



Industrial Fully Welded Ball Valve , Fire Safe Design One Piece Ball Valve

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"-56", CL150-2500, 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 1/2"~56"
- Pressure Rating: Class 150~2500, 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 1/2"-56" CL150-2500 forging material, extended bonnet

Our company is specialist in design and production of high quality water valve, and has grown to become one of the leading manufacturers for fluid control valve. We design and manufacture a wide range of fluid valve,, such as float control valve, trunnion ball valve, water pressure reducing valve, rotary airlock valve, sanitary butterfly valve, hydraulic check valve,sewage air release valve, etc. Our constant technical innovation combined with stringent quality control systems has enabled us to deliver high performance and outstanding value in industrial applications.

Our Valves is famous for manufacturing fully welded ball valves in China market, we have made 56"CL600 fully welded ball valves for Iran market, a special technique was performed so that post welding heat treatment is not required so soft seals will not to be damaged during the welding process to make sure the seals good performance.

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.

Bill of Materials - Model for example

NO.	NAME OF PART	MATERIALS	
1	Body	A350 LF2	A182 F316
2	Ball	A350 LF2+ENP	A182, F316, A351, CF8M, 410 SS
3	Adapter	A350 LF2	A182, F316, A351, CF8M
4	Stem	A350 LF2+ENP	316 SS, 17-4 PHSS, 410 SS
5	Seat Ring	A350 LF2+ENP	316 SS, 410 SS
6	Seat Insert	Devlon, Nylon, PEEK, RTFE	
7	Seat O-ring (2)	Low Temp HNBR /Viton AED	
8	Seat Seal	Graphite	
9	Gland	A350 LF2	316 SS, 410 SS
10	Gland Ring	A350 LF2	316 SS, 410 SS
11	Mounting Plate	A350 LF2	316 SS, 410 SS
12	Trunnion	A350 LF2	316 SS, 410 SS
13	Trunnion Bearing (2)	PTFE, Carbon Steel	PTFE, 316 SS
14	Thrust Washer	PTFE, Carbon Steel	PTFE, 316 SS
15	Gland O-ring (2)	Low Temp HNBR /Viton AED	
16	Stem O-ring (2)	Low Temp HNBR /Viton AED	
17	Gland Gasket	Graphite	
18	Adapter O-ring (2)	Low Temp HNBR /Viton AED	
19	Adapter Gasket	Graphite	
20	Mounting Plate Gasket	Graphoil	
21	Stud Bolt*	A320 L7M	A193 B8
22	Hex Nut*	A194 7M	A194 8
23	SHCS	A320 L7M	A193 B8
24	Anti-Static Spring	Inconel X-750	
25	Seat Spring	Inconel X-750	
26	Dowel Pin	Carbon Steel	Stainless Steel
27	Grease Fitting	Carbon Steel	316 SS
28	Grease Fitting, BGH	Carbon Steel	316 SS
29	Ball Check	Stainless Steel	
30	NPT Plug	Carbon Steel	316 SS
31	Vent Fitting	Carbon Steel	316 SS
32	Stem Key	Carbon Steel	Stainless Steel
33	Foot Plate*	Carbon Steel	Stainless Steel
34	Lift Plate*	Carbon Steel	Stainless Steel
35	Body Dowel Pin	Carbon Steel	Stainless Steel
36	Gear Operator	Ductile Iron, Carbon Steel Worm Gear	
37	Handwheel	Carbon Steel, Ductile Iron	
38	Trunnion Gasket	Graphite	
39	Trunnion O-ring (2)	Low Temp HNBR/Viton AED	

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°C 220°C(the range of service temperature may vary for different materials)
Operating pressure	CL150-CL2500
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.



Beijing Silk Road Enterprise Management Services Co.,LTD



17733330123



miclecleanmo@gmail.com



watercontrol-valve.com

18-2 JinFu East Rd. Ulks Village. Futian New district. Shenzhen. China.