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SUNGO reserves the right to change design, materials of specifications without notice and free of obligation to furnish or install such changes on products previously sold.

*Manufacturer Focused on Integrated  
Solution Engineered Valves for Over 40 Years!*



## CORPORATE BROCHURE



API 6D



API 600



API 602



CE1280



ISO 9001



ISO 14001  
ISO 45001



API 6FA  
API 607



ISO15548



API 624



SIL 3

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## ABOUT SUNGO

Our company, SunGo Valves Group Co.,Ltd. was founded in 1980 and is headquartered in Wenzhou, China. We specialize in Engineered Valves with over 40 years of experience and a team of highly skilled professionals, we have become a leading company in the Engineered Valves in Asia.

Our main products & services include Ball valve, Gate Globe Check valve , Butterfly Valve, Plug valve, Electric Actuator, Pneumatic Actuator and Gearbox, which are widely used in Gas& Oil, Power Generation, Chemical, Refining, Marine and Pipeline Transmission Industries Etc. We have established long-term partnerships with many well-known companies both domestically and internationally, and have received high praise for our quality products and excellent customer service.

At SUNGO, we are committed to providing our customers with the best possible products and services. We have a strict quality control system in place to ensure that our products meet the highest standards. We also have a professional and dedicated customer service team to provide timely and effective support to our customers.

In addition, we are a socially responsible company and strive to make a positive impact on the communities in which we operate. We have implemented environmentally friendly practices in our operations and have supported various charitable causes.

We look forward to working with you and providing you with the best products and services.



## CERTIFICATION



API 6D



API 600



API 602



CE 1280



SIL 3



SIL 3



SIL 3



SIL 3



API 607



ISO 9001



ISO 14001



ISO 45001



API 624



API 624



API 624



API 6FA



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API 6FA



API 6FA



API 6FA



API 6FA



API 607



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ISO 15848



ISO 15848



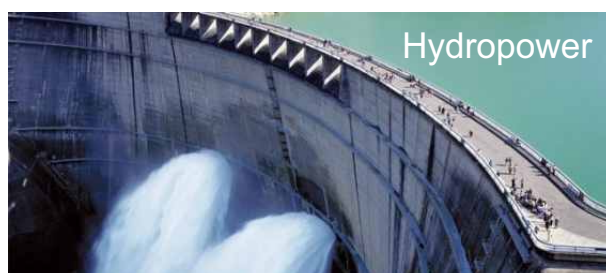
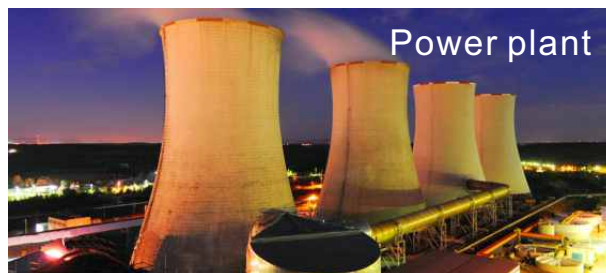
ISO 15848



ISO 15848



## BUSINESS SECTOR



## KEY CUSTOMER



# Advanced Manufacturing

The latest computer technology are also widely applied in SUNGO for valve manufacturing, this includes a large number of numeric control machines (Machining center, CNC horizontal and vertical lathe, CNC drilling machine) and ERP management system which significantly improve our machining quality and process control. SUNGO also employ a number of conventional lathe with capacity up to machine 52" gate valve. SUNGO manufacturing philosophy is to ensure stable quality and just in time delivery.





## Complete & Efficient Quality Control System

SUNGO developed an extensive and advanced inspection and test facilities to control the quality from rough castings or forgings to final products. These facilities enable us to do γ Radial test, Radio graphic test, Ultra-sonic test, dye penetration test, Magnetic test, Positive Material Identifier(PMI), Impact test, Tensile test, Hardness test, Fire safe test, Cryogenic test, Vacuum test, Low fugitive emission test, High pressure gas test, High temperature test and Hydro-static test.









## Trunnion Mounted Ball Valve

SUNGO series trunnion mounted ball valves featuring with 2-PC or 3-PC split body, trunnion mounted ball, It is ideal for frequent on-off flow control in big size and high pressure pipeline. SUNGO trunnion mounted ball valves are fire safe test certified by TUV per API 607.

### Design Feature:

- Urgent grease injection device • Full port or Reduce port • Fire safe design and certified • Double block & bleed
- Emergency sealant injection • Capacity pressure self relief • Blowout-proof stem • Anti-static • Optional double piston design

### Products Range:

Size:	2"~56" (Metal Seat type up to 42")
Rating:	Class 150~2500
Body materials:	WCB, LCB, LCC, CF8, CF8M, CF3, CF3M or Equivalent.
Trim:	A105+ENP, 13Cr, F304, F316
Operation:	Lever, Gear, Motor, Pneumatic operator
Details refer to SUNGO catalogue No.SUNGO-E-BV	



## Top Entry Ball Valve

SUNGO series top entry ball valve with uni-body, trunnion mounted ball. This type of valve gives convenient of in-line repair or replace valve internal components without dismantling it from pipeline. SUNGO top entry ball valves are all fire safe test per API 607.

### Design Feature:

- Cast steel uni-body(top entry) • Fire safe design and certified • Double block & bleed
- Emergency sealant injection • Capacity pressure self relief • Blowout-proof stem
- Anti-static • Optional double piston design

### Products Range:

Size:	2"~36"
Rating:	ANSI Class 150LB-1500LB
Body materials:	WCB, LCB, LCC, CF8, CF8M, CF3, CF3M or Equivalent.
Trim:	A105+ENP, 13Cr, F304, F316
Operation:	Lever, Gear, Motor, Pneumatic operator
Details refer to SUNGO catalogue No.SUNGO-E-BV	



## Floating Ball Valve

SUNGO series floating ball valves featuring 2-PC split body side entry or uni body, a very popular design in floating ball valve. SUNGO offers 3 main categories: Conventional design covers working temperature  $-46^{\circ}\text{C} \sim 200^{\circ}\text{C}$ ; Cryogenic design covers working temperature  $-196^{\circ}\text{C} \sim -46^{\circ}\text{C}$  and High performance design covers working temperature  $200^{\circ}\text{C} \sim 500^{\circ}\text{C}$ . All fire safe test were certified by TUV.

### 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: (2-PC design)

Size:	1/2"~12"
Rating:	ANSI Class 150LB,300LB
Body materials:	WCB, LCB,LCC,CF8,CF8M,CF3, CF3M or Equivalent.
Trim:	A105+ENP,13Cr,F304,F316
Operation:	Lever, Gear, Pneumatic operator

### Products Range: (Uni body design)

Size:	1/2"~8"
Rating:	ANSI 150LB,300LB
Body materials:	Carbon steel, Stainless Steel
Trim:	A105+ENP,13Cr,F304,F316
Operation:	Lever, Gear, Pneumatic operator

Details refer to SUNGO catalogue No.SUNGO-E-BV



## SD Series Ball Valve

SUNGO female threaded ball valves are suitable for use on pipelines of medium or low pressure to turn off or switch on pipeline medium. Operation manners are in general of manual, and pneumatic or electric actuators are available. Based on design structures, the valves get divided into three pieces, two pieces and one piece types.



### Design Feature:

- Fire safe certified
- Blowout-proof stem
- Full port
- Low emission control
- Optional locking device
- Threaded end: BSPT, NPT, DIN2999

### Products Range:

Size:	3/8"~2" (1-PC) 3/8"~3"(2-PC) 3/8"~4"(3-PC)
Rating:	ANSI Class 800LB,1500LB
Body materials:	WCB,CF8,CF8M,CF3,CF3M,A105,F304,F316 or Equivalent.
Trim:	A105+ENP,13Cr,F304,F316
End connection:	SW, NPT.

Details refer to SUNGO catalogue No.SUNGO-E-BV



## Triple Offset Butterfly Valve

Metal seated butterfly valves are become more and more popular in various industries. SUNGO standard metal seated butterfly valve is triple off-set design which has a advantage of light weight, cost effective and low operation torque. It is now replacing traditional gate, globe & ball valve in many industries.



### Design Feature & Products Range:

- Triple Offset • Zero leakage performance • Frictionless closure
- Blow-out proof shaft • ISO 5211 top flange

Size: 2"~120"

Rating: ANSI Class 150~2500 Temp. -196°C~800°C

Body material: WCB, LCB, CF8, CF8M, CF3, CF3M, WC6, WC9, or Equivalent.

End connection: Wafer, Lug, Double Flange or BW

Operation: Lever, Gear, Motor, Pneumatic operator

Details refer to SUNGO catalogue No.SUNGO-E-BFV



## Resilient Seated Butterfly Valve

### Design Feature & Products Range:

- Double Offset or Center Line • Blow-out proof shaft

Size: 2"~120"

Rating: Class 150~600

Body material: GGG50-7, FCD450-10(QT450-10), WCB, LCB, CF8, CF8M, ASTM 890-5A(2205) or Equivalent

Elastomer Material: EPDM, NBR, PTFE, Graphite laminated

End connection: Wafer, Lug, Double Flange

Operation: Lever, Gear, Motor, Pneumatic operator

Details refer to SUNGO catalogue No.SUNGO-E-BFV



## Pressure Seal Valve

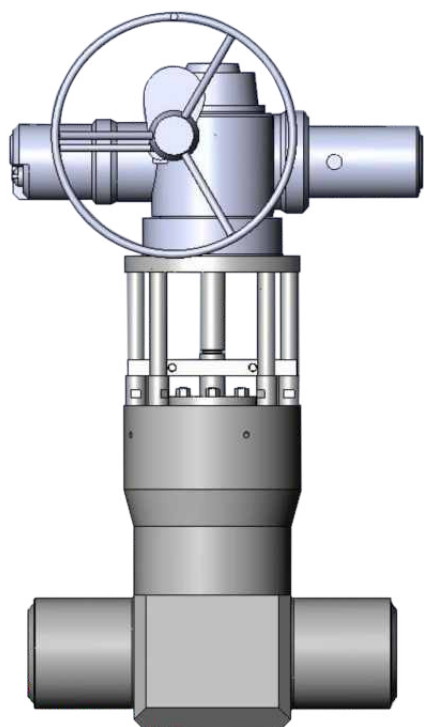
SUNGO pressure seal valves are designed for high temperature, high pressure, services mainly encountered in nuclear and fossil fuel power plant. Compare with bolted bonnet valves, SUNGO pressure seal valves are less complicated and can provide absolute excellent seal service with minimum maintenance.

### Design Feature:

- Pressure seal - uncomplicated design has segmented retaining ring and mild steel gasket to aid disassembly.
- Stellite seating surface
- Low emission control
- Fully guiding
- Absolute bonnet joint leak proof
- Optional by-pass design
- Integral backseat - hardfaced for maximum life.

### Products Range:

Type: Gate, Globe, Check  
 Size: 2"~24"  
 Rating: Class 600~ 3500  
 Materials: Carbon steel: ASTM A216 WCB  
 Alloy Steel: ASTM A217-WC6, WC9, C5, C12, F22, F91  
 Stainless Steel: CF8, CF8M, CF3, CF3M or Equivalent  
 Actuation: Handwheel, Gear, Motor operator  
 Details refer to SUNGO catalogue No.SUNGO-E- GGCV





## Gate Valve ( API 600 )

This line of valves is one of SUNGO main products. SUNGO cast steel gate valves are designed and manufactured to provide maximum service life and dependability. All gate valves are full ported and meet the design requirements of API-600 and ANSI B16.34. Valves are available in a complete range of body/bonnet materials and trims.



### Design Feature:

- Meet design requirements of ANSI B16.5, B16.34, B16.10 ,B16.25 (for NPS≤24), MSS SP-44(for NPS>24), API-600 or API 6D
- Inspection and Test: accord with API 598
- Full range of body/bonnet & trim materials
- Choice of solid, flex or split wedge design
- Back seating design
- Upset forged T-head stem design
- OS&Y construction
- Renewable seat rings--seal welded
- Full port design
- Full length wedge guides
- Optional impact hand wheel
- Optional lengthen stem

### Products Range:

Size:	NPS 2" -96" (DN50~DN2400)
Rating:	ANSI Class 150LB-2500LB ,PN2.5~PN420
Materials:	WCB,LCB,CF8,CF8M,CF3,CF3M,WC6,WC9, C5,C12 or Equivalent.
Actuation:	Handwheel, Gear, Electric Actuator
Details refer to SUNGO catalogue No.SUNGO-E- GGCV	



## Globe Valve ( BS1873 )

SUNGO cast steel globe valves are designed and manufactured to provide maximum service life and dependability. Valves meet the design requirements of API-600 and ANSI B16.34. Valves are available in a complete range of body/bonnet materials and trims.

### Design Feature:

- Meet design requirements of ANSI B16.5, B16.34, B16.10 , B16.25, API-600 or BS1873
- Inspection and Test: accord with API 598
- Full range of body/bonnet & trim materials
- Back seating/OS&Y construction design
- Renewable seat rings--seal welded
- Choice of plug or ball disc
- Flanged or butt weld ends
- Optional impact hand wheel

### Products Range:

Size:	NPS 2" -32" (DN50~DN800)
Rating:	Class150~2500
Materials:	WCB,LCB,CF8,CF8M,CF3,CF3M, WC6,WC9,C5,C12 or Equivalent.
Actuation:	Handwheel,Gear,Motor,Pneumatic
Details refer to SUNGO catalogue No.SUNGO-E- GGCV	



## Check Valve ( API 6D, BS1868 )

All SUNGO cast steel check valves are available in a complete range of body/bonnet materials and trims. The valves are designed to provide fast check valve action and maximum service life. All swing check valves are full ported, have full API 600 wall thickness, and meet the design requirements of ANSI B16.34.



### Design Feature:

- Meet design requirements of ANSI B16.5, B16.34, B16.10 ,B16.25 (for NPS≤24), MSS SP-44(for NPS>24),
- Inspection and Test: accord with API 598
- Full range of body/bonnet & trim materials
- Renewable seat rings--seal welded
- Anti-rotation disc
- Flanged or butt weld ends
- Optional outside lever
- Full port design-API wall thickness

### Products Range:

Size:	NPS 2" -48" (DN50~DN1200)
Rating:	Class150~2500
Materials:	WCB,LCB,CF8,CF8M,CF3,CF3M, WC6,WC9,C5,C12 or Equivalent.
Details refer to SUNGO catalogue No.SUNGO-E- GGCV	

## Check Valve (API594,API 6D)

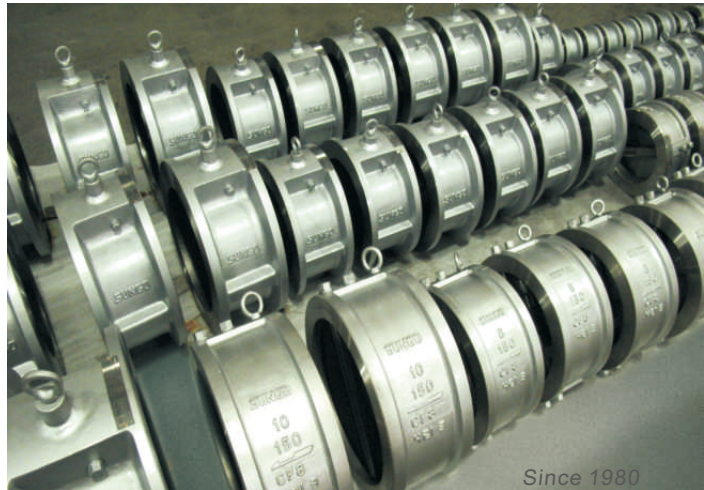
In modern flow control industry, wafer check valves are more and more popular because of their compactness design, ease of installation and lower & maintenance costs than traditional flanged swing checks. SUNGO now both offer single plate and dual plate wafer with various material selection option.

### Design Feature:

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

### Products Range:

Size:	2"-78"
Rating:	Class 150~1500
Body materials:	WCB,LCB,CF8,CF8M,CF3,CF3M, WC6,WC9,C5,C12 or Equivalent.
Details refer to SUNGO catalogue No.SUNGO-E-GGCV	



## Plug Valve & DBB Plug Valve

### Design Feature:

- Reliable seal
- Structure of flip-chip balanceable pressure
- Light on/off operation
- Oil groove design
- Design ACC. to API599 or API6D

### Products Range:

Size:	2"~40"
Rating:	ANSI Class 150LB~900LB
Body materials:	WCB, LCB,CF8,CF8M,CF3,CF3M or Equivalent.
End connection:	Flanged or BW
Operation:	Lever, Gear, Motor, Pneumatic operator
Details refer to SUNGO catalogue No.SUNGO-E-PV	





## Forged Steel Valve (API 602)

### Design Feature:

- Solid wedge (gate)
- Bolted or welded bonnet
- Full port or reduce port
- Optional bellow seal(gate,globe)
- Optional plug disc or needle disc(globe)
- Optional lift type or swing type(check)

### Products Range:

Type:	Gate, Globe, Check
Size:	1/2"~3"
Rating:	ANSI Class 800LB,1500LB,2500LB
Body materials:	A105,F11,F22,F304,F316,F5,F51,F53 or Equivalent.
End connection:	Flanged,NPT,SW or BW
Details refer to SUNGO catalogue No.SUNGO-E-FSV	



## Gear & Actuator

