



- Fireproof structural design, API607 / API6FA Standard
- Flexible sealing ring structure, reliable seating
- Safety locking device, error prevention
- Double block & bleed
- Anti-static design

TYPHON series Metal Seal Ball Valve

Design Features

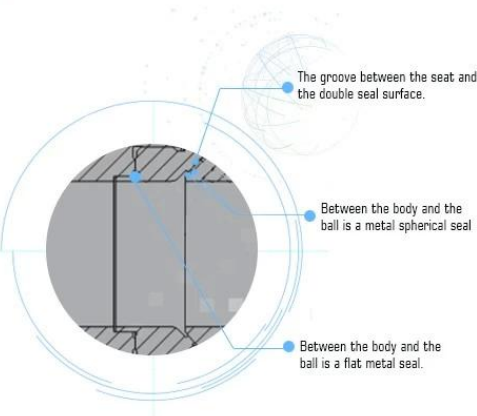


- The whole configuration -

TYPHON series valve is a floating uni-directional seated ball valve. It includes the main body, secondary body, the main seat, secondary seat, belleville spring, ball, universal joint, stem, packing gland, packing. The body, seat and ball are forged. The maximum temperature endurance is 800 °C. It is used for three-phase flow (gas, solid, liquid), high erosion, high hard granular media, easy to coke materials and high frequency switching conditions.

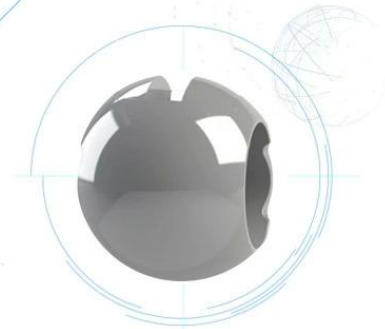
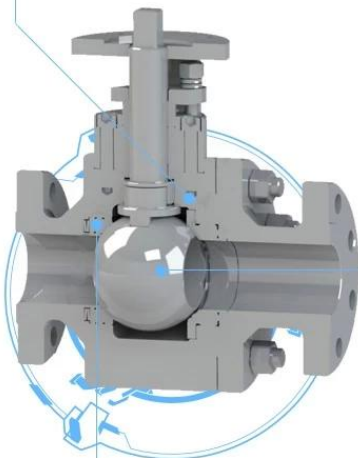
- Full metal Hard seal -

Between the ball and the seat is metal spherical seal. Between the main seat and the body is the metal flat seal. There is no non-metallic gasket between the seals. The seal pair has tested to "zero leakage".



- Double-arc incision design -

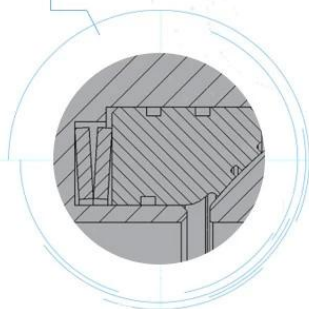
The ball inlet and outlet are designed for double-arc incision, and the two incisions are rotated 180 degrees symmetrically. This design can instantaneously expand the flow area when open and close, reducing the media flow rate, thereby reducing the erosion damage of the ball and the valve seat sealing surface, extending the service life of the valve.



- Spring box design -

The side seat is installed in the seat pocket of the main body. The belleville spring is installed in the spring box formed by the body and the seat. The inner and outer sides of the secondary seat are provided with labyrinth grooves, which prevent the media particles from entering the spring chamber and affecting the spring action.

The secondary seat is driven by a spring to move along the passage axis while providing the preload between the main seat, the secondary seat and the ball.



Engineering Projects



Partners



PTFE lined butterfly valve



Resilient seat butterfly valve



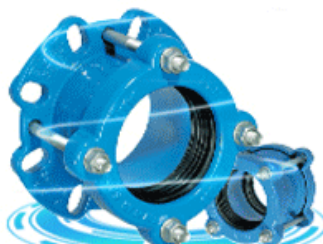
Double offset butterfly valve



Triple offset butterfly valve



Ball valve



Pipe fittings

Our Factory



Company Advantages

01

21 years of professional experience

03

Independent research and development team
28 top senior professional researchers

05

100% high level ex-factory inspection

07

2 years quality assurance, repair and replacement

4 factories

02

2 professional testing centers

04

High quality imported materials

06



- I 项目概况： 项目位于... 项目占地面积... 项目总建筑面积... 项目主要建设内容...
- II 项目背景： 项目背景... 项目意义... 项目目标...
- reference 项目参考： 项目参考... 项目参考...
- IV 项目标准： 项目标准... 项目标准...
- standard 项目标准： GB, ... , TUV CE, ISO 9001, ADWO-2000, TS, PED, WRC WRAS, KTW, API 6D, API609
- VI 项目内容： 项目内容... 项目内容... 项目内容... 项目内容... 项目内容...

A: 鋼製、鋁製、銅製、樹脂製、複合材製

Q: どの程度の圧力まで耐えられるのですか？

A: 鋼製、鋁製、銅製、樹脂製、複合材製 RKSfluid の圧力範囲は、
鋼製：10MPa、鋁製：5MPa、銅製：10MPa、樹脂製：1MPa、複合材製：10MPa

Q: どの程度の流量まで耐えられるのですか？

A: RKSfluid の流量範囲は、鋼製：1000L/min、鋁製：500L/min、銅製：1000L/min、樹脂製：100L/min、複合材製：1000L/min

Q: どの程度の温度まで耐えられるのですか？

A: 鋼製：-20℃～150℃、鋁製：-20℃～100℃、銅製：-20℃～150℃、樹脂製：-20℃～80℃、複合材製：-20℃～150℃

Q: どの程度の寿命まで耐えられるのですか？

A: 1 年以上、劣化しない限り

Q: どの程度の寸法まで耐えられるのですか？

A: 100% 寸法範囲は、鋼製：200mm、鋁製：100mm、銅製：200mm、樹脂製：100mm、複合材製：200mm

鋼製：TUV, API, WRAS, CE, ISO 9001

鋁製：DIN, ASME, BS EN, JIS, API, AWWA

Q: どの程度の重量まで耐えられるのですか？

A: RKSfluid の重量範囲は、20kg、R&D 70kg、鋼製：100kg、鋁製：50kg、銅製：100kg、樹脂製：10kg、複合材製：100kg