



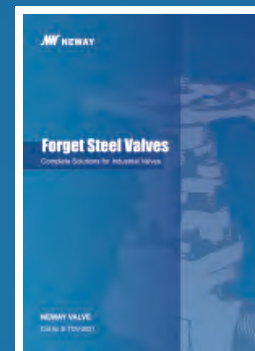
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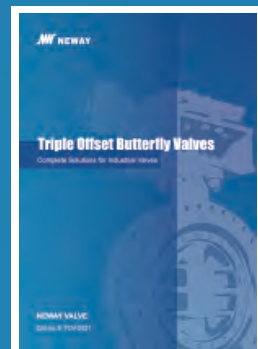
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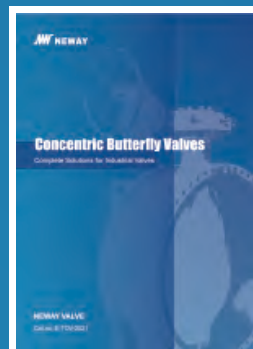
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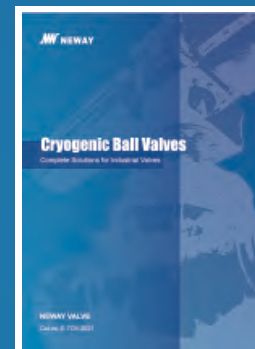
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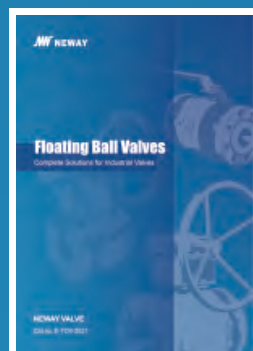
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Cat.no.:E-FBV



Cat.no.:E-TMBV



Cat.no.:E-MSBV



NEWAY VALVE (SUZHOU) CO., LTD.

No.666 Taishan Road, Suzhou New District, P.R. China

Post Code: 215129

Tel: 86-512-666-15637

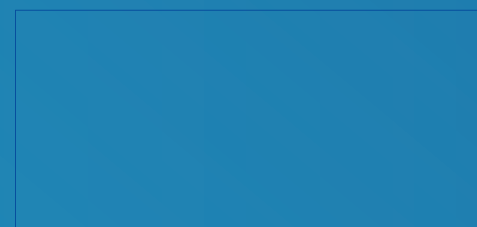
E-mail: overseas.sales@neway.com.cn

www.newayvalve.com



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Power Plant Valves

Complete Solutions for Industrial Valves

NEWAY VALVE

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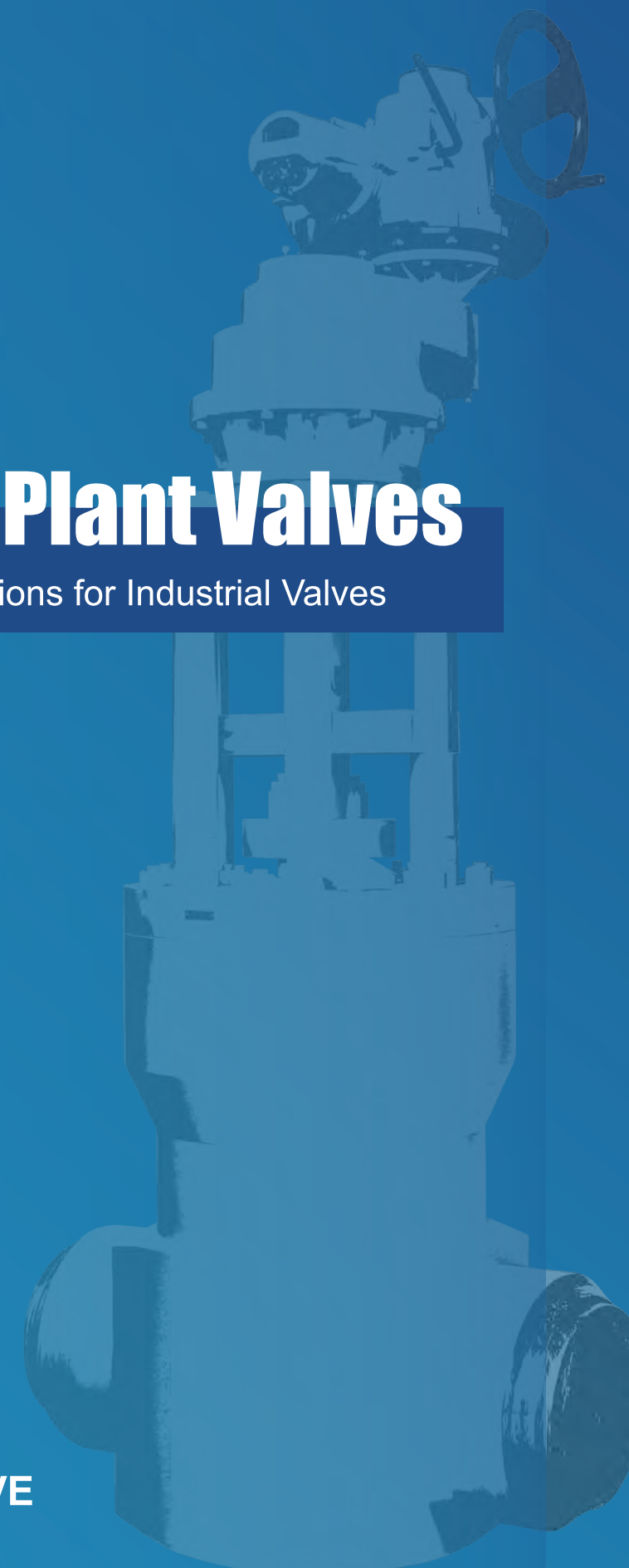


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Complete Solutions for Industrial Valves

As a global leader of valve manufacturing, Neway (SSE:603699) is dedicated to the production, research, and development of industrial valves. Neway is committed to providing complete valve solutions to all industries through advanced engineering and innovation.

Neway's product line includes Ball, Gate, Globe, Check, Butterfly, Nuclear, Control, Subsea, Safety valves. Our high quality standards and innovative ability are recognized by many global end users and EPCs. Neway valves are utilized in a wide variety of industries and working conditions such as Gas, Oil, Refining, Chemical, Coal Chemical, Offshore, FPSO, Air Separation, LNG, Power Plant and Pipeline Transmission applications.

Facilities & Service

Neway has developed a sophisticated multi-plant management system operating two valve assembly plants for GGC/ball/Butterfly/Nuclear valves, one API 6A valve plant, one safety valve plant, four casting & forging plants, and three R&D centers. Our largest assembly plant was expanded in 2013, and it covers 230,000 square meters.

Advanced software (ANSYS, FE-Safe, CF-Design, Siemens PLM and NX) is applied here at Neway for the Research & Development of products. We use SPA&MES to control the traceability and status of all products during the manufacturing process. In order to ensure the safety, reliability, and environmental compliance of our products, we use advanced testing equipments for fire safe, cryogenic, high pressure, and fugitive emission performance verification.

As part of Neway's global strategy and to better serve our customers, we have established our overseas subsidiaries in the USA, the Netherlands, Italy, Singapore, Dubai, Nigeria, Vietnam, Malaysia, Qatar, and Saudi Arabia, along with over 80 agents and distributors worldwide.

High Quality, High Value

Neway is dedicated to continuous improvement. We maintain a quality management system that encompasses our entire operation from order entry to final inspection. Through continuous efforts, Neway's products have successfully obtained industry certifications, including ASME UV & NB, NBBI, KGS, CE, CCS and BV approvals.

Quality Commitment

Neway recognizes the importance of valve quality for the safety and protection of personnel health and property. It is our quality commitment to focus our resources to provide our customers with first class products at a competitive price, that are designed, manufactured, inspected and tested in accordance with our customer's specifications and that comply with all international standards.

With respect to the facts that the current industrial standards do not always take into consideration the likelihood and consequences of possible deterioration in service, related to specific service fluids or the external environment in which they operate. Our customers are requested to keep an open line of communication with our engineering department to identify and implement standards, that will provide valves with the possibility of deterioration in service, so as to ensure safety over the valves expected lifetime.





High Pressure Gate Valve, Globe Valve, Check Valve and Stop Check Valve

Product range

Size	2"~36" (DN50~DN900)
Pressure rating	CLASS 300~CLASS 4500 (PN50~PN760)
Body material	WCB / WC6 / WC9 / C12A / CF3M / CF8M A105 / F11 / F22 / F36 / F91 / F92 / F304 / F304L / F304H / F316 / F316L / F316H / F321 / F347
End connection	Butt-weld, flange
Operation	Handwheel, Gearbox, Pneumatic, Hydraulic, Electric,etc.
Structure	Parallel slide
Typical Application	Conventional thermal power plant

Design Features

- Class 300 ~ 600 versions adopt bolted bonnet construction.
- Class 900 ~ 4500 versions adopt pressure-seal bonnet construction.
- This parallel slide gate valve relies on fluid medium pressure to achieve tight shutoff; sealing performance improves as working pressure rises.
- Guided block design: The guide block prevents stem rotation, clearly marks open/closed positions, precisely controls valve stroke, and delivers stable valve operation.
- Interchangeable wedge assembly enables convenient online maintenance and replacement.
- Disc and seat sealing faces are hardfaced with wear-resistant alloy materials, providing outstanding abrasion resistance and extended service life.
- Optional body tapping or bypass valve structures are available upon customer request. These features eliminate cavity pressure buildup after valve closure, which would otherwise cause wedge expansion, raise breakaway torque and hinder valve opening.



Parallel Slide Gate Valve

Product range

Size	2" ~ 36"(DN50 ~ DN900)
Pressure rating	CLASS 900~CLASS 4500 (PN150~PN760)
Body material	WCB / WC6 / WC9 / C12A / CF3M / CF8M A105 / F11 / F22 / F36 / F91 / F92 / F304 / F304L / F304H / F316 / F316L / F316H / F321 / F347
End connection	Butt-weld
Operation	Handwheel, Gearbox, Pneumatic, Hydraulic, Electric,etc.
Typical Application	Conventional thermal power plant

Design Features

- Outstanding resistance to high temperature and high pressure, making them uniquely suited for extreme service conditions with irreplaceable application value.
- Adopts cavity self-pressure sealing structure: sealing performance improves automatically as operating pressure rises.
- Valve bodies are manufactured via three-way closed-die forging (multi-directional precision forging). This process delivers compact internal grain structure and excellent comprehensive mechanical properties.
- An optional bypass valve equalizes upstream and downstream pressure across the main valve, enabling easy pipeline preheating during system startup and shutdown.



Extraction Check Valve

Product range

Size	6" ~40" (DN150~DN1000)
Pressure rating	CLASS 150~CLASS 2500 (PN20~PN420)
Body material	WCB / WC6 / WC9 / C12A / CF3M / CF8M A105 / F11 / F22 / F36 / F91 / F92 / F304 / F304L / F304H / F316 / F316L / F316H / F321 / F347
End connection	Butt-weld, flange
Operation	Pneumatic actuator
Structure	Check valve
Typical Application	Conventional thermal power plant

Design Features

- The hardfaced sealing surface delivers excellent impact and erosion resistance, significantly extending the valve's service life.
- The disc achieves ultra-fast closing (≤ 1 second), effectively preventing backflow damage to the steam turbine.
- A cooling plate is fitted to the exterior of the yoke to ensure the pneumatic actuator operates at temperatures below 80 °C.
- Mounting bosses are arranged on both sides of the valve body. The pneumatic actuator can be installed on either side, offering great flexibility for power plant piping layouts.
- An integrated stop cage inside the valve body effectively restricts pin displacement.

Product range

Size	1/2"~60"(DN15~DN1500)
Pressure rating	CLASS 150~CLASS 2500 (PN20~PN420)
Body material	Carbon Steel, Stainless Steel, Alloy Steel
End connection	Butt-weld, flange
Operation	Pneumatic actuator
Structure	Ball valve
Typical application	Conventional thermal power plant

Design Features

- Quarter-turn fast shutoff design with spring-return pneumatic actuation, achieving full closure in 1–3 seconds for emergency isolation.
- Fail-safe function: automatically closes on air or power loss to protect power plant equipment and piping systems.
- Optional metal hard seal or soft seal for high-temperature steam, feedwater, fuel oil and gas services; API 607 fire-safe certified.
- Anti-static, blow-out proof stem design ensures safe operation with flammable media.
- Compatible with DCS/ESD control systems, supporting remote automatic emergency shutdown.



Emergency Shut Down Valves (ESDV)



V-type Control Ball Valve

Product range

Size	1"~24"(DN15~DN600)
Pressure rating	CLASS 150~CLASS 2500(PN20~PN420)
Body material	Carbon Steel, Stainless Steel, Duplex Steel
Flow characteristic	Equal percent
Operation	Pneumatic, Electric
Leakage Class	FCI 70-2 IV,V,VI
Typical Application	Geothermal power plant

Design Features

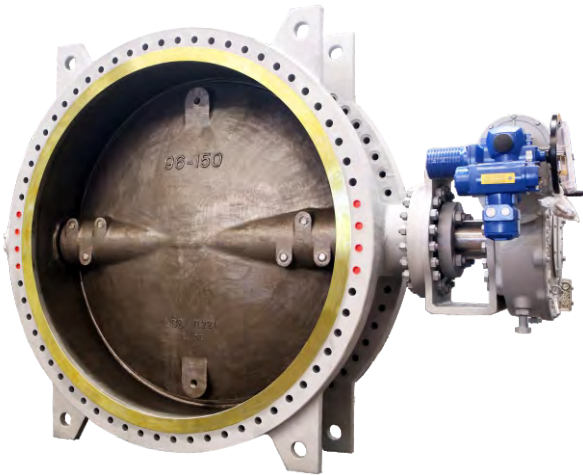
- One-piece body construction eliminates potential external leakage points inherent to flanged split-body valve designs.
- Straight-through flow path delivers low flow resistance and high flow capacity.
- Superior sealing performance: Metal-to-metal sealing achieves Leakage Class IV per GB/T 4213, while soft seat sealing meets Leakage Class VI per GB/T 4213.
- 90° rotational stroke enables fast opening and closing. The precision V-port design provides an inherent equal percentage flow characteristic and creates a strong shearing effect, making the valve ideal for regulating media containing fibers and fine particulates.
- Compact overall structure simplifies on-site maintenance. Its small footprint and light weight support installation in any mounting orientation.
- The valve features high reliability, a clean machined appearance, comprehensive functionality and suitability for a wide range of industrial applications.

Product range

Size	3"~120" (DN80~DN3000)
Pressure rating	CLASS 150~CLASS 600 (PN20~PN110)
Body material	WCB / WC6 / WC9 / C12A / CF3M / CF8M
End connection	Wafer, lug, double flange, BW
Operation	Handwheel, Gearbox, Pneumatic, Hydraulic, Electric,etc.
Structure	High-performance triple offset butterfly valve
Typical Application	Conventional thermal power plant

Design Features

- Dual safety blow-out proof stem design ensures safe and reliable long-term operation.
- Interchangeable seal rings simplify on-site maintenance procedures and reduce overall service costs.
- Superior bidirectional sealing performance fully meets the requirements of harsh, demanding operating conditions.
- All-metal sealing structure delivers inherent fire-safe performance, certified to the API 607 fire-safe standard.
- Certified to ISO 15848 for low fugitive emission performance.
- Wide operating temperature range covers ambient to high-temperature services. Temperature fluctuations have minimal impact on operating torque.
- Ultra-short stroke enables full closure within just 3 seconds, making it ideal for pneumatic actuation systems requiring rapid shutoff.



Triple Offset Butterfly Valve

Product range

Size	2"~30" (DN50~DN750)
Pressure rating	CLASS 300~CLASS 4500 (PN50~PN760)
Body material	WCB / WC6 / WC9 / C12A / CF3M / CF8M A105 / F11 / F22 / F36 / F91 / F92 / F304 / F304L / F304H / F316 / F316L / F316H / F321 / F347
End connection	Butt-weld, flange
Operation	Handwheel, Gearbox, Pneumatic, Hydraulic, Electric,etc.
Structure	Expanding disc
Typical Application	Geothermal power plant

Design Features

- This expanding full bore gate valve features a unique expandable wedge structure, delivering reliable sealing performance under both high and low pressure, making it ideal for high-temperature and high-pressure working conditions.
- Bidirectional sealing & full bore design in full compliance with API 6D standard; the flow passage supports pigging ball cleaning.
- The gate sealing face separates fully from the seat surface during opening and closing strokes, minimizing abrasion, protecting sealing surfaces and extending service life.
- Installation orientation is unrestricted; the valve can be mounted horizontally, vertically or at any arbitrary pipeline angle.
- An emergency sealant injection port is integrated on the valve body. If the gate sealing surface gets damaged, sealant can be injected on-site to stop leakage. The gate is also easy to remove, repair and replace.
- Fire-safe construction certified per API 607.



Molten Salt Valve, DIN Valve and Cryogenic Valve



Expanding Through Conduit Gate Valve

Product range

Size	1/2"~24" (DN15~DN600)
Pressure rating	CLASS 150~CLASS 600 (PN20~PN110)
Body material	A105 / F11 / F22 / F36 / F91 / F92 / F304 / F304L / F304H / F316 / F316L / F316H / F321 / F347 / EN Material
End connection	Butt-weld, socket-weld, threaded
Operation	Handwheel, Gearbox, Pneumatic, Hydraulic, Electric,etc.
Typical Application	Concentrated solar power, Energy Storage, Offshore wind farm substation

Design feature

- Specially engineered for solar tower, parabolic trough and linear Fresnel CSP plants, these molten salt valves are designed to handle high-temperature heat transfer salts (nitrate salts, chloride salts) under repeated daily thermal cycling. They serve critical functions in solar field heat collection, cold/hot salt tank circulation, heat exchange and power generation loops, delivering reliable tight shutoff and stable performance under extreme temperature swings and long-term continuous operation.
- DIN standard industrial valves are designed, manufactured and tested in full compliance with German DIN norms and harmonized European EN standards. The product portfolio covers gate valves, globe valves, check valves, butterfly valves, ball valves and pipeline strainers, serving water & wastewater, district heating ,thermal power and offshore wind farm. With fully standardized dimensions, material grades and interface specifications, DIN valves deliver universal interchangeability and seamless compatibility with European-standard piping systems.
- Cryogenic valves engineered for liquid air energy storage systems are purpose-built to handle liquefied air at temperatures as low as -196°C across charging, storage and discharging loops. Deployed in cold box process lines, liquid air storage tanks, cryogenic pumps, heat exchangers and safety relief circuits, these valves are designed and tested in full compliance with BS 6364 and ASME B16.34 standards, delivering reliable zero-leakage performance, thermal cycle durability and safe operation under repeated cryogenic-to-ambient temperature transitions.

Product range

Size	1/2"~20"(DN15~DN500)
Pressure rating	CLASS 150~CLASS 2500(PN20~PN420)
Body material	WCB / WC6 / WC9 / C12A / CF3M / CF8M A105 / F11 / F22 / F36 / F91 / F92 / F304 / F304L / F304H / F316 / F316L / F316H / F321 / F347
End connection	Butt-weld, flange
Operation	Pneumatic, electric (manual available)
Structure	Porous sleeve
Typical Application	Conventional thermal power plant

Design Features

- Cage configurations are graded to match different pressure classes, with a full range of interchangeable trim options available.
- Balanced plug structure enables the valve to operate reliably under high differential pressure conditions.
- Delivers low-noise operation, excellent cavitation resistance and outstanding high differential pressure endurance.
- Superior regulating capability with high-precision flow control performance.
- Angled plug and seat sealing surfaces form a linear contact seal, achieving dependable bubble-tight shutoff.
- Multi-stage cage design shields the valve seat from direct erosion by high-velocity process media.
- Stellite hardfacing is applied to sealing surfaces for enhanced erosion and abrasion resistance, ensuring long-term stable sealing performance.
- Piston actuator configuration supports consistent valve operation under high differential pressure.
- Quick-disassembly seat design with a simplified structure facilitates convenient assembly and on-site maintenance.



Sleeve Type Control Valve



Single Seat Control Valve

Product range

Size	3/4" ~16" (DN20~DN400)
Pressure rating	CLASS 150~CLASS 2500 (PN20-PN420)
Body material	WCB / WC6 / WC9 / C12A / CF3M / CF8M A105 / F11 / F22 / F36 / F91 / F92 / F304 / F304L / F304H / F316 / F316L / F316H / F321 / F347
End connection	Butt-weld, flange
Operation	Pneumatic, electric (manual available)
Structure	Single seat plunger or cage guiding
Typical Application	Conventional thermal power plant

Design Features

- S-shaped streamlined flow path with uniform cross-section delivers low flow resistance and high flow capacity.
- Integral plug-stem assembly eliminates reliability issues associated with welded or pinned connections.
- Small-size valves adopt a top-guided trim design, featuring compact structure, smooth flow passage and clog-free operation.
- Large-size valves are equipped with a clamp ring guide for simple, robust construction that prevents plug misalignment and simplifies installation, disassembly and maintenance.
- Wide adjustable control range with high regulation accuracy.
- Pneumatic actuation options include multi-spring diaphragm actuators and double-acting piston actuators, both with compact footprint and high output force.
- Electric linear actuators are also available, featuring an integral design and robust actuation performance.
- Suitable for flow control of a wide range of fluid media.



Bonnetless Forged Valve

Product range

Size	1/2"~2-1/2" (DN15~DN65)
Pressure rating	CLASS 1500~CLASS 4500 (PN250~PN760)
Body material	A105 / F11 / F22 / F36 / F91 / F92 / F304 / F304L / F304H / F316 / F316L / F316H / F321 / F347
End connection	Butt-weld, socket-weld, threaded
Operation	Handwheel, Gearbox, Pneumatic, Hydraulic, Electric,etc.
Structure	Bonnetless precision forging
Typical Application	Conventional thermal power plant

Design Features

- This expanding full bore gate valve features a unique expandable wedge structure, delivering reliable sealing performance under both high and low pressure, making it ideal for high-temperature and high-pressure working conditions.
- Bidirectional sealing & full bore design in full compliance with API 6D standard; the flow passage supports pigging ball cleaning.
- The gate sealing face separates fully from the seat surface during opening and closing strokes, minimizing abrasion, protecting sealing surfaces and extending service life.
- Installation orientation is unrestricted; the valve can be mounted horizontally, vertically or at any arbitrary pipeline angle.
- An emergency sealant injection port is integrated on the valve body. If the gate sealing surface gets damaged, sealant can be injected on-site to stop leakage. The gate is also easy to remove, repair and replace.
- Fire-safe construction certified per API 607.

Product range

Size	1-1/2"~6" (DN40~DN150)
Pressure rating	CLASS 300~CLASS 2500 (PN50~PN420)
Body material	WCB / WC6 / WC9 / C12A / CF3M / CF8M A105 / F11 / F22 / F36 / F91 / F92 / F304 / F304L / F304H / F316 / F316L / F316H / F321 / F347
End connection	Butt-weld, flange
Operation	Spring automatic opening
Structure	Spring
Typical Application	Conventional thermal power plant, Geothermal power plant

Design Features

- The valve adopts a cage-type structure. While maintaining full structural strength, the design enables sufficient convective heat dissipation between the internal spring and ambient air, lowering spring operating temperature and ensuring stable spring stiffness.
- The guide sleeve features a labyrinth configuration. After valve opening, air pressure in the structural chamber is regulated to build up high pressure that drives the disc to close rapidly, meeting strict requirements for opening-closing differential pressure (blowdown).
- The flexible disc structure absorbs high-temperature thermal deformation and enhances sealing performance. Meanwhile, the seat retainer is oriented to rotate opposite to the disc opening direction, generating a recoil force during actuation that allows the safety valve to pop open rapidly and reach full lifting height.



Main Steam Safety Valve



Axial Flow Check Valve

Typical Project	Nuclear Safety Grade 1 Axial Flow Check Valve	
Typical Size	DN200 2100LB	DN250 2100LB
Production Capability	DN50~DN600	150LB~2500LB
Project Name	Units 1 and 2 of Lufeng Nuclear Power Plant Xudabao Nuclear Power Plant Phase I Project	

Function

The valve remains normally open under normal operating conditions; When a loss of coolant accident (LOCA) occurs in the upstream pipeline of the core makeup tank (CMT), the valve can prevent the injection flow from the safety injection tank (ACC) from flowing back to the CMT, thereby alleviating the accident;

When the injection of the safety injection tank ACC is completed, the valve can be opened again to allow the core replenishment tank CMT to be put back into operation and provide a pathway for CMT injection into the core.

Typical Project	RCP serious accident pressure relief valve	
Typical Size	DN150	1750LB
Production Capability	DN50~DN600	150LB~2500LB
Project Name	Units 5 and 6 of Lufeng Nuclear Power Plant Units 5 and 6 of Ningde Nuclear Power Plant Units 3 and 4 of San'ao Nuclear Power Plant Units 1 and 2 of Zhaoyuan Nuclear Power Plant	

Function

The serious accident pressure relief valve is used to perform the pressure relief function of the next circuit under serious accidents, avoiding high-pressure melting of the core.

When a serious accident occurs, the RCP serious accident relief valve is activated to perform the pressure reduction function of the reactor coolant system (RCP). After the valve is started, it remains open and does not require any operation to open or close the valve.



RCP Serious Accident Pressure Relief Valve



ARE System Isolation Valve

Typical Project	Nuclear Design Quality Class 1,2,3 Manual Shut-off Valve	
Typical Size	DN8~DN50	150LB~2100LB
Production Capability	DN8~DN50	150LB~2500LB
Project Name	UK Hinkley Point C Nuclear Power Plant	

Function

A nuclear safety grade packing and bellows globe valve that meets the French RCC-M standard and the German KTA nuclear power standard; Under the third-party supervision of TUV South Germany, we have obtained production and manufacturing qualifications in accordance with the European NPE; Neway's first nuclear safety grade valve order applied to foreign nuclear power plants responds to the country's "going global" strategy, better combining the introduction and going global, and achieving the goal of mutual benefit and win-win.



Manual Shut-off Valve



Electric Operated Shut-off Valve

Typical Project	Nuclear Safety Grade Electric Wedge Gate Valve (ARE main isolation valve)	
Typical Size	DN450, 900LB	
Production Capability	DN50~DN600	150LB~2500LB
Project Name	Units 3 and 4 of Fangchenggang Nuclear Power Plant Units 1 and 2 of Lufeng Nuclear Power Plant Units 5 and 6 of Lufeng Nuclear Power Plant Units 3 and 4 of San'ao Nuclear Power Plant Units 1 and 2 of Zhaoyuan Nuclear Power Plant	

Function

Each main feedwater pipeline is equipped with an ARE main isolation valve located between the full load isolation valve and the main feedwater check valve.

Under normal operation of the unit, MIV does not need to be activated and remains in the open state. Under accident conditions, MIV

To achieve complete isolation of the main water supply pipeline.

In addition, MIV must be able to be manually shut down by the operator in special operating conditions where the power source is completely lost

Typical Project	Nuclear Safety Grade Large-diameter Shut-off Valve	
Typical Size	DN100~DN400	150LB~2500LB
Production Capability	DN50~DN600	150LB~2500LB
Project Name	Units 5 and 6 of Ningde Nuclear Power Plant Units 5 and 6 of Fangchenggang Nuclear Power Plant Units 3 and 4 of San'ao Nuclear Power Plant Units 3 and 4 of Taishan Nuclear Power Plant	

Function

Nuclear safety grade large-diameter globe valve that meets the technical requirements of Hualong No.1



Parallel Slide Gate Valve

Typical Project	Nuclear Safety Grade Parallel Slide Gate Valve with Wedge Block	
Typical Size	DN80~DN500	150LB~1500LB
Production Capability	DN50~DN750	150LB~2500LB
Project Name	Units 1 and 2 of Zhangzhou Nuclear Power Plant	

Function

The prototype of the nuclear safety grade double gate parallel seat gate valve adopts a wedge-shaped parallel double gate structure. During the opening and closing process of the gate assembly, the relative displacement between the main and auxiliary gate frames is used to achieve contact and separation between the gate and the valve seat seal, reducing the friction of the sealing pair and further improving the service life of the valve

Typical Project	Nuclear Safety Grade Sump Gate Valve	
Typical Size	Nuclear Safety Grade 2	DN400, 300LB
Production Capability	DN50~DN750	150LB~2500LB
Project Name	Units 3 and 4 of San'ao Nuclear Power Plant Units 1 and 2 of Zhaoyuan Nuclear Power Plant	

Function

The sump gate valve is the water intake isolation valve at the inlet of the Safety Injection System (RIS) pump. It is normally open during normal operation. After an accident, when its own train of RIS fails, it closes to perform the containment isolation function.



Sump Gate Valve

Typical Project	Safety Related Manual Ball and Butterfly Valve	
Typical Size	DN25~DN400	150LB~300LB
Production Capability	DN50~DN750	150LB~2500LB
Project Name	ITER Organization International Nuclear Fusion Laboratory	

Function

Nuclear-grade low-permeability stainless steel construction, irradiation and tritium resistant, with zero magnetic interference to tokamak operation.

Ultra-high vacuum metal sealing design, helium leak tested to $\leq 1 \times 10^{-9}$ Pa·m³/s for zero-leakage performance.

Seismic-qualified electric/pneumatic actuators with remote control capability, suitable for radiation zone operation.

Low-ferrite nuclear-grade materials, anti-magnetic and radiation-resistant for fusion reactor environments.

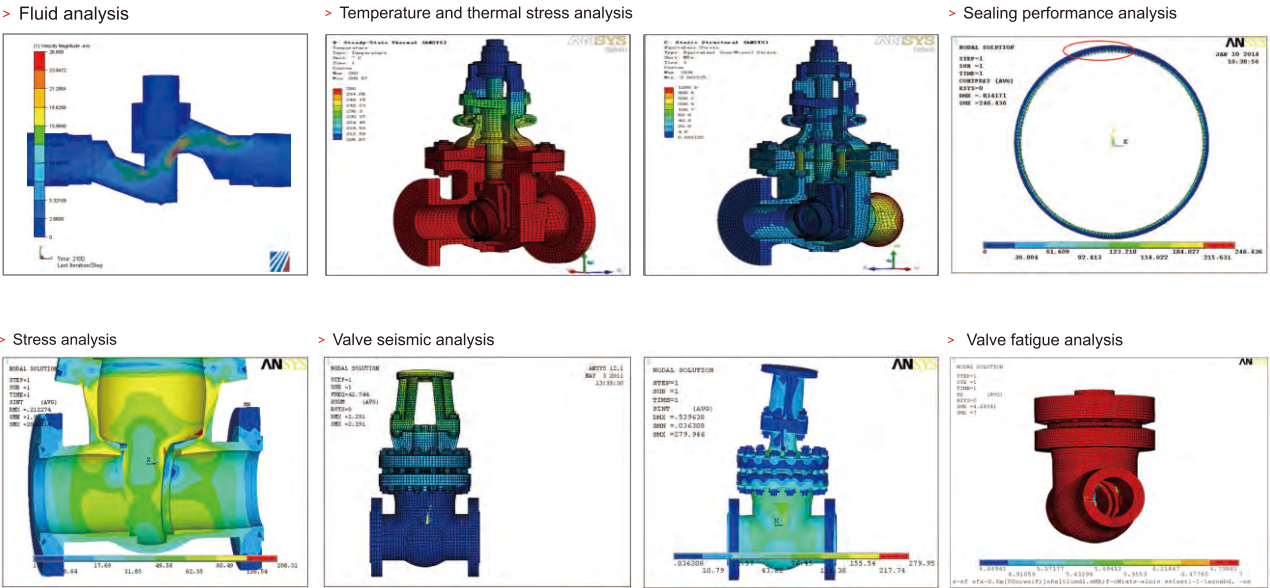


Ball and Butterfly Valve

Advanced Methods and Software

Innovation design process & Simulation-driven design

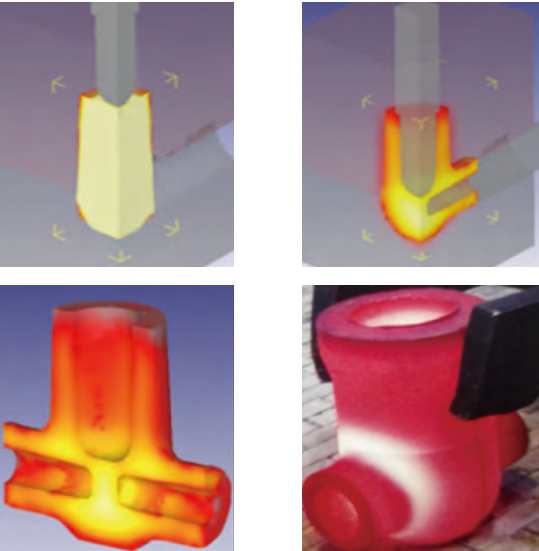
CAE analysis tools, including ANSYS, FE-safe, CF-Design and FLUENT. In valve conceptual design phase, the simulation analysis for fluid, stress, temperature, thermal stress, sealing performance, seismics and fatigue, was performed to ensure superior performance and reliable quality.



Three-Way Hollow Forging Technology

Three-Way Hollow Forging Technology

Better Material Properties by More Compact Metallographic Structure



Nuclear Valve Qualification Test System

This nuclear valve qualification test system is engineered to meet the full functional qualification requirements for check valves and on-off valves deployed in nuclear power plants, covering mainstream reactor types including Hualong One (HPR1000), AP1000, CAP1400 and EPR. All qualification tests are performed under simulated operating conditions of nuclear power stations. Test items for on-off valves include seismic qualification, service life testing, thermal cycle testing and cold-hot alternating testing. Flow interruption testing is conducted for both on-off valves and check valves to verify their performance under transient flow conditions.



Neway is committed to providing customers with "zero defects" valve products. Six sigma quality management implemented by the firm, through the use of advanced data statistical analysis, continuously improves the process management capability. Meanwhile, procedure research department is set up to refine the valve production process. It has developed a full set of cutting-edge equipment for inspection and testing to control the quality from the rough casting or forging to finished products. The facilities can be used in radiographic inspection, magnetic particle inspection, ultrasonic inspection, spectroscopic analysis, positive material identification (PMI), impact testing, tensile testing, hardness testing, fire safe test, cryogenic testing, high temperature testing, vacuum testing, fugitive emission testing, high-pressure gas testing and conventional hydrostatic test, etc.

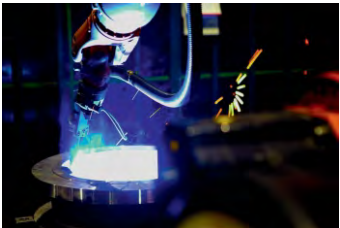
Corporate Management



Production field



Hot-wire TIG Automatic Cladding System



Robotic Welding Arm



Advanced Warehouse Systems



Clean Room

Raw material control



Chemical Analysis before Pouring



SEM & EDS Scanning Electron Microscope & Energy Dispersive Spectrometer



NHO Analyzer



DR



Impact Test (Min. test Temp: -196°C)



RT



Micro-structure Analysis



Chlorine Determination Device

Process control



Coordinate Measuring Machine



Hardness Test



PMI



Constant Temperature and Humidity Test Chamber



Paint Thickness Test



Provincial Level Test Lab

Product verification test



High Temperature Test



Low Fugitive Emission Test



Hydrostatic Test



High-pressure Gas Test



Valve Life Test



Flow Resistance Test