



RF Flange Type Welded Body Ball Valve With Spring Loaded PTFE Sphere Seal

Our Product Introduction

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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: 1/4"-24", 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 1/4"~24"
- Pressure Rating: Class 150~600
- Material: A105, LF2, F304, F316, F304L, A106-B, 20# Etc
- Design & Manufacturing Standard: API 6D, 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 RF flange with locking device 1/4"-24"

Fully welded flanged floating ball valves from series 1/4"-24" utilize flange connecting method to make them compatible with other flange-connected products. The valve replacement process is rather convenient. These kinds of valves are suitable for pipeline branches, underground pipeline, gas delivery equipment, liquid storage device, tunnel construction, etc.

Valve opening: flat steel handle (standard configuration)/worm wheel (optional configuration); motor driven/pneumatically driven/hydro driven (optional configuration)

Medium: water, oil, gas

Mainly include: all-welded ball valve, welded ball valve at flange end, fully welded ball valve with buried extension rod. Materials are WCB (A105), 304, 304L, 316, 316L, etc.;

Fully welded ball valve features:

- 1): Since the all-welded ball valve body is welded, the valve is light and easy to install.
- 2): The spring-loaded PTFE sphere seal ensures absolute tightness under all application conditions
- 3): All welded ball valve ball and stem are made of stainless steel with two o-ring anti-flying valve stem structure to ensure the tightness, the upper container can be replaced, the working life is long
- 4): All welded ball valves are available in welded, wired and flanged versions
- 5): Obtained ISO 9001 certification
- 6): Steel ball valves are suitable for use in local heating and cooling systems, pressure gas lines and oil lines.

Product introduction

Surface Treatment

We offer the following processes to choose:

1. Mechanical Polishing (MP) to improve brightness (gloss, matte)
2. Acid Cleaning for Anti-corrosion
3. Electrolysis Polish (EP) to improve surface smoothness
4. Custom Process: Bright Annealing treatment eliminates stress to improve toughness

All welded ball valve material:

- 1): Valve body: carbon steel ST37.0, A106-B; No. 20 steel
- 2): Sphere: Stainless steel 304 or 316
- 3): Stem: 2Cr13
- 4): stem seal: perfluoro-like glue
- 5): Sphere seal: PTFE (PTFE + C)

Standard features of all welded ball valves:

- 1): Path: DN15 600
- 2): Pressure: PN 16 64
- 3): Working temperature: -29 °C ~ +200 °C
- 4): All welded ball valve adapts to medium: water, oil, natural gas
- 5): All-welded ball valve operation mode: water, oil, natural gas



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