



Metal to metal sealed ball valve

Metal to metal sealed ball valves



1. Metal to metal sealed ball valves Piston action seat design. According to customers' requirements, ball valve can be designed to single piston action, self-release pressure seat and double piston action, dual sealing structure. The pressure auto release device should be installed in the body if the seat is designed to double piston action. When the pressure exceed allowed pressure 1.33 times, the pressure can be released automatically. Thus ensure running safety.

2 The Metal to metal sealed ball valve's ball and the seat are coated by Ni base or WC, the hardness can be higher than HRC65, Metal to metal sealed ball valve has advantages such as anti-friction and corrosion resistance.

3 The design for the seat is fully sealed type, thus the impurity can't enter the seat, avoid the seat being stucked, ensure the reliable safety. Metal to metal sealed ball valve adopts O-ring Or V type packing sealing structure, with the spring and medium press, the V type packing can inflate to achieve sealing.

4 The sealing for the stem are O-ring and packing. WINDMILL also install a retainer in the middle. When the packing lost effect, we can inject grease to achieve emergency seal. The packing is pressed tight by the bolts, and the spring is also installed here, so when the packing lose, it can also be sealed.

5 Bellow entrance stem. Anti-blowoff ,anti-static,ensure the reliable use.

online
Communication



Contact Us

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ABOUT PRODUCTS

- ★ High pressure ball valve
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 - E
 - Ball Valve Series
 - FS FLOATING TYPE BALL VALVE
 - CS TRUNNION TYPE BALL VALVE
 - Ball valve
- ★ « High pressure ball valve
- ★ Three way ball valve »

Metal to metal sealed ball valve PRODUCTS RANGE:

Size ranges: 1"-36"

Rating/Class: Class 150~Class 2500

Connecting mode: Socket weld, butt-weld, flange, etc.

Material: Carbon Steel, Stainless Steel

Operation: Lever, Gear, electric, Pneumatic, pneumatic-hydraulic, etc.

Structure type: floating ball valve type, Trunnion ball valve type, One-piece, two-piece or three-piece structure.

Metal to metal sealed ball valve feature:

Severe Service Ball Valve

Metal Seated Design

Cavity pressure self relief

Blowout-proof stem

Ball & stem in one piece

Shut-Off

★ Contact Now

If you have Metal to metal sealed 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 Metal to metal sealed ball valve products.

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