



Reliable Fully Welded Ball Valve For Pumping Compression Station

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"-56", CL150-1500, API 2000-15000
- 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"~56"
- Pressure Rating: Class 150~1500, API 2000-15000
- Material: A105, LF2, F304, F316, F304L, F316L, F51, A106-B, 20# Etc
- Design & Manufacturing Standard: API 6A, API 6D, API 6DSS, KS, BS 5351, ASME B16.34
- Face To Face: ASME B16.10, API 6D
- End Connection: ASME B16.5, ASME B16.47, ASME B16.25
- Test And Inspection: ISO 5208, API 6D, API598
- Operation Method: Manual, Worm Gear, Electric Actuator, Pneumatic Actuator
- Highlight: **fully welded body ball valves**

Product Description

Fully welded ball valve of 2"-56" CL150-1500 trunnion or bearing plate design

Fully Welded Body Valves are used in pipelines and pumping compression stations as well as subsea applications.

Our welded design reduces the leakage path and makes the valves ideal for underground and subsea installations.

Welding of the two or three piece body parts are performed with a special technique so that post welding heat treatment is not required and soft Seats are not subject to damage during the welding.

The extensive size range and pressure class are available in a variety of materials including Carbon, Alloy & Stainless steel suitable for general to severe service conditions.

One-piece body, full bore/reduced bore, trunnion mounted, double block and bleed, single or double piston effect, anti-blow out stem, anti-static device, fire-safe certified to API-607/6FA/ISO 10497, spring loaded Seats, sealant injection, NACE MR-01-75, NYLON, DEVLON&PEEK seat inserts, designed and tested according to ASME B16.34, BS5351, KS and API-6D.

Service Type:

- Standard Temperature: -29°C to 220°C / -20°F to 428°F
- Low Temperature: -46°C to 150°C / -50°F to 302°F
- Cryogenic Temperature: -196°C to -593°C / -258°F to -620°F
- Subsea (Shallow & Deep Water)
- Underground
- High Temperature: Above 220°C / 428°F

Our service:

1. Provide your technical requirements and drawings
2. Get primary reply from us within 12 hours
3. Get technical solution and quotation from us within 24 hours
4. Technical solution and quotation confirmation
5. Provide samples if necessary
6. Contract review and signing
7. Arrange production and shipment
8. After sales service

Technical parameters and characteristics:

Product description	Fully welding ball valve
Model	Fully welding trunion forging ball valve
Nominal diameter	NPS 2" NPS 56"
Operating temperature	-593 220 (the range of service temperature may vary for different materials)
Operating pressure	CL150-CL1500
Material	A105N, A182 F304, F304L, F316, F316L, A352 LF2, LF2, etc.
Design standard	API 6D, ASME B16.34
Structural length	ASME B16.10
Connecting end/td >	ASME B16.5, ASME B16.25
Test standard	API 598, API 6D, ISO 5208
Operation method	Handle, worm, motor-drive unit, pneumatic drive unit
Application fields	Oil and natural gas pipelines, and urban gas pipeline
Other remarks 1	The valve seat is embedded with flexible seal ring for zero leakage of seal; the valve seat is provided with a preloaded spring that is adaptive to the variation of pressure and temperature, so leakage is not liable to happen.

Other remarks 2	Integral valve with welded valve body, free of external leakage, etc.
Other remarks 3	Fire resisting construction of all-welded ball valve. Each leakage position is designed with flexible graphite packing or stainless steel mixing graphite to satisfy the fire resisting requirements in case of a fire.
Other remarks 4	The most advanced support plate structure both at home and abroad is adopted for large diameters to increase the service life and reduce the operating torque of valve. Thus, the service life of valves is greatly extended.
Other remarks 5	The directly-buried all-welded ball valve can be buried directly, in which case, no high and large valve pit is required, only a small shallow pit needs to be built on ground, so the construction cost and the engineering time can be significantly saved.
Other remarks 6	Full bore of valve convenient for pigging, of small flow resistance and high flow capacity and good flow characteristics
Other remarks 7	The valve ball can completely enclose the valve seat when the all-welded ball valve is opened, so the impurities in the medium will not be flushed to the valve seat or the packing surface of valve body. Hence, the valve body has a same service life as the pipeline due to his special construction.



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