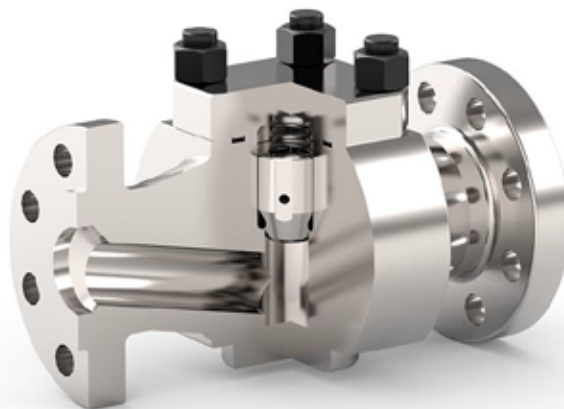
**WOULDN'T YOU LIKE TO START UP YOUR PROJECT OR PLANT WITHOUT RISKING
COSTLY DOWN TIME OR PENALTIES?
THAT IS WHERE WE STEP IN. WE CAN HELP. HOW?
SIMPLY BY SUPPLYING THE VALVE YOU NEED IN TIME.**



DESIGN & ENGINEERING

Your request starts off in the very capable hands of our engineers. They have a solution for every valve problem. Our engineers create a design tailored to your specific needs and use an engineering analysis program (FMAP) and solid modeling 3D software to design the valves. Last but not least, our engineers work with computerized fluid design software to calculate strength, flow, temperature, and pressure influences.

Our valves are designed to suit extraordinary applications for all kind of industries.



PRODUCTION & TESTING

When designs are approved by the customer, the production process starts. Our highly qualified staff works with high speed machines to produce your valves according to your exact specifications. A primary focus for Red Point is to continuously invest in state-of-the-art machinery equipped with the latest technology.

After the production process is complete, each and every valve is tested in-house. Our valves have to endure a hydro-test on body and seat, followed by a low pressure air-test. Additional tests on valves and materials such as fugitive emission, high pressure gas, PMI, or NDE tests can also be arranged by Red Point.

“A PRIMARY FOCUS FOR RED POINT IS TO CONTINUOUSLY INVEST IN STATE-OF-THE-ART MACHINERY EQUIPPED WITH THE LATEST TECHNOLOGY.”



NICKEL ALLOY 904L INCOLOY® 62
 COLOY® 800 ALLOY 59 MONEL® 400
 RCONIUM® 702 347H INCOLOY® 825
 LOY® C276 321H NICKEL ALLOY 904
 SMO ALLOY 20 INCOLOY® 800 ALLOY
 GR2 ZIRCONIUM® 702 HASTELLOY® C
 FERRALIUM® TITANIUM GR3 254 SMO A
 INCOLOY® 600 HASTELLOY® B3 TITANI
 (ER) DUPLEX FERRALIUM® TITANIUM GR3
 (PER) DUPLEX FERRALIUM® TITANIUM GR3

SPECIAL MATERIALS

In addition to stainless and carbon steel, we manufacture valves in special materials such as titanium, nickel alloys, HASTELLOY®, INCOLOY®, MONEL®, Alloy 20, super-duplex, corrosion resistant alloys, and urea grade materials. We have a variety of materials and alloys in forged to shape geometry in stock. These valve body forgings have integral flanges, are available in different material grades, and are independent from minimum order quantities.

RED POINT CAN MANUFACTURE YOUR SPECIFIC VALVE WITHIN DAYS, NOT WEEKS.

*HASTELLOY® is a Haynes' US registered trademark

MARKETS

Because of the international specifications, the broad knowledge of material sourcing, and technical ability to manufacture special valves, Red Point is a highly appreciated supplier to a large variety of industries. Our international network of customers and local trading houses also enables Red Point to serve the end-users anywhere in the world.

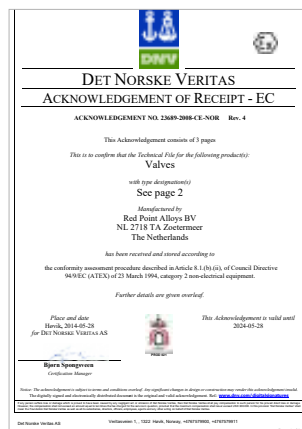
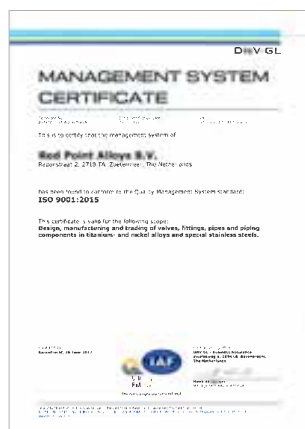


QUALITY & CERTIFICATIONS

THROUGHOUT THE YEARS, RED POINT HAS OBTAINED A WIDE RANGE OF QUALIFICATIONS, CERTIFICATIONS, AND CUSTOMER APPROVALS.

Our valves are designed and manufactured in accordance with the latest industrial standards with our proven designs. Our valve data books and design validation records are well documented. Quality is our philosophy. All of our employees are well educated, trained, and committed to providing products of the highest quality, without compromise. This is endorsed by the following certifications of our quality management system:

- NEN-EN-ISO 9001: 2015
- PED directive 2014/68/EU annex III module H
- API spec Q1 and API-6D License
- API-6A License
- CRN Registration OC05690.2
- Achilles JQS Qualification
- AD 2000 Merkblatt W0/A4 and TRD100
- OHSAS 18001: 2007
- TR CU 032
- TR CU 010
- Shell TAMAP approved
- ATEX 94/9/EC cat 2



EXPORT & SHIPPING

Red Point valves are shipped worldwide to our customers. Due to the strategic location of Red Point (within half an hour of Amsterdam, Rotterdam The Hague Airport, and Rotterdam Seaport) transportation can easily be arranged by our experienced export and shipping personnel.

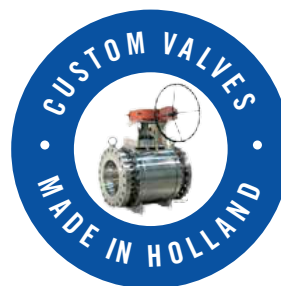


-  Red Point Head Office, The Netherlands
-  Red Point Shanghai Office
-  Valves Supplied Worldwide

At Red Point, we do not have a standard production range. We are not limited by a certain range of material. We simply provide what our customers need.

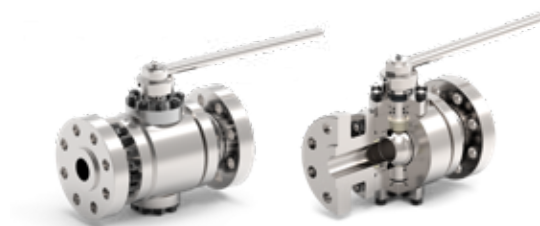
PRODUCT RANGE

Our production range includes Ball, Globe, Gate, Check, Double Block & Bleed, and Cryogenic valves based on each customer's specifications. We therefore can only show a portion of our total range. If you are looking for a specific valve type not shown in this brochure, please do not hesitate to contact our sales department (info@trilliumflow.com). All Red Point valves are designed and built based on international codes and standards.



BALL VALVES

Type	Floating or Trunnion Mounted
Seats	Soft or Metal
Body style	One piece body (top, side or end entry), split body (two or three piece)
Sizes	Range from 0.25" up to 16" / DN 6 to DN 400
Pressure ratings	Up to class 4.500 / 10.000 PSI / PN 400
End connections	Flanged, BW, SW, THR, HUB, PE
Options	Extended stem, various coatings on ball & seats, various seat materials, single or double piston design
Operator	Lever, Gear, Bare Stem, Actuator



GATE VALVES

Type	Flexible or Solid Wedge
Bonnet	Bolted, Welded, Bellow Sealed
Sizes	Range from 0.25" up to 16" / DN 6 to DN 400
Pressure ratings	Up to class 4.500 / 10.000 PSI / PN 400
End connections	Flanged, BW, SW, THR, HUB
Options	Through Conduit, Extended Bonnet, Pressure Seal Bonnet
Operator	Handwheel, Actuator, Bare Stem



GLOBE VALVES

Type	Plug, Needle, Swivel, Regulating Disc
Bonnet	Bolted, Welded, Bellow Sealed
Body style	Straight, Angle, Y-type
Sizes	Range from 0.25" up to 16" / DN 6 to DN 400
Pressure ratings	Up to class 4.500 / 10.000 PSI / PN 400
End connections	Flanged, BW, SW, THR, HUB
Options	Extended Bonnet, SDNR, Pressure Seal Bonnet
Operator	Handwheel, Actuator, Bare Stem



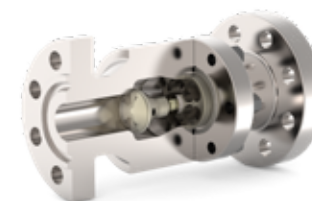
CHECK VALVES

Type	Piston, Swing, Ball, Dual Plate
Sizes	Range from 0.25" up to 16" / DN 6 to DN 400
Pressure ratings	Up to class 4.500 / 10.000 PSI / PN 400
End connections	Flanged, Wafer Type, BW, SW, THR, HUB
Options	Spring Loaded



NOZZLE CHECK VALVES

Type	Inline, Non-Slam
Body styles	One piece
Sizes	Range from 2" up to 6" / DN 50 to DN 150
Pressure ratings	Up to class 2.500 / 6.000 PSI / PN 400
End connections	HUB, Flanged, BW



DOUBLE BLOCK & BLEED VALVES

Type	Floating or Trunnion Mounted
Seats	Soft or Metal
Body style	One piece body (side or end entry), split body (two or three piece)
Sizes	Range from 0.25" up to 16" / DN 6 to DN 400
Pressure ratings	Up to class 4.500 / 10.000 PSI / PN 400
End connections	Flanged, BW, SW, THR, HUB, PE
Options	Extended stem, various coatings on ball & seats, various seat materials, single or double piston design
Operator	Lever, Gear, Bare Stem, Actuator



FERTILIZER VALVES

Type	Plug
Bonnet	Bolted, Welded, Extended
Body style	Angle, Y-type, Straight
Sizes	Range from 0.25" up to 6" / DN6 to DN 150
Pressure ratings	Up to class 2.500 / PN 420
End connections	Flanged, BW, SW, THR, HUB
Options	Extended Bonnet
Operator	Handwheel, Actuator, Bare Stem



CRYOGENIC VALVES

Type	Ball, Gate, Globe, & Check valves
Sizes	Range from 0.5" up to 6" / DN 15 to DN 150
Pressure ratings	Up to class 2500 / PN 400
Temperature	-196°C up to 300°C, tested in accordance with Shell specification 77/300
Operator	Lever, Gear, Handwheel, Gearbox



TAILOR-MADE VALVES

Type	Valves designed, calculated, produced, and tested according to customers requirements
Sizes	Range from 0.25" up to 16" / DN 6 to DN 400
Pressure ratings	Up to class 4500 / 10.000 PSI / PN 400
End connections	Flanged, BW, SW, THR, HUB, PE
Options	Extended stem, various coatings on ball & seats, various seat materials, various trims, single or double piston design
Operator	Lever, Gear, Bare Stem, Actuator



A SELECTION OF OUR LOYAL CUSTOMERS





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