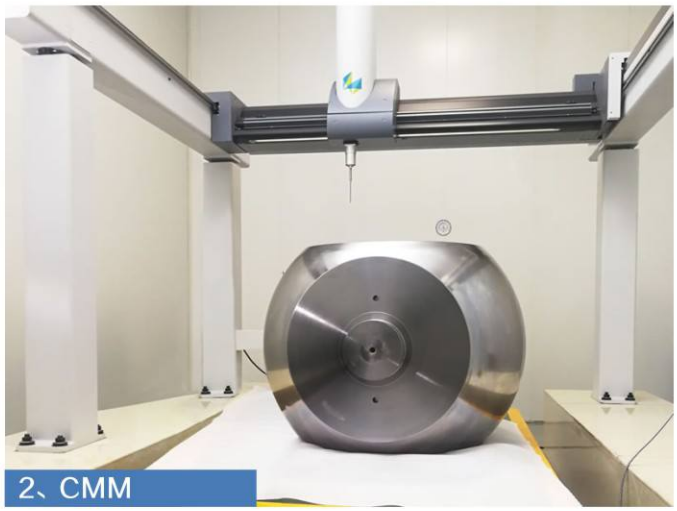
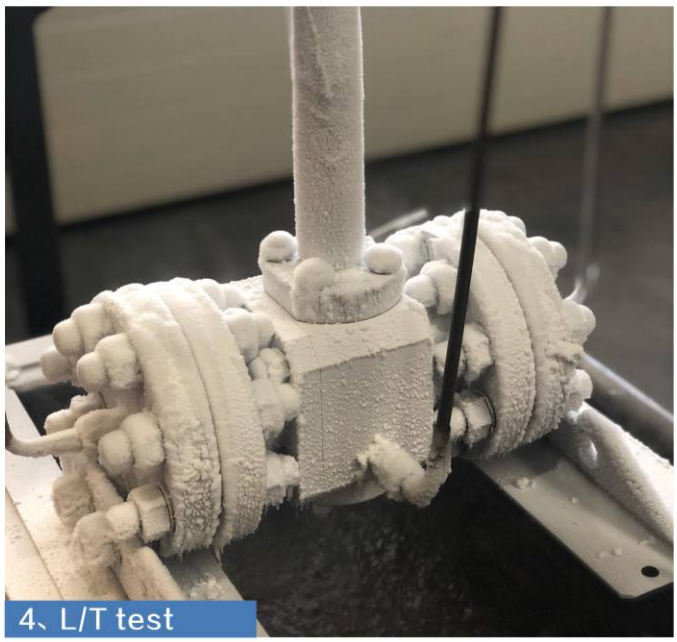
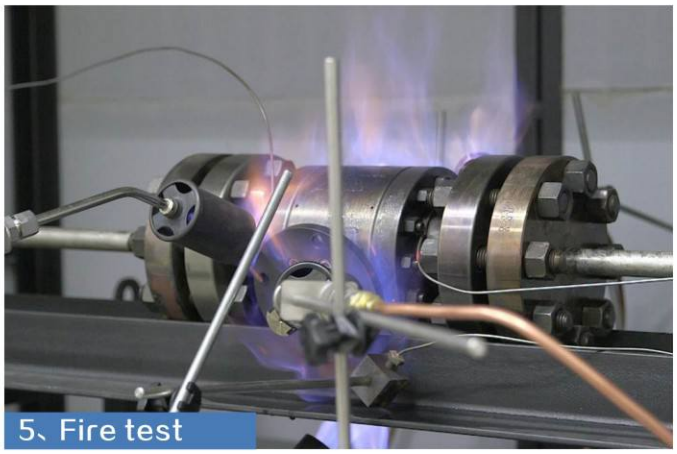
检测现场 TESTING

1、PMI


2、CMM


3、NDT

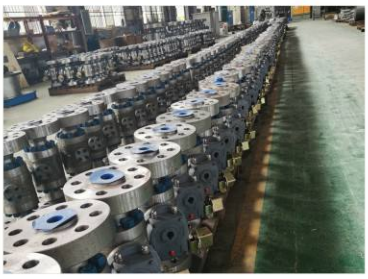

4、L/T test


5、Fire test

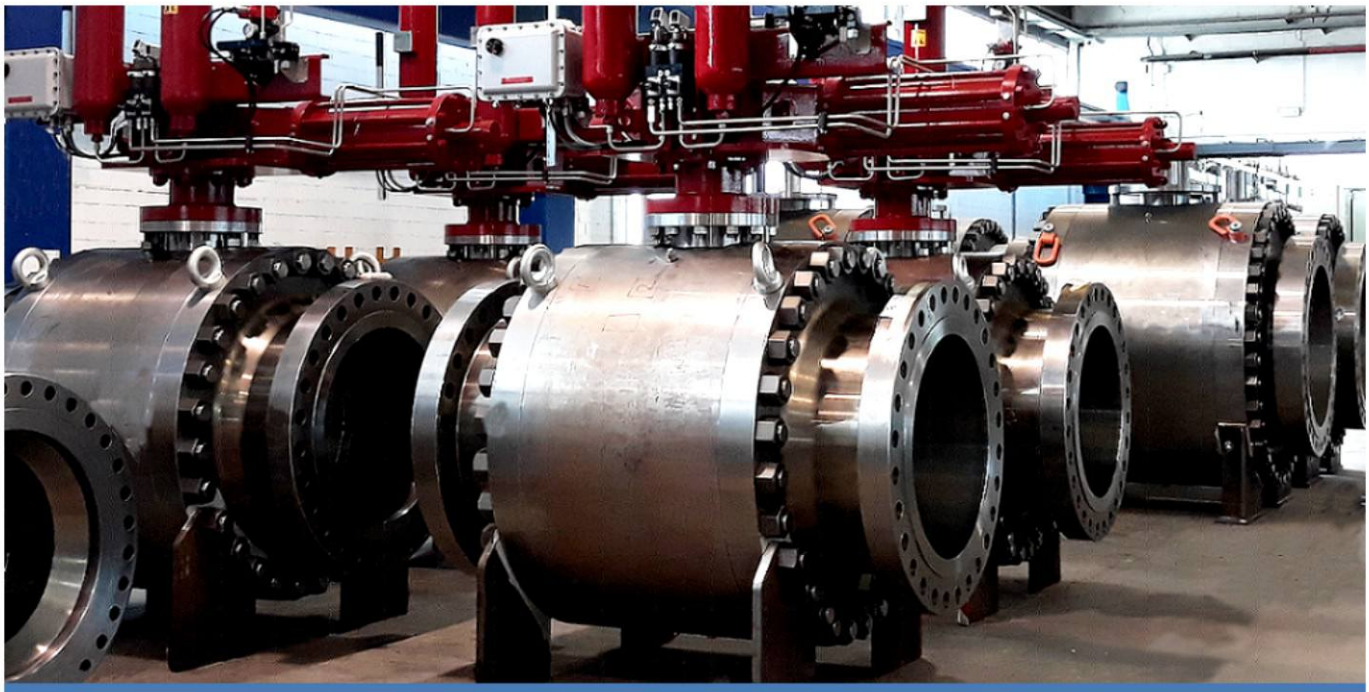

6、Pressure test

WORKSHOP 车间概况

车间概况 WORKSHOP



MAIN PRODUCTS 主要产品



固定球阀 Trunnion Ball Valve

金属硬密封球阀Metal to Metal Hard Seal Ball Valve

全焊接侧装固定球阀Fully Welded Side-entry Trunnion Ball Valve

高压球阀High Pressure Ball Valve

主要产品 MAIN PRODUCTS

铸件上装式球阀
Casting Top-entry Ball Valve

锻件上装式球阀
Forging Top-entry Ball Valve

浮动球阀
Floating Ball Valve

超低温球阀
Cryogenic Ball Valve

双球阀
DBB Valve

轨道球阀
Orbit Ball Valve

侧装式固定球阀

SIDE-ENTRY TRUNNION BALL VALVE

安全、可靠、创新

SAFE、RELIABLE、INNOVATE

产品介绍 Products Details

侧装式固定球阀按照API 6D标准制造。全系列锻造阀门采用两片式或者三片式设计，采用实心双固定轴结构，两个独立阀座，易于双向密封，确保在所有关键隔离应用中的高压和温度条件下，具有最高水平的密封性和可靠性。材料选择完全可定制，以满足客户的项目规格，并提供几个独特的功能，以提供一个增强的技术解决方案，适用于腐蚀性和研磨性的海上环境。

Side-entry ball valves are manufactured in accordance with API 6D standards. The complete range of forged valves is designed in two or three bolted pieces with a solid double trunnion configuration and two independent seats for an easy bidirectional sealing, to ensure the greatest level of tightness and reliability under high pressure and temperature conditions in all critical isolation services.

Materials selection is fully customizable to meet the customer's project specifications and several unique features are available to offer an enhanced technical solution suitable to aggressive offshore environments and corrosive and abrasive fluids.

阀门设计 Valve Design

API6D或者客户要求

Based on API 6D and Customer requirements

温度范围 Temperature Range

−150 to 662°F (−101 to 350°C)

尺寸 Size

NPS 1–56 (DN 25–1400)

压力范围 Pressure Rating

ASME 150 – ASME 2500

结构长度 Face-To-Face

As per API 6D standard

连接方式 End Connections

RF, RTJ as per B16.5 &B16.47

BW, Butt Welded as per B16.25

SW, Socket Welded as per B16.11

Hub connection

材料 Materials

碳钢，不锈钢，低温碳钢，双相钢，超级双相钢，镍基合金等。

Carbon Steel, Stainless Steel, Low–Temperature Carbon Steel Duplex, Super Duplex, Inconel

外体设计 Body Design

锻造或者铸造两片式和三片式

Forged and casting bolted two–piece and three–piece

阀座设计 Seat Design

软密封或者硬密封，双活塞阀座，组合阀座。

Soft or metal seated with Hard facing on ball and seats

Double piston seats, Combination seats

操作方式 Operator

手动:扳手或挂锁齿轮

驱动:气动/液压/电气

Manual: wrench or gear with padlocking

Actuated: Pneumatic/ Hydraulic/Electric

金属硬密封球阀
METAL TO METAL HARD SEAL BALL VALVE

安全、可靠、创新
SAFE、RELIABLE、INNOVATE

产品介绍 Products Details
球体和阀座是金属硬密封球阀的关键部件适用于极端高压、高温和研磨条件下，如切断或连接固体颗粒、熔浆、煤电、烧渣、蒸汽水或其他液体等。因此，它具有防静电结构，超强涂层，全孔和小孔，符合API607防火性能和可靠的密封性能。
金属座和球由基本金属制成，通常涂有硬铬、碳化钨、钨铬钴合金和Ni60。我们有热喷涂和冷喷涂两种喷涂方法，如激光熔覆、高速氧焰喷涂、氧乙炔火焰喷涂和等离子喷涂工艺。
多年来，我们为涂层球和球座开发了一种独特的球研磨技术。通过同时相同和不同的旋转方向，球和阀座的圆度和适应性达到完美，实现“零泄漏”。
Metal seated valve ball and seat is the critical parts of metal seated ball valves. It is designed for extreme high pressure, temperature and abrasive conditions, such as cutting off or connecting solid granules, melted slurry, coal power, scalding cinder, steam water or other liquid etc. Therefore it has the feature of anti-static construction, extra tough coating, full bore and reduced bore, fire safe feature complying API607, and reliable sealing performance.
Metal Seat and Ball are made from base metals coated usually with hard chrome, tungsten carbide, stellite and Ni60. We have both thermal spray coating and cold spray coating available such as Laser Cladding, HVOF (High Velocity Oxy Flame) Coating, Oxy-acetylene flame spray, and plasma Spray process. Over the years, we have developed a unique ball lapping technology for the coated ball and seat. Through simultaneous same and different direction of rotation, the ball and the seat result in perfect roundness and fitness, achieving “Zero Leakage”

阀门设计 Valve Design
API6D或者客户要求
Based on API 6D and Customer requirements

温度范围 Temperature Range
-50.8 to 1022°F(-46 to 550℃)

尺寸 Size
NPS 1-24 (DN 25-600)

压力范围 Pressure Rating
ASME 150 – ASME 2500

结构长度 Face-To-Face
As per API 6D standard

连接方式 End Connections
RF, RTJ as per B16.5 &B16.47
BW, Butt Welded as per B16.25
SW, Socket Welded as per B16.11
Hub connection

材料 Materials
碳钢，不锈钢，低温碳钢，双相钢，超级双相钢，镍基合金等。
Carbon Steel, Stainless Steel, Low-Temperature Carbon Steel Duplex, Super Duplex, Inconel

外体设计 Body Design
锻造或者铸造两片式和三片式
Forged or casting two-piece and three-piece

阀座设计 Seat Design
金属阀座，在球体和阀座上喷涂硬质耐磨材料
Metal seated with Hardfacing on ball and seats

全焊接侧装固定球阀
FULLY WELDED TRUNNION BALL VALVE

安全、可靠、创新
SAFE、RELIABLE、INNOVATE

产品介绍 Products Details
铂美阀门提供全系列全焊接的两件或三件侧入口球阀。全焊接的车身结构提供了更轻的解决方案，同时也避免了潜在的外部环境泄漏路径，确保了整个系统的可靠保护。坚固的双耳轴结构和两个独立的双向密封阀座，确保在所有关键的隔离应用环境中，在高压和温度条件下，具有最高水平的密封性和可靠性。几个独特的特点，提供先进的技术解决方案，适合甜或酸性气体过程或管道应用。材料选择完全可定制，以满足客户的项目规格
Platinum valve offers a complete range of fully welded two or three-piece side-entry ball valves. The fully welded body construction provides a lighter solution while also avoiding potential leak paths to the external environment, ensuring reliable protection of the whole system. A solid double trunnion configuration and two independent seats with bidirectional sealing ensure the greatest level of tightness and reliability under high pressure and temperature conditions in all critical isolation services. Several unique features are available offering advanced technical solutions suitable for sweet or acid gas processes or pipelines applications. Material selection is fully customizable to meet customers project specifications.

阀门设计 Valve Design
API6D或者客户要求
Based on API 6D and Customer requirements

温度范围 Temperature Range
−150 to 428°F(−101 to 220℃)

尺寸 Size
NPS 1–36 (DN 25–900)

压力范围 Pressure Rating
ASME 150 – ASME 2500

结构长度 Face-To-Face
As per API 6D standard

连接方式 End Connections
RF, RTJ as per B16.5 &B16.47
BW, Butt Welded as per B16.25

材料 Materials
碳钢，不锈钢，低温碳钢，双相钢，超级双相钢，镍基合金等
Carbon Steel，Stainless Steel，Low-Temperature Carbon Steel，Duplex, Super Duplex, Inconel

外体设计 Body Design
锻造或者铸造两片式和三片式
Forged and casting bolted two-piece and three-piece

阀座设计 Seat Design
软密封或者硬密封，双活塞阀座，组合阀座。
Soft or metal seated with Hard facing on ball and seats
Double piston seats, Combination seats

超低温球阀
CRYOGENIC BALL VALVE

安全、可靠、创新
SAFE、RELIABLE、INNOVATE

产品介绍 Products Details
低温球阀适用于极低温和低温应用场合。阀门采用一体化阀盖加长结构，通过使液体沸腾并转化为气体，防止低温液体到达阀杆填料。这使能量损失在延伸和保护阀门不发生故障。阀门的结构完整性将温度变化导致的内部部件的任何热变形降低到最低，确保在关键的液化天然气领域实现最高水平的紧密关闭性能。
Cryogenic ball valves are manufactured for extremely low temperature and cryogenic applications. Valves are designed with an integral bonnet extension which prevents cryogenic liquids from reaching the stem packing by enabling the liquids to boil and convert to gas. This minimizes the energy loss along the extension and protects the valve from malfunctioning. The structural integrity of the valve reduces any thermal deformation of internal components caused by temperature variance to a minimum, ensuring the highest level of performance for tight shut-off in critical LNG fields.

阀门设计 Valve Design
基于BS 6364, MESC 77/200, ISO 28921-1 和客户要求
Based on BS 6364, MESC 77/200, ISO 28921-1 and customer requirements

温度范围 Temperature Range
-320 to 212°F(-196 to 120℃)

尺寸 Size
NPS 1-30 (DN 25-750)

压力范围 Pressure Rating
ASME 150 – ASME 900

结构长度 Face-To-Face
As per API 6D standard

连接方式 End Connections
RF, RTJ as per B16.5 &B16.47
BW, Butt Welded as per B16.25

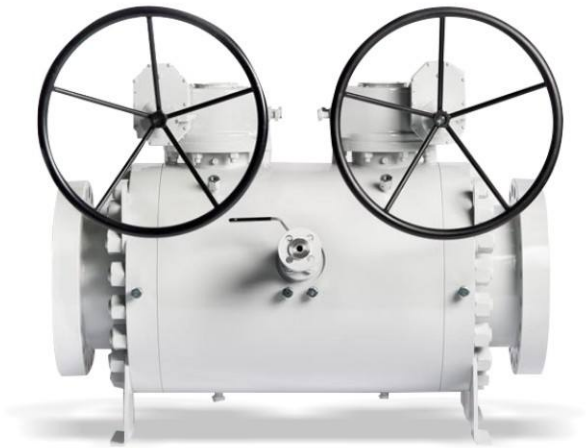
材料 Materials
低温碳钢，不锈钢，双相钢，超级双相钢，镍基合金等。
Low-Temperature Carbon Steel，Stainless Steel, Duplex, Super Duplex, Inconel.

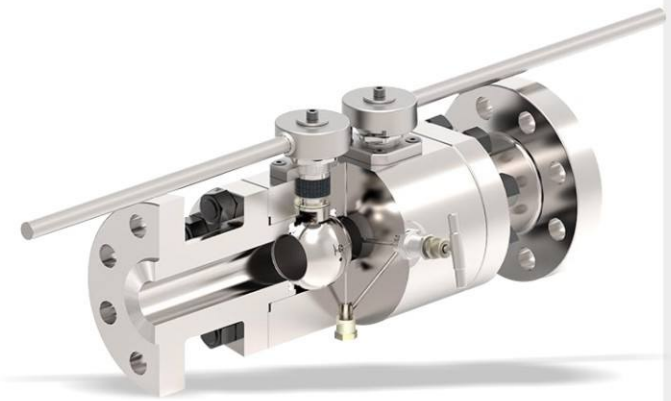
外体设计 Body Design
锻造两片式或三片式
Forged bolted two-piece and three-piece

阀座设计 Seat Design
软密封或者硬密封
阀座设计避免液体滞留在阀体腔内
Soft or metal seated with hard facing on ball and seats
Seat design to avoid trapped fluid in body cavity

操作方式 Operator
手动:扳手或挂锁齿轮
驱动:气动/液压/电气
Manual: wrench or gear with padlocking
Actuated: Pneumatic/ Hydraulic/Electric

双球阀
DBB VALVE





安全、可靠、创新
SAFE、RELIABLE、INNOVATE

产品介绍 Products Details
适用于石油和天然气生产、加工、运输、分销、化工和石化炼制，包括系统隔离、压力级和流量测量、仪表排放、化学品注入和较小尺寸的取样。
Valves suitable for Oil & Gas production, processing, transportation, distribution, chemical and petrochemical refining including system isolation, pressure level and flow measurement, instrument drain, chemical injection and sampling for smaller sizes.

阀门设计 Valve Design
API 6D, API 6A, ASME B16.34, ISO 14313, ISO 10423, ISO 17292

温度范围 Temperature Range
–58 to 392°F (–50 to 200°C)

尺寸 Size
NPS 1–12 (DN 25–300)

压力范围 Pressure Rating
ASME 150 – ASME 2500

结构长度 Face-To-Face
As per API 6D standard

连接方式 End Connections
RF, RTJ as per B16.5 &B16.47
BW, Butt Welded as per B16.25
SW, Socket Welded as per B16.11

材料 Materials
不锈钢，低温低碳碳钢，双相不锈钢，超级双相不锈钢，镍基合金，钛合金等。
Low Temperature and Low Alloy Carbon Steel
Stainless steel, Duplex and Super Duplex
Nickel alloys, Titanium

外体设计 Body Design
锻造或者铸造两片式和三片式
Forged and casting bolted two–piece and three–piece

阀座设计 Seat Design
软密封或者硬密封，双活塞阀座，组合阀座。
Soft or metal seated with Hard facing on ball and seats
Double piston seats, Combination seats

操作方式 Operator
手动:扳手或挂锁齿轮
驱动:气动/液压/电气
Manual: wrench or Gear with padlocking
Actuated: Pneumatic/ Hydraulic/Electric

上装式球阀
TOP-ENTRY BALL VALVE

安全、可靠、创新
SAFE、RELIABLE、INNOVATE

产品介绍 Products Details
上装式固定球阀是海上和陆上系统的完美解决方案。操作和维护的方便性是我们设计的基本特点，即使在空间有限的情况下，也可以简化用于装饰检查或内部维修的在线拆卸。我们的阀门在高压和低压下也具有优异的耐腐蚀性和优越的密封性能。阀门制造为单个锻造件或铸件，配置两个独立的阀座，用于双向密封，并根据客户的特殊要求和国际标准制造。
Top-entry trunnion ball valves are the perfect solution for both offshore and onshore systems. Convenience of operation and maintenance are essential features of our design simplifying in-line disassembly for trim inspection or internal repairs even where space is restrictive. Our valves also offer excellent corrosion resistance and superior sealing performance at both high and low pressures. Valves are manufactured in a single forged or cast piece and configured with two independent seats for a bi-directional sealing and are manufactured in accordance with customer specific requirements and international standards.

阀门设计 Valve Design
API 6D或者客户要求
Based on API 6D and Customer requirements

温度范围 Temperature Range
-150 to 662°F (-101 to 350°C)

尺寸 Size
NPS 2-24 (DN 50-600)

压力范围 Pressure Rating
ASME 150 – ASME 2500

结构长度 Face-To-Face
As per API 6D standard

连接方式 End Connections
RF, RTJ as per B16.5 &B16.47
BW, Butt Welded as per B16.25

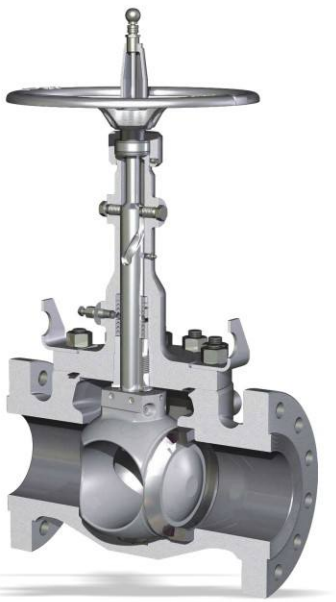
材料 Materials
碳钢，不锈钢，低温碳钢，双相钢，超级双相钢，镍基合金等。
Carbon Steel, Stainless Steel, Low-Temperature Carbon Steel
Duplex, Super Duplex, Inconel

外体设计 Body Design
锻造或者铸造单片式
Forged or cast one-piece

阀座设计 Seat Design
软密封阀座或者硬密封阀座，自动泄压阀座，双活塞阀座
Soft or metal seated with hard facing on ball and seats
Self relieving seats, Double piston seats

操作方式 Operator
手动:扳手或挂锁齿轮
驱动:气动/液压/电气
Manual: wrench or Gear with padlocking
Actuated: Pneumatic/ Hydraulic/Electric

轨道球阀
ORBIT BALL VALVE



安全、可靠、创新
SAFE、RELIABLE、INNOVATE

产品介绍 Products Details
轨道球阀以其独特的设计，特别如开启过程无摩擦特性和关闭零泄漏。性能特别适合各种特殊要求极其苛刻的工作条件,全金属结构设计、防火设计、能够适应低温范围在−196° C(−320° F),和高温可以达到600° C(1112° F)或操作温度,也能适应杂质介质(包括砂、短纤维)条件的要求。特别值得指出的是，我们在设计上是完全按照美国腐蚀协会NACE标准要求的，选材符合在硫化环境下抗硫化应力开裂的要求。

Orbit Ball Valve with its unique design especially such as the opening process no friction character and turn−off zero leakage. Performance is particularly suitable for special requirements for various extremely harsh working conditions, all−metal structure design, fire proof design, can adapt to low temperatures ranges between −196℃ or (−320°F), and high temperature could be up to 600℃ or (1112° F) operating temperature, also can adapt to the impurity medium(including sand, short fibers) condition requirements. Particularly worth pointing out is that we are fully according to the American association of corrosion factory NACE standard requirements in design, material selection meets the requirements in sulfide environment of sulfide stress cracking resistance.

阀门设计 Valve Design
Based on API 6D, API 600, ASME B16.34, ISO 14313, ISO 10423, ISO 17292

温度范围 Temperature Range
−320 to 1112°F (−196 to 600℃)

尺寸 Size
NPS 2−24 (DN 2−600)

压力范围 Pressure Rating
ASME 150 − ASME 2500

结构长度 Face−To−Face
As per API 6D standard

连接方式 End Connections
RF, RTJ as per B16.5 &B16.47
BW, Butt Welded as per B16.25

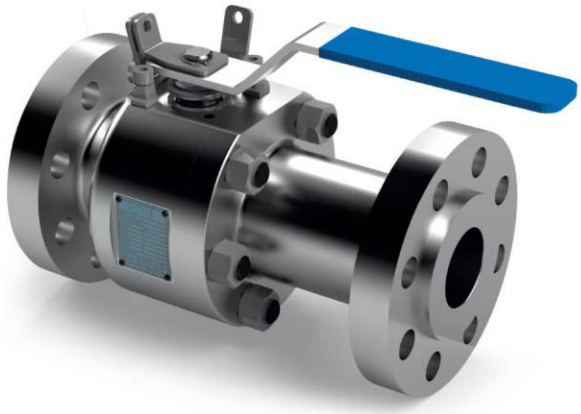
材料 Materials
碳钢，不锈钢，双相不锈钢，超级双相不锈钢，镍基合金
Carbon Steel, Stainless Steel, Low−Temperature Carbon Steel, Duplex, Super Duplex, Inconel

外体设计 Body Design
锻造或者铸造单片式
Forged or cast one−piece

阀座设计 Seat Design
单阀座设计
阀门内的单一固定阀座双向密封，避免了密封之间的滞留压力问题。
Single−seat Design
The single, stationary seat in the valve seals in both directions and avoids the problems of trapped pressure between seals.

操作方式 Operator
带有位置指示器和锁紧装置的手轮、齿轮箱或执行机构
Handwheel, Gear box or Actuator with position indicator and locking device

浮动球阀
FLOATING BALL VALVE



安全、可靠、创新
SAFE、RELIABLE、INNOVATE

产品介绍 Products Details
浮球阀按照API 6D标准制造。该阀门采用锻造螺栓两件式分体设计，直径小，适用于中/低压工况。设计简单，阀座直接插入阀体内。
上游的流动压力将自由浮动的球推到下游阀座上，由此产生的压缩提供了一个完美的无泄漏密封解决方案。
阀杆连接在球体的顶部，允许阀门通过四分之一圈运动来开启和关闭。
材料选择完全可定制，以满足客户的项目规格，并提供了几个独特的功能，提供了一个增强的技术解决方案，适用于腐蚀性的海上环境和磨蚀流体。
Side-entry floating ball valves are manufactured in accordance with API 6D. The valve is configured in a forged bolted two-piece split-body design with a small diameter, suitable for medium/low pressure working conditions. Characterized by simple design, the valve seats are directly inserted into the body.
The upstream flow pressure pushes the free-floating ball against the downstream seat–the resulting compression provides a perfect leak-free sealing solution.
The stem is connected at the top of the ball and allowing the valve to open and close with a quarter-turn movement.
Material selection is fully customizable to meet the customer's project specifications and several unique features are available offering an enhanced technical solution suitable for aggressive offshore environment and corrosive and abrasive fluids.

阀门设计 Valve Design
Based on API 6D

温度范围 Temperature Range
-150 to 662°F (-101 to 350°C)

尺寸 Size
NPS 1/2-6 (DN 15-150)

压力范围 Pressure Rating
ASME 150 – ASME 2500

结构长度 Face-To-Face
As per API 6D standard

连接方式 End Connections
RF, RTJ as per B16.5 &B16.47
SW, Socket Welded as per B16.11

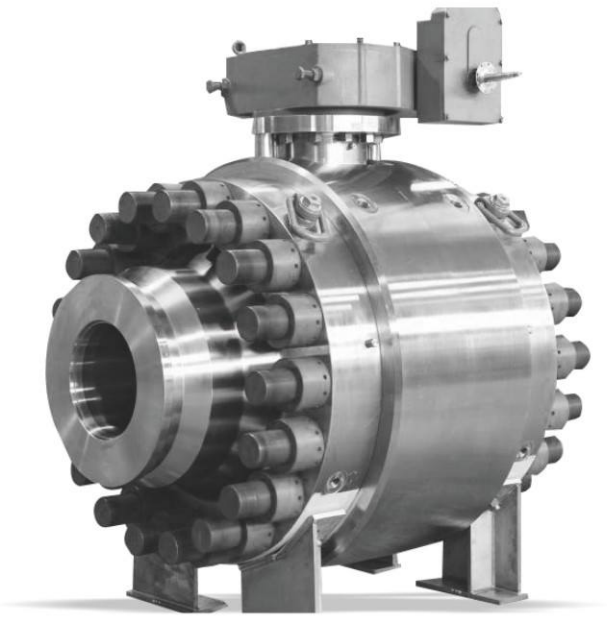
材料 Materials
碳钢，不锈钢，低温碳钢，双相钢，超级双相钢，镍基合金等。
Carbon Steel, Stainless Steel, Low-Temperature Carbon Steel Duplex, Super Duplex, Inconel

外体设计 Body Design
锻件/铸件 螺栓两片式
Forged/casting bolted two-piece

阀座设计 Seat Design
软密封，硬密封
Soft or metal seated with Hardfacing on ball and seats

操作方式 Operator
手动:扳手或挂锁齿轮
Manual: wrench or Gear with padlocking

高压球阀
HIGH PRESSURE BALL VALVE



安全、可靠、创新
SAFE、RELIABLE、INNOVATE

产品介绍 Products Details
我们提供广泛的两片式或者三片式锻造螺栓阀体耳轴安装球阀。两个独立的阀座提供简单的双向密封，以确保在关键的隔离应用环境中，在高压和温度条件下具有最高水平的密封性和可靠性。高压紧密型球阀具有与传统API阀门相同的可靠性和质量水平，但由于阀门关闭部分集成了紧凑的法兰设计，大大节省了空间和重量。连接管道和阀门的紧凑焊接颈法兰进一步节省了空间。我们的设计和材料选择完全可定制，以满足客户的项目规格。
We offer a wide range of two or three-piece forged bolted body trunnion mounted ball valves. Two independent seats provide easy bidirectional sealing to ensure the greatest level of tightness and reliability under high pressure and temperature conditions in critical isolation services. High pressure compact ball valves have the same reliability and level of quality as traditional API valves but with significant space and weight savings due to the compact flange design integrated into the valve closures. Compact welding neck flanges that connect the pipeline to the valve provide further space savings. We Design and selection of materials are fully customizable to meet the customer’s project specifications.

阀门设计 Valve Design
API6D或者客户要求
Based on API 6D and Customer requirements

温度范围 Temperature Range
-150 to 428°F (-101 to 220℃)

尺寸 Size
NPS 2-24 (DN 50-600)

压力范围 Pressure Rating
ASME 900 – ASME 2500

结构长度 Face-To-Face
As per API 6D

连接方式 End Connections
Norsok L005 compact flange
Freudenberg/ Grayloc compact flange

材料 Materials
碳钢，不锈钢，低温碳钢，双相钢，超级双相钢，镍基合金等。
Carbon Steel, Stainless Steel, Low-Temperature Carbon Steel Duplex, Super Duplex, Inconel

外体设计 Body Design
锻造螺栓两片式或三片式
Forged bolted two-piece and three-piece

阀座设计 Seat Design
软密封或者硬密封，双活塞阀座，组合阀座。
Soft or metal seated with Hard facing on ball and seats
Double piston seats, Combination seats

操作方式 Operator
手动:扳手或挂锁齿轮
驱动:气动/液压/电气
Manual: wrench or Gear with padlocking
Actuated: Pneumatic/ Hydraulic/Electric

应用领域 APPLICATION

化工 Chemical

海洋 Offshore

天然气 Natural Gas

造纸 Paper Making

石油 Petroleum

医药 Pharmacy

电力 Power Generation

水处理 Water Treatment