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蝶阀、过滤器
Butterfly valve、Filter

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ANIX[®]

国家高新技术企业 · 浙江省著名商标

Elaborate Manufacturing, Reputation Foremost

匠心智造 品信为本

—— 创建于 · 1988 ——

中石化全球供应商 / 中石油能源一号网供应商 / 中海油集团网络供应商 / 江西铜业集团合格供应商
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公司简介

Company Profile

中国·埃尼斯阀门集团创办于1988年，注册资金2.68亿。旗下有浙江埃尼斯阀门科技有限公司、上海埃尼斯阀门有限公司等5家企业，占地面积共50亩33300平方米，建筑面积40000平方米，坐落于市经济技术开发区，滨海园区二十二路422号。

公司系国家高新技术企业，浙江省著名商标、浙江省AAA级“守合同重信用”单位、市名牌产品、市出口名牌产品、市专利示范企业，取得国家特种设备制造许可证(TS)、自营进出口权、ISO质量管理体系认证、美国API、NSF、欧盟CE、球阀防火认证、韩国KC、KS、测量管理体系AAA级认证、安全生产标准化企业、市泵阀协会及龙湾阀门协会副会长单位。

现有进口和国产精加工设备和检测设备200多台。公司集研发、设计、制造和经营不锈钢、碳钢、钛等材质的各种阀门、成套设备、管配件系列。产品覆盖有手动、电动、气动装置的各种法兰连接、内螺纹连接、焊接、对夹、卡式连接的各种球阀、截止阀、止回阀、过滤器、闸阀、蝶阀、管配件、水暖器材等产品。

广泛应用于石油、化工、天然气、电力、冶金、轻工、电子、染料、纤维、制革、纺织、军工、新能源、水处理、锂电池、建筑工程、制冷、制药、食品、生物、供水等行业。

企业自创办以来，产品畅销国内，远销欧美、东南亚、中东，等国家和地区。可靠的质量保证体系和公司训练有素的员工队伍，为您购买的ANIX系列产品提供完善的质量保证体系及优质的售后服务。

企业遵循“结合人才、健全制度、确保安全、铸就精品、诚信服务、争创一流”的经营理念，以市场为导向，竭诚为广大客户提供优质的产品和服务。

China·Anix Valve Group Co., Ltd. Was founded in 1988 with a registered capital of RMB 268 million, taking a land of 50 Mu (33000m²). It has five enterprises including Zhejiang Anix Valve Technology Co., Ltd. And Shanghai ANIX valve Co., Ltd. Located in Wenzhou Economic and Technological Development Zone, No.422, No.22Road, Binhai Park.

ANIX is a national high-tech enterprise and renowned trademark with AAA certification in Zhejiang for its integrity in delivering of services and products with high recognition of Zhejiang renowned Trademark, Wenzhou renowned Brand for domestic and export. The Company has obtained national import and export license, Special Equipment Manufacturing License (TS), ISO quality management system certification, USA API, NSF and European Union CE certification, Ball valve Firesafe certification, Korea KC and KC certification, Testing and measurement management standardization AAA certification, safe production standardization enterprise, has been selected as vice president company of Wenzhou Pump valve Association and Longwan Valve Association.

Now we have more than 200 sets of imported and homemade fine machining equipment and testing equipment. The company focuses on researching, designing, manufacturing and operating various valves. Complete sets of equipment and pipe fittings made of stainless steel, carbon steel, duplex, titanium, nickel, cobalt and other materials. The products include various ball valves, Gate valve, globe valves, check valves, strainers, gate valves and butterfly valves equipped with manual, electric or pneumatic actuators with different types of connection such as flange connection, female thread connection, welding connection, wafer connection and clamp connection, as well as pipe fittings, plumbing and heating equipment, etc.

The products are widely applied in petroleum, chemical industry, natural gas, electric power, metallurgy, light industry, electronics, dyeing, fiber, leather, textile, military, new energy, water treatment, lithium battery, construction, refrigeration, pharmacy, biology, food, water supply and other industries.

Since the establishment of our company, our products have been sold well in China and exported far to Europe, USA, Southeast Asia, Mid East and other countries and regions. With reliable quality assurance system and well-trained personnel, we provide you with perfect quality guarantee and high quality after-sales service for the ANIX products you have purchased.

Our company always follows the business philosophy of "fostering talents, improving system, ensuring safety, creating fine products, providing sincere service, and striving to be the best." Guided by the market, we offer high quality products and services to users.

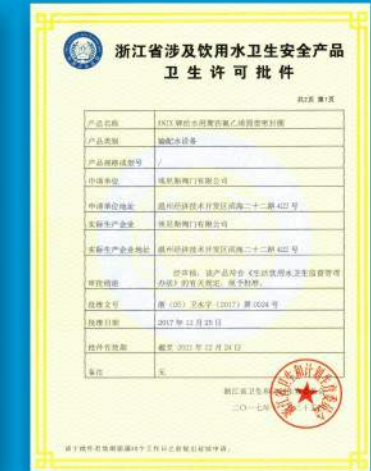
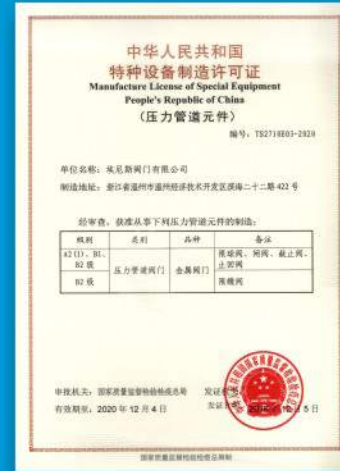


企业资质

Enterprise Qualification

公司已通过ISO9001:2000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埃尼斯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“埃尼斯阀门”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 ANIX has received the reliance of customers all over the world. Though the effective efforts with cooperators, we are promoting the quality of our ANIX products to be the most impeccable in the world.



精益生产

Lean Manufacturing

埃尼斯严格的生产程序，有效的工作效率是取胜于一切的必要基础。基于此，我们不惜投入大量资金引进现代化的生产设备、建设现代化车间，规范了生产程序，使每个员工都能按科学的生产程序生产，使我们的生产程序能得到最大可能的优化，满足日益发展的企业需要，从而在生产中杜绝了浪费，加快了速度，提高了品质，最终赢得了市场。

Our strict production procedure and effective working efficiency are vital bases to success. Based on this, we have made a huge investment in introducing modern production equipment, building modern workshops and standardizing production procedure, so that every worker is able to work following the scientific production procedure, our production procedure is optimized as much as possible, the increasing demands of our enterprise are met, and the waste in production is avoided. Production speed and quality have been improved, and finally, we have won the market.



检测设备

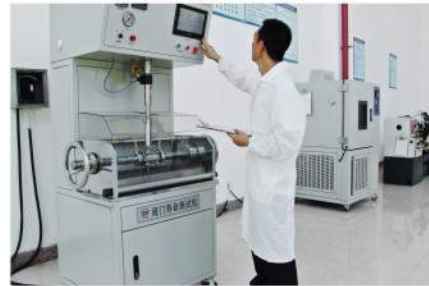
Test Equipment

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性能指标。我们拥有全球先进的技术、研发、设计以及完善的检验设施，客户的各项诚信服务，视为我们对用户的承诺。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 global advanced technology, R&D, design and perfect inspection facilities. Also make promise to users by credible 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.



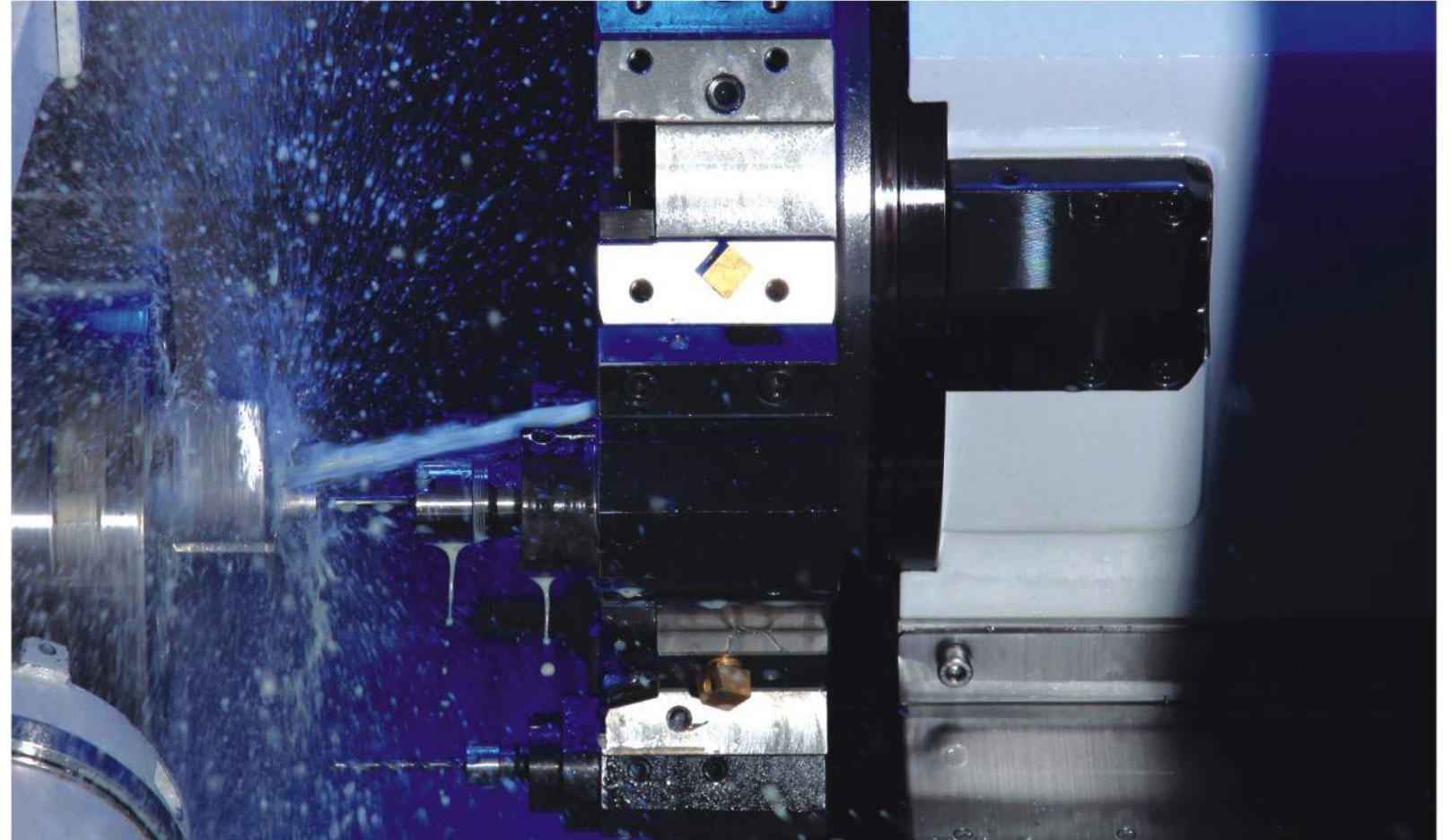
光谱分析 Spectral Analysis



寿命试验 Life Test



圆度测试 Circularity test



壁厚测试 Wall thickness test



防火试验 Fire Test



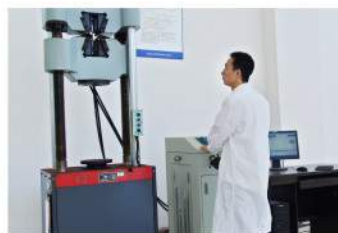
螺丝检验 Thread Inspection



压力试验 Pressure Test



耐温试验 Temperature test



拉伸试验 Tensile Test



冲击实验 Impact test



尺寸测量 Size test

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CHINA · ANIX VALVE GROUP CO., LTD.

阀门型号编制方法

Valve Type
Compilation Method

型号编制和代号表示方法

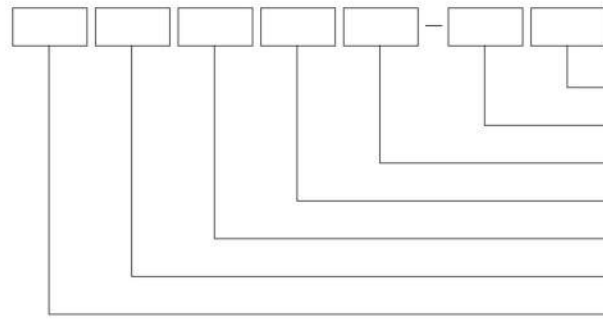
Model Formulation and Code Representation Method

阀门的型号编制方法

1. 阀门型号由阀门类型、驱动方式、连接形式、结构形式、密封面材料或衬里材料类型、公称压力或工作温度下的工作压力、阀体材料七部分组成。
2. 编制的顺序按：阀门类型、驱动方式、连接形式、结构形式、密封面材料、公称压力、主体材料。

Valve Type Compilation Method

1. Valve type of valve type, driving type, connecting manner, structural, sealing materials, pressure, Material seven parts.
2. The order of preparation is as follows: valve type, driving type, connecting manner, structural, sealing materials, pressure, Material.



- 主体材质代号 Material Code
- 公称压力代号 Pressure Code
- 密封面材料代号 Sealing Materials Code
- 结构形式代号 Structural Code
- 连接端形式代号 Connecting Manner Code
- 驱动方式代号 Driving Type Code
- 阀门类型代号 Valve Type Code

阀门的类型代号 Valve Type Code

| 阀门特征 | Valve Feature | 代号 Code |
|------|-----------------|---------|
| 蝶阀 | Butterfly valve | D |
| 过滤器 | Strainer | SY |

驱动方式代号 Driving Type Code

| 驱动方式 | Driving Type | 代号 Code | 驱动方式 | Driving Type | 代号 Code |
|-------|----------------------------|---------|------|---------------------|---------|
| 电磁动 | Electro magnetic | 0 | 气动 | Pneumatic | 6 |
| 电磁-液动 | Electro magnetic-hydraulic | 1 | 液动 | Hydraulic | 7 |
| 电液动 | Electric-Hydraulic | 2 | 气液动 | Pneumatic-Hydraulic | 8 |
| 蜗轮 | Worm gear | 3 | 电动 | Electric | 9 |

注：手轮或手柄直接操作形式的阀门，本代号省略，不表示。
Note: Valves in the form of direct operation of handwheel or handle are omitted in this code.

阀门型号编制方法

Valve Type
Compilation Method

连接端形式代号 Connecting Manner Code

| 连接端形式 | Connecting Manner | 代号 Code |
|-------|-------------------|---------|
| 法兰式 | Flanged type | 4 |
| 焊接式 | Weld type | 6 |
| 对夹式 | Wafer type | 7 |

注：各种连接端形式的具体结构或方式（如：法兰面形式及密封方式、焊接形式等），不在连接代号后加符号表示，应参考阀门特征代号或在产品的图样、说明书或订货合同等文件中予以详细说明。

Note: Specific structures or modes of various connecting end forms (e.g. flange surface form, sealing form, welding form, etc.) should not be represented by symbols after connection code, but should be specified by reference to valve feature code or in product drawings, specifications or order contracts.

结构形式代号 Structural Code

| 结构形式 | Structural | 代号 Code |
|-------|-------------------------|---------|
| 单偏心 | Single-eccentric center | 0 |
| 中心垂直板 | Center line type | 1 |
| 双偏心 | Double-eccentric center | 2 |
| 三偏心 | Three--eccentric center | 3 |

密封面材料代号 Sealing Materials Code

| 密封面材料 | Sealing Materials | 代号 Code | 密封面材料 | Sealing Materials | 代号 Code |
|----------|----------------------|---------|-------|-------------------|---------|
| 巴氏合金 | Anticorrosion alloys | B | 尼龙塑料 | Nyloy plastic | N |
| 渗氮钢 | Nitrded steel | D | 蒙乃尔合金 | Monel | M |
| 氟塑料 | Fluorine plastic | F | 橡胶 | Rubber | X |
| Cr13系不锈钢 | Alloy steel | H | 硬质合金 | Stellite | Y |
| 衬胶 | Rubber lined | J | | | |

注：阀门密封材料均为阀门的本体材料时，密封面材料代号用W表示，过滤器产品省略本代号。
Note: When the sealing material of the valve is the body material of the valve, the sealing surface material code is W, Elimination of this code for Strainer.

压力等级代号 Pressure Code

| 国标 GB | | 美标 ANSI | | 日标 JIS | | 德标 DIN | |
|-------|----|---------|-------|--------|-----|--------|----|
| Mpa | 代号 | CLASS | 代号 | K | 代号 | PN | 代号 |
| 1.6 | 16 | 150 | 150lb | 10 | 10K | 16 | 16 |
| 2.5 | 25 | 300 | 300lb | 20 | 20K | 25 | 25 |
| 4.0 | 40 | 600 | 600lb | | | 40 | 40 |
| 6.3 | 63 | 800 | 800lb | | | 63 | 63 |

主体材质代号 Material Code

| 主体材质 | Material | 代号 Code | 主体材质 | Material | 代号 Code |
|----------|---------------------------|---------|---------|----------------------------------|---------|
| 碳钢 | Carbon Steel | C | 球墨铸铁 | Nodular Castiron | Q |
| Cr13系不锈钢 | Alloy Steel | H | 铬镍钼系不锈钢 | Chromium-Nickel-Molybdenum Steel | R |
| 铬钼系钢 | Chromium-Molybdenum Steel | I | 铜及铜合金 | Copper & Copper alloys | T |
| 可锻铸铁 | Ductile Castiron | K | 钛及钛合金 | Titanium & Titanium Alloys | Ti |
| 镍及镍合金 | Nickel & Nickel Alloys | Ni | 灰铸铁 | Gray Castiron | Z |
| 铬镍系不锈钢 | Chromium-Nickel Steel | P | | | |

产品概述

Product Overview

蝶阀是用圆盘形关闭件转动90°来启闭阀门的一种旋转阀。蝶阀具有结构紧凑、重量轻、占据空间位置小，阻力相对小，启闭迅速等优点。蝶阀作为一种用来实现管路系统通断及流量控制的阀门，是近十几年来发展最快的阀门品种之一。

本公司生产的蝶阀除了传统的中线结构以外，还有一种采用比较先进的三偏心金属硬密封结构，阀体和阀座为连体构件，阀座密封表面堆焊耐温、耐腐蚀合金材料。多层软叠式密封面固定在蝶板上，这种蝶阀与传统蝶阀相比具有耐高温，操作轻便，启闭无摩擦，关闭时随着传动机构的力矩增大来补偿密封，提高了蝶阀的密封性能及延长使用寿命的优点。

本公司生产的蝶阀已广泛应用于石油、化工、天然气、电力、冶金、轻工及给排水工程行业的管道上，做调解流量和截止介质的阀门。

Butterfly valve is a kind of rotary valve which use disc closure to turn 90° to open and close the valve. Butterfly valve has the advantages of compact structure, light weight, small space occupy, relatively small resistance, quick opening and closing, etc. As a kind of valve used for the on-off and flow control of pipeline system, butterfly valve is one of the fastest developing valves in recent years.

In addition to the traditional mid-line structure, our company also produce a three-eccentric metal hard seal structure butterfly valve. The body and seat are conjoined components, the surface of the seat seal are welded heat-resistant and corrosion-resistant alloy material, and the disc plate are fixed by multi-layer soft flexible seals, compared with the traditional butterfly valve, it has the advantages of high temperature resistance, light operation, no friction in opening and closing. When closing the valve, the torque of the transmission mechanism increases to compensate and improve the sealing performance, and prolong the service life of valve.

The butterfly valve produced by our company has been widely used in petroleum, chemical, natural gas, electric power, metallurgy, light industry and water supply drainage, as the valve for regulating flow and cut-off medium.

三偏心蝶阀原理

Three Eccentric Butterfly Valve Principle

三偏心蝶阀密封原理（见图1）它的3个偏心量分别为a, b, θ 。其中a为轴向偏心，表示蝶板的旋转中心与蝶阀密封截面之间的轴向距离；b为径向偏心，表示蝶板的旋转中心与阀体中心线之间的径向距离； θ 为角偏心，表示阀座旋转中心线与阀体中心线之间的角度。

The sealing principle of three eccentric butterfly valve (see figure 1) has three eccentricities, they're a, b, θ . A is a axial eccentricity, which represents the axial distance between the rotation center of the butterfly plate and the sealing section of butterfly valve. B is the radial eccentricity, represents the radial distance between the rotation center of butterfly plate and the center line of valve body. θ is angular eccentricity, indicates the angle between the center line of seat rotation and the center line of valve body.

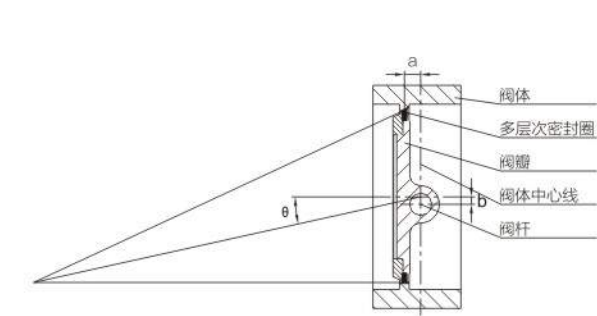


图1

三偏心蝶阀作用原理（见图2），当蝶阀处于完全开启状态时，蝶板密封面会完全脱离阀座密封面，并在这两个密封面之间形成一个与双偏心蝶阀相同的间隙h；由于三个偏心的存在，使蝶板密封面转动轨迹的切线与阀座密封面之间形成 $\beta 1$ 和 $\beta 2$ 角（见图2），从而使蝶板密封面在开启和关闭时能迅速的脱离或切入阀座密封面，大幅度消除密封面的机械磨损和擦伤。

The action principle of three eccentric butterfly valves (see figure 2), when the butterfly valve is in a fully open state, the seal surface of the butterfly disc will be completely detached from the seal surface of the seat, and there will be a gap h between the two sealing surface like the double eccentric butterfly; Due to the existence of three eccentricities, $\beta 1$ and $\beta 2$ angles are formed between the tangent line of the rotation track of the butterfly disc sealing surface and the seat seal surface(see figure 2), so that that the butterfly disc sealing surface can be quickly detached or cut into the seat sealing surface when opening and closing, it greatly eliminate the mechanical wear and abrasion of the sealing surface.

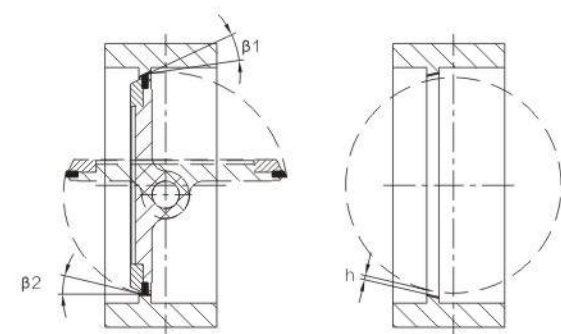


图2

国标法兰式 多层次金属硬密封蝶阀

GB Flanged Multi - Layer Metal Hard Seal Butterfly Valve

- 材质：不锈钢、碳钢、高温钢、双相钢、特殊钢、钛、镍、锆等
- 国际标准 +

产品标准

设计标准: GB/T 12238
结构长度: GB/T 12221
连接法兰: GB/T 9113, JB/T 79, HG/T 20592
检验标准: GB/T 13927

Product standards

Design standards: GB/T 12238
Face to Face: GB/T 12221
Flange end: GB/T 9113, JB/T 79, HG/T 20592
Test standards: GB/T 13927

性能规范

公称压力: PN0.6, 1.0, 1.6, 2.5, 4.0MPa
壳体试验: PT0.9, 1.5, 2.4, 3.8, 6.0MPa
低压密封试验: 0.6MPa
适用介质: 水、油品、气、醋酸类、硝酸类
适用温度: -29~425℃

Performance specification

Nominal pressure: PN0.6, 1.0, 1.6, 2.5, 4.0MPa
Shell test pressure: PT0.9, 1.5, 2.4, 3.8, 6.0MPa
Low-pressure closure test: 0.6MPa
Suitable medium: water, oil, gas, acetic acid, nitric acid
Suitable temperature: -29 ~ 425 °C

主要零件材料 Main parts and materials

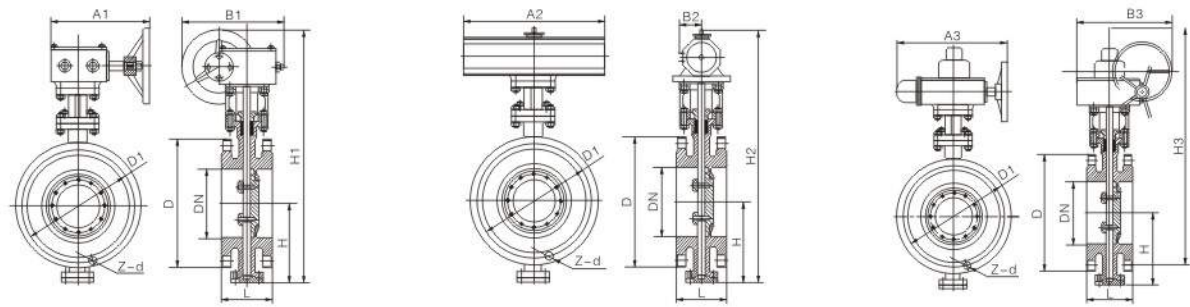
| 材料名称 | Material Name | 碳钢 Carbon steel | 不锈钢 Stainless steel | |
|------|---------------|-------------------------|-------------------------|-------------------------|
| 阀体 | Body | WCB | CF8 | CF8M |
| 蝶板 | Disc | WCB | CF8 | CF8M |
| 阀杆 | Stem | 13Cr | 304 | 316 |
| 阀座 | Seat Ring | 304+柔性石墨 / 304+Graphite | 304+柔性石墨 / 304+Graphite | 316+柔性石墨 / 304+Graphite |
| 填料 | Packing | 柔性石墨 / Graphite | 柔性石墨 / Graphite | 柔性石墨 / Graphite |



国标法兰式 多层次金属硬密封蝶阀

GB Flanged Multi - Layer Metal Hard Seal Butterfly Valve

- 材质: 不锈钢、碳钢、高温钢、双相钢、特殊钢、钛、镍、锆等
- 国际标准 +



D343

D643

D943

D₉43^H_W-₆³C.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

| 公称直径 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 | D343 | | | D643 | | | D943 | | | | 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 |
| 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

国标法兰式 多层次金属硬密封蝶阀

GB Flanged Multi - Layer Metal Hard Seal Butterfly Valve

D₉43^H_W-₂₅¹⁶C.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

| 公称直径 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 | D343 | | | D643 | | | D943 | | | PN1.6MPa | | | PN2.5MPa | | |
| | | | | 毫米mm | 短Brief | 长Long | H1 | A1 | B1 | H2 | A2 | B2 | H3 | A3 | B3 | 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 | |

D₉45H-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

| 公称直径 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 | D343 | | | D643 | | | D943 | | | PN4.0MPa | | | | |
| | | | | 毫米mm | 短Brief | 长Long | H1 | A1 | B1 | H2 | A2 | B2 | H3 | A3 | B3 | D | D1 |
| 50 | 108 | 112 | 350 | 180 | 200 | 625 | 250 | 170 | 530 | 250 | 255 | 165 | 125 | 4-18 | 165 | 125 | 4-18 |
| 65 | 112 | 115 | 370 | 270 | 280 | 625 | 250 | 170 | 530 | 250 | 255 | 185 | 145 | 8-18 | 185 | 145 | 8-18 |
| 80 | 114 | 120 | 380 | 270 | 280 | 645 | 250 | 170 | 565 | 250 | 255 | 200 | 160 | 8-18 | 200 | 160 | 8-18 |
| 100 | 127 | 138 | 420 | 270 | 280 | 675 | 250 | 170 | 600 | 250 | 255 | 235 | 190 | 8-22 | 235 | 190 | 8-22 |
| 125 | 140 | 164 | 460 | 380 | 420 | 715 | 450 | 220 | 640 | 250 | 255 | 270 | 220 | 8-26 | 270 | 220 | 8-26 |
| 150 | 140 | 175 | 555 | 380 | 420 | 800 | 450 | 220 | 705 | 300 | 315 | 300 | 250 | 8-26 | 300 | 250 | 8-26 |
| 200 | 152 | 230 | 760 | 400 | 425 | 850 | 450 | 220 | 775 | 300 | 315 | 375 | 320 | 12-30 | 375 | 320 | 12-30 |
| 250 | 165 | 250 | 830 | 400 | 425 | 925 | 450 | 220 | 945 | 300 | 315 | 450 | 385 | 12-33 | 450 | 385 | 12-33 |
| 300 | 178 | 270 | 895 | 450 | 560 | 1035 | 650 | 280 | 1070 | 300 | 315 | 515 | 450 | 16-33 | 515 | 450 | 16-33 |
| 350 | 190 | 290 | 950 | 450 | 560 | 1070 | 650 | 280 | 1140 | 300 | 315 | 580 | 510 | 16-36 | 580 | 510 | 16-36 |
| 400 | 216 | 310 | 1190 | 535 | 580 | 1190 | 650 | 280 | 1210 | 300 | 315 | 660 | 585 | 16-39 | 660 | 585 | 16-39 |
| 450 | 222 | 330 | 1255 | 535 | 580 | | | | 1335 | 575 | 714 | 685 | 610 | 20-39 | 685 | 610 | 20-39 |
| 500 | 229 | 350 | 1305 | 535 | 580 | | | | 1415 | 575 | 714 | 755 | 670 | 20-42 | 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, this product according to short series generally, if need long series or special material should be mentioned while ordering.

美标法兰式 多层次金属硬密封蝶阀

ANSI Flanged Multi - Layer Metal Hard Seal Butterfly Valve

- 材质: 不锈钢、碳钢、高温钢、双相钢、特殊钢、钛、镍、锆等
- 国际标准 +

产品标准

设计标准: API 609
结构长度: ASME B16.10
连接法兰: ASME B16.5
检验标准: API 598

Product standards

Design standards: API 609
Face to Face: ASME B16.10
Flange end: ASME B16.5
Test standards: API 598

性能规范

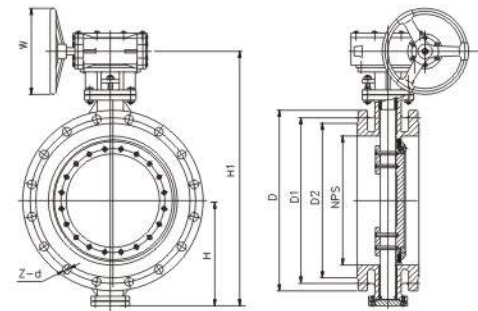
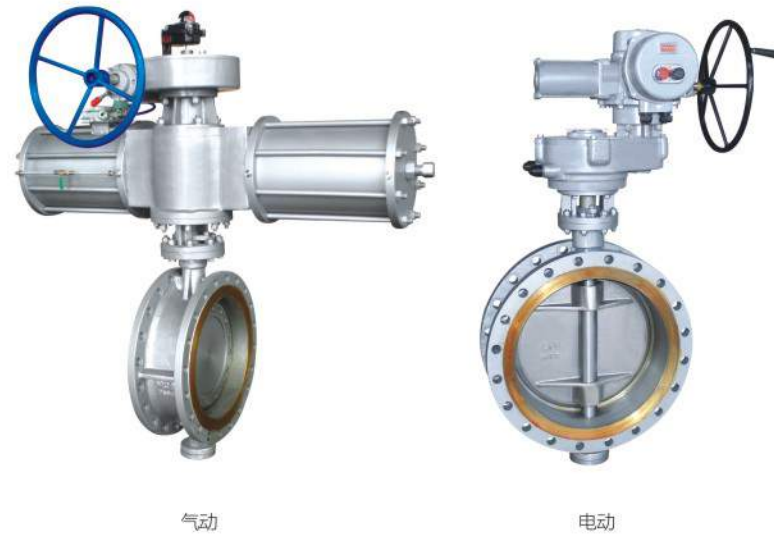
公称压力: Class 150/300
壳体试验: PT3.0, 7.5MPa
低压密封试验: 0.6MPa
适用介质: 水、油品、气、醋酸类、硝酸类
适用温度: -29~425℃

Performance specification

Nominal pressure: Class 150/300
Shell test pressure: PT3.0, 7.5MPa
Low-pressure closure test: 0.6MPa
Suitable medium: water, oil, gas, acetic acid, nitric acid
Suitable medium: -29 ~ 425 °C

主要零件材料 Main parts and materials

| 材料名称 | Material Name | 碳钢 Carbon steel | | 不锈钢 Stainless steel | |
|------|---------------|-------------------------|-------------------------|-------------------------|--|
| 阀体 | Body | WCB | CF8 | CF8M | |
| 蝶板 | Disc | WCB | CF8 | CF8M | |
| 阀杆 | Stem | 13Cr | 304 | 316 | |
| 阀座 | Seat Ring | 304+柔性石墨 / 304+Graphite | 304+柔性石墨 / 304+Graphite | 316+柔性石墨 / 304+Graphite | |
| 填料 | Packing | 柔性石墨 / Graphite | 柔性石墨 / Graphite | 柔性石墨 / Graphite | |



美标法兰式 多层次金属硬密封蝶阀

ANSI Flanged Multi - Layer Metal Hard Seal Butterfly Valve

D₉³/₆43^HW- 150Lb C. P. R系列 Series

| 公称通径 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) | | | | | | |
|--------------------------|----------|--|----------|--|-----|-------|------|---|------|-------|-------|-------|------|-------|
| 英寸 inch | 毫米 mm | 英寸 inch | 毫米 mm | H | | H1 | | D | | D1 | | D2 | | Z-d |
| 2" | 50 | 4.25 | 108 | 4.33 | 110 | 13.58 | 345 | 6.00 | 152 | 4.75 | 120.5 | 3.62 | 92 | 4-19 |
| 3" | 80 | 4.50 | 114 | 4.92 | 125 | 14.96 | 380 | 7.50 | 190 | 6.00 | 152.5 | 5.00 | 127 | 4-19 |
| 4" | 100 | 5.00 | 127 | 5.70 | 145 | 16.34 | 415 | 9.00 | 229 | 7.50 | 190.5 | 6.19 | 157 | 8-19 |
| 5" | 125 | 5.50 | 140 | 6.50 | 165 | 17.91 | 455 | 10.00 | 254 | 8.50 | 216 | 7.32 | 186 | 8-22 |
| 6" | 150 | 5.50 | 140 | 6.89 | 175 | 21.45 | 545 | 11.00 | 279 | 9.50 | 241.5 | 8.50 | 216 | 8-22 |
| 8" | 200 | 6.00 | 152 | 8.26 | 210 | 24.21 | 645 | 13.50 | 343 | 11.75 | 298.5 | 10.62 | 270 | 8-22 |
| 10" | 250 | 6.50 | 165 | 9.84 | 250 | 27.36 | 695 | 16.00 | 406 | 14.25 | 362 | 12.75 | 324 | 12-25 |
| 12" | 300 | 7.00 | 178 | 11.24 | 285 | 32.78 | 830 | 19.00 | 483 | 17.00 | 432 | 15.00 | 381 | 12-25 |
| 14" | 350 | 7.50 | 190 | 12.60 | 320 | 35.43 | 900 | 21.00 | 533 | 18.75 | 476 | 16.25 | 413 | 12-29 |
| 16" | 400 | 8.50 | 216 | 13.98 | 355 | 38.58 | 980 | 23.50 | 597 | 21.25 | 540 | 18.50 | 470 | 16-29 |
| 18" | 450 | 8.74 | 222 | 14.96 | 380 | 40.55 | 1030 | 25.00 | 635 | 22.75 | 578 | 21.00 | 533 | 16-32 |
| 20" | 500 | 9.00 | 229 | 16.34 | 415 | 43.70 | 1110 | 27.50 | 699 | 25.00 | 635 | 23.00 | 584 | 20-32 |
| 24" | 600 | 10.50 | 267 | 18.70 | 475 | 51.37 | 1305 | 32.00 | 813 | 29.50 | 749.5 | 27.25 | 692 | 20-35 |
| 30" | 750 | 11.50 | 292 | 22.38 | 580 | 60.03 | 1525 | 38.75 | 985 | 36.00 | 914 | 33.75 | 857 | 28-35 |
| 32" | 800 | 12.50 | 318 | 24.80 | 630 | 62.40 | 1585 | 41.75 | 1060 | 38.50 | 978 | 36.00 | 914 | 28-42 |
| 36" | 900 | 13.00 | 330 | 26.77 | 680 | 69.48 | 1765 | 46.00 | 1168 | 42.75 | 1085 | 40.25 | 1022 | 32-42 |

D₉³/₆43^HW- 300Lb C. P. R系列 Series

| 公称通径 Nominal diameter | | 结构长度 Structure length | | 外形尺寸 External dimension | | | | 连接尺寸 Connection dimension | | | | | | |
|--------------------------|----------|--------------------------|----------|----------------------------|-----|-------|------|------------------------------|------|-------|-------|-------|-------|---------|
| 英寸 inch | 毫米 mm | 英寸 inch | 毫米 mm | H | | H1 | | D | | D1 | | D2 | | Z-d |
| 3" | 80 | 7.09 | 180 | 5.35 | 136 | 14.76 | 375 | 8.27 | 210 | 6.63 | 168.5 | 5.00 | 127 | 8-22 |
| 4" | 100 | 7.48 | 190 | 6.42 | 163 | 16.93 | 430 | 10.04 | 255 | 7.87 | 200 | 6.20 | 157.5 | 8-22 |
| 5" | 125 | 7.87 | 200 | 6.69 | 170 | 18.27 | 464 | 11.02 | 280 | 9.25 | 235 | 7.32 | 186 | 8-22 |
| 6" | 150 | 8.27 | 210 | 6.93 | 176 | 18.94 | 481 | 12.60 | 320 | 10.63 | 270 | 8.50 | 216 | 12-22 |
| 8" | 200 | 9.06 | 230 | 8.70 | 221 | 23.94 | 608 | 14.96 | 380 | 12.99 | 330 | 10.63 | 270 | 12-26 |
| 10" | 250 | 9.84 | 250 | 10.55 | 268 | 26.42 | 671 | 17.52 | 445 | 15.26 | 387.5 | 12.76 | 324 | 16-29.5 |
| 12" | 300 | 10.63 | 270 | 11.46 | 291 | 30.47 | 774 | 20.47 | 520 | 17.76 | 451 | 15.00 | 381 | 16-32.5 |
| 14" | 350 | 11.42 | 290 | 13.19 | 335 | 34.92 | 887 | 23.03 | 585 | 20.26 | 514.5 | 16.26 | 413 | 20-32.5 |
| 16" | 400 | 12.20 | 310 | 14.06 | 357 | 37.52 | 953 | 25.59 | 650 | 22.50 | 571.5 | 18.50 | 470 | 20-35.5 |
| 18" | 450 | 12.99 | 330 | 15.75 | 400 | 40.51 | 1029 | 27.95 | 710 | 24.74 | 628.5 | 21.00 | 533.5 | 20-35.5 |
| 20" | 500 | 13.78 | 350 | 16.85 | 428 | 45.59 | 1158 | 28.15 | 715 | 27.01 | 686 | 22.99 | 584 | 24-35.5 |
| 24" | 600 | 15.35 | 390 | 19.69 | 500 | 51.26 | 1302 | 36.02 | 915 | 32.01 | 813 | 27.24 | 692 | 24-42 |
| 28" | 700 | 16.93 | 430 | 21.22 | 539 | 55.63 | 1413 | 36.26 | 921 | 33.74 | 857 | 30.98 | 787 | 36-35.5 |
| 32" | 800 | 18.50 | 470 | 24.53 | 623 | 63.03 | 1601 | 41.50 | 1054 | 38.50 | 978 | 35.51 | 902 | 32-42 |
| 36" | 900 | 20.08 | 510 | 25.55 | 649 | 66.06 | 1678 | 46.14 | 1172 | 42.87 | 1089 | 39.76 | 1010 | 32-45 |
| 40" | 1000 | 21.65 | 550 | 28.39 | 721 | 72.60 | 1844 | 50.12 | 1273 | 46.89 | 1191 | 44.06 | 1119 | 40-45 |

凸耳对夹式 三偏心蝶阀

Wafer Lug Type Three Eccentric Butterfly Valve

- 材质: 不锈钢、碳钢、高温钢、双相钢、特殊钢、钛、镍、锆等
- 国际标准 + ...

产品标准

设计标准: GB/T 12238, API 609
 结构长度: GB/T 12221, ASME B16.10
 连接法兰: GB/T 9113, JB/T 79, HG/T 20592, ASME B16.5
 检验标准: GB/T 13927, API 598

Product standards

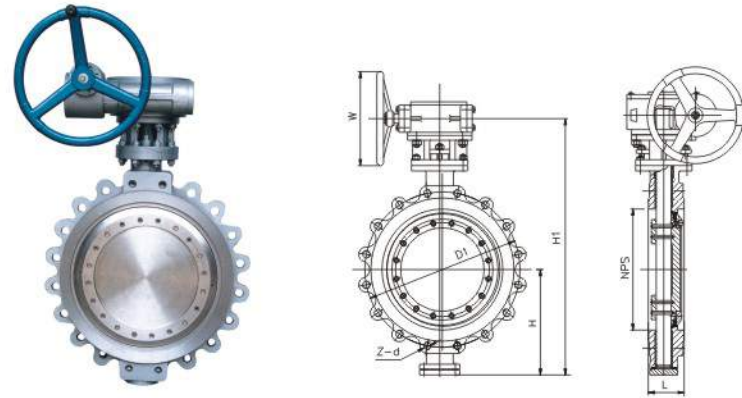
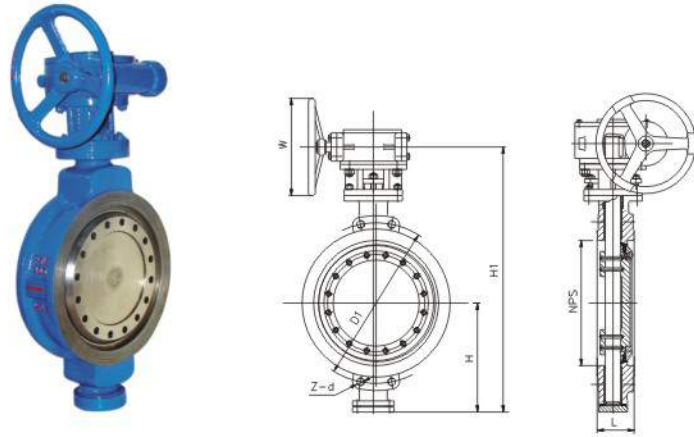
Design standard: GB/T 12238, API 609
 Face to Face: GB/T 12221, ASME B16.10
 Flange end: GB/T 9113, JB/T 79, HG/T 20592, ASME B16.5
 Test standards: GB/T 13927, API 598

性能规范

公称压力: PN1.6, 2.5MPa, Class 150
 壳体试验: PT2.4, 3.8, 3.0MPa
 低压密封试验: 0.6MPa
 适用介质: 水、油品、气、醋酸类、硝酸类
 适用温度: -29~425℃

Performance specification

Nominal pressure: PN1.6, 2.5MPa, Class 150
 Shell test pressure: PT2.4, 3.8, 3.0MPa
 Low-pressure closure test: 0.6MPa
 Suitable medium: water, oil, gas, acetic acid, nitric acid
 Suitable temperature: -29 ~ 425 °C



主要零件材料 Main parts and materials

| 材料名称 | Material Name | 碳钢 Carbon steel | | 不锈钢 Stainless steel | |
|------|---------------|-------------------------|-------------------------|-------------------------|--|
| 阀体 | Body | WCB | CF8 | CF8M | |
| 蝶板 | Disc | WCB | CF8 | CF8M | |
| 阀杆 | Stem | 13Cr | 304 | 316 | |
| 阀座 | Seat Ring | 304+柔性石墨 / 304+Graphite | 304+柔性石墨 / 304+Graphite | 316+柔性石墨 / 304+Graphite | |
| 填料 | Packing | 柔性石墨 / Graphite | 柔性石墨 / Graphite | 柔性石墨 / Graphite | |

凸耳对夹式 三偏心蝶阀

Wafer Lug Type Three Eccentric Butterfly Valve

D₃W₉ 16/25/150Lb C. P. R系列 Series

| 公称通径 Nominal diameter | | 结构长度 Structure length L | 外形尺寸 External dimension | | 连接尺寸 Connection dimension | | | | | |
|--------------------------|----------|-------------------------------|----------------------------|------|------------------------------|-------|------|-------|-----------|-------|
| 英寸 inch | 毫米 mm | | H | H1 | PN16 | | PN25 | | Class 150 | |
| | | | | | D1 | Z-d | D1 | Z-d | D1 | Z-d |
| 2" | 50 | 43 | 110 | 345 | 125 | 4-18 | 125 | 4-18 | 120.5 | 4-19 |
| 2 1/2" | 65 | 46 | 70 | 321 | 145 | 4-18 | 145 | 8-18 | 139.7 | 4-19 |
| 3" | 80 | 48 | 125 | 380 | 160 | 8-18 | 160 | 8-18 | 152.5 | 4-19 |
| 4" | 100 | 54 | 145 | 415 | 180 | 8-18 | 190 | 8-23 | 190.5 | 8-19 |
| 5" | 125 | 56 | 165 | 455 | 210 | 8-18 | 220 | 8-25 | 216 | 8-22 |
| 6" | 150 | 57 | 175 | 545 | 240 | 8-23 | 250 | 8-25 | 241.5 | 8-22 |
| 8" | 200 | 64 | 210 | 645 | 295 | 12-23 | 310 | 12-25 | 298.5 | 8-22 |
| 10" | 250 | 71 | 250 | 695 | 355 | 12-25 | 370 | 12-30 | 362 | 12-25 |
| 12" | 300 | 81 | 285 | 830 | 410 | 12-25 | 430 | 16-30 | 432 | 12-25 |
| 14" | 350 | 92 | 320 | 900 | 470 | 16-25 | 490 | 16-34 | 476 | 12-29 |
| 16" | 400 | 102 | 355 | 980 | 525 | 16-30 | 550 | 16-34 | 540 | 16-29 |
| 18" | 450 | 114 | 380 | 1030 | 585 | 20-30 | 600 | 20-34 | 578 | 16-32 |
| 20" | 500 | 127 | 415 | 1110 | 650 | 20-34 | 660 | 20-41 | 635 | 20-32 |
| 24" | 600 | 154 | 475 | 1305 | 770 | 20-41 | 770 | 20-41 | 749.5 | 20-35 |
| 28" | 700 | 165 | 580 | 1525 | 840 | 24-41 | 875 | 24-48 | 914 | 28-35 |
| 32" | 800 | 190 | 630 | 1585 | 950 | 24-41 | 990 | 24-48 | 978 | 28-42 |
| 36" | 900 | 203 | 680 | 1765 | 1050 | 28-41 | 1090 | 28-54 | 1085 | 32-42 |
| 40" | 1000 | 216 | 640 | 1765 | 1170 | 28-48 | 1210 | 28-58 | 1200 | 36-42 |
| 48" | 1200 | 254 | 755 | 1995 | 1390 | 32-54 | 1420 | 32-58 | 1422.5 | 44-42 |

对夹式衬胶蝶阀

Wafer Type Rubber Lined Butterfly Valve

- 材质: 不锈钢、碳钢、高温钢、双相钢、特殊钢、钛、镍、锆等
- 国际标准 +

产品标准

设计标准: GB/T 12238, API 609
 结构长度: GB/T 12221, ASME B16.10
 连接法兰: GB/T 9113, JB/T 79, HG/T 20592, ASME B16.5
 检验标准: GB/T 13927, API 598

Product standards

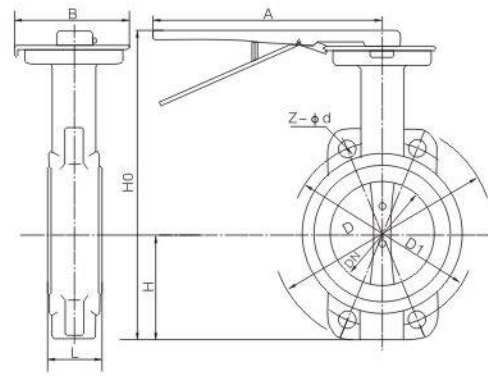
Design standards: GB/T 12238, API 609
 Face to Face: GB/T 12221, ASME B16.10
 Flange end: GB/T 9113, JB/T 79, HG/T 20592, ASME B16.5
 Test standards: GB/T 13927, API 598

性能规范

公称压力: PN0.6, 1.0, 1.6MPa, Class 150
 壳体试验: PT0.9, 1.5, 2.4, 3.0MPa
 低压密封试验: 0.6MPa
 适用介质: 水、油品、气、醋酸类、硝酸类
 适用温度: -20~80℃

Performance specification

Nominal pressure: PN0.6, 1.0, 1.6MPa, Class 150
 Shell test pressure: PT0.9, 1.5, 2.4, 3.0MPa
 Low-pressure closure test: 0.6MPa
 Suitable medium: water, oil, gas, acetic acid, nitric acid
 Suitable temperature: -20 ~ 80 °C



主要零件材料 Main parts and materials

| 材料名称 | Material Name | 碳钢 Carbon steel | | 不锈钢 Stainless steel | |
|------|---------------|-----------------|------|---------------------|--|
| 阀体 | Body | WCB | CF8 | CF8M | |
| 蝶板 | Disc | WCB | CF8 | CF8M | |
| 阀杆 | Stem | 13Cr | 304 | 316 | |
| 阀座 | Seat Ring | EPDM | EPDM | EPDM | |
| 填料 | Packing | PTFE | PTFE | PTFE | |

对夹式衬胶蝶阀

Wafer Type Rubber Lined Butterfly Valve

D(3)73^F_X - 6/10/16/150Lb C. P. R系列 Series

| 公称通径 Nominal diameter | | 结构长度 Structure length L | 外形尺寸 External dimension | | 连接尺寸 Connection dimension | | | | | | | |
|--------------------------|----------|-------------------------------|----------------------------|------|------------------------------|-------|------|-------|------|-------|--------|-------|
| 英寸 inch | 毫米 mm | | H | H1 | PN6 | | PN10 | | PN16 | | 150LB | |
| | | | | | D1 | Z-d | D1 | Z-d | D1 | Z-d | D1 | Z-d |
| 2" | 50 | 43 | 63 | 306 | 110 | 4-14 | 125 | 4-18 | 125 | 4-18 | 120.5 | 4-19 |
| 2 1/2" | 65 | 46 | 70 | 321 | 130 | 4-14 | 145 | 4-18 | 145 | 4-18 | 139.7 | 4-19 |
| 3" | 80 | 46 | 83 | 346 | 150 | 4-18 | 160 | 8-18 | 160 | 8-18 | 152.5 | 4-19 |
| 4" | 100 | 52 | 105 | 387 | 170 | 4-18 | 180 | 8-18 | 180 | 8-18 | 190.5 | 8-19 |
| 5" | 125 | 56 | 115 | 411 | 200 | 8-18 | 210 | 8-18 | 210 | 8-18 | 216 | 8-22 |
| 6" | 150 | 56 | 137 | 447 | 225 | 8-18 | 240 | 8-22 | 240 | 8-23 | 241.5 | 8-22 |
| 8" | 200 | 60 | 164 | 572 | 280 | 8-18 | 295 | 8-22 | 295 | 12-23 | 298.5 | 8-22 |
| 10" | 250 | 68 | 206 | 646 | 335 | 12-18 | 350 | 12-22 | 355 | 12-25 | 362 | 12-25 |
| 12" | 300 | 78 | 230 | 738 | 395 | 12-22 | 400 | 12-22 | 410 | 12-25 | 432 | 12-25 |
| 14" | 350 | 78 | 248 | 761 | 445 | 12-22 | 460 | 16-22 | 470 | 16-25 | 476 | 12-29 |
| 16" | 400 | 102 | 289 | 877 | 495 | 16-22 | 515 | 16-26 | 525 | 16-30 | 540 | 16-29 |
| 18" | 450 | 114 | 320 | 938 | 550 | 16-22 | 565 | 20-26 | 585 | 20-30 | 578 | 16-32 |
| 20" | 500 | 127 | 343 | 993 | 600 | 20-22 | 620 | 20-26 | 650 | 20-34 | 635 | 20-32 |
| 24" | 600 | 154 | 413 | 1131 | 705 | 20-26 | 725 | 20-30 | 770 | 20-41 | 749.5 | 20-35 |
| 28" | 700 | 165 | 478 | 1476 | 810 | 24-26 | 840 | 24-30 | 840 | 24-41 | 914 | 28-35 |
| 32" | 800 | 190 | 525 | 1533 | 920 | 24-30 | 950 | 24-33 | 950 | 24-41 | 978 | 28-42 |
| 36" | 900 | 203 | 585 | 1655 | 1020 | 24-30 | 1050 | 28-33 | 1050 | 28-41 | 1085 | 32-42 |
| 40" | 1000 | 216 | 640 | 1765 | 1120 | 28-30 | 1160 | 28-36 | 1170 | 28-48 | 1200 | 36-42 |
| 48" | 1200 | 254 | 755 | 1995 | 1340 | 32-33 | 1380 | 32-39 | 1390 | 32-54 | 1422.5 | 44-42 |

国标、德标法兰过滤器

GB、DIN Flanged Strainers

- 材质: 不锈钢、碳钢、高温钢、双相钢、特殊钢、钛、镍、锆等
- 国际标准 +

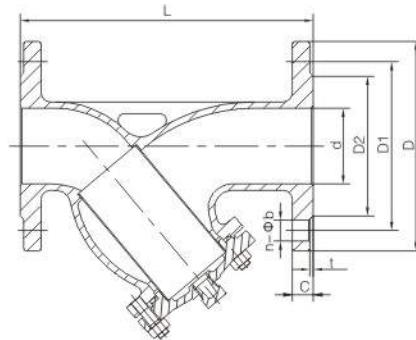
产品概述 Product Overview

过滤器是输送介质管道上不可缺少的一种装置。过滤器由阀体、滤网、排污部分组成。待处理的介质经过过滤器的滤网后，其杂质被阻挡，以此来保护减压阀、泄压阀、定水位阀和水泵等管道设备，以达到正常运转。

本公司生产的Y型过滤器可带有排污口，安装时Y型口朝下，管道内杂物会收集到过滤器网内排污口上，不需拆卸过滤器任何部件来排除污物，只需打开排污口即可排污。当需要清洗时，只要将可拆卸的滤网取出，处理后重新装入即可，因此，使用维护极为方便。

Strainer is an indispensable device for medium pipeline. The strainer consists of valve body, screen filter, and drain part. When the medium passes through the screen filter of the strainer, the impurities are blocked by the screen to protect the other pipeline equipment such as pressure relief valve, fixed water level valve, and pump to achieve normal operation.

The Y-type strainer produced by our company has sewage drain outlet, when installing, the Y-port need to be downward, the sundries and impurities will be collected by the sewage drain outlet in the filter screen, it can be sewerage only by opening the drain port, don't need to remove any parts of the strainer. When clean the strainer, only need to take out the screen filter and clean it, then reload it, the maintenance is very easy.



产品标准 Product standards

连接法兰: GB/T 9113, JB/T 79, HG/T 20529, EN 1092

检验标准: GB/T 13927, API 598

Flange end: GB/T 9113, JB/T 79, HG/T 20529, EN 1092

Test standards: GB/T 13927, API 598

性能规范 Specifications

公称压力: PN1.6, 2.5MPa

壳体试验: PT2.4, 3.8MPa

适用介质: SY41-(16-25)C 水、油品、气

适用温度: -29-425°C

适用介质: SY41-(16-25)P 硝酸类, SY41-(16-25)R 醋酸类

适用温度: -29-425°C

Nominal pressure: PN1.6, 2.5MPa

Shell test pressure: PT2.4, 3.8MPa

Suitable medium: SY41-(16-25)C Water, Oil, Gas

Suitable temperature: -29-425°C

Suitable medium: SY41-(16-25)P Nitric acid, SY41-(16-25)R Acetic acid

Suitable temperature: -29-425°C

主要零件材料 Main parts and materials

| 材料名称 | Material Name | SY41-(16-25)C | SY41-(16-25)P | SY41-(16-25)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 / 钢带石墨缠绕 Polytetrafluorethylene(PTFE) / Stainless steel and graphite spiral wound | | |

国标、德标法兰过滤器

GB、DIN Flanged Strainers

主要外形尺寸 Main outer size

PN16

| DN | d | L | D | | D1 | D2 | C | | t | n-φb | |
|-----|-----|-----|---------|------------|-----|-----|---------|------------|---|---------|------------|
| | | | JB/T 79 | HG/T 20592 | | | JB/T 79 | HG/T 20592 | | JB/T 79 | HG/T 20592 |
| 15 | 15 | 130 | 95 | 95 | 65 | 45 | 14 | 16 | 2 | 4-φ14 | 4-φ14 |
| 20 | 20 | 140 | 105 | 105 | 75 | 55 | 14 | 18 | 2 | 4-φ14 | 4-φ14 |
| 25 | 25 | 150 | 115 | 115 | 85 | 65 | 14 | 18 | 2 | 4-φ14 | 4-φ14 |
| 32 | 32 | 170 | 135 | 140 | 100 | 78 | 16 | 18 | 2 | 4-φ18 | 4-φ18 |
| 40 | 38 | 200 | 145 | 150 | 110 | 85 | 16 | 18 | 3 | 4-φ18 | 4-φ18 |
| 50 | 50 | 220 | 160 | 165 | 125 | 100 | 16 | 18 | 3 | 4-φ18 | 4-φ18 |
| 65 | 64 | 252 | 180 | 185 | 145 | 120 | 18 | 18 | 3 | 4-φ18 | 8-φ18 |
| 80 | 76 | 280 | 195 | 200 | 160 | 135 | 20 | 20 | 3 | 8-φ18 | 8-φ18 |
| 100 | 100 | 320 | 215 | 220 | 180 | 155 | 20 | 20 | 3 | 8-φ18 | 8-φ18 |
| 125 | 125 | 350 | 245 | 250 | 210 | 185 | 22 | 22 | 3 | 8-φ18 | 8-φ18 |
| 150 | 150 | 400 | 280 | 285 | 240 | 212 | 24 | 22 | 2 | 8-φ23 | 8-φ22 |
| 200 | 200 | 485 | 335 | 340 | 295 | 268 | 26 | 24 | 2 | 12-φ23 | 12-φ22 |
| 250 | 250 | 550 | 405 | 405 | 355 | 320 | 30 | 26 | 2 | 12-φ25 | 12-φ26 |
| 300 | 300 | 610 | 460 | 460 | 410 | 378 | 30 | 28 | 2 | 12-φ25 | 12-φ26 |
| 350 | 350 | 680 | 520 | 520 | 470 | 428 | 34 | 30 | 2 | 16-φ25 | 16-φ26 |
| 400 | 400 | 780 | 580 | 580 | 525 | 490 | 36 | 32 | 2 | 16-φ30 | 16-φ30 |
| 450 | 450 | 850 | 640 | 640 | 585 | 550 | 40 | 40 | 2 | 20-φ30 | 20-φ30 |
| 500 | 500 | 900 | 705 | 715 | 650 | 610 | 44 | 44 | 2 | 20-φ34 | 20-φ33 |

PN25

| DN | d | L | D | | D1 | D2 | C | | t | n-φb | |
|-----|-----|-----|---------|------------|-----|-----|---------|------------|---|---------|------------|
| | | | JB/T 79 | HG/T 20592 | | | JB/T 79 | HG/T 20592 | | JB/T 79 | HG/T 20592 |
| 15 | 15 | 130 | 95 | 95 | 65 | 45 | 16 | 16 | 2 | 4-φ14 | 4-φ14 |
| 20 | 20 | 140 | 105 | 105 | 75 | 55 | 16 | 18 | 2 | 4-φ14 | 4-φ14 |
| 25 | 25 | 150 | 115 | 115 | 85 | 65 | 16 | 18 | 2 | 4-φ14 | 4-φ14 |
| 32 | 32 | 170 | 135 | 140 | 100 | 78 | 18 | 18 | 2 | 4-φ18 | 4-φ18 |
| 40 | 38 | 200 | 145 | 150 | 110 | 85 | 18 | 18 | 3 | 4-φ18 | 4-φ18 |
| 50 | 50 | 220 | 160 | 165 | 125 | 100 | 20 | 20 | 3 | 4-φ18 | 4-φ18 |
| 65 | 64 | 252 | 180 | 185 | 145 | 120 | 22 | 22 | 3 | 8-φ18 | 8-φ18 |
| 80 | 76 | 280 | 195 | 200 | 160 | 135 | 22 | 24 | 3 | 8-φ18 | 8-φ18 |
| 100 | 100 | 320 | 230 | 235 | 190 | 160 | 24 | 24 | 3 | 8-φ23 | 8-φ22 |
| 125 | 125 | 350 | 270 | 270 | 220 | 188 | 28 | 26 | 3 | 8-φ25 | 8-φ26 |
| 150 | 150 | 400 | 300 | 300 | 250 | 218 | 30 | 28 | 2 | 8-φ25 | 8-φ26 |
| 200 | 200 | 485 | 360 | 360 | 310 | 278 | 34 | 30 | 2 | 12-φ25 | 12-φ26 |
| 250 | 250 | 550 | 425 | 425 | 370 | 335 | 36 | 32 | 2 | 12-φ30 | 12-φ30 |
| 300 | 300 | 610 | 485 | 485 | 430 | 395 | 40 | 34 | 2 | 16-φ30 | 16-φ30 |
| 350 | 350 | 680 | 550 | 555 | 490 | 450 | 44 | 38 | 2 | 16-φ34 | 16-φ33 |
| 400 | 400 | 780 | 610 | 620 | 550 | 505 | 48 | 40 | 2 | 16-φ34 | 16-φ36 |
| 450 | 450 | 850 | 660 | 670 | 600 | 555 | 50 | 46 | 2 | 20-φ34 | 20-φ36 |
| 500 | 500 | 900 | 730 | 730 | 660 | 615 | 52 | 48 | 2 | 20-φ41 | 20-φ36 |

美标法兰过滤器

ANSI Flanged Strainers

- 材质: 不锈钢、碳钢、高温钢、双相钢、特殊钢、钛、镍、锆等
- 国际标准 +

产品标准

连接法兰: ASME B16.5
检验标准: API 598

Product standards

Flange end: ASME B16.5
Test standards: API 598

性能规范

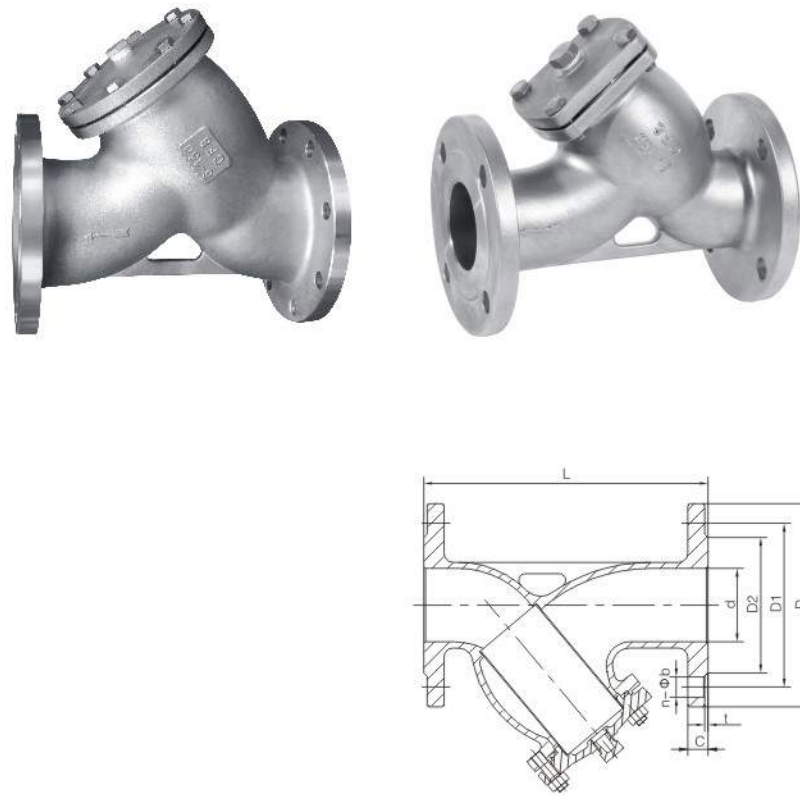
公称压力: CLASS150/300,
壳体试验: PT1.5PN
适用介质: SY41-(150-300BL)C 水、油品、气
适用温度: -29-425°C
适用介质: SY41-(150-300BL)P 硝酸类
SY41-(150-300BL)R 醋酸类
适用温度: -29-425°C

Specifications

Nominal pressure: CLASS150/300,
Shell test pressure: PT1.5PN
Suitable medium: SY41-(150-300BL)C Water, Oil, Gas
Suitable temperature: -29-425°C
Suitable medium: Sy41-(150-300BL)P Nitric acid
Sy41-(150-300BL)R Acetic acid
Suitable temperature: -29-425°C

主要零件材料 Main parts and materials

| 材料名称 | Material Name | SY41-(150-300LB)C | SY41-(150-300LB)P | SY41-(150-300LB)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 / 钢带石墨缠绕 Polytetrafluorethylene(PTFE) / Stainless steel and graphite spiral wound | | |



美标法兰过滤器

ANSI Flanged Strainers

主要外形尺寸 Main outer size

| NPS | Class150 | | | | | | | |
|--------|----------|-----|-----|-------|-------|------|---|--------|
| | d | L | D | D1 | D2 | C | t | n-φb |
| 1/2" | 15 | 130 | 90 | 60.3 | 34.9 | 10 | 2 | 4-φ16 |
| 3/4" | 20 | 140 | 100 | 69.9 | 42.9 | 11 | 2 | 4-φ16 |
| 1" | 25 | 150 | 110 | 79.4 | 50.8 | 12 | 2 | 4-φ16 |
| 1 1/4" | 32 | 170 | 115 | 88.9 | 63.5 | 13 | 2 | 4-φ16 |
| 1 1/2" | 38 | 200 | 125 | 98.4 | 73 | 15 | 2 | 4-φ16 |
| 2" | 50 | 220 | 150 | 120.7 | 92.1 | 16 | 2 | 4-φ19 |
| 2 1/2" | 64 | 252 | 180 | 139.7 | 104.8 | 18 | 2 | 4-φ19 |
| 3" | 76 | 280 | 190 | 152.4 | 127 | 19 | 2 | 4-φ19 |
| 4" | 100 | 320 | 230 | 190.5 | 157.2 | 24 | 2 | 8-φ19 |
| 5" | 125 | 350 | 255 | 215.9 | 185.7 | 24 | 2 | 8-φ22 |
| 6" | 150 | 400 | 280 | 241.3 | 215.9 | 26 | 2 | 8-φ22 |
| 8" | 200 | 485 | 345 | 298.5 | 269.9 | 29 | 2 | 8-φ22 |
| 10" | 250 | 550 | 405 | 362 | 323.8 | 31 | 2 | 12-φ25 |
| 12" | 300 | 610 | 485 | 431.8 | 381 | 32 | 2 | 12-φ25 |
| 14" | 350 | 680 | 535 | 476.3 | 412.8 | 35.5 | 2 | 12-φ29 |
| 16" | 400 | 780 | 595 | 539.8 | 469.9 | 37 | 2 | 16-φ29 |
| 18" | 450 | 850 | 635 | 577.9 | 533.4 | 40.1 | 2 | 16-φ32 |
| 20" | 500 | 900 | 700 | 635 | 584.2 | 43.3 | 2 | 20-φ32 |

| NPS | Class300 | | | | | | | |
|--------|----------|-----|-----|-------|-------|------|---|--------|
| | d | L | D | D1 | D2 | C | t | n-φb |
| 1/2" | 15 | 125 | 95 | 66.7 | 34.9 | 15 | 2 | 4-φ16 |
| 3/4" | 20 | 145 | 115 | 82.6 | 42.9 | 16 | 2 | 4-φ19 |
| 1" | 25 | 160 | 125 | 88.9 | 50.8 | 18 | 2 | 4-φ19 |
| 1 1/4" | 32 | 180 | 135 | 98.4 | 63.5 | 19 | 2 | 4-φ19 |
| 1 1/2" | 38 | 200 | 155 | 114.3 | 73 | 21 | 2 | 4-φ22 |
| 2" | 50 | 270 | 165 | 127 | 92.1 | 23 | 2 | 8-φ19 |
| 2 1/2" | 64 | 300 | 190 | 149.2 | 104.8 | 26 | 2 | 8-φ22 |
| 3" | 76 | 320 | 210 | 168.3 | 127 | 29 | 2 | 8-φ22 |
| 4" | 100 | 360 | 255 | 200 | 157.2 | 32 | 2 | 8-φ22 |
| 6" | 150 | 445 | 320 | 269.9 | 215.9 | 37 | 2 | 12-φ22 |
| 8" | 200 | 590 | 380 | 330.2 | 269.9 | 42 | 2 | 12-φ25 |
| 10" | 250 | 615 | 445 | 387.4 | 323.8 | 48 | 2 | 16-φ29 |
| 12" | 300 | 820 | 520 | 450.8 | 381 | 51.5 | 2 | 16-φ32 |
| 14" | 350 | 750 | 585 | 514.4 | 412.8 | 54.5 | 2 | 20-φ32 |
| 16" | 400 | 850 | 650 | 571.5 | 469.9 | 57.5 | 2 | 20-φ35 |

日标法兰过滤器

JIS Flanged Strainers

- 材质: 不锈钢、碳钢、高温钢、双相钢、特殊钢、钛、镍、锆等
- 国际标准 +

产品标准

连接法兰: JIS B2220
检验标准: API 598

Product standards

Flange end: JIS B2220
Test standards: API 598

性能规范

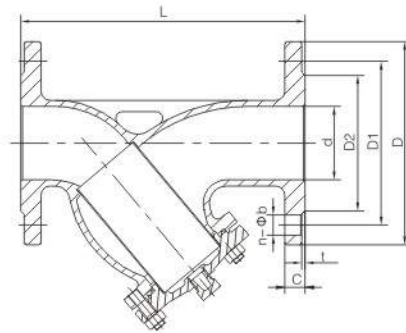
公称压力: 10K/20K
壳体试验: PT1.5PN
适用介质: SY41-(10-20K)C 水、油品、气
适用温度: -29-425°C
适用介质: SY41-(10-20K)P 硝酸类
SY41-(10-20K)R 醋酸类
适用温度: -29-425°C

Specifications

Nominal pressure: 10K/20K
Shell test pressure: PT1.5PN
Suitable medium: SY41-(10-20K)C Water, Oil, Gas
Suitable temperature: -29-425°C
Suitable medium: Sy41-(10-20K)P Nitric acid
Sy41-(10-20K)R Acetic acid
Suitable temperature: -29-425°C

主要零件材料 Main parts and materials

| 材料名称 | Material Name | SY41-(10-20K)C | SY41-(10-20K)P | SY41-(10-20K)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 / 钢带石墨缠绕 Polytetrafluorethylene(PTFE) / Stainless steel and graphite spiral wound | | |



日标法兰过滤器

JIS Flanged Strainers

主要外形尺寸 Main outer size

| DN | 10K | | | | | | | |
|------|-----|-----|-----|-----|-----|----|---|--------|
| | d | L | D | D1 | D2 | C | t | n-φb |
| 15A | 15 | 130 | 95 | 70 | 51 | 12 | 1 | 4-φ15 |
| 20A | 20 | 140 | 100 | 75 | 56 | 14 | 1 | 4-φ15 |
| 25A | 25 | 150 | 125 | 90 | 67 | 14 | 1 | 4-φ19 |
| 32A | 32 | 170 | 135 | 100 | 76 | 16 | 2 | 4-φ19 |
| 40A | 38 | 200 | 140 | 105 | 81 | 16 | 2 | 4-φ19 |
| 50A | 50 | 220 | 155 | 120 | 96 | 16 | 2 | 4-φ19 |
| 65A | 64 | 252 | 175 | 140 | 116 | 18 | 2 | 4-φ19 |
| 80A | 76 | 280 | 185 | 150 | 126 | 18 | 2 | 8-φ19 |
| 100A | 100 | 320 | 210 | 175 | 151 | 18 | 2 | 8-φ19 |
| 125A | 125 | 350 | 250 | 210 | 182 | 20 | 2 | 8-φ23 |
| 150A | 150 | 400 | 280 | 240 | 212 | 22 | 2 | 8-φ23 |
| 200A | 200 | 485 | 330 | 290 | 262 | 22 | 2 | 12-φ23 |
| 250A | 250 | 550 | 400 | 355 | 324 | 24 | 2 | 12-φ25 |
| 300A | 300 | 610 | 445 | 400 | 368 | 24 | 3 | 16-φ25 |
| 350A | 350 | 680 | 490 | 445 | 413 | 26 | 3 | 16-φ25 |
| 400A | 400 | 780 | 560 | 510 | 475 | 28 | 3 | 16-φ27 |
| 450A | 450 | 850 | 620 | 565 | 530 | 30 | 3 | 20-φ27 |
| 500A | 500 | 900 | 675 | 620 | 585 | 30 | 3 | 20-φ27 |

| DN | 20K | | | | | | | |
|------|-----|-----|-----|-----|-----|----|---|--------|
| | d | L | D | D1 | D2 | C | t | n-φb |
| 15A | 15 | 125 | 95 | 70 | 51 | 14 | 1 | 4-φ15 |
| 20A | 20 | 145 | 100 | 75 | 56 | 16 | 1 | 4-φ15 |
| 25A | 25 | 160 | 125 | 90 | 67 | 16 | 1 | 4-φ19 |
| 32A | 32 | 180 | 135 | 100 | 76 | 18 | 2 | 4-φ19 |
| 40A | 38 | 200 | 140 | 105 | 81 | 18 | 2 | 4-φ19 |
| 50A | 50 | 270 | 155 | 120 | 96 | 18 | 2 | 8-φ19 |
| 65A | 64 | 300 | 175 | 140 | 116 | 20 | 2 | 8-φ19 |
| 80A | 76 | 320 | 200 | 160 | 132 | 22 | 2 | 8-φ23 |
| 100A | 100 | 360 | 225 | 185 | 160 | 24 | 2 | 8-φ23 |
| 150A | 150 | 445 | 305 | 260 | 230 | 28 | 2 | 12-φ25 |
| 200A | 200 | 590 | 350 | 305 | 275 | 30 | 2 | 12-φ25 |
| 250A | 250 | 615 | 430 | 380 | 345 | 34 | 2 | 12-φ27 |
| 300A | 300 | 820 | 480 | 430 | 395 | 36 | 3 | 16-φ27 |
| 350A | 350 | 750 | 540 | 480 | 440 | 40 | 3 | 16-φ33 |
| 400A | 400 | 850 | 605 | 540 | 495 | 46 | 3 | 16-φ33 |