Top 10 Metal-Seated Ball Valve Manufacturers in China 2026: Advancing Industrial Flow Control

Examining Valve Design, Materials, and Performance for Demanding Industrial Service



Logo for Dico Ball Valve

CALIFORNIA, CA, UNITED STATES, September 15, 2026 / EINPresswire.com/ -- WENZHOU, China, September 15, 2026 — China's metal-seated ball valve manufacturing sector continues to support demanding flow-control applications across oil and gas, petrochemical processing, power generation, metallurgy and other industrial fields. Against this backdrop, this 2026 review profiles 10 Chinese manufacturers with publicly documented metal-seated ball valve products, covering companies based primarily in Zhejiang and Jiangsu.

The shortlist is based on publicly available product information, company registration records and third-party certification documentation. Manufacturers were assessed across five areas: registered manufacturing status, documented ball valve portfolios, certification coverage, application exposure and public verifiability. The companies are presented in editorial order and are not ranked by revenue, production capacity or market share.

How the 2026 Shortlist Was Assessed

The selection focuses on manufacturers with verifiable business identities and documented experience in ball valve production or related industrial valve manufacturing. Product portfolios were reviewed for metal-seated or hard-seated ball valve configurations, while available

certification information was considered as an indicator of suitability for regulated industrial applications.

The review also considers publicly documented applications in sectors such as oil and gas, petrochemical processing, power generation, metallurgy, pharmaceutical production, semiconductor manufacturing, hydrogen and industrial cooling. Where performance data or commercial figures were not publicly verified, no unsupported comparison or market claim was made.

Based on these criteria, the following 10 Chinese manufacturers were selected for the 2026 review. Their profiles focus on documented product capabilities, certification coverage and application areas relevant to metal-seated ball valve sourcing.

Industry Context: Choosing Metal-Seated Ball Valves

Metal-seated ball valves are generally considered for operating conditions where conventional soft-seat materials may face greater temperature, pressure, wear or media-related limitations. Metal-to-metal seating can be suitable for high-temperature service, abrasive or particle-containing media and demanding pressure conditions, depending on the valve design and material selection.

By comparison, soft-seated ball valves can provide tight shutoff and lower operating torque in suitable clean and moderate-temperature applications. Metal-seated designs typically require greater machining precision and may involve higher actuation torque, making seat selection a balance between temperature, pressure, medium characteristics, corrosion conditions and operating frequency.

For industrial buyers, publicly available information on seat materials, ball construction, pressure ratings, stem sealing and applicable certifications can help determine whether a manufacturer's valve configuration matches the requirements of a specific process line or operating environment.

The 2026 Shortlist: Ten Chinese Metal-Seated Ball Valve Manufacturers

1. Zhejiang Dico Valve Co., Ltd.(Dico Ball Valve

Founded in 2015 and located in Longwan District, Wenzhou, Zhejiang Dico Valve Co., Ltd. specializes in ball valves and related fluid-control products. Its published model range includes Q47F trunnion-mounted ball valves and Q41F floating ball valves, with both metal-seated and soft-seated configurations available for specified models. Published specifications include flanged connections, pressure ratings of 1.0–10.0 MPa and temperature ranges extending to

425°C for the relevant configurations. Body-material options include carbon steel, SS304, SS316, duplex steel, titanium and alloy steel.

The wider product portfolio includes the Q11F PC ball valve family, covering sanitary, mini, three-way, four-way, ISO 5211, floating and three-piece tri-clamp configurations. Depending on the model, connection options include threaded, welded, tri-clamp, tube and press-fit designs, with published pressure ratings of 1.0–13.0 MPa and temperature ranges extending from −196°C to 425°C. Listed seat materials include PTFE, PPL, PI, PEEK and Stellite, while ball configurations include hollow and solid designs. Standard construction features include an ISO 5211 mounting pad, anti-static structure and three-layer stem sealing.

Dico also publishes third-party qualification and testing documentation. Its ISO 15848-1:2015+Amd.1:2017 qualification certificate No. 337275, issued by TÜV on April 16, 2026, covers specified 2-inch, 2,000 PSI ball-valve configurations under defined stem-size and pressure conditions. Its API STD 607 fire-safe test certificate No. 285697, issued by TÜV SÜD Industrie Service GmbH and valid through March 23, 2027, covers specified ball-valve sizes and Class 150/Class 300 austenitic-material configurations.

The combination of documented metal-seated ball-valve configurations, multiple seat-material options and published qualification records makes Dico a relevant manufacturer for buyers evaluating high-temperature, high-pressure and demanding industrial flow-control applications. Final suitability remains dependent on the specific valve model, seat material, pressure class, medium and operating conditions.

2. SUFA Technology Industry Co., Ltd.

SUFA Technology Industry Co., Ltd. is a Suzhou-based industrial valve manufacturer with a product portfolio covering ball, gate, globe and check valves. Its publicly documented business covers applications in nuclear power, thermal power, petrochemical processing and gas-related projects. Its relevance to this review is based on its established industrial valve portfolio and experience in sectors where valve qualification, material documentation and project-specific specifications are important.

3. Suzhou Neway Valve Co., Ltd.

Suzhou Neway Valve Co., Ltd. manufactures ball, gate, globe, check and butterfly valves from its Suzhou manufacturing base. Its published portfolio includes pipeline and trunnion-mounted ball valves for oil and gas transmission, refining, petrochemical processing and power applications. The company's broader industrial valve range covers multiple pressure classes and

configurations, giving it relevance to buyers comparing Chinese manufacturers with established experience in large-scale process and energy-sector valve applications.

4. Jiangsu Shentong Valve Co., Ltd.

Jiangsu Shentong Valve Co., Ltd. is a Jiangsu-based special-valve manufacturer serving industries including metallurgy, nuclear power, petrochemical processing, thermal power and natural gas. Its product portfolio includes ball valves alongside butterfly, gate, globe, check and regulating valves. The company's documented involvement in specialized industrial projects makes it relevant to sourcing programs where valve design, application conditions and project-specific technical requirements need to be evaluated together.

5. Zhejiang LENOR Flow Control Technology Co., Ltd.

Zhejiang LENOR Flow Control Technology Co., Ltd. is a Wenzhou-based flow-control manufacturer whose product portfolio includes control valves and ball valves for industrial process applications. Its published applications cover sectors such as chemical processing, pharmaceutical production and general process industries. Compared with manufacturers focused primarily on pipeline valves, LENOR's positioning is more closely associated with process flow control. Buyers considering it for a metal-seated ball-valve project should verify the specific ball-valve model, seat configuration and applicable operating range before procurement.

6. Zhejiang Boteli Technology Co., Ltd.

Zhejiang Boteli Technology Co., Ltd. is based in Yongjia, Wenzhou, and manufactures ball valves, gate valves, globe valves and check valves for industrial applications. Its published ball-valve portfolio includes floating and fixed ball valves, cast and forged-steel designs, as well as soft-sealing and metal-hard-sealing ball valves. The company's stated application sectors include oil and gas, petrochemical processing, power generation, metallurgy and other energy-related industries. This documented metal-hard-sealing product category gives Boteli a direct connection to the focus of this review.

7. Zhejiang Redstar Valve Co., Ltd.

Zhejiang Redstar Valve Co., Ltd. is a Wenzhou-based industrial valve manufacturer with a

portfolio centered strongly on ball valves. Its published range includes floating ball valves, trunnion-mounted ball valves and metal-seated ball valves, together with V-type, multi-port, double-block-and-bleed and high-pressure configurations. Its metal-to-metal floating ball-valve documentation identifies metal-seat and ball materials including F6, F304, F316 and F316L, with designs intended for demanding conditions such as elevated temperature and media containing dust or solid particles. The company also publishes product information associated with API 6D and API 607 requirements.

8. Harbin Electric Group Suzhou Douson Valve Co., Ltd.

Harbin Electric Group Suzhou Douson Valve Co., Ltd. is a Suzhou-based industrial valve manufacturer serving oil and gas, petrochemical, thermal power, nuclear power, new energy and metallurgy applications. Its published product range includes ball valves, orbit ball valves, API 6A valves, cryogenic valves, power-station valves, oxygen valves and gate valves. The company's portfolio spans upstream equipment as well as process and energy-sector valves, making it relevant to projects where pressure, temperature, material and application-specific valve requirements must be assessed together.

9. Zhejiang Petrochemical Valve Co., Ltd.

Zhejiang Petrochemical Valve Co., Ltd. is a Wenzhou-based manufacturer serving petroleum, petrochemical, chemical, metallurgy and power-generation applications. Its published portfolio includes conventional ball valves as well as expanding metal-seal ball valves and wear-resistant metal-seal valve designs, providing a direct connection with the metal-seated segment covered by this review. Publicly listed specifications span multiple pressure and material configurations, while the company also publishes certification information including ISO 15848-1, API 607 and API 6FA.

10. Fangzheng Valve Group Co., Ltd.

Fangzheng Valve Group Co., Ltd. is a Wenzhou-based industrial valve manufacturer engaged in the design, production and sale of industrial valves. Its published product portfolio includes ball, gate, globe, check and butterfly valves, together with API 6A and wellhead-related products. Its documented applications include oil and gas, petrochemical and power-sector projects, while its ball-valve range covers pipeline and process-service configurations. For metal-seated applications, buyers should verify the specific seat material, pressure class and temperature rating of the selected model rather than treating the company's broader ball-valve portfolio as

uniformly metal-seated.

Taken together, the 10 manufacturers represent a range of Chinese valve-production capabilities, from general industrial ball valves to metal-seated, high-pressure and application-specific configurations. For buyers, however, product availability alone is not sufficient; certification scope, technical documentation and model-level specifications remain important factors in supplier evaluation.

Certification Scope as the 2026 Procurement Gate

For metal-seated ball valves, certificate scope matters more than the certificate name itself. Fugitive-emission and fire-safe qualifications generally apply to specific valve sizes, pressure classes and material groups, so buyers should verify that the certificate matches the actual valve configuration being offered.

The certification records reviewed for this 2026 shortlist include ISO 15848-1 fugitive-emission qualification, API STD 607 fire-safe testing, IEC 61508 functional-safety certification and PED-related documentation, together with ISO 9001, ISO 14001 and ISO 45001 management-system certifications. Their applicability varies by manufacturer and product, making model-level verification important during procurement.

Market and Procurement Considerations

Certification requirements increasingly act as procurement gates in export-oriented valve projects. Fugitive-emission requirements are particularly relevant to refining and chemical applications, while fire-safe qualification is commonly specified for oil and gas service. Other emerging applications, including semiconductor manufacturing, hydrogen and data-center liquid cooling, may also require application-specific valve designs and documentation.

For buyers, the key consideration is therefore not simply whether a supplier holds a certificate, but whether its specific valve model, seat material, pressure class, temperature range and applicable standard match the intended operating conditions.

Verification Checklist for Buyers

Buyers evaluating Chinese metal-seated ball valve suppliers in 2026 can focus on six checks:

- Certificate scope: Match size, pressure class, material and applicable model.
- Legal entity: Confirm the quoted manufacturer matches the registered production entity.

• Seat selection: Verify the seat material against temperature, pressure and medium.
• Material traceability: Request material certificates and heat-number records where required.
• Qualification type: Treat ISO 15848-1 and API STD 607 as separate technical requirements.
• After-sales terms: Confirm warranty coverage, sealing components and spare-part availability.

Closing Outlook

China's metal-seated ball valve sector provides a broad manufacturing base, but certification scope and technical documentation vary between suppliers. For buyers, a practical approach is to screen suppliers on qualification and technical documentation first, then compare engineering capability, lead time and service terms. As industrial applications become more demanding, documented compliance and model-specific technical data are likely to remain important factors in export-oriented procurement.

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