



EXONDER®
A World of High Quality Products

Vinco
VALVES

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COMPANY

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INDUSTRIAL

METAL SEATED

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COMPANY



VINCO VÁLVULAS

We are Vinco, valve manufacturers with over 30 years of experience in the market.

The focus on technological development and the strengthen of its know-how has allowed to expand to new markets being recognized for our ability to develop solutions to fulfill the market demands. As a consequence we have developed in the past years a range of products for **oil & gas, hydrogen, sanitary, chemical and cryogenic industries.**

We have a dedicated team ready to respond to your most demanding requests, knowing that the key word here is the quality of all our products and services. We are responsible for the design, development, assembly and testing under the highest quality standards of all our products.

We are in V.N Famalicão, Portugal and we have a 4.200m² modern facilities.



VINCO TEAM

- EXCELLENCE
- COMPETENCE
- DEDICATION
- PROFESSIONALISM

Continuous improvement culture and
Customer-Orientation.

VINCO IN NUMBERS

OUR GOALS



+50

EMPLOYEES

+90%

EXPORT

+55

COUNTRIES

+30

YEARS OF ACTIVITY

50%

INDUSTRIAL VALVES

30%

SANITARY VALVES

+40

CERTIFICATES

+100

REFERENCES

+30 000

No OF VALVES/YEAR

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FACILITIES

GENERAL CONSTRUCTION



- CNC turning machine up to Ø800;
- CNC machining centers up to Ø1000mm (new machine);
- Lapping machine;
- Polishing;
- Electropolishing;
- Painting cabinet;
- Welding facilities.

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QUALITY CONTROL TESTS

RESEARCH, DEVELOPMENT AND ENGINEERING

NDE

- LPI – Liquid Penetrant Inspection;
- MPI – Magnetic Particle Inspection;
- UST – Ultrasound Test;
- X – Ray (External);
- PMI – Positive Material Identification.

OTHERS TESTS

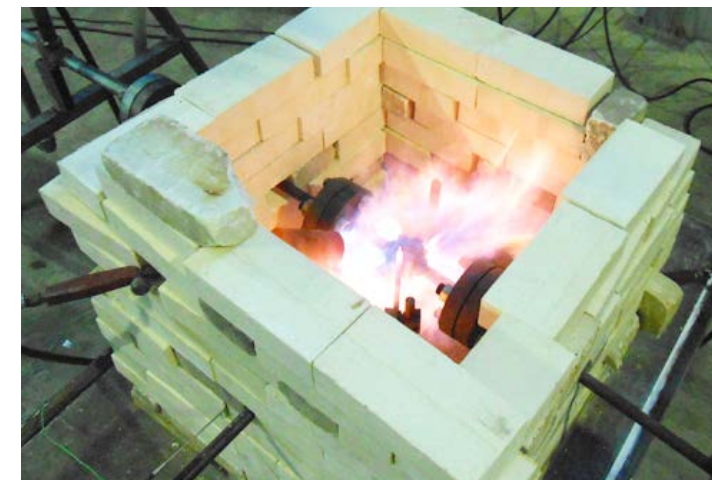
- Ra Measurements;
- Boroscope Inspection;
- Anti-corrosive and Impact Tests.

TESTING

- Hydrostatic and Pneumatic Test;
- Helium Leak Test;
- Cryogenic Test;
- High Pressure Gas Test.

TYPE TEST

- Fire Safe Test;
- Fugitive Emissions Test;
- Cryogenic Test.





DESIGN & DEVELOPMENT

RESEARCH, DEVELOPMENT AND ENGINEERING

RESEARCH AND DEVELOPMENT

- Conception of new products;
- Engineering calculation;
- Design of parts and assembly.

ENGINEERING

- Valve torque figures;
- Finite Element Analysis;
- Flow analysis simulations.

CERTIFICATIONS

COMPANY & PRODUCT



ISO 9001



PED/CE



Firesafe Design
ISO 10497:2010
API 607 6 Edition



ATEX Design



TA Luft
Fugitive Emissions
ISO 15848



SIL
IEC 61508

COMPANY CERTIFICATIONS

PRODUCT CERTIFICATIONS

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WHERE WE ARE

COUNTRIES



PORTUGAL // SPAIN // UNITED KINGDOM // IRELAND // POLAND // SLOVAKIA // SERBIA // CANADA // INDIA // UKRAINE // FRANCE //
GERMANY // NETHERLANDS // BELGIUM // ROMANIA // AUSTRALIA // HUNGARY // LUXEMBOURG // USA // TURKEY //
THAILAND // DENMARK // SWEDEN // NORWAY // GREECE // SOUTH KOREA // VIETNAM

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REFERENCES

REFERENCE COMPANIES

vinco
VALVES

DIAGEO



AGFA 

Alcatel-Lucent 

Baxter

>Bran+Luebbe®

 Schering-Plough



 epicenergy

dusup

أرامكو السعودية
saudi aramco 



janssen 

galp 

Qualiphar

SAMSUNG
BIOLOGICS

 SOLVAY



 MEDI-LINE

 **PETROBRAS**



 **REPSOL**

 SANOFI

Valmet 

Hovione 

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APPLICATION

MARKETS



INDUSTRIAL



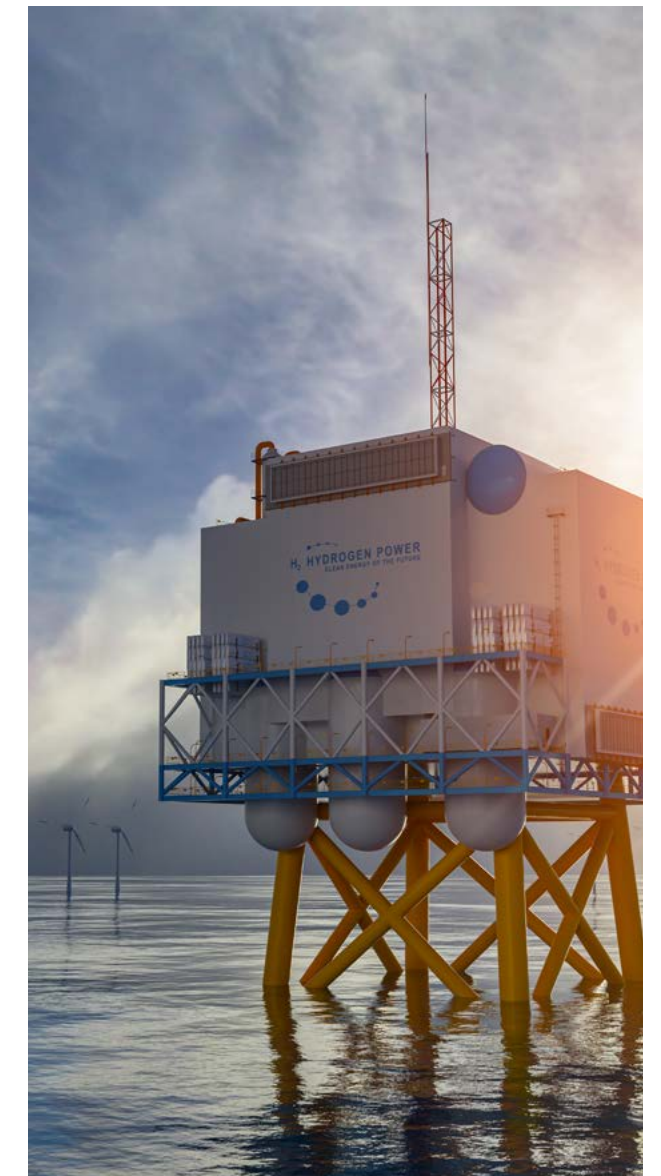
METAL SEATED



CRYOGENIC



SANITARY

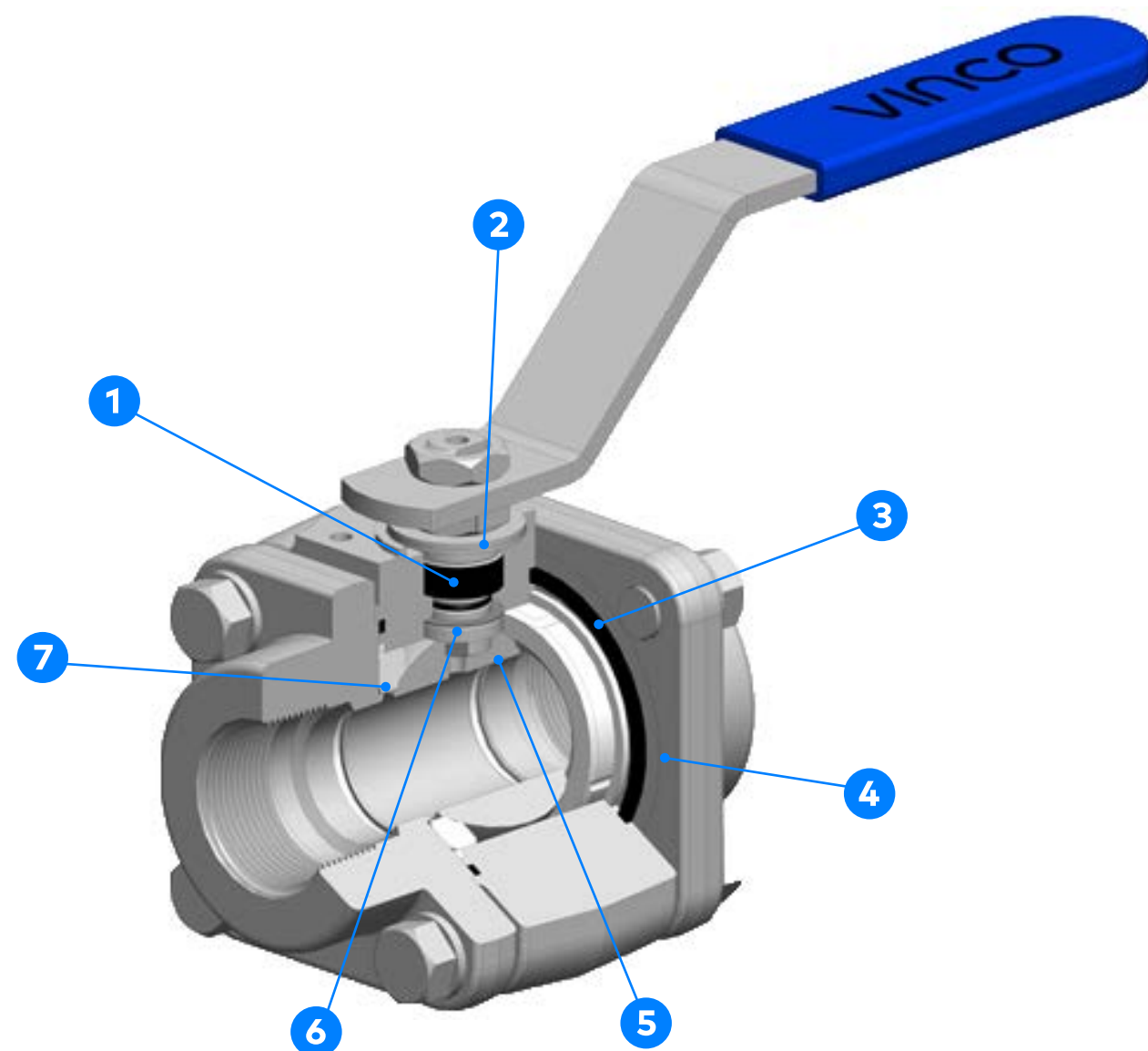


HYDROGEN

INDUSTRIAL

INDUSTRIAL

GENERAL CONSTRUCTION



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- ① Anti-blowout stem;
- ② Self-adjust live loaded packing system ensures longer service without maintenance and spare parts replacement;
- ③ Body cavity pressure relief when the valve is in the closed position;
- ④ Encapsulated graphite body seals for extra resistance;
- ⑤ Ball relief hole to equalize pressures inside the body when the valve is in the open position;
- ⑥ Electrical conductivity is ensured between body, ends, stem and ball acc. ATEX 2014/34/EU;
- ⑦ Metal backup seat for sealing in the event of a fire.



INDUSTRY



FUGITIVE
EMISSIONS



ATEX



FIRE SAFE



FLOATING



TRUNNION



CERTIFICATION

INDUSTRIAL

GENERAL CONSTRUCTION

CONSTRUCTION STANDARDS:

API 6D/ ISO 14313 | ASME B16.34

API 608 | ISO 17292 | MSS-SP-25

BODY MATERIALS:

A105N-LF2 / A350 LF2 / A216 WCB

A182 F316-F316L / A479 316-316L

A351 CF3M / A351 CF8M

A479 S31803 / A479 S32760

Others on request

CONNECTIONS:

• Threaded Ends

BSP/BSPP – ISO 228-1

BSPT – ISO 7-1 / EN 10226-1|2

NPT – ASME B1.20.1

• Butt weld Ends

BW (Sch.10 to XXS)

ASME B36.10M and B16.25

• Nipple Ends

BW (Sch.10 to XXS)

ASME B36.10M and B16.25

SW – ASME B16.11

• Socket weld Ends

SW – ASME B16.11

• Flanged RF & RTJ

ASME B16.5 and ASME B16.10

INDUSTRIAL

PRODUCTS - FLOATING

vinco
VALVES



SF SERIES

3-Piece Bolted – Floating
Type

Fire Safe – Anti-static

Bar stock / Forged

CL800/600/300

DN 1/2" ÷ 1 1/2"



HF SERIES

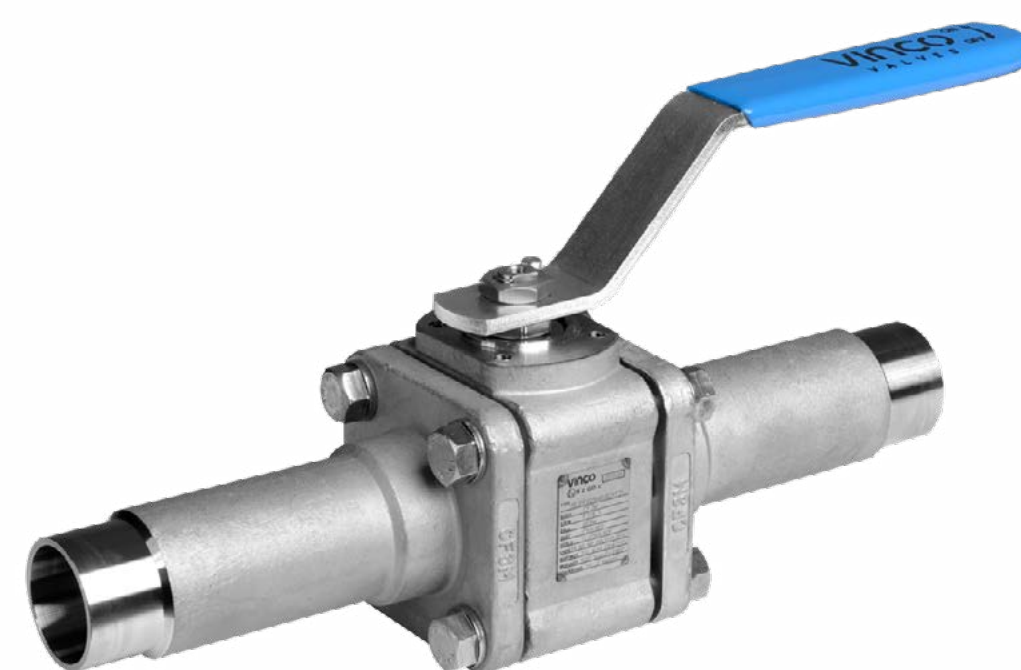
3-Piece Bolted – Floating
Type

Fire Safe – Anti-static

Bar stock / Forged

CL2500/1500/900

DN 1/2" ÷ 1 1/2"



XF SERIES

3-Piece Bolted – Floating
Type

Fire Safe – Anti-static

Cast

CL600/400/300

DN 3/8" ÷ 4"

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INDUSTRIAL

PRODUCTS - FLOATING

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VALVES

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CF SERIES

2-Split Body – Floating Type
Fire Safe – Anti-static
Cast
CL150/300 - PN16/40
DN 1/2" ÷ 8"



BF SERIES

2-Split Body – Floating Type
Fire Safe – Anti-static
Bar stock / Forged
CL150/300/600 - PN16/40/100
DN 1/2" ÷ 6"



QF SERIES

4/5- Piece Bolted – Multiport Type
Fire Safe – Anti-static
Cast
CL150/300/600 - PN16/40/100
DN 1/2" ÷ 2"

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INDUSTRIAL

PRODUCTS - TRUNNION

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VALVES

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VTR SERIES

3 Piece Bolted – Trunnion
Type
Fire Safe – Anti-static
Forged
CL150 to 2500
DN 1/2" ÷ 12"



CTR SERIES

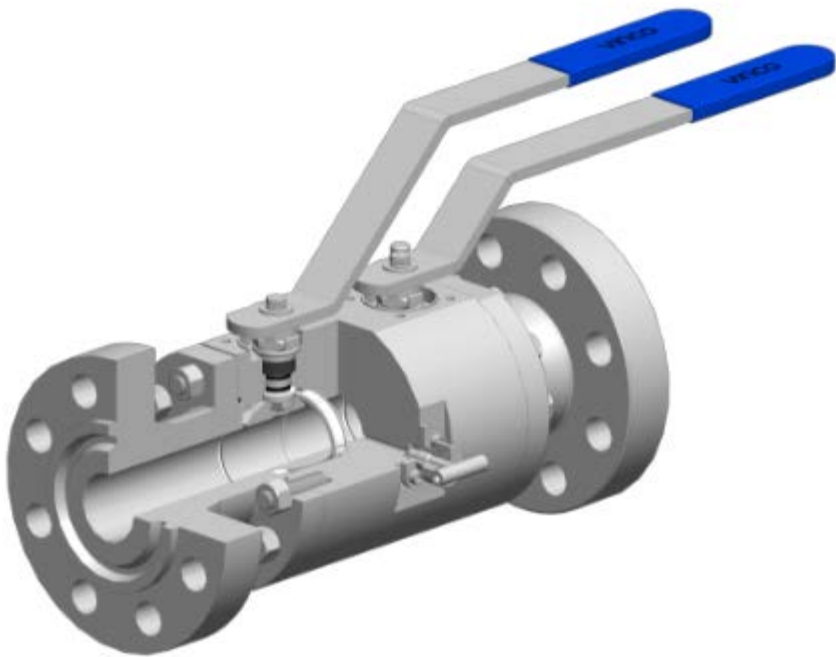
2 Split Body – Trunnion
Type
Fire Safe – Anti-static
Cast
CL150 to 300
DN 6" ÷ 12"

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INDUSTRIAL

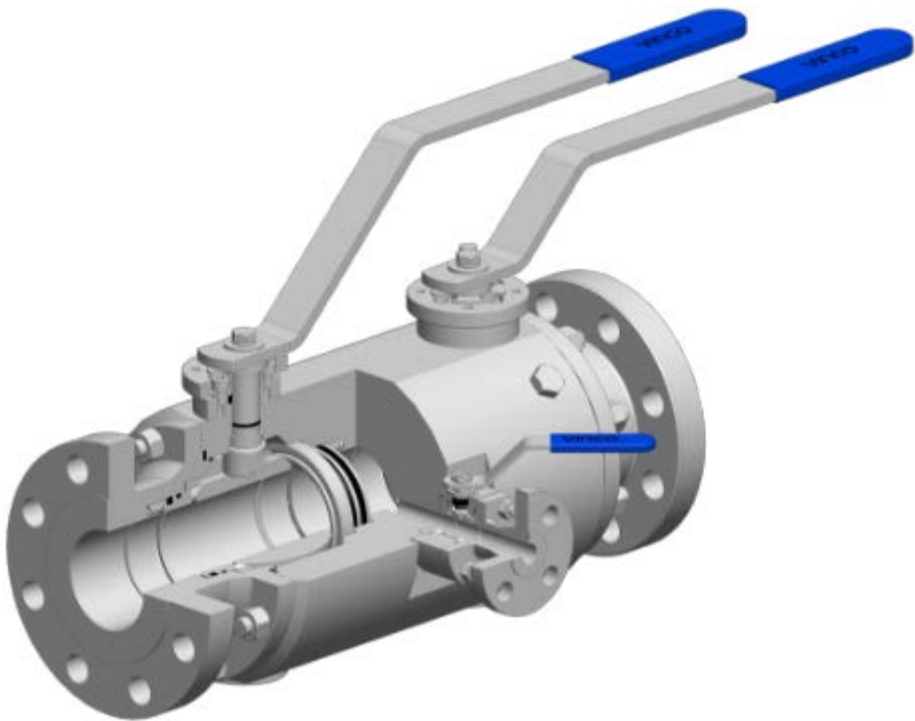
PRODUCTS - DOUBLE BLOCK AND BLEED

- Twin Ball valve;
- Isolation, monitoring and sampling processes;
- Sampling valve available with needle or ball valve.



FLOATING

Ball Type



TRUNNION

Mounted



INDUSTRY



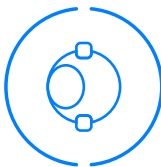
HIGH PRESSURE



FIRE SAFE



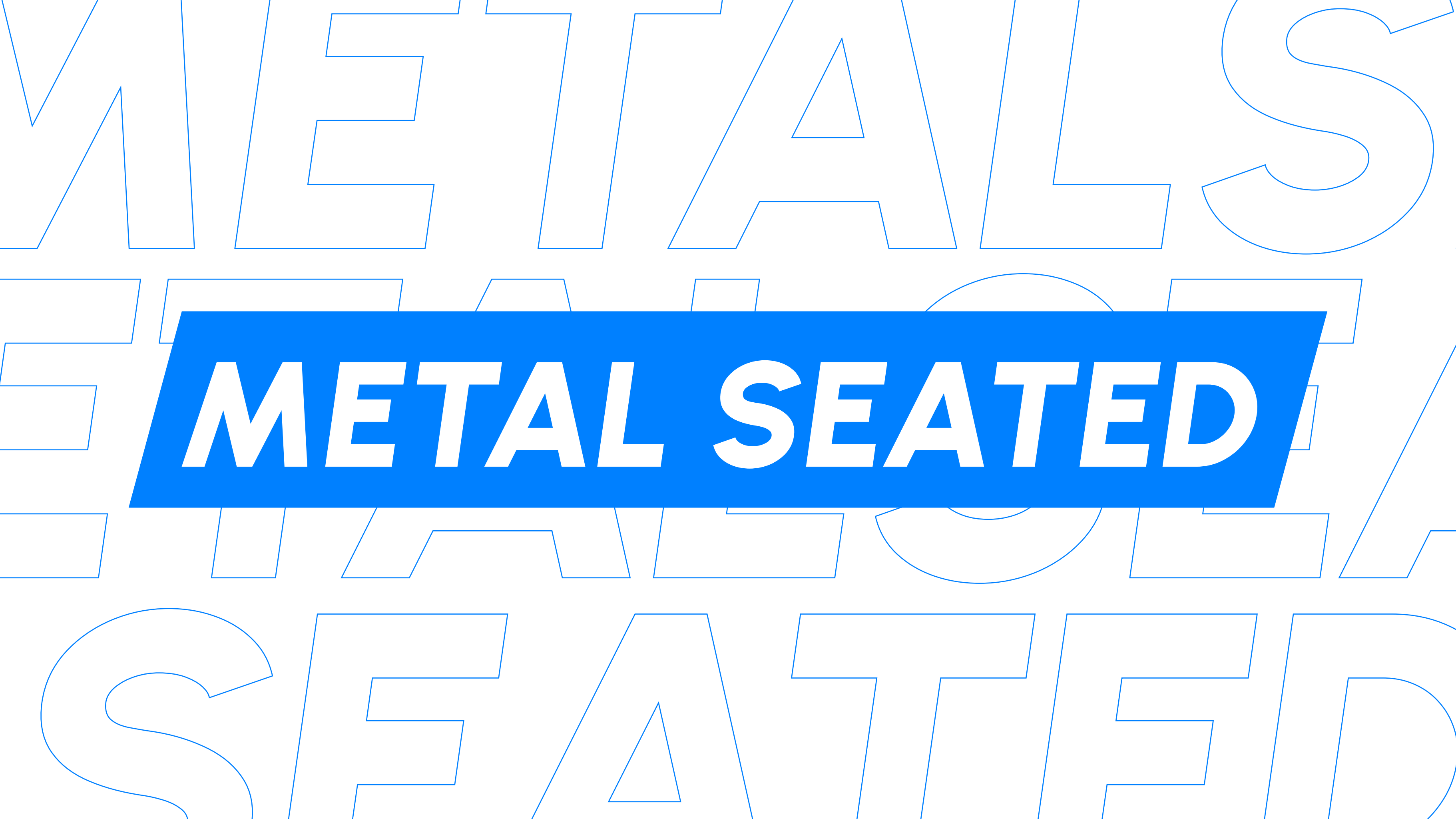
FLOATING



TRUNNION



CERTIFICATION



METAL SEATED

METAL SEATED

PRODUCTS

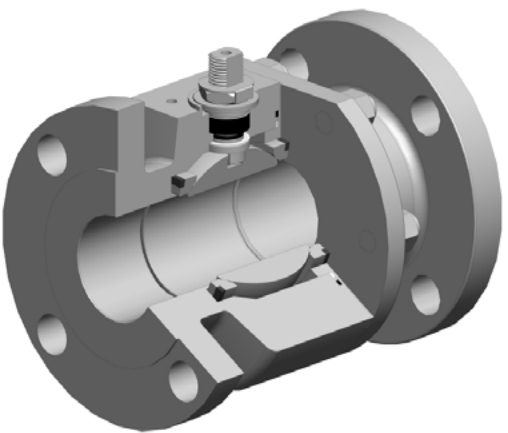
Abrasive media (up to 250°C)

Tungsten Carbide Coating

High temperature (up to 450°C)

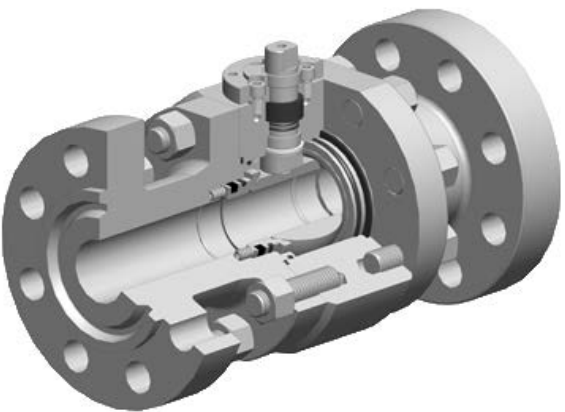
Chromium Carbide Coating

Applied in the contact surfaces of the ball and seats, with a minimum specified thickness of 200 µm, increases the hardness (up to 70 HRC) and the resistance to wearing conditions (abrasion, friction, others). This technology combined with lapping process improves the sealing effect and the operation lifetime expectancy without maintenance under severe working conditions.



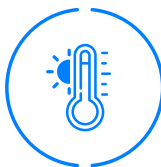
FLOATING

Ball Type



TRUNNION

Mounted



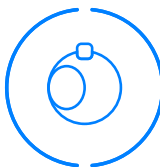
METAL SEATED



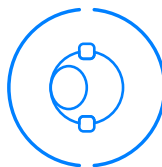
HIGH PRESSURE



FIRE SAFE



FLOATING



TRUNNION



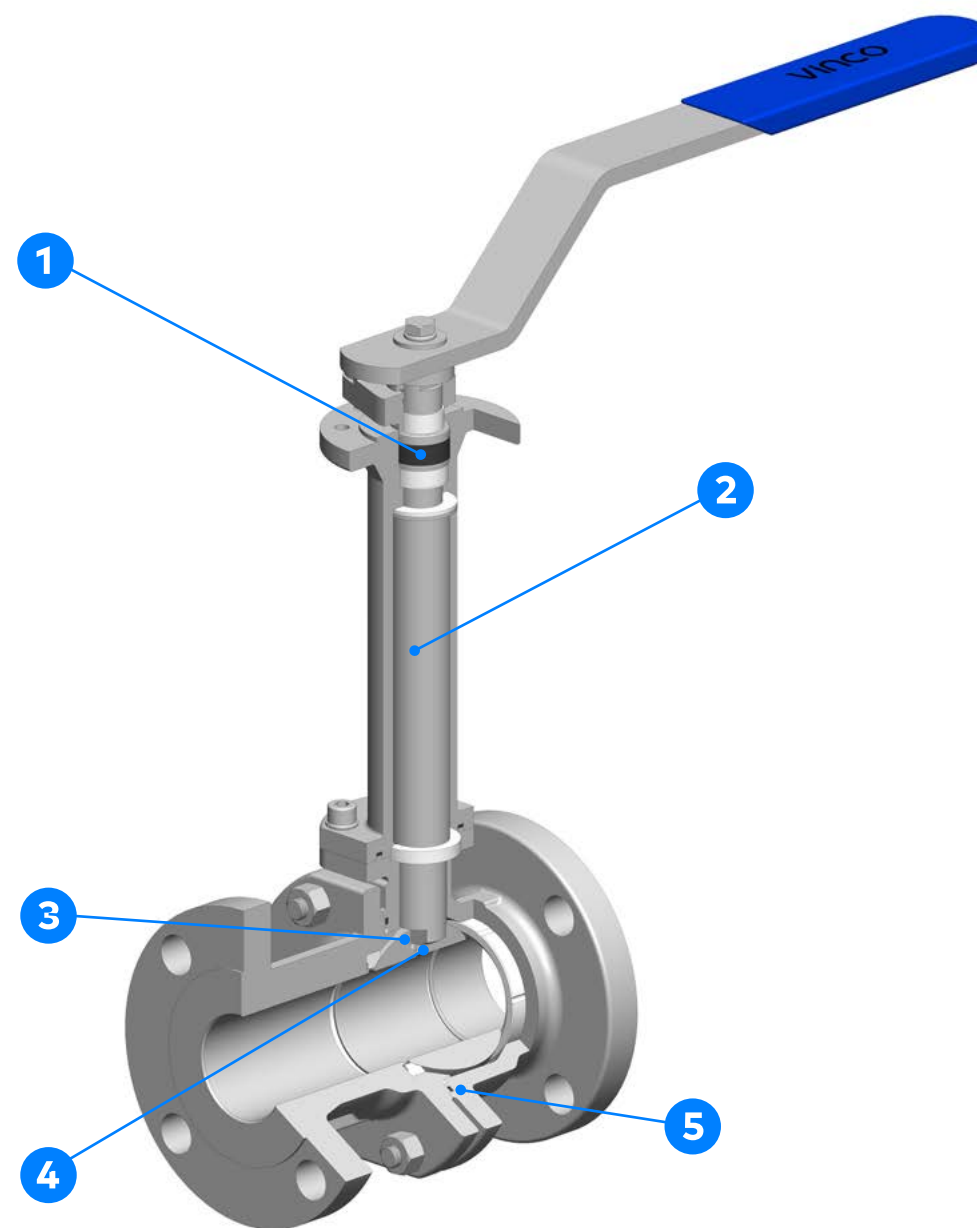
CERTIFICATION

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CRYOGENIC

CRYOGENIC RANGE

GENERAL CONSTRUCTION



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- ① Self-adjust live loaded packing system ensures longer service without maintenance and spare parts replacement;
- ② Room for thermal expansion;
- ③ Electrical conductivity is ensured between body, ends, stem and ball acc. ATEX 2014/34/EU;
- ④ Ball relief hole to equalize pressures inside the body when the valve is in the open position;
- ⑤ Encapsulated graphite body seals for extra resistance.



CRYOGENIC



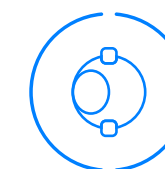
FIRE SAFE



ATEX



FLOATING



TRUNNION



CERTIFICATION

CRYOGENIC RANGE

GENERAL CONSTRUCTION

CONSTRUCTION STANDARDS:

API 6D/ISO 14313 | ASME B16.34

API 608 | ISO 17292 | MSS-SP-25

BODY MATERIALS:

A182 F316-F316L / A479 316-316L

A351 CF3M / A351 CF8M

A350 LF3

Others on request

CONNECTIONS:

- Buttweld Ends

BW (Sch.10 to XXS)

ASME B36.10M and B16.25

- Nipple Ends

BW (Sch.10 to XXS)

ASME B36.10M and B16.25

SW – ASME B16.11

- Socketweld Ends

SW – ASME B16.11

- Flanged RF & RTJ

ASME B16.5 and ASME B16.10

CRYOGENIC RANGE

GENERAL CONSTRUCTION

vinco
VALVES

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CXF SERIES

3-Piece Bolted
Floating Type
Anti-static
Cast
CL600/800
DN $\frac{3}{8}$ " ÷ 4"



CCF SERIES

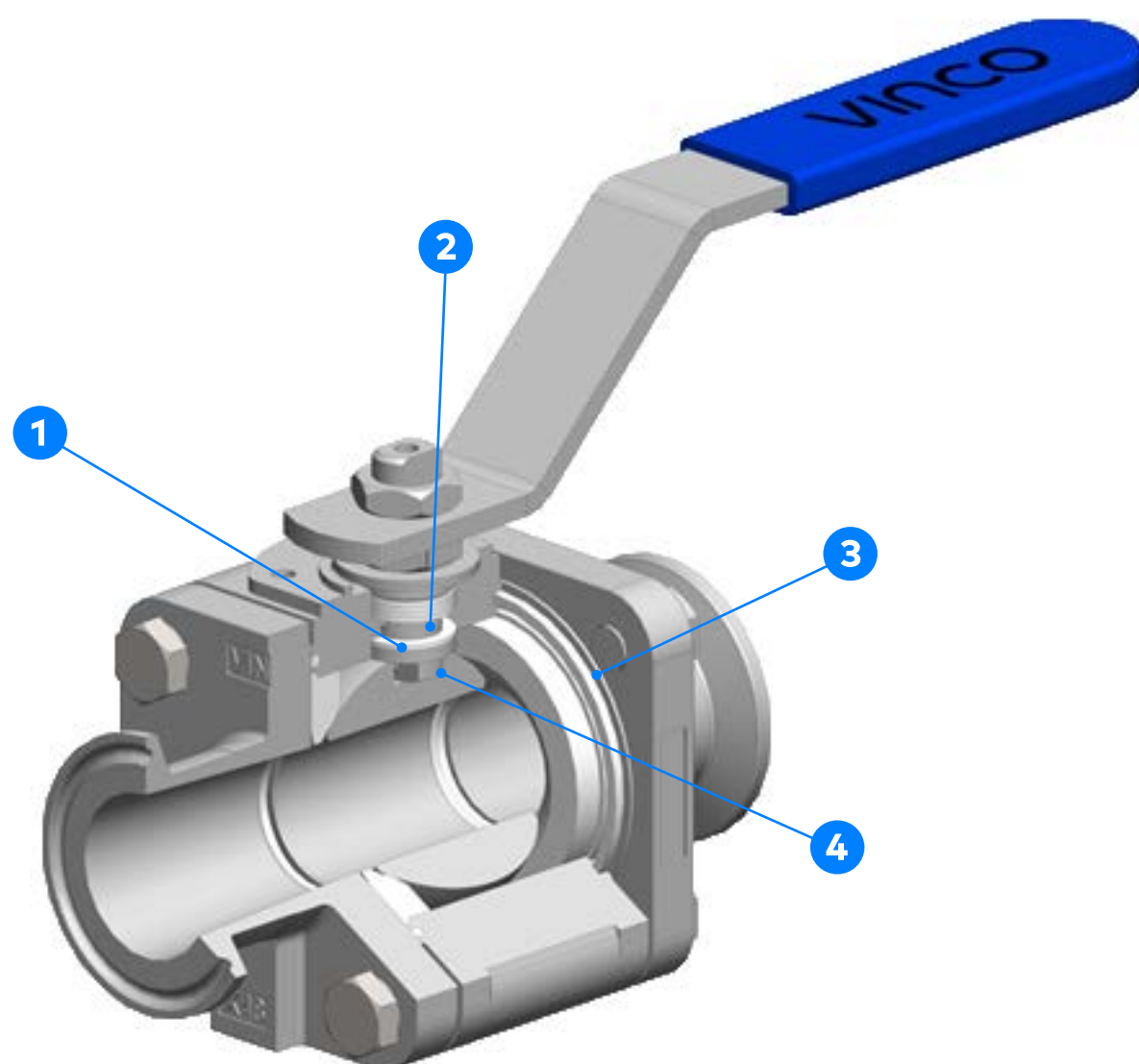
2 Split Body
Floating Type
Anti-static
Cast
CL150 to 300
DN $\frac{1}{2}$ " ÷ 8"

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SANITARY

SANITARY

GENERAL CONSTRUCTION



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- ① Anti-blowout stem;
- ② Self-adjust live loaded packing system ensures longer service without maintenance and spare parts replacement;
- ③ Encapsulated body seals for extra resistance;
- ④ Electrical conductivity is ensured between body, ends, stem and ball acc. ATEX 2014/34/EU.



SANITARY



PHARMACEUTICAL



FIRE SAFE



FUGITIVE
EMISSIONS



ATEX



FLOATING



CERTIFICATION

SANITARY

GENERAL CONSTRUCTION

CONSTRUCTION STANDARDS

ASME BPE | DIN 11850 | ISO 1127

BODY MATERIALS

A351 CF3M (max. ferrite 2% ; sulfur 0.005-0.017%)

A182 F316316L

1.4435 BN2

Hastelloy C22 and C276

CONNECTIONS

- Extended/Orbital Buttweld Ends

- Hygienic Clamp End

ASME BPE TUBE | DIN 11850 TUBE

ISO 1127 TUBE

SURFACE FINISH

- Interior Mechanical Polishing

Ra of less than 0,50 μm (20 μin) (SF1)

- Exterior Mechanical Polishing

Ra 0,75 micro polished (30 μin) (SF3)

- Electro-polishing

Ra 0,38 micrometer (15 μin) (SF4)

SANITARY

PRODUCTS



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RP SERIES

3-Piece Bolted
Anti-static
Bar stock / Forged
DN 1/2" ÷ 6"



XP SERIES

3-Piece Bolted
Anti-static
Investment Cast
DN 1/2" ÷ 6"



LP SERIES

3-Piece Bolted
Anti-static
Investment Cast
DN 1/2" ÷ 2"



MP SERIES

Multiways
Anti-static
Bar stock / Forged
DN 1/2" ÷ 2"



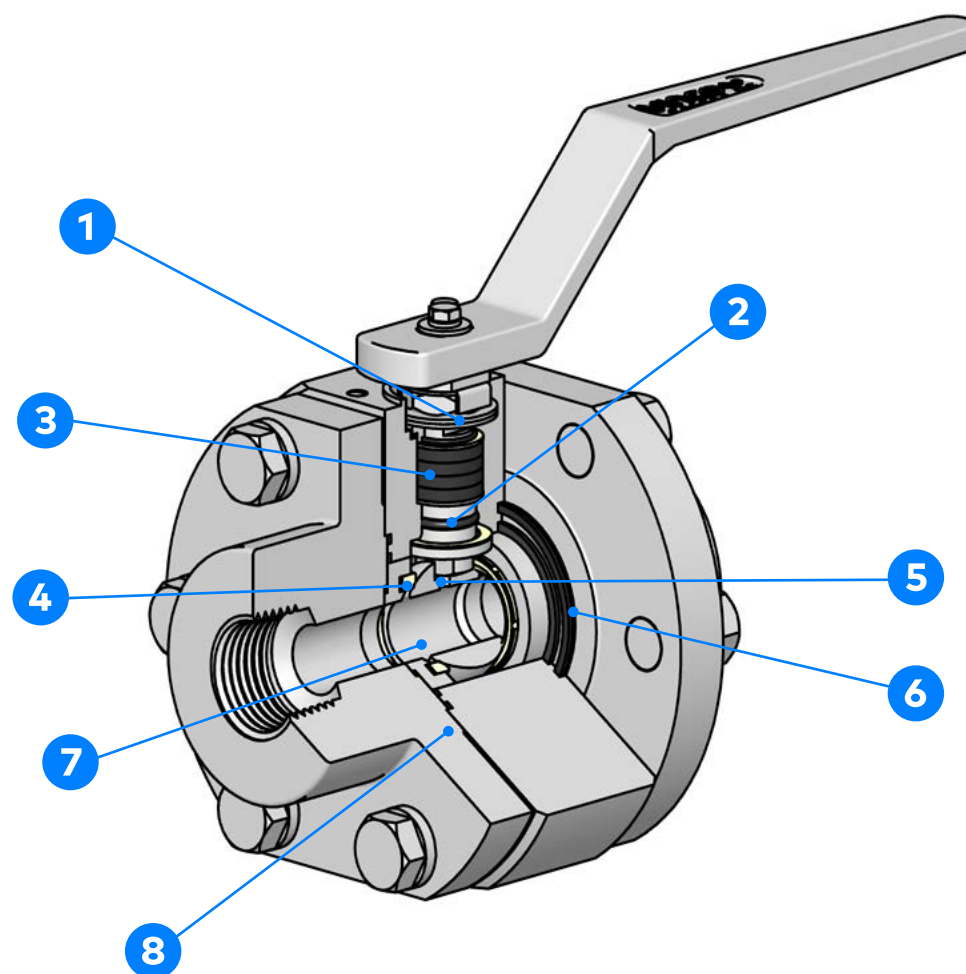
QP SERIES

Multiways
Anti-static
Investment Cast
DN 1/2" ÷ 2"

HYDROGEN

HYDROGEN RANGE

GENERAL CONSTRUCTION



- ① Self-adjust live loaded packing system ensures longer service without maintenance and spare parts replacement;
- ② Anti explosive decompression to ensure low fugitive emissions;
- ③ Electrical conductivity is ensured between body, ends, stem and ball acc. ATEX 2014/34/EU;
- ④ Pressure relieving seats for body cavity with valve in the closed position;
- ⑤ Ball relief hole to equalize pressures inside the body when the valve is in the open position;
- ⑥ Encapsulated graphite body seals for extra resistance;
- ⑦ Metal backup seat for sealing in the event of a fire;
- ⑧ Ball relief hole to equalize pressures inside the body when the valve is in the open position.



HYDROGEN



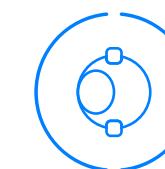
FIRE SAFE



ATEX



FLOATING



TRUNNION



CERTIFICATION

HYDROGEN

GENERAL CONSTRUCTION

CONSTRUCTION STANDARDS:

API 6D/ ISO 14313 | ASME B16.34

API 608 | ISO 17292 | MSS-SP-25

BODY MATERIALS:

A105N-LF2 / A350 LF2

A182 F316-316L / A479 316-316L

Others on request

CONNECTIONS:

• Threaded Ends

BSP/BSPP – ISO 228-1

BSPT – ISO 7-1 / EN 10226-1|2

NPT – ASME B1.20.1

• Butt weld Ends

BW (Sch.10 to XXS)

ASME B36.10M and B16.25

• Nipple Ends

BW (Sch.10 to XXS)

ASME B36.10M and B16.25

SW – ASME B16.11

• Socket weld Ends

SW – ASME B16.11

• Flanged RF & RTJ

ASME B16.5 and ASME B16.10

HYDROGEN

PRODUCTS - FLOATING

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VALVES

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CFH SERIES

2-Split Body
Floating Type
Fire Safe – Anti-static
Cast
CL150/300 - PN16/40
DN 1/2" ÷ 8"



XFH SERIES

3-Piece Bolted
Floating Type
Fire Safe – Anti-static
Cast
CL600/400/300
DN 3/8" ÷ 4"



SFH SERIES

3-Piece Bolted
Floating Type
Fire Safe – Anti-static
Bar stock / Forged
CL800
DN 1/2" ÷ 1 1/2"

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HYDROGEN

PRODUCTS - FLOATING

vinco
VALVES

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HFH5 SERIES

3-Piece Bolted
Floating Type
Fire Safe – Anti-static
Bar stock / Forged
CL1500
DN 1/2" ÷ 1 1/2"



HFH6 SERIES

3-Piece Bolted
Floating Type
Fire Safe – Anti-static
Bar stock / Forged
CL2500
DN 1/2" ÷ 1"



HFH7 SERIES

3-Piece Bolted
Floating Type
Fire Safe – Anti-static
Bar stock / Forged
CL4000
DN 1/2" ÷ 1"

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HYDROGEN **NEW**

PRODUCTS - FLOATING & TRUNNION

vinco
VALVES

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GFH6 SERIES

3-Piece Bolted
Floating Type
Fire Safe – Anti-static
Bar stock / Forged
CL3000
DN 1/4" ÷ 1 1/2"



GFH7 SERIES

3-Piece Bolted
Floating Type
Fire Safe – Anti-static
Bar stock / Forged
CL4000
DN 1/4" ÷ 1"



GFH8 SERIES

3-Piece Bolted
Trunnion Type
Fire Safe – Anti-static
Bar stock / Forged
CL6000
DN 1/4" ÷ 1"WW

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SYSTEMS



OVERFILL

The overfill protection valve is an automatic system designed to provide an emergency shut off of the filling line in case of an overpressure. It can be adjusted to work in several working pressures and is suitable for most of existing tanks.



FIREBLOCK

The fire block valve is an automatic system designed to provide an emergency shut off of the filling line in case of a fire. Additionally, it is equipped with a latch to allow the manual closing of the line without triggering the safety system.

ACCESSORIES



ACTUATORS

Pneumatic / Electric Actuator,
Limit Switch and Solenoid
Valve Assembly



FIRE FAIL SAFE

Firefail safe for automatic
emergency shutoff in case of fire
spread across the line process



STEM EXTENSION

Stem extension for accessibility
or isolation



SPRING RETURN

Spring return for mechanical close
after usage



LOCKABLE HANDLE

Lockable handle to prevent
unintended rotation of the obturator

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VALVES

THANK YOU

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