Two Balls DBB Trunnion Mounted Valve For Flow / Level Measurement

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: 2"-48", CL150-2500
- 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 2"~48"
- Pressure Rating: Class 150~2500
- Material: A105, LF2, F304, F316,F304L, F316L,F22, F51 Etc
- Design & Manufacturing 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
- Test And Inspection: ISO 5208, API 6D, BSEN 12266, API 598
- Operation Method: Manual ,Worm Gear, Electric Actuator, Pneumatic Actuator
- Highlight: **trunnion mounted ball valve**

Product Description

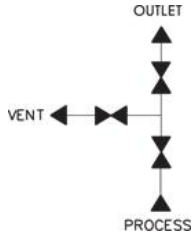
Two balls DBB trunnion ball valve of 2"-48" CL150-2500 API 6D, 608 desgin

Technical parameters:

Product description	DBB trunnion ball valve of 2"-48" CL150-2500 API 6D, 608 desgin
Model	Forging trunnion ball valve
Nominal diameter	NPS 2 NPS 48
Operating temperature	-46 121
Operating pressure	CLASS 150 CLASS 2500
Material	A105,LF2,F304,CF8M,F316,F51 etc.
Design standard	API 608,ISO 17292,BS 5351
Structural length	ASME B16.10
Connecting end	ASME B16.5,ASME B16.25
Test standard	API 598
Operation method/td>	Handle, worm, motor-drive unit, pneumatic drive unit
Application fields	Water, petroleum and natural gas
Other remarks 1	A locking device is provided to prevent misoperation of valve.
Other remarks 2	Valve stem flyout prevention structure design, to prevent accident due to flyout of valve stem caused by abnormal pressurization in the chamber
Other remarks 3	Fireproof and antistatic design
Other remarks 4	Full bore of valve convenient for pigging, of small flow resistance and high flow capacity

The DBB ball valve is the abbreviation for the double block and bleed ball valve. Some of DBB valves have two balls and one or two needle valves,the two ball valves can opend and closed the medium and two needle valves can discharge pressure of the valves,the ball valve is designed to replace the complex form of the connection of multiple valves in traditional pipes,so as to reduce leakage points in the system and realize fast discharging and closing. The DBB ball valves saves the installation procedures,reduces pressure in the pipe system,faciliates instrument cleaning and maintence and lowers the cost.

Two independently operable 5.0mm bore globe style needle valves for isolation service with an intermediate 5.0mm bore globe style needle valve for venting service. Metal seating features as standard for all valves.



The integrally forged one piece block & bleed assemblies for primary isolation of pressure take-offs, where the valve is directly mounted to the vessel or process pipe. Instruments may be directly mounted to the valves outlet or alternatively remotely mounted with gauge line/impulse pipe work.

Applications

Double Block &Bleed
Level Measurement
Pressure Measurement
Chemical Injection
Sampling

Flow Measurement

STANDARD FEATURES

½ -inch NPT threaded female outlet as standard to ANSI/ASME B1.20.1.
½ NPT threaded female vent connection to ANSI/ASME B1.20.1.
Material Thickness to ANSI B16.34
ANSI B16.5 flanged inlet connection, ½ to 2 inch sizes. 150 lbs rated to 2500 lbs rated.
API flanged inlet connections sizes to 2 1/16 inch. 3000psig, 5000psig & 10000psig rated.
Globe Style Needle Value Gland Packing Material.
Standard valves are offered with Graphite. PTFE is also available as an optional.

Design characteristics :

ANTI-STATIC DESIGN

Trunnion ball valves present a particular problem with the build up of static electricity around the ball. All Kelite ball valves have anti-static devices which provides contact between stem and ball, and stem and body to eliminate static electricity.

FIRE SAFE DESIGN

In the event of a fire the valve is required to make a downstream seal. Even after the disintegration of the RTFE seats, KELITE ball valves have an excellent metal to metal seal. Special attention has been paid to the mechanical strength and sealing efficiency of the central flanged joint in the valve body.

SEAL DESIGN

The PTFE gasket packing acts as a primary seal for the unibody ball valves. The secondary seal has been made out of flexible graphite, a material with extremely good resistance to fire conditions.

BLOW-OUT PROOF STEM DESIGN

The combination of stem packingand o-rings guarantee zero emissions even at a low pressure. The primary seal is made out of flexible graphite, a material with extremely good resistance to fire conditions. The anti-blow out stem is inserted from inside the valve body.

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