



V Type Trunnion Ball Valve For Paper Mills / Chemical Plants / Smelters

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: OEM
- Certification: API, ISO, CE, GOST, TS, BS1873, BS5351, API 6D, 600, 602, 609, ASME B16.34, API 6FA, API607 etc
- Model Number: 1/2"-4", CL150-600
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Plywood Cases
- Delivery Time: 15-60 Days
- Payment Terms: L/C, T/T
- Supply Ability: Based On Order



Product Specification

- Size: NPS 1/2"~4"
- Pressure Rating: Class 150~600
- Material: CF8, CF8M, CF3, CF3M, A890, MONEL, etc
- Design Standard: API 608, API 6D, BS 5351, ASME B16.34
- Face To Face: ASME B16.10, API 6D, BSEN 558
- End Connection: ASME B16.5, BSEN 1092
- Highlight: **trunnion mounted ball valve**

Product Description

V type ball valve, 1/2"-4"CL150-600 API 6D with handle or actuators

Structure principle for V type ball valve:

1. For V type ball valve, the bevelling spring or pillar spring loaded movable seat design has been employed, which is reliable in seal and of long service life as there in no such problems as clenching or disjoints.
2. It features the function of slipping between the ball with cutting edge and metal seat, which is particularly suitable for the medium containing fibre, solid particles, thick fluid, and so on.
3. As per different working conditions of customers, several kinds of advanced techniques have been employed separately for the ball and seat surface of metal to metal sealed ball valve, such as nickel base alloy by spraying welding (for hardness HRC60), stellite alloy by ultra-sonic spraying coating (for max. hardness HRC70), and specially hardened material etc. ,which are suitable for many kinds of critical working conditions.
4. When the valve is fully open, flow capacity is big, pressure loss is small, and the medium would not deposit in the body cavity.
5. Being impact in structure and extensive in common use, the cutting off V type ball valve features perfect sealing property and may replace gate valve, globe valve and general ball valve. For regulating V type ball valve, its regulating scope available is wide, and its regulating accuracy is high.
6. The V type ball valves Mainly used in paper mills, chemical plants, smelters

V type ball valve

Material: WCB,LCB,WC6,WC9,CF8,CF8M,CF3,CF3M,CN7M,904L

Size: 1/2"-4"(DN50-DN500)

Pressure range: 150LB-600LB(PN6-PN64)

Connect type: Wafer and Flange end

Drive : Wrench,Gear,Pneumatic actuators and electric actuators

Part name for V type ball valve

1-Body	13-Worm gear set
2-Stud	14-Bevelling spring
3-Nut	15-O ring
4-O ring	16-Seat
5-O ring	17-V shape ball
6-Circlet	18-Trunnion
7-Key	19-Bush
8-Stem	20-A djusting cushion
9-O ring	21-O ring
10-Gland	22-Down-end cap
11-O ring	23-Bolt
12-Bolt	

Describe for V type ball valve:

The ball of V type ball valve are V notch, so there's name is V type ball valves, suitable for use on various kinds of pipelines of Class 150~Class600. There are two kinds of applications for V type ball valve according to customers different requirement. One is used for cutting off or switch on the pipeline medium. The other is used as control valve for regulating the medium flow capacity in pipeline. Operation manners for cutting off type ball valve include manual, worm gear, pneumatic or electric actuators, where as for regulating type V type ball valve, open ball valve, open manners are of pneumatic and electric actuators.

Of the application for metal sealed V type ball valve, the temperature is in general 200 .As specially ordering, the application temperature for metal to metal sealed V type ball valve can be 425 (carbon steel valve body) or 540 (valve body of stainless steel, CrMo steel, and CrMo V steel).

For Soft Sealed V type ballvalve, the application temperature is in general 180(reinforced PTFE seat).

Connection type for V type ball valve is of water flanged connection



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