

Product Summary

Your Partner of Flow Control System

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Your Partner of Flow Control System

YDF VALVES was established in year 1978, as one of the leading valve manufacturers in China, YDF specializes in the development of innovative design, through intensive R&D programs and a commitment to be a good partner of flow control system.

YDF's main product lines include Ball, Gate, Globe, Check, butterfly and Power Station valves. These products have been widely used throughout the world in Oil, Gas, Chemical, Refining, Power Generation, Marine and Pipeline Transmission industrial application.

YDF's Facilities

YDF's head office is located in Shanghai, two valve factories are located in Yancheng, Jiangsu Province, one JV foundry is located in Binhai, Jiangsu Province. All the facilities are linked by an intranet system of over 200 computers, based on the ERP system connecting engineering to the Machining center, CNC, Bar-code warehouse system. In-house testing capacities include high pressure gas, cryogenic, high temperature, fugitive emission, live testing etc.

Quality Assurance

YDF's quality assurance is dedicated to supply zero defect valves to customers with reliable service life. YDF has been certified with ISO9001, ISO14001, OASHS18001, CE/PED, API6A, API6D, ABS and API607/6FA fire safe approvals.

Introduction



Head Office



GGC Valve Plant

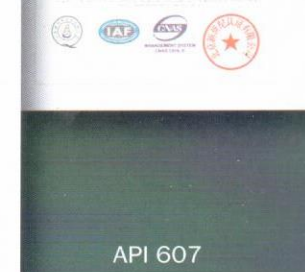
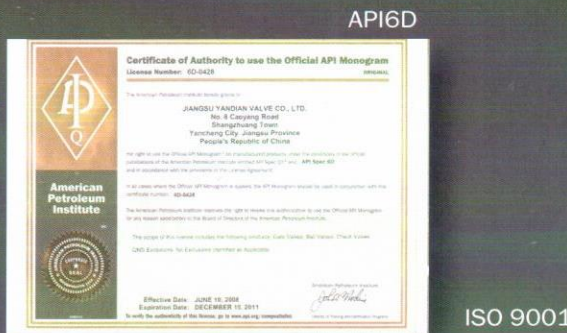


Ball Valve Plant



Foundry

Certification

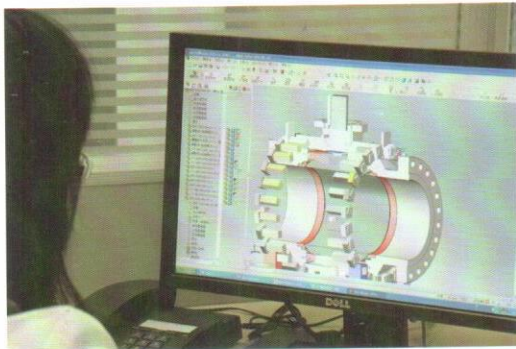
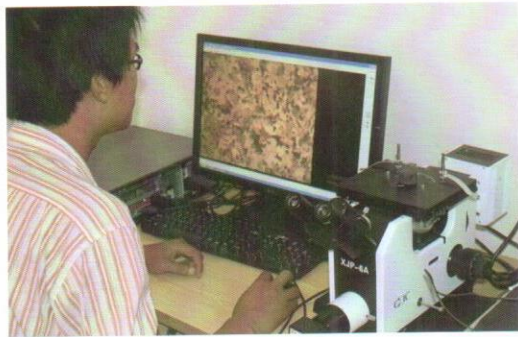


Introduction

Technical Innovation

YDF has more than 50 experienced engineers, we are keep improving the existing products and develop the new product line. AUTO CAD and Solid Works are the software we are using for the new product design such as Cryogenic service, Fully welded design, Low Emission service, Metal to metal ball valve, etc.

A comprehensive internal computer network which is used for link the entire operations of design, manufacturing and administration. YDF well trained technical personnel are always ready for the customer request.



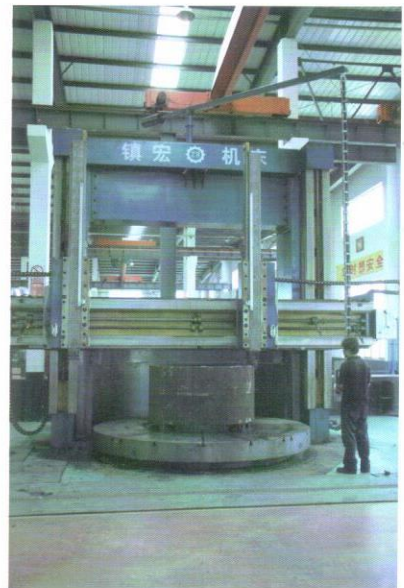
Advanced Manufacturing



Numeric control machines are widely equipped in YDF factories, like Machining Center, CNC horizontal and vertical lathe, CNC drilling machine.

A number of traditional machines are also widely applied and our machining capacity up to 60" gate valve.

Our advanced and ample machining will make sure stable quality and on time delivery.



Quality Control



YDF has strict quality control system to control the quality from the rough material to the final product. Advanced testing equipment enable us to do Radio graphic test, Ultra-sonic test, Dye-penetrant test, Magnetic test, Impact test, Tensile test, Hardness test, Positive Material Identifier (PMI), etc.

A newly built valve laboratory enable us to do Cryogenic test, Vacuum test, Low fugitive emission test, High pressure gas test, High temperature test.



Foundry

Casting quality is the key of valve quality.

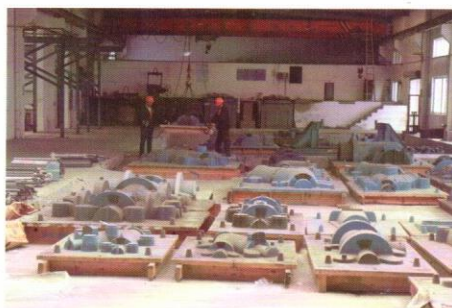
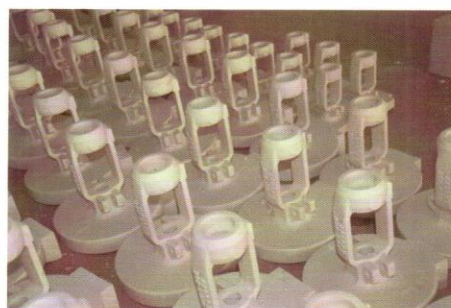
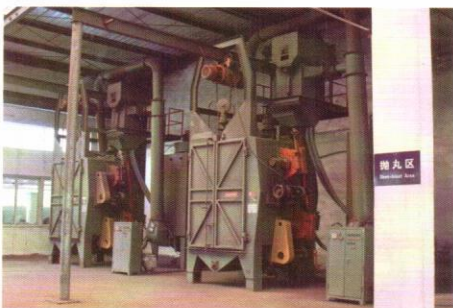
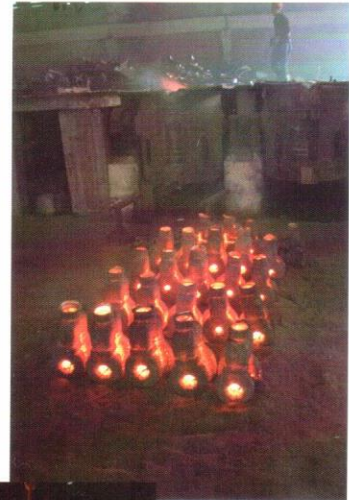
YDF realized this from the beginning.

YDF has own foundry, with capacity:

Investment Casting : 1000T/month

Sand Casting : 800T/month

Material cover, Carbon Steel , Stainless Steel,
Alloy Steel, and other special material.



Gate, Globe, Check Valves



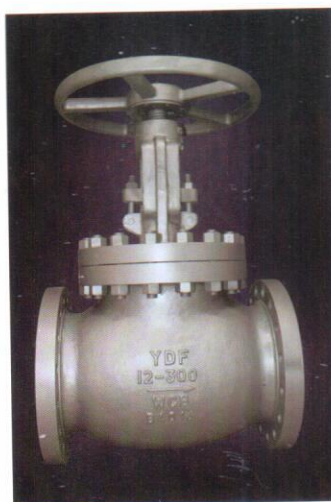
Conventional Gate, Globe, Check Valve

Design Feature:

- Low emission control(Gate, Globe)
- Flexible wedge(Gate)
- Threaded or welded in seat
- Plug disc(Globe)
- Internal Hinge Pin/Out through Hinge Pin(Check)
- Weight lever Design(Check)

Products Range:

Type :	Gate, Globe, Check
Size :	2"~64"
Rating :	ANSI150lb~2500lb
Body Materials :	Carbon Steel, Stainless Steel Alloy Steel, Duplex Steel
Trim :	PerAPI600
Operation :	HW, GO, Motor, Pneumatic





Pressure Seal Valve

Design Feature :

- Low emission control
- Stellite seating surface
- Flexible wedge
- Full guiding
- Absolute bonnet joint leak proof
- Optional by-pass design, Y Style Globe Valve, Check Valve

Products Range:

Type:	Gate, Globe, Check
Size :	2"~24"
Rating :	ANSI600lb~2500lb
Body Materials	Carbon Steel, Chromium Moly Alloy Steel
Trim :	Per API600
Operation :	HW, GO, Motor, Pneumatic



Through Conduit Gate Valve

Design Feature :

- Fire safe design
- Low emission control
- Slab gate or Expanding gate
- Double block & bleed
- Self cavity relief
- Emergency Sealant injection

Products Range:

Size :	2"~48"
Rating :	ANSI150lb~2500lb
Body Materials:	Carbon Steel, Stainless Steel
Trim :	Soft seal, Metal seal
Operation :	HW, GO, Moter, Pnenumatic, Gas over oil



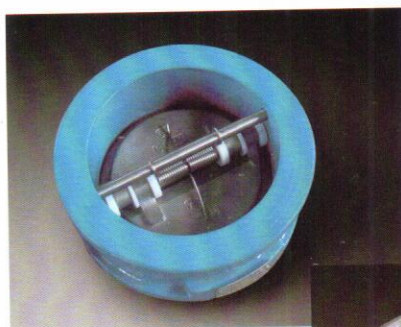
Full Opening Check Valve

Design Feature :

- Swing check design
- Suitable for pig ball service
- Soft or metal to metal sealing
- Welded or threaded seat ring
- Optional weight lever design

Products Range:

Size :	2"~48"
Rating :	ANSI150lb~2500lb
Body Materials :	Carbon Steel, Stainless Steel
Trim :	Soft seal, Metal seal
End Connection :	RF, RTJ, BW



Wafer Check Valve

Design Feature :

- Dual plate or single plate
- Light weight & compact design
- Spring loaded disc
- Resilient or Metal seated

Products Range:

Size :	2"~24"
Rating :	ANSI150lb~600lb
Body Materials :	Carbon Steel, Stainless Steel
End Connection :	Wafer, Lug

Gate, Globe, Check Valves



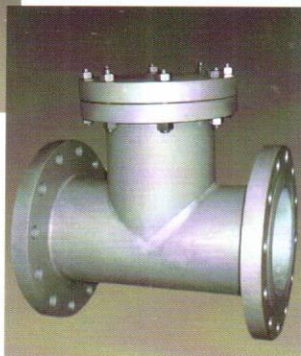
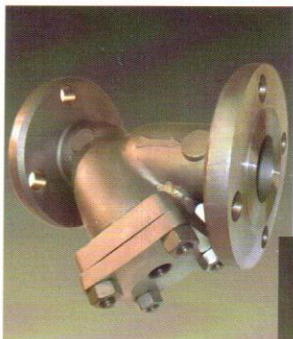
Forged Steel Valve

Design Feature :

- Solid wedge (gate)
- Bolted or welded bonnet
- Full port or reduce port
- Optional bellow seal (gate, globe)
- Plug disc with optional needle disc (globe)
- Lift check with optional swing check (check)

Products Range:

Type :	Gate, Globe, Check
Size :	1/2"~3"
Rating :	ANSI 800lb,1500lb
Body Materials :	A105, F11,F22,F5, F316
End connection:	NPT, SW, RF



Design Strainer:

- Y or T-Pattern
- Bolted cover
- Drain Plug
- Stainless steel screen

Products Range:

Size :	2"~20"
Rating :	ANSI150lb~600lb
Body Materials :	Carbon Steel, Stainless Steel
Screen Material :	304,316
End Connection :	RF, BW

Trunnion Mounted Ball Valve

Side Entry Design

Design Feature:

- Both Forging and casting are available
- Full port or Reduce port
- Fire safe certified API 607/ 6FA
- Double block & bleed
- Emergency sealant injection
- Cavity pressure self relief
- Blowout-proof stem
- Anti-static
- Optional double piston design



Products Range:

(3-PC design)

Size :	2"~48"
Rating :	ANSI 150lb~2500lb
Body Materials :	Carbon steel, Stainless steel, ect.
Trim :	A105N+ENP, 13Cr, F304, F316
Operation :	Lever, Gear, Motor, Pneumatic

Products Range:

(2-PC design)

Size :	2"~24"
Rating :	ANSI 150lb~1500lb
Body Materials :	Carbon steel, Stainless steel, ect.
Trim :	A105N+ENP, 13Cr, F304, F316
Operation :	Lever, Gear, Motor, Pneumatic



Top Entry Trunnion Ball Valve

Design Feature:

- Cast steel unit body
- Fire safe design
- Double block & bleed
- Emergency sealant injection
- Cavity pressure self relief
- Blowout - proof stem
- Anti- static
- Optional double piston design

Products Range:

Size :	2"~24"
Rating :	ANSI 600lb~1500lb
Body Materials :	Carbon steel, Stainless steel, ect.
Trim :	A105N+ENP, 13Cr, F304, F316
Operation :	Lever, Gear, Motor, Pneumatic



Full Welded Ball Valve

Design Feature:

- Full welding between body and bonnet
- Fire safe design
- Double block & bleed
- Cavity pressure relief
- Anti blow-out stem and Anti-static device
- Optional double piston design
- Optional underground extended stem design

Products Range:

Size :	2"~48"
Rating :	ANSI 150lb~2500lb
Body Materials :	Forged carbon steel, ect.
Trim :	A105N+ENP, 13Cr, F304, F316
Operation :	Lever, Gear, Motor, Pneumatic

Cast Steel Floating Design



Design Feature :

- Full port or Reduce port
- Fire safe certified
- Blowout -proof stem
- Anti-static
- Low emission control
- ISO 5211 top flange
- Optional locking device



Products Range:

(Uni body design)

Size :	1/2"~10"
Rating :	ANSI150lb, 300lb
Body Materials :	Carbon Steel, Stainless steel, ect
Trim :	A105+ENP, 13Cr, F304, F316
Operation :	Lever, Gear, Motor Pneumatic



Products Range:

(2-PC design)

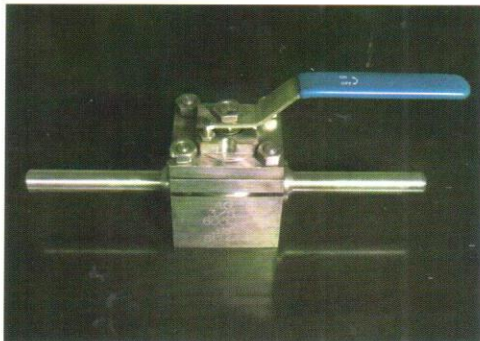
Size :	1/2"~10"
Rating :	ANSI150lb, 300lb
Body Materials :	Carbon Steel, Stainless steel, ect.
Trim :	A105+ENP, 13Cr, F304, F316

Floating Ball Valve

Forged Steel Floating Design

Design Feature :

- Full port or reduce port
- Fire safe certified
- Blowout-proof stem
- Anti-static
- Low emission control
- ISO 5211 top flange
- Optional locking device



Products Range:

(3-PC design)

Size :	1/2"~2"
Rating :	ANSI800lb, 1500lb
Body Materials :	Carbon Steel, Stainless Steel, ect.
Trim :	A105+ENP, 13Cr, F304, F316
End Connection :	S.W. NPT. BW



Products Range:

(2-PC design)

Size :	1/2"~4"
Rating :	ANSI600lb~2500lb
Body Materials:	Carbon steel, Stainless steel, ect
Trim :	A105+ENP, 13Cr, F304, F316
End Connection :	BW, RF, RTJ
Operation :	Lever, Gear, Motor Pneumatic

Butterfly Valve



Resilient Seated

Design Feature :

- Concentric design
- Low torque design
- Bi-directional service
- Self cleaning
- Blow-out proof shaft
- ISO 5211 top flange
- 2-PC shaft design (2"~12")



Products Range:

Size :	2"~64"
Rating:	200psi
Body Materials:	Cast Iron, Ductile Iron, Cast steel, Stainless steel
Elastomer Material:	EPDM, NBR, PTFE, Viton
End connection:	Wafer, Lug, Double Flange
Operation:	Lever, Gear, Motor, Pneumatic operator

High Performance

Design Feature :

- Metal seated and Soft seated
- Bi-Direction
- ISO 5211 top flange
- Zero leakage Performance



Products Range:

Size:	2"~48"
Rating:	ANSI 150lb~1500lb
Body Materials:	Carbon Steel, Bronze, Stainless steel
Trim:	13Cr, Bronze, Stainless steel

Ship Building Valve



Design Feature :

- Non-rising stem gate valve
- Bronze trim
- Angle globe
- Screw Down Non-return disc
- Manual or Pneumatic Quick closing valve
- ABS certified

Products Range:

Type:	Non-rising gate valve, Angle globe valve Quick closing globe valve
Size:	1/2"~12"
Rating:	ANSI 150lb, 300lb
Body Materials:	Carbon Steel, Bronze, Stainless steel
Trim:	13Cr, Bronze, Stainless steel



Iron Gate Valve

Design Feature :

- Both OS&Y and NRS are available
- Metal seat/ Resilient seat
- EN1171(BS5150)
- MSS SP-70
- AWWA c509
- DIN3352

Products Range:

Size:	DN40~600
Rating:	PN10, PN16/ ansi125,150
Body Materials:	C.I, D.I
Trim:	S.S, Bronze, et.

Product Range

Valve Type	Class		Size		Remark
Gate Valve	PN1.0~2.0	150lb	1/2"~64"	DN15~DN1600	Special Design: Pressure Seal, Cryogenic, Bellow Seals, etc. Forged small size with SW, NPT, RF ends.
	PN5.0	300lb	1/2"~60"	DN15~DN1500	
	PN10.0	600lb	1/2"~54"	DN15~DN1350	
	PN15.0	900lb	1/2"~36"	DN15~DN900	
	PN25.0	1500lb	1/2"~30"	DN15~DN750	
	PN42.0	2500lb	1/2"~24"	DN15~DN600	
Globe Valve	PN1.0~2.0	150lb	1/2"~20"	DN15~DN500	Special Design: Pressure Seal, Cryogenic, Bellow Seals, etc. Forged small size with SW, NPT, RF ends.
	PN5.0	300lb	1/2"~20"	DN15~DN500	
	PN10.0	600lb	1/2"~18"	DN15~DN450	
	PN15.0	900lb	1/2"~16"	DN15~DN400	
	PN25.0	1500lb	1/2"~12"	DN15~DN300	
	PN42.0	2500lb	1/2"~10"	DN15~DN250	
Check Valve	PN1.0~2.0	150lb	1/2"~64"	DN15~DN1600	Special Design: Pressure Seal, Cryogenic, Damping box, etc. Forged small size with SW, NPT, RF ends.
	PN5.0	300lb	1/2"~60"	DN15~DN1500	
	PN10.0	600lb	1/2"~54"	DN15~DN1350	
	PN15.0	900lb	1/2"~36"	DN15~DN900	
	PN25.0	1500lb	1/2"~30"	DN15~DN750	
	PN42.0	2500lb	1/2"~24"	DN15~DN600	
Floating Ball Valve	PN2.0	150lb	1/2"~10"	DN15~DN250	Special Design: One Piece, Two Piece, Cryogenic, etc. Forged small size with SW, NPT, RF ends.
	PN5.0	300lb	1/2"~10"	DN15~DN250	
	PN10.0	600lb	1/2"~6"	DN15~DN150	
	PN15.0	900lb	1/2"~4"	DN15~DN100	
	PN25.0	1500lb	1/2"~2"	DN15~DN50	
	PN42.0	2500lb	1/2"~2"	DN15~DN50	
Trunnion Mounted Ball Valve	PN2.0	150lb	2"~60"	DN50~DN1500	Special Design: Metal Seated, Top Entry, Fully Welded, Cryogenic, etc.
	PN5.0	300lb	2"~60"	DN50~DN1500	
	PN10.0	600lb	2"~48"	DN50~DN1200	
	PN15.0	900lb	2"~36"	DN50~DN900	
	PN25.0	1500lb	2"~24"	DN50~DN600	
	PN42.0	2500lb	2"~24"	DN50~DN600	
Butterfly	PN1.0	150#	2"~64"	DN50~DN1600	Special Design: Rubber Seated, High Performance, Triple Offset, etc.
	PN1.6		2"~64"	DN50~DN1600	
	PN5.0	300#	2"~48"	DN50~DN1200	
	PN10.0	600#	2"~36"	DN50~DN900	

Material: WCB, WCC, LCB, LCC, WC6, WC9, C5, C12, C12A, CF8, CF8M, CF8C, CF3, CF3M, CN7M, MONEL, INCONEL, F51, F53, D.I., C.I., Brass, etc.

Quality Policy

Stressing Management

Ensuring the Product Quality

Developing New Product

Perfecting The Service

Continual Improvement

Meeting The Customer's Requirements

Quality Objective

1. Establishing the quality system according to the International standards. Perfecting the quality system. Guaranteeing the quality. Improving the management.
2. Attaching Primary importance to quality. The rate of qualified finished product is over 98%.
3. Aspiring adopt advanced scientific technology. Expanding the market share.
4. The Customer Satisfaction Degree is over 98%.

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Gate, Globe, Check Valves



Floating Ball Valve

Trunnion Mounted Ball Valve



Butterfly Valve

The Others Valve