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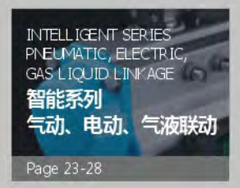
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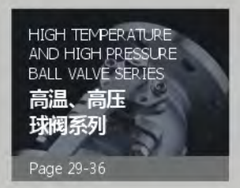


FLANGED BALL VALVE SERIES
法兰球阀系列
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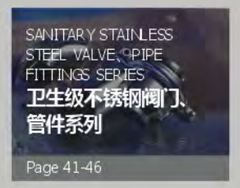

THREAD, WELDING, QUICK RELEASE VALVE SERIES
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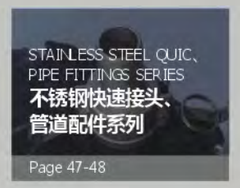

FLANGED GATE VALVE/ CUT-OFF VALVE/CHECK / FILTER,/BUTTERFLY VALVE
法兰闸阀/截止阀/止回阀/过滤器/蝶阀
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INTELLIGENT SERIES PNEUMATIC, ELECTRIC, GAS LIQUID LINKAGE
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Page 41-46


STAINLESS STEEL QUIC、PIPE FITTINGS SERIES
不锈钢快速接头、管道配件系列
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科威纳国际有限公司成立于1999年，专业生产管路流体专用［电磁阀］，自创品牌［科威纳COVNA］行销世界各地，在国际市场与欧、美、日等主要工业国家竞争，品质深受肯定。

目前在二位二通［电磁阀］的领域中，销售遍及全国各地，总经理自从踏入阀门界及管路流体自动化、省力化这个行业，即本著［品质第一，服务第一，信誉第一］三个第一的经营理念，使产品品质跟产量在国际市场与欧、美、日并驾齐驱，价格公道，更有法国，西班牙等国家的医疗器械界指定装置［科威纳COVNA］电磁阀，可见品牌已受到各行各业的肯定。

本公司生产之［电磁阀］及［阀门］已经广泛使用于机器自动化设计上，如水位控制、温度控制、冷冻空调、自动填充设备、消防泥水、专业灌溉、水疗按摩（SPA）、蒸气药浴、太阳能热水工程、水处理、环保设备、化工机食品机器等行业。
如果产业界在各式控制阀设计研发有需要，本公司是（ISO-9001）国际品保证认工厂，并通过［（（］工业安全规范、［CSA］、［UL429］认证，有研发设计部门来为业界服务及解答难题。

MILESTONES, EPOCH-MAKING.
FLUID INDUSTRIAL SERVICES FOR THE WORLD

# 前言——里程碑，划时代
# 为世界流体工业服务

科威納 COVNA® VALVE

DONGGUAN COVNA AUTOMAINDUSTRY CO,:LTD . is COVINA INTERNATIONAL (HK) LIMITED. Was established in 1999, specializing in the production of flow in the pipeline special [solenoid valve], [families, under its own brand name willy COVNA "] marketing all over the world, and in the international market and to Europe, the U.S., Japan and other major industrial countries competition, quality deeply sure
.
At present in two position twoway valveway valve [solenoid valve] in the field. Export capacity the first in the nation, sales of all over the world, the general manager since Valve industry and stepped into the flow in the pipeline, ShengLiHua this industry automation, namely in the [quality first, service first, reputation first] three first management concept, make the product quality and production in the international market and to Europe, the U.S., Japan with the reasonable price, more France, Spain, and other countries of the world medical devices designated device [families, has COVNA "] electromagnetic valve, visible brand has been sure people from all walks of life.

This company produces the [solenoid valve] and [pneumatic valve] has been widely used in machine automation design, such as water level control, temperature control, air conditioner, automatic filling equipment, fire control, professional irrigation, the SPA massage (SPA), steam dipping, solar water heating engineering, water treatment and environmental protection equipment, chemical industry machine food machine, etc.

MILESTONES, EPOCH-MAKING.
FLUID INDUSTRIAL SERVICES FOR THE WORLD



CONTINUOUS IMPROVEMENT IS OUR DRIVING FORCE FOR SUSTAINABLE DEVELOPMENT

# 研发与装备-不断改进产品是我们持续发展的动力

我们希望通过我们完善的设计、制造和售后服务确保每一台产品在有效使用期内充分发挥各项设计性能指标。我们决心拥有先进的制造手段/完善的检验设施的美誉度市场占有率多客户的各项诚信服务视为多用户应有的承诺。我们拥有世界先进的生产装备，运用崭新的工业概念及强大的技术力量，生产出符合国际标准的高品质终极产品。

We will make sure that all machines can exert their performances in effective life by our perfect design, manufacture and service. We make up our minds to have advanced manufacture way, perfect test equipment and high market share, and make promise to users by creditable service. We own world advanced production equipment and produce high-quality final products of international standard with brand new industrial concept and strong technical forces.






www.covna-group.com
sales@covna-china.com

## 公司环境 Company environment




公司前台
Company outlook



办公室
The office



产品展示台
Product Placements



会议室
Conference hall

## 客户合影 Customer photos




德国客户合影
German customers group photo



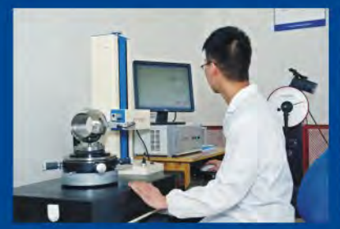

意大利客户合影
Italy customer group photo




美国客户合影
America customers group photo




西班牙客户合影
Spanish client group photo



圆度测试 Circularity test



寿命试验 Life Test



耐温试验 Temperature test



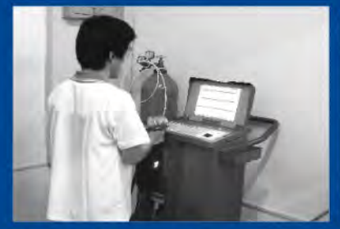
拉伸试验 Tensile Test



压力试验 Pressure Test



冲击实验 Tmpact test



光谱分析 Spectral Analysis



防火试验 Fire Test



检验 Thread Inspection

www.covna-china.com
www.covna-valve.com

FINE,
STANDARD AND EFFECTIVE MANAGEMENT

# 精细、规范、行之有效的管理

科威纳对企业生产的所有物料，包括原材料、零部件、在制品、半成品及产品，以及辅助物料进行合理控制和管理。公司在生产过程中，严格按照 ISO9001 质量管理体系的要求进行管理，通过提高工作质量保证产品的稳定性， 同时加强客户服务的管理，多年来公司产品质量检验的合格率达到100%。绝不让一件不合格的产品出厂，我们相信这既是对客户负责，更是对我们自己负责。

COVNA carries out reasonable control and management of all materials for production, including raw materials, parts, work in process, semi-finished products, finished products, as well as auxiliary materials.
The production process is controlled in strict accordance with ISO9001 quality management system. Over the years, our company has always maintained a product quality inspection qualification rate of 100% through improving work quality, ensuring product stability and promoting customer service.We will never sell one unqualified product to clients. We believe that it not only means the responsibility for customers, but also for ourselves.

















# 01

HIGH MOUNTING PAD
BALL VALVE SERIES

## 高平台
## 球阀系列




Products applicable to petroleum, chemical, natural gas, light industry, electric power, pharmaceuticals, dyes, metallurgy, fiber, leather, textile, food, military, construction, refrigeration, water supply and other industries.





3PC TYPE BALL VALVE WITH INTERNAL THREAD(HIGH MOUNTING PAD)
(WCB, CF8, CF8M)

## 高平台三片式
## 内螺纹球阀



①



②

① (1000WOG)三片式内螺纹球阀(高平台、带锁)
(1000 WOG)3PC Type Ball Valve With Internal Thread(high Mounting Pad、Locking)
Q11F–(16–64)C、P、R

② (2000 WOG)三片式内螺纹球阀(防火型)
(2000 WOG)3PC Type Ball Valve With Internal Thread(Fire Safe)
Q11F–(16–140)C、P、R

### 主要零件材料 Materials of main parts

| 零件名称 Description of Parts | Q11F–(16–140)C | Q11F–(16–140)P | Q11F–(16–140)R |
|---|---|---|---|
| 阀体 Body | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 阀盖 Bonnet | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 球体 Ball | 1Cr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 阀杆 Stem | 1Cr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 密封圈 Sealing | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |
| 填料 Packing | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |

### 性能规范 Specifications

公称压力：PN1.6,2.5,4.0,6.4,10,14MPa
强度试验压力：PT2.4,3.8,6.0,9.6,15,21MPa
低压气密封试验压力：0.6MPa
适用介质：Q11F–(16–140)C 水、油品、气
适用温度：–29~180℃
适用介质：Q11F–(16–140)P 硝酸类
Q11F–(16–140)R 醋酸类
适用温度：–40~180℃

Nominal pressure：PN1.6,2.5,4.0,6.4,10,14MPa
Strength testing pressure：PT2.4,3.8,6.0,9.6,15,21MPa
Seat testing pressure (low pressure)：0.6MPa
Applicable media：
Q11F–(16–140)C Water.Oil.Gas
Applicable temperature：–29~180℃
Applicable media：
Q11F–(16–140)P Nitric acid
Q11F–(16–140)R Acetic acid
Applicable temperature：–40~180℃

NEW TECHNOLOGIES,
NEW PROCESSES, CREATED A GOOD PRODUCT

# 新技术，新工艺，铸就好产品




















WE OWN WORLD ADVANCED PRODUCTION EQUIPMENT
AND PRODUCE HIGH-QUALITY FINAL PRODUCTS OF INTERNATIONAL

**引进德国斯派克直读式光谱仪进行材质化验，**
**保证产品的质量**

公司已通过IS09001:2000质量体系认证。完善的质量保证体系，可以保证整个设计、制造过程受到监督和控制。品质体现我们的尊严，出类拔萃的品质拒绝平庸，一丝不苟，千锤百炼，标准化的管理体系和系统化的品质保证体系让科威纳品质在世界的每个角落都畅通无阻，埃尼斯阀门通过与合作者们卓有成效的努力，正促使“科威纳阀门”成为世界上无可挑剔的品质。

The company has been certified to ISO 9001:2000. The complete quality assurance system enables the whole design and manufacturing process to be monitored and controlled. The quality shows our character and the brilliant quality rejects the mediocrity. Meticulously and highly finished. With standardized management system and systematic quality assurance system, the product quality of COVNA has received the reliance of customers all over the world. Though the effective efforts with cooperators, we are promoting the quality of our COVNA products to be the most impeccable in the world.









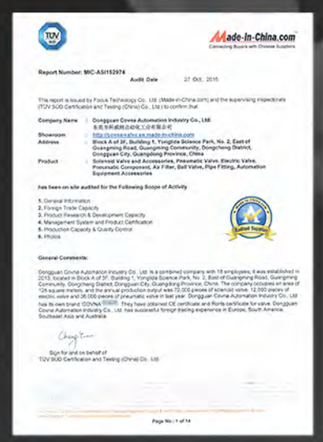



























Products applicable to petroleum, chemical, natural gas, light industry,electric power, pharmaceuticals, dyes, metallurgy, fiber, leather, textile, food, military, construction, refrigeration, water supply and other industries.

MILESTONES, EPOCH-MAKING,
FLUID INDUSTRIAL SERVICES FOR THE WORLD

**精工细作**
**极致品质**



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THREAD, WELDING, QUICK
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**螺纹、焊接、快装阀门系列**

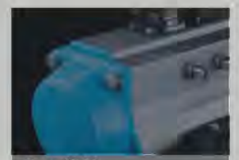

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FLANGED GATE VALVE/CUT-OFF VALVE/
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**止回阀/过滤器/蝶阀**


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ELECTRIC, GAS LIQUID LINKAGE
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TITANIUM, NICKED
VALVE SERIES
**钛、镍等**
**特殊材质阀门**


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SANITARY STAINLESS STEEL
VALVE、PIPE FITTINGS SERIES
**卫生级不锈钢阀门、**
**管件系列**

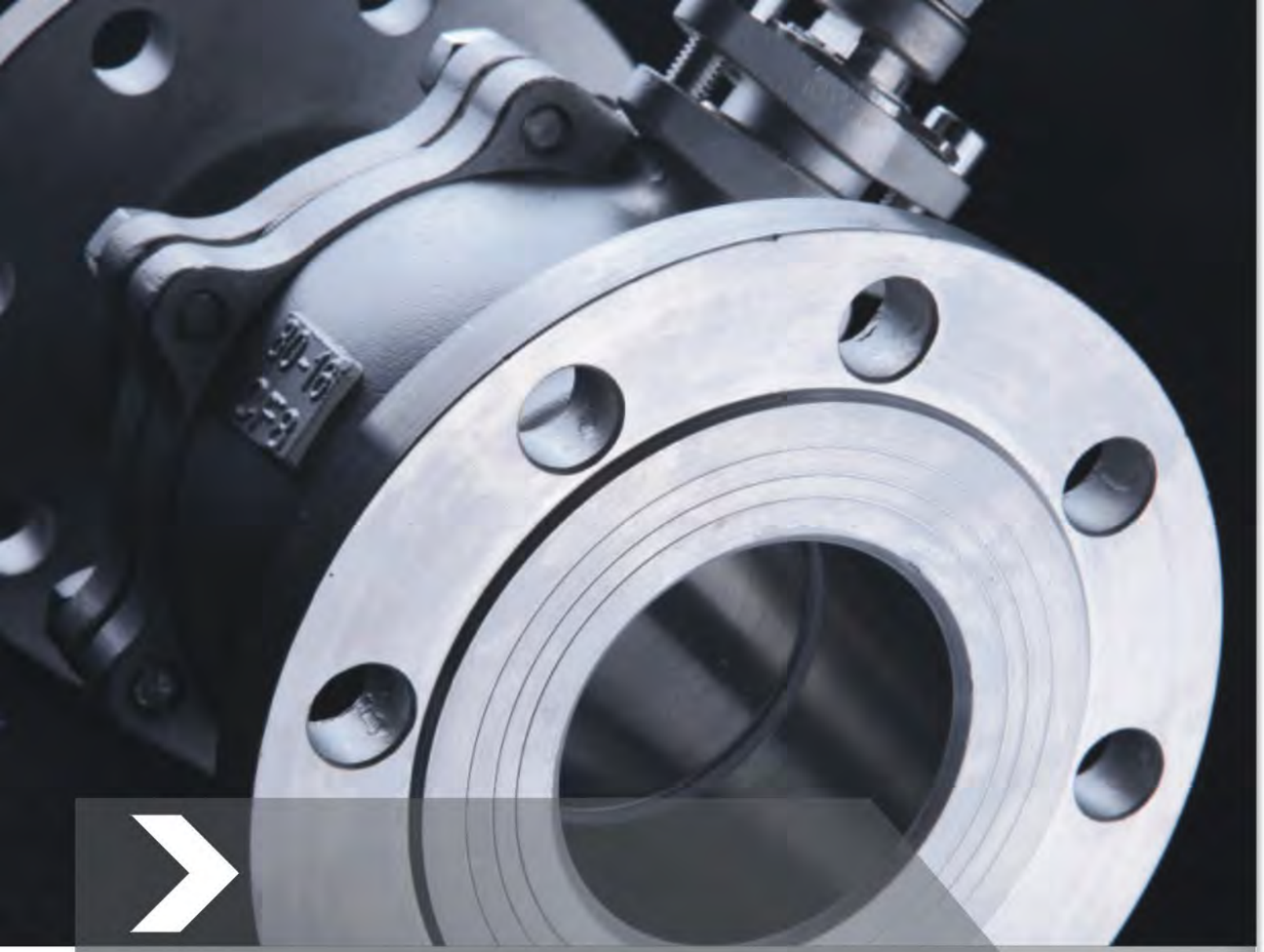

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**不锈钢快速接头、**
**管道配件系列**


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# FLANGE
# BALL VALVE SERIES
## 01 法兰球阀系列

Products applicable to petroleum, chemical, natural gas, light industry, electric power, pharmaceuticals, dyes, metallurgy, fiber, leather, textile, food, military, construction, refrigeration, water supply and other industries.



GB FLANGED BALL VALVE
(WCB, CF8, CF8M, Ti, Ni)
# 国标法兰球阀

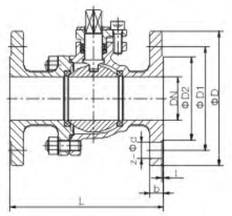




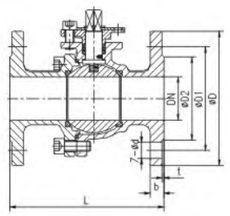
### 设计标准 Design standards

技术规范：国标
设计标准：GB/T 12237
结构长度：GB/T 12221
连接法兰：GB/T 9113 JB 79　HG 20592
试验与检验：GB/T 12237 JB 9092

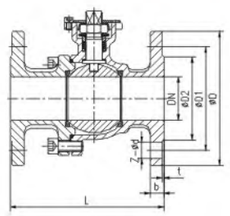
Technical specification：GB
Design Standard：GB/T 12237
Face to Face：GB/T 12221
Flanged Ends：GB/T 9113 JB 79　HG 20592
Test and Inspection：GB/T 12237 JB 9092



不带平台



低平台



高平台

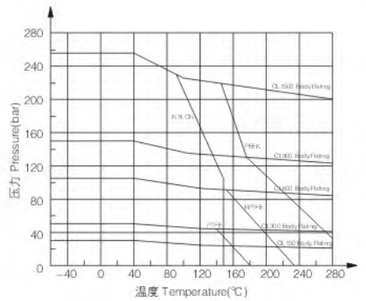
### 主要零件材料 Materials of main parts

| 材料名称 Material Name | 碳钢 Carbon steel | 不锈钢 Stainless steel | |
|---|---|---|---|
| 阀体 Body | A216 WCB | A351 CF8 | A351 CF8M |
| 阀盖 Bonnet | A216 WCB | A351 CF8 | A351 CF8M |
| 球体 Ball | A276 304 / A276 316 | | |
| 阀杆 Stem | 2Cr13 / A276 304 / A276 316 | | |
| 阀座 Seat | PTFE、RPTFE | | |
| 填料 Gland Packing | PTFE/柔性石墨 PTFE / Flexible Graphite | | |
| 压盖 Gland | A216 WCB | A351 CF8 | |
| 螺柱 Bolt | A193-B7 | A193-B8M | |
| 螺母 Nut | A194-2H | A194-8 | |

### 性能规范 Specifications

公称压力：1.6，2.5，4.0，6.3Mpa
强度试验：2.4，3.8，6.0，9.5Mpa
密封试验：1.8，2.8，4.4，7.0Mpa
上密封试验：1.8，2.8，4.4，7.0Mpa
气密封试验：0.6Mpa
阀门主体材料：WCB(C)，CF8(P)，CF3(PL)，CF8M(R)，CF3M(RL)
适用介质：水、蒸汽、油品，硝酸类，醋酸类
适用温度：-29℃~180℃

Nominal pressure: 1.6.2.5.4.0.6.3 Mpa
Strength test: 2.4.3.8.6.0.9.5Mpa
Seal Test: 1.8.2.8.4.4.7.0Mpa
The seal test: 1.8.2.8.4.4.7.0Mpa
Gas seal test: 0.6Mpa
Valve body material: WCB (C), CF8 (P), the CF3 (PL), CF8M (R), CF3M (RL)
Suitable medium: water, steam, oil products, nitric acid, acetic acid
Suitable temperature: -29℃~180℃



GB FLANGED BALL VALVE
(WCB, CF8, CF8M, Ti, Ni)

# 国标法兰球阀

主要外形尺寸和连接尺寸
The main dimensions and connection dimensions

国标(GB) 1.6MPa　　单位：mm

| 公称通径 DN(mm) | L 短系列 Short series | L 中系列 In series | D | D1 | D2 | b | t | Z-Φd |
|---|---|---|---|---|---|---|---|---|
| 15 | 108 | 130 | 95 | 65 | 45 | 14 | 2 | 4-Φ14 |
| 20 | 117 | 130 | 105 | 75 | 55 | 14 | 2 | 4-Φ14 |
| 25 | 127 | 140 | 115 | 85 | 65 | 14 | 2 | 4-Φ14 |
| 32 | 140 | 165 | 140/135 | 100 | 78 | 16 | 2 | 4-Φ18 |
| 40 | 165 | 165 | 150/145 | 110 | 85 | 16 | 3 | 4-Φ18 |
| 50 | 178 | 203 | 165/160 | 125 | 100 | 16 | 3 | 4-Φ18 |
| 65 | 190 | 222 | 185/180 | 145 | 120 | 18 | 3 | 4-Φ18 |
| 80 | 203 | 241 | 200/195 | 160 | 135 | 20 | 3 | 8-Φ18 |
| 100 | 229 | 280 | 220/215 | 180 | 155 | 20 | 3 | 8-Φ18 |
| 125 | | 320 | 250/245 | 210 | 185 | 22 | 3 | 8-Φ18 |
| 150 | | 360 | 285/280 | 240 | 210 | 24 | 3 | 8-Φ23 |
| 200 | | 457 | 340/335 | 295 | 265 | 26 | 3 | 12-Φ23 |
| 250 | | 533 | 405 | 355 | 320 | 30 | 3 | 12-Φ25 |
| 300 | | 610 | 460 | 410 | 375 | 30 | 3 | 12-Φ25 |
| 350 | | 686 | 520 | 470 | 435 | 34 | 3 | 16-Φ25 |

国标(GB) 2.5MPa　　单位：mm

| 公称通径 DN(mm) | L 短系列 Short series | L 中系列 In series | D | D1 | D2 | b | t | Z-Φd |
|---|---|---|---|---|---|---|---|---|
| 15 | 108 | 130 | 95 | 65 | 45 | 16 | 2 | 4-Φ14 |
| 20 | 117 | 130 | 105 | 75 | 55 | 16 | 2 | 4-Φ14 |
| 25 | 127 | 140 | 115 | 85 | 65 | 16 | 2 | 4-Φ14 |
| 32 | 140 | 165 | 140/135 | 100 | 78 | 18 | 2 | 4-Φ18 |
| 40 | 165 | 165 | 150/145 | 110 | 85 | 18 | 3 | 4-Φ18 |
| 50 | 178 | 203 | 165/160 | 125 | 100 | 20 | 3 | 4-Φ18 |
| 65 | 190 | 222 | 185/180 | 145 | 120 | 22 | 3 | 8-Φ18 |
| 80 | 203 | 241 | 200/195 | 160 | 135 | 22 | 3 | 8-Φ18 |
| 100 | 229 | 280 | 230 | 190 | 160 | 24 | 3 | 8-Φ23 |
| 125 | | 320 | 270 | 220 | 188 | 28 | 3 | 8-Φ25 |
| 150 | | 360 | 300 | 250 | 218 | 30 | 3 | 8-Φ25 |
| 200 | | 457 | 360 | 310 | 278 | 34 | 3 | 12-Φ25 |
| 250 | | 533 | 425 | 370 | 332 | 36 | 3 | 12-Φ30 |
| 300 | | 610 | 485 | 430 | 390 | 40 | 3 | 16-Φ30 |
| 350 | | 686 | 555/550 | 490 | 448 | 44 | 3 | 16-Φ34 |

国标(GB) 4.0MPa　　单位：mm

| 公称通径 DN(mm) | L | D | D1 | D2 | b | t | Z-Φd |
|---|---|---|---|---|---|---|---|
| 15 | 140 | 95 | 65 | 45 | 16 | 2 | 4-Φ14 |
| 20 | 152 | 105 | 75 | 55 | 16 | 2 | 4-Φ14 |
| 25 | 165 | 115 | 85 | 65 | 16 | 2 | 4-Φ14 |
| 32 | 178 | 140/135 | 100 | 78 | 18 | 2 | 4-Φ18 |
| 40 | 190 | 150/145 | 110 | 85 | 18 | 3 | 4-Φ18 |
| 50 | 216 | 165/160 | 125 | 100 | 20 | 3 | 4-Φ18 |
| 65 | 241 | 185/180 | 145 | 120 | 22 | 3 | 8-Φ18 |
| 80 | 283 | 200/195 | 160 | 135 | 22 | 3 | 8-Φ18 |
| 100 | 305 | 235/230 | 190 | 160 | 24 | 3 | 8-Φ23 |
| 125 | 381 | 270 | 220 | 188 | 28 | 3 | 8-Φ25 |
| 150 | 403 | 300 | 250 | 218 | 30 | 3 | 8-Φ25 |
| 200 | 419 | 375 | 320 | 282 | 38 | 3 | 12-Φ30 |
| 250 | 457 | 450/445 | 385 | 345 | 42 | 3 | 12-Φ34 |
| 300 | 502 | 515/510 | 150 | 408 | 46 | 3 | 16-Φ34 |
| 350 | 762 | 580/570 | 310 | 465 | 52 | 3 | 16-Φ34 |

国标(GB) 6.3MPa　　单位：mm

| 公称通径 DN(mm) | L | D | D1 | D2 | b | t | Z-Φd |
|---|---|---|---|---|---|---|---|
| 15 | 140 | 105 | 75 | 55 | 18 | 2 | 4-Φ14 |
| 20 | 152 | 130 | 90 | 68 | 20 | 2 | 4-Φ18 |
| 25 | 165 | 140 | 100 | 78 | 22 | 2 | 4-Φ18 |
| 32 | 178 | 155 | 110 | 82 | 24 | 2 | 4-Φ23 |
| 40 | 190 | 170 | 125 | 95 | 24 | 3 | 4-Φ23 |
| 50 | 216 | 180 | 135 | 105 | 26 | 3 | 4-Φ23 |
| 65 | 241 | 205 | 160 | 130 | 28 | 3 | 8-Φ23 |
| 80 | 283 | 215 | 170 | 140 | 30 | 3 | 8-Φ23 |
| 100 | 305 | 250 | 200 | 168 | 32 | 3 | 8-Φ25 |
| 125 | 381 | 295 | 240 | 202 | 36 | 3 | 8-Φ30 |
| 150 | 403 | 345 | 280 | 240 | 38 | 3 | 8-Φ34 |
| 200 | 419 | 405 | 345 | 300 | 44 | 3 | 12-Φ34 |
| 250 | 457 | 470 | 400 | 352 | 48 | 3 | 12-Φ41 |
| 300 | 502 | 530 | 460 | 412 | 54 | 3 | 16-Φ41 |
| 350 | 762 | 600 | 525 | 475 | 60 | 3 | 16-Φ41 |

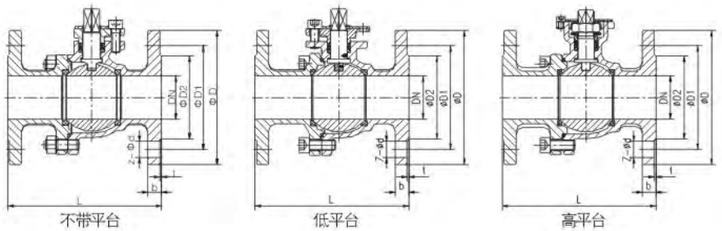




AS FLANGED BALL VALVE
(WCB, CF8, CF8M, Ti, Ni)

# 美标法兰球阀






## 主要零件材料 Materials of main parts

| 材料名称 Material Name | 碳钢 Carbon steel | 不锈钢 Stainless steel | |
|---|---|---|---|
| 阀体 Body | A216 WCB | A351 CF8 | A351 CF8M |
| 阀盖 Bonnet | A216 WCB | A351 CF8 | A351 CF8M |
| 球体 Ball | A276 304 / A276 316 | | |
| 阀杆 Stem | 2Cr13 / A276 304 / A276 316 | | |
| 阀座 Seat | PTFE、RPTFE | | |
| 填料 Gland Packing | PTFE/柔性石墨 PTFE / Flexible Graphite | | |
| 压盖 Gland | A216 WCB | A351 CF8 | |
| 螺柱 Bolt | A193-B7 | A193-B8M | |
| 螺母 Nut | A194-2H | A194-8 | |

## 设计标准 Design standards

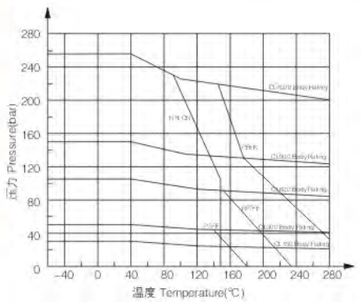
技术规范：美标
设计标准：API6D API608
结构长度：ASME B16.10
连接法兰：ASME B16.5
试验与检验：API6D API598

Technical specifications: AS
Design standards: API6D API608
Structure length: ASME B16.10
Connection flange: ASME B16.5
Test and Inspection: API6D API598

## 性能规范 Specifications

公称压力：150，300，600LB
强度试验：PT3.0，7.5，15Mpa
密封试验：2.2，5.5，11Mpa
上密封试验：2.2，5.5，11Mpa
气密封试验：0.6Mpa
阀门主体材料：WCB(C)，CF8(P)，CF3(PL)，CF8M(R)，CF3M(RL)
适用介质：水、蒸汽、油品，硝酸类，醋酸类
适用温度：-29℃~180℃

Nominal pressure: 150,300,600 LB
Strength test: PT3.0, 7.5,15 Mpa
Seal Test: 2.2,5.5,11 Mpa
The seal test: 2.2,5.5,11 Mpa
Gas seal test: 0.6Mpa
The valve main material: WCB (C), CF8 (P), CF3 (PL), CF8M (R), CF3M (RL)
Suitable medium: water, steam, oil products, nitric acid, acetic acid
Suitable temperature: -29℃~180℃



AS FLANGED BALL VALVE
(WCB, CF8, CF8M, Ti, Ni)

# 美标法兰球阀

主要外形尺寸和连接尺寸
The main dimensions and connection dimensions



美标(ANSI)：150LB　　单位：mm

| 公称通径 Nominal Diameter | | L | D | D1 | D2 | b | t | Z-Φd |
|---|---|---|---|---|---|---|---|---|
| in | DN | | | | | | | |
| 1/2'' | 15 | 108 | 90 | 60.3 | 34.9 | 10 | 1.6 | 4-Φ16 |
| 3/4'' | 20 | 117 | 100 | 69.9 | 42.9 | 11 | 1.6 | 4-Φ16 |
| 1'' | 25 | 127 | 110 | 79.4 | 50.8 | 12 | 1.6 | 4-Φ16 |
| 1 1/4'' | 32 | 140 | 115 | 88.9 | 63.5 | 13 | 1.6 | 4-Φ16 |
| 1 1/2'' | 40 | 165 | 125 | 98.4 | 73 | 15 | 1.6 | 4-Φ16 |
| 2'' | 50 | 178 | 150 | 120.7 | 92.1 | 16 | 1.6 | 4-Φ19 |
| 2 1/2'' | 65 | 190 | 180 | 139.7 | 104.8 | 18 | 1.6 | 4-Φ19 |
| 3'' | 80 | 203 | 190 | 152.4 | 127 | 19 | 1.6 | 4-Φ19 |
| 4'' | 100 | 229 | 230 | 190.5 | 157.2 | 24 | 1.6 | 8-Φ19 |
| 5'' | 125 | 356 | 255 | 215.9 | 185.7 | 24 | 1.6 | 8-Φ22 |
| 6'' | 150 | 394 | 280 | 241.3 | 215.9 | 26 | 1.6 | 8-Φ22 |
| 8'' | 200 | 457 | 345 | 298.5 | 269.9 | 29 | 1.6 | 8-Φ22 |
| 10'' | 250 | 533 | 405 | 362 | 323.8 | 31 | 1.6 | 12-Φ25 |
| 12'' | 300 | 610 | 485 | 431.8 | 381 | 32 | 1.6 | 12-Φ25 |
| 14'' | 350 | 686 | 535 | 476.3 | 412.8 | 35.5 | 1.6 | 12-Φ29 |

美标(ANSI)：300LB　　单位：mm

| 公称通径 Nominal Diameter | | L | D | D1 | D2 | b | t | Z-Φd |
|---|---|---|---|---|---|---|---|---|
| in | DN | | | | | | | |
| 1/2'' | 15 | 140 | 95 | 66.7 | 34.9 | 15 | 1.6 | 4-Φ16 |
| 3/4'' | 20 | 152 | 115 | 82.6 | 42.9 | 16 | 1.6 | 4-Φ19 |
| 1'' | 25 | 165 | 125 | 88.9 | 50.8 | 18 | 1.6 | 4-Φ19 |
| 1 1/4'' | 32 | 178 | 135 | 98.4 | 63.5 | 19 | 1.6 | 4-Φ19 |
| 1 1/2'' | 40 | 190 | 155 | 114.3 | 73 | 21 | 1.6 | 4-Φ22 |
| 2'' | 50 | 216 | 165 | 127 | 92.1 | 23 | 1.6 | 8-Φ19 |
| 2 1/2'' | 65 | 241 | 190 | 149.2 | 104.8 | 26 | 1.6 | 8-Φ22 |
| 3'' | 80 | 282 | 210 | 168.3 | 127 | 29 | 1.6 | 8-Φ22 |
| 4'' | 100 | 305 | 255 | 200 | 157.2 | 32 | 1.6 | 8-Φ22 |
| 5'' | 125 | 381 | 280 | 235 | 185.7 | 35 | 1.6 | 8-Φ22 |
| 6'' | 150 | 403 | 320 | 269.9 | 215.9 | 37 | 1.6 | 12-Φ22 |
| 8'' | 200 | 502 | 380 | 330.2 | 269.9 | 42 | 1.6 | 12-Φ25 |
| 10'' | 250 | 568 | 445 | 387.4 | 323.8 | 48 | 1.6 | 16-Φ29 |
| 12'' | 300 | 648 | 520 | 450.8 | 381 | 51.5 | 1.6 | 16-Φ32 |
| 14'' | 350 | 762 | 585 | 514.4 | 412.8 | 54.5 | 1.6 | 20-Φ32 |

美标(ANSI)：600LB　　单位：mm

| 公称通径 Nominal Diameter | | L | D | D1 | D2 | b | t | Z-Φd |
|---|---|---|---|---|---|---|---|---|
| in | DN | | | | | | | |
| 1/2'' | 15 | 165 | 95 | 66.7 | 34.9 | 21 | 6.4 | 4-Φ16 |
| 3/4'' | 20 | 190 | 115 | 82.6 | 42.9 | 23 | 6.4 | 4-Φ19 |
| 1'' | 25 | 216 | 125 | 88.9 | 50.8 | 24 | 6.4 | 4-Φ19 |
| 1 1/4'' | 32 | 229 | 135 | 98.4 | 63.5 | 27.5 | 6.4 | 4-Φ19 |
| 1 1/2'' | 40 | 241 | 155 | 114.3 | 73 | 29 | 6.4 | 4-Φ22 |
| 2'' | 50 | 292 | 165 | 127 | 92.1 | 32 | 6.4 | 8-Φ19 |
| 2 1/2'' | 65 | 330 | 190 | 149.2 | 104.8 | 35 | 6.4 | 8-Φ22 |
| 3'' | 80 | 356 | 210 | 168.3 | 127 | 38.5 | 6.4 | 8-Φ22 |
| 4'' | 100 | 432 | 275 | 215.9 | 157.2 | 45 | 6.4 | 8-Φ25 |
| 5'' | 125 | 508 | 330 | 266.7 | 185.7 | 51.5 | 6.4 | 8-Φ29 |
| 6'' | 150 | 559 | 355 | 292.1 | 215.9 | 54.5 | 6.4 | 12-Φ29 |
| 8'' | 200 | 660 | 420 | 349.2 | 269.9 | 62 | 6.4 | 12-Φ32 |
| 10'' | 250 | 787 | 510 | 431.8 | 323.8 | 70 | 6.4 | 16-Φ35 |
| 12'' | 300 | 838 | 560 | 489 | 381 | 73.5 | 6.4 | 20-Φ35 |
| 14'' | 350 | 889 | 605 | 527 | 412.8 | 76.5 | 6.4 | 20-Φ38 |

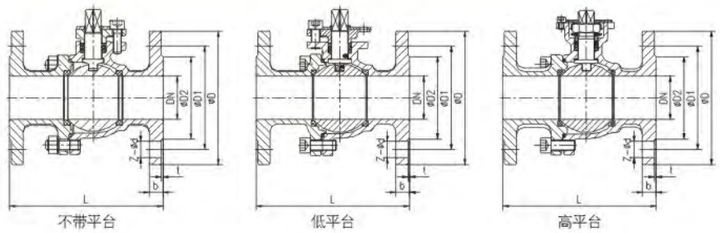




JS FLANGED BALL VALVE
(WCB, CF8, CF8M, Ti, Ni)

# 日标法兰球阀






不带平台　　低平台　　高平台

## 设计标准 Design standards

技术规范：日标
设计标准：JIS B2071
结构长度：JIS B2002
连接法兰：JIS B2212、B2214
试验与检验：JIS B2003

Technical Specification: JS
Design standards: JIS B2071
Length of the structure: JIS B2002
Connection Flange: JIS B2212, B2214
Test and Inspection: JIS B2003

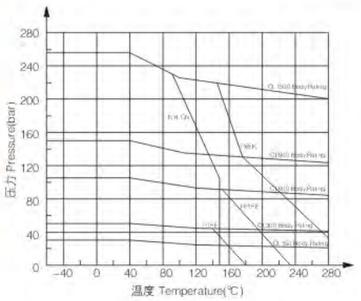
## 性能规范 Specifications

公称压力：10，20K
强度试验：PT2.4，5.8Mpa
密封试验：1.5，4.0Mpa
上密封试验：1.5，4.0Mpa
气密封试验：0.6Mpa
阀门主体材料：WCB(C)，CF8(P)，CF3(PL)，CF8M(R)，CF3M(RL)
适用介质：水，蒸汽，油品，硝酸类，醋酸类
适用温度：-29℃~180℃

Nominal pressure: 10,20 K
Strength test: PT2.4, 5.8Mpa
Seal Test: 1.5,4.0 Mpa
The seal test: 1.5,4.0 Mpa
Gas seal test: 0.6Mpa
The valve main material: WCB (C), CF8 (P), CF3 (PL), CF8M (R), CF3M (RL)
Suitable medium: water, steam, oil products, nitric acid, acetic acid
Suitable temperature: -29℃~180℃

## 主要零件材料 Materials of main parts

| 材料名称 Material Name | 碳钢 Carbon steel | 不锈钢 Stainless steel | |
|---|---|---|---|
| 阀体 Body | A216 WCB | A351 CF8 | A351 CF8M |
| 阀盖 Bonnet | A216 WCB | A351 CF8 | A351 CF8M |
| 球体 Ball | A276 304 / A276 316 | | |
| 阀杆 Stem | 2Cr13 / A276 304 / A276 316 | | |
| 阀座 Seat | PTFE、RPTFE | | |
| 填料 Gland Packing | PTFE/柔性石墨 PTFE / Flexible Graphite | | |
| 压盖 Gland | A216 WCB | A351 CF8 | |
| 螺柱 Bolt | A193-B7 | A193-B8M | |
| 螺母 Nut | A194-2H | A194-8 | |



JS FLANGED BALL VALVE
(WCB, CF8, CF8M, Ti, Ni)

# 日标法兰球阀

主要外形尺寸和连接尺寸
The main dimensions and connection dimensions

日标(JIS)：10K　　单位：mm

| 公称通径 Nominal Diameter | | L | D | D1 | D2 | b | t | Z-Φd |
|---|---|---|---|---|---|---|---|---|
| in | DN | | | | | | | |
| 1/2'' | 15 | 108 | 95 | 70 | 52 | 12 | 1 | 4-Φ15 |
| 3/4'' | 20 | 117 | 100 | 75 | 58 | 14 | 1 | 4-Φ15 |
| 1'' | 25 | 127 | 125 | 90 | 70 | 14 | 1 | 4-Φ19 |
| 1 1/4'' | 32 | 140 | 135 | 100 | 80 | 16 | 2 | 4-Φ19 |
| 1 1/2'' | 40 | 165 | 140 | 105 | 85 | 16 | 2 | 4-Φ19 |
| 2'' | 50 | 178 | 155 | 120 | 100 | 16 | 2 | 4-Φ19 |
| 2 1/2'' | 65 | 190 | 175 | 140 | 120 | 18 | 2 | 4-Φ19 |
| 3'' | 80 | 203 | 185 | 150 | 130 | 18 | 2 | 8-Φ19 |
| 4'' | 100 | 229 | 210 | 175 | 155 | 18 | 2 | 8-Φ19 |
| 5'' | 125 | 356 | 250 | 210 | 185 | 20 | 2 | 8-Φ23 |
| 6'' | 150 | 394 | 280 | 240 | 215 | 22 | 2 | 8-Φ23 |
| 8'' | 200 | 457 | 330 | 290 | 265 | 22 | 2 | 12-Φ23 |
| 10'' | 250 | 533 | 400 | 355 | 325 | 24 | 2 | 12-Φ25 |
| 12'' | 300 | 610 | 445 | 400 | 370 | 24 | 2 | 16-Φ25 |
| 14'' | 350 | 686 | 490 | 445 | 415 | 26 | 2 | 16-Φ25 |

日标(JIS)：20K　　单位：mm

| 公称通径 Nominal Diameter | | L | D | D1 | D2 | b | t | Z-Φd |
|---|---|---|---|---|---|---|---|---|
| in | DN | | | | | | | |
| 1/2'' | 15 | 140 | 95 | 70 | 52 | 14 | 1 | 4-Φ15 |
| 3/4'' | 20 | 152 | 100 | 75 | 58 | 16 | 1 | 4-Φ15 |
| 1'' | 25 | 165 | 125 | 90 | 70 | 16 | 1 | 4-Φ19 |
| 1 1/4'' | 32 | 178 | 135 | 100 | 80 | 18 | 2 | 4-Φ19 |
| 1 1/2'' | 40 | 190 | 140 | 105 | 85 | 18 | 2 | 4-Φ19 |
| 2'' | 50 | 216 | 155 | 120 | 100 | 18 | 2 | 8-Φ19 |
| 2 1/2'' | 65 | 241 | 175 | 140 | 120 | 20 | 2 | 8-Φ19 |
| 3'' | 80 | 282 | 200 | 160 | 135 | 22 | 2 | 8-Φ23 |
| 4'' | 100 | 305 | 225 | 185 | 160 | 24 | 2 | 8-Φ23 |
| 5'' | 125 | 381 | 270 | 225 | 195 | 26 | 2 | 8-Φ25 |
| 6'' | 150 | 403 | 305 | 260 | 230 | 28 | 2 | 12-Φ25 |
| 8'' | 200 | 502 | 350 | 305 | 275 | 30 | 2 | 12-Φ25 |
| 10'' | 250 | 568 | 430 | 380 | 345 | 34 | 2 | 12-Φ27 |
| 12'' | 300 | 648 | 480 | 430 | 395 | 35 | 3 | 16-Φ27 |
| 14'' | 350 | 762 | 540 | 480 | 440 | 40 | 3 | 16-Φ33 |

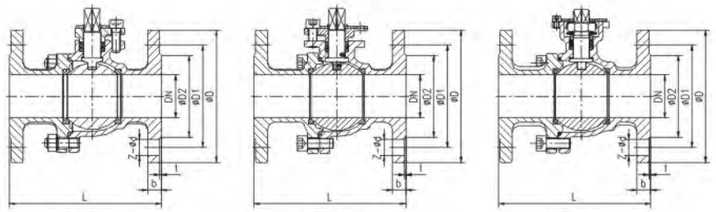




DIN FLANGED BALL VALVE
(WCB, CF8, CF8M, Ti, Ni)

# 德标法兰球阀






不带平台　低平台　高平台

## 主要零件材料 Materials of main parts

| 材料名称 Material Name | 碳钢 Carbon steel | 不锈钢 Stainless steel | |
|---|---|---|---|
| 阀体 Body | A216 WCB | A351 CF8 | A351 CF8M |
| 阀盖 Bonnet | A216 WCB | A351 CF8 | A351 CF8M |
| 球体 Ball | A276 304 / A276 316 | | |
| 阀杆 Stem | 2Cr13 / A276 304 / A276 316 | | |
| 阀座 Seat | PTFE、RPTFE | | |
| 填料 Gland Packing | PTFE/柔性石墨 PTFE / Flexible Graphite | | |
| 压盖 Gland | A216 WCB | A351 CF8 | |
| 螺柱 Bolt | A193-B7 | A193-B8M | |
| 螺母 Nut | A194-2H | A194-8 | |

## 设计标准 Design standards

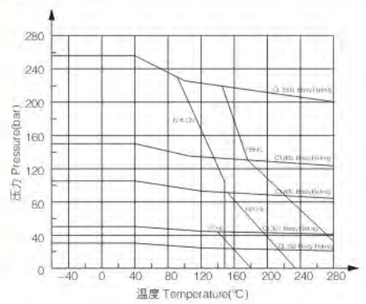
技术规范：德标
设计标准：DIN3357
结构长度：DIN3202
连接法兰：DIN2542-2546
试验与检验：DIN3230

Technical specification: DIN
Design standard: DIN3357
Length of the structure: DIN3202
Connection flange: DIN2542-2546
Test and Inspection: DIN3230

## 性能规范 Specifications

公称压力：1.6，2.5，4.0，6.3Mpa
强度试验：2.4，3.8，6.0，9.5Mpa
密封试验：1.8，2.8，4.4，7.0Mpa
上密封试验：1.8，2.8，4.4，7.0Mpa
气密封试验：0.6Mpa
阀门主体材料：WCB(C)，CF8(P)，CF3(PL)，CF8M(R)，CF3M(RL)
适用介质：水、蒸汽、油品，硝酸类，醋酸类
适用温度：-29℃~180℃

Nominal pressure: 1.6,2.5,4.0,6.3 Mpa
Strength test: 2.4,3.8,6.0,9.5Mpa
Seal Test: 1.8,2.8,4.4,7.0Mpa
The seal test: 1.8,2.8,4.4,7.0Mpa
Gas seal test: 0.6Mpa
The valve main material: WCB (C), CF8 (P), CF3 (PL), CF8M (R), CF3M (RL)
Suitable medium: water, steam, oil products, nitric acid, acetic acid
Suitable temperature: -29℃~180℃



DIN FLANGED BALL VALVE
(WCB, CF8, CF8M, Ti, Ni)

# 德标法兰球阀

主要外形尺寸和连接尺寸
The main dimensions and connection dimensions

德标(DIN) 1.6Mpa PN(16bar) 单位：mm

| 公称通径 DN(mm) | L | D | D1 | D2 | b | t | Z-Φd |
|---|---|---|---|---|---|---|---|
| 15 | 115 | 95 | 65 | 45 | 16 | 2 | 4-Φ14 |
| 20 | 120 | 105 | 75 | 58 | 18 | 2 | 4-Φ14 |
| 25 | 125 | 115 | 85 | 68 | 18 | 2 | 4-Φ14 |
| 32 | 130 | 140 | 100 | 78 | 18 | 2 | 4-Φ18 |
| 40 | 140 | 150 | 110 | 88 | 18 | 3 | 4-Φ18 |
| 50 | 150 | 165 | 125 | 102 | 20 | 3 | 4-Φ18 |
| 65 | 170 | 185 | 145 | 122 | 18 | 3 | 4-Φ18 |
| 80 | 180 | 200 | 160 | 138 | 20 | 3 | 8-Φ18 |
| 100 | 190 | 220 | 180 | 158 | 20 | 3 | 8-Φ18 |
| 125 | 325 | 250 | 210 | 188 | 22 | 3 | 8-Φ18 |
| 150 | 350 | 285 | 240 | 212 | 22 | 3 | 8-Φ22 |
| 200 | 400 | 340 | 295 | 268 | 24 | 3 | 12-Φ22 |
| 250 | 450 | 405 | 355 | 320 | 26 | 3 | 12-Φ26 |
| 300 | 500 | 460 | 410 | 378 | 28 | 4 | 12-Φ26 |
| 350 | 550 | 520 | 470 | 438 | 30 | 4 | 16-Φ26 |

德标(DIN)2.5Mpa PN(25bar) 单位：mm

| 公称通径 DN(mm) | L | D | D1 | D2 | b | t | Z-Φd |
|---|---|---|---|---|---|---|---|
| 15 | 115 | 95 | 65 | 45 | 16 | 2 | 4-Φ14 |
| 20 | 120 | 105 | 75 | 58 | 18 | 2 | 4-Φ14 |
| 25 | 125 | 115 | 85 | 68 | 18 | 2 | 4-Φ14 |
| 32 | 130 | 140 | 100 | 78 | 18 | 2 | 4-Φ18 |
| 40 | 140 | 150 | 110 | 88 | 18 | 3 | 4-Φ18 |
| 50 | 150 | 165 | 125 | 102 | 20 | 3 | 4-Φ18 |
| 65 | 170 | 185 | 145 | 122 | 22 | 3 | 8-Φ18 |
| 80 | 180 | 200 | 160 | 138 | 24 | 3 | 8-Φ18 |
| 100 | 190 | 235 | 190 | 162 | 24 | 3 | 8-Φ22 |
| 125 | 325 | 270 | 220 | 188 | 26 | 3 | 8-Φ26 |
| 150 | 350 | 300 | 250 | 218 | 28 | 3 | 8-Φ26 |
| 200 | 400 | 360 | 310 | 278 | 30 | 3 | 12-Φ26 |
| 250 | 450 | 425 | 370 | 335 | 32 | 3 | 12-Φ30 |
| 300 | 500 | 485 | 430 | 395 | 34 | 4 | 16-Φ30 |
| 350 | 550 | 555 | 490 | 450 | 38 | 4 | 16-Φ33 |

德标(DIN)4.0Mpa PN(40bar) 单位：mm

| 公称通径 DN(mm) | L | D | D1 | D2 | b | t | Z-Φd |
|---|---|---|---|---|---|---|---|
| 15 | 115 | 95 | 65 | 45 | 16 | 2 | 4-Φ14 |
| 20 | 120 | 105 | 75 | 58 | 18 | 2 | 4-Φ14 |
| 25 | 125 | 115 | 85 | 68 | 18 | 2 | 4-Φ14 |
| 32 | 130 | 140 | 100 | 78 | 18 | 2 | 4-Φ18 |
| 40 | 140 | 150 | 110 | 88 | 18 | 3 | 4-Φ18 |
| 50 | 150 | 165 | 125 | 102 | 20 | 3 | 4-Φ18 |
| 65 | 170 | 185 | 145 | 122 | 22 | 3 | 8-Φ18 |
| 80 | 180 | 200 | 160 | 138 | 24 | 3 | 8-Φ18 |
| 100 | 190 | 235 | 190 | 162 | 24 | 3 | 8-Φ22 |
| 125 | 325 | 270 | 220 | 188 | 26 | 3 | 8-Φ26 |
| 150 | 350 | 300 | 250 | 218 | 28 | 3 | 8-Φ26 |
| 200 | 400 | 375 | 320 | 285 | 34 | 3 | 12-Φ30 |
| 250 | 450 | 450 | 385 | 345 | 38 | 3 | 12-Φ33 |
| 300 | 500 | 515 | 450 | 410 | 42 | 4 | 16-Φ33 |
| 350 | 550 | 580 | 510 | 465 | 46 | 4 | 16-Φ36 |

德标(DIN)6.4Mpa PN(64bar) 单位：mm

| 公称通径 DN(mm) | L | D | D1 | D2 | b | t | Z-Φd |
|---|---|---|---|---|---|---|---|
| 15 | 140 | 105 | 75 | 45 | 20 | 2 | 4-Φ14 |
| 20 | 152 | 130 | 90 | 58 | 20 | 2 | 4-Φ18 |
| 25 | 165 | 140 | 100 | 68 | 24 | 2 | 4-Φ18 |
| 32 | 178 | 155 | 110 | 75 | 24 | 2 | 4-Φ22 |
| 40 | 190 | 170 | 125 | 88 | 26 | 3 | 4-Φ22 |
| 50 | 216 | 180 | 135 | 102 | 26 | 3 | 4-Φ22 |
| 65 | 241 | 205 | 160 | 122 | 26 | 3 | 8-Φ22 |
| 80 | 283 | 215 | 170 | 138 | 28 | 3 | 8-Φ22 |
| 100 | 305 | 250 | 200 | 162 | 30 | 3 | 8-Φ26 |
| 125 | 381 | 295 | 240 | 188 | 34 | 3 | 8-Φ30 |
| 150 | 403 | 345 | 280 | 218 | 36 | 3 | 8-Φ33 |
| 200 | 419 | 415 | 345 | 285 | 42 | 3 | 12-Φ36 |
| 250 | 457 | 470 | 400 | 345 | 46 | 3 | 12-Φ36 |
| 300 | 502 | 530 | 460 | 410 | 52 | 3 | 16-Φ36 |
| 350 | 762 | 600 | 525 | 165 | 56 | 3 | 16-Φ39 |





WHOLE TYPE FLANGED BALL VALVE
(WCB, CF8, CF8M, Ti, Ni)

# 一体式防泄漏球阀

① 一体式防泄漏球阀・带填料仓(替代广式球阀)
Whole Type Flanged Ball Valve
Q41F-(16-64)C、P、R、Ti、Ni

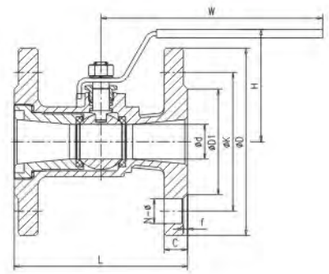


①

② (全通径)一体式防腐蚀球阀
Whole type Flanged Anti-cautery Ball Valve
Q41F-(16-64)C、P、R、Ti、Ni



②




## 主要零件材料 Materials of main parts

| 零件名称 Description of Parts | Q41F-(16-64)C | Q41F-(16-64)P | Q41F-(16-64)R |
|---|---|---|---|
| 阀体 Body | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 阀盖 Bonnet | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 球体 Ball | ICr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 阀杆 Stem | ICr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 密封圈 Sealing | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |
| 填料 Packing | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |

## 主要外形尺寸 Main outer size(PN16)

| DN | d | L | D | K | D1 | C | f | H | N-ϕ | W |
|---|---|---|---|---|---|---|---|---|---|---|
| 15 | 12 | 90 | 95 | 65 | 46 | 14 | 2 | 60 | 4-14 | 110 |
| 20 | 15 | 105 | 105 | 75 | 56 | 14 | 2 | 65 | 4-14 | 120 |
| 25 | 20 | 110 | 115 | 85 | 65 | 15 | 2 | 75 | 4-14 | 150 |
| 32 | 25 | 125 | 135 | 100 | 76 | 16 | 3 | 83 | 4-18 | 160 |
| 40 | 32 | 136 | 145 | 110 | 85 | 18 | 3 | 90 | 4-18 | 160 |
| 50 | 38 | 155 | 160 | 125 | 100 | 18 | 3 | 100 | 4-18 | 180 |
| 65 | 50 | 170 | 180 | 145 | 118 | 20 | 3 | 110 | 4-18 | 200 |
| 80 | 65 | 200 | 195 | 160 | 132 | 20 | 3 | 130 | 8-18 | 250 |
| 100 | 80 | 230 | 215 | 180 | 150 | 22 | 3 | 150 | 8-18 | 270 |

## 性能规范 Specifications

公称压力：PN1.6,2.5,4.0,6.4MPa
强度试验压力：PT2.4,3.8,6.0,9.6MPa
低压气密封试验压力：0.6MPa
适用介质：Q41F-(16-64)C 水、油品、气
适用温度：-29~180℃
适用介质：Q41F-(16-64)P 硝酸类
Q41F-(16-64)R 醋酸类
适用温度：-29℃~180℃

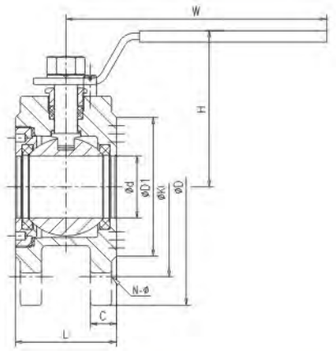
Nominal pressure：PN1.6,2.5,4.0,6.4MPa
Strength testing pressure：PT2.4,3.8,6.0,9.6MPa
Seat testing pressure (low pressure)：0.6MPa
Applicable media：
Q41F-(16-64)C Water.Oil.Gas
Applicable temperature：-29~180℃
Q41F-(16-64)P Nitric acid
Q41F-(16-64)R Acetic acid
Applicable temperature：-29℃~180℃

WAFER TYPE FLANGED BALL VALVE
(WCB, CF8, CF8M, Ti, Ni)

# 薄型法兰球阀

**薄型法兰球阀**
**Wafer Type Flanged Ball Valve**
**Q41F–(16–64) C、P、R、Ti、Ni**






## 主要零件材料 Materials of main parts

| 零件名称 Description of Parts | Q41F–(16–64)C | Q41F–(16–64)P | Q41F–(16–64)R |
|---|---|---|---|
| 阀体 Body | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 阀盖 Bonnet | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 球体 Ball | ICr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 阀杆 Stem | ICr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 密封圈 Sealing | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |
| 填料 Packing | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |

## 主要外形尺寸 Main outer size(PN16)

| DN | d | L | D | K | D1 | C | H | N–ϕ | W |
|---|---|---|---|---|---|---|---|---|---|
| 15 | 15 | 35 | 95 | 65 | 46 | 10 | 65 | 4–M12 | 100 |
| 20 | 20 | 37 | 105 | 75 | 56 | 11 | 70 | 4–M12 | 110 |
| 25 | 25 | 42 | 115 | 85 | 65 | 12 | 80 | 4–M12 | 125 |
| 32 | 32 | 53 | 135 | 100 | 76 | 14 | 90 | 4–M16 | 150 |
| 40 | 38 | 62 | 145 | 110 | 85 | 16 | 96 | 4–M16 | 160 |
| 50 | 50 | 78 | 160 | 125 | 100 | 17 | 104 | 4–M16 | 180 |
| 65 | 58 | 90 | 180 | 145 | 118 | 18 | 110 | 4–M16 | 200 |
| 80 | 76 | 110 | 195 | 160 | 132 | 18 | 130 | 8–M16 | 250 |
| 100 | 90 | 134 | 215 | 180 | 156 | 19 | 145 | 8–M16 | 270 |
| 125 | 100 | 197 | 245 | 210 | 185 | 22 | 180 | 8–M18 | 320 |
| 150 | 125 | 231 | 480 | 240 | 207 | 24 | 200 | 8–M23 | 320 |

## 性能规范 Specifications

公称压力：PN1.6,2.5,4.0,6.4MPa
强度试验压力：PT2.4,3.8,6.0,9.6MPa
低压气密封试验压力：0.6MPa
适用介质：Q41F–(16–64)C 水、油品、气
适用温度：–29~180℃
适用介质：Q41F–(16–64)P 硝酸类
Q41F–(16–64)R 醋酸类
适用温度：–29℃~180℃

Nominal pressure：PN1.6,2.5,4.0,6.4MPa
Strength testing pressure：PT2.4,3.8,6.0,9.6MPa
Seat testing pressure (low pressure)：0.6MPa
Applicable media：
Q41F–(16–64)C Water.Oil.Gas
Applicable temperature：–29~180℃
Q41F–(16–64)P Nitric acid
Q41F–(16–64)R Acetic acid
Applicable temperature：–29℃~180℃



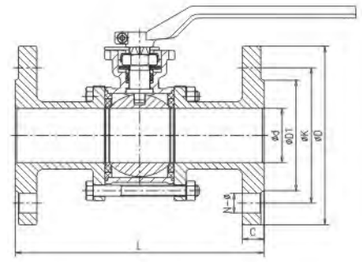


3PC TYPE BALL VALVE WITH FLANGE
(WCB, CF8, CF8M, Ti, Ni)

# 三片式法兰球阀

**3PC Ball Valve With Flange**
**(With High Mounting Pad)**
**Q41F–(16–64) C、P、R、Ti、Ni**






## 主要零件材料 Materials of main parts

| 零件名称 Description of Parts | Q41F–(16–64)C | Q41F–(16–64)P | Q41F–(16–64)R |
|---|---|---|---|
| 阀体 Body | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 阀盖 Bonnet | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 球体 Ball | ICr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 阀杆 Stem | ICr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 密封圈 Sealing | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |
| 填料 Packing | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |

## 主要外形尺寸 Main outer size(PN16)

| DN | B | L | H | W | | D | K | D1 | C | N–ϕ | | D | K | D1 | C | N–ϕ | | D | K | D1 | C | N–ϕ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | 15 | 130 | 75 | 130 | | 95 | 65 | 45 | 14 | 4–14 | | 95 | 65 | 45 | 16 | 4–14 | | 89 | 60.5 | 35 | 10 | 4–15 |
| 20 | 20 | 150 | 80 | 140 | | 105 | 75 | 58 | 16 | 4–14 | | 105 | 75 | 58 | 18 | 4–14 | | 98 | 70 | 43 | 11 | 4–15 |
| 25 | 25 | 160 | 85 | 150 | | 115 | 85 | 68 | 16 | 4–14 | | 115 | 85 | 68 | 18 | 4–14 | | 108 | 79.5 | 51 | 12 | 4–15 |
| 32 | 32 | 180 | 100 | 170 | | 140 | 100 | 78 | 16 | 4–18 | | 140 | 100 | 78 | 18 | 4–18 | | 117 | 89 | 64 | 13 | 4–15 |
| 40 | 38 | 200 | 110 | 200 | | 150 | 110 | 88 | 16 | 4–18 | | 150 | 110 | 88 | 18 | 4–18 | | 127 | 98.5 | 73 | 15 | 4–15 |
| 50 | 50 | 230 | 120 | 220 | | 165 | 125 | 102 | 18 | 4–18 | | 165 | 125 | 102 | 20 | 4–18 | | 152 | 120.5 | 92 | 16 | 4–19 |
| 65 | 65 | 250<br>290 | 130 | 280 | | 185 | 145 | 122 | 18 | 4–18 | | 185 | 145 | 122 | 22 | 8–18 | | 178 | 139.5 | 105 | 18 | 4–19 |
| 80 | 78 | 280<br>310 | 140 | 300 | | 200 | 160 | 138 | 20 | 8–18 | | 200 | 160 | 138 | 24 | 8–18 | | 190 | 152.5 | 127 | 19 | 4–19 |
| 100 | 100 | 320<br>350 | 160 | 340 | | 220 | 180 | 158 | 20 | 8–18 | | 235 | 190 | 162 | 24 | 8–22 | | 229 | 190.5 | 157 | 24 | 8–19 |

PN16 PN40 CL150

## 性能规范 Specifications

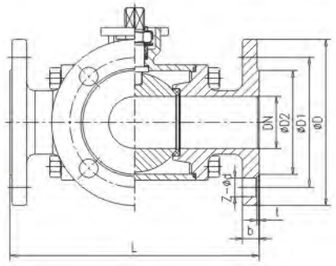
公称压力：PN 1.6,2.5,4.0,6.4MPa
强度试验压力：PT 2.4,3.8,6.0,9.6MPa
低压气密封试验压力：0.6MPa
适用介质：Q41F–(16–64)C 水、油品、气
适用温度：–29~180℃
适用介质：Q41F–(16–64)P 硝酸类
Q41F–(16–64)R 醋酸类
适用温度：–29℃~180℃

Nominal pressure：PN 1.6,2.5,4.0,6.4MPa
Strength testing pressure：PT 2.4,3.8,6.0,9.6MPa
Seat testing pressure (low pressure)：0.6MPa
Applicable media：
Q41F–(16–64)C Water.Oil.Gas
Applicable temperature：–29~180℃
Applicable media：
Q41F–(16–64)P Nitric acid
Q41F–(16–64)R Acetic acid
Applicable temperature：–29℃~180℃

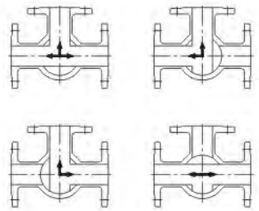
3-WAY BALL VALVE
(WCB, CF8, CF8M, Ti, Ni)

# 三通球阀

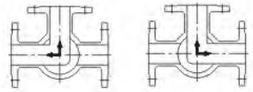





T型三通通口位置图
T Port Position



L型三通通口位置图
L Port Position



## 主要零件材料 Materials of main parts

| 材料名称 Material Name | 碳钢 Carbon steel | 不锈钢 Stainless steel | |
|---|---|---|---|
| 阀体 Body | A216 WCB | A351 CF8 | A351 CF8M |
| 阀盖 Bonnet | A216 WCB | A351 CF8 | A351 CF8M |
| 球体 Ball | A276 304 / A276 316 | | |
| 阀杆 Stem | 2Cr13 / A276 304 / A276 316 | | |
| 阀座 Seat | PTFE、RPTFE | | |
| 填料 Gland Packing | PTFE/柔性石墨 Flexible Graphite | | |
| 压盖 Gland | A216 WCB | A351 CF8 | |
| 螺柱 Bolt | A193-B7 | A193-B8M | |
| 螺母 Nut | A194-2H | A194-8 | |

## 主要外形尺寸 Main outer size(PN16)

| DN(mm) | L | D | D1 | D2 | b | f | Z-Φd |
|---|---|---|---|---|---|---|---|
| 15 | 150 | 95 | 65 | 45 | 14 | 2 | 4-14 |
| 20 | 160 | 105 | 75 | 55 | 14 | 2 | 4-14 |
| 25 | 180 | 115 | 85 | 65 | 14 | 2 | 4-14 |
| 32 | 200 | 140/135 | 100 | 78 | 16 | 2 | 4-18 |
| 40 | 220 | 150/145 | 110 | 85 | 16 | 3 | 4-18 |
| 50 | 240 | 165/160 | 125 | 100 | 16 | 3 | 4-18 |
| 65 | 260 | 185/180 | 145 | 120 | 18 | 3 | 4-18 |
| 80 | 280 | 200/195 | 160 | 135 | 20 | 3 | 8-18 |
| 100 | 320 | 220/215 | 180 | 155 | 20 | 3 | 8-18 |
| 125 | 380 | 250/245 | 210 | 185 | 22 | 3 | 8-18 |
| 150 | 440 | 285/280 | 240 | 210 | 24 | 3 | 8-23 |
| 200 | 550 | 340/335 | 295 | 265 | 26 | 3 | 12-23 |

## 设计标准 Design standards

设计依据：GB，ASME
设计标准：GB/T 12237，ASME B16.34
结构长度：GB/T 12221，ASME B16.10
连接法兰：GB/T 9113 JB 79，ASME B16.5
试验与检验：GB/T 12237 JB 9092、API 598

Design Reference: GB, ASME
Design Standard: GB/T 12237, ASME B16.34
Face to Face: GB/T 12221, ASME B16.10
Flanged Ends: GB/T 9113 JB 79, ASME B16.5
Test and Inspection: GB/T 12237 JB 9092, API 598





VESSEL VALVE / BAITING VALVE
(WCB, CF8, CF8M, Ti, Ni)

# 船用阀 / 罐底放料阀

罐底放料阀
Baiting Valve



船用阀
Vessel Valve



## 主要零件材料 Materials of main parts

| 零件名称 Description of Parts | C | P | R |
|---|---|---|---|
| 阀体 Body | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 阀盖 Bonnet | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 球体 Ball | 1Cr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 阀杆 Stem | 1Cr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 密封圈 Sealring | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |
| 填料 Packing | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |

## 性能规范 Specifications

公称压力：PN1.6,2.5,4.0,6.4MPa
强度试验压力：PT2.4,3.8,6.0,9.6MPa
低压气密封试验压力：0.6MPa
适用介质：水、油品、气
适用温度：-29~180℃
适用介质：硝酸类
醋酸类

Nominal pressure：PN1.6,2.5,4.0,6.4MPa
Strength testing pressure：PT2.4,3.8,6.0,9.6MPa
Seat testing pressure (low pressure)：0.6MPa
Applicable media：
Water.Oil.Gas
Applicable temperature：-29~180℃
Nitric acid
Acetic acid



# THREAD, WELDING, QUICK RELEASE VALVE SERIES

# 02 螺纹、焊接、快装阀门系列

Products applicable to petroleum, chemical, natural gas, light industry, electric power, pharmaceuticals, dyes, metallurgy, fiber, leather, textile, food, military, construction, refrigeration, water supply and other industries.



## 2PC TYPE BALL VALVE WITH INTERNAL THREAD (WCB, CF8, CF8M)

## 二片式内螺纹球阀

① (1000 WOG–A)二片式内螺纹球阀
(1000 WOG–A)2PC Type Ball Valve With Internal Thread
Q11F–(16–64)C、P、R

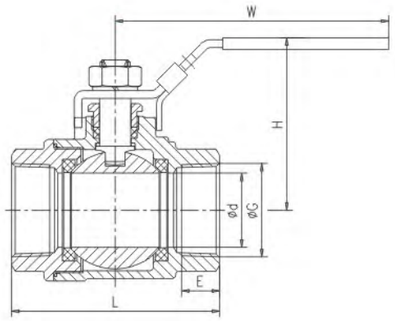


①

② (1000 WOG)二片式内螺纹球阀(DIN3202–M3)
(1000 WOG)2PC Type Ball Valve (DIN3202–M3) With Internal Thread
Q11F–(16–64)C、P、R



②




### 主要零件材料 Materials of main parts

| 零件名称 Description of Parts | Q11F–(16–64)C | Q11F–(16–64)P | Q11F–(16–64)R |
|---|---|---|---|
| 阀体 Body | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 阀盖 Bonnet | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 球体 Ball | 1Cr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 阀杆 Stem | 1Cr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 密封圈 Sealring | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |
| 填料 Packing | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |

### 主要外形尺寸 Main outer size

| DN | G | d | L | | E | H | W |
|---|---|---|---|---|---|---|---|
| | | | ① | ②–M3 | | | |
| 8 | 1/4" | 10 | 55 | 55 | 11.5 | 50 | 95 |
| 10 | 3/8" | 12 | 55 | 60 | 11.5 | 50 | 95 |
| 15 | 1/2" | 15 | 63 | 75 | 14 | 55 | 105 |
| 20 | 3/4" | 20 | 73 | 80 | 15 | 65 | 120 |
| 25 | 1" | 25 | 84 | 90 | 15 | 72 | 140 |
| 32 | 1 1/4" | 32 | 98 | 110 | 18 | 80 | 155 |
| 40 | 1 1/2" | 38 | 106 | 120 | 19 | 95 | 170 |
| 50 | 2" | 50 | 121 | 140 | 19 | 105 | 185 |
| 65 | 2 1/2" | 64 | 152 | 185 | 23 | 120 | 220 |
| 80 | 3" | 78 | 171 | 205 | 25 | 133 | 270 |
| 100 | 4" | 100 | 204 | 240 | 28 | 156 | 315 |

### 性能规范 Specifications

公称压力：PN1.6,2.5,4.0,6.4MPa
强度试验压力：PT2.4,3.8,6.0,9.6MPa
低压气密封试验压力：0.6MPa
适用介质：Q11F–(16–64)C 水、油品、气
适用温度：–29~180℃
适用介质：Q11F–(16–64)P 硝酸类
Q11F–(16–64)R 醋酸类

Nominal pressure：PN1.6,2.5,4.0,6.4MPa
Strength testing pressure：PT2.4,3.8,6.0,9.6MPa
Seat testing pressure (low pressure)：0.6MPa
Applicable media：
Q11F–(16–64)C Water.Oil.Gas
Applicable temperature：–29~180℃
Applicable media：
Q11F–(16–64)P Nitric acid
Q11F–(16–64)R Acetic acid

2PC TYPE BALL VALVE WITH INTERNAL THREAD
(WCB, CF8, CF8M)

# 二片式内螺纹球阀

③ (科技型)二片式内螺纹球阀
(Technology type)2PC Type Ball Valve
With Internal Thread
Q11F-(16-64)C、P、R

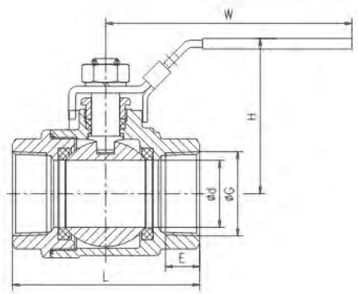


③

④ 二片式带检测孔内螺纹球阀
2PC Type With Test Hole Ball Valve
With Internal Thread
Q11F-(16-64)C、P、R



④




## 主要零件材料 Materials of main parts

| 零件名称 Description of Parts | Q11F-(16-64)C | Q11F-(16-64)P | Q11F-(16-64)R |
|---|---|---|---|
| 阀体 Body | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 阀盖 Bonnet | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 球体 Ball | 1Cr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 阀杆 Stem | 1Cr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 密封圈 Sealring | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |
| 填料 Packing | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |

## 主要外形尺寸 Main outer size

| DN | G | d | L | E | H | W |
|---|---|---|---|---|---|---|
| 8 | 1/4" | 10 | 57 | 14 | 58 | 80 |
| 10 | 3/8" | 12 | 57 | 14 | 58 | 80 |
| 15 | 1/2" | 15 | 57 | 14 | 58 | 95/80 |
| 20 | 3/4" | 20 | 65 | 15 | 62 | 105/90 |
| 25 | 1" | 25 | 76/79 | 15 | 72 | 120/110 |
| 32 | 1 1/4" | 32 | 88/90 | 16 | 80 | 140/120 |
| 40 | 1 1/2" | 38 | 97/98 | 19 | 90 | 155/130 |
| 50 | 2" | 50 | 119/116 | 19 | 98 | 170/150 |

## 性能规范 Specifications

公称压力：PN1.6,2.5,4.0,6.4MPa
强度试验压力：PT2.4,3.8,6.0,9.6MPa
低压气密封试验压力：0.6MPa
适用介质：Q11F-(16-64)C 水、油品、气
适用温度：-29~180℃
适用介质：Q11F-(16-64)P 硝酸类
Q11F-(16-64)R 醋酸类

Nominal pressure：PN1.6,2.5,4.0,6.4MPa
Strength testing pressure：PT2.4,3.8,6.0,9.6MPa
Seat testing pressure (low pressure)：0.6MPa
Applicable media：
Q11F-(16-64)C Water.Oil.Gas
Applicable temperature：-29~180℃
Applicable media：
Q11F-(16-64)P Nitric acid
Q11F-(16-64)R Acetic acid



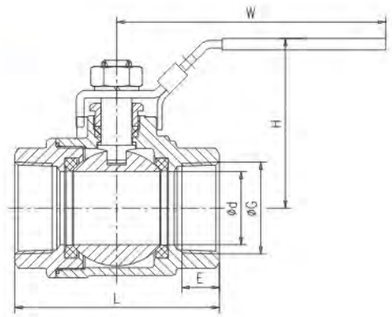


2PC TYPE BALL VALVE WITH INTERNAL THREAD
(WCB, CF8, CF8M)

# 二片式内螺纹球阀

(2000 WOG-A)二片式内螺纹球阀
(2000 WOG-A)2PC Type Ball Valve
With Internal Thread
Q11F-(16-130)C、P、R






## 主要零件材料 Materials of main parts

| 零件名称 Description of Parts | Q11F-(16-64)C | Q11F-(16-64)P | Q11F-(16-64)R |
|---|---|---|---|
| 阀体 Body | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 阀盖 Bonnet | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 球体 Ball | 1Cr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 阀杆 Stem | 1Cr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 密封圈 Sealring | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |
| 填料 Packing | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |

## 主要外形尺寸 Main outer size

| DN | G | d | L | E | H | W |
|---|---|---|---|---|---|---|
| 8 | 1/4" | 10 | 55 | 11.5 | 50 | 95 |
| 10 | 3/8" | 12 | 55 | 11.5 | 50 | 95 |
| 15 | 1/2" | 15 | 63 | 14 | 55 | 105 |
| 20 | 3/4" | 20 | 73 | 15 | 65 | 120 |
| 25 | 1" | 25 | 84 | 15 | 72 | 140 |
| 32 | 1 1/4" | 32 | 98 | 18 | 80 | 155 |
| 40 | 1 1/2" | 38 | 106 | 19 | 95 | 170 |
| 50 | 2" | 50 | 121 | 19 | 105 | 185 |
| 65 | 2 1/2" | | | | | |
| 80 | 3" | | | | | |
| 100 | 4" | | | | | |

## 性能规范 Specifications

公称压力：PN1.6,2.5,4.0,6.4MPa
强度试验压力：PT2.4,3.8,6.0,9.6MPa
低压气密封试验压力：0.6MPa
适用介质：Q11F-(16-64)C 水、油品、气
适用温度：-29~180℃
适用介质：Q11F-(16-64)P 硝酸类
Q11F-(16-64)R 醋酸类

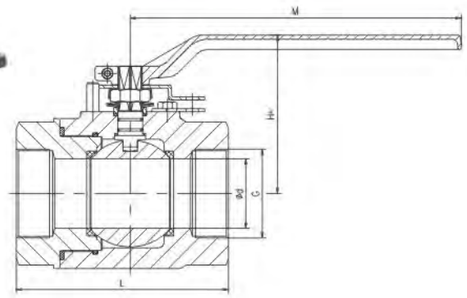
Nominal pressure：PN1.6,2.5,4.0,6.4MPa
Strength testing pressure：PT2.4,3.8,6.0,9.6MPa
Seat testing pressure (low pressure)：0.6MPa
Applicable media：
Q11F-(16-64)C Water.Oil.Gas
Applicable temperature：-29~180℃
Applicable media：
Q11F-(16-64)P Nitric acid
Q11F-(16-64)R Acetic acid

3000WOG TYPE OF BALL VALVE
(WCB, CF8, CF8M, LCC, LF2)

# 高压球阀

高压阀门系列
High pressure valve series






## 主要零件材料 Materials of main parts

| 材料名称 Material Name | 碳钢 Carbon steel | 不锈钢 Stainless steel | | 锻钢 Forged steel |
|---|---|---|---|---|
| 阀体 Body | A216 WCB<br>A352 LCB<br>A352 LCC | A351 CF8 | A351 CF8M | A105<br>A350 LF2 |
| 阀盖 Bonnet | | | | |
| 球体 Ball | A276 304 / A276 316 | | | |
| 阀杆 Stem | 2Cr13 / A276 304 / A276 316 | | | |
| 阀座 Seat | PTFE、CTFE、PEEK、DELBIN | | | |
| 填料 Gland Packing | PTFE/柔性石墨 PTFE / Flexible Graphite | | | |
| 压盖 Gland | A216 WCB | A351 CF8 | | A216 WCB |
| 螺柱 Bolt | A193-B7 | A193-B8M | | A193-B7 |
| 螺母 Nut | A194-2H | A194-8 | | A194-2H |

## 主要外形尺寸 Main outer size

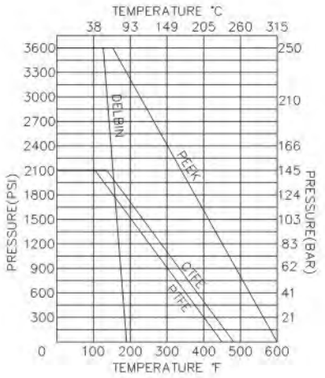
| DN(mm) | G | d | L | H | W |
|---|---|---|---|---|---|
| 15 | 1/2" | 15 | 65 | 64 | 130 |
| 20 | 3/4" | 20 | 74 | 68 | 130 |
| 25 | 1" | 25 | 85 | 77 | 165 |
| 32 | 1 1/4" | 32 | 100 | 87 | 165 |
| 40 | 1 1/2" | 36 | 108 | 95 | 210 |
| 50 | 2" | 48 | 130 | 105 | 210 |
| 65 | 2 1/2" | 50 | 185 | 120 | 210 |
| 80 | 3" | 64 | 205 | 132 | 280 |

如需其他标准参数请与本公司联系
If you need other standard specification,please contact us

## 技术规范 Technical Specifications

设计标准：ASME B16.34
结构长度：DIN3202-M3
连接标准：ASBE M20.11(NPT)、DIN2999&BS21、ISO228/1&ISO7/1
试验与检验：API 598

Design Standard：ASME B16.34
Face to Face：DIN3202-M3
End Connections：ASBE M20.11(NPT)、DIN2999&BS21、ISO228/1&ISO7/1
Test and Inspection：API 598





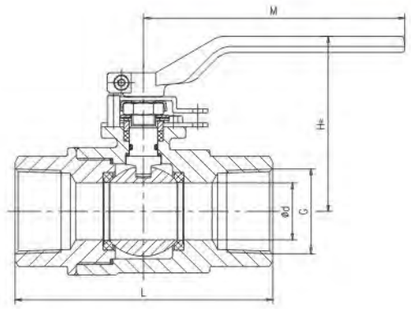



6000WOG TYPE OF BALL VALVE
(WCB, CF8, CF8M, LCC, LF2)

# 高压球阀

高压阀门系列
High pressure valve series






## 主要零件材料 Materials of main parts

| 材料名称 Material Name | 碳钢 Carbon steel | 不锈钢 Stainless steel | | 锻钢 Forged steel |
|---|---|---|---|---|
| 阀体 Body | A216 WCB<br>A352 LCB<br>A352 LCC | A351 CF8 | A351 CF8M | A105<br>A350 LF2 |
| 阀盖 Bonnet | | | | |
| 球体 Ball | A276 304 / A276 316 | | | |
| 阀杆 Stem | 2Cr13 / A276 304 / A276 316 | | | |
| 阀座 Seat | PTFE、CTFE、PEEK、DELBIN | | | |
| 填料 Gland Packing | PTFE/柔性石墨 PTFE / Flexible Graphite | | | |
| 压盖 Gland | A216 WCB | A351 CF8 | | A216 WCB |

## 主要外形尺寸 Main outer size

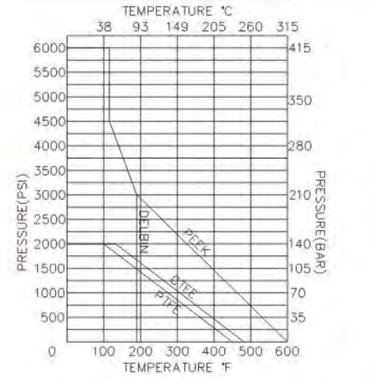
| DN(mm) | G | d | L | H | W | SW |
|---|---|---|---|---|---|---|
| 15 | 1/2" | 15 | 111 | 85 | 130 | 38 |
| 20 | 3/4" | 20 | 111 | 85 | 130 | 48 |
| 25 | 1" | 25 | 133 | 94 | 165 | 55 |
| 32 | 1 1/4" | 32 | 133 | 94 | 165 | 55 |
| 40 | 1 1/2" | 36 | 163 | 100 | 210 | 77 |
| 50 | 2" | 48 | 188 | 135 | 210 | 92 |

如需其他标准参数请与本公司联系
If you need other standard specification,please contact us

## 技术规范 Technical Specifications

设计标准：ASME B16.34
结构长度：DIN3202-M3
连接标准：ASBE M20.11(NPT)、DIN2999&BS21、ISO228/1&ISO7/1
试验与检验：API 598

Design Standard：ASME B16.34
Face to Face：DIN3202-M3
End Connections：ASBE M20.11(NPT)、DIN2999&BS21、ISO228/1&ISO7/1
Test and Inspection：API 598



1PC TYPE BALL VALVE WITH INTERNAL THREAD
(WCB, CF8, CF8M)

# 一片式内螺纹球阀

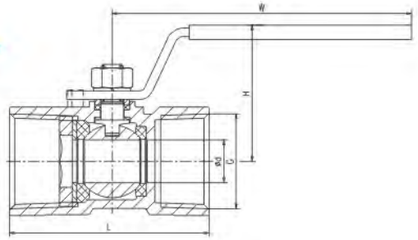
① (1000 WOG)一片式内螺纹球阀
(1000 WOG)1PC Type Ball Valve With Internal Thread
Q11F-(16-64)C、P、R

② (1000 WOG)一片式球阀螺形手柄
(1000 WOG)1PC Type Ball Valve With Internal Thread Butterfly handle
Q11F-(16-64)C、P、R

③ 带检测孔一片式球阀
1PC Ball Valve With Test Hole

④ (2000WOG) 一片式防火球阀
1PC Fire Ball Valve




## 主要零件材料 Materials of main parts

| 零件名称 Description of Parts | Q11F-(16-64)C | Q11F-(16-64)P | Q11F-(16-64)R |
|---|---|---|---|
| 阀体 Body | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 球体 Ball | 1Cr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 阀杆 Stem | 1Cr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 密封圈 Sealring | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |
| 填料 Packing | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |

## 主要外形尺寸 Main outer size

| DN | G | d | L | H | W |
|---|---|---|---|---|---|
| 8 | 1/4" | 5 | 40 | 34 | 70 |
| 10 | 3/8" | 7 | 45 | 36 | 70 |
| 15 | 1/2" | 9 | 55 | 39 | 80 |
| 20 | 3/4" | 12 | 60 | 43 | 90 |
| 25 | 1" | 15 | 70 | 46 | 105 |
| 32 | 1 1/4" | 20 | 80 | 53 | 120 |
| 40 | 1 1/2" | 25 | 86 | 59 | 130 |
| 50 | 2" | 32 | 101 | 65 | 145 |
| 65 | 2 1/2" | 38 | 117 | 74 | 170 |
| 80 | 3" | 49 | 140 | 105 | 185 |
| 100 | 4" | 64 | 186 | 115 | 220 |

## 性能规范 Specifications

公称压力：PN1.6,2.5,4.0,6.4MPa
强度试验压力：PT2.4,3.8,6.0,9.6MPa
低压气密封试验压力：0.6MPa
适用介质：Q11F-(16-64)C 水、油品、气
适用温度：-29~180℃
适用介质：Q11F-(16-64)P 硝酸类
Q11F-(16-64)R 醋酸类

Nominal pressure：PN1.6,2.5,4.0,6.4MPa
Strength testing pressure：PT2.4,3.8,6.0,9.6MPa
Seat testing pressure (low pressure)：0.6MPa
Applicable media：
Q11F-(16-64)C Water.Oil.Gas
Applicable temperature：-29~180℃
Applicable media：
Q11F-(16-64)P Nitric acid
Q11F-(16-64)R Acetic acid

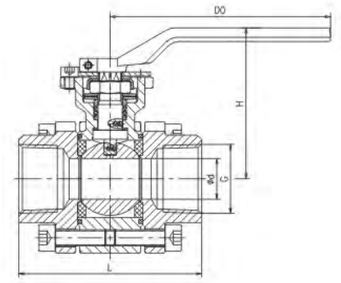




1000WOG 3PC TYPE BALL VALVE WITH INTERNAL THREAD
(WCB, CF8, CF8M)

# 三片式内螺纹球阀




## 主要零件材料 Materials of main parts

| 材料名称 Material Name | 碳钢 Carbon steel | 不锈钢 Stainless steel | | 锻钢 Forged steel |
|---|---|---|---|---|
| 阀体 Body | A216 WCB | A351 CF8 | A351 CF8M | A105 |
| 阀盖 Bonnet | A216 WCB | A351 CF8 | A351 CF8M | A105 |
| 球体 Ball | A276 304 / A276 316 | | | |
| 阀杆 Stem | 2Cr13 / A276 304 / A276 316 | | | |
| 阀座 Seat | PTFE、RPTFE | | | |
| 填料 Gland Packing | PTFE/柔性石墨 PTFE / Flexible Graphite | | | |
| 压盖 Gland | A216 WCB | A351 CF8 | | A216 WCB |
| 螺柱 Bolt | A193-B7 | A193-B8M | | A193-B7 |
| 螺母 Nut | A194-2H | A194-8 | | A194-2H |

## 主要外形尺寸 Main outer size

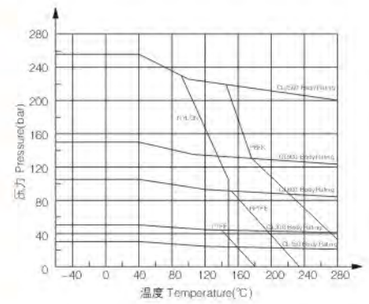
| DN(mm) | G | d | L | | | H | W |
|---|---|---|---|---|---|---|---|
| | | | 1 | M3 | 2 | | |
| 8 | 1/4" | 10 | 65 | | | 50 | 95 |
| 10 | 3/8" | 12 | 65 | | | 50 | 95 |
| 15 | 1/2" | 15 | 75 | 75 | 61 | 55 | 105 |
| 20 | 3/4" | 20 | 80 | 80 | 69 | 60 | 120 |
| 25 | 1" | 25 | 90 | 90 | 80 | 70 | 140 |
| 32 | 1 1/4" | 32 | 110 | 110 | 96 | 82 | 155 |
| 40 | 1 1/2" | 38 | 120 | 120 | 104 | 90 | 170 |
| 50 | 2" | 50 | 140 | 140 | 125 | 105 | 220 |
| 65 | 2 1/2" | 64 | 160 | 185 | | 120 | 245 |
| 80 | 3" | 78 | 180 | 205 | | 132 | 270 |
| 100 | 4" | 100 | 215 | 240 | | 160 | 315 |

如需其他标准参数请与本公司联系
If you need other standard specification,please contact us.

## 设计标准 Design standards

设计标准：ASME B16.34
结构长度：DIN3202-M3
连接标准：ASME B12.01(NPT)、DIN2999&BS21、ISO228/1&ISO7/1
试验与检验：API

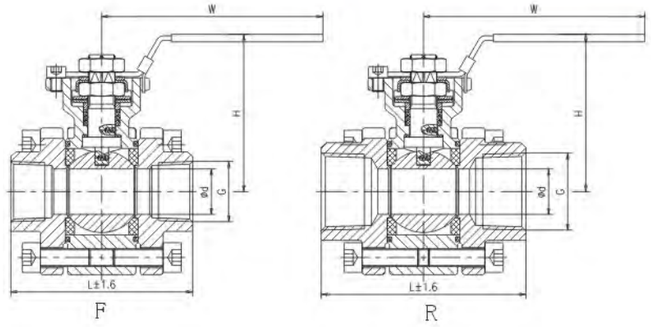
Design Standard：ASME B16.34
Face to Face：DIN3202-M3
End Connections：ASME B12.01(NPT)、DIN2999&BS21、ISO228/1&ISO7/1
Test and Inspection：API



3PC TYPE BALL VALVE WITH INTERNAL THREAD
(WCB, CF8, CF8M, LCC, LF2)

# 2000/3000WOG三片式球阀






## 主要零件材料 Materials of main parts

| 材料名称 Material Name | 碳钢 Carbon steel | 不锈钢 Stainless steel | | 锻钢 Forged steel |
|---|---|---|---|---|
| 阀体 Body | A216 WCB | A351 CF8 | A351 CF8M | A105 |
| 阀盖 Bonnet | A216 WCB | A351 CF8 | A351 CF8M | A105 |
| 球体 Ball | A276 304/A276 316 | | | |
| 阀杆 Stem | 2Cr13/A276 304/A276 316 | | | |
| 阀座 Seat | PTFE、RPTFE | | | |
| 填料 Gland Packing | PTFE/柔性石墨 PTFE / Flexible Graphite | | | |
| 压盖 Gland | A216 WCB | A351 CF8 | | A216 WCB |
| 螺柱 Bolt | A193-B7 | A193-B8M | | A193-B7 |
| 螺母 Nut | A194-2H | A194-8 | | A194-2H |

## 技术规范 Technical specification

设计标准：ASME B16.34
结构长度：DIN3202-M3
连接标准：ASME B12.01(NPT)、DIN2999&BS21、ISO228/1&ISO7/1
试验与检验：API 598

Design Standard：ASME B16.34
Face to Face：DIN3202-M3
End Connections：ASME B12.01(NPT)、DIN2999&BS21、ISO228/1&ISO7/1
Test and Inspection：API 598

## 主要外形尺寸 Main outer size

| DN(mm) | G | d | L | H | W |
|---|---|---|---|---|---|
| 8F | 1/4" | 8 | 65 | 66 | 100 |
| 10F | 3/8" | 10 | 65 | 66 | 100 |
| 15F | 1/2" | 14 | 75 | 66 | 100 |
| 20F | 3/4" | 20 | 80 | 73 | 115 |
| 25F | 1" | 25 | 90 | 87 | 140 |
| 32F | 1 1/4" | 32 | 110 | 91 | 140 |
| 40F | 1 1/2" | 36 | 120 | 105 | 180 |
| 50F | 2" | 50 | 140 | 113 | 190 |

| DN(mm) | G | d | L | H | W |
|---|---|---|---|---|---|
| 15R | 3/4" | 14 | 75 | 66 | 100 |
| 20R | 1" | 20 | 80 | 73 | 115 |
| 25R | 1 1/4" | 25 | 90 | 87 | 140 |
| 32R | 1 1/2" | 32 | 110 | 91 | 140 |
| 40R | 2" | 36 | 120 | 105 | 180 |
| 50R | 2 1/2" | 50 | 140 | 113 | 190 |

如需其他标准参数请与本公司联系
If you need other standard specification,please contact us





3PC TYPE WELDED BALL VALVE
(WCB, CF8, CF8M)

# 三片式焊接球阀




## 主要零件材料 Materials of main parts

| 材料名称 Material Name | 碳钢 Carbon steel | 不锈钢 Stainless steel | | 锻钢 Forged steel |
|---|---|---|---|---|
| 阀体 Body | A216 WCB | A351 CF8 | A351 CF8M | A105 |
| 阀盖 Bonnet | A216 WCB | A351 CF8 | A351 CF8M | A105 |
| 球体 Ball | A276 304 / A276 316 | | | |
| 阀杆 Stem | 2Cr13 / A276 304 / A276 316 | | | |
| 阀座 Seat | PTFE、RPTFE | | | |
| 填料 Gland Packing | PTFE/柔性石墨 PTFE / Flexible Graphite | | | |
| 压盖 Gland | A216 WCB | A351 CF8 | | A216 WCB |
| 螺柱 Bolt | A193-B7 | A193-B8M | | A193-B7 |
| 螺母 Nut | A194-2H | A194-8 | | A194-2H |

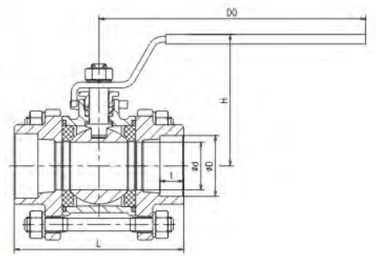
## 设计标准 Design standards

设计标准：ASME B16.34
结构长度：DIN3202-M3
连接标准：ASME B16.25 & DIN3239part1
ASME B16.11 & DIN3239part2
试验与检验：API 598

Design Standard：ASME B16.34
Face to Face：DIN3202-M3
End Connections：ASME B16.25 & DIN3239part1
ASME B16.11 & DIN3239part2
Test and Inspection：API 598

## 主要外形尺寸 Main outer size

| DN(mm) | d | D | D1 | t | L | H | DO |
|---|---|---|---|---|---|---|---|
| 8 | 10 | 13.5 | 14.6 | 9.5 | 65 | 50 | 90 |
| 10 | 12 | 17.5 | 18 | 9.5 | 65 | 50 | 90 |
| 15 | 15 | 22 | 22.2 | 9.5 | 75/61 | 55 | 100 |
| 20 | 20 | 27 | 27.6 | 12.5 | 80/69 | 60 | 120 |
| 25 | 25 | 34 | 34.3 | 12.5 | 90/80 | 70 | 140 |
| 32 | 32 | 42.5 | 43.1 | 12.5 | 110/96 | 82 | 140 |
| 40 | 38 | 48.5 | 49.2 | 12.5 | 120/104 | 90 | 180 |
| 50 | 50 | 61 | 61.7 | 16 | 140/125 | 105 | 200 |
| 65 | 64 | 73 | 74.4 | 16 | 160 | 120 | 220 |
| 80 | 78 | 90 | 90.3 | 16 | 180 | 132 | 240 |
| 100 | 100 | 115 | 115.7 | 19 | 215 | 160 | 300 |



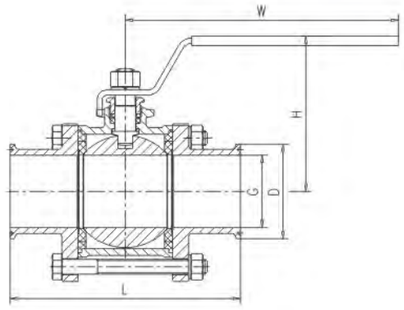

如需其他标准参数请与本公司联系
If you need other standard specification,please contact us

CLAMPED-PACKAGE BALL VALVE
(CF8, CF8M, CF3, CF3M)

# 卫生级快装球阀

三片式快装球阀
3PC Clamped-package Ball Valve
Q81-(6-25)C、P、R






## 主要零件材料 Materials of main parts

| 零件名称 Description of Parts | Q81F-(6-25)C | Q81F-(6-25)P | Q81F-(6-25)R |
|---|---|---|---|
| 阀体 Body | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 阀盖 Bonnet | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 球体 Ball | 1Cr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 阀杆 Stem | 1Cr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 密封圈 Sealing | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |
| 填料 Packing | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |

## 主要外形尺寸 Main outer size

| DN | G | D | L | H | W |
|---|---|---|---|---|---|
| 15 | 1/2" | 34/50.5 | 100 | 55 | 100 |
| 20 | 3/4" | 34/50.5 | 100 | 60 | 120 |
| 25 | 1" | 50.5 | 120 | 70 | 140 |
| 32 | $1\frac{1}{4}$" | 50.5 | 130 | 82 | 140 |
| 40 | $1\frac{1}{2}$" | 50.5 | 140 | 90 | 180 |
| 50 | 2" | 64 | 156 | 105 | 200 |
| 65 | $2\frac{1}{2}$" | 91 | 196 | 120 | 220 |
| 80 | 3" | 106 | 228 | 132 | 240 |

## 性能规范 Specifications

公称压力：PN0.6,1.0,1.6,2.0,2.5MPa
强度试验压力：PT0.9,1.5,2.4,3.0,3.8MPa
低压气密封试验压力：0.6MPa
适用介质：Q81F-(6-25)C 水、油品、气
适用温度：-29~180℃
适用介质：Q81F-(6-25)P 硝酸类
Q81F-(6-25)R 醋酸类

Nominal pressure：PN0.6,1.0,1.6,2.0,2.5MPa
Strength testing pressure：PT0.9,1.5,2.4,3.0,3.8MPa
Seat testing pressure (low pressure)：0.6MPa
Applicable media：
Q81F-(6-25)C Water.Oil.Gas
Applicable temperature：-29~180℃
Applicable media：
Q81F-(6-25)P Nitric acid
Q81F-(6-25)R Acetic acid



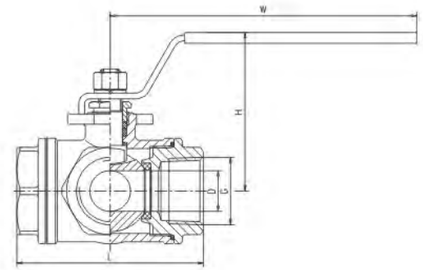


FEMALE 3 WAY BALL VALVE
(WCB, CF8, CF8M)

# 内螺纹三通球阀

(1000 WOG) T/L型内螺纹三通球阀
(1000 WOG) Female 3 Way Ball Valve
$Q^{14}_{15}$F-(16-64)C、P、R






## 主要零件材料 Materials of main parts

| 零件名称 Description of Parts | $Q^{14}_{16}$F-(16-64)C | $Q^{14}_{16}$F-(16-64)P | $Q^{14}_{16}$F-(16-64)R |
|---|---|---|---|
| 阀体 Body | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 阀盖 Bonnet | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 球体 Ball | 1Cr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 阀杆 Stem | 1Cr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 密封圈 Sealing | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |
| 填料 Packing | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |

## 主要外形尺寸 Main outer size

| DN | G | L | d | H | W |
|---|---|---|---|---|---|
| 8 | 1/4" | 71 | 10 | 56 | 110 |
| 10 | 3/8" | 71 | 12 | 56 | 110 |
| 15 | 1/2" | 74 | 12 | 58 | 110 |
| 20 | 3/4" | 88 | 15 | 60 | 120 |
| 25 | 1" | 92 | 20 | 70 | 140 |
| 32 | $1\frac{1}{4}$" | 124 | 25 | 82 | 140 |
| 40 | $1\frac{1}{2}$" | 138 | 32 | 95 | 180 |
| 50 | 2" | 154 | 38 | 100 | 200 |

## 性能规范 Specifications

公称压力：PN1.6,2.5,4.0,6.4MPa
强度试验压力：PT2.4,3.8,6.0,9.6MPa
低压气密封试验压力：0.6MPa
适用介质：$Q^{14}_{16}$F-(16-64)C 水、油品、气
适用温度：-29~180℃
适用介质：$Q^{14}_{16}$F-(16-64)P 硝酸类
$Q^{14}_{16}$F-(16-64)R 醋酸类

Nominal pressure：PN1.6,2.5,4.0,6.4MPa
Strength testing pressure：PT2.4,3.8,6.0,9.6MPa
Seat testing pressure (low pressure)：0.6MPa
Applicable media：
$Q^{14}_{16}$F-(16-64)C Water.Oil.Gas
Applicable temperature：-29~180℃
Applicable media：
$Q^{14}_{16}$F-(16-64)P Nitric acid
$Q^{14}_{16}$F-(16-64)R Acetic acid

TYPE THREAD BALL VALVE
(WCB, CF8, CF8M)

# 内外螺纹球阀

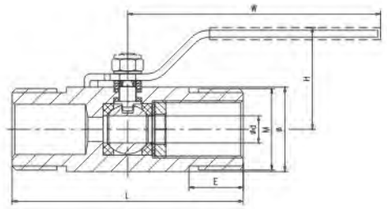
① 二片式内外螺纹球阀
2PC Thread Ball Valve(female-male)

② 二片式外螺纹球阀(A105、304、316)
2PC Double Male Ball Valve
Q21F-(16-64)C、P、R

③ 圆棒式外螺纹球阀(A105、304、316)
Double Male Ball Valve(bar stock)
Q21F-(16-64)C、P、R



① ② ③




## 主要零件材料 Materials of main parts

| 零件名称 Description of Parts | Q21F-(16-64)C | Q21F-(16-64)P | Q21F-(16-64)R |
|---|---|---|---|
| 阀体 Body | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 阀盖 Bonnet | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 球体 Ball | ICr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 阀杆 Stem | ICr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 密封圈 Sealing | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |
| 填料 Packing | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |

## 主要外形尺寸 Main outer sizeQ21F-(16-64)C、P、R

| DN | d | L | M | E | ϕ | H | W |
|---|---|---|---|---|---|---|---|
| 8 | 8 | 85 | 20×1.5 | 15 | 22 | 40 | 105 |
| 10 | 8 | 85 | 24×1.5 | 16 | 26.5 | 42 | 105 |
| 15 | 10.5 | 85 | 30×2 | 18 | 31 | 45 | 110 |
| 20 | 13 | 90 | 36×2 | 18 | 37 | 48 | 110 |
| 25 | 17 | 100 | 42×2 | 20 | 43 | 43 | 110 |
| 32 | 22 | 120 | 52×2 | 20 | 53 | 64 | 135 |
| 40 | 26 | 135 | 60×3 | 25 | 62 | 75 | 160 |
| 50 | 32 | 140 | 72×3 | 25 | 73 | 79 | 170 |

## 性能规范 Specifications

公称压力：PN1.6,2.5,4.0,6.4MPa
强度试验压力：PT2.4,3.8,6.0,9.6MPa
低压气密封试验压力：0.6MPa
适用介质：Q21F-(16-64)C 水、油品、气
适用温度：-29~180℃
适用介质：Q21F-(16-64)P 硝酸类
Q21F-(16-64)R 醋酸类

Nominal pressure：PN1.6,2.5,4.0,6.4MPa
Strength testing pressure：PT2.4,3.8,6.0,9.6MPa
Seat testing pressure (low pressure)：0.6MPa
Applicable media：
Q21F-(16-64)C Water.Oil.Gas
Applicable temperature：-29~180℃
Applicable media：
Q21F-(16-64)P Nitric acid
Q21F-(16-64)R Acetic acid





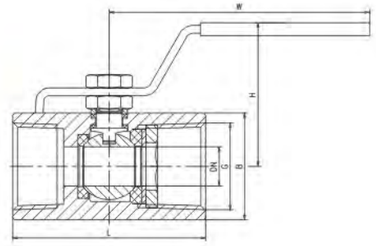
BALL VALVE WITH INTERNAL THREAD
(WCB, CF8, CF8M)

# 内螺纹球阀

① (1000 WOG)内螺纹球阀
(1000 WOG)ball Valve With Internal Thread (Bar stock)
Q11F-(16-64)C、P、R

② (2000WOG) 六角内螺纹球阀
(A105、304、316)
Ball Valve With Internal Thread (Hex type 2000 WOG)
Q11F-(150-800LB)C、P、R






## ①(1000WOG)主要外形尺寸 Main outer size

| DN | G | d | L | ϕ | E | H | W |
|---|---|---|---|---|---|---|---|
| 8 | 1/4" | 5 | 48 | 20 | 11.5 | 32 | 65 |
| 10 | 3/8" | 8 | 55 | 26.5 | 11.5 | 42 | 85 |
| 15 | 1/2" | 10.5 | 60 | 32 | 14 | 45 | 95 |
| 20 | 3/4" | 13 | 65 | 38 | 15 | 48 | 110 |
| 25 | 1" | 17 | 73 | 44 | 15 | 53 | 110 |
| 32 | 1 1/4" | 22 | 88.5 | 53 | 18 | 64 | 140 |
| 40 | 1 1/2" | 25 | 95 | 61 | 19 | 75 | 140 |
| 50 | 2" | 32 | 108 | 73.5 | 19 | 79 | 155 |
| 65 | 2 1/2" | 40 | 132 | 88.5 | 23 | 90 | 180 |
| 80 | 3" | 50 | 150 | 105 | 27 | 100 | 220 |
| 100 | 4" | 64 | 188 | 135 | 29 | 115 | 220 |

## ②(2000WOG)主要外形尺寸 Main outer size

| NOMINAL SIZE | H | L | d | B | W |
|---|---|---|---|---|---|
| 1/4" | 35 | 43 | 5 | 21 | 80 |
| 3/8" | 35 | 47 | 7 | 25 | 85 |
| 1/2" | 40 | 62 | 9 | 30 | 85 |
| 3/4" | 48 | 70 | 12 | 36 | 90 |
| 1" | 54 | 86 | 15 | 46 | 100 |
| 1 1/4" | 60 | 94 | 20 | 55 | 110 |
| 1 1/2" | 72 | 101 | 25 | 60 | 130 |
| 2" | 80 | 114 | 32 | 75 | 145 |

## 性能规范 Specifications

① 公称压力：PN1.6,2.5,4.0,6.4MPa
强度试验压力：PT2.4,3.8,6.0,9.6MPa
低压气密封试验压力：0.6MPa
适用介质：Q11F-(16-64)C 水、油品、气
适用温度：-29~180℃
适用介质：Q11F-(16-64)P 硝酸类
Q11F-(16-64)R 醋酸类
适用温度：-40~180℃

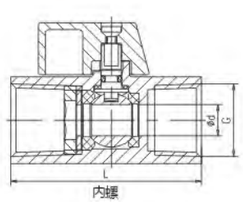
Nominal pressure：PN1.6,2.5,4.0,6.4MPa
Strength testing pressure：PT2.4,3.8,6.0,9.6MPa
Seat testing pressure (low pressure)：0.6MPa
Applicable media：
Q11F-(16-64)C Water.Oil.Gas
Applicable temperature：-29~180℃
Applicable media：
Q11F-(16-64)P Nitric acid
Q11F-(16-64)R Acetic acid

② 适用介质：Applicable media：
Q11F-(16-140)C (150-800 2000WOG)C 水、油品、气 Water.Oil.Gas
适用温度：-29~180℃ Applicable temperature：-29~180℃
适用介质：Applicable media：
Q11F-(16-140)P (150-800 2000WOG)P 硝酸类 Nitric acid
Q11F-(16-140)R (150-800 2000WOG)R 醋酸类 Acetic acid

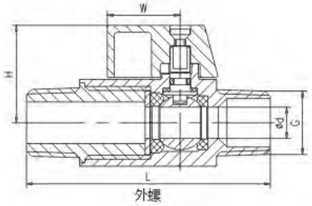
MINI BALL VALVE
(WCB, CF8, CF8M)

# 迷你球阀

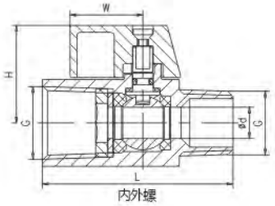









## 主要零件材料 Materials of main parts

| 内螺DN(mm) | G | d | L | H | W |
|---|---|---|---|---|---|
| 8 | 1/4" | 5 | 42 | 25 | 21 |
| 10 | 3/8" | 7 | 45 | 27 | 21 |
| 15 | 1/2" | 9 | 55 | 28.5 | 21 |
| 20 | 3/4" | 12 | 56 | 33 | 22 |
| 25 | 1" | 15 | 66 | 35.5 | 22 |

如需其他标准参数请与本公司联系
If you need other standard specification,please contact us

| 外螺DN(mm) | G | d | L | H | W |
|---|---|---|---|---|---|
| 8 | 1/4" | 5 | 57 | 25 | 21 |
| 10 | 3/8" | 7 | 60 | 27 | 21 |
| 15 | 1/2" | 9 | 71 | 28.5 | 21 |
| 20 | 3/4" | 12 | 72 | 33 | 22 |
| 25 | 1" | 15 | 83 | 35.5 | 22 |

如需其他标准参数请与本公司联系
If you need other standard specification,please contact us

| 内外螺DN(mm) | G | d | L | H | W |
|---|---|---|---|---|---|
| 8 | 1/4" | 5 | 46 | 25 | 21 |
| 10 | 3/8" | 7 | 48 | 27 | 21 |
| 15 | 1/2" | 9 | 56 | 28.5 | 21 |
| 20 | 3/4" | 12 | 56 | 33 | 22 |
| 25 | 1" | 15 | 66 | 35.5 | 22 |

如需其他标准参数请与本公司联系
If you need other standard specification,please contact us

## 技术规范 Technical specification

设计标准：ASME B16.34
连接标准：ASME B1.20.1(NPT)
DIN2999 & BS21、ISO228/1&ISO7/1
试验与检验：API 598

Design Standard：ASME B16.34
End Connections：ASME B1.20.1(NPT)
DIN2999 & BS21、ISO228/1&ISO7/1
Test and Inspection：API 598

## 主要零件材料 Materials of main parts

| 材料名称 Material Name | 不锈钢 Stainless steel | | 锻钢 Forged steel | |
|---|---|---|---|---|
| 阀体 Body | A351 CF8 | A351 CF8M | F304 | F316 |
| 球体 Ball | A276 304/A276 316 | | | |
| 阀杆 Stem | 2Cr13/A276 304/A276 316 | | | |
| 阀座 Seat | PTFE、RPTFE | | | |





Y-TYPE FEMALE STRAINER
(WCB, CF8, CF8M)

# Y型内螺纹过滤器

① Y型内螺纹过滤器
Y-type Female Strainer
SY11-(16-64)C、P、R

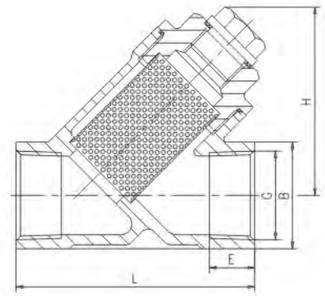


①

② Y型内螺纹过滤器带排污口
Y-type Female Strainer
(with end cap plug)
SY11-(16-64)C、P、R



②




## 主要零件材料 Materials of main parts

| 零件名称 Description of Parts | SY11-(16-64)C | SY11-(16-64)P | SY11-(16-64)R |
|---|---|---|---|
| 阀体 Body | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 阀盖 Bonnet | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 过滤网 Mesh | 1Cr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 垫片 Gasket | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |

## 主要外形尺寸 Main outer size

| DN | G | L | E | B | H |
|---|---|---|---|---|---|
| 8 | 1/4" | 64 | 12 | 24 | 44 |
| 10 | 3/8" | 64 | 12 | 24 | 44 |
| 15 | 1/2" | 64 | 14 | 26 | 44 |
| 20 | 3/4" | 75 | 15 | 32 | 52 |
| 25 | 1" | 89 | 17 | 41 | 64 |
| 32 | 1¼" | 102 | 20 | 49 | 68 |
| 40 | 1½" | 118 | 20 | 56 | 76 |
| 50 | 2" | 139 | 22 | 69 | 88 |
| 65 | 2½" | 180 | 28 | 84 | 110 |
| 80 | 3 | 200 | 32 | 98 | 135 |

## 性能规范 Specifications

公称压力：PN1.6,2.5,4.0,6.4MPa
强度试验压力：PT2.4,3.8,6.0,9.6MPa
适用介质：SY11-(16-64)C 水、油品、气
适用温度：-29~180℃
适用介质：SY11-(16-64)P 硝酸类
SY11-(16-64)R 醋酸类

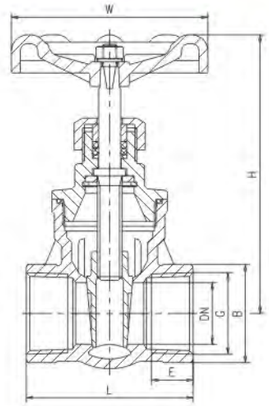
Nominal pressure：PN1.6,2.5,4.0,6.4MPa
Strength testing pressure：PT2.4,3.8,6.0,9.6MPa
Applicable media：
SY11-(16-64)C Water.Oil.Gas
Applicable temperature：-29~180℃
Applicable media：
SY11-(16-64)P Nitric acid
SY11-(16-64)R Acetic acid

STAINLESS STEEL FEMALE GATE VALVE
(WCB, CF8, CF8M)

# 不锈钢内螺纹闸阀

内螺纹闸阀
Stainless Steel Female Gate Valve
Z15W-(16~64)C、P、R






## 主要零件材料 Materials of main parts

| 零件名称 Description of Parts | Z15H-(16-64)C | Z15W-(16-64)P | Z15W-(16-64)R |
|---|---|---|---|
| 阀体 Body | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 闸板 Disc | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 阀杆 Stem | 1Cr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 密封 Sealing | 304,316 | | |
| 填料 Packing | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |

## 主要外形尺寸 Main outer size

| DN | G | L | E | B | H | W |
|---|---|---|---|---|---|---|
| 15 | 1/2" | 55 | 16 | 31 | 90 | 70 |
| 20 | 3/4" | 60 | 18 | 38 | 98 | 70 |
| 25 | 1" | 68 | 20 | 46 | 108 | 70 |
| 32 | 1¼" | 76 | 21.5 | 56 | 128 | 80 |
| 40 | 1½" | 80 | 23 | 63 | 152 | 100 |
| 50 | 2" | 93 | 24.5 | 76 | 166 | 100 |

## 性能规范 Specifications

公称压力：PN1.6,2.5,4.0,6.4MPa
强度试验压力：PT2.4,3.8,6.0,9.6MPa
高压密封试验压力：1.8,2.8,4.4,7.1MPa
适用介质：Z15H-(16-64)C 水、油品、气
适用温度：-29~180℃
适用介质：Z15W-(16-64)P 硝酸类
Z15W-(16-64)R 醋酸类

Nominal pressure：PN1.6,2.5,4.0,6.4MPa
Strength testing pressure：PT2.4,3.8,6.0,9.6MPa
Seat testing pressure (high pressure)：1.8,2.8,4.4,7.1MPa
Applicable media：
Z15H-(16-64)C Water.Oil.Gas
Applicable temperature：-29~180℃
Applicable media：
Z15W-(16-64)P Nitric acid
Z15W-(16-64)R Acetic acid



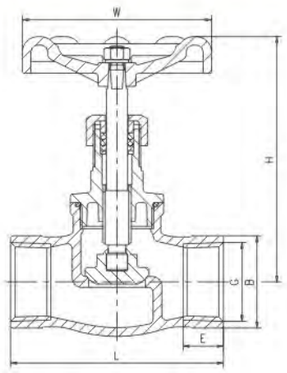


AMERICAN TYPE FEMALE GLOBE VALVE
(WCB, CF8, CF8M)

# 美式内螺纹截止阀

美式内螺纹截止阀
American Type Female
Globe Valve
J11W-(16~64)C、P、R






## 主要零件材料 Materials of main parts

| 零件名称 Description of Parts | J11H-(16-64)C | J11W-(16-64)P | J11W-(16-64)R |
|---|---|---|---|
| 阀体 Body | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 阀盖 Bonnet | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 阀瓣 Disc | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 阀杆 Stem | ICr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 密封 Sealing | 304,316 | | |
| 填料 Packing | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |

## 主要外形尺寸 Main outer size

| DN | G | L | E | B | H | W |
|---|---|---|---|---|---|---|
| 8 | 1/4" | 65 | 15 | 23 | 80 | 70 |
| 10 | 3/8" | 65 | 15 | 26 | 80 | 70 |
| 15 | 1/2" | 65 | 16 | 31 | 88 | 70 |
| 20 | 3/4" | 75 | 18 | 38 | 95 | 70 |
| 25 | 1" | 90 | 20 | 46 | 110 | 80 |
| 32 | 1¼" | 105 | 21.5 | 56 | 123 | 100 |
| 40 | 1½" | 120 | 23 | 63 | 135 | 100 |
| 50 | 2" | 140 | 24.5 | 76 | 150 | 100 |
| 65 | 2½" | 152 | 27 | 89 | 190 | 120 |
| 80 | 3 | 175 | 30 | 104 | 210 | 140 |

## 性能规范 Specifications

公称压力：PN1.6,2.5,4.0,6.4MPa
强度试验压力：PT2.4,3.8,6.0,9.6MPa
高压密封试验压力：1.8,2.8,4.4,7.1MPa
适用介质：J11H-(16-64)C 水、油品、气
适用温度：-29~180℃
适用介质：J11W-(16-64)P 硝酸类
J11W-(16-64)R 醋酸类

Nominal pressure：PN1.6,2.5,4.0,6.4MPa
Strength testing pressure：PT2.4,3.8,6.0,9.6MPa
Seat testing pressure (high pressure)：1.8,2.8,4.4,7.1MPa
Applicable media：
J11H-(16-64)C Water.Oil.Gas
Applicable temperature：-29~180℃
Applicable media：
J11W-(16-64)P Nitric acid
J11W-(16-64)R Acetic acid

FEMALE CHECK VALVE
(WCB, CF8, CF8M)

# 内螺纹止回阀

① 内螺纹旋启式止回阀
Female Swing Check Valve
H14W–(16~64)C、P、R

② 2PC内螺纹止回阀
2PC Spring Female Check Valve
H12W–(16~64)C、P、R

③ 3PC内螺纹止回阀
3PC Spring Female Check Valve
H12W–(16~64)C、P、R



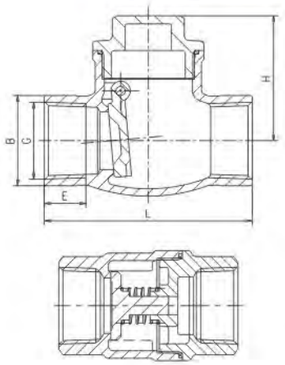
①



②



③



## 主要零件材料 Materials of main parts

| 零件名称 Description of Parts | $H^{14}_{12}$H–(16–64)C | $H^{14}_{12}$W–(16–64)P | $H^{14}_{12}$W–(16–64)R |
|---|---|---|---|
| 阀体 Body | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 阀盖 Bonnet | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 阀瓣 Disc | ZGICr18Ni9Ti CF8 | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 密封 Sealing | 304,316 ,PTFE | | |
| 垫片 Gasket | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |

## 主要外形尺寸 Main outer size (H14W)

| DN | G | L | E | B | H |
|---|---|---|---|---|---|
| 8 | 1/4" | 65 | 10 | 24 | 42 |
| 10 | 3/8" | 65 | 10 | 24 | 42 |
| 15 | 1/2" | 65 | 12 | 26 | 42 |
| 20 | 3/4" | 75 | 17 | 32 | 46 |
| 25 | 1" | 90 | 20 | 41 | 54 |
| 32 | $1\frac{1}{4}$" | 105 | 20 | 49 | 58 |
| 40 | $1\frac{1}{2}$" | 120 | 20 | 56 | 66 |
| 50 | 2" | 140 | 23 | 69 | 74 |
| 65 | $2\frac{1}{2}$" | 165 | 27 | 86 | 89 |
| 80 | 3" | 185 | 30 | 98 | 102 |

## 性能规范 Specifications

公称压力：PN1.6,2.5,4.0,6.4MPa
强度试验压力：PT2.4,3.8,6.0,9.6MPa
高压密封试验压力：1.8,2.8,4.4,7.1MPa
适用介质：$H^{14}_{12}$H–(16–64)C 水、油品、气
适用温度：–29~180℃
适用介质：$H^{14}_{12}$W–(16–64)P 硝酸类
$H^{14}_{12}$W–(16–64)R 醋酸类

Nominal pressure：PN1.6,2.5,4.0,6.4MPa
Strength testing pressure：PT2.4,3.8,6.0,9.6MPa
Seat testing pressure (high pressure)：1.8,2.8,4.4,7.1MPa
Applicable media：
$H^{14}_{12}$H–(16–64)C Water.Oil.Gas
Applicable temperature：–29~180℃
Applicable media：
$H^{14}_{12}$W–(16–64)P Nitric acid
$H^{14}_{12}$W–(16–64)R Acetic acid





WAFER TYPE CHECK VALVE
(WCB, CF8, CF8M)

# 对夹式止回阀

① 对夹式止回阀H71
Wafer type spring check Valve H71

② 蝶形对夹式止回阀 H76
Wafer type double disc spring check Valve H76

③ 对夹式单瓣止回阀H74
Wafer type single disc check Valve H74



①



②



③

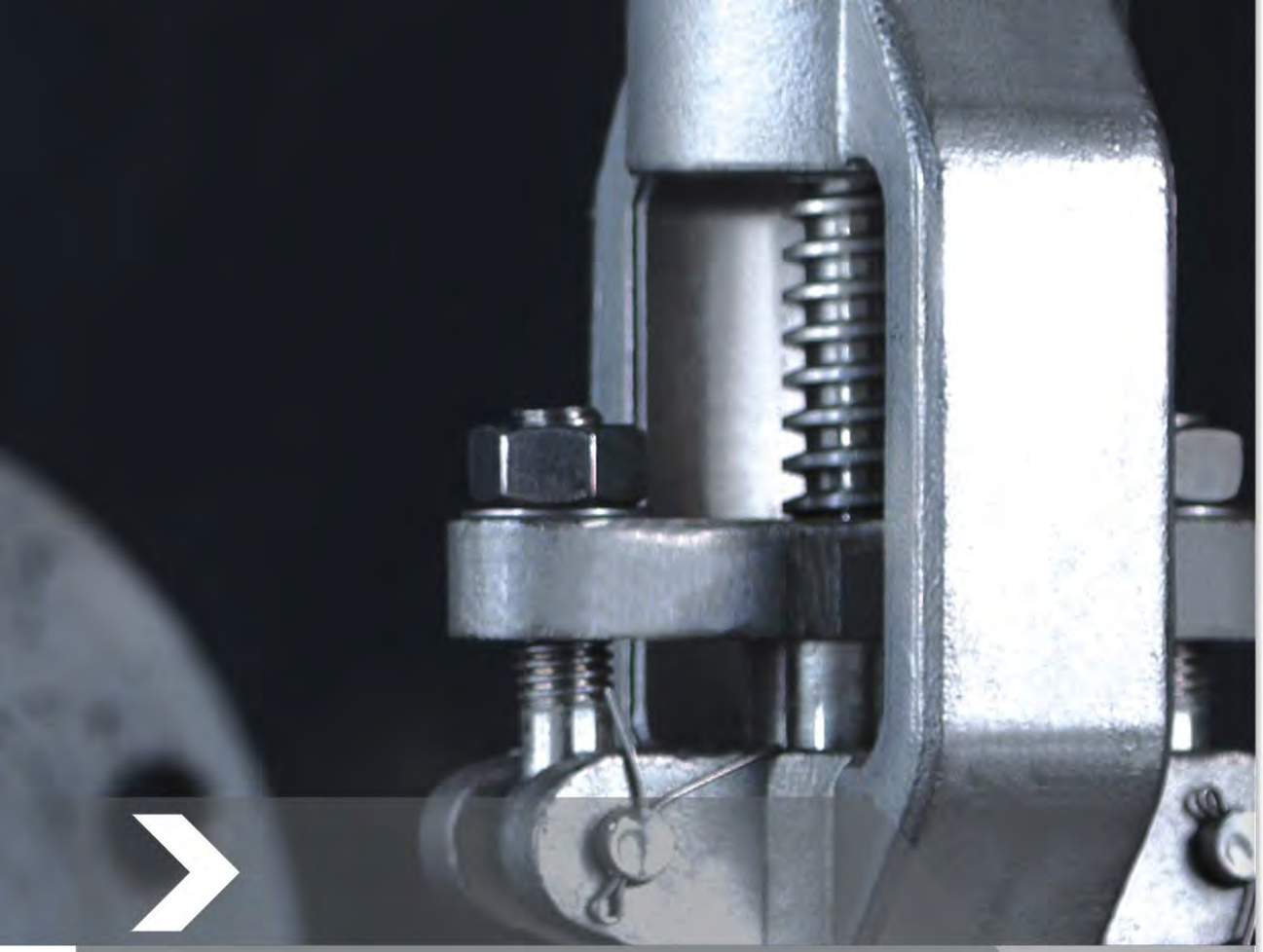
## 主要零件材料 Materials of main parts

| 零件名称 Description of Parts | $H^{71}_{76}$H–(16–64)C | $H^{71}_{76}$W–(16–64)P | $H^{71}_{76}$W–(16–64)R |
|---|---|---|---|
| 阀体 Body | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 阀瓣 Disc | ZGICr18Ni9Ti CF8 | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 密封 Sealing | 304,316 ,PTFE | | |

## 性能规范 Specifications

公称压力：PN1.6,2.5,4.0,6.4MPa
强度试验压力：PT2.4,3.8,6.0,9.6MPa
高压密封试验压力：1.8,2.8,4.4,7.1MPa
适用介质：$H^{71}_{76}$H–(16–64)C 水、油品、气
适用温度：–29~180℃
适用介质：$H^{71}_{76}$W–(16–64)P 硝酸类
$H^{71}_{76}$W–(16–64)R 醋酸类

Nominal pressure：PN1.6,2.5,4.0,6.4MPa
Strength testing pressure：PT2.4,3.8,6.0,9.6MPa
Seat testing pressure (high pressure)：1.8,2.8,4.4,7.1MPa
Applicable media：
$H^{71}_{76}$H–(16–64)C Water.Oil.Gas
Applicable temperature：–29~180℃
Applicable media：
$H^{71}_{76}$W–(16–64)P Nitric acid
$H^{71}_{76}$W–(16–64)R Acetic acid



# FLANGED GATE VALVE/CUT-OFF VALVE/ CHECK/FILTER/BUTTERFLY VALVE

## 03 法兰闸阀/截止阀/止回阀/过滤器/蝶阀

Products applicable to petroleum, chemical, natural gas, light industry, electric power, pharmaceuticals, dyes, metallurgy, fiber, leather, textile, food, military, construction, refrigeration, water supply and other industries.

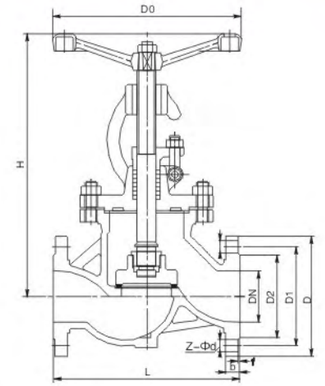


GB、DIN GLOBE VALVE
(WCB、CF8、CF8M、TI、NI)

## 国标、德标截止阀

国标、德标截止阀
GB、DIN Globe Valve




### 主要连接尺寸 Main Connection Dimensions(PN16)

| 公称压力 Nominal pressure PN(MPa) | 尺寸 Dimensions（mm） | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | L | D | D1 | D2 | b-f | z-Φd | H | D0 |
| 15 | 130 | 95 | 65 | 45 | 14-2 | 4-Φ14 | 190 | 100 |
| 20 | 150 | 105 | 75 | 55 | 14-2 | 4-Φ14 | 200 | 120 |
| 25 | 160 | 115 | 85 | 65 | 14-2 | 4-Φ14 | 225 | 140 |
| 32 | 180 | 135 | 100 | 78 | 16-2 | 4-Φ18 | 235 | 160 |
| 40 | 200 | 145 | 110 | 85 | 16-2 | 4-Φ18 | 265 | 200 |
| 50 | 230 | 160 | 125 | 100 | 16-3 | 4-Φ18 | 280 | 220 |
| 65 | 290 | 180 | 145 | 120 | 18-3 | 4-Φ18 | 350 | 240 |
| 80 | 310 | 195 | 160 | 135 | 20-3 | 8-Φ18 | 360 | 280 |
| 100 | 350 | 215 | 180 | 155 | 20-3 | 8-Φ18 | 410 | 320 |
| 125 | 400 | 245 | 210 | 185 | 22-3 | 8-Φ18 | 450 | 350 |
| 150 | 480 | 280 | 140 | 210 | 24-3 | 8-Φ23 | 480 | 400 |
| 200 | 600 | 335 | 195 | 165 | 26-3 | 12-Φ23 | 600 | 450 |
| 250 | 650 | 405 | 355 | 320 | 30-3 | 12-Φ25 | 720 | 550 |
| 300 | 750 | 460 | 410 | 375 | 30-3 | 12-Φ25 | 950 | 650 |
| 350 | 850 | 520 | 470 | 435 | 34-4 | 16-Φ25 | 1040 | 750 |
| 400 | 950 | 580 | 525 | 485 | 36-4 | 16-Φ30 | 1150 | 800 |
| 450 | 1050 | 640 | 585 | 575 | 40-4 | 20-Φ30 | 1250 | 850 |
| 500 | 1150 | 705 | 650 | 608 | 44-4 | 20-Φ34 | 1380 | 950 |

### 设计制造标准
### Design & Manufacture Standard

设计与制造按GB/T 12235、DIN 3356
结构长度按GB/T 12221、DIN 3202
法兰连接尺寸按JB/T 79、DIN 2543
检验按JB/T 9092、DIN 3230

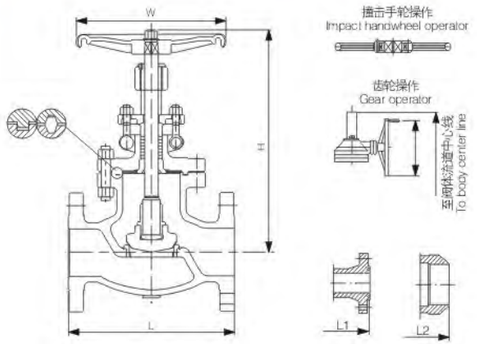
Design and manufacture as GB/T 12235、DIN 3356
Face to face dimensions asGB/T 12221、DIN 3202
End flange dimension as JB/T 79、DIN 2543
Pressure test as JB/T 9092、DIN 3230

AMERICAN STANDARD GLOBE VALVE
(WCB、CF8、CF8M、Ti、Ni)

# 美标截止阀

美标截止阀
American Standard globe valve






## 主要连接尺寸 Main Connection Dimensions

| J41H(Y) | | Class 150 | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Size | inch | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | 2 1/2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 14 | 16 |
| | mm | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 |
| L | mm | 108 | 117 | 127 | 140 | 165 | 203 | 216 | 241 | 292 | 356 | 406 | 495 | 622 | 698 | 787 | 914 |
| L1 | mm | – | – | – | – | 178 | 216 | 229 | 254 | 305 | 368 | 419 | 508 | 635 | 711 | 800 | 927 |
| L2 | mm | 108 | 117 | 127 | 140 | 165 | 203 | 216 | 241 | 292 | 356 | 406 | 495 | 622 | 698 | 787 | 914 |
| H | mm | 163 | 193 | 250 | 250 | 291 | 350 | 362 | 385 | 490 | 455 | 537 | 707 | 788 | 820 | – | – |
| W | mm | 100 | 125 | 160 | 160 | 180 | 220 | 250 | 280 | 320 | 320 | 400 | 450 | 560 | 560 | – | – |
| H1 | mm | – | – | – | – | – | – | – | – | – | – | – | 760 | 830 | 890 | 1400 | 1648 |
| W1 | mm | – | – | – | – | – | – | – | – | – | – | – | 310 | 310 | 460 | 600 | 600 |
| T | N.m | – | – | – | – | – | 31 | 50 | 72 | 115 | 170 | 225 | 427 | 671 | 1127 | 1231 | 1750 |
| WT(RF) | kg | 6.9 | 9.8 | 13.5 | 19.5 | 28.5 | 21 | 29 | 34 | 54 | 72 | 93 | 185 | 268 | 400 | 650 | 1113 |

| J41H(Y) | | Class 300 | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Size | inch | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | 2 1/2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 |
| | mm | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 |
| L | mm | 152 | 178 | 203 | 216 | 229 | 267 | 292 | 318 | 356 | 400 | 445 | 559 | 622 | 711 |
| L1 | mm | – | – | – | – | 178 | 283 | 308 | 333 | 371 | 416 | 460 | 575 | 638 | 727 |
| L2 | mm | 108 | 117 | 127 | 140 | 165 | 267 | 292 | 318 | 356 | 400 | 445 | 559 | 622 | 711 |
| H | mm | 163 | 193 | 250 | 250 | 291 | 345 | 377 | 405 | 468 | 620 | *708 | *777 | *935 | *906 |
| W | mm | 100 | 125 | 160 | 160 | 180 | 220 | 250 | 280 | 320 | 400 | *450 | *500 | *560 | *600 |
| H1 | mm | – | – | – | – | – | – | – | – | – | – | 836 | 854 | 997 | 1230 |
| W1 | mm | – | – | – | – | – | – | – | – | – | 390 | 460 | 460 | 460 | 300 |
| T | N.m | – | – | – | – | – | 52 | 90 | 137 | 236 | 140 | 556 | 1003 | 1962 | 3465 |
| WT(RF) | kg | 7.7 | 11.3 | 16.8 | 21.2 | 32.6 | 28 | 36 | 50 | 75 | | 200 | 287 | 510 | 720 |

## 设计制造标准
## Design & Manufacture Standard

设计制造按：ASME B16.34、BS 1873
结构长度按：ASME B16.10
连接尺寸按：ASME B16.5、ASME B16.25
检验和测试按：ISO 5208、API 598、BS 6755

Design & Manufacture as per: ASME B16.34、BS 1873
Face to face dimension as per: ASME B16.10
Connection ends dimension as per: ASME B16.5、ASME B16.25
Inspection and test as per: ISO 5208、API 598、BS 6755



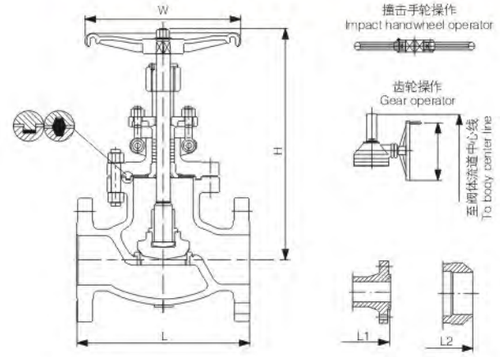


JIS STANDARD GLOBE VALVE
(SCPH2、SCS13、SCS14、TI、NI)

# 日标截止阀

日标截止阀
JIS Standard globe valve






## 主要尺寸及重量 Main size and weight

| 10K | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Size | inch | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | 2 1/2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 14 | 16 |
| | mm | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 |
| L | mm | 108 | 117 | 127 | 140 | 165 | 203 | 216 | 241 | 292 | 356 | 406 | 495 | 622 | 698 | 787 | 914 |
| L1 | mm | – | – | – | – | 178 | 216 | 229 | 254 | 305 | 368 | 419 | 508 | 635 | 711 | 800 | 927 |
| L2 | mm | 108 | 117 | 127 | 140 | 165 | 203 | 216 | 241 | 292 | 356 | 406 | 495 | 622 | 698 | 787 | 914 |
| H | mm | 163 | 193 | 250 | 250 | 291 | 350 | 362 | 385 | 490 | 455 | 537 | 707 | 788 | 820 | – | – |
| W | mm | 100 | 125 | 160 | 160 | 180 | 220 | 250 | 280 | 320 | 320 | 400 | 450 | 560 | 560 | – | – |
| H1 | mm | – | – | – | – | – | – | – | – | – | – | – | 760 | 830 | 890 | 1400 | 1648 |
| W1 | mm | – | – | – | – | – | – | – | – | – | – | – | 310 | 310 | 460 | 600 | 600 |
| T | N.m | – | – | – | – | – | 31 | 50 | 72 | 115 | 170 | 225 | 427 | 671 | 1127 | 1231 | 1750 |
| WT(RF) | kg | 6.9 | 9.8 | 13.5 | 19.5 | 28.5 | 21 | 29 | 34 | 54 | 72 | 93 | 185 | 268 | 400 | 650 | 1113 |

| 20K | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Size | inch | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | 2 1/2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 |
| | mm | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 |
| L | mm | 152 | 178 | 203 | 216 | 229 | 267 | 292 | 318 | 356 | 400 | 445 | 559 | 622 | 711 |
| L1 | mm | – | – | – | – | 178 | 283 | 308 | 333 | 371 | 416 | 460 | 575 | 638 | 727 |
| L2 | mm | 108 | 117 | 127 | 140 | 165 | 267 | 292 | 318 | 356 | 400 | 445 | 559 | 622 | 711 |
| H | mm | 163 | 193 | 250 | 250 | 291 | 345 | 377 | 405 | 468 | 620 | *708 | *777 | *935 | *906 |
| W | mm | 100 | 125 | 160 | 160 | 180 | 220 | 250 | 280 | 320 | 400 | *450 | *500 | *560 | *600 |
| H1 | mm | – | – | – | – | – | – | – | – | – | – | 836 | 854 | 997 | 1230 |
| W1 | mm | – | – | – | – | – | – | – | – | – | 390 | 460 | 460 | 460 | 300 |
| T | N.m | – | – | – | – | – | 52 | 90 | 137 | 236 | 140 | 556 | 1003 | 1962 | 3465 |
| WT(RF) | kg | 7.7 | 11.3 | 16.8 | 21.2 | 32.6 | 28 | 36 | 50 | 75 | | 200 | 287 | 510 | 720 |

## 设计制造标准
## Design & Manufacture Standard

设计制造按：JIS B2071
结构长度按：JIS B2002
连接尺寸按：JIS B2212、JIS B2214、ASME B16.25
检验和测试按：ISO 5208、API 598

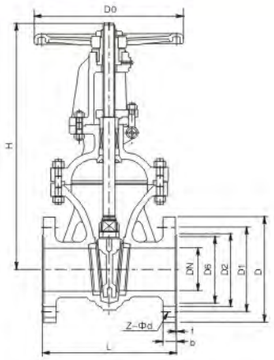
Design & Manufacture as per: JIS B2071
Face to face dimension as per: JIS B2002
Connection ends dimension as per: JIS B2212、JIS B2214、ASME B16.25
Inspection and test as per: ISO 5208、API 598

GB、DIN GATE VALVE
(WCB、CF8、CF8M、TI、NI)

# 国标、德标闸阀

国标、德标闸阀
GB、DIN Gate Valve






## 主要尺寸及重量 Main size and weight

| DN(mm) | 尺寸 Dimensions ( mm ) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | L | D | D1 | D2 | b-f | z-Φd | H | D0 |
| 15 | 130 | 95 | 65 | 45 | 12-2 | 4-Φ14 | 185 | 120 |
| 20 | 150 | 105 | 75 | 55 | 14-2 | 4-Φ14 | 200 | 120 |
| 25 | 160 | 115 | 85 | 65 | 14-2 | 4-Φ14 | 225 | 140 |
| 32 | 180 | 135 | 100 | 78 | 16-2 | 4-Φ18 | 275 | 160 |
| 40 | 200 | 145 | 110 | 85 | 16-3 | 4-Φ18 | 290 | 160 |
| 50 | 250 | 160 | 125 | 100 | 16-3 | 4-Φ18 | 345 | 200 |
| 65 | 270 | 180 | 145 | 120 | 18-3 | 4-Φ18 | 360 | 220 |
| 80 | 280 | 195 | 160 | 135 | 18-3 | 4-Φ18 | 380 | 240 |
| 100 | 300 | 215 | 180 | 155 | 20-3 | 8-Φ18 | 430 | 280 |
| 125 | 325 | 245 | 210 | 185 | 22-3 | 8-Φ18 | 520 | 300 |
| 150 | 350 | 280 | 240 | 210 | 22-3 | 8-Φ23 | 600 | 320 |
| 200 | 400 | 335 | 295 | 265 | 22-3 | 8-Φ23 | 765 | 400 |
| 250 | 450 | 390 | 350 | 320 | 24-3 | 12-Φ23 | 930 | 450 |
| 300 | 500 | 440 | 400 | 368 | 26-3 | 12-Φ23 | 1080 | 500 |
| 350 | 550 | 500 | 460 | 428 | 26-4 | 16-Φ23 | 1200 | 500 |
| 400 | 600 | 565 | 515 | 482 | 26-4 | 16-Φ35 | 1400 | 550 |
| 450 | 650 | 615 | 656 | 532 | 26-4 | 20-Φ25 | 1500 | 600 |
| 500 | 700 | 670 | 620 | 585 | 28-4 | 20-Φ25 | 1630 | 650 |
| 600 | 800 | 780 | 725 | 685 | 28-5 | 20-Φ30 | 1830 | 700 |
| 700 | 900 | 895 | 840 | 800 | 30-5 | 24-Φ30 | 1930 | 750 |

## 设计制造标准
## Design & Manufacture Standard

设计与制造按GB/T 12234、DIN 3352
结构长度按GB/T 12221、DIN3202
法兰连接尺寸按JB/T 79、DIN 2543
检验按JB/T 9092、DIN 3230

Design and manufacture as GB/T 12234、DIN 3352
Face to face dimensions asGB/T 12221、DIN3202
End flange dimension as JB/T 79、DIN 2543
Pressure test as JB/T 9092、DIN 3230



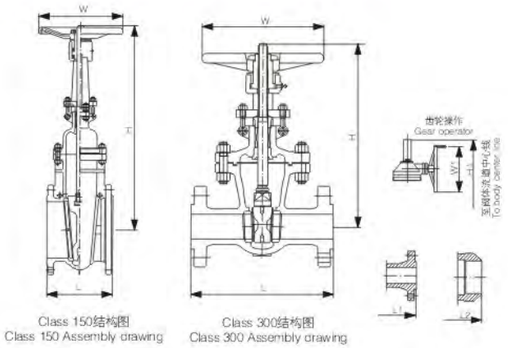


AMERICAN STANDARD WEDGE GATE VALVE
(WCB、CF8、CF8M、TI、NI)

# 美标闸阀

美标闸阀
American Standard wedge gate valve






Class 150结构图
Class 150 Assembly drawing

Class 300结构图
Class 300 Assembly drawing

## 主要尺寸及重量 Main size and weight

| Z41 ( 0 ) H ( F ) | | Class 150 | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Size | inch | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | 2 1/2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 24 | 28 |
| | mm | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 350 | 350 | 400 | 450 | 500 | 600 | 700 |
| L | mm | 108 | 117 | 127 | 140 | 165 | 178 | 191 | 203 | 229 | 254 | 267 | 292 | 330 | 381 | 381 | 406 | 432 | 457 | 508 | 610 |
| L1 | mm | – | – | – | – | 203 | 191 | 203 | 216 | 241 | 267 | 279 | 305 | 343 | 394 | 394 | 419 | 445 | 470 | 521 | – |
| L2 | mm | 108 | 117 | 127 | 140 | 165 | 216 | 241 | 283 | 305 | 381 | 403 | 419 | 457 | 572 | 572 | 610 | 660 | 711 | 813 | 914 |
| H | mm | 169 | 193 | 230 | 246 | 283 | 361 | 396 | 435 | 522 | 570 | 610 | 750 | 935 | 1224 | 1224 | 1345 | 1487 | 1627 | 1931 | – |
| W | mm | 100 | 125 | 160 | 160 | 180 | 250 | 250 | 280 | 600 | 350 | 350 | 400 | 400 | 600 | 600 | 600 | 600 | 680 | 920 | – |
| H1 | mm | – | – | – | – | – | – | – | – | – | – | – | – | 1280 | 1670 | 1670 | 1885 | 2045 | 2210 | 2675 | 3050 |
| W1 | mm | – | – | – | – | – | – | – | – | – | – | – | – | 310 | 490 | 460 | 460 | 460 | 460 | 460 | 600 |
| T | N.m | – | – | – | – | – | 12.4 | 17 | 23 | 24.5 | 60 | 85 | 125 | 138 | 276 | 276 | 396 | 491 | 650 | 1018 | 1492 |
| WT(RF) | kg | 5 | 6.1 | 8.4 | 14.3 | 15.4 | 20 | 30 | 33 | 49 | 60 | 75 | 120 | 205 | 400 | 400 | 511 | 650 | 789 | 1200 | 1800 |

| Z41 ( 0 ) H ( F ) | | Class 300 | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Size | inch | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | 2 1/2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 24 | 28 |
| | mm | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | 700 |
| L | mm | 140 | 152 | 165 | 178 | 190 | 216 | 241 | 283 | 305 | 381 | 403 | 419 | 457 | 502 | 762 | 838 | 914 | 991 | 1143 | 1346 |
| L1 | mm | – | – | – | – | 203 | 232 | 257 | 298 | 321 | 397 | 419 | 435 | 473 | 518 | 778 | 854 | 930 | 1010 | 1135 | 1372 |
| L2 | mm | 140 | 152 | 165 | 178 | 190 | 216 | 241 | 283 | 305 | 381 | 403 | 419 | 457 | 502 | 762 | 838 | 914 | 991 | 1143 | 1346 |
| H | mm | 169 | 193 | 230 | 246 | 283 | 352 | 390 | 420 | 496 | 570 | 635 | 772 | 995 | 1090 | 1265 | 1385 | 1510 | 1630 | – | – |
| W | mm | 100 | 125 | 160 | 160 | 180 | 250 | 250 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | 650 | 750 | 750 | 920 | – | – |
| H1 | mm | – | – | – | – | – | – | – | – | – | – | – | – | 1375 | 1524 | 1718 | 1860 | 2077 | 2310 | 2809 | 3078 |
| W1 | mm | – | – | – | – | – | – | – | – | – | – | – | – | 460 | 460 | 460 | 460 | 460 | 460 | 600 | 600 |
| T | N.m | – | – | – | – | – | 27.5 | 40 | 54 | 80 | 194 | 202 | 226 | 354 | 558 | 736 | 966 | 1259 | 1259 | 2658 | 4264 |
| WT(RF) | kg | 5.2 | 6.3 | 8.6 | 14.5 | 15.6 | 24 | 36 | 47 | 69 | 29 | 123 | 196 | 333 | 440 | 710 | 950 | 1405 | 1405 | 2770 | 3312 |

## 设计制造标准
## Design & Manufacture Standard

设计制造按API600 ASME B16.34、BS 1414
结构长度按ASME B16.10
连接尺寸按ASME B16.5、ASME B16.47、ASME B16.25
检验和测试按ISO 5208、API 598、BS 6755

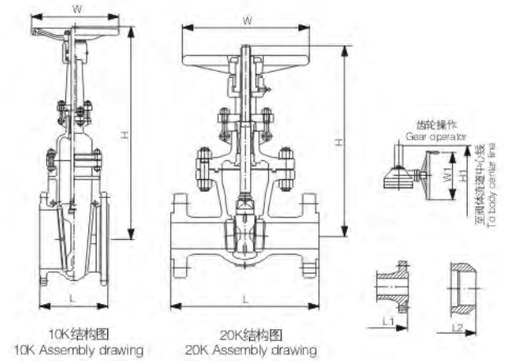
Design & Manufacture as per: API600 ASME B16.34、BS 1414
Face to face dimension as per: ASME B16.10
Connection ends dimension as per:
ASME B16.5、ASME B16.47、ASME B16.25
Inspection and test as per: ISO 5208、API 598、BS 6755

JIS STANDARD WEDGE GATE VALVE
(SCPH2、SCS13、SCS14、TI、NI)

# 日标闸阀

日标闸阀
JIS Standard wedge gate valve






## 主要尺寸及重量 Main size and weight

| 10K | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Size | inch | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | 2 1/2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 24 | 28 |
| | mm | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 350 | 350 | 400 | 450 | 500 | 600 | 700 |
| L | mm | 108 | 117 | 127 | 140 | 165 | 178 | 191 | 203 | 229 | 254 | 267 | 292 | 330 | 381 | 381 | 406 | 432 | 457 | 508 | 610 |
| L1 | mm | – | – | – | – | 203 | 191 | 203 | 216 | 241 | 267 | 279 | 305 | 343 | 394 | 394 | 419 | 445 | 470 | 521 | – |
| L2 | mm | 108 | 117 | 127 | 140 | 165 | 216 | 241 | 283 | 305 | 381 | 403 | 419 | 457 | 572 | 572 | 610 | 660 | 711 | 813 | 914 |
| H | mm | 169 | 193 | 230 | 246 | 283 | 361 | 396 | 435 | 522 | 570 | 610 | 750 | 935 | 1224 | 1224 | 1345 | 1487 | 1627 | 1931 | – |
| W | mm | 100 | 125 | 160 | 160 | 180 | 250 | 250 | 280 | 600 | 350 | 350 | 400 | 400 | 600 | 600 | 600 | 600 | 680 | 920 | – |
| H1 | mm | – | – | – | – | – | – | – | – | – | – | – | – | 1280 | 1670 | 1670 | 1885 | 2045 | 2210 | 2675 | 3050 |
| W1 | mm | – | – | – | – | – | – | – | – | – | – | – | – | 310 | 490 | 460 | 460 | 460 | 460 | 460 | 600 |
| T | N.m | – | – | – | – | – | 12.4 | 17 | 23 | 24.5 | 60 | 85 | 125 | 138 | 276 | 276 | 396 | 491 | 650 | 1018 | 1492 |
| WT(RF) | kg | 5 | 6.1 | 8.4 | 14.3 | 15.4 | 20 | 30 | 33 | 49 | 60 | 75 | 120 | 205 | 400 | 400 | 511 | 650 | 789 | 1200 | 1800 |

| 20K | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Size | inch | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | 2 1/2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 24 | 28 |
| | mm | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | 700 |
| L | mm | 140 | 152 | 165 | 178 | 190 | 216 | 241 | 283 | 305 | 381 | 403 | 419 | 457 | 502 | 762 | 838 | 914 | 991 | 1143 | 1346 |
| L1 | mm | – | – | – | – | 203 | 232 | 257 | 298 | 321 | 397 | 419 | 435 | 473 | 518 | 778 | 854 | 930 | 1010 | 1135 | 1372 |
| L2 | mm | 140 | 152 | 165 | 178 | 190 | 216 | 241 | 283 | 305 | 381 | 403 | 419 | 457 | 502 | 762 | 838 | 914 | 991 | 1143 | 1346 |
| H | mm | 169 | 193 | 230 | 246 | 283 | 352 | 390 | 420 | 496 | 570 | 635 | 772 | 995 | 1090 | 1265 | 1385 | 1510 | 1630 | – | – |
| W | mm | 100 | 125 | 160 | 160 | 180 | 250 | 250 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | 650 | 750 | 750 | 920 | – | – |
| H1 | mm | – | – | – | – | – | – | – | – | – | – | – | – | 1375 | 1524 | 1718 | 1860 | 2077 | 2310 | 2809 | 3078 |
| W1 | mm | – | – | – | – | – | – | – | – | – | – | – | – | 460 | 460 | 460 | 460 | 460 | 460 | 600 | 600 |
| T | N.m | – | – | – | – | – | 27.5 | 40 | 54 | 80 | 194 | 202 | 226 | 354 | 558 | 736 | 966 | 1259 | 1259 | 2658 | 4264 |
| WT(RF) | kg | 5.2 | 6.3 | 8.6 | 14.5 | 15.6 | 24 | 36 | 47 | 69 | 29 | 123 | 196 | 333 | 440 | 710 | 950 | 1405 | 1405 | 2770 | 3312 |

## 设计制造标准
## Design & Manufacture Standard

设计制造按JIS B2073、JIS B2083
结构长度按JIS B2002
连接尺寸按JIS B2212 JIS B2214、ASME B16.25
检验和测试按ISO 5208、API 598

Design & Manufacture as per: JIS B2073、JIS B2083
Face to face dimension as per: JIS B2002
Connection ends dimension as per:
JIS B2212 JIS B2214、ASME B16.25
Inspection and test as per: ISO 5208、API 598





GB SWING CHECK VALVE
(WCB, CF8, CF8M, TI, NI)

# 国标止回阀

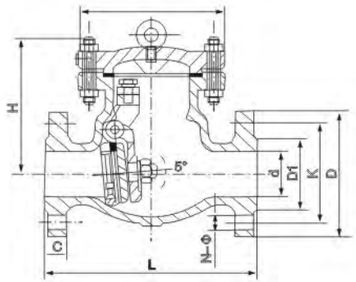
**旋启式**国标**止回阀**
**(GB, ANSI, JIS, DIN, BS)**
GB **Swing Check Valve**



旋启式




升降式




## 主要尺寸及重量 Main size and weight

| 公称压力 Nominal pressure PN(MPa) | DN(mm) | 尺寸 Dimensions ( mm ) | | | | | |
|---|---|---|---|---|---|---|---|
| | | L | D | D1 | D2 | b-f | z-Φd | H |
| 1.6 | 25 | 160 | 115 | 85 | 65 | 14-2 | 4-Φ14 | 115 |
| | 32 | 180 | 135 | 100 | 78 | 16-2 | 4-Φ18 | 120 |
| | 40 | 200 | 145 | 110 | 85 | 16-3 | 4-Φ18 | 130 |
| | 50 | 230 | 160 | 125 | 100 | 16-3 | 4-Φ18 | 140 |
| | 65 | 290 | 160 | 145 | 120 | 18-3 | 4-Φ18 | 150 |
| | 80 | 310 | 195 | 160 | 135 | 20-3 | 8-Φ18 | 170 |
| | 100 | 350 | 215 | 180 | 155 | 20-3 | 8-Φ18 | 185 |
| | 125 | 400 | 245 | 210 | 185 | 22-3 | 8-Φ18 | 195 |
| | 150 | 480 | 280 | 240 | 210 | 24-3 | 8-Φ23 | 225 |
| | 200 | 600 | 335 | 295 | 265 | 26-3 | 12-Φ23 | 250 |
| | 250 | 650 | 405 | 355 | 320 | 30-3 | 12-Φ25 | 270 |
| | 300 | 750 | 460 | 410 | 375 | 30-3 | 12-Φ25 | 300 |
| 2.5 | 25 | 160 | 115 | 85 | 65 | 16-2 | 4-Φ14 | 115 |
| | 32 | 180 | 135 | 100 | 78 | 16-2 | 4-Φ18 | 120 |
| | 40 | 200 | 145 | 110 | 85 | 18-3 | 4-Φ18 | 130 |
| | 50 | 230 | 160 | 125 | 100 | 20-3 | 4-Φ18 | 140 |
| | 65 | 250 | 180 | 145 | 1250 | 22-3 | 8-Φ18 | 150 |
| | 80 | 310 | 195 | 160 | 135 | 22-3 | 8-Φ18 | 170 |
| | 100 | 350 | 230 | 190 | 160 | 24-3 | 8-Φ23 | 185 |
| | 125 | 400 | 270 | 220 | 188 | 28-3 | 8-Φ25 | 195 |
| | 150 | 180 | 300 | 250 | 218 | 30-3 | 8-Φ25 | 225 |
| | 200 | 600 | 360 | 310 | 278 | 34-3 | 12-Φ25 | 250 |
| | 250 | 650 | 425 | 370 | 335 | 36-3 | 12-Φ30 | 270 |
| | 300 | 750 | 485 | 430 | 390 | 40-4 | 16-Φ30 | 300 |

## 设计制造标准
## Design & Manufacture Standard

设计与制造按GB/T 12236、GB/T 12235
结构长度按GB/T 12221
法兰连接尺寸按JB/T 79
检验按JB/T 9092

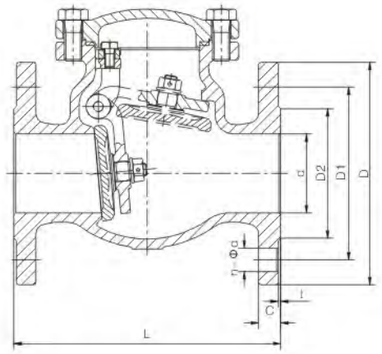
Design and manufacture as GB/T 12236、GB/T 12235
Face to face dimensions as GB/T 12221
End flange dimension as JB/T 79
Pressure test as JB/T 9092

ANSI、JIS STANDARD SWING CHECK VALVES
(WCB、CF8、CF8M、TI、NI)

# 美标、日标止回阀

美标、日标止回阀
ANSI、JIS Standard swing check valves






## 主要尺寸及重量 Main size and weight

| Class150 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Size | d | D | D1 | D2 | t | C | n-Φb | L |
| DN15 | 18 | 90 | 60.3 | 34.9 | 1.6 | 10 | 4-Φ16 | 108 |
| DN20 | 20 | 100 | 69.9 | 42.9 | 1.6 | 11 | 4-Φ16 | 117 |
| DN25 | 25 | 110 | 79.4 | 50.8 | 1.6 | 12 | 4-Φ16 | 127 |
| DN32 | 32 | 115 | 88.9 | 63.5 | 1.6 | 13 | 4-Φ16 | 140 |
| DN40 | 38 | 125 | 98.4 | 73 | 1.6 | 15 | 4-Φ16 | 165 |
| DN50 | 50 | 150 | 120.7 | 92.1 | 1.6 | 16 | 4-Φ19 | 203 |
| DN65 | 64 | 180 | 139.7 | 104.8 | 1.6 | 18 | 4-Φ19 | 216 |
| DN80 | 76 | 190 | 152.4 | 127 | 1.6 | 19 | 4-Φ19 | 241 |
| DN100 | 100 | 230 | 190.5 | 157.2 | 1.6 | 24 | 8-Φ19 | 292 |
| DN125 | 125 | 255 | 215.9 | 185.7 | 1.6 | 24 | 8-Φ22 | 330 |
| DN150 | 150 | 280 | 241.3 | 215.9 | 1.6 | 26 | 8-Φ22 | 356 |
| DN200 | 200 | 345 | 298.5 | 269.9 | 1.6 | 29 | 8-Φ22 | 495 |
| DN250 | 250 | 405 | 362 | 323.8 | 1.6 | 31 | 12-Φ25 | 622 |
| DN300 | 300 | 485 | 431.8 | 381 | 1.6 | 32 | 12-Φ25 | 698 |

| Class300 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Size | d | D | D1 | D2 | t | C | n-Φb | L |
| DN15 | 18 | 95 | 66.7 | 34.9 | 1.6 | 15 | 4-Φ16 | 140 |
| DN20 | 20 | 115 | 82.6 | 42.9 | 1.6 | 16 | 4-Φ19 | 152 |
| DN25 | 25 | 125 | 88.9 | 50.8 | 1.6 | 18 | 4-Φ19 | 216 |
| DN32 | 32 | 135 | 98.4 | 63.5 | 1.6 | 19 | 4-Φ19 | 229 |
| DN40 | 38 | 155 | 114.3 | 73 | 1.6 | 21 | 4-Φ22 | 241 |
| DN50 | 50 | 165 | 127 | 92.1 | 1.6 | 23 | 8-Φ19 | 267 |
| DN65 | 64 | 190 | 149.2 | 104.8 | 1.6 | 26 | 8-Φ22 | 292 |
| DN80 | 76 | 210 | 168.3 | 127 | 1.6 | 29 | 8-Φ22 | 318 |
| DN100 | 100 | 255 | 200 | 157.2 | 1.6 | 32 | 8-Φ22 | 356 |
| DN125 | 125 | 280 | 235 | 185.7 | 1.6 | 35 | 8-Φ22 | 400 |
| DN150 | 150 | 320 | 269.9 | 215.9 | 1.6 | 37 | 12-Φ22 | 444 |
| DN200 | 200 | 380 | 330.2 | 269.9 | 1.6 | 42 | 12-Φ25 | 533 |
| DN250 | 250 | 445 | 387.4 | 323.8 | 1.6 | 48 | 16-Φ29 | 622 |
| DN300 | 300 | 520 | 450.8 | 381 | 1.6 | 51.5 | 16-Φ32 | 711 |

## 设计制造标准
## Design & Manufacture Standard

设计与制造按API 6D、BS 1868、ASME B16.34
结构长度按ASME B16.10、API 6D
法兰连接尺寸按ASME B16.5、ASME B16.25、ASME B16.47
检验和测试按ISO 5208、API 598、BS 6755

Design & Manufacture as Per: API 6D、BS 1868、ASME B16.34
Face to face dimension as per: ASME B16.10、API 6D
Connection ends dimension as per:
ASME B16.5、ASME B16.25、ASME B16.47
Inspection and test as per: ISO 5208、API 598、BS 6755



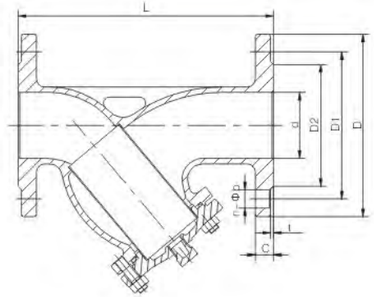


FLANGED Y-TYPE STRAINER
(WCB, CF8, CF8M, TI, NI)

# Y型法兰过滤器

**Y型法兰过滤器**
**(GB, ANSI, JIS, DIN, BS)**
**Flanged Y–type Strainer**






## 主要零件材料 Materials of main parts

| 零件名称 Description of Parts | SY41–(16–64)C | SY41–(16–64)P | SY41–(16–64)R |
|---|---|---|---|
| 阀体 Body | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 阀盖 Bonnet | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 过滤网 Mesh | ICr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 垫片 Gasket | 聚四氟乙烯/钢带石墨缠绕 Polytetrafluorethylene(PTFE)/Stainless steel and graphite spiral wound | | |

## 主要外形尺寸 Main outer size

| Class150 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Size | d | D | D1 | D2 | t | C | n-Φb | L |
| DN15 | 15 | 90 | 60.3 | 34.9 | 1.6 | 10 | 4-Φ16 | 130 |
| DN20 | 20 | 100 | 69.9 | 42.9 | 1.6 | 11 | 4-Φ16 | 140 |
| DN25 | 25 | 110 | 79.4 | 50.8 | 1.6 | 12 | 4-Φ16 | 150 |
| DN32 | 32 | 115 | 88.9 | 63.5 | 1.6 | 13 | 4-Φ16 | 170 |
| DN40 | 38 | 125 | 98.4 | 73 | 1.6 | 15 | 4-Φ16 | 200 |
| DN50 | 50 | 150 | 120.7 | 92.1 | 1.6 | 16 | 4-Φ19 | 220 |
| DN65 | 64 | 180 | 139.7 | 104.8 | 1.6 | 18 | 4-Φ19 | 252 |
| DN80 | 76 | 190 | 152.4 | 127 | 1.6 | 19 | 4-Φ19 | 280 |
| DN100 | 100 | 230 | 190.5 | 157.2 | 1.6 | 24 | 8-Φ19 | 320 |
| DN125 | 125 | 255 | 215.9 | 185.7 | 1.6 | 24 | 8-Φ22 | 350 |
| DN150 | 150 | 280 | 241.3 | 215.9 | 1.6 | 26 | 8-Φ22 | 400 |
| Dn200 | 200 | 345 | 298.5 | 269.9 | 1.6 | 29 | 8-Φ22 | 485 |

| PN16 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Size | d | D | D1 | D2 | t | C | n-Φb | L |
| DN15 | 15 | 95 | 65 | 45 | 2 | 14 | 4-Φ14 | 130 |
| DN20 | 20 | 105 | 75 | 58 | 2 | 14 | 4-Φ14 | 140 |
| DN25 | 25 | 115 | 85 | 68 | 2 | 14 | 4-Φ14 | 150 |
| DN32 | 32 | 140 | 100 | 78 | 2 | 16 | 4-Φ18 | 170 |
| DN40 | 38 | 150 | 110 | 88 | 3 | 16 | 4-Φ18 | 200 |
| DN50 | 50 | 165 | 125 | 102 | 3 | 16 | 4-Φ18 | 220 |
| DN65 | 64 | 185 | 145 | 122 | 3 | 18 | 4-Φ18 | 252 |
| DN80 | 76 | 200 | 160 | 138 | 3 | 20 | 8-Φ18 | 280 |
| DN100 | 100 | 220 | 180 | 158 | 3 | 20 | 8-Φ18 | 320 |
| DN125 | 125 | 250 | 210 | 188 | 3 | 22 | 8-Φ18 | 350 |
| DN150 | 150 | 285 | 240 | 212 | 3 | 24 | 8-Φ23 | 400 |
| Dn200 | 200 | 340 | 295 | 268 | 3 | 26 | 12-Φ23 | 485 |

## 性能规范 Specifications

公称压力：PN1.6–6.4,Class150/300,10k/20k
强度试验压力：PT1.5PN
适用介质：SY41–(16–64)C 水、油品、气
适用温度：–29~180℃
适用介质：SY41–(16–64)P 硝酸类
SY41–(16–64)R 醋酸类
适用温度：–40~180℃

Nominal pressure：PN1.6–6.4,Class150/300,10k/20k
Strength testing pressure：PT1.5PN
Applicable media：
SY41–(16–64)C Water.Oil.Gas
Applicable temperature：–29~180℃
SY41–(16–64)P Nitric acid
SY41–(16–64)R Acetic acid
Applicable temperature：–40~180℃

AMERICAN STANDARD FORGED STEEL GLOBE VALVE
(A105、F304、F316)

# 美标锻钢截止阀

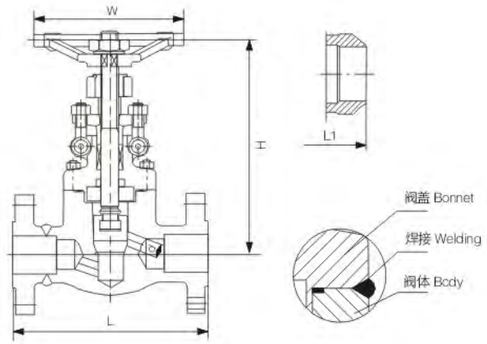
美标锻钢截止阀
American standard forged steel globe valve



法兰型



螺纹、承插焊型




## 主要尺寸及重量 Main size and weight

| J41H(Y) | | Class150-600 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Size | | 压力磅级 Class | L(mm) | L2(mm) | H开(mm) | | W(mm) | | WT(kg) | |
| in | mm | | | | 缩径 RB | 全径 FB | 缩径 RB | 全径 FB | 缩径 RB | 全径 FB |
| 1/2 | 15 | 150 | 108 | 108 | 158 | 163 | 100 | 100 | 4.5 | 6.9 |
| | | 300 | 152 | 152 | | | | | 4.8 | 7.7 |
| | | 600 | 165 | 165 | | | | | 5.6 | 7.8 |
| 3/4 | 20 | 150 | 117 | 117 | 163 | 193 | 100 | 125 | 6.9 | 9.8 |
| | | 300 | 178 | 178 | | | | | 7.7 | 11.3 |
| | | 600 | 190 | 190 | | | | | 7.8 | 12.5 |
| 1 | 25 | 150 | 127 | 127 | 193 | 250 | 125 | 160 | 9.8 | 13.5 |
| | | 300 | 203 | 203 | | | | | 11.1 | 16.8 |
| | | 600 | 216 | 216 | | | | | 12.5 | 17.5 |
| 1 1/4 | 32 | 150 | 140 | 140 | 250 | 250 | 160 | 160 | 13.5 | 19.5 |
| | | 300 | 216 | 216 | | | | | 16.8 | 21.2 |
| | | 600 | 229 | 229 | | | | | 17.0 | 23.5 |
| 1 1/2 | 40 | 150 | 165 | 165 | 250 | 291 | 160 | 180 | 19.5 | 28.5 |
| | | 300 | 229 | 229 | | | | | 21.2 | 32.6 |
| | | 600 | 241 | 241 | | | | | 23.5 | 38.5 |
| 2 | 50 | 150 | 203 | 203 | 291 | 312 | 180 | 200 | 28.0 | 30.3 |
| | | 300 | 267 | 267 | | | | | 32.6 | 35.0 |
| | | 600 | 292 | 292 | | | | | 38.8 | 42.2 |

## 设计制造标准
## Design & Manufacture Standard

设计制造按API 602、BS 5352、ASME B16.34
连接尺寸按ASME B16.5、ASME B16.25
检验和测试按API 598

Design manufacture as per: API 602,BS 5352,ASME B16.34
Connection ends dimension as per: ASME B16.5, ASME B16.25
Inspection and test as per: API 598





AMERICAN STANDARD FORGED STEEL GATE VALVEES
(A105、F304、F316)

# 美标锻钢闸阀

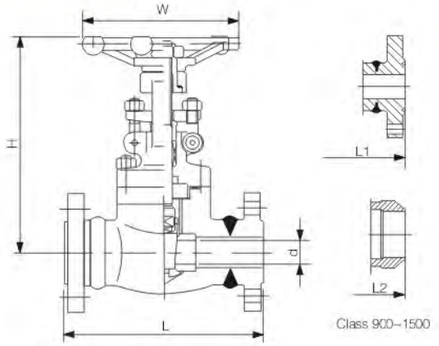
美标锻钢闸阀
American Standard Forged steel gate valves



法兰型



螺纹、承插焊型




## 主要尺寸及重量 Main size and weight

| Z41H(Y) | | Class 900~1500 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Size | | 压力磅级 Class | L(mm) | L2(mm) | H开(mm) | | W(mm) | | WT(kg) | |
| in | mm | | | | 缩径 RB | 全径 FB | 缩径 RB | 全径 FB | 缩径 RB | 全径 FB |
| 1/2 | 15 | 150 | 108 | 108 | 166 | 169 | 100 | 100 | 4.5 | 5 |
| | | 300 | 140 | 140 | | | | | 4.8 | 5.2 |
| | | 600 | 165 | 165 | | | | | 5.9 | 5.9 |
| 3/4 | 20 | 150 | 117 | 117 | 169 | 193 | 100 | 125 | 5.2 | 6.1 |
| | | 300 | 152 | 152 | | | | | 6.2 | 6.3 |
| | | 600 | 190 | 191 | | | | | 7.4 | 7.5 |
| 1 | 25 | 150 | 127 | 127 | 193 | 230 | 125 | 160 | 8.2 | 8.4 |
| | | 300 | 165 | 165 | | | | | 9.3 | 8.6 |
| | | 600 | 216 | 216 | | | | | 10.4 | 10.2 |
| 1 1/4 | 32 | 150 | 140 | 138 | 230 | 246 | 160 | 160 | 11.5 | 14.3 |
| | | 300 | 178 | 178 | | | | | 14 | 14.5 |
| | | 600 | 229 | 229 | | | | | 16.2 | 16.7 |
| 1 1/2 | 40 | 150 | 165 | 165 | 246 | 283 | 160 | 180 | 12.5 | 15.4 |
| | | 300 | 190 | 191 | | | | | 15.5 | 15.6 |
| | | 600 | 241 | 241 | | | | | 17.5 | 17.4 |
| 2 | 50 | 150 | 178 | 178 | 283 | 330 | 180 | 200 | 20.3 | 22.7 |
| | | 300 | 216 | 216 | | | | | 23.4 | 22.8 |
| | | 600 | 292 | 292 | | | | | 28.3 | 28.7 |

| Z41H(Y) | | Class 900~1500 | | | | | |
|---|---|---|---|---|---|---|---|
| Size | | L(mm) | L2(mm) | H开(mm) | W(mm) | WT(kg) | |
| in | mm | | | | | B.B | W.B |
| 1/2 | 15 | 216 | 216 | 197 | 125 | 6.9 | 7.2 |
| 3/4 | 20 | 229 | 224 | 197 | 125 | 11.2 | 11.5 |
| 1 | 25 | 254 | 254 | 224 | 160 | 12.8 | 15.6 |
| 1 1/4 | 32 | 279 | 279 | 237 | 160 | 16.0 | 16.2 |
| 1 1/2 | 40 | 305 | 305 | 276 | 180 | 21.0 | 22.6 |
| 2 | 50 | 368 | 368 | 320 | 200 | 27.1 | 28.2 |

## 设计制造标准
## Design & Manufacture Standard

设计制造按API 602、BS5352、ASME B16.34
连接尺寸按ASME B16.5、ASME B16.25
检验和测试按API 598

Design manufacture as per: API 602、BS 5352、ASME B16.34
Connection ends dimension as per: ASME B16.5、ASME B16.25
Inspection and test as per: API 598

AMERICAN STANDARD FORGED CHECK VALVE
(A105、F304、F316)

# 美标锻钢止回阀

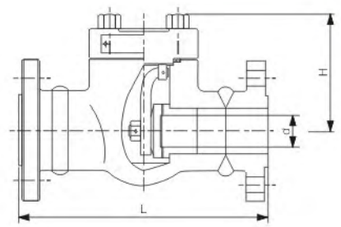
美标锻钢止回阀
American standard forged check valve



法兰型



螺纹、承插焊型




## 主要尺寸及重量 Main size and weight

| H44H(Y) | | Class150-600 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Size | | 压力磅级 Class | L(mm) | WT(kg) 升降式Lifting type | | WT(kg) 旋启式Swing type | | WT(kg) 升降式Lifting type | | WT(kg) 旋启式Swing type | |
| inch | mm | | | 缩径 RB | 全径 FB | 缩径 RB | 全径 FB | 缩径 RB | 全径 FB | 缩径 RB | 全径 FB |
| 1/2 | 15 | 150 | 108 | 61 | 61 | 61 | 61 | 2.6 | 3.4 | 2.5 | 3.3 |
| | | 300 | 152 | | | | | 2.7 | 3.7 | 2.6 | 3.6 |
| | | 600 | 165 | | | | | 3.0 | 4.0 | 2.9 | 4.3 |
| 3/4 | 20 | 150 | 117 | 61 | 78 | 61 | 78 | 3.4 | 4.4 | 3.3 | 4.8 |
| | | 300 | 178 | | | | | 3.7 | 4.7 | 3.6 | 5.1 |
| | | 600 | 190 | | | | | 4.0 | 5.8 | 4.3 | 6.2 |
| 1 | 25 | 150 | 127 | 78 | 84 | 78 | 84 | 4.4 | 8.2 | 4.8 | 7.0 |
| | | 300 | 203 | | | | | 4.7. | 8.8 | 5.1 | 7.4 |
| | | 600 | 216 | | | | | 5.8 | 9.5 | 6.2 | 7.7 |
| 11/4 | 32 | 150 | 140 | 84 | 103 | 84 | 101 | 8.2 | 8.9 | 7.0 | 7.5 |
| | | 300 | 216 | | | | | 8.8 | 9.6 | 7.4 | 7.9 |
| | | 600 | 229 | | | | | 9.5 | 10.1 | 7.7 | 9.3 |
| 11/2 | 40 | 150 | 165 | 108 | 118 | 101 | 120 | 8.9 | 1.0 | 7.5 | 11.3 |
| | | 300 | 229 | | | | | 9.6 | 13.7 | 7.9 | 11.7 |
| | | 600 | 241 | | | | | 10.1 | 15.6 | 9.3 | 13.2 |
| 2 | 50 | 150 | 203 | 118 | 132 | 120 | 133 | 12.6 | 14.3 | 11.3 | 13.6 |
| | | 300 | 267 | | | | | 13.7 | 17.8 | 11.7 | 16.8 |
| | | 600 | 292 | | | | | 15.6 | 24.6 | 13.2 | 20.5 |

## 设计制造标准
## Design & Manufacture Standard

设计制造按BS 5352、ASME B16.34
连接尺寸按ASME B16.11
检验和测试按API 598

Design & Manufacture as per BS 5352, ASME B16.34
Connection ends dimension as per ASME B16.11
Inspection and test as per API 598





# INTELLIGENT SERIES PNEUMATIC, ELECTRIC, GAS LIQUID LINKAGE

# 04 智能系列气动、电动、气液联动

Products applicable to petroleum, chemical, natural gas, light industry, electric power, pharmaceuticals, dyes, metallurgy, fiber, leather, textile, food, military, construction, refrigeration, water supply and other industries.

PNEUMATIC BALL VALVE
(GB, ANSI, JIS, DIN, BS)

# 气动球阀







BALL VALVE WITH ELECTRIC ACTUATOR
(WCB, CF8, CF8M, TI, NI)

# 电动球阀

(GB, ANSI, JIS, DIN, BS)
Ball Valve With Electric Actuator
Q9$^{11}_{41}$F-(16-64)C、P、R、Ti、Ni
(WCB、CF8、CF8M、Ti、Ni)



## 主要零件材料 Materials of main parts

| 零件名称 Description of Parts | Q9$^{11}_{41}$F-(16-64)C | Q9$^{11}_{41}$F-(16-64)P | Q9$^{11}_{41}$F-(16-64)R |
|---|---|---|---|
| 阀体 Body | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 阀盖 Bonnet | WCB | ZG1Cr18Ni9Ti CF8 | ZG1Cr18Ni12Mo2Ti CF8M |
| 球体 Ball | 1Cr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 阀杆 Stem | 1Cr18Ni9Ti 304 | 1Cr18Ni9Ti 304 | 1Cr18Ni12Mo2Ti 316 |
| 密封圈 Sealing | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |
| 填料 Packing | 聚四氟乙烯 Polytetrafluorethylene(PTFE) | | |

## 性能规范 Specifications

公称压力：PN1.6-6.4,Class150/300,10k/20k
强度试验压力：PT1.5PN
低压气密封试验压力：0.6MPa
适用介质：Q9$^{11}_{41}$F-(16-64)C 水、油品、气
适用温度：-29~180℃
适用介质：Q9$^{11}_{41}$F-(16-64)P 硝酸类
Q9$^{11}_{41}$F-(16-64)R 醋酸类
适用温度：-40~180℃

Nominal pressure：PN1.6-6.4,Class150/300,10k/20k
Strength testing pressure：PT1.5PN
Seat testing pressure (low pressure)：0.6MPa
Applicable media：
Q9$^{11}_{41}$F-(16-64)C Water.Oil.Gas
Applicable temperature：-29~180℃
Q9$^{11}_{41}$F-(16-64)P Nitric acid
Q9$^{11}_{41}$F-(16-64)R Acetic acid
Applicable temperature：-40~180℃



# BALL VALVE、 BUTTERFLY VALVE SERIES

## 05 高性能球阀、蝶阀系列

Products applicable to petroleum, chemical, natural gas, light industry, electric power, pharmaceuticals, dyes, metallurgy, fiber, leather, textile, food, military, construction, refrigeration, water supply and other industries.



AS FLANGED BALL VALVE (FIXED BALL)
GB, ANSI, JIS,DIN, BS

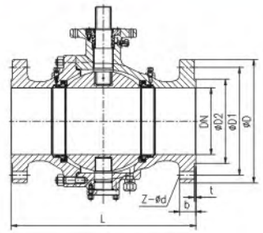
# 法兰球阀(固定球式)

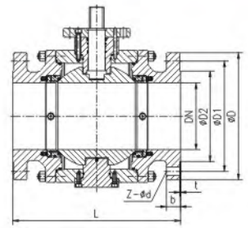


### 设计标准 Design standards

设计制造规范：API 6D　API 608
结构长度：ASME B16.10
法兰连接尺寸：ASME B16.5
试验与检验：API 6D　　API 598

Design and manufacturing specifications:
API 6D API 608
Structure length: ASME B16.10
Flange connection dimensions: ASME B16.5
Test and Inspection: API 6D API 598



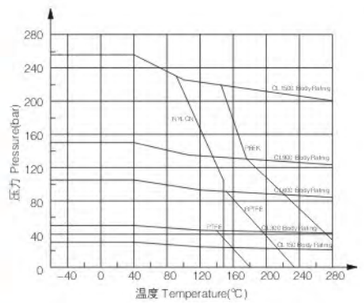

### 性能规范 Specifications

公称压力：150，300，600，900LB
强度试验：PT3.0，7.5，15，22.5Mpa
密封试验：2.2，5.5，11，16.5Mpa
上密封试验：2.2，5.5，11，16.5Mpa
气密封试验：0.6Mpa

Nominal pressure: 150,300,600,900 LB
Strength test: PT3.0, 7.5,15,22.5 Mpa
Seal Test: 2.2,5.5,11,16.5 Mpa
The seal test: 2.2,5.5,11,16.5 Mpa
Gas seal test: 0.6Mpa

### 主要零件材料 Materials of main parts

| 材料名称 Material Name | 碳钢 Carbon steel | | | 不锈钢 Stainless steel | | | |
|---|---|---|---|---|---|---|---|
| 阀体 Body | A216 WCB | | A105 | A351 CF8 | A182 F304 | A351 CF8M | A182 F316 |
| 阀盖 Bonnet | A216 WCB | | A105 | A351 CF8 | A182 F304 | A351 CF8M | A182 F316 |
| 球体 Ball | A105 ENP | A276 304 | A276 316 | A276 304 | A276 316 | A276 316 | |
| 阀杆 Stem | A105 ENP | A276 304 | A276 316 | A276 304 | A276 316 | A276 316 | |
| 阀座 Seat | PTFE、NYLON、VITON | | | PTFE、NYLON、VITON | | PTFE、NYLON、VITON | |
| 阀杆轴承 Stem Bearing | 金属附PTFE Metal Backed PTFE | | | 金属附PTFE Metal Backed PTFE | | 金属附PTFE Metal Backed PTFE | |
| 弹簧 Spring | InconelX750/17-7PH | | | InconelX750/17-7PH | | InconelX750/17-7PH | |
| 填料 Gland Packing | PTFE/O-Ring | | | PTFE/O-Ring | | PTFE/O-Ring | |



AS FLANGED BALL VALVE (FIXED BALL)
GB, ANSI, JIS,DIN, BS

# 法兰球阀(固定球式)

主要外形尺寸和连接尺寸
The main dimensions and connection dimensions

美标(ANSI)：150LB　　单位：mm

| 公称通径 Nominal Diameter | | L | D | D1 | D2 | b | f | Z-Φd |
|---|---|---|---|---|---|---|---|---|
| in | DN | | | | | | | |
| 2'' | 50 | 178 | 150 | 120.7 | 92.1 | 16 | 1.6 | 4-Φ19 |
| 2 1/2'' | 65 | 190 | 180 | 139.7 | 104.8 | 18 | 1.6 | 4-Φ19 |
| 3'' | 80 | 203 | 190 | 152.4 | 127 | 19 | 1.6 | 4-Φ19 |
| 4'' | 100 | 229 | 230 | 190.5 | 157.2 | 24 | 1.6 | 8-Φ19 |
| 5'' | 125 | 356 | 255 | 215.9 | 185.7 | 24 | 1.6 | 8-Φ22 |
| 6'' | 150 | 394 | 280 | 241.3 | 215.9 | 26 | 1.6 | 8-Φ22 |
| 8'' | 200 | 457 | 345 | 298.5 | 269.9 | 29 | 1.6 | 8-Φ22 |
| 10'' | 250 | 533 | 405 | 362 | 323.8 | 31 | 1.6 | 12-Φ25 |
| 12'' | 300 | 610 | 485 | 431.8 | 381 | 32 | 1.6 | 12-Φ25 |
| 14'' | 350 | 686 | 535 | 476.3 | 412.8 | 35.5 | 1.6 | 12-Φ29 |
| 16'' | 400 | 762 | 595 | 539.8 | 469.9 | 37 | 1.6 | 16-Φ29 |
| 18'' | 450 | 864 | 635 | 577.9 | 533.4 | 40 | 1.6 | 16-Φ32 |
| 20'' | 500 | 914 | 700 | 635 | 584.2 | 43.5 | 1.6 | 20-Φ32 |
| 24'' | 600 | 1067 | 815 | 749.3 | 692.2 | 48 | 1.6 | 20-Φ35 |

美标(ANSI)：300LB　　单位：mm

| 公称通径 Nominal Diameter | | L | D | D1 | D2 | b | f | Z-Φd |
|---|---|---|---|---|---|---|---|---|
| in | DN | | | | | | | |
| 2'' | 50 | 216 | 165 | 127 | 92.1 | 23 | 1.6 | 8-Φ19 |
| 2 1/2'' | 65 | 241 | 190 | 149.2 | 104.8 | 26 | 1.6 | 8-Φ22 |
| 3'' | 80 | 282 | 210 | 168.3 | 127 | 29 | 1.6 | 8-Φ22 |
| 4'' | 100 | 305 | 255 | 200 | 157.2 | 32 | 1.6 | 8-Φ22 |
| 5'' | 125 | 381 | 280 | 235 | 185.7 | 35 | 1.6 | 8-Φ22 |
| 6'' | 150 | 403 | 320 | 269.9 | 215.9 | 37 | 1.6 | 12-Φ22 |
| 8'' | 200 | 502 | 380 | 330.2 | 269.9 | 42 | 1.6 | 12-Φ25 |
| 10'' | 250 | 568 | 445 | 387.4 | 323.8 | 48 | 1.6 | 16-Φ29 |
| 12'' | 300 | 648 | 520 | 450.8 | 381 | 51.5 | 1.6 | 16-Φ32 |
| 14'' | 350 | 762 | 585 | 514.4 | 412.8 | 54.5 | 1.6 | 20-Φ32 |
| 16'' | 400 | 838 | 650 | 571.5 | 469.9 | 57.5 | 1.6 | 20-Φ35 |
| 18'' | 450 | 914 | 710 | 628.6 | 533.4 | 61 | 1.6 | 24-Φ35 |
| 20'' | 500 | 991 | 775 | 685.8 | 584.2 | 64 | 1.6 | 24-Φ35 |
| 24'' | 600 | 1143 | 915 | 812.8 | 692.2 | 70.5 | 1.6 | 24-Φ42 |

美标(ANSI)：600LB　　单位：mm

| 公称通径 Nominal Diameter | | L | D | D1 | D2 | b | f | Z-Φd |
|---|---|---|---|---|---|---|---|---|
| in | DN | | | | | | | |
| 2'' | 50 | 292 | 165 | 127 | 92.1 | 32 | 6.4 | 8-Φ19 |
| 2 1/2'' | 65 | 330 | 190 | 149.2 | 104.8 | 35 | 6.4 | 8-Φ22 |
| 3'' | 80 | 356 | 210 | 168.3 | 127 | 38.5 | 6.4 | 8-Φ22 |
| 4'' | 100 | 432 | 275 | 215.9 | 157.2 | 45 | 6.4 | 8-Φ25 |
| 5'' | 125 | 508 | 330 | 266.7 | 185.7 | 51.5 | 6.4 | 8-Φ29 |
| 6'' | 150 | 559 | 355 | 292.1 | 215.9 | 54.5 | 6.4 | 12-Φ29 |
| 8'' | 200 | 660 | 420 | 349.2 | 269.9 | 62 | 6.4 | 12-Φ32 |
| 10'' | 250 | 787 | 510 | 431.8 | 323.8 | 70 | 6.4 | 16-Φ35 |
| 12'' | 300 | 838 | 560 | 489 | 381 | 73.5 | 6.4 | 20-Φ35 |
| 14'' | 350 | 889 | 605 | 527 | 412.8 | 76.5 | 6.4 | 22-Φ38 |
| 16'' | 400 | 991 | 685 | 603.2 | 469.9 | 83 | 6.4 | 20-Φ42 |
| 18'' | 450 | 1092 | 745 | 654 | 533.4 | 89.5 | 6.4 | 20-Φ45 |
| 20'' | 500 | 1194 | 815 | 723.9 | 584.2 | 96 | 6.4 | 24-Φ45 |
| 24'' | 600 | 1397 | 940 | 838.2 | 692.2 | 108 | 6.4 | 24-Φ51 |

美标(ANSI)：900LB　　单位：mm

| 公称通径 Nominal Diameter | | L | D | D1 | D2 | b | f | Z-Φd |
|---|---|---|---|---|---|---|---|---|
| in | DN | | | | | | | |
| 2'' | 50 | 368 | 215 | 165.1 | 92.1 | 44.5 | 6.4 | 8-Φ25 |
| 2 1/2'' | 65 | 419 | 245 | 190.5 | 104.8 | 48 | 6.4 | 8-Φ29 |
| 3'' | 80 | 381 | 240 | 190.5 | 127 | 44.5 | 6.4 | 8-Φ25 |
| 4'' | 100 | 457 | 290 | 235 | 157.2 | 51 | 6.4 | 8-Φ32 |
| 5'' | 125 | 559 | 350 | 279.4 | 185.7 | 57.5 | 6.4 | 8-Φ35 |
| 6'' | 150 | 610 | 380 | 317.5 | 215.9 | 62 | 6.4 | 12-Φ32 |
| 8'' | 200 | 737 | 470 | 393.7 | 269.9 | 70 | 6.4 | 12-Φ38 |
| 10'' | 250 | 838 | 545 | 469.9 | 323.8 | 76.5 | 6.4 | 16-Φ38 |
| 12'' | 300 | 965 | 610 | 533.4 | 381 | 86 | 6.4 | 20-Φ38 |
| 14'' | 350 | 1029 | 640 | 558.8 | 412.8 | 92.5 | 6.4 | 20-Φ42 |
| 16'' | 400 | 1130 | 705 | 616 | 469.9 | 95.5 | 6.4 | 20-Φ45 |
| 18'' | 450 | 1219 | 785 | 685.8 | 533.4 | 108 | 6.4 | 20-Φ51 |
| 20'' | 500 | 1321 | 855 | 749.3 | 584.2 | 114.5 | 6.4 | 20-Φ54 |
| 24'' | 600 | 1549 | 1040 | 901.7 | 692.2 | 146.5 | 6.4 | 20-Φ67 |

美标(ANSI)：1500LB　　单位：mm

| 公称通径 Nominal Diameter | | L | D | D1 | D2 | b | f | Z-Φd |
|---|---|---|---|---|---|---|---|---|
| in | DN | | | | | | | |
| 2'' | 50 | 178 | 150 | 120.7 | 92.1 | 16 | 1.6 | 4-Φ19 |
| 2 1/2'' | 65 | 190 | 180 | 139.7 | 104.8 | 18 | 1.6 | 4-Φ19 |
| 3'' | 80 | 203 | 190 | 152.4 | 127 | 19 | 1.6 | 4-Φ19 |
| 4'' | 100 | 229 | 230 | 190.5 | 157.2 | 24 | 1.6 | 8-Φ19 |
| 5'' | 125 | 356 | 255 | 215.9 | 185.7 | 24 | 1.6 | 8-Φ22 |
| 6'' | 150 | 394 | 280 | 241.3 | 215.9 | 26 | 1.6 | 8-Φ22 |
| 8'' | 200 | 457 | 345 | 298.5 | 269.9 | 29 | 1.6 | 8-Φ22 |
| 10'' | 250 | 533 | 405 | 362 | 323.8 | 31 | 1.6 | 12-Φ25 |
| 12'' | 300 | 610 | 485 | 431.8 | 381 | 32 | 1.6 | 12-Φ25 |
| 14'' | 350 | 686 | 535 | 476.3 | 412.8 | 35.5 | 1.6 | 12-Φ29 |
| 16'' | 400 | 762 | 595 | 539.8 | 469.9 | 37 | 1.6 | 16-Φ29 |
| 18'' | 450 | 864 | 635 | 577.9 | 533.4 | 40 | 1.6 | 16-Φ32 |
| 20'' | 500 | 914 | 700 | 635 | 584.2 | 43.5 | 1.6 | 20-Φ32 |
| 24'' | 600 | 1067 | 815 | 749.3 | 692.2 | 48 | 1.6 | 20-Φ35 |





HIGH PERFORMANCE V BALL VALVE
GB, ANSI, JIS,DIN, BS

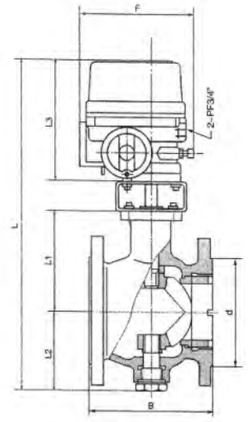
# 高性能V型球阀

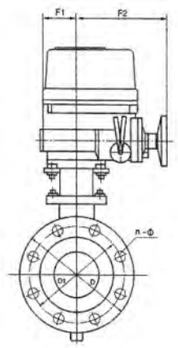
ZSHVY 系列气动V型球阀
ZSHVY series pneumatic V ball valve



ZSHVR 系列电子式电动V型球阀
ZSHVR series electronic type electric V ball valve




## 概要
## Summary

V型高性能球阀的阀芯具有V形口球体，是一种以改变V形切口面积来调节流体流量的旋转式调节阀。它特别适用于含有纤维或带有颗粒状物的介质。如纸浆生产、污水处理以及油品稳压输油管线等场合的控制。该阀芯上下端设有转动轴，阀座带有增能环可以调节密封力，阀开闭时V形开口与阀座产生楔形剪切力，使密封性能优越于O形球阀、闸板阀、闸阀等阀门，它主要应用于石化、造纸、电力、轻工、水处理厂等工业部门。

The valve plug of the high performance V ball valve is a V ball, which is a kind of rotary control valve that controls fluid flow through changing the V cut area. It is especially suitable for controlling media containing fibers or granules, such as control in applications such as paper pulp production, sewage treatment, oil product pressure stabilizing oil transportation pipeline, etc. The plug is provided with the rotary shaft at the upper and lower ends. The seat is provided with the booster ring for controlling the sealing force. When the valve is opened or closed, the V cut produces wedge shearing force with the seat, so that the sealing performance is superior to that of O ball valve, gate valve, etc. It is mainly applied in such industries as petrochemical industry, paper & pulp, light industry, water treatment, etc.

## 特点
## Features

- V形切口具有可调比大和等百分比流量特性，实现了对压力和流量的平稳调节。
- 结构简单、体积小、重量轻、流路畅通。
- 采用大螺母弹性自动补偿结构，对阀座和阀芯的密封面进行有效的调节，从而达到良好的密封性能。
- 带有偏心的阀芯、阀座结构，能减少自身的磨损。
- V形切口与阀座产生楔形剪切作用，能切断含有纤维状的介质，特别适合于粘度较大、含纤维及颗粒状的介质的开启与调节。

- The V cut has large adjustable ratio and equal percentage flow characteristic, realizing stable control of pressure and flow.
- Simple structure, small volume, light weight, smooth flow channel.
- Provided with large nut elastic automatic compensation structure to effectively control the sealing face of seat and plug and realize good sealing performance.
- The eccentric plug and seat structure can reduce wear.
- The V cut produces wedge shearing force with the seat to shut off media containing fibers. It is especially suitable for opening and controlling media of high viscosity and media containing fibers and granules.

HIGH PERFORMANCE V BALL VALVE
GB, ANSI, JIS,DIN, BS
# 高性能V型球阀

主要技术参数
Main technical parameters

**阀体**
型式：偏心角行程整体型球体 夹套型球
公称通径(DN)：1"~20"
公称压力(PN)：ANSI 150LB~900LB
连接方式：法兰连接式或对夹式
材质：A216-WCB、A351-CF8、A351-CF8M(或锻造件)
填料：石棉浸四氟、聚四氟乙烯、柔性石墨
按用户需要也可提供保温夹套式蝶阀

**阀内组件**
阀芯型式：含V形切口的部份球面形球体
阀芯材料：A351-CF8、CF8M 碳化处理或表面喷焊硬质合金阀座材质及使用温度：
软密封(R)：聚四氟乙烯 -20~+180℃
填充四氟 -20~+180℃
对位聚苯 -40~+350℃
硬密封(y)：A351-CF8、CF8M
碳化或表面喷焊硬质合金
-40~+450℃
阀轴材料：A276-420、A564-630
轴套材料：A182-F304、A182-F316
(氮化处理)或WMS(高温合金)

**Body**
Type: eccentric angular travel integral ball, jacket ball
Nominal diameter (DN): 1"~20"
Nominal pressure (PN): ANSI 150LB~900LB
Type of connection: flange connection or wafer type
Material: A216-WCB, A351-CF8, A351-CF8M (or forgings)
Packing: PTFE impregnated asbestos, PTFE, flexible graphite
Heat preservation jacket butterfly valve can also be offered according to user requirements.

**Trim**
Plug type: spherical ball with V cut
Plug material: A351-CF8, CF8M carbonizing or surface hard alloy spray welding
Seat material and working temperature:
soft seal (R): PTFE -20~+180℃
filled PTFE -20~+180℃
PPL -40~+350℃
hard seal (y): A351-CF8, CF8M
carbonizing or surface hard alloy spray welding
-40~+450℃
Valve shaft material: A276-420, A564-630
Sleeve material: A182-F304, A182-F316 (nitriding) or WMS (high temperature alloy)

图1 软密封型
阀芯：A351-CF8、A351-CF8M
阀座材质：聚四氟乙烯、填充四氟、对位聚苯
阀座泄漏量：零泄漏

Figure 1 Soft seal type
Plug: A351-CF8, A351-CF8M
Seat material: PTFE, filled PTFE, PPL
Seat leakage: zero leakage

图2 钢片式金属密封
阀芯材质：A351-CF8、CF8M氮化或表面喷焊
阀座材质：3J1、Inconel 不锈钢薄板
阀座泄漏量：按 ANSI B16.104 IV-VI级密封
额定 KVx0.001% 以内(250℃)
额定 KVx0.005% 以内(400℃)

Figure 2 Steel sheet type metal seal
Plug material: A351-CF8, CF8M nitriding or surface spray welding
Seat material: 3J1, Inconel stainless steel sheet
Seat leakage: As per ANSI B16.104 class IV-VI sealing
Rated within KVx0.001% (250℃)
Rated within KVx0.005% (400℃)

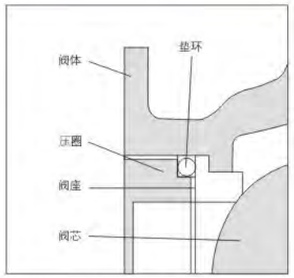


图1 软密封结构局部图
Figure 1 Soft seal structural diagram

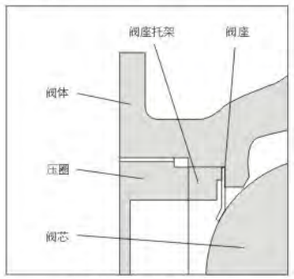


图2 钢片式金属硬密封结构部图
Figure 2 Steel sheet type metal hard seal structural diagram

ZKRVRY-16外形与连接尺寸
ZKRVRY-16 outline and connection dimensions

| 执行机构型号 Actuator Model | DN | 法兰连接尺寸 Flange connection dimensions | | | | 外形尺寸 Outline dimensions | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | D | D1 | d | n-φ | L | L1 | L2 | L3 | B | F | F1 | F2 |
| NAPCU | 25 | 115 | 85 | 65 | 4-φ14 | 450 | 81 | 52 | 255 | 75 | 181 | 56 | 175 |
| | 32 | 140 | 100 | 76 | 4-φ18 | 470 | 88 | 65 | 255 | 100 | 181 | 56 | 175 |
| | 40 | 150 | 110 | 84 | 4-φ18 | 473 | 88 | 68 | 255 | 100 | 181 | 56 | 175 |
| | 50 | 165 | 125 | 99 | 4-φ18 | 488 | 90 | 76 | 255 | 104 | 181 | 56 | 175 |
| | 65 | 185 | 145 | 118 | 4-φ18 | 561 | 112 | 96 | 255 | 160 | 181 | 56 | 175 |
| | 80 | 200 | 160 | 132 | 8-φ18 | 586 | 121 | 112 | 255 | 160 | 181 | 56 | 175 |
| | 100 | 220 | 180 | 156 | 8-φ18 | 607 | 132 | 122 | 255 | 180 | 181 | 56 | 175 |
| | 125 | 250 | 210 | 184 | 8-φ18 | 668 | 157 | 144 | 255 | 200 | 181 | 56 | 175 |
| | 150 | 285 | 240 | 211 | 8-φ22 | 693 | 172 | 154 | 255 | 230 | 224 | 77 | 184 |
| | 200 | 340 | 295 | 266 | 12-φ22 | 768 | 210 | 191 | 255 | 270 | 224 | 77 | 184 |
| | 250 | 405 | 355 | 319 | 12-φ26 | 901 | 257 | 210 | 302 | 297 | 258 | 83 | 202 |
| | 300 | 460 | 410 | 370 | 12-φ26 | 921 | 257 | 230 | 302 | 338 | 258 | 83 | 202 |
| | 350 | 520 | 470 | 429 | 16-φ29 | 1062 | 290 | 277 | 343 | 350 | 307 | 99 | 226 |
| | 400 | 580 | 525 | 480 | 16-φ30 | 1117 | 320 | 302 | 343 | 365 | 307 | 99 | 226 |
| | 450 | 640 | 585 | 548 | 20-φ30 | 1255 | 400 | 353 | 343 | 450 | 297 | 99 | 226 |
| | 500 | 715 | 650 | 609 | 20-φ33 | 1282 | 400 | 380 | 343 | 500 | 297 | 99 | 226 |





HIGH PERFORMANCE V BALL VALVE
GB, ANSI, JIS,DIN, BS
高性能V型球阀

ZKRVRY-64外形与连接尺寸
ZKRVRY-64 outline and connection dimensions

| 执行机构型号 Actuator Model | DN | 法兰连接尺寸 Flange connection dimensions | | | | 外形尺寸 Outline dimensions | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | D | D1 | d | n-φ | L | L1 | L2 | L3 | B | F | F1 | F2 |
| NAPCU | 25 | 135 | 100 | 78 | 4-φ19 | 450 | 81 | 52 | 255 | 85 | 181 | 56 | 175 |
| | 32 | 150 | 110 | 82 | 4-φ23 | 470 | 88 | 65 | 255 | 114 | 181 | 56 | 175 |
| | 40 | 165 | 125 | 95 | 4-φ23 | 473 | 88 | 68 | 255 | 114 | 181 | 56 | 175 |
| | 50 | 175 | 135 | 105 | 4-φ23 | 488 | 90 | 76 | 255 | 124 | 181 | 56 | 175 |
| | 65 | 200 | 160 | 130 | 8-φ23 | 561 | 112 | 96 | 255 | 165 | 181 | 56 | 175 |
| | 80 | 210 | 170 | 140 | 8-φ23 | 586 | 121 | 112 | 255 | 180 | 181 | 56 | 175 |
| | 100 | 225 | 200 | 168 | 8-φ25 | 607 | 132 | 122 | 255 | 194 | 181 | 56 | 175 |
| | 125 | 295 | 240 | 202 | 8-φ30 | 668 | 157 | 144 | 255 | 230 | 181 | 56 | 175 |
| | 150 | 340 | 280 | 240 | 8-φ34 | 693 | 172 | 154 | 255 | 260 | 224 | 77 | 184 |
| | 200 | 405 | 345 | 300 | 12-φ34 | 768 | 210 | 191 | 255 | 297 | 224 | 77 | 184 |
| | 250 | 470 | 400 | 352 | 12-φ41 | 101 | 257 | 210 | 302 | 320 | 258 | 83 | 202 |
| | 300 | 530 | 460 | 412 | 16-φ41 | 921 | 257 | 230 | 302 | 345 | 258 | 83 | 202 |
| | 350 | 595 | 525 | 475 | 16-φ41 | 1062 | 290 | 277 | 343 | 400 | 307 | 99 | 226 |
| | 400 | 670 | 585 | 525 | 16-φ48 | 1117 | 320 | 302 | 343 | 400 | 307 | 99 | 226 |
| | 500 | 800 | 705 | 640 | 20-φ54 | 1282 | 400 | 380 | 343 | 550 | 297 | 99 | 226 |

ZKRVRY-20(ANSI150Lb RF)外形与连接尺寸
ZKRVRY-20(ANSI150Lb Therefore) outline and connection dimensions

| 执行机构型号 Actuator Model | DN | 法兰连接尺寸 Flange connection dimensions | | | | 外形尺寸 Outline dimensions | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | D | D1 | d | n-φ | L | L1 | L2 | L3 | B | F | F1 | F2 |
| NAPCU | 25 | 108 | 79.5 | 51 | 4-φ15 | 450 | 81 | 52 | 255 | 75 | 181 | 56 | 175 |
| | 32 | 117 | 89 | 64 | 4-φ15 | 470 | 88 | 65 | 255 | 100 | 181 | 56 | 175 |
| | 40 | 127 | 98.5 | 73 | 4-φ15 | 473 | 88 | 68 | 255 | 100 | 181 | 56 | 175 |
| | 50 | 152 | 120.5 | 92 | 4-φ19 | 488 | 90 | 76 | 255 | 104 | 181 | 56 | 175 |
| | 65 | 178 | 139.5 | 105 | 4-φ19 | 561 | 112 | 96 | 255 | 160 | 181 | 56 | 175 |
| | 80 | 190 | 152.5 | 127 | 4-φ19 | 586 | 121 | 112 | 255 | 160 | 181 | 56 | 175 |
| | 100 | 229 | 190.5 | 157 | 8-φ19 | 607 | 132 | 122 | 255 | 180 | 181 | 56 | 175 |
| | 125 | 254 | 216 | 186 | 8-φ22 | 668 | 157 | 144 | 255 | 200 | 181 | 56 | 175 |
| | 150 | 279 | 241.5 | 216 | 8-φ22 | 693 | 172 | 154 | 255 | 230 | 224 | 77 | 184 |
| | 200 | 343 | 298.5 | 270 | 8-φ22 | 768 | 210 | 191 | 255 | 270 | 224 | 77 | 184 |
| | 250 | 406 | 362 | 324 | 12-φ25 | 901 | 257 | 210 | 302 | 297 | 258 | 83 | 202 |
| | 300 | 483 | 432 | 381 | 12-φ25 | 921 | 257 | 230 | 302 | 338 | 258 | 83 | 202 |
| | 350 | 533 | 476 | 413 | 12-φ29 | 1062 | 290 | 277 | 343 | 350 | 307 | 99 | 226 |
| | 400 | 597 | 540 | 470 | 16-φ29 | 1117 | 320 | 302 | 343 | 365 | 307 | 99 | 226 |
| | 450 | 635 | 578 | 533 | 16-φ32 | 1255 | 400 | 353 | 343 | 450 | 297 | 99 | 226 |
| | 500 | 699 | 635 | 684 | 20-φ32 | 1282 | 400 | 380 | 343 | 500 | 297 | 99 | 226 |

HIGH PERFORMANCE V BALL VALVE
GB, ANSI, JIS,DIN, BS

# 高性能V型球阀

ZKRVRY-64(ANSI300Lb RF)外形与连接尺寸
ZKRVRY-64(ANSI300Lb Therefore) outline and connection dimensions

| 执行机构型号 Actuator Model | DN | 法兰连接尺寸 Flange connection dimensions | | | | 外形尺寸 Outline dimensions | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | D | D1 | d | n-φ | L | L1 | L2 | L3 | B | F | F1 | F2 |
| NAPCU | 25 | 124 | 89 | 51 | 4-φ19 | 450 | 81 | 52 | 255 | 85 | 181 | 56 | 175 |
| | 32 | 135 | 98.5 | 635 | 4-φ22 | 470 | 88 | 65 | 255 | 114 | 181 | 56 | 175 |
| | 40 | 156 | 114.5 | 73 | 4-φ22 | 496 | 205 | 74 | 255 | 114 | 181 | 56 | 175 |
| | 50 | 165 | 127 | 92 | 8-φ19 | 499 | 102 | 80 | 255 | 124 | 181 | 56 | 175 |
| | 65 | 190 | 149 | 105 | 8-φ22 | 572 | 120 | 99 | 255 | 165 | 181 | 56 | 175 |
| | 80 | 210 | 168 | 127 | 8-φ22 | 590 | 125 | 112 | 255 | 180 | 181 | 56 | 175 |
| | 100 | 254 | 200 | 157 | 8-φ22 | 606 | 132 | 121 | 255 | 194 | 181 | 56 | 175 |
| | 125 | 279 | 235 | 186 | 8-φ22 | 654 | 157 | 130 | 255 | 230 | 181 | 56 | 175 |
| | 150 | 318 | 270 | 216 | 12-φ22 | 704 | 182 | 155 | 255 | 260 | 224 | 77 | 184 |
| | 200 | 381 | 330 | 270 | 12-φ25 | 772 | 225 | 180 | 255 | 297 | 224 | 77 | 184 |
| | 250 | 444 | 387.5 | 324 | 16-φ29 | 914 | 270 | 210 | 302 | 320 | 258 | 83 | 202 |
| | 300 | 521 | 451 | 381 | 16-φ32 | 964 | 290 | 240 | 302 | 345 | 258 | 83 | 202 |
| | 350 | 584 | 514.5 | 413 | 20-φ32 | 1085 | 310 | 280 | 343 | 400 | 307 | 99 | 226 |
| | 400 | 648 | 571.5 | 470 | 20-φ35 | 1172 | 358 | 319 | 343 | 400 | 307 | 99 | 226 |
| | 450 | 711 | 628.5 | 533 | 24-φ35 | 1347 | 450 | 395 | 343 | 450 | 297 | 99 | 226 |
| | 500 | 775 | 686 | 584 | 24-φ35 | 1362 | 450 | 410 | 343 | 500 | 297 | 99 | 226 |

ZKRVRY-100(ANSI600Lb RF)外形与连接尺寸
ZKRVRY-100(ANSI600Lb Therefore) outline and connection dimensions

| 执行机构型号 Actuator Model | DN | 法兰连接尺寸 Flange connection dimensions | | | | 外形尺寸 Outline dimensions | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | D | D1 | d | n-φ | L | L1 | L2 | L3 | B | F | F1 | F2 |
| NAPCU | 25 | 125 | 89 | 50.8 | 4-φ20 | 454 | 85 | 52 | 255 | 105 | 224 | 77 | 184 |
| | 32 | 135 | 98.5 | 63.5 | 4-φ20 | 472 | 90 | 65 | 255 | 125 | 224 | 77 | 184 |
| | 40 | 155 | 114.5 | 73 | 4-φ22 | 548 | 110 | 74 | 302 | 140 | 258 | 83 | 202 |
| | 50 | 165 | 127 | 92.4 | 8-φ20 | 554 | 110 | 80 | 302 | 150 | 258 | 83 | 202 |
| | 65 | 190 | 149 | 104.8 | 8-φ22 | 649 | 150 | 99 | 302 | 195 | 258 | 83 | 202 |
| | 80 | 210 | 168.5 | 127 | 8-φ22 | 672 | 160 | 112 | 302 | 205 | 258 | 83 | 202 |
| | 100 | 275 | 216 | 157.2 | 8-φ26 | 688 | 165 | 121 | 302 | 240 | 258 | 83 | 202 |
| | 125 | 330 | 267 | 185.7 | 8-φ30 | 750 | 170 | 125 | 343 | 260 | 307 | 99 | 226 |
| | 150 | 355 | 292 | 215.9 | 12-φ30 | 817 | 202 | 160 | 343 | 280 | 307 | 99 | 226 |
| | 200 | 420 | 349 | 269.9 | 12-φ33 | 865 | 225 | 185 | 343 | 350 | 307 | 99 | 226 |
| | 250 | 510 | 432 | 323.8 | 16-φ36 | 955 | 270 | 210 | 343 | 380 | 397 | 99 | 226 |
| | 300 | 560 | 489 | 381 | 20-φ36 | 1015 | 290 | 250 | 343 | 400 | 297 | 99 | 226 |
| | 350 | 605 | 527 | 412.8 | 20-φ39 | 1145 | 350 | 300 | 343 | 415 | 297 | 99 | 226 |





METAL SEATED BALL VALVES
GB, ANSI, JIS,DIN, BS

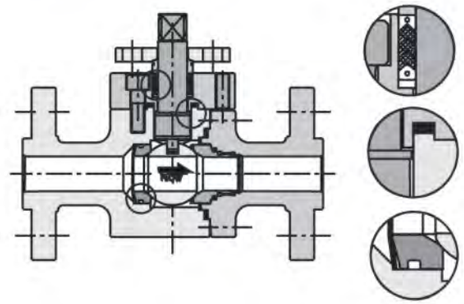
# 金属密封球阀

金属密封法兰球阀
Metal seated Flanged Ball valves

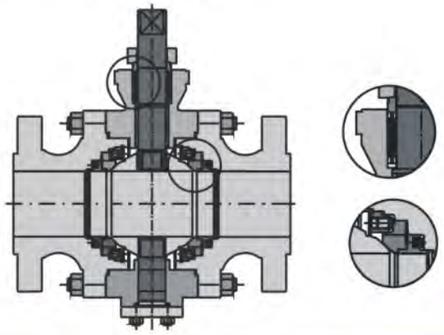





浮动球阀Floating Type
(单向密封Uni-Directional Flow)



固定球阀Trunnion Type
(双向密封Bi-Directional Flow)



## 具备如下特点

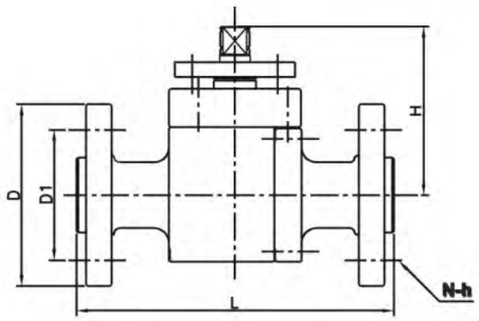
1. 阀体可以选择锻钢或铸钢，结构可选浮动或固定式。
2. 高精度的球体加工与高精度的阀座配合，可以到达ANSIB16.104 VI泄漏标准。
3. 固定式结构实现了金属球阀双向密封。
4. 可靠的操作，较小的开启力矩；阀座自身带有一体的膜片式弹簧，由于弹簧自身预紧力作用，开或关位时均可保证阀门比较小的力矩，从而保证了操作的可靠性。
5. 火灾安全：由于采用了全金属结构，保证了阀门本身的火灾。安全。
6. 最高温度应用可以到550℃（1022° F）。采用航天高速喷焊的球体与阀座，其硬度可以达到HRC70-72，其应用的温度范围高达550℃。
7. 连接方式：对焊或插焊，DIN法兰或ANSI法兰。

## Features

1. The series valves use forge steel or cast steel as their body material. The structure can be floating type or trunnion type ball supports.
3. Flow direction for floating mounted type is uni-directional. Trunnion mounted type is fully bi-directional with double-block-and-bleed capability.
2. High precision machining results in superior ball and seat interfacing for tight shut off conforming to leakage standard of ANSI B16.104 class VI.
4. Dependable operations with low operating torque: Diaphragm spring loaded seat maintain close contact with the ball assuring tight sealing even at low pressure. This results in low opening and closing torques.
5. Fire safe: The combination of metal seals and graphite seals insure fire-safe capabilities.
6. The highest service applications temperature are up to 550℃ (1022° F). The ball and seat hardened by spaceflight high-speed overlay. And hardness meets HRC 70-72℃.
7. End connections:DIN or ANSI flange, butt weld or socket weld.

METAL SEATED BALL VALVES
GB, ANSI, JIS,DIN, BS
# 金属密封球阀

浮动球阀尺寸
Floating Type Dimensions




单位Unit: mm

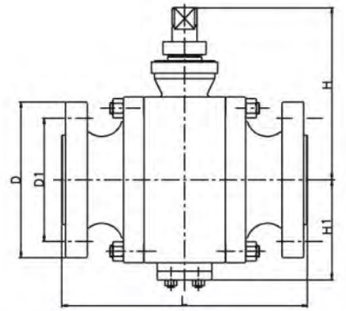
| ANSI Class | Valve Size | L | ΦD | ΦD1 | H | N-h | Weight Kg |
|---|---|---|---|---|---|---|---|
| 150 | 15(1/2") | 108 | 89 | 60.5 | 59 | 6-16 | 2.3 |
| | 20(3/4") | 117 | 98 | 70 | 63 | 4-16 | 3. |
| | 25(1") | 127 | 108 | 79.5 | 75 | 4-16 | 4.5 |
| | 40(1-1/2") | 165 | 127 | 98.5 | 97 | 4-16 | 7.7 |
| | 50(2") | 178 | 152 | 120.5 | 107 | 4-19 | 10.4 |
| | 65(2-1/2") | 190 | 165 | 139.5 | 142 | 4-19 | 19 |
| | 80(3") | 203 | 190 | 152.5 | 152 | 4-19 | 23 |
| | 100(4") | 229 | 229 | 190.5 | 197 | 4-19 | 33.5 |
| | 150(6") | 394 | 279 | 241.5 | 297 | 8-22 | 68 |
| | 200(8") | 457 | 343 | 298.5 | 368 | 8-22 | 107 |
| 300 | 15(1/2") | 140 | 95 | 65.5 | 59 | 4-16 | 2.5 |
| | 20(3/4") | 152 | 117 | 82.5 | 63 | 4-19 | 3.2 |
| | 25(1") | 165 | 124 | 89 | 75 | 4-19 | 5 |
| | 40(1-1/2") | 190 | 156 | 114.5 | 97 | 4-22 | 11 |
| | 50(2") | 216 | 165 | 127 | 107 | 8-19 | 15 |
| | 65(2-1/2") | 241 | 190 | 149 | 142 | 8-22 | 23.5 |
| | 80(3") | 282 | 210 | 168.5 | 152 | 8-22 | 35.5 |
| | 100(4") | 305 | 255 | 200 | 197 | 8-22 | 41 |
| | 150(6") | 403 | 318 | 270 | 297 | 12-22 | 105 |
| | 200(8") | 502 | 381 | 330 | 368 | 12-28 | 120 |
| 600 | 15(1/2") | 165 | 95 | 66.5 | 75 | 4-16 | 3.5 |
| | 20(3/4") | 190 | 117 | 82.5 | 80 | 4-19 | 6.2 |
| | 25(1") | 216 | 124 | 89 | 101 | 4-19 | 8.3 |
| | 40(1-1/2") | 240 | 156 | 114.5 | 111 | 4-22 | 13.5 |
| | 50(2") | 292 | 165 | 127 | 162 | 8-19 | 19 |





METAL SEATED BALL VALVES
GB, ANSI, JIS,DIN, BS
# 金属密封球阀

固定球阀尺寸
Trunnion Type Dimensions




单位Unit: mm

| ANSI Class | Valve Size | L | ΦD | ΦD1 | H | N-h | Weight Kg |
|---|---|---|---|---|---|---|---|
| 150 | 50(2") | 178 | 150 | 120.5 | 152 | 165 | 28 |
| | 80(3") | 203 | 190 | 152.5 | 195 | 204 | 54 |
| | 100(4") | 229 | 229 | 190.5 | 213 | 217 | 84 |
| | 150(6") | 394 | 280 | 241.5 | 265 | 235 | 183 |
| 300 | 50(2") | 216 | 165 | 127 | 153 | 165 | 30 |
| | 80(3") | 282 | 210 | 168.5 | 195 | 204 | 60 |
| | 100(4") | 305 | 255 | 200 | 213 | 217 | 100 |
| | 150(6") | 403 | 320 | 270 | 265 | 235 | 204 |
| 600 | 50(2") | 292 | 165 | 127 | 168 | 141 | 32 |
| | 80(3") | 356 | 210 | 168.5 | 208.5 | 167 | 64 |
| | 100(4") | 432 | 275 | 216 | 244 | 203 | 122 |
| | 150(6") | 559 | 355 | 292 | 275 | 242 | 267 |
| 900 | 50(2") | 368 | 215 | 165 | 167 | 141 | 55 |
| | 80(3") | 381 | 240 | 190.5 | 208 | 167 | 97 |
| | 100(4") | 457 | 290 | 235 | 244 | 202.5 | 162 |
| | 150(6") | 618 | 380 | 317.5 | 275 | 226 | 390 |

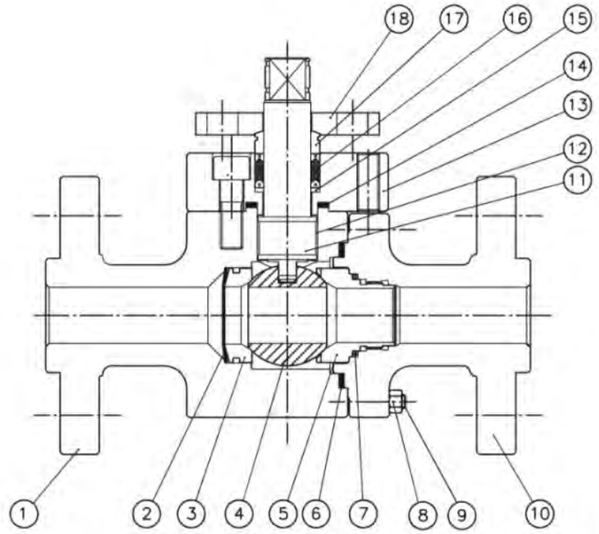
阀体温度压力表
Valve Body Temperature/Pressure Table

| Max Operating Temperature To DIN ℃ | Maximum Operating Pressure To DIN2401 | | | | | |
|---|---|---|---|---|---|---|
| | PN40 | | PN63 | | PN100 | |
| | A105 | ASTM A182 F316 | A105 | ASTM A182 F316 | A105 | ASTM A182 F316 |
| -10~20 | 40 | 40 | 63 | 63 | 100 | 100 |
| 120 | 40 | 40 | 63 | 63 | 100 | 100 |
| 200 | 35 | 35 | 50 | 50 | 80 | 80 |
| 250 | 32 | 32 | 45 | 45 | 70 | 70 |
| 300 | 28 | 28 | 40 | 40 | 60 | 60 |
| 350 | 24 | 24 | 36 | 36 | 56 | 56 |
| 400 | 21 | 21 | 32 | 32 | 50 | 50 |
| 425 | - | - | - | - | - | - |
| 450 | - | - | - | - | - | - |
| 550 | - | - | - | - | - | - |
| 550 | - | - | - | - | - | - |

| Max Operating Temperature To DIN ℃ | Maximum Operating Pressure ToANSI | | | | | |
|---|---|---|---|---|---|---|
| | CLASS 150 | | CLASS 300 | | CLASS 600 | |
| | A105 | ASTM A182 F316 | A105 | ASTM A182 F316 | A105 | ASTM A182 F316 |
| -29~38 | 19.6 | 19.0 | 51.1 | 49.6 | 102.1 | 99.3 |
| 100 | 17.7 | 16.2 | 46.4 | 42.2 | 92.8 | 84.5 |
| 200 | 14.0 | 13.7 | 43.8 | 35.7 | 90.5 | 71.2 |
| 250 | 12.1 | 12.1 | 41.7 | 33.4 | 83.4 | 66.7 |
| 300 | 10.2 | 10.2 | 38.7 | 31.6 | 77.5 | 63.1 |
| 350 | 8.4 | 8.4 | 37.0 | 30.4 | 73.9 | 63.1 |
| 400 | 6.5 | 6.5 | 34.5 | 29.3 | 69.0 | 58.9 |
| 425 | 5.6 | 5.6 | 28.8 | 29.0 | 57.5 | 58.3 |
| 450 | 4.7 | 4.6 | 20.0 | 29.0 | 40.1 | 57.7 |
| 500 | 2.8 | 2.8 | 8.8 | 27.3 | 17.6 | 54.8 |
| 550 | - | 16.2 | - | 23.8 | - | 47.8 |

METAL SEATED BALL VALVES
GB, ANSI, JIS,DIN, BS
# 金属密封球阀

浮动球阀
Floating Type




零部件名称及材料 Part & Materials

| 件号 Number | 名称 PART NAME | 材料 MATERAL | |
|---|---|---|---|
| 1 | 阀体BODY | A105 | A182 F316 |
| 2 | 弹簧SPRING | INCONEL X-750 | INCONEL X-750 |
| 3 | 阀座SEAT | A182F304+STL | A182 F316+STL |
| 4 | 球体BALL | A182 F304+SFNi | A182 F316+SFNi |
| 5 | 阀座SEAT | A182F304+STL | A182F316+STL |
| 7 | 垫片GASKET | A182 F304+GRAPHITE | A182 F304+GRAPHITE |
| 6 | 阀座垫片SEAT GASKET | FLEXIBLE GRAAPHITE | FLEXIBLE GRAPHITE |
| 8 | 螺母NUT | A194 2H | A194 2H |
| 9 | 螺柱STUD | A193 B7 | A193 B7 |
| 10 | 左体BODY CAP | A105 | A182 F316 |
| 11 | 阀杆STEM | JIS SUS 329J1 | JIS SUS329J1 |
| 12 | 阀杆轴承STEM BEARING | FLEXIBLE GRAPHITE | FLEXIBLE GRAPHITE |
| 13 | 填料箱STUFFING BOX | A105 | A182 F316 |
| 14 | 垫片GASKET | A182 F304+GRAPHITE | A182 F304+GRAPHITE |
| 15 | 止推轴承THRUST BEARING | A182 F304 | A182 F304 |
| 16 | 填料PACKING | FLEXIBLE GRAPHITE | FLEXIBLE GRAPHITE |
| 17 | 填料压环GLAND RING | A182 F304 | A182 F304 |
| 18 | 填料压盖GALND | A182 F304 | A182 F304 |

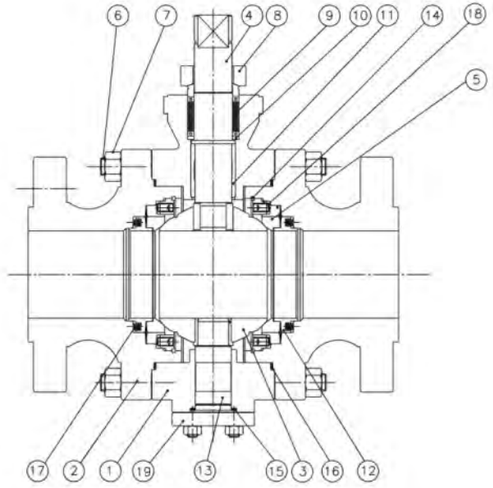
根据用户的要求及实际工况，也可提供其他材料，如：双相不锈钢、哈氏合金、蒙内尔。
According to local conditions and request of customers. We can supply the ball valves with othermaterials, such as: Duplex, Hastelloy C, Monel alloy.





METAL SEATED BALL VALVES
GB, ANSI, JIS,DIN, BS
# 金属密封球阀

固定球阀
Trunnion Type




零部件名称及材料 Part & Materials

| 件号 Number | 名称 PART NAME | 材料 MATERAL | |
|---|---|---|---|
| 1 | 阀体BODY | A105 | A182 F316 |
| 2 | 左右体BODY CAP | A105 | A182 F316 |
| 3 | 球体BALL | A182 F304+SFNi | A182 F316+SFNi |
| 4 | 阀杆STEM | JIS SUS 329J1+SFNi | JIS SUS 329J1+SFNi |
| 5 | 阀座SEAT | A182F304+STL | A182 F316 +STL |
| 7 | 螺柱STUD | A193 B7 | A193 B7 |
| 6 | 螺母NUT | A194 2H | A194 2H |
| 8 | 填料压盖GLAND | A105 | A182 F316 |
| 9 | 填料PACKING | FLEXIBLE GRAPHITE | FLEXIBLE GRAPHITE |
| 10 | 止推轴承THRUST BEARING | A182 F304 | A182 F316 |
| 11 | 阀杆轴承STEM BEARING | A182 F304+STL | A182 F316+STL |
| 12 | 阀座底座SEAT RETAINER | A105 | A182 F316 |
| 13 | 下阀杆LOWER STEM | JIS SUS 329J1+SFNi | JIS SUS 329J1+SFNi |
| 14 | 挡圈SNAP RING | A182 F304 | A182 F304 |
| 15 | 垫片GASKET | A182 F304+GRAPHITE | A182 F316+GRAPHITE |
| 16 | 垫片GASKET | A182 F304+GRAPHITE | A182 F316+GRAPHITE |
| 17 | 弹簧SPRING | INCONEL X-750 | INCONEL X-750 |
| 18 | 紧定螺钉SOCKET | A182F316 | A182F316 |
| 19 | 底盖LOWER COVER | A105 | A182 F316 |

根据用户的要求及实际工况，也可提供其他材料，如：双相不锈钢、哈氏合金、蒙内尔。
According to local conditions and request of customers. We can supply the ball valves with othermaterials, such as: Duplex, Hastelloy C, Monel alloy.

FLANGED MULTI-LAYER METALLIC HARD SEALING BUTTERFLY VALVE
GB, ANSI, JIS,DIN, BS

# 法兰式多层次金属硬密封蝶阀



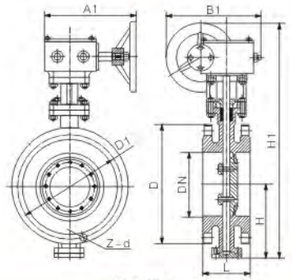
D345H



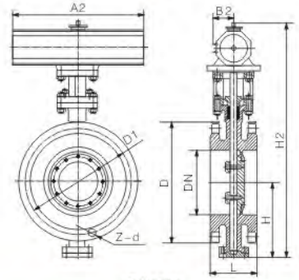
D645H



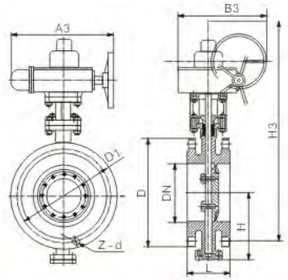
D945H




D345H




D645H




D945H

$D\frac{3}{9}45H-\frac{6}{10}C.P.R.V$系列法兰式多层次金属硬密封蝶阀 Flange type multiple layers metallic hard sealing butterfly valve

| 公称通径DN Nominal diameter | 结构长度(标准值) Structure length (standard) L | | 外形尺寸(参考值)External dimension(consult) | | | | | | | | | | 连接尺寸(标准值) Connection dimension(standard) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | H | D345H | | | D645H | | | D945H | | | PN0.6MPa | | | PN1.0MPa | | |
| 毫米mm | 短Brief | 长Long | | H1 | A1 | B1 | H2 | A2 | B2 | H3 | A3 | B3 | D | D1 | Z-d | D | D1 | Z-d |
| 50 | 108 | 150 | 112 | 350 | 180 | 200 | 625 | 245 | 72 | 530 | 250 | 255 | 140 | 110 | 4-14 | 165 | 125 | 4-18 |
| 65 | 112 | 170 | 115 | 370 | 180 | 200 | 625 | 245 | 72 | 530 | 250 | 255 | 160 | 130 | 4-14 | 185 | 145 | 4-18 |
| 80 | 114 | 180 | 120 | 380 | 180 | 200 | 645 | 245 | 72 | 565 | 250 | 255 | 190 | 150 | 4-18 | 200 | 160 | 8-18 |
| 100 | 127 | 190 | 138 | 420 | 180 | 200 | 675 | 355 | 92 | 600 | 250 | 255 | 210 | 170 | 4-18 | 220 | 180 | 8-18 |
| 125 | 140 | 200 | 164 | 460 | 180 | 200 | 715 | 355 | 92 | 640 | 250 | 255 | 240 | 200 | 8-18 | 250 | 210 | 8-18 |
| 150 | 140 | 210 | 175 | 555 | 270 | 280 | 800 | 355 | 92 | 705 | 300 | 315 | 265 | 225 | 8-18 | 285 | 240 | 8-22 |
| 200 | 152 | 230 | 200 | 760 | 400 | 425 | 850 | 250 | 170 | 775 | 300 | 315 | 320 | 280 | 8-18 | 340 | 295 | 8-22 |
| 250 | 165 | 250 | 243 | 830 | 400 | 425 | 925 | 250 | 170 | 945 | 300 | 315 | 375 | 335 | 12-18 | 395 | 350 | 12-22 |
| 300 | 178 | 270 | 250 | 895 | 450 | 560 | 1035 | 450 | 220 | 1070 | 300 | 315 | 440 | 395 | 12-22 | 445 | 400 | 12-22 |
| 350 | 190 | 290 | 280 | 950 | 450 | 560 | 1070 | 450 | 220 | 1140 | 300 | 315 | 490 | 445 | 12-22 | 505 | 460 | 16-22 |
| 400 | 216 | 310 | 305 | 1190 | 535 | 580 | 1190 | 450 | 220 | 1210 | 300 | 315 | 540 | 495 | 16-22 | 565 | 515 | 16-26 |
| 450 | 222 | 330 | 350 | 1255 | 535 | 580 | 1250 | 650 | 280 | 1335 | 575 | 714 | 595 | 550 | 16-22 | 615 | 565 | 20-26 |
| 500 | 229 | 350 | 380 | 1305 | 535 | 580 | 1290 | 650 | 280 | 1415 | 575 | 714 | 645 | 600 | 20-22 | 670 | 620 | 20-26 |
| 600 | 267 | 390 | 445 | 1340 | 570 | 660 | 1455 | 850 | 380 | 1605 | 656 | 810 | 755 | 705 | 20-26 | 780 | 725 | 20-30 |
| 700 | 292 | 430 | 480 | 1520 | 750 | 550 | 1585 | 850 | 380 | 1844 | 656 | 810 | 860 | 810 | 24-26 | 895 | 840 | 24-30 |
| 800 | 318 | 470 | 530 | 1710 | 750 | 550 | 1700 | 1250 | 380 | 2040 | 656 | 810 | 975 | 920 | 24-30 | 1015 | 950 | 24-33 |
| 900 | 330 | 510 | 580 | 1810 | 750 | 550 | 1965 | 1250 | 380 | 2255 | 785 | 863 | 1075 | 1020 | 24-30 | 1115 | 1050 | 28-33 |
| 1000 | 410 | 550 | 650 | 1960 | 900 | 750 | 2015 | 1250 | 380 | 2380 | 785 | 863 | 1175 | 1120 | 28-30 | 1230 | 1160 | 28-36 |
| 1200 | 470 | 630 | 760 | 2250 | 1000 | 925 | 2250 | 1250 | 380 | 2640 | 785 | 863 | 1405 | 1340 | 32-33 | 1455 | 1380 | 32-39 |
| 1400 | 530 | 710 | 850 | 2435 | 1000 | 925 | | | | 2886 | | | 1630 | 1560 | 36-36 | 1675 | 1590 | 36-42 |
| 1600 | 600 | 790 | 1030 | 2780 | 1000 | 925 | | | | 3156 | | | 1830 | 1760 | 40-36 | 1915 | 1820 | 40-48 |
| 1800 | 670 | 870 | 1230 | 3020 | 1100 | 980 | | | | 3421 | | | 2045 | 1970 | 44-39 | 2115 | 2020 | 44-48 |
| 2000 | 760 | 950 | 1350 | 3270 | 1100 | 980 | | | | 3685 | | | 2265 | 2180 | 48-42 | 2325 | 2230 | 48-48 |

注：可提供2200~3200mm口径 Note: offer valve that normal diameter can reach to 2200~3200mm





FLANGED MULTI-LAYER METALLIC HARD SEALING BUTTERFLY VALVE
GB, ANSI, JIS,DIN, BS

# 法兰式多层次金属硬密封蝶阀

$D\frac{3}{9}45H-\frac{16}{25}C.P.R.V$ 系列法兰式多层次金属硬密封蝶阀 Flange type multiple layers metallic hard sealing butterfly valve

| 公称通径DN Nominal diameter | 结构长度(标准值) Structure length (standard) L | 外形尺寸(参考值)External dimension(consult) | | | | | | | | | | 连接尺寸(标准值) Connection dimension(standard) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | H | D345H | | | D645H | | | D945H | | | PN1.6MPa | | | PN2.5MPa | | |
| 毫米mm | 短Brief | | H1 | A1 | B1 | H2 | A2 | B2 | H3 | A3 | B3 | D | D1 | Z-d | D | D1 | Z-d |
| 50 | 108 | 112 | 350 | 180 | 200 | 625 | 245 | 72 | 530 | 250 | 255 | 165 | 125 | 4-18 | 165 | 125 | 4-18 |
| 65 | 112 | 115 | 370 | 180 | 200 | 625 | 245 | 72 | 530 | 250 | 255 | 185 | 145 | 4-18 | 185 | 145 | 8-18 |
| 80 | 114 | 120 | 380 | 180 | 200 | 645 | 245 | 72 | 565 | 250 | 255 | 200 | 160 | 8-18 | 200 | 160 | 8-18 |
| 100 | 127 | 138 | 420 | 180 | 200 | 675 | 355 | 92 | 600 | 250 | 255 | 220 | 180 | 8-18 | 235 | 190 | 8-22 |
| 125 | 140 | 164 | 460 | 180 | 200 | 715 | 355 | 92 | 640 | 250 | 255 | 250 | 210 | 8-18 | 270 | 220 | 8-26 |
| 150 | 140 | 175 | 555 | 270 | 280 | 800 | 355 | 92 | 705 | 300 | 315 | 285 | 240 | 8-22 | 300 | 250 | 8-26 |
| 200 | 152 | 200 | 760 | 400 | 425 | 850 | 250 | 170 | 775 | 300 | 315 | 340 | 295 | 12-22 | 360 | 310 | 12-26 |
| 250 | 165 | 243 | 830 | 400 | 425 | 925 | 250 | 170 | 945 | 300 | 315 | 405 | 355 | 12-26 | 425 | 370 | 12-30 |
| 300 | 178 | 250 | 895 | 450 | 560 | 1035 | 450 | 220 | 1070 | 300 | 315 | 460 | 410 | 12-26 | 485 | 430 | 16-30 |
| 350 | 190 | 280 | 950 | 450 | 560 | 1070 | 450 | 220 | 1140 | 300 | 315 | 520 | 470 | 16-26 | 555 | 490 | 16-33 |
| 400 | 216 | 305 | 1190 | 535 | 580 | 1190 | 450 | 220 | 1210 | 300 | 315 | 580 | 525 | 16-30 | 620 | 550 | 16-36 |
| 450 | 222 | 350 | 1255 | 535 | 580 | 1250 | 650 | 280 | 1335 | 575 | 714 | 640 | 585 | 20-30 | 670 | 600 | 20-36 |
| 500 | 229 | 380 | 1305 | 535 | 580 | 1290 | 650 | 280 | 1415 | 575 | 714 | 715 | 650 | 20-33 | 730 | 660 | 20-36 |
| 600 | 267 | 445 | 1340 | 570 | 660 | 1455 | 850 | 380 | 1605 | 656 | 810 | 840 | 770 | 20-36 | 845 | 770 | 20-39 |
| 700 | 292 | 480 | 1520 | 750 | 550 | 1585 | 850 | 380 | 1844 | 656 | 810 | 910 | 840 | 24-36 | 960 | 875 | 24-42 |
| 800 | 318 | 530 | 1710 | 750 | 550 | 1700 | 1250 | 380 | 2040 | 656 | 810 | 1025 | 950 | 24-39 | 1085 | 990 | 24-48 |
| 900 | 330 | 580 | 1810 | 750 | 550 | 1865 | 1250 | 380 | 2255 | 785 | 863 | 1125 | 1050 | 28-39 | 1185 | 1090 | 28-48 |
| 1000 | 410 | 650 | 1960 | 900 | 750 | 2015 | 1250 | 380 | 2380 | 785 | 863 | 1255 | 1170 | 28-42 | 1320 | 1210 | 28-56 |
| 1200 | 470 | 760 | 2250 | 1000 | 925 | 2250 | 1250 | 380 | 2640 | 785 | 863 | 1485 | 1390 | 32-48 | 1530 | 1420 | 32-56 |
| 1400 | 530 | 850 | 2435 | 1000 | 925 | | | | 2886 | | | 1685 | 1590 | 36-48 | 1755 | 1640 | 36-62 |
| 1600 | 600 | 1030 | 2780 | 1000 | 925 | | | | 3156 | | | 1930 | 1820 | 40-56 | 1975 | 1860 | 40-62 |
| 1800 | 670 | 1230 | 3020 | 1100 | 980 | | | | 3421 | | | 2130 | 2020 | 44-56 | 2195 | 2070 | 44-70 |
| 2000 | 760 | 1350 | 3270 | 1100 | 980 | | | | 3685 | | | 2345 | 2230 | 48-62 | 2425 | 2300 | 48-70 |

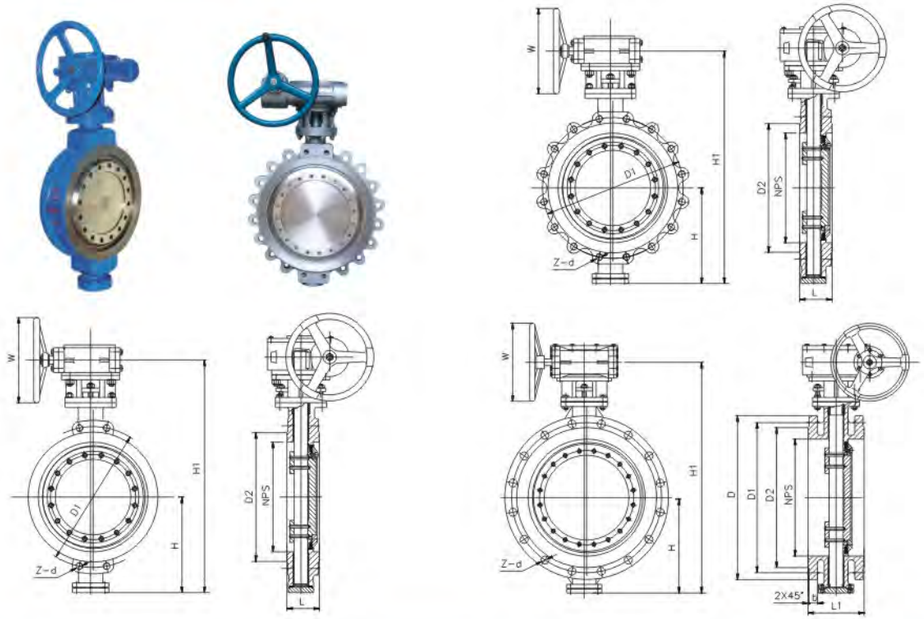
$D\frac{3}{9}45H-40C.P.R.V$系列法兰式多层次金属硬密封蝶阀 Flange type multiple layers metallic hard sealing butterfly valve

| 公称通径DN Nominal diameter | 结构长度(标准值) Structure length (standard) L | | 外形尺寸(参考值)External dimension(consult) | | | | | | | | | | 连接尺寸(标准值) Connection dimension(standard) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | H | D345H | | | D645H | | | D945H | | | PN4.0MPa | | |
| 毫米mm | 短Brief | 长Long | | H1 | A1 | B1 | H2 | A2 | B2 | H3 | A3 | B3 | D | D1 | Z-d |
| 50 | 108 | 150 | 112 | 350 | 180 | 200 | 625 | 250 | 170 | 530 | 250 | 255 | 165 | 125 | 4-18 |
| 65 | 112 | 170 | 115 | 370 | 270 | 280 | 625 | 250 | 170 | 530 | 250 | 255 | 185 | 145 | 8-18 |
| 80 | 114 | 180 | 120 | 380 | 270 | 280 | 645 | 250 | 170 | 565 | 250 | 255 | 200 | 160 | 8-18 |
| 100 | 127 | 190 | 138 | 420 | 270 | 280 | 675 | 250 | 170 | 600 | 250 | 255 | 235 | 190 | 8-22 |
| 125 | 140 | 200 | 164 | 460 | 380 | 420 | 715 | 450 | 220 | 640 | 250 | 255 | 270 | 220 | 8-26 |
| 150 | 140 | 210 | 175 | 555 | 380 | 420 | 800 | 450 | 220 | 705 | 300 | 315 | 300 | 250 | 8-26 |
| 200 | 152 | 230 | 200 | 760 | 400 | 425 | 850 | 450 | 220 | 775 | 300 | 315 | 375 | 320 | 12-30 |
| 250 | 165 | 250 | 243 | 830 | 400 | 425 | 925 | 450 | 280 | 945 | 300 | 315 | 450 | 385 | 12-33 |
| 300 | 178 | 270 | 250 | 895 | 450 | 560 | 1035 | 650 | 280 | 1070 | 300 | 315 | 515 | 450 | 16-33 |
| 350 | 190 | 290 | 280 | 950 | 450 | 560 | 1070 | 650 | 280 | 1140 | 300 | 315 | 580 | 510 | 16-36 |
| 400 | 216 | 310 | 305 | 1190 | 535 | 580 | 1190 | 650 | 280 | 1210 | 300 | 315 | 660 | 585 | 16-39 |
| 450 | 222 | 330 | 350 | 1255 | 535 | 580 | | | | 1335 | 575 | 714 | 685 | 610 | 20-39 |
| 500 | 229 | 350 | 380 | 1305 | 535 | 580 | | | | 1415 | 575 | 714 | 755 | 670 | 20-42 |

用户注意：表中H1、H2、H3、L尺寸均可根据用户需要调整，本产品一般按短系列，若需长系列或特殊材料定货时提出。
User's attention: Dimension of H1, H2, H3 in form can lengthen (long stem butterfly valve) according to customer's requirements, thisproduct according to short series generally, if need long series or special material should be mentioned while ordering.

DOUBLE FLANGED, LUG TYPE AND WAFER TYPE TRIPLE ECCENTRIC BUTTERFLY VALVE
GB, ANSI, JIS,DIN, BS

# 双法兰式、凸耳式和对夹式三偏心蝶阀




## 用途及特点 Purpose and characteristic

蝶阀广泛应用于石油、化工及工业环保水处理、高层建筑、给排水等管道上。其特点为：由于采用的是三偏心结构，密闭性能可靠，确保开启时蝶板不接触密封座，消除了密封座不均匀负载，延长了使用寿命，确保可靠的密封性能，具有耐高温、耐磨损、耐腐蚀等优点。

Butterfly valve has been widely utilized in petroleum, chemical industry and industrial environmental protection water treatment, high building, water supplying and draining. The main characteristic is: due to use three eccentric configuration, hermetic capability reliably, which ensure disc never touch sealing seat when it start, solve the problem of hermetical seat burden unequally, prolong service life, and ensure reliable hermetic capability with advantage of high temperature resistant, wearable, antisepsis etc.

## 采用标准 Adoption standard

设计标准：API 6D；
法兰连接尺寸：ASME B16.5；
结构长度：API 609；
压力试验：API 598；

Design standard：API 609；
Flange connection dimension：ASME B 16.5；
Structure length：API 609；
Pressure test：API 598；

## 主要技术参数 Main technology parameter

| 公称通径 Nominal diameter | DN(mm) | 2"～36" | 2"～36" |
|---|---|---|---|
| 公称压力 Nominal pressure | PN(MPa) | 150Lb | 300Lb |
| 试验压力Ps(MPa) Test pressure | 强度试验 Shell test | 3.0 | 7.5 |
| | 密封试验 Seal test | 2.2 | 5.5 |
| 适用介质 Appropriate medium | 水、蒸汽、油品、海水等 Water,steam,oil,seawater | | |
| 适用温度 Appropriate temperature | -29～350℃ | | |

## 主要零件的材质 Material for main parts

| 零件名称 Parts name | 材料 Material |
|---|---|
| 阀体 Body | WCB、304、316、CF8、CF8M、CF3、CF3M |
| 阀板 Disc | WCB、304、316、CF8、CF8M、CF3、CF3M |
| 阀杆 Stem | 304、316、420、304L、316L |
| 密封圈 Seal ring | 304、316、氟塑料 Fluorine plastic |
| 填料 Packing | 柔性石墨、氟塑料 Flexible graphite,fluorine plastic |





DOUBLE FLANGED, LUG TYPE AND WAFER TYPE TRIPLE ECCENTRIC BUTTERFLY VALVE
GB, ANSI, JIS,DIN, BS

双法兰式、凸耳式和对夹式三偏心蝶阀

D3$\frac{4}{7}$5$\frac{H}{W}$-150Lb C. P. R. V系列 Series

| 公称通径DN Nominal diameter | | 结构长度(标准值) Structure length(standard) | | | | 外形尺寸(参考值) External dimension(consult) | | | | 连接尺寸(标准值) Connection dimension(standard) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | L | | L1 | | H | | H1 | | D | | D1 | | D2 | | M | Z-d |
| 英寸 inch | 毫米 mm | 英寸 inch | 毫米 mm | 英寸 inch | 毫米 mm | 英寸 inch | 毫米 mm | 英寸 inch | 毫米 mm | 英寸 inch | 毫米 mm | 英寸 inch | 毫米 mm | 英寸 inch | 毫米 mm | | |
| 2" | 50 | 1.69 | 43 | 4.25 | 108 | 4.33 | 110 | 13.58 | 345 | 6.00 | 152 | 4.75 | 120.5 | 3.62 | 92 | W5/8-11 | 4-19 |
| 3" | 80 | 1.88 | 48 | 4.50 | 114 | 4.92 | 125 | 14.96 | 380 | 7.50 | 190 | 6.00 | 152.5 | 5.00 | 127 | W5/8-11 | 4-19 |
| 4" | 100 | 2.12 | 54 | 5.00 | 127 | 5.70 | 145 | 16.34 | 415 | 9.00 | 229 | 7.50 | 190.5 | 6.19 | 157 | W5/8-11 | 8-19 |
| 5" | 125 | 2.20 | 56 | 5.50 | 140 | 6.50 | 165 | 17.91 | 455 | 10.00 | 254 | 8.50 | 216 | 7.32 | 186 | W3/4-10 | 8-22 |
| 6" | 150 | 2.25 | 57 | 5.50 | 140 | 6.89 | 175 | 21.45 | 545 | 11.00 | 279 | 9.50 | 241.5 | 8.50 | 216 | W3/4-10 | 8-22 |
| 8" | 200 | 2.50 | 64 | 6.00 | 152 | 8.26 | 210 | 24.21 | 645 | 13.50 | 343 | 11.75 | 298.5 | 10.62 | 270 | W3/4-10 | 8-22 |
| 10" | 250 | 2.81 | 71 | 6.50 | 165 | 9.84 | 250 | 27.36 | 695 | 16.00 | 406 | 14.25 | 362 | 12.75 | 324 | W7/8-9 | 12-25 |
| 12" | 300 | 3.19 | 81 | 7.00 | 178 | 11.24 | 285 | 32.78 | 830 | 19.00 | 483 | 17.00 | 432 | 15.00 | 381 | W1-8 | 12-25 |
| 14" | 350 | 3.62 | 92 | 7.50 | 190 | 12.60 | 320 | 35.43 | 900 | 21.00 | 533 | 18.75 | 476 | 16.25 | 413 | W1-8 | 12-29 |
| 16" | 400 | 4.00 | 102 | 8.50 | 216 | 13.98 | 355 | 38.58 | 980 | 23.50 | 597 | 21.25 | 540 | 18.50 | 470 | W11/8-8 | 16-29 |
| 18" | 450 | 4.50 | 114 | 8.74 | 222 | 14.96 | 380 | 40.55 | 1030 | 25.00 | 635 | 22.75 | 578 | 21.00 | 533 | W11/8-8 | 16-32 |
| 20" | 500 | 5.00 | 127 | 9.00 | 229 | 16.34 | 415 | 43.70 | 1110 | 27.50 | 699 | 25.00 | 635 | 23.00 | 584 | W11/4-8 | 20-32 |
| 24" | 600 | 6.06 | 154 | 10.50 | 267 | 18.70 | 475 | 51.37 | 1305 | 32.00 | 813 | 29.50 | 749.5 | 27.25 | 692 | W11/4-8 | 20-35 |
| 30" | 750 | 6.50 | 165 | 11.50 | 292 | 22.38 | 580 | 60.03 | 1525 | 38.75 | 985 | 36.00 | 914 | 33.75 | 857 | W11/4-8 | 28-35 |
| 32" | 800 | 7.50 | 190 | 12.50 | 318 | 24.80 | 630 | 62.40 | 1585 | 41.75 | 1060 | 38.50 | 978 | 36.00 | 914 | W11/2-8 | 28-42 |
| 36" | 900 | 8.00 | 203 | 13.00 | 330 | 26.77 | 680 | 69.48 | 1765 | 46.00 | 1168 | 42.75 | 1085 | 40.25 | 1022 | W11/2-8 | 32-42 |

DE375 $\frac{H}{W}$150Lb C. P. R. V 系列 Series

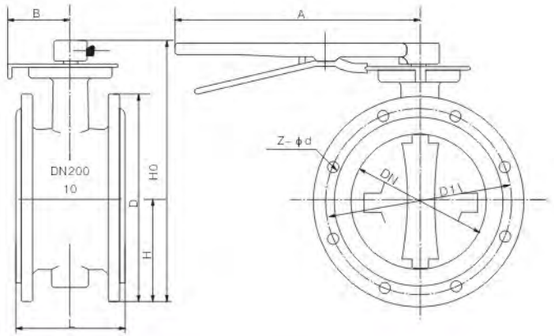
| 公称通径DN Nominal diameter | | 结构长度(标准值) Structure length(standard) | | 外形尺寸(参考值) External dimension(consult) | | | | 连接尺寸(标准值) Connection dimension(standard) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | L | | H | | H1 | | D1 | | D2 | | M | Z-d |
| 英寸inch | 毫米mm | 英寸inch | 毫米mm | 英寸inch | 毫米mm | 英寸inch | 毫米mm | 英寸inch | 毫米mm | 英寸inch | 毫米mm | | |
| 6" | 150 | 2.25 | 57 | 6.89 | 175 | 21.45 | 545 | 9.50 | 241.5 | 8.50 | 216 | W3/4-10 | 8-22 |
| 8" | 200 | 2.50 | 64 | 8.26 | 210 | 24.21 | 615 | 11.75 | 298.5 | 10.62 | 270 | W3/4-10 | 8-22 |
| 10" | 250 | 2.81 | 71 | 9.84 | 250 | 27.36 | 695 | 14.25 | 362 | 12.75 | 324 | W7/8-9 | 12-25 |
| 12" | 300 | 3.19 | 81 | 11.24 | 285 | 32.78 | 830 | 17.00 | 432 | 15.00 | 381 | W7/8-9 | 12-25 |
| 14" | 350 | 3.62 | 92 | 12.60 | 320 | 35.43 | 900 | 18.75 | 476 | 16.25 | 413 | W1-8 | 12-29 |
| 16" | 400 | 4.00 | 102 | 13.98 | 355 | 38.58 | 980 | 21.25 | 540 | 18.50 | 470 | W1-8 | 16-29 |
| 18" | 450 | 4.50 | 114 | 14.96 | 380 | 40.55 | 1030 | 22.75 | 578 | 21.00 | 533 | W11/8-8 | 16-32 |
| 20" | 500 | 5.00 | 127 | 16.34 | 415 | 43.70 | 1110 | 25.00 | 635 | 23.00 | 584 | W11/8-8 | 20-32 |
| 24" | 600 | 6.06 | 154 | 18.70 | 475 | 51.37 | 1305 | 29.50 | 749.5 | 27.25 | 692 | W11/4-8 | 20-35 |
| 30" | 750 | 6.50 | 165 | 22.38 | 580 | 60.03 | 1525 | 36.00 | 914 | 33.75 | 857 | W11/4-8 | 28-35 |
| 36" | 900 | 8.00 | 203 | 26.77 | 680 | 69.48 | 1765 | 42.75 | 1085 | 40.25 | 1022 | W11/2-8 | 32-42 |

注：以上对夹式、对夹凸耳式、法兰式三种，传动方式有手动、蜗轮、气动和电动。用户订货时说明。 Attention: Above three sorts such as wafer, wafer protruding ears, flange, driving mode such as manual, worm wheel, pneumatic, andelectric, user should specify when ordered.

HAND OPERATED AND GEAR OPERATED FLANGED BUTTERFLY VALVE
GB, ANSI, JIS,DIN, BS

# 手动、蜗轮传动法兰式蝶阀






## D41$^{X}_{F}$-$^{6}_{10}$C 连接尺寸 Series connection dimensions

| 通径（DN）Diameter | L | D1 | D | Z-d | H | H0 | A | B | Wt/Kgs |
|---|---|---|---|---|---|---|---|---|---|
| 50 | 108 | 125 | 165 | 4-14 | 82.5 | 238 | 270 | 65 | 8.5 |
| 65 | 112 | 145 | 185 | 4-18 | 92.5 | 258 | 270 | 65 | 9.5 |
| 80 | 124 | 160 | 200 | 8-18 | 100 | 278 | 270 | 65 | 11 |
| 100 | 127 | 180 | 220 | 8-18 | 110 | 293 | 270 | 65 | 15 |
| 125 | 140 | 210 | 250 | 8-18 | 125 | 309 | 310 | 65 | 21 |
| 150 | 140 | 240 | 285 | 8-22 | 142.5 | 636 | 310 | 65 | 24 |
| 200 | 152 | 295 | 340 | 8-22 | 170 | 514 | 365 | 90 | 41 |

## D$^{2}_{3}$41$^{X}_{F}$-$^{6}_{10}$C、P、R、Z连接尺寸 Series connection dimensions

| 通径（DN）Diameter | L | D1 | D | Z-d | H | H0 | A | B | D0 | Wt/Kgs |
|---|---|---|---|---|---|---|---|---|---|---|
| 50 | 108 | 125 | 165 | 4-18 | 63 | 306 | 193 | 125 | 13 | 50 |
| 65 | 112 | 145 | 185 | 4-18 | 70 | 321 | 193 | 125 | 14 | 65 |
| 80 | 114 | 160 | 200 | 8-18 | 83 | 346 | 193 | 125 | 15.5 | 80 |
| 100 | 127 | 180 | 220 | 8-18 | 105 | 387 | 193 | 125 | 19.5 | 100 |
| 125 | 140 | 210 | 250 | 8-18 | 115 | 411 | 193 | 125 | 25.5 | 125 |
| 150 | 140 | 240 | 285 | 8-22 | 137 | 447 | 193 | 125 | 28.5 | 150 |
| 200 | 152 | 295 | 340 | 8-22 | 164 | 572 | 283 | 165 | 48 | 200 |
| 250 | 165 | 350 | 395 | 12-22 | 206 | 646 | 283 | 165 | 49 | 250 |
| 300 | 178 | 400 | 445 | 12-22 | 230 | 738 | 334 | 175 | 91 | 300 |
| 350 | 190 | 460 | 505 | 16-22 | 248 | 761 | 334 | 175 | 110 | 350 |
| 400 | 216 | 515 | 565 | 16-26 | 289 | 877 | 425 | 210 | 140 | 400 |
| 450 | 222 | 565 | 615 | 20-26 | 320 | 938 | 425 | 210 | 180 | 450 |
| 500 | 229 | 620 | 670 | 20-26 | 343 | 993 | 425 | 210 | 215 | 500 |
| 600 | 267 | 725 | 780 | 20-30 | 413 | 1131 | 425 | 210 | 290 | 600 |
| 700 | 430 | 840 | 895 | 24-30 | 478 | 1476 | 620 | 320 | 560 | 700 |
| 800 | 470 | 950 | 1015 | 24-33 | 525 | 1533 | 620 | 320 | 910 | 800 |
| 900 | 510 | 1050 | 1115 | 28-33 | 585 | 1655 | 620 | 320 | 1500 | 900 |
| 1000 | 550 | 1160 | 1230 | 28-36 | 640 | 1765 | 620 | 400 | 1750 | 1000 |
| 1200 | 630 | 1380 | 1455 | 32-39 | 755 | 1995 | 620 | 400 | 2180 | 1200 |

注：1、以上蝶阀的密封试验压力DN50-DN800为1.0MPa；DN900-DN1200为0.6MPa。2、以上蝶阀连接尺寸均按1.0MPa标准制造；如用户有特殊需要,订货时应注明。
Note: 1: the seal test pressure of above butterfly valve is 1.0Mpa when normal diamater is DN50-DN800 and is 0.6Mpa when normal diamater is DN900-DN1000
2: connection dimension of above butterfly valve is conform to 1.0Mpa standard; please mark if user need disc rubber lined or other special requirements

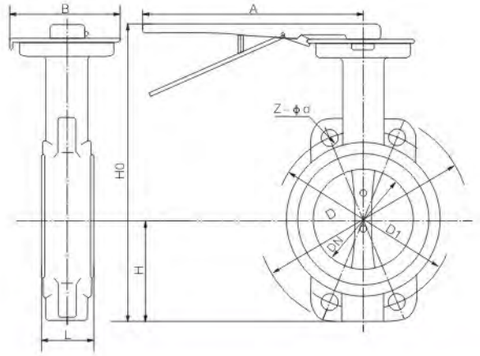




HAND OPERATED WAFER TYPE RUBBER LINED BUTTERFLY VALVE
GB, ANSI, JIS,DIN, BS

# 手动、对夹式衬胶蝶阀






## D71$^{X}_{J}$$^{A}_{A}$-10 连接尺寸 Series connection dimensions

| 公称通径(DN) Nominal diameter | L | D1 | D | Z-φd | H | H0 | A | B |
|---|---|---|---|---|---|---|---|---|
| 25 | 43 | 85 | | 4-14 | | | | |
| 32 | 43 | 100 | | 4-18 | | | | |
| 40 | 43 | 110 | | 4-18 | | 220 | | |
| 50 | 43 | 125 | | 4-18 | 63 | 235 | 270 | 65 |
| 65 | 46 | 145 | 165 | 4-18 | 70 | 250 | 270 | 65 |
| 80 | 46 | 160 | 185 | 8-18 | 83 | 275 | 270 | 65 |
| 100 | 52 | 180 | 200 | 8-18 | 105 | 316 | 270 | 65 |
| 125 | 56 | 210 | 220 | 8-18 | 115 | 340 | 310 | 65 |
| 150 | 56 | 240 | 285 | 8-22 | 137 | 376 | 310 | 65 |
| 200 | 60 | 295 | 340 | 8-22 | 164 | 472 | 365 | 90 |

## D$^{2}_{3}$71$^{X}_{J}$$^{A}_{A}$-$^{6}_{10}$$^{}_{16}$C、P、R、Z连接尺寸 Series connection dimensions

| 公称通径 Nominal diameter | L | D1 | D | Z-φd | H | H0 | A | B | D0 |
|---|---|---|---|---|---|---|---|---|---|
| 50 | 43 | 125 | 165 | 4-18 | 63 | 306 | 193 | 125 | 150 |
| 65 | 46 | 145 | 185 | 4-18 | 70 | 321 | 193 | 125 | 150 |
| 80 | 46 | 160 | 200 | 8-18 | 83 | 346 | 193 | 125 | 150 |
| 100 | 52 | 180 | 220 | 8-18 | 105 | 387 | 193 | 125 | 150 |
| 125 | 56 | 210 | 250 | 8-18 | 115 | 411 | 193 | 125 | 150 |
| 150 | 56 | 240 | 285 | 8-22 | 137 | 447 | 193 | 125 | 150 |
| 200 | 60 | 295 | 340 | 8-22 | 164 | 572 | 283 | 165 | 220 |
| 250 | 68 | 350 | 395 | 12-22 | 206 | 646 | 283 | 165 | 220 |
| 300 | 78 | 400 | 445 | 12-22 | 230 | 738 | 334 | 175 | 280 |
| 350 | 78 | 460 | 505 | 16-22 | 248 | 761 | 334 | 175 | 280 |
| 400 | 102 | 515 | 565 | 16-26 | 289 | 877 | 425 | 210 | 320 |
| 450 | 114 | 565 | 615 | 20-26 | 320 | 938 | 425 | 210 | 320 |
| 500 | 127 | 620 | 670 | 20-26 | 343 | 993 | 425 | 210 | 320 |
| 600 | 154 | 725 | 780 | 20-30 | 413 | 1131 | 425 | 210 | 320 |
| 700 | 165 | 840 | 895 | 24-30 | 478 | 1476 | 620 | 320 | 400 |
| 800 | 190 | 950 | 1015 | 34-33 | 525 | 1533 | 620 | 320 | 400 |
| 900 | 203 | 1050 | 1115 | 28-33 | 585 | 1655 | 620 | 320 | 400 |
| 1000 | 216 | 1160 | 1230 | 28-36 | 640 | 1765 | 620 | 400 | 400 |
| 1200 | 254 | 1380 | 1455 | 32-39 | 755 | 1995 | 620 | 400 | 400 |

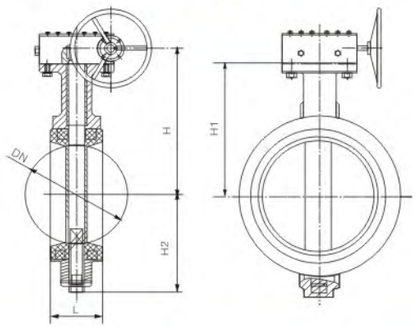
注：1、以上蝶阀的密封试验压力DN50-DN800为1.0Mpa；DN900-DN1000为0.6Mpa。
2、以上蝶阀的连接尺寸均按1.0MPa标准制造，如用户需要阀板衬橡胶等特殊需要，订货时应注明。
Note: 1: the seal test pressure of above butterfly valve is 1.0Mpa when normal diamater is DN50-DN800 and is 0.6Mpa when normal diamater is DN900-DN1000
2: connection dimension of above butterfly valve is conform to 1.0Mpa standard; please mark if user need disc rubber lined or other special requirements

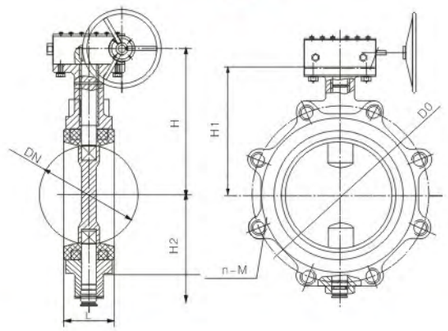
GEAR OPERATED WAFER TYPE RUBBER LINED BUTTERFLY VALVE
GB, ANSI, JIS,DIN, BS

# 蜗轮传动对夹式衬胶蝶阀








## 采用标准 Acceptance stamdards

法兰连接尺寸：ASME B16.5
结构长度：API 609；
压力试验 :API 598

Flange connection dimension: ASME B16.5
Structural length: API 609;
Pressure test: API 598;

## D371 X/J – 125Lb/150Lb 连接尺寸Series connection dimensions

| 公称通径DN Nominal diameter | | d | L | H | H1 | H2 | D0 | n-M（螺纹孔）Screw hole |
|---|---|---|---|---|---|---|---|---|
| mm | in | | | | | | | |
| 50 | 2 | 52.9 | 43 | 210 | 161 | 80 | 120.5 | 4-5/8"-11 |
| 65 | 2 1/2 | 64.5 | 46 | 225 | 175 | 89 | 139.5 | 4-5/8"-11 |
| 80 | 3 | 78.8 | 46 | 235 | 181 | 95 | 152.5 | 4-5/8"-11 |
| 100 | 4 | 104 | 52 | 250 | 200 | 114 | 190.5 | 8-5/8"-11 |
| 125 | 5 | 123.3 | 56 | 265 | 213 | 127 | 216 | 8-3/4"-10 |
| 150 | 6 | 155.6 | 56 | 276 | 226 | 139 | 214.5 | 8-3/4"-10 |
| 200 | 8 | 202.5 | 60 | 320 | 260 | 175 | 298.5 | 8-3/4"-10 |
| 250 | 10 | 250.5 | 68 | 355 | 292 | 203 | 362 | 12-7/8"-9 |
| 300 | 12 | 301.6 | 78 | 400 | 337 | 242 | 432 | 12-7/8"-9 |

注：电传动型号为D971，气传动型号为D671，手柄操作型号为D71（2"-8"可提供手柄操作）
Note: the type of electric actuator valve is D971 and pneumatic operated valve is D671 and handwheel operated valve is D71( compay offer handwheel operatied if user need when normal diameter is from 2" to 8" .



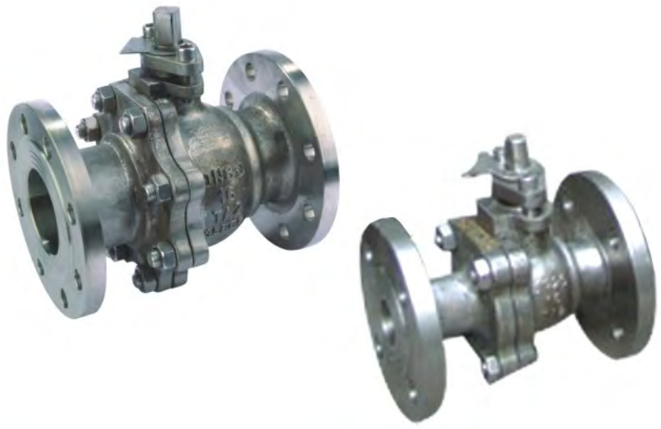


# TITANIUM, NICKED VALVE SERIES

# 06 钛、镍等特殊材质阀门

Products applicable to petroleum, chemical, natural gas, light industry, electric power, pharmaceuticals, dyes, metallurgy, fiber, leather, textile, food, military, construction, refrigeration, water supply and other industries.

TITANIUM, NICKED VALVE SERIES
GB, ANSI, JIS,DIN, BS
**钛、镍等特殊材质阀门**











# SANITARY STAINLESS STEEL VALVE、PIPE FITTINGS SERIES

## 07 卫生级不锈钢阀门、管件系列

Products applicable to petroleum, chemical, natural gas, light industry, electric power, pharmaceuticals, dyes, metallurgy, fiber, leather, textile, food, military, construction, refrigeration, water supply and other industries.

SANITARY STAINLESS
STEEL VALVE、PIPE FITTINGS SERIES

# 卫生级不锈钢阀门、管件系列





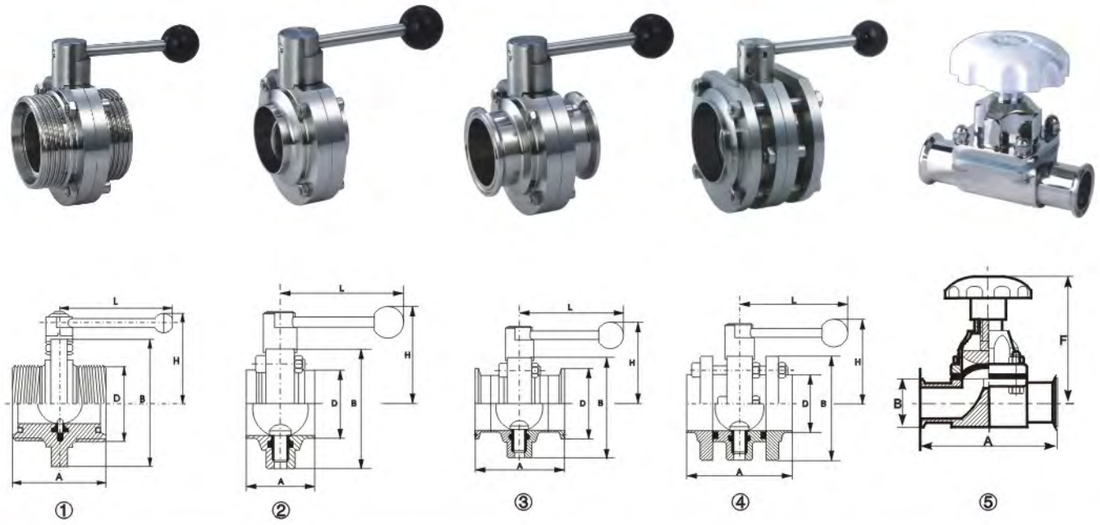






SANITARY STAINLESS STEEL VALVE

# 卫生级不锈钢阀门




### ① 螺纹蝶阀Threaded butterfly valve

| 规格(ISO) | A | B | D | L | H | Kg |
|---|---|---|---|---|---|---|
| 25 | 66 | 78 | 40×1/6 | 130 | 82 | 1.3 |
| 32 | 66 | 78 | 48×1/6 | 130 | 82 | 1.3 |
| 38 | 70 | 86 | 60×1/6 | 130 | 86 | 1.7 |
| 51 | 76 | 102 | 70×1/6 | 140 | 96 | 2.2 |
| 63 | 80 | 115 | 85×1/6 | 150 | 103 | 2.9 |
| 76 | 84 | 128 | 98×1/6 | 150 | 110 | 3.4 |
| 89 | 90 | 139 | 110×1/6 | 170 | 116 | 3.9 |
| 102 | 104 | 159 | 132×1/6 | 170 | 126 | 5.5 |

(工业标准有：ISO、DIN、IDF、3A、SMS等)

### ② 焊接式蝶阀Welded butterfly valve

| 规格(ISO) | A | B | D | L | H | Kg |
|---|---|---|---|---|---|---|
| 20 | 50 | 78 | 19.05 | 130 | 82 | 1.2 |
| 25 | 50 | 78 | 25.4 | 130 | 82 | 1.2 |
| 32 | 50 | 78 | 31.8 | 130 | 82 | 1.05 |
| 38 | 50 | 86 | 38.1 | 130 | 86 | 1.2 |
| 51 | 52 | 102 | 50.8 | 140 | 96 | 1.7 |
| 63 | 56 | 115 | 63.5 | 150 | 103 | 2.1 |
| 76 | 56 | 128 | 76.1 | 150 | 110 | 2.4 |
| 89 | 60 | 139 | 88.9 | 170 | 116 | 2.7 |
| 102 | 64 | 154 | 101.6 | 170 | 122 | 3.05 |
| 108 | 64 | 159 | 108 | 170 | 126 | 3.15 |
| 133 | 80 | 185 | 133 | 190 | 138 | 5.2 |
| 159 | 90 | 215 | 159 | 190 | 153 | 9.2 |

(工业标准有：ISO、DIN、IDF、3A、SMS等)

### ③ 快装蝶阀Quick-install butterfly valve

| 规格(ISO) | A | B | D | L | H | Kg |
|---|---|---|---|---|---|---|
| 20 | 66 | 78 | 50.5 | 130 | 82 | 1.35 |
| 25 | 66 | 78 | 50.5 | 130 | 82 | 1.35 |
| 32 | 66 | 78 | 50.5 | 130 | 82 | 1.2 |
| 38 | 70 | 86 | 50.5 | 130 | 86 | 1.3 |
| 51 | 76 | 102 | 64 | 140 | 96 | 1.85 |
| 63 | 98 | 115 | 77.5 | 150 | 103 | 2.25 |
| 76 | 98 | 128 | 91 | 150 | 110 | 2.6 |
| 89 | 102 | 139 | 106 | 170 | 116 | 3.0 |
| 102 | 106 | 154 | 119 | 170 | 122 | 3.6 |
| 108 | 106 | 159 | 119 | 170 | 126 | 3.6 |
| 133 | 140 | 185 | 145 | 190 | 138 | 6.5 |
| 159 | 260 | 215 | 172 | 190 | 153 | 11 |

(工业标准有：ISO、DIN、IDF、3A、SMS等)

### ④ 三片式蝶阀Three-piece butterfly valve

| 规格(ISO) | A | B | D | L | H | Kg |
|---|---|---|---|---|---|---|
| 20 | 100 | 78 | 19.05 | 130 | 82 | 2.1 |
| 25 | 100 | 78 | 25.4 | 130 | 82 | 2.1 |
| 32 | 100 | 78 | 31.8 | 130 | 82 | 2.05 |
| 38 | 100 | 86 | 38.1 | 130 | 86 | 2.3 |
| 51 | 104 | 102 | 50.8 | 140 | 96 | 3.25 |
| 63 | 112 | 115 | 63.5 | 150 | 103 | 4.15 |
| 76 | 112 | 128 | 76.1 | 150 | 110 | 4.3 |
| 89 | 120 | 139 | 88.9 | 170 | 116 | 5.4 |
| 102 | 128 | 154 | 101.6 | 170 | 122 | 6.3 |
| 108 | 128 | 159 | 108 | 170 | 126 | 6.7 |
| 133 | 160 | 185 | 133 | 190 | 138 | 10.4 |
| 159 | 180 | 215 | 159 | 190 | 153 | 18.4 |

(工业标准有：ISO、DIN、IDF、3A、SMS等)

### ⑤ 卫生级隔膜阀Sanitary diaphragm valve

| 规格(ISO) | A | B | F |
|---|---|---|---|
| 15 | 108 | 34 | 88/99 |
| 20 | 118 | 50.5 | 91/102 |
| 25 | 127 | 50.5 | 110/126 |
| 32 | 146 | 50.5 | 129/138 |
| 40 | 159 | 50.5 | 139/159 |
| 50 | 191 | 64 | 159/186 |

(工业标准有：ISO、DIN、IDF、3A、SMS等)