

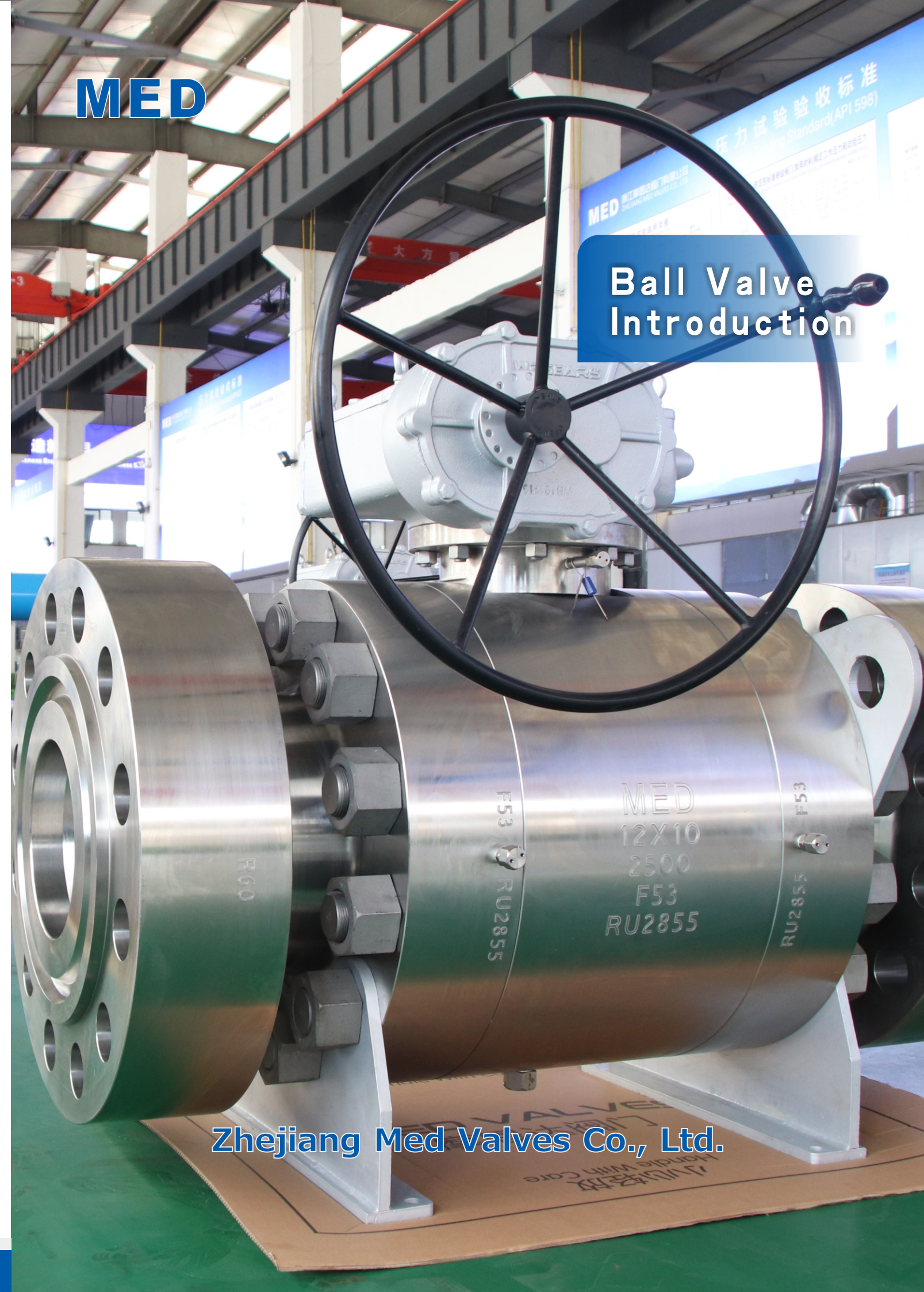
MED

Zhejiang Med Valves Co., Ltd.

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MED

Ball Valve
Introduction

Zhejiang Med Valves Co., Ltd.

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MED

INTEGRATED SOLUTIONS FOR INDUSTRIAL VALVES





Company Profile

Zhejiang MED Valves Co., Ltd., founded in 2010, is a prominent valve manufacturer dedicated to the research and development of valves for diverse industries. Recognized as a hightech enterprise, we operate on principles of contractual integrity and have earned certifications, including ISO 9001.

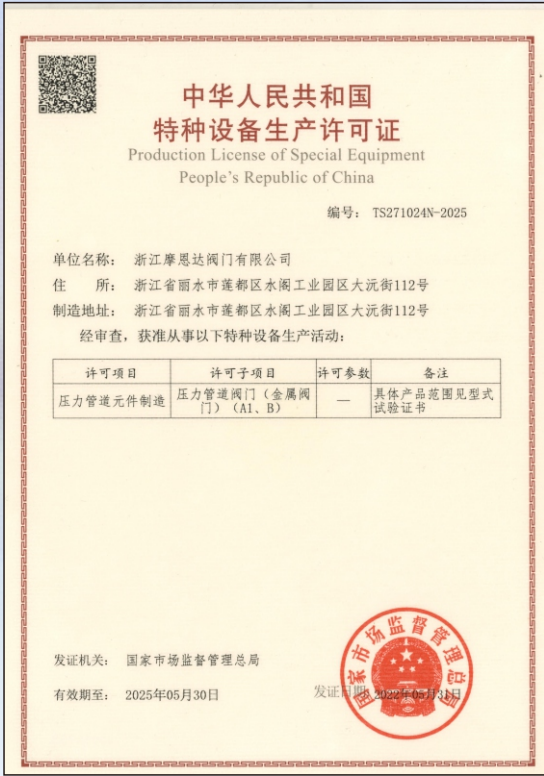
Our company spans over 30,000 square meters, boasting a registered capital of 100.58 million RMB, with a workforce exceeding 100 employees. We annually produce over 6,000 tons of valves, contributing to sectors such as petroleum, petrochemicals, natural gas, hydropower, and thermal power.

Over the years, we've cultivated expertise in the production of gate valves, ball valves, butterfly valves, globe valves, check valves, plug valves, control valves, and more. Our products range up to 40" in diameter, with pressures reaching 2500LB and temperature suitability from –196 to 650° C.

Our commitment to quality management and product certifications is evident through ISO 9001, ISO 14001, OHSAS 18001, API 6D, API 600, AP1602, API 607, EU CE/PED, and national pressure pipeline component safety registration (TS) certifications.

With strong design capabilities, cutting–edge processing and testing equipment, and a cohesive team, we ensure the performance, quality, and timely delivery of our valves. Zhejiang MED Valves are widely adopted in major industries globally, and we look forward to collaborative opportunities with research institutions and esteemed clients, both old and new, to shape a promising future together.

Qualification Certificate



- 01 TS Certificate
- 02 CE Certificate
- 03 API 6D Certificate
- 04 API 600 Certificate
- 05 API 602 Certificate
- 06 High-Tech Enterprise Certificate
- 07 API 607 Fire Safe Certificate
- 08 API 624 Certificate
- 09 ISO 15848-1 Certificate
- 10 Safety Integrity Level Certificate
- 11 Certificate of Good Faith in Contract Fulfillment
- 12 ISO 9001 Certificate
- 13 ISO 14001 Certificate
- 14 ISO 45001 Certificate





Smart Manufacturing

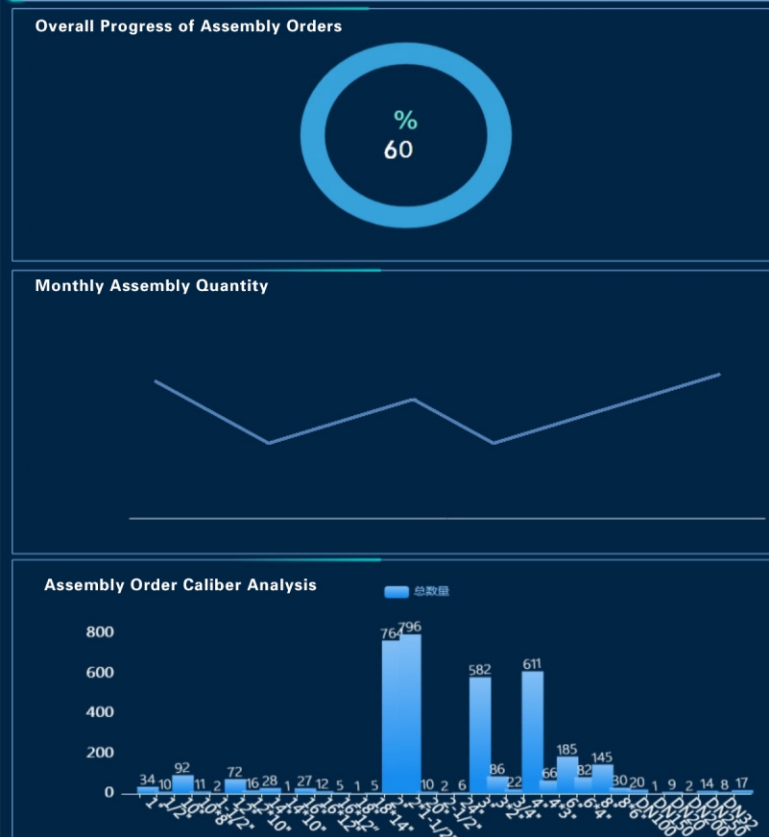
uses advanced digital control technology to control the valve processing process and builds an intelligent manufacturing factory. ERP digitally controls all orders, planning, procurement, delivery, etc., and the MES system receives ERP instructions. For the execution of each production process and quality process control, automatic settlement of workers' wages is realized, drawings can be scanned and the order production status can be checked in real time, thereby achieving faster delivery time



Semi-finished Product Pending Warehouse Entry Progress

流程卡号	数量	序号	物品名称	规格
07:50:16 2023-11-09 07:50:07	打标 5	01 LS202310300 02	010 SA230901942 010	2112-001556 固定轴
2023-11-09 07:46:21	铸件锅盖电焊/ 打磨/喷丸 29	LS202310280 21	SA230801873 2010.SA23080 18733010	2102-002431 锅盖
2023-11-08 20:52:02	热处理-固溶(外 协) 1	LS202310170 08	SA230902135 010	2112-000281 固定轴
2023-11-08 20:51:53	打标识 2	LS202310300 08	SA230901941 010	2106-000024 阀座压圈
2023-11-08 20:23:36	半粗精车 3	LS202311080 64	SA230801871 78010	2101-002178 阀体



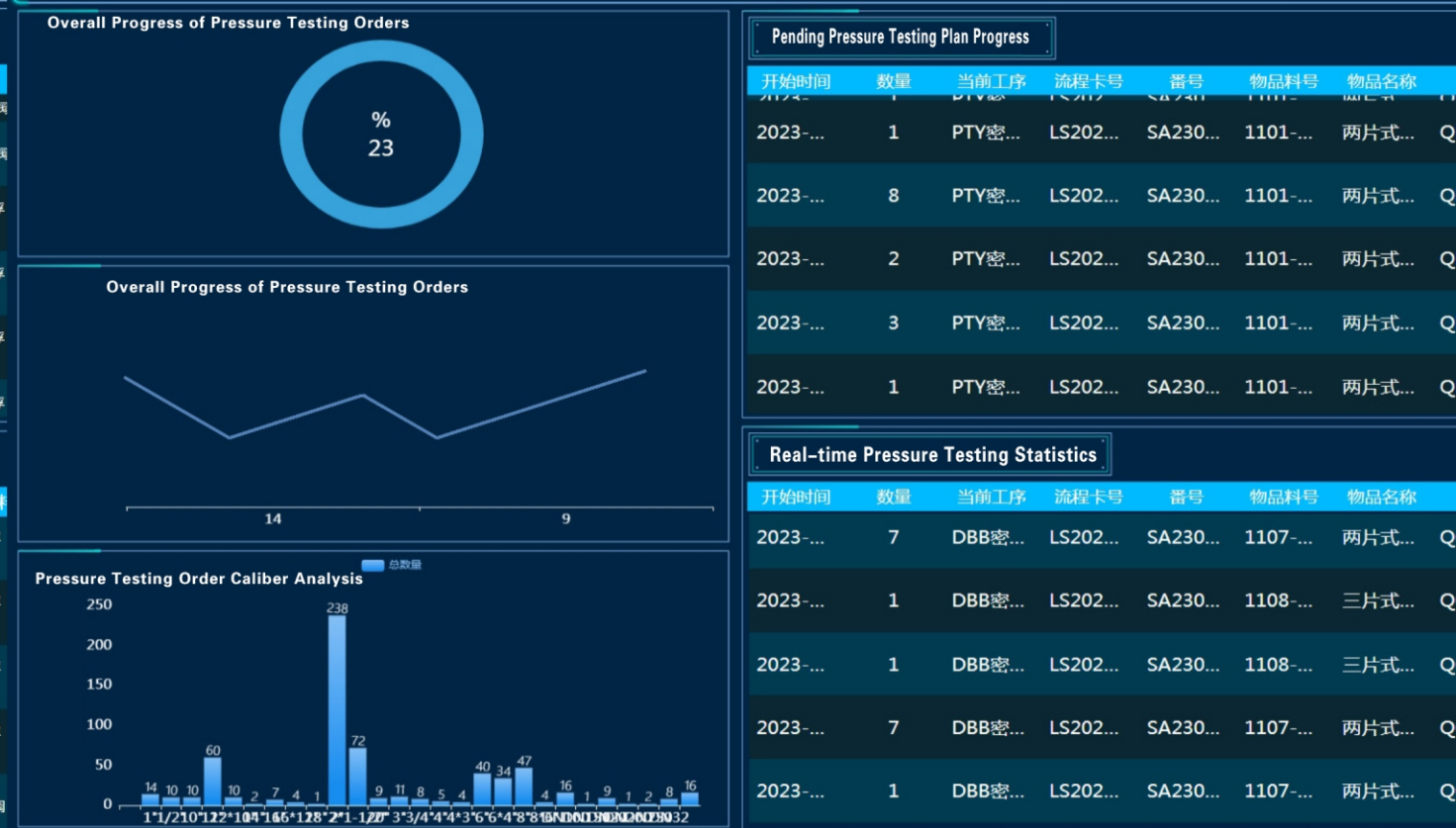


Pending Assembly Plan Progress

开始时间	数量	当前工序	流程卡号	番号	物品料号	物品名称
2023-11-08 15:39:41	2	装配	LS20231108052	010,SA2308018 7113010,SA230 8018711,2010 SA2308018779 010	1107-000293	两片式固定球阀
2023-11-08 07:52:49	1	装配	LS20231108040	SA2308018778 110,SA2308018 7171010	1105-000066	两片式硬密封浮球阀
2023-11-08 07:52:29	2	装配	LS20231108039	SA2308018717 0010,SA230801 8778010	1105-000061	两片式硬密封浮球阀
2023-11-08 07:51:45	8	装配	LS20231108038	SA2308018777 110	1105-000062	两片式硬密封浮球阀
2023-11-08 07:51:19	1	装配	LS20231108037	SA2308018777 010 SA2308018	1105-000060	两片式硬密封浮球阀
2023-11-08	5	装配	LS20231108036			

Assembly Completed Records

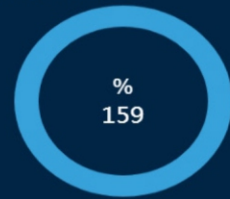
开始时间	数量	当前工序	流程卡号	番号	物品料号	物品名称	规格	材料
2023-11-08 07:48:21	7	装配	LS20231108031	SA2308018771 010	1105-000054	两片式硬密封浮球阀		
2023-11-08 07:48:00	7	装配	LS20231108030	SA2308018770 010	1105-000053	两片式硬密封浮球阀		
2023-11-08 07:47:41	2	装配	LS20231108029	SA2308018769 010,SA2308018 7165010	1105-000052	两片式硬密封浮球阀		
2023-11-08 07:47:09	10	装配	LS20231108028	SA2308018768 010	1105-000051	两片式硬密封浮球阀		
2023-11-08 07:46:34	1	装配	LS20231108027	SA2308018766 010	1101-111655	两片式浮球阀		
2023-11-08 07:46:09	1	装配	LS20231108026					



Smart Manufacturing



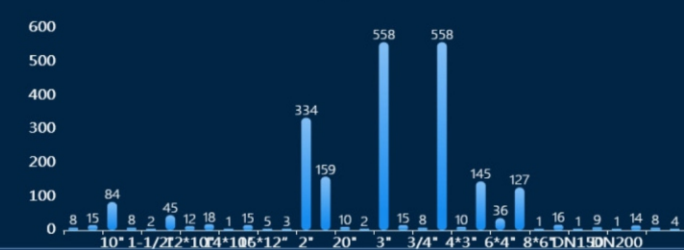
Overall Progress of Painting Orders



Overall Progress of Painting Orders



Painting Order Caliber Analysis



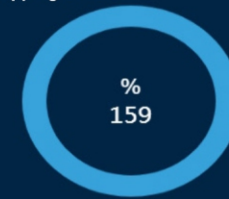
Pending Painting Progress

开始时间	数量	当前工序	流程卡号	番号	物品料号	物品名称
2023-...	13	油漆	LS202...	SA230...	1108-...	三片式...
2023-...	4	油漆	LS202...	SA230...	1101-...	两片式...
2023-...	7	油漆	LS202...	SA230...	1107-...	两片式...
2023-...	4	油漆	LS202...	SA230...	1107-...	两片式...
2023-...	12	油漆	LS202...	SA230...	1108-...	三片式...

Completed Painting Progress

开始时间	数量	当前工序	流程卡号	番号	物品料号	物品名称
2023-...	12	油漆	LS202...	SA230...	1108-...	三片式...
2023-...	1	油漆	LS202...	SA230...	1107-...	两片式...
2023-...	1	油漆	LS202...	SA230...	1108-...	三片式...
2023-...	1	油漆	LS202...	SA230...	1101-...	两片式...
2023-...	2	油漆	LS202...	SA230...	1107-...	两片式...

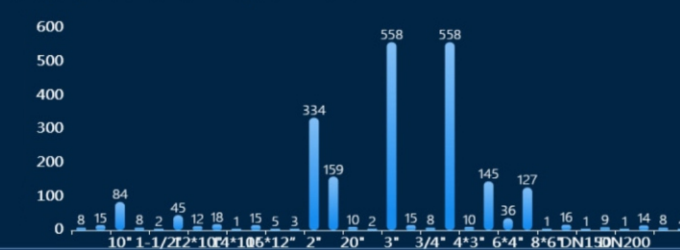
Overall Progress of Shipping Orders



Monthly Shipping Quantity



Shipping Order Caliber Analysis



Pending Shipping Progress

开始时间	数量	当前工序	流程卡号	番号	物品料号	物品名称	规格
2023-...	13	发货	LS202...	SA230...	1108-...	三片式...	QGIII
2023-...	4	发货	LS202...	SA230...	1101-...	两片式...	QF
2023-...	7	发货	LS202...	SA230...	1107-...	两片式...	QG
2023-...	4	发货	LS202...	SA230...	1107-...	两片式...	QG
2023-...	12	发货	LS202...	SA230...	1108-...	三片式...	QGIII

Completed Shipping Progress

开始时间	数量	当前工序	流程卡号	番号	物品料号	物品名称	规格
2023-...	12	发货	LS202...	SA230...	1108-...	三片式...	QGIII
2023-...	1	发货	LS202...	SA230...	1107-...	两片式...	QG
2023-...	1	发货	LS202...	SA230...	1108-...	三片式...	QGIII
2023-...	1	发货	LS202...	SA230...	1101-...	两片式...	QF
2023-...	2	发货	LS202...	SA230...	1107-...	两片式...	QG

Smart Manufacturing





Production Capacity

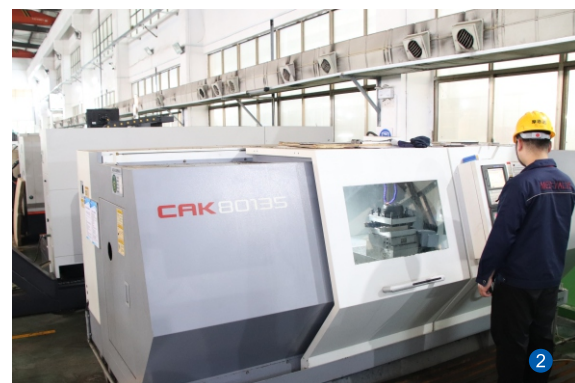
- 1.HM80TD Machining Center
- 2.PM2030HC Machining Center
- 3.CLU13×16 Machining Center
- 4.VML 160HK Vertical Lathe





Production Capacity

1. Digital Stereoscopic Warehouse
2. CK80135 CNC Lathe
3. CK61125L CNC Lathe
4. VMC-1065M Machining Center
5. VMC-1100L Machining Center
6. Automatic Paint Production Line
7. Submerged Arc Automatic Welding Machine
8. Valve Component Cleaning Machine





Quality Control



- 1.Thickness Gauge
- 2.Portable Spectrometer
3. Mobile Spectrometer
- 4.. Magnetic Particle Testing (MT)
- 5.Vernier Caliper
- 6.Ultrasonic Testing (UT)
- 7.Metallographic Analyzer
- 8.Dye Penetrant Testing (PT)
- 9.Rockwell Hardness Tester
10. Brinell Hardness Tester
- 11.Low-Temperature Impact Testing Machine
12. Hardness Tester
13. Impact Sample Notch Projec





Quality Control

- 1.Fire Test
- 2.Low-Temperature Test
- 3.High-Pressure Air Tightness Test
- 4.Pressure Test



Side Entry Trunnion ball valve

Design feature:

- Full Bore or Reduced Bore
- Fire Type Test/Fire Resistance Test
- Double Block and Bleed Function
- Valve Stem and Seat Injection System
- Self-Relief of Intermediate Cavity Pressure
- Anti-Blowout Valve Stem
- Anti-static
- Optional Dual-Piston Design

Products Range

Size:	1.5"~48"(DN40~DN1200)
Rating:	CLASS150LB~1500LB (PN16~PN250)
Body Materials:	Carbon steel, Stainless steel, Alloy steel, Duplex stainless steel,ect.
Trim:	A105+ENP,13Cr,F304,F316,F51
Operation:	Handwheel,Gear,Motor,Pneumatic

Products Range

Size:	1.5"~48"(DN40~DN1200)
Rating:	CLASS 150LB~2500LB (PN16~PN420)
Body Materials:	Carbon steel, Stainless steel, Alloy steel, Duplex stainless steel,ect.
Trim:	A105+ENP,13Cr,F304,F316,F51
Operation:	Handwheel,Gear,Motor,Pneumatic



Trunnion Mounted Double Ball Valve

Design feature:

- Full Bore or Reduced Bore
- Fire Type Test/Fire Resistance Test
- Double Block and Bleed Function
- Valve Stem and Seat Injection System
- Self-Relief of Intermediate Cavity Pressure
- Anti-Blowout Valve Stem
- Anti-static
- Optional Dual-Piston Design

Products Range

Size:	1.5"~48"(DN40~DN1200)
Rating:	CLASS 150LB~2500LB(PN16~PN420)
Body Materials:	Carbon steel, Stainless steel, Alloy steel, Duplex stainless steel,ect.
Trim:	A105+ENP13Cr,F304,F316
End Connection:	FLAN(RF,RTJ) ect.
Operation:	Handwheel,Gear,Motor,Pneumatic



Top-Mounted Trunnion Ball Valve

Design feature:

- Cast steel all-in-one valve body (top type)
- Welded steel body (all welded type)
- Fire protection design
- Double block and discharge functions
- Stem, seat filler system
- Pressure inside the lumen is self-draining
- Blow-out preventer
- Anti-static
- Double piston design is optional

Products Range

Size:	1.5"~48"(DN40~DN1200)
Rating:	CLASS150LB~1500LB (PN16~PN250)
Body Materials:	Carbon steel, Stainless steel, Alloy steel, Duplex stainless steel,ect.
Trim:	A105+ENP,13Cr,F304,F316,F51
Operation:	Handwheel,Gear,Motor,Pneumatic



Fully welded Trunnion ball valve

Design feature:

- Weld the body and cover
- Through hole or shrinkage hole
- Fire type test certification
- Double block and discharge functions
- Pressure inside the lumen is self-draining
- Anti - blow valve stem, anti - static
- Double piston design is optional
- Optional embedded extension bar structure

Products Range:

Size:	1.5"~48"(DN40~DN1200)
Rating:	CLASS150LB~2500LB (PN16~PN420)
Body Materials:	Carbon steel, Stainless steel, Alloy steel, Duplex stainless steel, ect.
Trim:	A105+ENP, 13Cr, F304, F316, F51
Operation:	Handwheel, Gear, Motor, Pneumatic



Usually refers to working temperature below 110 °C cryogenic valve of the valve. Widely used in liquefied natural gas, liquefied petroleum gas and other low temperature industries. Moenda is currently manufactured Suitable temperature 196 °C ball valve. Our computer-controlled cryogenic test equipment verifies valves up to 24 inches in size.

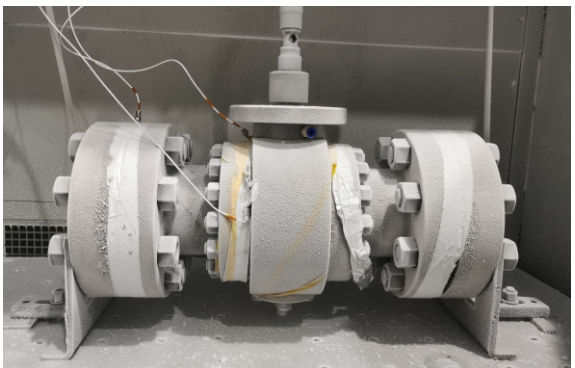
Low temperature Trunnion ball valve

Design feature:

- Design features
- Safety extension stem design
- The upper end of the drainage hole
- to prevent abnormal pressure rise in the middle cavity
- Extended cover design Low leakage filler

Products Range

Type:	Low temperature fixed ball valve
Size:	1/2"~24"(DN15~DN600)
Rating:	ANSI 150LB~300LB(PN16~PN40)
Body Materials:	Carbon steel, Stainless steel, Alloy steel, Duplex stainless steel, ect.



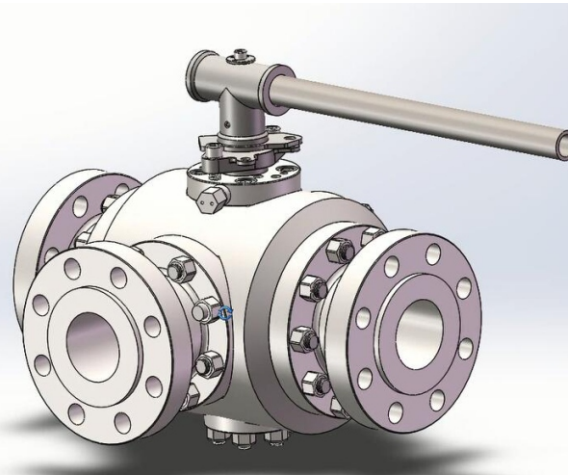
Three-way Trunnion ball valve

Design feature:

- Full Bore or Reduced Bore
- Fire Type Test/Fire Resistance Test
- Double Block and Bleed Function
- Valve Stem and Seat Injection System
- Self-Relief of Intermediate Cavity Pressure
- Anti-Blowout Valve Stem
- Anti-static
- Optional Dual-Piston Design

Design feature: Products Range

Size:	2"~48"(DN50~DN1200)
Rating:	CLASS 150LB~2500LB (PN16~PN420)
Body Materials:	Carbon steel, Stainless steel, Alloy steel, Duplex stainless steel,ect.
Trim:	A105+ENP,13Cr,F304,F316,F51
Operation:	Handwheel,GearMotor,Pneumatic



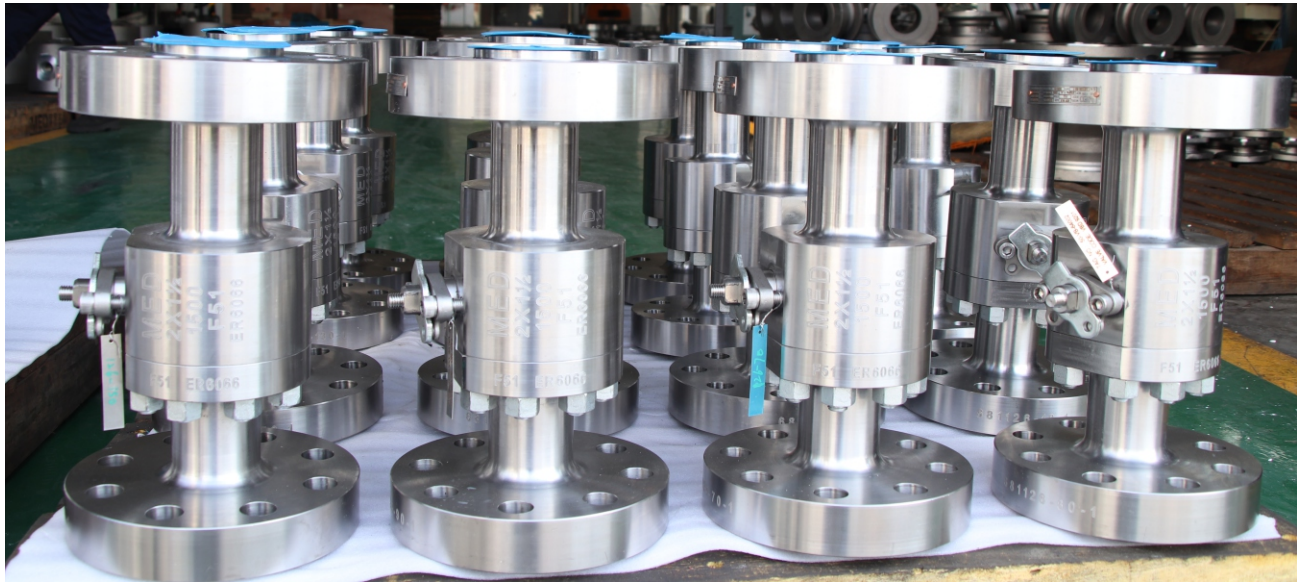
Metal Seated Ball Valve

Design feature:

- Hard seal between ball and seat
- The stationary type has double blocking and discharge functions
- Floating type has self-discharging function
- Valve stem has anti - blow function
- Antistatic device
- Emergency gluing structure design
- Handle, gear box, electric, pneumatic actuator, etc

Products Range:

Design Standards:	API6D & BS5351
Type:	Floating and stationary ball valves
Size:	1/2" ~24"(DN15~DN600)
Pressure Level:	CLASS 150LB~1500LB
Applicable temperature:	≤450°C
Body Materials:	Carbon steel, Stainless steel, Alloy steel, Duplex stainless steel,ect.
Trim:	A105+ENP,13Cr,F304,F316,F51
Operation:	Handle, gear box, electric, pneumatic actuator, etc



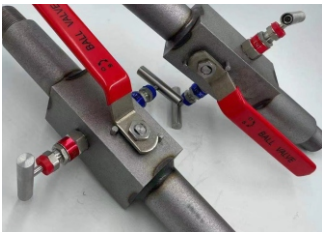
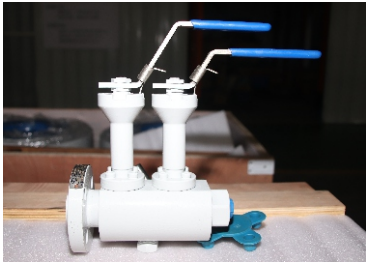
Floating Double Ball valve

Design feature:

- Through hole or shrinkage hole
- Fire type test
- Certified blow-out preventer stem
- Antistatic device
- Low leakage design filling section and stuffing box
- Optional locking device

Products Range:

Size:	1/2" ~4"(DN15~DN100)
Rating:	CLASS150LB,300LB(PN16~PN40)
Body Materials:	Carbon steel, Stainless steel, Alloy steel, Duplex stainless steel, ect.
Trim:	A105+ENP,13Cr,F304,F316,F51
Operation:	Handle, gear box, electric, pneumatic actuator, etc



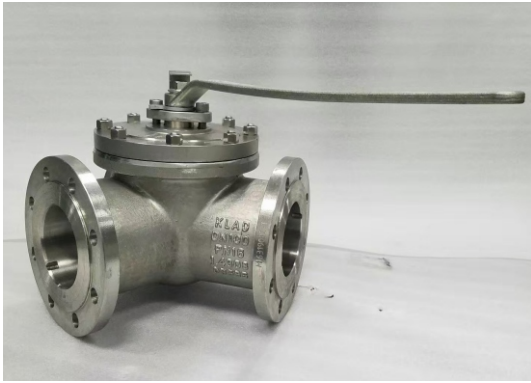
Three-way Floating Ball valve

Design feature:

- Through hole or shrinkage hole
- Fire type test
- Certified blow-out preventer stem
- Antistatic device
- Low leakage design filling section and stuffing box
- Optional locking device

Products Range:

Size:	1/2"~4"(DN15~DN100)
Rating:	CLASS150LB,300LB(PN16~PN40)
Body Materials: Cast carbon steel, stainless steel, alloy steel	
Trim:	A105+ENP,13Cr,F304,F316,F51
Operation:	Handwheel,Gear,Motor,Pneumatic



Low temperature floating ball valve

Design feature:

- Design features
- Safety extension stem design
- The upper end of the drainage hole
- to prevent abnormal pressure rise in the middle cavity
- Extended cover designLow leakage filler

Products Range

Type:	BALL VALVE
Size:	1/2"~2"
Rating:	CLASS150LB~300LB(PN16~PN40)
Body Materials: Cast carbon steel, stainless steel, alloy steel	



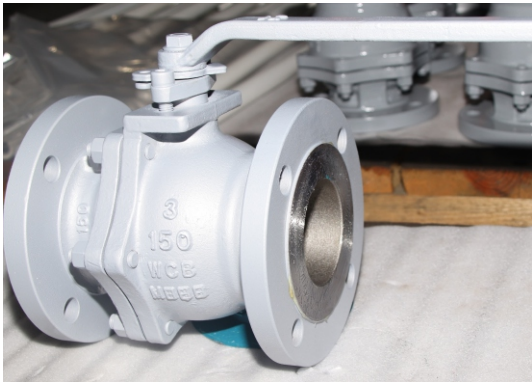
Cast steel floating ball valve

Design feature:

- Through hole or shrinkage hole
- Fire type test
- Certified blow-out preventer stem
- Antistatic device
- Low leakage design filling section and stuffing box
- Optional locking device

Products Range

Size:	1/2"~8" (DN15~DN200)
Rating:	ANSI 150LB,300LB(PN16~PN40)
Body Materials: Carbon steel, Stainless steel, Alloy steel, Duplex stainless steel,ect.	
Trim:	A105+ENP,13Cr,F304,F316,F51
Operation:	Handwheel,Gear,Motor,Pneumatic



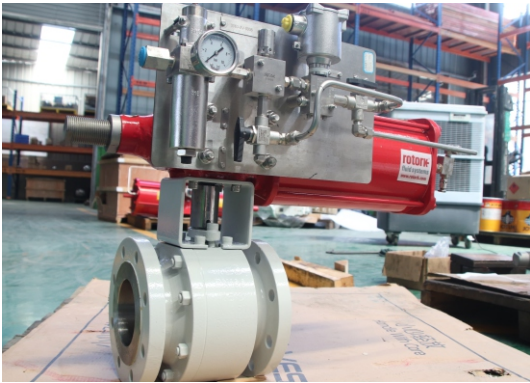
Forged steel floating ball valve

Design feature:

- Through hole or shrinkage hole
- Fire type test
- Certified blow-out preventer stem
- Antistatic device
- Low leakage design filling section and stuffing box
- Optional locking device

Products Range

Size:	1/2"~8" (DN15~DN200)
Rating:	ANSI 150LB~2500LB(PN16~PN420)
Body Materials: Carbon steel, Stainless steel, Alloy steel, Duplex stainless steel,ect.	
Trim:	A105+ENP,13Cr,F304,F316,F51
Operation:	Handwheel,Gear,Motor,Pneumatic



Top mounted floating ball valve

Design feature:

- Through hole or shrinkage hole
- Fire type test
- Certified blow-out preventer stem
- Antistatic device
- Low leakage design filling section and stuffing box
- Optional locking device

Products Range:

Size:	1/2"~2"
Rating:	CLASS 150~2500(PN16~PN420)
Body Materials:	Cast carbon steel, stainless steel, alloy steel
Trim:	A105+ENP,13Cr,F304,F316,F51
End connection:	RF RTJ etc.
Operation:	Handwheel,Gear,Motor,Pneumatic



Forged steel floating small Ball valve

Design feature:

- Through hole or shrinkage hole
- Fire type test
- Certified blow-out preventer stem
- Antistatic device
- Low leakage design filling section and stuffing box
- Optional locking device

Products Range

Size:	1/2"~2"
Rating:	CLASS 150LB,300LB,600LB,800LB
Body Materials:	Carbon steel, Stainless steel, Alloy steel, Duplex stainless steel, ect.
Trim:	A105+ENP,13Cr,F304,F316,F51
Soft sealing material:	PTEF、NYLON etc.
Connection mode:	NPT screw and socket welding



Forged Steel Fully Welded

Design feature:

- Through hole or shrinkage hole
- Fire type test
- Certified blow-out preventer stem
- Antistatic device
- Low leakage design filling section and stuffing box
- Optional locking device

Products Range

Size	1/2"~2"
Rating:	ASME 150LB,300LB,600LB,1500LB
Body Materials:	Cast carbon steel, stainless steel, alloy steel
Trim:	Carbon steel, stainless steel, alloy steel
Soft sealing material:	PTEF、NYLON etc.
Connection mode:	NPT screw and socket welding



Clamp-Style Fixed Ball Valve

- Full Bore or Reduced Bore
- Fire Type Test/Fire Resistance Test
- Double Block and Bleed Function
- Valve Stem and Seat Injection System
- Self-Relief of Intermediate Cavity Pressure
- Anti-Blowout Valve Stem
- Anti-static
- Optional Dual-Piston Design

Products Range

Size:	2"~48"(DN50~DN1200)
Rating:	CLASS 150LB~2500LB (PN16~PN420)
Body Materials:	arbon steel, Stainless steel, Alloy steel, Duplex stainless steel, ect.
Trim:	A105+ENP,13Cr,F304,F316,F51
Operation:	Handwheel,Gear,Motor,Pneumatic



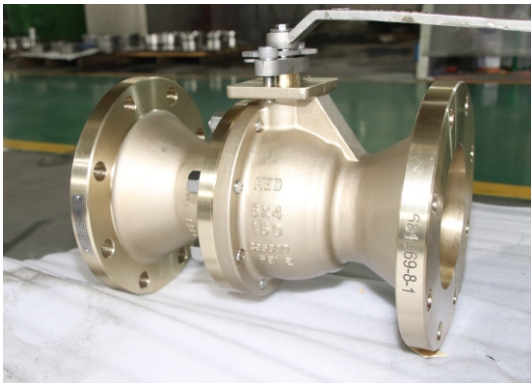
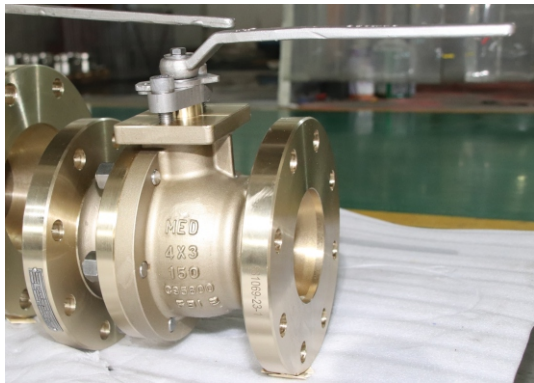
Brass Ball Valve

Design feature:

- Through hole or shrinkage hole
- Fire type test
- Certified blow-out preventer stem
- Antistatic device
- Low leakage design filling section and stuffing box
- Optional locking device

Products Range:

Size:	1/2"~8" (DN15~DN200)
Rating:	CLASS150LB,300LB(PN16~PN40)
Body Materials:	C95800
Trim:	C63200
Operation	Handwheel,Gear,Motor,Pneumatic



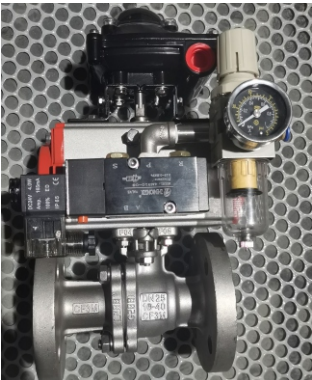
National standard Casting Floating Ball Valve

Design feature:

- Through hole or shrinkage hole
- Fire type test
- Certified blow-out preventer stem
- Antistatic device
- Low leakage design filling section and stuffing box
- Optional locking device

Products Range:

Size:	DN15~DN50
Rating:	PN16-PN100
Body Materials:	Carbon steel, Stainless steel, Alloy steel, Duplex stainless steel, Etc.
Trim:	A105+ENP,13Cr,F304,F316,F51
Operation:	Handwheel,Gear,Motor,Pneumatic



National Standard Trunnion Ball Valve

Design feature:

- Through hole or shrinkage hole
- Fire type test
- Certified blow-out preventer stem
- Antistatic device
- Low leakage design filling section and stuffing box
- Optional locking device

Products Range:

Size:	DN40~DN1200
Rating:	PN16~PN420
Body Materials:	Carbon steel, Stainless steel, Alloy steel, Duplex stainless steel, ect.
Trim:	A105+ENP,13Cr,F304,F316,F51
Operation:	Handwheel,Gear,Motor,Pneumatic



Jacket Ball Valve

Design feature:

- Through hole or shrinkage hole
- Fire type test
- Certified blow-out preventer stem
- Antistatic device
- Low leakage design filling section and stuffing box
- Optional locking device

Products Range:

Size:	2"~8"
Rating:	CLASS 150LB,300LB,600LB
Body Materials:	Carbon steel, Stainless steel, Alloy steel, Duplex stainless steel, Etc.
Trim:	A105+ENP,13Cr,F304,F316,F51
Operation:	Handwheel,Gear,Motor,Pneumatic

