



High pressure ball valve

High pressure ball valves

High pressure ball valve conform to BS5351 and MSS SP-118. Each valve is inspected and tested in accordance with API 598, and marked per MSS SP25. High pressure ball valve Port size: 2"-40", Pressure: 600LB-2500LB, Valve Material: Carbon, stainless steel.



High pressure ball valve Applicable Standards:

1. Design: ASME B16.34, API6D
2. Fire safe: API 607
3. Anti static: API 608, API6D
4. Face to face: ASME B16.10, API6D
5. Inspection and test: API 598, API 6D

High pressure ball valve Design Description:

1. Full bore Design
2. Blow-out proof stem
3. Fire safe construction
4. Anti static device
5. Urgent grease injection device
6. Self-relief in the Body cavity
7. Stopper device
8. ISO 5211 Mounting pad
9. Nominal pressure: 600LB to 2500LB
10. Suitable temperature: metal-to-metal seal below 420 degree Celsius
11. Materials: ASTM A105, C5, F11, F22, LF2, F304, F316, F304L, F316L
12. Operated way: Lever handle, Worm wheel, Pneumatic actuator, Electrical actuator are available

online
Communication



Contact Us

WENZHOU WINDMILL VALVE CO.,LTD.
ADD: OuBei, WenZhou, Zhejiang, China
TEL: 86-577-67955569
FAX: 86-577-67955565
E-Mail: sale@dfcvalve.com

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ABOUT PRODUCTS

- ★ Forged ball valve
- API ball valve
- trunnion ball valve
- pipeline ball valve
- FORGE STEEL BALL VALVE (RF/NP T/SW)
- FLOATING TYPE BALL VALVE
- TRUNNION MOUNTED BALL VALVE
- Ball Valve Series
- FS FLOATING TYPE BALL VALVE
- CS TRUNNION TYPE BALL VALVE
- Ball valve
- ★ « Forged ball valve
- ★ Metal to metal sealed ball valve »

High pressure ball valve Fire safe design

With the high pressure ball valves heated in a fire application, the nonmetal material parts such as seat sealing ring of PTFE, stem back seat gasket, gland packing, and the sealing gasket between body and bonnet might disintegrate or be damaged due to high temperature. WINDMILL specially designed structure of auxiliary metal to metal seal is provided to effectively prevent both internal and external leakage of the valve. As required by Customers, WINDMILL floating ball valve with design can meet the requirement of API 607, API 6FA, BS 6755 and JB/T 6899.

High pressure ball valve Reliable stem seal

The blow-out proof design has been adopted for the stem to ensure that even if the pressure in the body cavity is risen accidentally and the packing flange becomes invalid, the stem may not be blown out by medium. The stem features the design with a backseat, being assembled from underneath. The sealing force against the backseat gets higher as the medium pressure becomes higher. So the reliable seal of the stem can be assured under variable medium pressure.

High pressure ball valve Reliable stem seal

V type packing structure has been employed to effectively transform the pushing force of the high pressure ball valve gland flange and the medium pressure into the sealing force against the stem.

★ Contact Now

If you have High pressure ball valve any enquiry about quotation or cooperation, please feel free to email us at sale@dfcvalve.com or use the following enquiry form. WINDMILL sales representative will contact you within 24 hours. Thank you for your interest in our High pressure ball valve products.

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ADD: Oubei, Wenzhou, Zhejiang, China TEL: 0086-577-67955569 FAX: 0086-577-67955565 E-mail: sale@dfcvalve.com