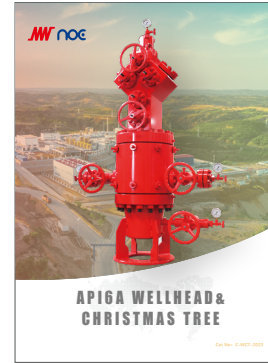




Product Summary



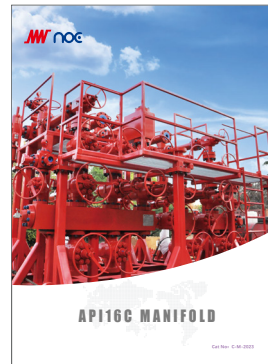
Subsea Products



WLLHEAD & CHRISTMAS TREE



GATE VALVE



MANIFOLD



ACTUATOR

# BALL VALVE

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WEBSITE



WECHAT

# Soft Seated Floating Ball Valve

## Product Description

Floating ball valve is through the buoyancy of the ball to achieve valve operation. It consists of a ball, a stem and a seat. Under normal circumstances, the ball floats on top of the medium in the pipe, thus preventing the medium from flowing. When the pressure of the medium in the pipe changes, the ball will rise or fall with the medium, thus opening or closing the valve. Floating ball valves are usually used for liquid or gas control, especially for situations where the valve needs to be closed quickly to prevent liquid or gas leaks or other safety incidents. For example, in a liquid delivery system, if the pressure of the pipeline suddenly increases or decreases, the floating ball valve can be quickly closed to prevent damage to the pipeline or equipment. In addition to safety control, floating ball valves are also widely used in water treatment, chemical, oil and gas pipelines and other fields. Due to its simple, stable and efficient design, floating ball valves have become a common type of valve in pipeline control systems.

## Product Scope

- **Design Standard:** API 6A
- **Fire safe:** API 6FA
- **Size Scope:** 1"~4"
- **Rated Pressure:** 2000~5000PSI
- **Temperature:** L,N,P,S,T,U,V,X
- **Product Specification Level:** PSL1,PSL2,PSL3/3G
- **Performance:** PR1,PR2
- **Certificate:** Fire Safe,CE-PED,PR2F



## Features

- ▶ Leakage level is in conformance with ISO 5208 Rate A, no leakage.
- ▶ Design for fire safe and high temperature resistance.
- ▶ Blow-out proof stem, to ensure product performance under various working conditions and pressures.

# Metal Seated Trunnion Mounted Ball Valve

## Product Description

Metal Seated Trunnion Mounted Ball Valve are suitable for harsh working site, can meet the requirement of high temperature, high pressure, strong corrosive and containing particles and other harsh conditions; in the working state, the seal is safe and reliable, zero leakage, and the service life is longer.

## Product Scope

- **Design Standard:** API 6A
- **Fire safe:** API 6FA
- **Size Scope:** 1-13/16"~11"
- **Rated Pressure:** 2000~10000PSI
- **Temperature:** L,N,P,S,T,U,V,X
- **Product Specification Level:** PSL1,PSL2,PSL3/3G
- **Performance:** PR1,PR2
- **Seat Structure:** DIB-2,DBB
- **Certificate:** Fire Safe,CE-PED,PR2F



## Features

- ▶ Leakage level is in conformance with ISO 5208 Rate A, no leakage.
- ▶ Ball and seat are hard faced and specially coated, with low torque to meet the requirements of high hardness, high temperature, wear and impact resistance.
- ▶ Below-out proof stem, to ensure product performance under various working conditions and pressures.
- ▶ Self-relief of the pressure design for seat, the pressure in the cavity is overloaded, whether the valve is in the fully closed or fully open position, (upstream or both ends of the valve seat) the valve seat is pushed away from the ball, and the pressure is automatically relieved.

## Product Description

The welding sleeve is used to connect the pipe. The valve body and the welding sleeve form an integral whole. The welded sleeve ball valve is characterized by simple structure, good sealing, easy operation, long service life and high reliability. It is usually used in fluid pipelines requiring high flow, high pressure or high temperature, such as petroleum, chemical, metallurgical, electric power and other industries.

## Product Scope

- **Design Standard:** API 6A
- **Fire safe:** API 6FA
- **Size Scope:** 1-13/16"~11"
- **Rated Pressure:** 2000~10000PSI
- **Temperature:** L,N,P,S,T,U,V,X
- **Product Specification Level:** PSL1,PSL2,PSL3/3G
- **Performance:** PR1,PR2
- **Certificate:** Fire Safe,CE-PED,PR2F



## Features

- ▶ Leakage level is in conformance with ISO 5208 Rate A, no leakage.
- ▶ No visible leakage, excellent sealing performance, explosion-proof performance and durability.
- ▶ Design for fire safe and high temperature resistance.
- ▶ Blow-out proof stem, to ensure product performance under various working conditions and pressures.

## Product Description

The most obvious difference between the top entry ball valve and the side entry ball valve is that the ball is loaded from the top of the valve. This design allows for better sealing between the ball and the valve body to withstand greater pressure and temperature. Top entry ball valve usually have high reliability and longer service life, and are widely used in petroleum, chemical, metallurgical, construction and pharmaceutical industries. It is also ideal for pipe control in fire safe, explosion-proof and high temperature environments.

## Product Scope

- **Design Standard:** API 6A
- **Fire safe:** API 6A
- **Size Scope:** 1-13/16"~11"
- **Rated Pressure:** 2000-10000PSI
- **Temperature:** L,N,P,S,T,U,V,X
- **Product Specification Level:** PSL1,PSL2,PSL3/3G
- **Performance:** PR1,PR2
- **Seat Structure:** DIB-2,DBB
- **Certificate:** Fire Safe,CE-PED,PR2F



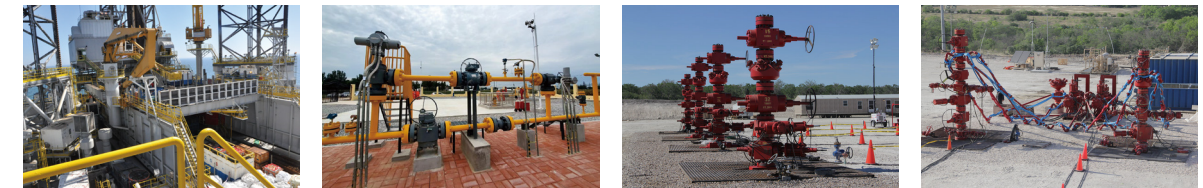
## Features

- ▶ Repair the ball seat, seals and other internals without removing the valve.
- ▶ Leakage level is in conformance with ISO 5208 Rate A, no leakage.
- ▶ Ball and seat are hard faced and specially coated, with low torque to meet the requirements of high hardness, high temperature, wear and impact resistance.
- ▶ Blow-out proof stem, to ensure product performance under various working conditions and pressures. Self-relief of the pressure design for seat, the pressure in the cavity is overloaded, whether the valve is in the fully closed or fully open position, (upstream or both ends of the valve seat) the valve seat is pushed away from the ball, and the pressure is automatically relieved.



## Product Description

DBB valve is a special ball valve, it is composed of two balls, each ball has its own seat ring and operating mechanism. Both balls can be operated simultaneously or separately, enabling precise control of the fluid in the pipe. DBB valve is commonly used in situations where quick switching of pipe flow direction and fluid isolation. In the control of some important pipelines, the DBB valve can be used to improve the reliability and safety of the system. For example, if one valve fails, the other ball can continue to keep the pipe running properly. In addition, the DBB valve can also be used for the control of multi-fluid media, such as water, gas, liquid and steam. They are commonly used in areas such as liquid separation, water treatment, chemical processing, and oil and gas transmission. Because of its stability, durability and high control ability, the DBB valve has become one of the important tools of modern pipeline control.



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## Product Scope

- **Design Standard:** API 6A
- **Fire safe:** API 6FA
- **Size Scope:** 1-13/16"~11"
- **Rated Pressure:** 2000~10000PSI
- **Temperature:** L,N,P,S,T,U,V,X
- **Product Specification Level:** PSL1,PSL2,PSL3/3G
- **Performance:** PR1,PR2
- **Seat Structure:** DIB-2,DBB
- **Certificate:** Fire Safe,CE-PED,PR2F



## Features

- ▶ Leakage level is in conformance with ISO 5208 Rate A, no leakage.
- ▶ Ball and seat are hard faced and specially coated, with low torque to meet the requirements of high hardness, high temperature, wear and impact resistance.
- ▶ Below-out proof stem, to ensure product performance under various working conditions and pressures.
- ▶ Self-relief of the pressure design for seat, the pressure in the cavity is overloaded, whether the valve is in the fully closed or fully open position, (upstream or both ends of the valve seat) the valve seat is pushed away from the ball, and the pressure is automatically relieved.

## After-sales Service

