



PRODUCT SUMMARY

江苏神通阀门股份有限公司
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About Shentong

Jiangsu Shentong Valve Co., Ltd. specializes in the research, development, production and sales of industrial valves, including butterfly valves, ball valves, GGC valves and other special valves. Our products are widely applied in metallurgy, nuclear power, energy & petrochemical, offshore oil & gas and many other fields.

Jiangsu Shentong is committed to advancing the national industrial sector and aims to become a world-class enterprise. We vigorously implement strategies centered on innovation, quality enhancement, and technological advancement. We have built a provincial-level key laboratory, a provincial-level technical center and a national post-doctoral research station. We have a high-quality technical research and development team with rich experience in designing special valves, including 5 researchers-level senior engineers, 20 senior engineers and 2 experts from the Science and Technology Expert Committee of the China Valve Association. We have fully strengthened our cooperation with scientific research institutes, vigorously developing high-performance special valves with independent intellectual property rights in nuclear power, petrochemical, energy and environmental protection systems, and giving full play to our own advantages to seize the commanding heights of competition.

The large-diameter seawater butterfly valves developed by Jiangsu Shentong feature low flow resistance, high material strength, and resistance to chloride ion corrosion. They have been widely used in seawater pipelines of Zhejiang Petrochemical, Sinopec, and CNOOC LNG receiving stations. In overseas markets, we have successfully involved in the FPSO P82 project of Petrobras with Seatrium for butterfly valves. We will continually innovate and refresh our products, leverage new technologies, processes, and materials to constantly develop new products and further expand our applications in the offshore oil & gas market.

 Plant Area
250,000 m²

 Founded in
1966

 Located in
Jiangsu Nantong

 Core Business
Industrial Valves:
Ball, Butterfly, GGC, etc.

 2010
Listed on SZSE

 Employee
1500+

 Revenue of 2024
\$ 303 Million



About Shentong

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Factory Overview

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Product Range

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Core Products

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Partnership

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Factory Overview



Base No.3 Valve for Offshore, Oil & Petroleum refining, Metallurgy, LNG、Chemicals, etc.
Land area: 116,812 m²



Nuclear Valve Base Nuclear Ball, Butterfly, GGC Valves
Land area: 98,292 m²



STV HEADOFFICE & New energy valve base
Pipe/Valve for Hydrogen, Military and special scenes
Land area: 34,167.5 m²

01

Foundry

Valve casting plays a fundamental role in product quality. Shentong has established its own foundry and special material research center, which has provided a reliable guarantee for Shentong Valve in terms of quality, delivery time and price.



	Precision casting		Sand casting	
Process	Silica sol lost wax casting		Alkaline phenolic resinsand casting	
Diameter (in)	1/3 " ~ 24"		4 " ~ 88"	
Weight (kg)	0.2 ~100		20 ~ 3500	
Rating	ASME CLASS 150 ~ 300		ASME CLASS 150 ~ 600	
Material	WCB, WCC, WC6, WC9, 20MN5M, Z3CN20-09, Z3CND19-10M, CF8, CF3, CF3M, CF8M, 5A, ZSAF2507, ZSAF2205, etc.			
Production	50T/Month		150T/month	
Certificates	ISO9001	ISO14001	ISO45001	EN10204

02

Intelligent Manufacturing

Shentong has a large number of advanced machining centers, CNC machine tools, large vertical lathes and other machining equipment. The application of advanced ERP system in the production process has greatly improved the integrated management and production efficiency of manufacturing resources.



03

Quality Control

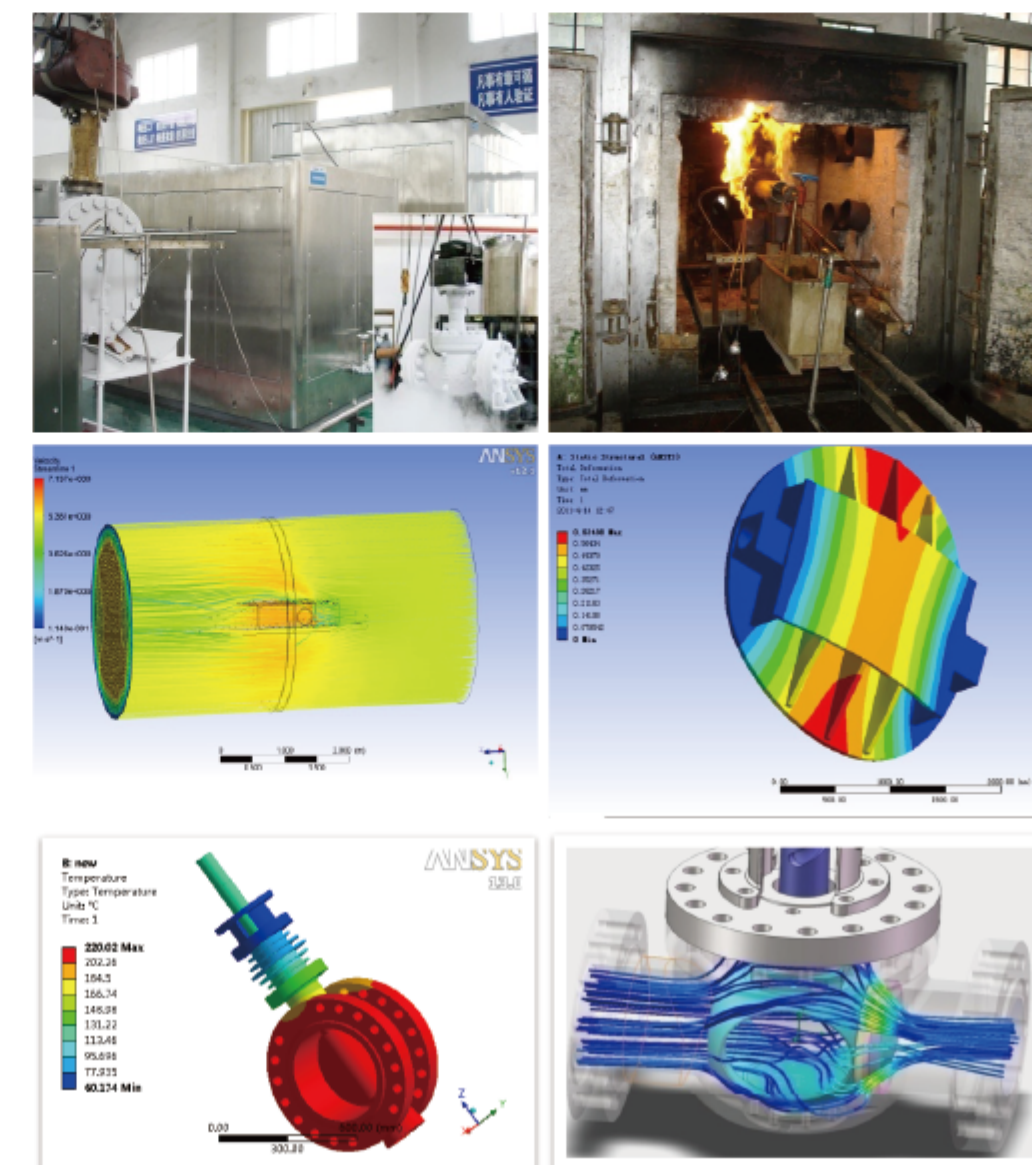
Shentong has a professional valve inspection and testing center, which has the capabilities of chemical and mechanical testing, non-destructive testing, physical property testing, etc. The valve type testing machine, valve life testing machine, valve torque test bench and other testing equipment can meet the testing requirements of various performances.



04

Research & Development

Shentong has established its own technology R&D test center, equipped with advanced technology research and development methods, such as flow resistance test, ultra-low temperature test, fire test, high temperature test, etc. Shentong has also widely used advanced technologies such as ANSYS, JSCAST, and SolidWorks to simulate and optimize the design of product finalization to ensure the safety of the final product.



STV SHENTONG 2025
VALVE
Stock Code : 002438



National Center for Enterprise Technology



POSTDOCTORAL PROGRAMME



CNAS



CMA



Patents

680+



Technicians

273



Senior engineers

36



Engineers

132



Senior Workmen

125

07 System Certificates



ISO 9001



ISO 14001



ISO 45001



API Q1

STV SHENTONG 2025
Valve
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Product Range

STV SHENTONG 2025
Valve
Stock Code : 002438

Product Range		STANDARD	SIZE		RATING						BODY MATERIAL				CONNECTION		SEALING							
Temp. & Pressure	DESIGN	1/2~2"	2~3"	4~12"	12~16"	16~24"	26~48"	150	300	600	900	1500	2500	CARBON STEEL	AUSTENITE	DP STEEL	ALLUMINUM BRONZE	CAST STEEL	FLANGE	BUTT WELDING	WAFFER TYPE	LUG TYPE	SOFT SEALED	HARD SEALED
		▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲				▲
BALL VALVE	CAST STEEL FLOAT BALL VALVE (2PC)	API 608						▲	▲	▲	▲	▲	▲	▲	▲	▲			▲				▲	▲
	FORGED STEEL FLOAT BALL VALVE (2PC/3PC)	API 608	▲	▲				▲	▲	▲	▲	▲	▲	▲	▲	▲			▲				▲	▲
	CAST STEEL TRUNNION BALL VALVE (2PC)	API 608		▲	▲	▲		▲	▲	▲	▲	▲	▲	▲	▲	▲			▲				▲	▲
	FORGED STEEL TRUNNION BALL VALVE (3PC)	API 6D		▲	▲	▲		▲	▲	▲	▲	▲	▲	▲	▲	▲			▲				▲	▲
	DBB TRUNNION BALL VALVE	API 6D	▲	▲	▲			▲	▲	▲	▲	▲	▲	▲	▲	▲			▲				▲	▲
	CRYOGENIC TOP-LOADING BALL VALVE	ASME B16.34		▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲		▲			▲	▲			▲	▲
BUTTERFLY VALVE	CONCENTRIC BUTTERFLY VALVE	API609	▲	▲	▲	▲	▲	▲	▲					▲				▲	▲					
	DOUBLE OFFSET BUTTERFLY VALVE	API609	▲	▲	▲	▲	▲	▲	▲						▲				▲					
	TRIPLE OFFSET BUTTERFLY VALVE	API609		▲	▲	▲	▲	▲	▲						▲	▲			▲					
	CRYOGENIC BUTTERFLY VALVE	ASME B16.34			▲	▲	▲	▲	▲	▲	▲	▲	▲							▲				
GATE VALVE	CAST STEEL GATE VALVE	API600		▲	▲			▲	▲	▲	▲	▲	▲	▲	▲	▲			▲					
	FORGED STEEL GATE VALVE	API602	▲					▲	▲	▲	▲	▲	▲	▲	▲	▲			▲					
	CRYOGENIC GATE VALVE	ASME B16.34	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲								
GLOBE VALVE	CAST STEEL GLOBE VALVE	BS1673		▲	▲			▲	▲	▲	▲	▲	▲	▲	▲	▲			▲					
	FORGED STEEL GLOBE VALVE	API602	▲					▲	▲	▲	▲	▲	▲	▲	▲	▲			▲					
	CRYOGENIC GLOBE VALVE	ASME B16.34		▲	▲			▲	▲	▲	▲	▲	▲	▲		▲								
CHECK VALVE	LIFTING CHECK VALVE	BS1668	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲	▲	▲	▲			▲					
	SWING CHECK VALVE	BS1668	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲	▲	▲	▲			▲					
	CLAMP BUTTERFLY CHECK VALVE	API 594		▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲			▲	▲	▲			

08 Qualification Certificates & Insurance



API 6D



API 608



Nuclear Equipment
Design License



API 600



API 609



Nuclear Equipment
Manufacturing License



TS A1/A2



ABS Cer.



DNV Cer.



CCS Cer.



CE Cer.



ISO 15848



Property All Risks
Insurance



Public Liability
Insurance



Export Product
Liability Insurance



Ball Valve

Sinopec Guangzhou Engineering
 BASF (Guangdong) Integrated Project

Shenghong Petrochemical
 16 Million Tons Refining and Chemical Integrated Project

CISDI GROUP
 Green Steel Hydrogen Metallurgy Project

AVIC (Zhejiang) Engineering Technology
 Hebei Jinxi Group 1*135MW Ultra-Supercritical Gas Power Generation Project

Integrated Fluid Control Solutions Provider

STV SHENTONG VALVE 2025
 Stock Code : 002438

CAST/FORGED STEEL FLOAT BALL VALVE



Size	1/2" ~ 12"
Rating	150LB~2500LB
Body Material	Carbon steel, Austenite, DP steel
Structure	CAST:Two-chip FORGED:Two-chip, Three-chip
Sealing Type	Hard sealed, Soft sealed
Drive Mode	Manual, Electric, Pneumatic, Gearing, Hydraulic

Design	API608、ISO17292
Structure	ASME B16.10
Flange	ASME B16.5
Temp. & Pressure	ASME B16.34
Test & Inspection	API 598

Design features

- Valve seat: Elastic sealing ring structure design, better sealing reliability
- Fire-safe structure design
- Anti-blowout stem design
- Low-leakage design for the packing and stuffing box

Application

Offshore drilling platforms, FPSO (Floating Production Storage and Offloading) units

CAST/FORGED STEEL TRUNNION BALL VALVE



Size	2" ~ 24"
Rating	CAST:150LB~600LB FORGED:150LB~2500LB
Body Material	Carbon steel, Austenite, DP steel
Structure	CAST:Two-chip FORGED:Three-chip
Sealing Type	Hard sealed, Soft sealed
Drive Mode	Manual, Electric, Pneumatic, Gearing, Hydraulic

Design	API 6D、API608
Structure	API 6D、ASMEB16.10
Flange	ASME B16.5、ISO 27509
Temp. & Pressure	ASME B16.34
Test & Inspection	API598、API6D

Design features

- Fire-safe structure design
- Anti-blowout stem design
- Anti-static structure
- Low-leakage design for the packing and stuffing box
- Emergency sealant injection device
- Double block and bleed function
- Dual sealing structure design (both front and back side of the ball)

Application

Offshore drilling platforms, FPSO (Floating Production Storage and Offloading) units

DBB TRUNNION BALL VALVE



Size	1/2" ~ 12"
Rating	150LB~1500LB
Body Material	Carbon steel, Austenite, DP steel
Connection	Flange
Sealing Type	Soft sealed
Drive Mode	Manual, Electric, Pneumatic, Gearing, Hydraulic

Design	API 6D
Structure	API 6D
Flange	ASME B16.5
Temp. & Pressure	ASME B16.34
Test & Inspection	API 6D

Design features

- Fire-safe structure design
- Anti-blowout stem design
- Anti-static structure
- Low-leakage design for the packing and stuffing box

Application

Offshore drilling platforms, FPSO (Floating Production Storage and Offloading) units

CRYOGENIC UP-LOADING BALL VALVE



Size	1/2" ~ 48"
Rating	150LB~1500LB
Body Material	Austenite
Connection	Flange,Butt-welding
Sealing Type	Hard sealed, Soft sealed
Drive Mode	Manual, Electric, Pneumatic, Gearing, Hydraulic

Design	ASME B16.34、BS6364
Structure	Factory Standard
Flange	ASME B16.5
Temp. & Pressure	ASME B16.34
Test & Inspection	BS 6364、MSEC SPE77/200

Design features

- Safety extended stem and extended bonnet design
- Low-leakage packing
- Abnormal pressure relief structure

Application

Floating Liquefied Natural Gas (FLNG) vessel



Butterfly Valve

Petrobras
FPSO “N1151 (P-82)” Project

Sinopec Engineering
ExxonMobil Huizhou Ethylene Phase I Project

Wanhua Chemical Group
280,000 Tons of Polyether Polyol Plant Expansion and Renovation Project

SEDIN Engineering
3.6 Million Tons/Year Coking and Hydrogen Production Comprehensive

CONCENTRIC
BUTTERFLY VALVE



Size	2" ~ 48"
Rating	150LB
Body Material	Carbon steel, Cast steel, Aluminum bronze
Connection	Flange, Butt-welding, Lug Type
Sealing Type	Soft sealed
Drive Mode	Manual, Electric, Pneumatic, Hydraulic, Gearing

Design	API 609
Structure	API 609
Flange	ASME B16.5、ASME B16.47
Temp. & Pressure	ASME B16.34
Test & Inspection	API 598

Design features

- Compact structure, small and lightweight, with flexible operation
- Reliable sealing, capable of meeting various standards
- Excellent flow characteristics with regulating functionality
- Bidirectional installation capability

Application

Offshore drilling platforms, FPSO (Floating Production Storage and Offloading) units

DOUBLE OFFSET
BUTTERFLY VALVE



Size	2" ~ 48"
Rating	150LB~300LB
Body Material	Carbon steel, Austenite, DP steel, Aluminum bronze
Connection	Flange, Butt-welding, Lug Type
Sealing Type	Soft sealed
Drive Mode	Manual, Electric, Pneumatic, Hydraulic, Gearing

Design	API 609
Structure	API 609
Flange	ASME B16.5、ASME B16.47
Temp. & Pressure	ASME B16.34
Test & Inspection	API 598

Design features

- Compact structure, capable of bidirectional installation
- Reliable sealing performance
- Sealing ring can be located on the valve body or the butterfly plate
- Long service life of sealing surface materials

Application

Offshore drilling platforms, FPSO (Floating Production Storage and Offloading) units

TRIPLE OFFSET
BUTTERFLY VALVE



Size	2" ~ 48"
Rating	150LB~600LB
Body Material	Carbon steel, Austenite, DP steel, Aluminum bronze
Connection	Flange, Butt-welding, Lug Type
Sealing Type	Hard sealed, Soft sealed
Drive Mode	Manual, Electric, Pneumatic, Hydraulic, Gearing

Design	API 609
Structure	API 609
Flange	ASME B16.5、ASME B16.47
Temp. & Pressure	ASME B16.34
Test & Inspection	API 598

Design features

- Full metal sealing structure
- Elastic valve seat, capable of bidirectional sealing
- Friction-free opening and closing, long service life, replaceable sealing ring, easy maintenance and repair
- Torque sealing, low closing torque
- Equipped with a stem anti-blowout ring

Application

Offshore drilling platforms, FPSO (Floating Production Storage and Offloading) units

CRYOGENIC
BUTTERFLY VALVE



Size	4" ~ 48"
Rating	150LB~900LB
Body Material	Austenite
Connection	Butt-welding
Sealing Type	Hard sealed
Drive Mode	Manual, Electric, Pneumatic, Hydraulic, Gearing

Design	ASME B16.34、API 609
Structure	Factory Standard
Connection	ASME B16.25
Temp. & Pressure	ASME B16.34
Test & Inspection	API 598、BS 6364、MSEC SPE77/200

Design features

- Axial limit structure for the butterfly plate
- Electrostatic conductive structure
- Bottom cover connection structure to prevent jamming
- Sealing structure between the maintenance hatch bonnet and valve body, enhancing sealing reliability

Application

Floating Liquefied Natural Gas (FLNG) vessel

Rubber Lining Seawater Butterfly Valve



Size	2" - 48"
Rating	150LB
Body Material	Carbon steel, cast iron, aluminum bronze
Connection	Flange type, wafer type
Sealing Type	Soft sealing
Drive Mode	Manual, Gearing, Electrical

Design	ASME B16.34
Structure	ASME B16.10
Flange	ASME B16.5, ASME B16.47
Temp. & Pressure	ASME B16.34
Test & Inspection	API 598

Design Features

- The butterfly valve and valve shaft are made of super duplex stainless steel. Its high chromium, molybdenum, and nickel content ensures high resistance to pitting, crevice corrosion, and general corrosion, as well as excellent resistance to seawater and chloride corrosion.
- The butterfly disc and valve shaft are connected by a mortise and tenon or spline connection, minimizing potential leakage.
- The valve seat is made of a special wear-resistant rubber with excellent seawater corrosion resistance.
- This valve provides bidirectional sealing. The valve can be installed in any position regardless of the flow direction or spatial location of the medium.

Application

Power plant circulating water supply system



Eccentric Seawater Butterfly Valve



Size	Wafer type: 8" - 80" Flange type: 8" - 160"
Rating	150LB
Body Material	Carbon steel, cast iron, aluminum bronze
Connection	Flange type, Wafer type
Sealing Type	Soft sealing
Drive Mode	Manual, Gearing, Electrical

Design	ASME B16.34
Structure	ASME B16.10
Flange	ASME B16.5, ASME B16.47
Temp. & Pressure	ASME B16.34
Test & Inspection	API 598

Design Features

- The valve's wetted surface is coated with neoprene or ceramic to isolate it from corrosive media.
- The butterfly disc and valve shaft are connected via a mortise and tenon or spline connection, minimizing potential leakage.
- The valve seat is made of SAF2507 duplex stainless steel or stainless steel with a hard alloy overlay.
- The eccentric design ensures flexible opening and closing.
- The seal can be replaced online without disassembling the valve (no system downtime required for maintenance).

Application

Power plant circulating water supply system



Seawater Butterfly Valve Supply Reference List

No.	User Name	Project Name	Product Name	Models	Qty	Order Date	Delivery Date
1	Sanmen Nuclear Plant	Sanmen Nuclear Plant Unit 3/4	Seawater Butterfly Valve	DN2700 HEDc942X-5C	24	2015.05	2023.8 Installed/ 4# in progress
2	National Nuclear Demonstration	National Nuclear Demonstration Unit 1/2	Seawater Butterfly Valve	DN2700 HEDC942X-6Q5HY	24	2014.05	2022.5/ Delivered
3	Xu Dabao Nuclear Plant	Xudabao Nuclear Plant Unit 1/2	Seawater Butterfly Valve	DN3000 HED742X-6Q	8	2016.08	In progress
4	Lianjiang Nuclear Plant	Lianjiang Nuclear Plant Unit 1/2	Seawater Butterfly Valve	DN3400 D942X-10C	8	2022.12	2024.9 /In progress
5	Lianjiang Nuclear Plant	Lianjiang Nuclear Plant Unit 1/2	Seawater Butterfly Valve	DN3000 D742X-6C	8	2023.04	2024.9 /In progress
6	Zhangzhou Nuclear Plant	Zhangzhou Nuclear Plant Unit 1/2	Seawater Butterfly Valve	DN2800 HEDs941X-6Q	16	2017.11	2020.3 / Delivered
7	Demonstration Reactor	Demonstration Reactor Unit 1/2	Seawater Butterfly Valve	DN2000 HEDs943W-6RL	8+8	2017.11	2021.9 / Delivered
8	Tianwan Nuclear Plant	Tianwan Nuclear Plant Unit 7/8	Seawater Butterfly Valve	DN2400 HED941X-6Q	24	2020.06	7#, 2023.5 Delivered/ 8# In progress
9	Xu Dabao Nuclear Plant	Xudabao Nuclear Plant Unit 3/4	Seawater Butterfly Valve	DN2400 HED941X-6Q	24	2020.06	3#, 2023.5 Delivered/ 4# In progress
10	Zhangzhou Nuclear Plant	Zhangzhou Nuclear Plant Unit 3/4	Seawater Butterfly Valve	DN2800 HEDs941X-6C	16	2023.03	In progress
11	Green Energy	Green Energy Project Phase I	Seawater Butterfly Valve	DN3400 H4Ds942X-6C	8	2023.08	In progress
12	Sanmen Nuclear Plant	Sanmen Nuclear Plant Unit 5/6	Seawater Butterfly Valve	DN2800 HEDs941X-6C	16	2024.01	In progress

Seawater Butterfly Valve Supply Reference List

No.	User Name	Project Name	Product Name	Models	Qty	Order Date	Delivery Date
13	Jindian Project	Jindian Project Unit 1/2	Seawater Butterfly Valve	DN2800 HEDs941X-6C	16	2024.01	In progress
14	Haiyang Nuclear Plant	Haiyang Nuclear Plant Unit 1/2	Seawater Butterfly Valve	DN3000 3000DL941X-6NC	4	2024.05	In progress (Maintenance)
15	Sanmen Nuclear Power Station	Circulating Water pump outlet Seawater Butterfly Valve	Seawater Butterfly Valve	DN4100 HED941X-10C	4	2019.7.31	2011.10.31 2012.8.31
16	CNOOC Tianjin LNG Co., Ltd.	Tianjin (LNG) Project	Seawater Butterfly Valve	DN1200 CL150	1	2018.3.30	2018.4.30
17	SINOPEC LUOYANG ENGINEERING CO.,LTD	Guangxi liquefied natural gas project	Seawater Butterfly Valve	12" ~16" CL150	4	2016.3.12	2016.4.25
18	Brazil PAMPA SUL	1*345MW plant unit	Hydraulic Butterfly Valve Electrical Butterfly Valve	72" D742X-150Q 36" D942X-150Q 24" D942X-150Q 72" D942X-150Q	20	2015.11.27	2016.10.30
19	SINOPEC LUOYANG ENGINEERING CO.,LTD	Guangxi liquefied natural gas project	Seawater Butterfly Valve	2" ~12" CL150	7	2015.10.30	2014.12.20
20	Karachi Nuclear Power Plant	K-2/K-3 Circulating Water Butterfly Valve	Seawater Butterfly Valve	2800HED942X-6Q	8	2015.6.24	2017.7.30 2018.3.30
21	Sanmen Nuclear Power Station	Condenser Import and export 2.7m Seawater Butterfly Valve	Seawater Butterfly Valve	2700HEDC942X-5Q	24	2015.5.6	2016.12.30
22	PetroChina Jiangsu Liquefied Natural Gas Co., Ltd.	PetroChina Jiangsu Rudong LNG	Electrical Seawater Butterfly Valve	NPS18 Class150	1	2015.4	2015.7
23	SINOPEC LUOYANG ENGINEERING CO.,LTD	Guangxi liquefied natural gas project	Seawater Butterfly Valve	3" ~24" CL150	103	2015.3.2	2015.6.2
24	Meizhou Bay Second Power Plant	2*1000MW New Construction EPC General Contracting Project	Circulating Water Butterfly Valve	DN2800 DN900	16	2014.9.23	2015.11.15 2015.12.15



GGC Valve

China Tianchen Engineering
Lianyungang IGCC Project

Xuyang Engineering Technology
Hebei Xuyang Amino Alcohol Project

Chongqing CISDI Thermal & Environmental Engineering
Jiugang 80,000 Converter Cabinet Turnkey RH Project

Integrated Fluid Control Solutions Provider

STV SHENTONG VALVE 2025
Stock Code : 002438

CAST/FORGED STEEL GATE VALVE



Size	CAST:4" ~ 24" FORGED:1/2" ~ 3"
Rating	150LB~4500LB
Body Material	Carbon steel, Austenite, DP steel, Aluminum bronze
Connection	Flange, Welded
Sealing Type	Hard sealed
Drive Mode	Manual, Electric, Pneumatic

Design	API 600, API 602
Structure	ASME B16.10
Flange	ASME B16.5
Temp. & Pressure	ASME B16.34
Test & Inspection	API 598

Design features

- Thrust bearing design, ensuring light and flexible valve operation
- Packing made of flexible graphite material, providing reliable sealing performance
- Lifting stem design, with the stem and gate connected by a T-slot, and the T-head integrally forged

Application

Offshore drilling platforms, FPSO (Floating Production Storage and Offloading) units

CRYOGENIC GATE VALVE



Size	2" ~ 24"
Rating	150LB~2500LB
Body Material	Austenite
Connection	Flange
Sealing Type	Hard sealed, Soft sealed
Drive Mode	Manual, Electric, Pneumatic, Hydraulic

Design	BS 6364
Structure	ASME B16.10
Flange	ASME B16.5
Temp. & Pressure	ASME B16.34
Test & Inspection	API 598, BS 6364

Design features

- Safety extended stem and extended bonnet design
- Packing made of flexible graphite material, providing reliable sealing performance
- Sealing surface welded with metal material

Application

Floating Liquefied Natural Gas (FLNG) vessel

CAST/FORGED STEEL
GLOBE VALVE



Size	CAST:4" ~ 24" FORGED:1/2" ~ 3"
Rating	150LB~4500LB
Body Material	Carbon steel, Austenite, DP steel, Aluminum bronze
Connection	Flange, Welded
Sealing Type	Hard sealed
Drive Mode	Manual, Electric, Pneumatic, Hydraulic
Design	BS1873、API602
Structure	ASME B16.10
Flange	ASME B16.5
Temp. & Pressure	ASME B16.34
Test & Inspection	API598

Design features

- Thrust bearing design, ensuring light and flexible valve operation
- Two-piece gland design, preventing stem jamming
- Upper seal design for the valve

Application

Offshore drilling platforms, FPSO (Floating Production Storage and Offloading) units

CRYOGENIC
GLOBE VALVE



Size	2" ~ 24"
Rating	150LB~1500LB
Body Material	Austenite
Design	BS 6364、ASME B16.34
Structure	ASME B16.10, Factory standard
Flange	ASME B16.5
Temp. & Pressure	ASME B16.34
Test & Inspection	API 598、BS 6364

Design features

- Safety extended stem and extended bonnet design
- Packing made of flexible graphite material, providing reliable sealing performance
- Sealing surface welded with metal material

Application

Floating Liquefied Natural Gas (FLNG) vessel

LIFTING
CHECK VALVE



Size	1/2" ~ 24"
Rating	150LB~1500LB
Body Material	Carbon steel, Austenite, DP steel, Aluminum bronze
Connection	Flange
Sealing Type	Hard sealed
Design	API594
Structure	API594
Flange	ASME B16.5
Temp. & Pressure	ASME B16.34
Test & Inspection	API598

Design features

- Rapid valve disc closure, resulting in low water hammer pressure
- Short valve disc stroke, minimizing closing impact force
- Simple and compact structure, small size, and lightweight
- Long service life and high reliability

Application

Offshore drilling platforms, FPSO (Floating Production Storage and Offloading) units

SWING
CHECK VALVE



Size	1/2" ~ 24"
Rating	150LB~1500LB
Body Material	Carbon steel, Austenite, DP steel, Aluminum bronze
Connection	Flange
Sealing Type	Hard sealed
Design	ASME B16.34、BS6364
Structure	ASME B16.10, Factory standard
Flange	ASME B16.5
Temp. & Pressure	ASME B16.34
Test & Inspection	API 598、BS6364

Design features

- Quick opening and closing, noise-free operation
- Excellent sealing performance
- Low operating energy consumption
- Designed using fluid analysis software to ensure minimal flow resistance

Application

Floating Liquefied Natural Gas (FLNG) vessel

CLAMP BUTTERFLY
CHECK VALVE



Size	2" ~ 24"
Rating	150LB~2500LB
Body Material	Carbon steel, Austenite, DP steel, Aluminum bronze
Connection	Flange,Butt-welding
Sealing Type	Hard sealed

Design	BS1868
Structure	ASME B16.10
Flange	ASME B16.5
Temp. & Pressure	ASME B16.34
Test & Inspection	API 598

Design features

·Sealing surface welded with metal material

Application

Offshore drilling platforms, FPSO (Floating Production Storage and Offloading) units

CRYOGENIC
CHECK VALVE



Size	2" ~ 24"
Rating	150LB~600LB
Body Material	Austenite
Connection	Flange
Sealing Type	Soft sealed

Design	BS1868
Structure	ASME B16.10
Flange	ASME B16.5
Temp. & Pressure	ASME B16.34
Test & Inspection	API 598

Design features

- Large-diameter models feature lifting lugs for easy hoisting
- For Class 600 and above, bolted bonnet flange gaskets can adopt a pressure self-sealing structure
- High-strength precision-installed solid pins
- High-strength, high-rigidity valve disc
- Sealing surface welded with metal material/embedded with non-metallic material

Application

Offshore drilling platforms, FPSO (Floating Production Storage and Offloading) units



Partnerships

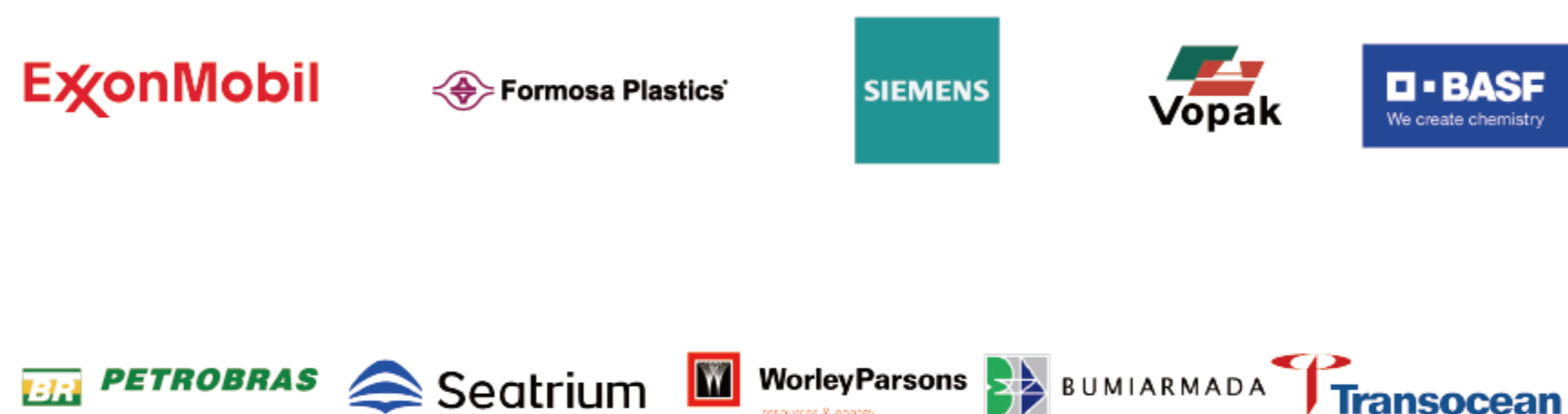
Shentong places great emphasis on its development in the global market. While catering to domestic demands, our products have been exported to countries such as Spain, Turkey, Brazil, and India, providing reliable products and technical support to overseas customers. Its comprehensive quality management system and dependable product quality have earned widespread recognition from customers worldwide.

Customers

Domestic customers



Global customers



Commitments

To better serve our customers, safeguard their legitimate rights and interests, alleviate their concerns, and establish the corporate image and brand credibility of our company, in accordance with the "Consumer Rights Protection Law" of the People's Republic of China, the "After-Sales Service Management Standards," and the company's quality policy, we hereby make the following service commitments to our customers:

Strictly organize production in accordance with ISO9001 standard.

Provide expert technical assistance for all products post-delivery.

Offer free service within 12 months from the date of product dispatch if the product fails to function normally due to manufacturing quality issues under normal storage, transportation, maintenance, and usage conditions.

Deliver prompt spare parts supply, installation, commissioning, maintenance, and personnel training tailored to customer agreements or requirements.

Propose handling suggestions within 8 hours and promptly address any quality feedback received from customers.