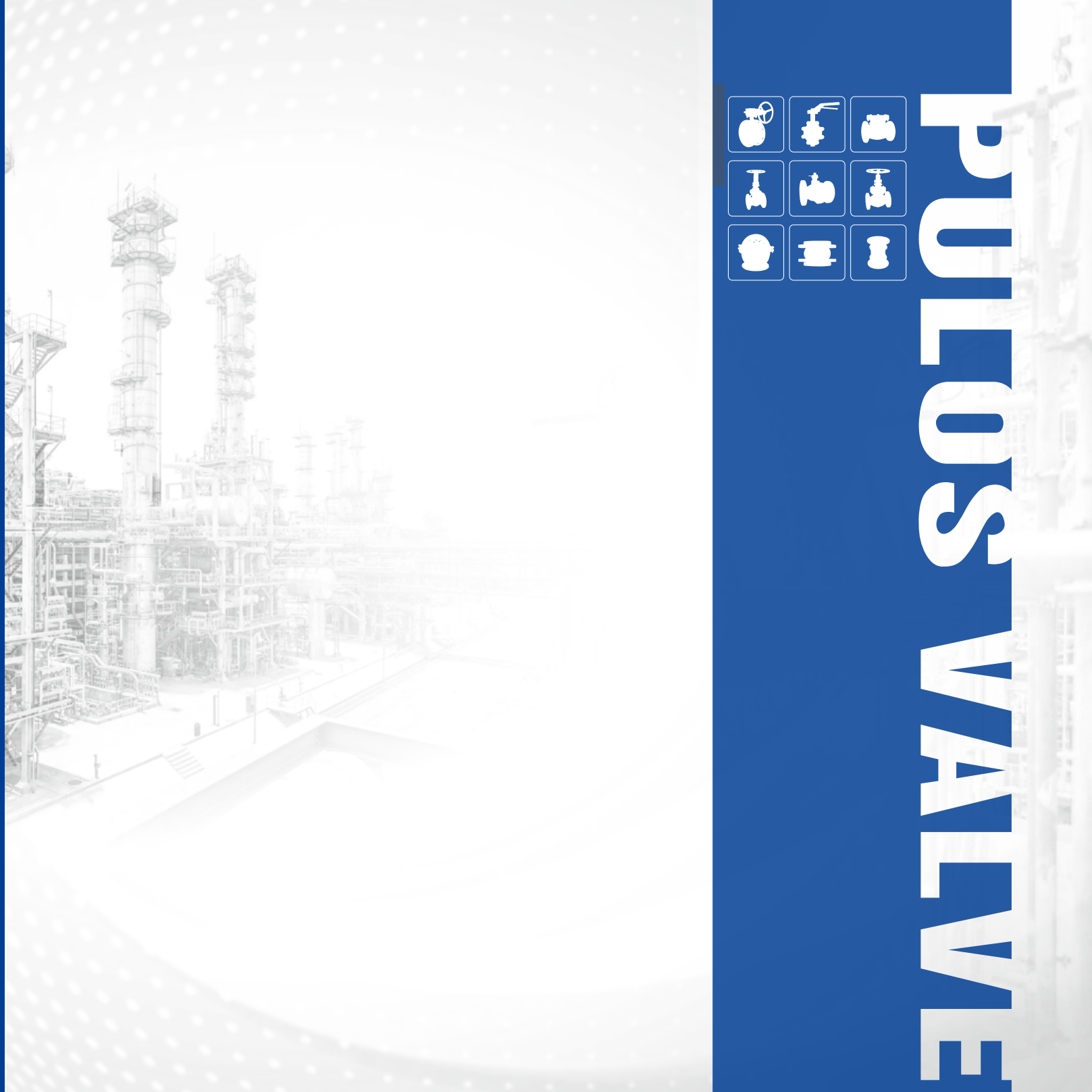




专业化、现代化、规范化  
Specialization, Modernization, Standardization



# PULLOS VALVE



## 天津普洛斯阀门有限公司 TIANJIN PULLOS VALVE CO., LTD.

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Website

## 天津普洛斯阀门有限公司 TIANJIN PULLOS VALVE CO., LTD.

 **JPLS** valves



## 企业简介 Brief Introduction

天津普洛斯阀门有限公司工厂地址座落于天津市津南区，是一家集科研、设计、生产、销售及售后服务为一体的专业阀门制造商。公司成立以来发展迅速，业务不断发展壮大，公司主营产品有中线蝶阀，软密封蝶阀，脱硫蝶阀，污水处理蝶阀，防结露蝶阀等等。

产品口径范围：1"-88"/DN15-DN2200(可依据客户要求定制生产更大口径)，包含了不锈钢304、/316、316L，铸钢WCB，球墨铸铁QT450，镍铝青铜C95400、C95800，哈氏合金钢2205、2507、4592，铝合金等材质类别，产品广泛应

用于水利，电厂，污水处理厂，造纸厂等行业，远销国内外。公司自创建伊始就本着高标准、高科技、高起点、大规模的经营战略；拥有先进的生产设备、精湛的生产技术、严密的检测手段；并且已通过ISO9001国际质量体系认证，ISO14001国际环境体系认证，ISO45001:2018职业健康安全管理体系认证，不断提高产品的核心竞争力和客户满意度。在现如今市场价格竞争激烈的环境下，我公司始终秉承着“培养优秀员工、生产优质产品、提供优质服务”的企业宗旨，坚持不懈的追求优良品质，为新老客户解决后顾之忧，希望能与您合作共赢，共创美好明天。

The factory address of Tianjin Pulos Valve Co.,Ltd. is located in Jinnan District, Tianjin City, China, which is a professional valve manufacturer integrating scientific research, design, production, sales and after-sales service. The company has developed rapidly since its establishment, and business has continued to grow. The company's main products include central line butterfly valves, soft seal butterfly valves, desulfurization butterfly valves, sewage treatment butterfly valves, anti-condensation butterfly valves, etc.

Nominal Diameter : 1/2"-48"/DN15-DN1200 (Larger upon request)  
Pressure Rating: 150Lb-2500Lb, PN6-PN420. Main Materials: ANSI/ASTM WCB (A105), WC1 (F1), C5 (F5), WC6 (F11), WC9 (F22), LCB (LF2), CF8 (304), CF8M (316), CF3 (304L), CF3M (316L), CN7M (B462/NO8020), Monel, Duplex, Inconel, Hastelloy, Cast iron, Ductile iron, etc. Products are widely used in water conservancy, power plants,

sewage treatment plants, paper mills and other industries, and are exported to local and abroad. Since its establishment, the company has been following a high-standard, high-tech, high starting point, and large-scale business strategy; it has advanced production equipment, superb production technology, and strict testing methods; and has passed ISO9001 international quality system certification, ISO14001 international environment System certification, ISO45001:2018 occupational health and safety management system certification, continuously improve the core competitiveness of products and customer satisfaction. Now in the fierce market price competition environment, our company always adheres to the tenet of "cultivating excellent employees, producing high-quality products and providing excellent services", persistently pursues excellent quality, solves the worries for new and old customers, and hopes to cooperate with you for in-win-win cooperation relationship and create a better tomorrow together.

普洛斯一直坚持严格控制把关每一个环节、每一道工序，从设计研发到生产作业各个环节的质量状况。检测系统流程均按照国际先进的行业标准要求，自产品设计就纳入一套极其严谨、精确的程序之中，从设计、采购、制造、试验、包装到运输，每个环节都要经历苛刻的检测程序，将精度控制到最严密，产品品质控制到最优异，对每一细微之处的精益求精，都控制到最完美，让客户在使用的同时，深切感受到我们严谨务实的品质宗旨……

PULOS has been adhering to the strict control of every link, every process, from design and development to the quality of the production operation of each link. Detection system processes are in accordance with the international advanced industry standard requirements, from product design into an extremely rigorous, accurate procedure, from the design, procurement, manufacturing, testing, packaging to shipping, every link have to undergo rigorous testing procedures, the precision control to the most rigorous, product quality control to the most excellent, keep improving every tiny point, control to the most perfect, let the customer in use at the same time, deeply felt our rigorous pragmatic quality objective...

专业化、现代化、规范化  
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工欲善其事，必先利其器，我们深知设备对企业发展的重要，多年来一直不遗余力的对软硬件设施进行更新改制。不但引进了国外各种先进设备和生产技术，同时还对专用装备进行开发，自动连续化生产线已经实现。生产体系的完善构筑，使企业在行业已更专业也更全面。

If a workman would do his work well, he must first sharpen his tools. We are fully aware of the importance of equipment for enterprise development, and have spared no effort to update and reform the hardware and software facilities for many years. Not only the introduction of various foreign advanced equipment and production technology, but also the development of special equipment, automatic continuous production line has been achieved. The perfect construction of the production system makes the enterprise more professional and comprehensive in the industry.

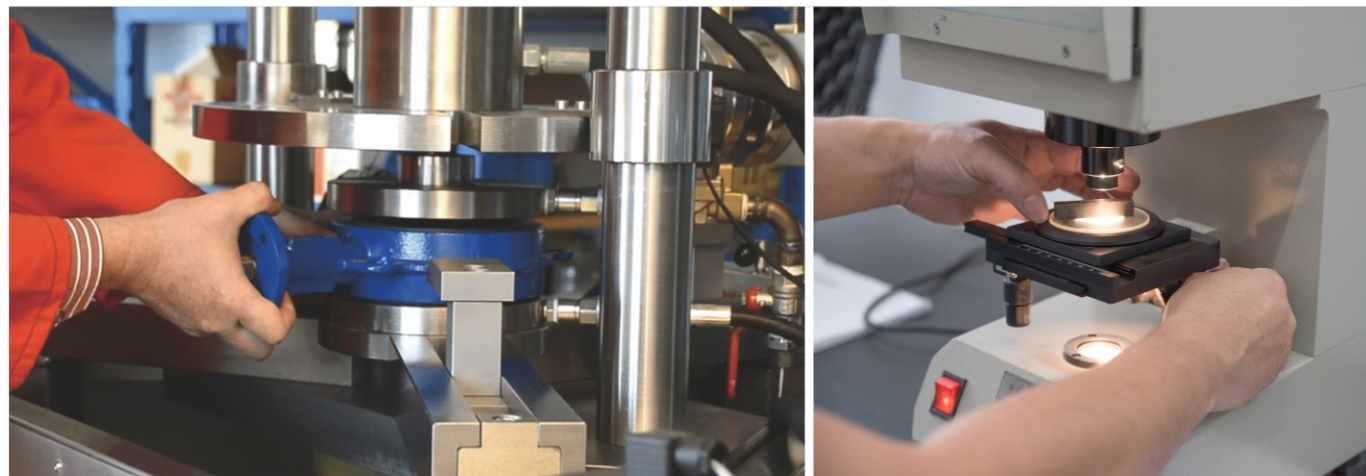




## 产品检测 Product Testing

为了提供高品质产品，公司配置了先进的检测设备以及完善的检测手段，建立了一支严格要求的品质管理队伍，实现了从原材料检测，生产过程检测，产品及应用全过程的质量控制。

In order to provide high quality products, the company has equipped with advanced testing equipment and perfect testing methods, established a strict quality management team, and realized the quality control of the whole process from raw material testing, production process testing, products and applications.



普洛斯阀门以市场为导向，以客户为中心以质量求生存，以效率求发展，求真务实，开拓创新，所生产的优质产品服务于众多客户，并获得良好的口碑，深受客户一致好评！

PULOS valve is market-oriented, customer-oriented, strives for survival by quality, strives for development by efficiency, is pragmatic, develops and innovates. The quality products produced by Pulos valve serve many customers and have won good public praise and been well received by customers!



## 资质荣誉 Qualification Honor

**ΦJPLS** valves



# 资质荣誉 Qualification Honor



产品集锦 Product highlights

|   |  |  |  |   |  |
|---|--|--|--|---|--|
| <br>对夹手柄蝶阀<br>Wafer handle butterfly valve                         | <br>手柄全衬四氟蝶阀<br>Handle fully lined teflon butterfly valve     | <br>铝合金手柄蝶阀<br>Aluminum alloy handle butterfly valve              | <br>小口径对夹蝶阀<br>Small diameter wafer butterfly valve             | <br>凸耳式对夹蝶阀<br>Lug type wafer butterfly valve             | <br>对夹涡轮蝶阀<br>Wafer turbine butterfly valve                             |
| <br>多标准对夹蝶阀<br>Multi-standard wafer butterfly valve                | <br>对夹脱硫蝶阀<br>Desulfurization wafer butterfly valve           | <br>LT对夹蝶阀<br>LT clamp butterfly valve                            | <br>铝合金防结露蝶阀<br>Al-alloy anti-condensation butterfly valve      | <br>全不锈钢对夹蝶阀<br>All stainless steel wafer butterfly valve | <br>全不锈钢衬四氟蝶阀<br>All stainless steel lined tetrafluoro-butterfly valves |
| <br>铸钢涡轮对夹蝶阀<br>Cast steel turbine wafer butterfly valve          | <br>铸钢四氟对夹蝶阀<br>Cast steel tetrafluoro wafer butterfly valve | <br>消防信号蝶阀<br>Fire signal butterfly valve                        | <br>对夹衬氟蝶阀<br>Fluorine lined wafer butterfly valve             | <br>涡轮法兰蝶阀<br>Gear operated flange butterfly valve       | <br>全不锈钢法兰蝶阀<br>All stainless steel flanged butterfly valve            |
| <br>不锈钢法兰衬四氟蝶阀<br>Stainless steel flanged teflon butterfly valve | <br>法兰衬氟蝶阀<br>Fluorine lined flange butterfly valve         | <br>电动法兰蝶阀<br>Electric actuator operated flange butterfly valve | <br>U型法兰蝶阀<br>U type flange butterfly valve                   | <br>船用短法兰蝶阀<br>Marine short flange butterfly valve      | <br>船用半凸耳蝶阀<br>Marine semi-lug butterfly valve                        |
| <br>船用V系列蝶阀<br>Marine V series butterfly valves                  | <br>船用LT系列蝶阀<br>Marine LT series butterfly valve            | <br>船用气动蝶阀<br>Marine pneumatic butterfly valve                  | <br>无孔手柄对夹蝶阀<br>Lever operated non-hole wafer butterfly valve | <br>伸缩蝶阀<br>Telescopic butterfly valve                  | <br>偏心软密封蝶阀<br>Eccentric soft sealing butterfly valve                 |

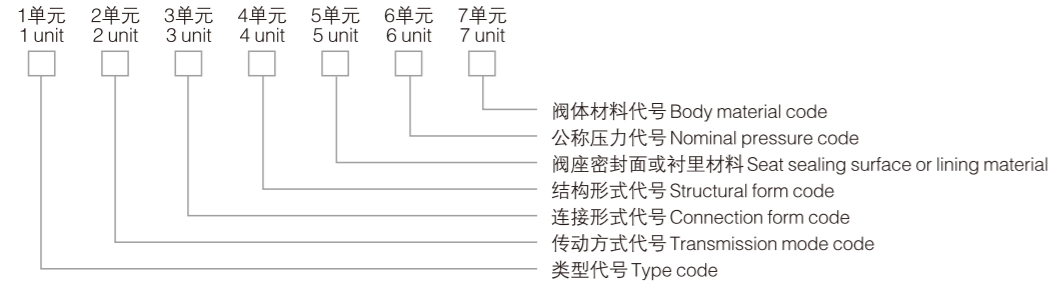
产品集锦 Product highlights

|  |  |   |  |   |   |
|--|--|---|--|---|---|
| <br>加长杆软密封蝶阀<br>Extended stem soft seal butterfly valve   | <br>加长杆硬密封蝶阀<br>Extended stem hard seal butterfly valve                   | <br>三偏心金属硬密封法兰蝶阀<br>Three eccentric metal hard seal flange butterfly valve | <br>三偏心金属硬密封对夹蝶阀<br>Three eccentric metal seals wafer butterfly valve | <br>电动三偏心金属硬密封蝶阀<br>Electric three-eccentric metal hard seal butterfly valve | <br>VSSJAF型双法兰传力接头<br>Double flanged joint force         |
| <br>蝶阀对夹止回阀<br>Wafer check valve                          | <br>美标铸钢/不锈钢旋启式止回阀<br>ANSI Cast steel / stainless steel swing check valve | <br>日标铸钢/不锈钢旋启式止回阀<br>JIS Cast steel / stainless steel swing check valve   | <br>升降式止回阀<br>Lift check valve  | <br>球形止回阀<br>Ball check valve  | <br>橡胶瓣止回阀<br>Rubber disc check valve                    |
| <br>英标软密封明杆闸阀<br>BS5163 Resilient Seat OS & Y Gate Valve | <br>德标铸铁硬密封闸阀F4<br>DIN Cast iron hard seal gate valve F4                 | <br>英标软密封暗杆闸阀<br>BS5163 Resilient Seat Non-rising Stem Gate Valve         | <br>德标铸钢/不锈钢闸阀F4<br>DIN Cast steel/stainless steel gate valve F4     | <br>日标铸钢/不锈钢闸阀10K<br>JIS Cast steel/stainless steel gate valve 10K          | <br>手动凸耳/法兰式刀型闸阀<br>Manual lug/flanged knife gate valve |
| <br>电动刀型闸阀<br>Electric knife gate valve                 | <br>日标铸钢球阀10K<br>JIS Cast steel ball valve 10K                          | <br>美标铸钢/不锈钢球阀<br>ANSI Cast steel stainless steel ball valves            | <br>德标铸铁球阀<br>DIN Cast iron ball valve                              | <br>2片式丝扣球阀<br>2PC Threaded ball valve                                     | <br>1片式丝扣球阀<br>1PC Threaded ball valve                 |
| <br>德标波纹管截止阀<br>DIN Cast steel bellows globe valves     | <br>视盅<br>Sight cup   | <br>视镜<br>Sight glass  | <br>底阀<br>Foot valve  | <br>单球橡胶接头<br>Single ball rubber joint                                     | <br>液位计<br>Level gauge                                 |

## 阀门的编号和选型 Valve number and selection

阀门型号由7个单位组成：其含义如图所示：

Valve type consists of 7 units: its meaning is shown in the figure:



阀类型代号用汉语拼音字母表示 The valve type code is denoted by Chinese phonetic alphabet

| 阀门类型 Valve Type | 蝶阀 Butterfly valve | 闸阀 Gate valve | 止回阀和底阀 Check valve and bottom valve | 截止阀 Globe valve | 球阀 Ball valve | 节流阀 Throttle valve |
|-----------------|--------------------|---------------|-------------------------------------|-----------------|---------------|--------------------|
| 代号 Code         | D                  | Z             | H                                   | J               | Q             | L                  |

注：低温(低于-40)、保温(带加热套)和带波纹管的阀门，在类型代号前分别加“D”“B”和“W”汉语拼音。

Note: "D", "B" and "W" should be added before the type code for low-temperature (less than -40), thermal insulation (with heating sleeve) and bellows valve.

传动方式代号用阿拉伯数字表示 The transmission code is expressed in Arabic numerals

| 传动方式 Transmission mode | 电磁阀 Solenoid valve | 电磁-液动 Electromagnetic-hydrodynamic | 电-液动 Electrical and hydraulic | 蜗轮 Worm gear | 正齿轮 Spur gear | 伞齿轮 Bevel gear | 气动 Pneumatic | 液动 Hydraulic | 汽-液动 Vapor-Hydraulic | 电动 Electric |
|------------------------|--------------------|------------------------------------|-------------------------------|--------------|---------------|----------------|--------------|--------------|----------------------|-------------|
| 代号 Code                | 0                  | 1                                  | 2                             | 3            | 4             | 5              | 6            | 7            | 8                    | 9           |

注：1、手轮、手柄和板手传动以及安全阀、减压阀、疏水阀省略本代号。

2、对于手动或流动；常开式用6K、7K表示；常闭式用6B、7B表示；气动带手动用6S表示；防爆电动用9B表示。

Note: 1. Handwheel, handle and plate hand drive, as well as safety valve, pressure reducing valve and trap valve omit this code.

2. For manual or flow; Normally open expressions are expressed by 6K and 7K; Normally closed forms are 6B and 7B; Pneumatic belt hand use 6S; Explosion-proof power use 9B.

连接形式用阿拉伯数字表示 The connection form is represented by Arabic numerals

| 连接形式 Connection | 内螺纹 Internal thread | 外螺纹 External thread | 法兰 Flange | 焊接 Welding | 对夹 Wafer |
|-----------------|---------------------|---------------------|-----------|------------|----------|
| 代号 Code         | 1                   | 2                   | 4         | 6          | 7        |

注：焊接包括对焊和承插焊。 Note: Welding includes butt welding and socket welding.

阀座材料代号用汉语拼音字母表示 The material code of valve seat is indicated by Chinese phonetic alphabet

公称压力代号用阿拉伯数字表示，其数值是以兆帕为单位的公称压力的10倍。

The nominal pressure code is expressed in Arabic numerals and the value is 10 times the nominal pressure in mepa.

| 阀体材料 Body material             | 代号 Code | 阀体材料 Body material               | 代号 Code |
|--------------------------------|---------|----------------------------------|---------|
| 灰铸铁 Gray cast iron             | Z       | 1Cr5Mo, ZG1Cr5Mo                 | I       |
| 可锻铸铁 Malleable iron            | K       | 1Cr18Ni9Ti, ZG1Cr5Mo             | P       |
| 球墨铸铁 Nodular cast iron         | Q       | 1Cr18Ni12Mo2Ti, ZG1Cr18Ni12Mo2Ti | R       |
| 铜及铜合金 Copper and copper alloys | T       | 12CrMoV, ZG12CrMoV               | V       |
| 碳钢 Carbon steel                | C       |                                  |         |

注：PN≤1.6MPa的灰铸铁和PN≤2.5MPa的碳素钢，阀体省略本代号。

Note: For gray cast iron with PN≤1.6MPa and carbon steel with PN≤2.5MPa, this code is omitted for valve body.

结构形式用阿拉伯数字表示 The structural form is represented by Arabic numerals

| 代号 Code            | 0                     | 1                | 2                    | 3                | 4                    | 5                    | 6               | 7               |
|--------------------|-----------------------|------------------|----------------------|------------------|----------------------|----------------------|-----------------|-----------------|
| 类型 Type            | 结构形式 Structural style |                  |                      |                  |                      |                      |                 |                 |
| 闸阀 Gate valve      | 明杆 Rising stem        |                  |                      |                  | 暗杆 Non-rising stem   |                      |                 |                 |
|                    | 弹性闸板 Flexible disc    |                  | 刚性 Rigid             |                  | 平行式 Parallel         |                      | 楔式 Wedge        |                 |
|                    | 单闸板 Single disc       | 双闸板 Double disc  | 单闸板 Single disc      | 双闸板 Double disc  | 单闸板 Single disc      | 双闸板 Double disc      | 单闸板 Single disc | 双闸板 Double disc |
| 截止阀 Globe valve    | 直流式 Straight-flow     |                  | 角式 Angle             |                  | 平衡 Balance           |                      | 直角式 Right-angle |                 |
| 节流阀 Throttle valve | 直流式 Straight-flow     |                  | 角式 Angle             |                  | 平衡 Balance           |                      | 直角式 Right-angle |                 |
| 球阀 Ball valve      | 浮动球 Floating ball     |                  |                      |                  | 固定球 Fixed ball       |                      |                 |                 |
|                    | 直通式 Straight through  | Y型三通式 Y-type tee | L型三通式 L-type tee     | T型三通式 T-type tee | 四通式 Four way pattern | 直通式 Straight through |                 |                 |
| 止回阀 Check valve    | 升降式 Lifting type      |                  | 旋启式 Swing            |                  | 单瓣式 Single lobe      |                      | 多瓣式 Multi lobed |                 |
|                    | 直通式 Straight through  | 立式 Vertical      | 双瓣式 Double disc type |                  |                      |                      |                 |                 |
| 蝶阀 Butterfly valve | 杠杆式 Lever type        | 垂直式 Vertical     | 单偏心 Single eccentric | 双(三)偏心           |                      |                      |                 |                 |

阀座密封面或衬里材料代号用汉语拼音字母表示 Valve seat sealing surface or lining material code in Chinese pinyin letters

| 阀座密封面或衬里材料 Seat sealing surface or lining material | 铜合金 Copper alloy | 橡胶 Rubber | 尼龙塑料 Nylon plastic | 氟塑料 Fluorine plastic | 锡基油承合金 Tin base oil bearing alloy | 合金钢 Alloy steel | 渗氮钢 Ammoniated steel | 硬质合金 Cemented carbide | 衬胶 Rubber lining | 衬铅 Lead lining | 搪瓷 Enamel | 衬碳钢 Boron lined steel |
|--|------------------|-----------|--------------------|----------------------|-----------------------------------|-----------------|----------------------|-----------------------|------------------|----------------|-----------|-----------------------|
| 代号 Code  | T                | X         | N                  | F                    | B                                 | H               | D                    | Y                     | J                | Q              | C         | P                     |

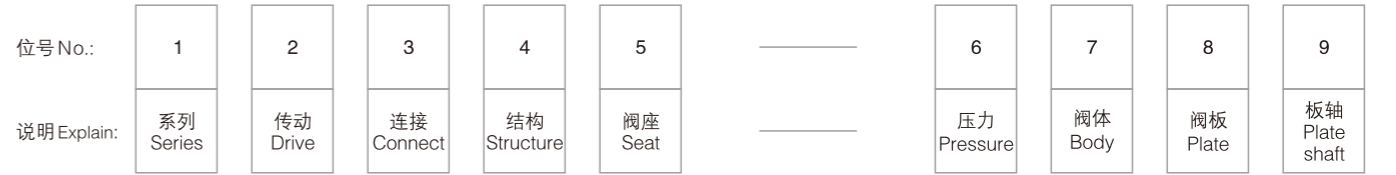
注：由阀体直接加工阀座密封面材料用“W”表示，当阀座和阀瓣(闸板)密封材料不同时，用低硬度材料代号(除隔膜阀外)。

Note: Valve body directly machined seat sealing surface material is represented by "W", When seat and disc (gate) sealing material is not the same, low hardness material code is used (except diaphragm valve).

## 蝶阀产品型号编码 Butterfly valve product model No

例：MD37A1X3-16QB2Y1：MD系列，蜗轮装置，对夹式，中心垂直板式，EPDM阀座，1.6MPa(200PSI)，球体，铜板，有销。

Example: Series MD, Worm Gear, Wafer, Concentric Disc, EPDM Seat, 1.6 Mpa (200PSI), DI Body, ALB Disc, with Pin.



| 1系列 Series                  | Code | 5阀座材料 Seat Material           | Code  | 8阀板材料 Disc Material  | Code |
|-----------------------------|------|-------------------------------|-------|--|------|
| 609双耳蝶阀 609 BFV             | AD   | 天然橡胶 NR(Natural Rubber)       | X1 J1 | 球墨铸铁镀镍 DuctileIron+Plated Ni   | B1   |
| 对夹衬胶蝶阀 Bonded Seat BFV      | BD   | 海帕伦 Hypalon                   | X2 J2 | 铝青铜 AL-Bronze  | B2   |
| 欧式软座蝶阀 Europe Soft-Seat BFV | ED   | 乙丙橡胶 EPDM                     | X3 J3 | 球墨铸铁衬胶板 Disc Lined Rubber  | B3   |
| 衬氟塑料蝶阀 Lined Teflon BFV     | FD   | 氯丁橡胶 Neoprene Rubber          | X4 J4 | 双相不锈钢 2507 Duplex Stainless Steel  | B4   |
| 沟槽式蝶阀 Grooved End BFV       | GD   | 丁腈橡胶 NBR(BUNA·N)              | X5 J5 | 奥氏体不锈钢 CF8M  | B5   |
| 高性能蝶阀 HPBV BFV              | HD   | 耐磨橡胶 Wear-Resistant Rubber    | X6 J6 | 超级奥氏体不锈钢 1.4529 Super Austenitic Stainless Steel   | B6   |
| 对夹金属蝶阀 Metal Seated BFV     | JD   | 氟橡胶 Viton                     | X7 J7 | 奥氏体不锈钢 CF8   | B7   |
| 无耳对夹蝶阀 Long Neck BFV        | KD   | 硅橡胶 Silicon Rubber            | X8 J8 | 双相不锈钢 1.4469   | B8   |
| 马克对夹蝶阀 Mark BFV             | MD   | 耐热乙丙橡胶 Heat-Resistant EPDM    | X9 J9 | 蒙耐尔合金 Monel  | B9   |
| 澳式对夹蝶阀 Australia BFV        | PD   | 白色丁腈橡胶 White NBR              | XA JA | 超低碳奥氏体不锈钢 CF3  | BA   |
| 螺纹连接蝶阀 Screw End BFV        | SD   | 白色乙丙橡胶 White EPDM             | XB JB | 超低碳奥氏体不锈钢 CF3M   | BB   |
| 对夹法兰蝶阀 U-Section BFV        | UD   | 食品级乙丙橡胶 (NSF) EPDM (NSF)      | XC JC | 铸钢 WCB   | BC   |
| 高压重型蝶阀 Heavy Duty BFV       | VD   | 氟橡胶 B26 Viton B26             | XD JD | 球墨铸铁喷涂尼龙 Nylon 11 Coating  | BN   |
| 欧式硬座蝶阀 Europe Hard-Seat BFV | YD   | 聚氨酯 Polyurethane              | XE JE | 球铁涂环氧树脂 EPOXY Coating  | BE   |
| 2 传动方式 Actuator             | Code | 聚四氟乙烯 Teflon                  | F4 JF | 球铁喷涂氟塑料 PTFE Coating   | BP   |
| 光轴 Bare Shaft               | 0    | X-硬靠背阀座 Hard Seat             |       | 超级奥氏体不锈钢 1.4529 Super Austenitic Stainless Steel   | BL   |
| 手柄 Handle Lever             | 1    | J-无靠背软阀座 Soft Seat            |       | 哈氏合金 Hastelloy Alloy B   | BH   |
| 蜗轮装置 Worm Gear              | 3    | 6 压力级 Pressure Rating         | Code  | 球墨铸铁搪瓷 Ceramic Coating   | BT   |
| 气动 Pneumatic                | 6    | 1.0MPa (美标 150 PSI Code:150)  | 10    | 9 板轴连接结构 Connection  |      |
| 电动 Electric Actuator        | 9    | 1.6MPa (美标 200 PS I Code:200) | 16    | 通毅板通轴有销连接(有销结构) Hub plate and shaft with pin key connection (pin structure)                                    | Y1   |
| 3 连接式 Connection            | Code | 2.0MPa (美标 285 PSI Code:285)  | 20    | 通毅板通轴有销方连接(有销结构) Through-hub plate through-shaft pin connection (pin structure)                                | Y2   |
| 对夹 Wafer                    | 7A   | 2.5MPa (美标 350 PSI Code:350)  | 25    | 通毅连杆半轴弹挡式方头(无销) 2"-14" Half shaft of through-hub connecting rod spring baffle square head (without pin) 2"-14" | W1   |
| 单夹 Lug                      | 7L   | 7 阀体材料 Body material          | Code  | 半毅板半轴弹挡下侧销方轴头(无销) Half hub plate and half axle spring baffle lower side pin shaft head (without pin)           | W2   |
| U型法兰 U-Section Flanged      | 7B   | 灰铸铁 Cast Iron                 | Z     | 通毅板半轴弹挡下侧销方轴头(无销) Shaft head (without pin) on lower side pin of through-hub plate                              | W3   |
| 卡箍 Grooved                  | 8A   | 球墨铸铁 Ductile Iron             | Q     | 通毅板半轴对开环方轴头(无销) ≥ 16" Hub plate half shaft split ring square shaft head (without pin) ≥ 16"                    | W4   |
| 内螺纹 Screw                   | 1A   | 铸钢 WCB                        | C     | 通毅板半轴对开环键轴头(无销) ≥ 16" Through hub plate half shaft spline spring stop square shaft head (without pin) ≥ 16"    | W5   |
| 4 板结构 Disc Structure        | Code | 铝青铜 AL-Bronze                 | T     | 通毅板花键弹挡方轴头(无销) 1.5"-14" Through hub plate spline spring stop square shaft head (without pin) 1.5"-14"          | W6   |
| 中心板式 Concemtric             | 1    | 奥氏体不锈钢 CF8                    | P     |  |      |
| 单偏心式 Single Eccentric       | 2    | 奥氏体不锈钢 CF8M                   | R     |  |      |
| 双偏心式 Double Eccentric       | 3    | 低温钢 LC1                       | L     |  |      |

**蝶阀系列**  
Butterfly valve series

|  |    |
|--|----|
| 多标准对夹蝶阀<br>Multi-standard wafer butterfly valve                          | 01 |
| 双法兰蝶阀<br>Double flange butterfly valve                                   | 02 |
| 脱硫蝶阀<br>Desulfurization butterfly valve                                  | 03 |
| 防结露蝶阀<br>Anti-condensation butterfly valve                               | 04 |
| 凸耳式对夹蝶阀<br>Lug type wafer butterfly valve                                | 05 |
| 双法兰电动软密封蝶阀<br>Double flange electric soft seal butterfly valve           | 06 |
| 消防信号蝶阀<br>Fire signal butterfly valve                                    | 07 |
| 偏心软密封蝶阀<br>Eccentric soft sealing butterfly valve                        | 08 |
| 加长杆软密封蝶阀<br>Extended stem soft seal butterfly valve                      | 09 |
| 三偏心金属硬密封对夹蝶阀<br>Three eccentric metal seals wafer butterfly valve        | 10 |
| 三偏心金属硬密封法兰蝶阀<br>Three eccentric metal hard seal flange butterfly valve   | 11 |
| 电动三偏心金属硬密封蝶阀<br>Electric three-eccentric metal hard seal butterfly valve | 12 |
| 加长杆硬密封蝶阀<br>Extended stem hard seal butterfly valve                      | 13 |
| 对夹衬氟蝶阀<br>Fluorine lined wafer butterfly valve                           | 14 |
| 双法兰衬氟蝶阀<br>Fluorine lined double flange butterfly valve                  | 15 |
| U型法兰蝶阀<br>U type flange butterfly valve                                  | 16 |
| 伸缩蝶阀<br>Telescopic butterfly valve                                       | 17 |
| 管道伸缩器<br>Expansion joint   | 18 |

**船用蝶阀**  
Marine butterfly valve

|  |    |
|--|----|
| 船用短法兰蝶阀<br>Marine short flange butterfly valve | 19 |
| 船用半凸耳蝶阀<br>Marine semi-lug butterfly valve     | 20 |
| 船用V系列蝶阀<br>Marine V series butterfly valves    | 21 |
| 船用LT系列蝶阀<br>Marine LT series butterfly valve   | 22 |
| 船用气动蝶阀<br>Marine pneumatic butterfly valve     | 23 |

**止回阀系列**  
Check valve series

|   |    |
|---|----|
| 蝶式对夹止回阀<br>Wafer check valve  | 24 |
| 美标铸铁旋启式止回阀<br>ANSI Cast iron swing check valve                        | 25 |
| 美标铸钢/不锈钢旋启式止回阀<br>ANSI Cast steel / stainless steel swing check valve | 26 |
| 日标铸铁旋启式止回阀10K<br>JIS Cast iron swing check valve 10K                  | 28 |
| 日标铸钢/不锈钢旋启式止回阀<br>JIS Cast steel / stainless steel swing check valve  | 29 |
| 升降式止回阀<br>Lift check valve  | 30 |

|                                   |    |
|-----------------------------------|----|
| 球形止回阀<br>Ball check valve         | 31 |
| 橡胶瓣止回阀<br>Rubber disc check valve | 32 |

**闸阀系列**  
Gate valve series

|  |    |
|--|----|
| 英标软密封闸阀<br>BS Soft sealing gate valve                          | 33 |
| 日标铸铁闸阀<br>JIS Cast iron gate valve                             | 34 |
| 日标铸钢/不锈钢闸阀10K<br>JIS Cast steel/stainless steel gate valve 10K | 35 |
| 德标铸铁硬密封闸阀F4<br>DIN Cast iron hard seal gate valve F4           | 36 |
| 德标铸铁硬密封闸阀F5<br>DIN Cast iron hard seal gate valve F5           | 37 |
| 德标铸钢/不锈钢闸阀F4<br>DIN Cast steel/stainless steel gate valve F4   | 38 |
| 德标铸钢/不锈钢闸阀F5<br>DIN Cast steel/stainless steel gate valve F5   | 39 |
| 手动凸耳/法兰式刀型闸阀<br>Manual lug/flanged knife gate valve            | 40 |
| 气动刀型闸阀<br>Pneumatic knife gate valve                           | 41 |
| 电动刀型闸阀<br>Electric knife gate valve                            | 42 |

**球阀系列**  
Ball valve series

|   |    |
|---|----|
| 1片式丝扣球阀<br>1PC Threaded ball valve                        | 43 |
| 2片式丝扣球阀<br>2PC Threaded ball valve                        | 44 |
| 德标铸铁球阀<br>DIN Cast iron ball valve                        | 45 |
| 日标铸铁球阀<br>JIS Cast iron ball valve                        | 46 |
| 美标铸铁球阀<br>ANSI Cast iron ball valve                       | 47 |
| 日标铸钢球阀10K<br>JIS Cast steel ball valve 10K                | 48 |
| 美标铸钢/不锈钢球阀<br>ANSI Cast steel/stainless steel ball valves | 49 |

**截止阀系列**  
Globe valve series

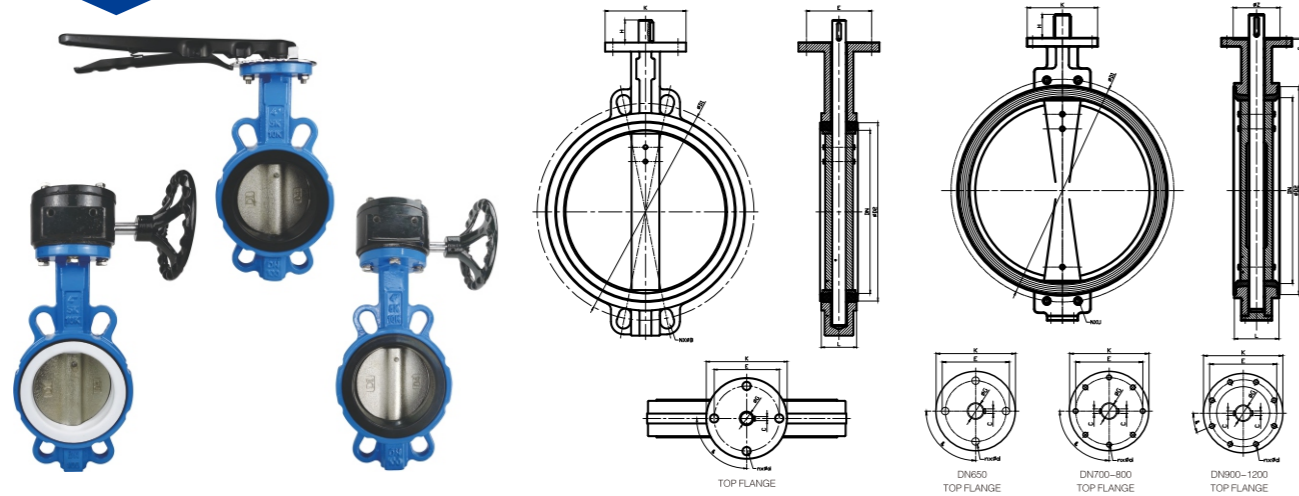
|   |    |
|---|----|
| 德标波纹管截止阀<br>DIN Cast steel bellows globe valves   | 50 |
| 日标截止阀<br>JIS globe valves                         | 51 |
| 美标截止阀<br>ANSI globe valves                        | 52 |
| 底阀<br>Foot Valve                                  | 54 |
| 丝扣橡胶软接头<br>Rubber soft connector for screw thread | 56 |
| 单球橡胶接头<br>Single ball rubber joint                | 57 |
| 双球橡胶接头<br>Double ball rubber joint                | 58 |
| 液位计<br>Level gauge                                | 59 |
| 视盅<br>Sight cup                                   | 60 |
| 视镜<br>Sight glass                                 | 61 |





**ØJPLS valves**

多标准体对夹蝶阀 Multi-standard wafer butterfly valve



主要零件及材料 Material of main parts

| 零件名称 Part name      | 材料 Material  |
|---------------------|--|
| 阀体 Body Materials   | 灰铁 Cast Iron, 球墨铸铁 Ductile Iron, 碳钢 WCB, 不锈钢 Stainless Steel, 铜 Bronze |
| 阀座 Seat Materials   | 丁腈 NBR, 三元乙丙 EPDM, 氟橡胶 VITON, 聚四氟乙烯 PTFE                               |
| 蝶板 Disc Materials   | 球墨铸铁 Ductile Iron, 碳钢 WCB, 304 CF8, 316 CF8M, 铝青铜 Al-bronze C958       |
| 阀轴 Stem Materials   | SS416, SS304, Ss316  |
| 连接方式 End Connection | 对夹 Wafer   |
| 驱动方式 Operate        | 手柄 Manual, 涡轮 Worm gear, 气动 Pneumatic, 电动 Electric-Motorized           |
| 蝶板类型 Disc type      | 有销 With-pin, 通轴无销 One stem no-pin, 双半轴 Double stem no-pi               |

设计标准 Valve design

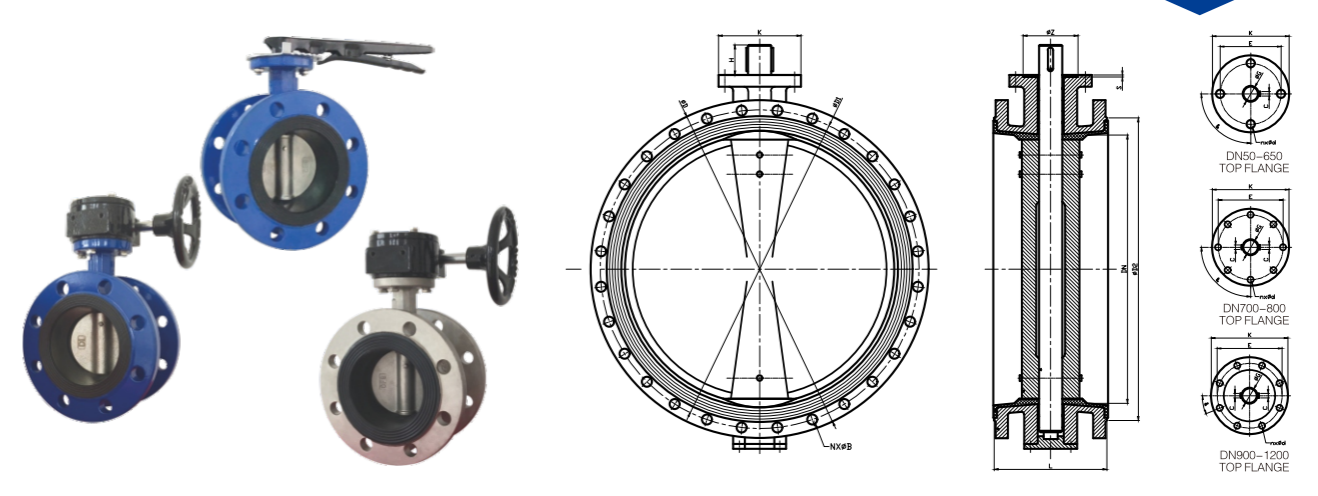
| 技术规范 Technical specification |   |
|------------------------------|---|
| 设计标准 Valve design            | GB/T12238, API 609, MSS SP-67   |
| 结构长度 Face to Face            | GB/T12221, API 609, MSS SP-67, DIN3202, BS EN558-1                    |
| 试验标准 Pressure test           | GB/T13927, API 598  |
| 连接法兰 Flange Drilling         | GB/T17241.6, ANSI B16.1 Class125, BS4504, PN10/PN16 DIN2501 PN10/PN16 |
| 上法兰 Top Flange               | 可定制为5211标准<br>It can be customized to 5211 standard                   |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| DN   | NPS   | ΦD1  |      |        | ΦD2  | N × U       |             |                   | L       | H   | K   | E   | ΦG     | C      | n × Φd  | &     |
|------|-------|------|------|--------|------|-------------|-------------|-------------------|---------|-----|-----|-----|--------|--------|---------|-------|
|      |       | PN10 | PN16 | 150LB  |      | PN10        | PN16        | 150LB             |         |     |     |     |        |        |         |       |
| 40   | 1 1/2 | 110  | 110  | 98.4   | 70   | 4 × Φ19     | 4 × Φ19     | 4 × Φ16           | 33      | 28  | 77  | 57  | Φ12.6  | 3      | 4 × Φ7  | 90°   |
| 50   | 2"    | 125  | 125  | 120.7  | 73   | 4 × Φ19     | 4 × Φ19     | 4 × Φ19           | 43      | 28  | 77  | 57  | Φ12.6  | 3      | 4 × Φ7  | 90°   |
| 65   | 2 1/2 | 145  | 145  | 139.7  | 85   | 4 × Φ19     | 4 × Φ19     | 4 × Φ19           | 46      | 28  | 77  | 57  | Φ12.6  | 3      | 4 × Φ7  | 90°   |
| 80   | 3     | 160  | 160  | 152.4  | 100  | 4(8) × Φ19  | 4(8) × Φ19  | 4 × Φ19           | 46      | 28  | 77  | 57  | Φ12.6  | 3      | 4 × Φ7  | 90°   |
| 100  | 4     | 180  | 180  | 190.5  | 131  | 4(8) × Φ19  | 4(8) × Φ19  | 4(8) × Φ19        | 52      | 32  | 92  | 70  | Φ15.77 | 5      | 4 × Φ10 | 90°   |
| 125  | 5     | 210  | 210  | 215.9  | 155  | 4(8) × Φ19  | 4(8) × Φ19  | 4(8) × Φ22        | 56      | 32  | 92  | 70  | Φ18.92 | 5      | 4 × Φ10 | 90°   |
| 150  | 6     | 240  | 240  | 241.3  | 185  | 4(8) × Φ23  | 4(8) × Φ23  | 4(8) × Φ22        | 56      | 32  | 92  | 70  | Φ18.92 | 5      | 4 × Φ10 | 90°   |
| 200  | 8     | 295  | 295  | 298.5  | 234  | 4(8) × Φ23  | 4(12) × Φ23 | 4(8) × Φ22        | 60      | 42  | 115 | 89  | Φ22.1  | 5      | 4 × Φ14 | 90°   |
| 250  | 10    | 350  | 355  | 362    | 288  | 4(12) × Φ23 | 4(12) × Φ28 | 4(12) × Φ26       | 68      | 45  | 115 | 89  | Φ28.45 | 8      | 4 × Φ14 | 90°   |
| 300  | 12    | 400  | 410  | 431.8  | 340  | 4(12) × Φ23 | 4(12) × Φ28 | 4(12) × Φ26       | 78      | 45  | 140 | 108 | Φ31.6  | 8      | 4 × Φ14 | 90°   |
| 350  | 14    | 460  | 470  | 476.3  | 371  | 4(16) × Φ23 | 4(16) × Φ28 | 4(12) × Φ29       | 78      | 45  | 140 | 108 | Φ31.6  | 8      | 4 × Φ14 | 90°   |
| 400  | 16    | 515  | 525  | 539.8  | 435  | 4(16) × Φ28 | 4(16) × Φ31 | 4(16) × Φ29       | 86/102  | 55  | 197 | 159 | Φ33.15 | 10     | 4 × Φ20 | 90°   |
| 450  | 18    | 565  | 585  | 577.9  | 486  | 4(20) × Φ28 | 4(20) × Φ31 | 4(16) × Φ32       | 104/114 | 55  | 197 | 159 | Φ37.95 | 10     | 4 × Φ20 | 90°   |
| 500  | 20    | 620  | 650  | 635    | 531  | 4(20) × Φ28 | 4(20) × Φ34 | 4(20) × Φ32       | 130/127 | 55  | 197 | 159 | Φ41.15 | 10     | 4 × Φ20 | 90°   |
| 550  | 22    | 675  | 710  | 692.1  | 600  | 4(20) × Φ31 | 4(20) × Φ34 | 4(20) × Φ35       | 150     | 55  | 197 | 159 | Φ41.15 | 10     | 4 × Φ20 | 90°   |
| 600  | 24    | 725  | 770  | 749.3  | 650  | 4(20) × Φ31 | 4(20) × Φ37 | 4(20) × Φ35       | 154     | 70  | 276 | 216 | Φ50.65 | 16     | 4 × Φ22 | 90°   |
| 650  | 26    | 780  | 790  | 806.4  | 715  | 4(24) × M27 | 4(24) × M33 | 4(24) × 1 1/4-BUN | 172     | 70  | 276 | 216 | Φ50.65 | 16     | 4 × Φ22 | 90°   |
| 700  | 28    | 840  | 840  | 863.6  | 770  | 4(24) × M27 | 4(24) × M33 | 4(28) × 1 1/4-BUN | 165     | 80  | 300 | 254 | Φ63.35 | 2 × 18 | 8 × Φ18 | 90°   |
| 750  | 30    | 900  | 900  | 914.4  | 815  | 4(24) × M30 | 4(24) × M33 | 4(28) × 1 1/4-BUN | 167     | 80  | 300 | 254 | Φ63.35 | 2 × 18 | 8 × Φ18 | 90°   |
| 800  | 32    | 950  | 950  | 977.9  | 901  | 4(24) × M30 | 4(24) × M36 | 4(28) × 1 1/2-BUN | 190     | 80  | 300 | 254 | Φ63.35 | 2 × 18 | 8 × Φ18 | 90°   |
| 900  | 36    | 1050 | 1050 | 1085.8 | 973  | 4(28) × M30 | 4(28) × M36 | 4(32) × 1 1/2-BUN | 203     | 110 | 300 | 254 | Φ75    | 2 × 20 | 8 × Φ18 | 22.5° |
| 1000 | 40    | 1160 | 1170 | 1200.2 | 1060 | 4(28) × M33 | 4(28) × M39 | 4(36) × 1 1/2-BUN | 216     | 110 | 300 | 254 | Φ85    | 2 × 22 | 8 × Φ18 | 22.5° |
| 1100 | 44    | 1270 | 1270 | 1314.4 | 1184 | 4(32) × M33 | 4(32) × M69 | 4(40) × 1 1/2-BUN | 251     | 120 | 300 | 254 | Φ95    | 2 × 25 | 8 × Φ18 | 22.5° |
| 1200 | 48    | 1380 | 1390 | 1422.4 | 1320 | 4(32) × M36 | 4(32) × M45 | 4(44) × 1 1/2-BUN | 276/254 | 150 | 350 | 298 | Φ105   | 2 × 28 | 8 × Φ22 | 22.5° |

**ØJPLS valves**

双法兰蝶阀 Double flange butterfly valve



主要零件及材料 Material of main parts

| 零件名称 Part name      | 材料 Material  |
|---------------------|--|
| 阀体 Body Materials   | 灰铁 Cast Iron, 球墨铸铁 Ductile Iron, 碳钢 WCB, 不锈钢 Stainless Steel, 铜 Bronze |
| 阀座 Seat Materials   | 丁腈 NBR, 三元乙丙 EPDM, 氟橡胶 VITON, 聚四氟乙烯 PTFE                               |
| 蝶板 Disc Materials   | 球墨铸铁 Ductile Iron, 碳钢 WCB, 304 CF8, 316 CF8M, 铝青铜 Al-bronze C958       |
| 阀轴 Stem Materials   | SS416, SS304, SS316  |
| 连接方式 End Connection | 法兰 Flange  |
| 驱动方式 Operate        | 手柄 Manual, 涡轮 Worm gear, 气动 Pneumatic, 电动 Electric-Motorized           |
| 蝶板类型 Disc type      | 有销 With-pin, 通轴无销 One stem no-pin, 双半轴 Double stem no-pi               |

设计标准 Valve design

| 技术规范 Technical specification |   |
|------------------------------|---|
| 设计标准 Valve design            | GB/T12238, API 609, MSS SP-67   |
| 结构长度 Face to Face            | GB/T12221, API 609, MSS SP-67, DIN3202, BS EN558-1                    |
| 试验标准 Pressure test           | GB/T13927, API 598  |
| 连接法兰 Flange Drilling         | GB/T17241.6, ANSI B16.1 Class125, BS4504, PN10/PN16 DIN2501 PN10/PN16 |
| 上法兰 Top Flange               | 可定制为5211标准<br>It can be customized to 5211 standard                   |

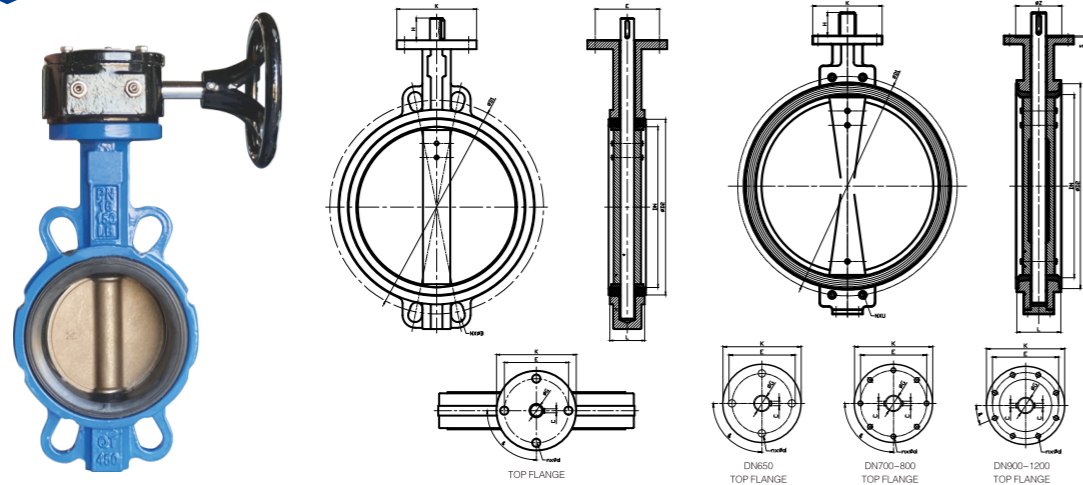
主要外形及连接尺寸 Main external and connecting dimensions(mm)

| DN   | NPS   | ΦD   |      |       | ΦD1  |      |        | ΦD2  |      |       | N × ΦB   |          |          | L   | H   | K   | E   | ΦG     | C      | n × Φd  | &     |
|------|-------|------|------|-------|------|------|--------|------|------|-------|----------|----------|----------|-----|-----|-----|-----|--------|--------|---------|-------|
|      |       | PN10 | PN16 | 150LB | PN10 | PN16 | 150LB  | PN10 | PN16 | 150LB | PN10     | PN16     | 150LB    |     |     |     |     |        |        |         |       |
| 40   | 1     | 150  | 150  | 125   | 110  | 110  | 98.4   | 84   | 84   | 13.0  | 4 × Φ19  | 4 × Φ19  | 4 × Φ16  | 106 | 28  | 77  | 57  | Φ12.6  | 3      | 4 × Φ7  | 90°   |
| 50   | 2     | 165  | 165  | 150   | 125  | 125  | 120.7  | 99   | 99   | 92.1  | 4 × Φ19  | 4 × Φ19  | 4 × Φ19  | 108 | 28  | 77  | 57  | Φ12.6  | 3      | 4 × Φ7  | 90°   |
| 65   | 2 1/2 | 185  | 185  | 180   | 145  | 145  | 139.7  | 118  | 118  | 104.8 | 4 × Φ19  | 4 × Φ19  | 4 × Φ19  | 112 | 28  | 77  | 57  | Φ12.6  | 3      | 4 × Φ7  | 90°   |
| 80   | 3     | 200  | 200  | 190   | 160  | 160  | 152.4  | 132  | 132  | 127   | 8 × Φ19  | 8 × Φ19  | 4 × Φ19  | 114 | 28  | 77  | 57  | Φ12.6  | 3      | 4 × Φ7  | 90°   |
| 100  | 4     | 220  | 220  | 230   | 180  | 180  | 190.5  | 156  | 156  | 157.2 | 8 × Φ19  | 8 × Φ19  | 8 × Φ19  | 127 | 32  | 92  | 70  | Φ15.77 | 5      | 4 × Φ10 | 90°   |
| 125  | 5     | 250  | 250  | 255   | 210  | 210  | 215.9  | 184  | 184  | 185.7 | 8 × Φ19  | 8 × Φ19  | 8 × Φ22  | 140 | 32  | 92  | 70  | Φ18.92 | 5      | 4 × Φ10 | 90°   |
| 150  | 6     | 285  | 285  | 280   | 240  | 240  | 241.3  | 211  | 211  | 215.9 | 8 × Φ23  | 8 × Φ23  | 8 × Φ22  | 140 | 32  | 92  | 70  | Φ18.92 | 5      | 4 × Φ10 | 90°   |
| 200  | 8     | 340  | 340  | 345   | 295  | 295  | 298.5  | 266  | 266  | 269.9 | 8 × Φ23  | 12 × Φ23 | 8 × Φ22  | 152 | 42  | 115 | 89  | Φ22.1  | 5      | 4 × Φ14 | 90°   |
| 250  | 10    | 395  | 405  | 405   | 350  | 355  | 362    | 319  | 319  | 323.8 | 12 × Φ23 | 12 × Φ28 | 12 × Φ26 | 165 | 45  | 115 | 89  | Φ28.45 | 8      | 4 × Φ14 | 90°   |
| 300  | 12    | 445  | 460  | 485   | 400  | 410  | 431.8  | 370  | 370  | 381   | 12 × Φ23 | 12 × Φ28 | 12 × Φ26 | 178 | 45  | 140 | 108 | Φ31.6  | 8      | 4 × Φ14 | 90°   |
| 350  | 14    | 505  | 520  | 535   | 460  | 470  | 476.3  | 429  | 429  | 412.8 | 16 × Φ23 | 16 × Φ28 | 12 × Φ29 | 190 | 45  | 140 | 108 | Φ31.6  | 8      | 4 × Φ14 | 90°   |
| 400  | 16    | 565  | 580  | 595   | 515  | 525  | 539.8  | 480  | 480  | 469.9 | 16 × Φ28 | 16 × Φ31 | 16 × Φ29 | 216 | 55  | 197 | 159 | Φ33.15 | 10     | 4 × Φ20 | 90°   |
| 450  | 18    | 615  | 640  | 635   | 565  | 585  | 577.9  | 530  | 548  | 533.4 | 20 × Φ28 | 20 × Φ31 | 16 × Φ32 | 222 | 55  | 197 | 159 | Φ37.95 | 10     | 4 × Φ20 | 90°   |
| 500  | 20    | 670  | 715  | 700   | 620  | 650  | 635    | 582  | 609  | 584.2 | 20 × Φ28 | 20 × Φ34 | 20 × Φ32 | 229 | 55  | 197 | 159 | Φ41.15 | 10     | 4 × Φ20 | 90°   |
| 550  | 22    | 730  | 775  | 750   | 675  | 710  | 692.1  | 633  | 666  | 637.1 | 20 × Φ31 | 20 × Φ34 | 20 × Φ35 | 267 | 55  | 197 | 159 | Φ41.15 | 10     | 4 × Φ20 | 90°   |
| 600  | 24    | 780  | 840  | 815   | 725  | 770  | 749.3  | 682  | 720  | 692.2 | 20 × Φ31 | 20 × Φ37 | 20 × Φ35 | 267 | 70  | 276 | 216 | Φ50.65 | 16     | 4 × Φ22 | 90°   |
| 650  | 26    | 835  | 860  | 870   | 780  | 790  | 806.4  | 736  | 743  | 749   | 24 × Φ31 | 24 × Φ37 | 24 × Φ35 | 292 | 70  | 276 | 216 | Φ50.65 | 16     | 4 × Φ22 | 90°   |
| 700  | 28    | 895  | 910  | 925   | 840  | 840  | 863.6  | 794  | 794  | 800   | 24 × Φ31 | 24 × Φ37 | 28 × Φ35 | 292 | 80  | 300 | 254 | Φ63.35 | 2 × 18 | 8 × Φ18 | 90°   |
| 750  | 30    | 965  | 970  | 985   | 900  | 900  | 914.4  | 854  | 854  | 857   | 24 × Φ34 | 24 × Φ37 | 28 × Φ35 | 308 | 80  | 300 | 254 | Φ63.35 | 2 × 18 | 8 × Φ18 | 90°   |
| 800  | 32    | 1015 | 1025 | 1060  | 950  | 950  | 977.9  | 901  | 901  | 914   | 24 × Φ34 | 24 × Φ40 | 28 × Φ42 | 318 | 80  | 300 | 254 | Φ63.35 | 2 × 18 | 8 × Φ18 | 90°   |
| 900  | 36    | 1115 | 1125 | 1170  | 1050 | 1050 | 1085.8 | 1001 | 1001 | 1022  | 28 × Φ34 | 28 × Φ40 | 32 × Φ42 | 330 | 110 | 300 | 254 | Φ75    | 2 × 20 | 8 × Φ18 | 22.5° |
| 1000 | 40    | 1230 | 1255 | 1290  | 1160 | 1170 | 1200.2 | 1112 | 1112 | 1124  | 28 × Φ37 | 28 × Φ43 | 36 × Φ42 | 410 | 110 | 300 | 254 | Φ85    | 2 × 22 | 8 × Φ18 | 22.5° |
| 1100 | 44    | 1340 | 1355 | 1405  | 1270 | 1270 | 1314.4 | 1215 | 1215 | 1245  | 32 × Φ37 | 32 × Φ43 | 40 × Φ42 | 450 | 120 | 300 | 254 | Φ95    | 2 × 25 | 8 × Φ18 | 22.5° |
| 1200 | 48    | 1455 | 1485 | 1510  | 1380 | 1390 | 1422.4 | 1328 | 1328 | 1359  | 32 × Φ40 | 32 × Φ49 | 44 × Φ42 | 470 | 150 | 350 | 298 | Φ105   | 2 × 28 | 8 × Φ22 | 22.5° |



ΦJPLS valves

脱硫蝶阀 Desulfurization butterfly valve



主要零件及材料 Material of main parts

| 零件名称 Part name      | 材料 Material   |
|---------------------|---|
| 阀体 Body Materials   | 灰铁 Cast Iron, 球墨铸铁 Ductile Iron, 碳钢 WCB, 不锈钢 Stainless Steel, 铜 Bronze            |
| 阀座 Seat Materials   | 脱硫乙丙橡胶 Desulphurized ethylene propylene rubber, 聚四氟乙烯 Teflon, 氟橡胶 Fluorine rubber |
| 蝶板 Disc Materials   | 2205, 2507, 1.4469, 1.4529等<br>2205, 2507, 1.4469, 1.4529 Etc                     |
| 阀轴 Stem Materials   | SS416, SS304, SS316   |
| 连接方式 End Connection | 对夹 Wafer  |
| 驱动方式 Operate        | 手柄 Manual, 涡轮 Worm gear, 气动 Pneumatic, 电动 Electric-Motorized                      |
| 蝶板类型 Disc type      | 通轴无销 One stem no-pin, 双半轴 Double stem no-pi                                       |

设计标准 Valve design

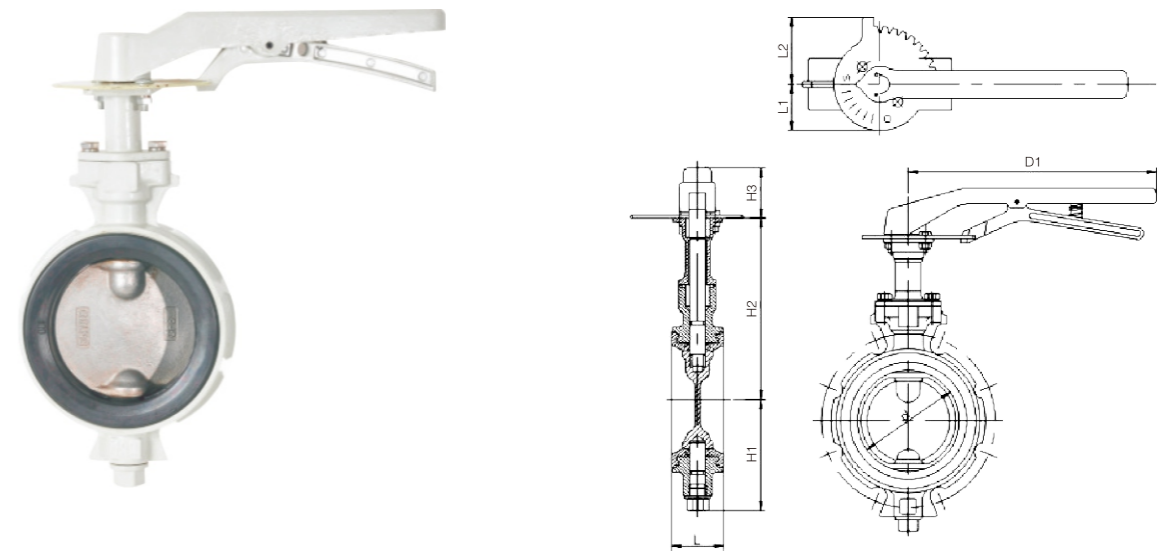
| 技术规范 Technical specification |   |
|------------------------------|---|
| 设计标准 Valve design            | GB/T12238, API 609, MSS SP-67   |
| 结构长度 Face to Face            | GB/T12221, API 609, MSS SP-67, DIN3202, BS EN558-1                      |
| 试验标准 Pressure test           | GB/T13927, API 598  |
| 连接法兰 Flange Drilling         | GB/T17241.6, ANSI B16.1 Class125, BS4504, PN10/PN16, DIN2501, PN10/PN16 |
| 上法兰 Top Flange               | 可定制为5211标准<br>It can be customized to 5211 standard                     |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| DN   | NPS    | ΦD1  |      |        | ΦD2  | N × U       |             |                    | L       | H   | K   | E   | ΦG     | C      | n × Φd  | &     |
|------|--------|------|------|--------|------|-------------|-------------|--------------------|---------|-----|-----|-----|--------|--------|---------|-------|
|      |        | PN10 | PN16 | 150LB  |      | PN10        | PN16        | 150LB              |         |     |     |     |        |        |         |       |
| 40   | 1 1/2" | 110  | 110  | 98.4   | 70   | 4 × Φ19     | 4 × Φ19     | 4 × Φ16            | 33      | 28  | 77  | 57  | Φ12.6  | 3      | 4 × Φ7  | 90°   |
| 50   | 2"     | 125  | 125  | 120.7  | 73   | 4 × Φ19     | 4 × Φ19     | 4 × Φ19            | 43      | 28  | 77  | 57  | Φ12.6  | 3      | 4 × Φ7  | 90°   |
| 65   | 2 1/2" | 145  | 145  | 139.7  | 85   | 4 × Φ19     | 4 × Φ19     | 4 × Φ19            | 46      | 28  | 77  | 57  | Φ12.6  | 3      | 4 × Φ7  | 90°   |
| 80   | 3"     | 160  | 160  | 152.4  | 100  | 4(8) × Φ19  | 4(8) × Φ19  | 4 × Φ19            | 46      | 28  | 77  | 57  | Φ12.6  | 3      | 4 × Φ7  | 90°   |
| 100  | 4"     | 180  | 180  | 190.5  | 131  | 4(8) × Φ19  | 4(8) × Φ19  | 4(8) × Φ19         | 52      | 32  | 92  | 70  | Φ15.77 | 5      | 4 × Φ10 | 90°   |
| 125  | 5"     | 210  | 210  | 215.9  | 155  | 4(8) × Φ19  | 4(8) × Φ19  | 4(8) × Φ22         | 56      | 32  | 92  | 70  | Φ18.92 | 5      | 4 × Φ10 | 90°   |
| 150  | 6"     | 240  | 240  | 241.3  | 185  | 4(8) × Φ23  | 4(8) × Φ23  | 4(8) × Φ22         | 56      | 32  | 92  | 70  | Φ18.92 | 5      | 4 × Φ10 | 90°   |
| 200  | 8"     | 295  | 295  | 298.5  | 234  | 4(8) × Φ23  | 4(12) × Φ23 | 4(8) × Φ22         | 60      | 42  | 115 | 89  | Φ22.1  | 5      | 4 × Φ14 | 90°   |
| 250  | 10"    | 350  | 355  | 362    | 288  | 4(12) × Φ23 | 4(12) × Φ28 | 4(12) × Φ26        | 68      | 45  | 115 | 89  | Φ28.45 | 8      | 4 × Φ14 | 90°   |
| 300  | 12"    | 400  | 410  | 431.8  | 340  | 4(12) × Φ23 | 4(12) × Φ28 | 4(12) × Φ26        | 78      | 45  | 140 | 108 | Φ31.6  | 8      | 4 × Φ14 | 90°   |
| 350  | 14"    | 460  | 470  | 476.3  | 371  | 4(16) × Φ23 | 4(16) × Φ28 | 4(12) × Φ29        | 78      | 45  | 140 | 108 | Φ31.6  | 8      | 4 × Φ14 | 90°   |
| 400  | 16"    | 515  | 525  | 539.8  | 435  | 4(16) × Φ28 | 4(16) × Φ31 | 4(16) × Φ29        | 86/102  | 55  | 197 | 159 | Φ33.15 | 10     | 4 × Φ20 | 90°   |
| 450  | 18"    | 565  | 585  | 577.9  | 486  | 4(20) × Φ28 | 4(20) × Φ31 | 4(16) × Φ32        | 104/114 | 55  | 197 | 159 | Φ37.95 | 10     | 4 × Φ20 | 90°   |
| 500  | 20"    | 620  | 650  | 635    | 531  | 4(20) × Φ28 | 4(20) × Φ34 | 4(20) × Φ32        | 130/127 | 55  | 197 | 159 | Φ41.15 | 10     | 4 × Φ20 | 90°   |
| 550  | 22"    | 675  | 710  | 692.1  | 600  | 4(20) × Φ31 | 4(20) × Φ34 | 4(20) × Φ35        | 150     | 55  | 197 | 159 | Φ41.15 | 10     | 4 × Φ20 | 90°   |
| 600  | 24"    | 725  | 770  | 749.3  | 650  | 4(20) × Φ31 | 4(20) × Φ37 | 4(20) × Φ35        | 154     | 70  | 276 | 216 | Φ50.65 | 16     | 4 × Φ22 | 90°   |
| 650  | 26"    | 780  | 790  | 806.4  | 715  | 4(24) × M27 | 4(24) × M33 | 4(24) × 1 1/4"-8UN | 172     | 70  | 276 | 216 | Φ50.65 | 16     | 4 × Φ22 | 90°   |
| 700  | 28"    | 840  | 840  | 863.6  | 770  | 4(24) × M27 | 4(24) × M33 | 4(28) × 1 1/4"-8UN | 165     | 80  | 300 | 254 | Φ63.35 | 2 × 18 | 8 × Φ18 | 90°   |
| 750  | 30"    | 900  | 900  | 914.4  | 815  | 4(24) × M30 | 4(24) × M33 | 4(28) × 1 1/4"-8UN | 167     | 80  | 300 | 254 | Φ63.35 | 2 × 18 | 8 × Φ18 | 90°   |
| 800  | 32"    | 950  | 950  | 977.9  | 901  | 4(24) × M30 | 4(24) × M36 | 4(28) × 1 1/2"-8UN | 190     | 80  | 300 | 254 | Φ63.35 | 2 × 18 | 8 × Φ18 | 90°   |
| 900  | 36"    | 1050 | 1050 | 1085.8 | 973  | 4(28) × M30 | 4(28) × M36 | 4(32) × 1 1/2"-8UN | 203     | 110 | 300 | 254 | Φ75    | 2 × 20 | 8 × Φ18 | 22.5° |
| 1000 | 40"    | 1160 | 1170 | 1200.2 | 1060 |             |             | 4(36) × 1 1/2"-8UN |         |     |     |     |        |        |         |       |
| 1100 | 44"    | 1270 | 1270 | 1314.4 | 1184 | 4(32) × M33 | 4(32) × M69 | 4(40) × 1 1/2"-8UN | 251     | 120 | 300 | 254 | Φ95    | 2 × 25 | 8 × Φ18 | 22.5° |
| 1200 | 48"    | 1380 | 1390 | 1422.4 | 1320 |             |             | 4(44) × 1 1/2"-8UN |         |     |     |     |        |        |         |       |

ΦJPLS valves

防结露蝶阀 Anti-condensation butterfly valve



主要外形及连接尺寸 Main external and connecting dimensions(mm)

| Size   |     | d   | L  | H1  | H2  | H3     | L1     | L2     | D1     |
|--------|-----|-----|----|-----|-----|--------|--------|--------|--------|
| inch   | mm  |     |    |     |     |        |        |        |        |
| 1 1/2" | 40  | 42  | 33 | 70  | 145 | 1 1/2" | 1 1/2" | 1 1/2" | 1 1/2" |
| 2"     | 50  | 52  | 43 | 82  | 145 | 2"     | 2"     | 2"     | 2"     |
| 2 1/2" | 65  | 67  | 46 | 90  | 157 | 2 1/2" | 2 1/2" | 2 1/2" | 2 1/2" |
| 3"     | 80  | 80  | 46 | 99  | 165 | 3"     | 3"     | 3"     | 3"     |
| 4"     | 100 | 102 | 52 | 112 | 183 | 4"     | 4"     | 4"     | 4"     |
| 5"     | 125 | 126 | 56 | 132 | 196 | 5"     | 5"     | 5"     | 5"     |
| 6"     | 150 | 150 | 56 | 146 | 214 | 6"     | 6"     | 6"     | 6"     |



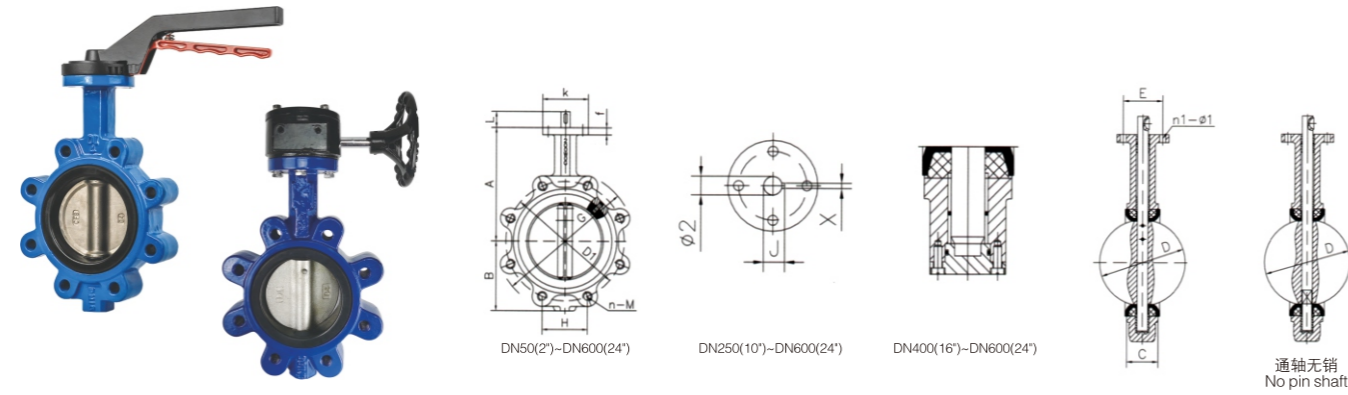
主要外形及连接尺寸 Main external and connecting dimensions(mm)

| Size   |     | d   | L  | H1  | H2  | H3  | L1 | L2 | L3 | S   | D1  |
|--------|-----|-----|----|-----|-----|-----|----|----|----|-----|-----|
| inch   | mm  |     |    |     |     |     |    |    |    |     |     |
| 1 1/2" | 40  | 42  | 33 | 70  | 145 | 168 |    |    |    |     |     |
| 2"     | 50  | 52  | 43 | 82  | 145 | 168 |    |    |    |     |     |
| 2 1/2" | 65  | 67  | 46 | 90  | 157 | 180 | 35 | 35 | 56 | 132 | 100 |
| 3"     | 80  | 80  | 46 | 99  | 165 | 188 |    |    |    |     |     |
| 4"     | 100 | 102 | 52 | 112 | 183 | 206 | 41 | 39 | 68 |     |     |
| 5"     | 125 | 126 | 56 | 132 | 196 | 220 |    |    |    |     |     |
| 6"     | 150 | 150 | 56 | 146 | 214 | 238 | 58 | 48 | 89 | 149 | 140 |
| 8"     | 200 | 199 | 60 | 188 | 241 | 272 |    |    |    |     |     |
| 10"    | 250 | 248 | 68 | 220 | 320 | 367 | 67 | 61 | 97 | 178 | 200 |
| 12"    | 300 | 297 | 78 | 255 | 355 | 402 |    | 63 |    |     |     |



**ØJPLS valves**

凸耳式对夹蝶阀 Lug type wafer butterfly valve



主要零件及材料 Material of main parts

| 零件名称 Part name      | 材料 Material  |
|---------------------|--|
| 阀体 Body Materials   | 灰铁 Cast Iron, 球墨铸铁 Ductile Iron, 碳钢 WCB, 不锈钢 Stainless Steel, 铜 Bronze |
| 阀座 Seat Materials   | 丁腈 NBR, 三元乙丙 EPDM, 氟橡胶 VITON, 聚四氟乙烯 PTFE                               |
| 蝶板 Disc Materials   | 球墨铸铁 Ductile Iron, 碳钢 WCB, 304 CF8, 316 CF8M, 铝青铜 Al-bronze C958       |
| 阀轴 Stem Materials   | SS416, SS304, SS316  |
| 连接方式 End Connection | 凸耳 Lug   |
| 驱动方式 Operate        | 手柄 Manual, 涡轮 Worm gear, 气动 Pneumatic, 电动 Electric-Motorized           |
| 蝶板类型 Disc type      | 有销 With-pin, 通轴无销 One stem no-pin, 双半轴 Double stem no-pi               |

设计标准 Valve design

| 技术规范 Technical specification |   |
|------------------------------|---|
| 设计标准 Valve design            | GB/T12238, API 609, MSS SP-67   |
| 结构长度 Face to Face            | GB/T12221, API 609, MSS SP-67, DIN3202, BS EN558-1                      |
| 试验标准 Pressure test           | GB/T13927, API 598  |
| 连接法兰 Flange Drilling         | GB/T17241.6, ANSI B16.1 Class125, BS4504, PN10/PN16, DIN2501, PN10/PN16 |
| 上法兰 Top Flange               | 可定制为5211标准<br>It can be customized to 5211 standard                     |

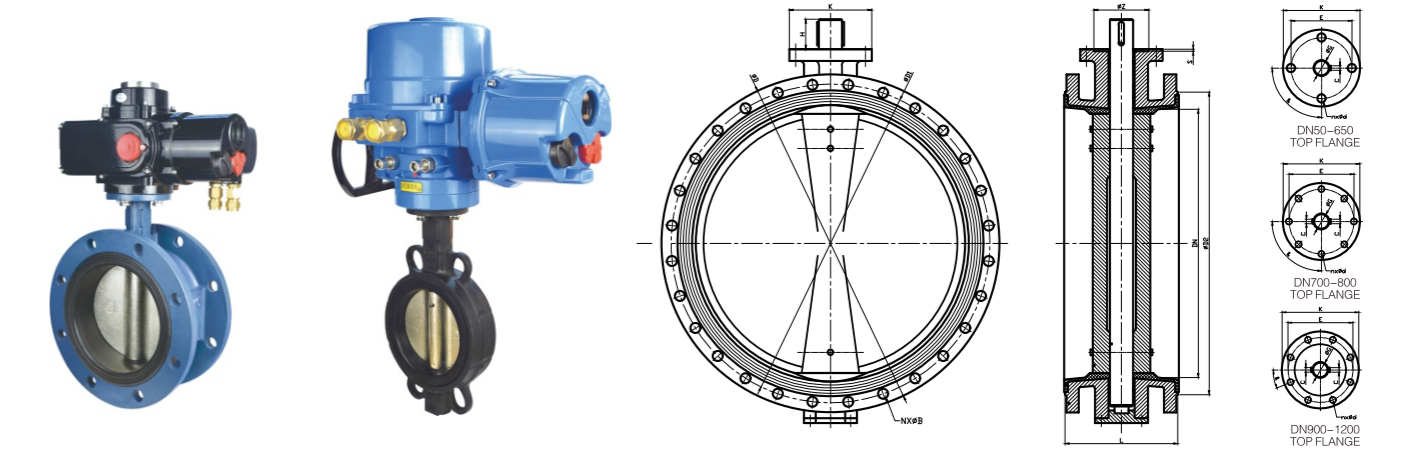
主要外形及连接尺寸 Main external and connecting dimensions(mm)

PN1.0/1.6MPa (150/200PSI)

| Size |        | A   | B   | C      | D     | L  | H      | D1     | n-M    | K      | E      | n1-Φ1  | Φ2     | G     | J     | X     | f  |        |        |     |        |
|------|--------|-----|-----|--------|-------|----|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|----|--------|--------|-----|--------|
| mm   | inch   |     |     |        |       |    |        |        |        |        |        |        |        |       |       |       |    |        |        |     |        |
| 50   | 2"     | 161 | 80  | 43     | 52.9  | 32 | 88.38  | 125    | 4-M16  | 77     | 57.15  | 4-6.7  | 12.6   | 155   | 13.8  | 3     | 13 |        |        |     |        |
| 65   | 2 1/2" | 175 | 89  | 46     | 64.5  | 32 | 102.54 | 145    | 4-M16  | 77     | 57.15  | 4-6.7  | 12.6   | 179   | 13.8  | 3     | 13 |        |        |     |        |
| 80   | 3"     | 181 | 95  | 45.21  | 78.8  | 32 | 61.23  | 160    | 8-M16  | 77     | 57.15  | 4-6.7  | 12.6   | 190   | 13.8  | 3     | 13 |        |        |     |        |
| 100  | 4"     | 200 | 114 | 52.07  | 104   | 32 | 68.88  | 180    | 8-M16  | 92     | 69.85  | 4-10.3 | 15.77  | 220   | 17.77 | 5     | 13 |        |        |     |        |
| 125  | 5"     | 213 | 127 | 55.5   | 123.3 | 32 | 80.36  | 210    | 8-M16  | 92     | 69.85  | 4-10.3 | 18.92  | 254   | 20.92 | 5     | 13 |        |        |     |        |
| 150  | 6"     | 226 | 139 | 55.75  | 155.6 | 32 | 91.84  | 240    | 8-M20  | 92     | 69.85  | 4-10.3 | 18.92  | 285   | 20.92 | 5     | 13 |        |        |     |        |
| 200  | 8"     | 260 | 175 | 60.58  | 202.5 | 45 | 112.89 | 295    | 8-M20  | 115    | 88.9   | 4-14.3 | 22.1   | 339   | 24.1  | 5     | 13 |        |        |     |        |
|      |        |     |     |        |       |    | 76.35  |        |        |        |        |        |        |       |       |       |    | 12-M20 |        |     |        |
| 250  | 10"    | 292 | 203 | 68     | 250.5 | 45 | 90.59  | 350    | 12-M20 | 115    | 88.9   | 4-14.3 | 28.45  | 406   | 31.45 | 8     | 13 |        |        |     |        |
|      |        |     |     |        |       |    | 91.88  |        |        |        |        |        |        |       |       |       |    | 355    | 12-M24 |     |        |
|      |        |     |     |        |       |    | 103.52 |        |        |        |        |        |        |       |       |       |    | 400    | 12-M20 |     |        |
| 300  | 12"    | 337 | 242 | 76.9   | 301.6 | 45 | 106.12 | 410    | 12-M24 | 140    | 107.95 | 4-14.3 | 31.6   | 477   | 34.6  | 8     | 20 |        |        |     |        |
|      |        |     |     |        |       |    | 89.74  |        |        |        |        |        |        |       |       |       |    | 460    | 16-M20 |     |        |
|      |        |     |     |        |       |    | 91.69  |        |        |        |        |        |        |       |       |       |    | 470    | 16-M24 |     |        |
| 350  | 14"    | 386 | 267 | 76.5   | 333.3 | 45 | 51.2   | 100.48 | 515    | 16-M24 | 197    | 158.75 | 4-20.6 | 33.15 | 579   | 36.15 | 10 | 20     |        |     |        |
|      |        |     |     |        |       |    | 72     |        |        |        |        |        |        |       |       |       |    |        | 102.42 | 525 | 16-M27 |
| 400  | 16"    | 400 | 325 | 85.7   | 389.6 | 45 | 51.2   | 88.38  | 565    | 20-M24 | 197    | 158.75 | 4-20.6 | 37.95 | 627   | 41    | 10 | 20     |        |     |        |
|      |        |     |     |        |       |    | 72     |        |        |        |        |        |        |       |       |       |    |        | 91.51  | 858 | 20-M27 |
|      |        |     |     |        |       |    | 57     |        |        |        |        |        |        |       |       |       |    |        | 96.99  | 620 | 20-M24 |
| 450  | 18"    | 422 | 345 | 104.6  | 440.5 | 45 | 82     | 101.68 | 650    | 20-M30 | 197    | 158.75 | 4-20.6 | 41.15 | 696   | 44.15 | 10 | 22     |        |     |        |
|      |        |     |     |        |       |    | 57     |        |        |        |        |        |        |       |       |       |    |        | 96.99  | 620 | 20-M24 |
|      |        |     |     |        |       |    | 82     |        |        |        |        |        |        |       |       |       |    |        | 101.68 | 650 | 20-M30 |
| 500  | 20"    | 480 | 378 | 130.26 | 491.6 | 45 | 70.2   | 113.42 | 725    | 20-M27 | 197    | 158.75 | 4-20.6 | 41.15 | 696   | 44.15 | 10 | 22     |        |     |        |
|      |        |     |     |        |       |    | 72     |        |        |        |        |        |        |       |       |       |    |        | 113.42 | 770 | 20-M33 |
|      |        |     |     |        |       |    | 82     |        |        |        |        |        |        |       |       |       |    |        | 113.42 | 770 | 20-M33 |
| 600  | 24"    | 562 | 475 | 151.36 | 592.5 | 45 | 70.2   | 113.42 | 725    | 20-M27 | 276    | 215.9  | 4-22.2 | 50.65 | 821   | 54.65 | 16 | 22     |        |     |        |

**ØJPLS valves**

双法兰电动软密封蝶阀 Double flange electric soft seal butterfly valve



主要零件及材料 Material of main parts

| NO. | 零件名称 Part name | 材料 Material  |
|-----|----------------|--|
| 1   | 阀体 Body        | 灰铁 Cast Iron, 球墨铸铁 Ductile Iron, 碳钢 WCB, 不锈钢 Stainless Steel, 铜 Bronze |
| 2   | 衬套 Bushing     | PTFE   |
| 3   | 阀座 Seat        | EPDM, NBR  |
| 4   | 阀杆 Stem        | SS416, SS304, SS316  |
| 5   | 蝶板 Disc        | Ductile Iron, WCB, 304, 316, C95800, 2501                              |
| 6   | 销子 Pin         | 416, 304, 316  |
| 7   | 衬套 Bushing     | PTFE   |
| 8   | O型圈 O-ring     | NBR  |

设计标准 Valve design

| 技术规范 Technical specification |   |
|------------------------------|---|
| 设计标准 Valve design            | GB/T12238, BS 5155, EN593, API 609, MSS SP-67                           |
| 结构长度 Face to Face            | GB/T12221, BS EN558-1, API 609, MSS SP-67, DIN 3202                     |
| 试验标准 Pressure test           | GB/T13927, BS 6755/EN12266, API 598                                     |
| 连接法兰 Flange Drilling         | GB/T17241.6, BS4504, PN10/PN16, ANSI B16.1 Class125, DIN2501, PN10/PN16 |
| 上法兰 Top Flange               | 可定制为5211标准<br>It can be customized to 5211 standard                     |

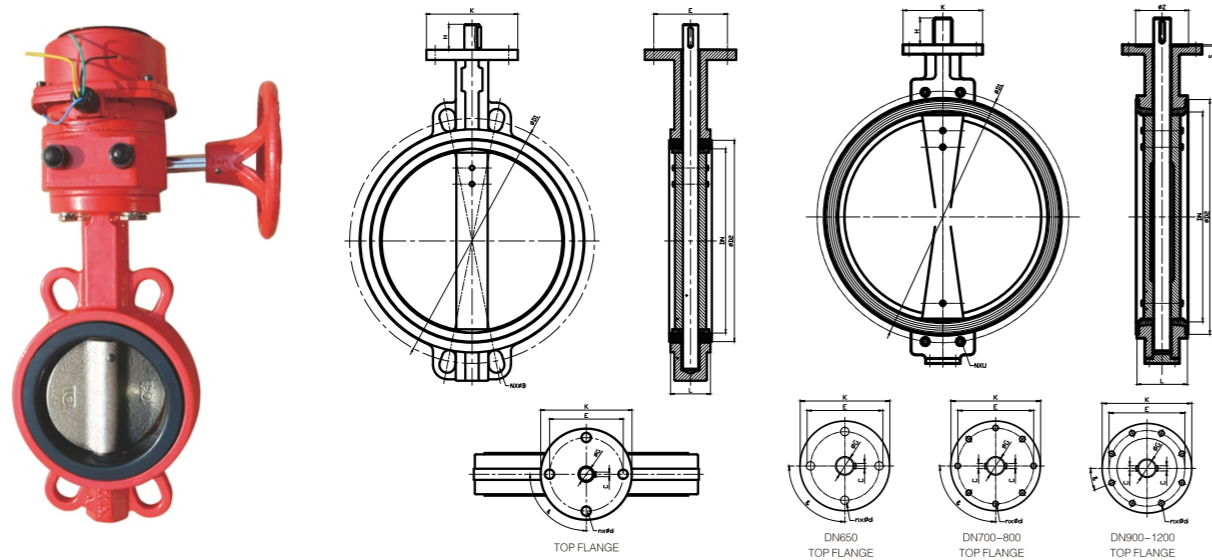
主要外形及连接尺寸 Main external and connecting dimensions(mm)

| DN   | NPS   | ΦD   |      |       | ΦD1  |      |        | ΦD2  |      |       | n × ΦB   |          |          | L   | H   | K   | E   | ΦG     | C      | n × Φd  | α     |
|------|-------|------|------|-------|------|------|--------|------|------|-------|----------|----------|----------|-----|-----|-----|-----|--------|--------|---------|-------|
|      |       | PN10 | PN16 | 150LB | PN10 | PN16 | 150LB  | PN10 | PN16 | 150LB | PN10     | PN16     | 150LB    |     |     |     |     |        |        |         |       |
| 40   | 1     | 150  | 150  | 125   | 110  | 110  | 98.4   | 84   | 84   | 13.0  | 4 × Φ19  | 4 × Φ19  | 4 × Φ16  | 106 | 28  | 77  | 57  | Φ12.6  | 3      | 4 × Φ7  | 90°   |
| 50   | 2     | 165  | 165  | 150   | 125  | 125  | 120.7  | 99   | 99   | 92.1  | 4 × Φ19  | 4 × Φ19  | 4 × Φ19  | 108 | 28  | 77  | 57  | Φ12.6  | 3      | 4 × Φ7  | 90°   |
| 65   | 2 1/2 | 185  | 185  | 180   | 145  | 145  | 139.7  | 118  | 118  | 104.8 | 4 × Φ19  | 4 × Φ19  | 4 × Φ19  | 112 | 28  | 77  | 57  | Φ12.6  | 3      | 4 × Φ7  | 90°   |
| 80   | 3     | 200  | 200  | 190   | 160  | 160  | 152.4  | 132  | 132  | 127   | 8 × Φ19  | 8 × Φ19  | 4 × Φ19  | 114 | 28  | 77  | 57  | Φ12.6  | 3      | 4 × Φ7  | 90°   |
| 100  | 4     | 220  | 220  | 230   | 180  | 180  | 190.5  | 156  | 156  | 157.2 | 8 × Φ19  | 8 × Φ19  | 8 × Φ19  | 127 | 32  | 92  | 70  | Φ15.77 | 5      | 4 × Φ10 | 90°   |
| 125  | 5     | 250  | 250  | 255   | 210  | 210  | 215.9  | 184  | 184  | 185.7 | 8 × Φ19  | 8 × Φ19  | 8 × Φ22  | 140 | 32  | 92  | 70  | Φ18.92 | 5      | 4 × Φ10 | 90°   |
| 150  | 6     | 285  | 285  | 280   | 240  | 240  | 241.3  | 211  | 211  | 215.9 | 8 × Φ23  | 8 × Φ23  | 8 × Φ22  | 140 | 32  | 92  | 70  | Φ18.92 | 5      | 4 × Φ10 | 90°   |
| 200  | 8     | 340  | 340  | 345   | 295  | 295  | 298.5  | 266  | 266  | 269.9 | 8 × Φ23  | 12 × Φ23 | 8 × Φ22  | 152 | 42  | 115 | 89  | Φ22.1  | 5      | 4 × Φ14 | 90°   |
| 250  | 10    | 395  | 405  | 405   | 350  | 355  | 362    | 319  | 319  | 323.8 | 12 × Φ23 | 12 × Φ28 | 12 × Φ26 | 165 | 45  | 115 | 89  | Φ28.45 | 8      | 4 × Φ14 | 90°   |
| 300  | 12    | 445  | 460  | 485   | 400  | 410  | 431.8  | 370  | 370  | 381   | 12 × Φ23 | 12 × Φ28 | 12 × Φ26 | 178 | 45  | 140 | 108 | Φ31.6  | 8      | 4 × Φ14 | 90°   |
| 350  | 14    | 505  | 520  | 535   | 460  | 470  | 476.3  | 429  | 429  | 412.8 | 16 × Φ23 | 16 × Φ28 | 12 × Φ29 | 190 | 45  | 140 | 108 | Φ31.6  | 8      | 4 × Φ14 | 90°   |
| 400  | 16    | 565  | 580  | 595   | 515  | 525  | 539.8  | 480  | 480  | 469.9 | 16 × Φ28 | 16 × Φ31 | 16 × Φ29 | 216 | 55  | 197 | 159 | Φ33.15 | 10     | 4 × Φ20 | 90°   |
| 450  | 18    | 615  | 640  | 635   | 565  | 585  | 577.9  | 530  | 548  | 533.4 | 20 × Φ28 | 20 × Φ31 | 16 × Φ32 | 222 | 55  | 197 | 159 | Φ37.95 | 10     | 4 × Φ20 | 90°   |
| 500  | 20    | 670  | 715  | 700   | 620  | 650  | 635    | 582  | 609  | 584.2 | 20 × Φ28 | 20 × Φ34 | 20 × Φ32 | 229 | 55  | 197 | 159 | Φ41.15 | 10     | 4 × Φ20 | 90°   |
| 550  | 22    | 730  | 775  | 750   | 675  | 710  | 692.1  | 633  | 666  | 637.1 | 20 × Φ31 | 20 × Φ34 | 20 × Φ35 | 267 | 55  | 197 | 159 | Φ41.15 | 10     | 4 × Φ20 | 90°   |
| 600  | 24    | 780  | 840  | 815   | 725  | 770  | 749.3  | 682  | 720  | 692.2 | 20 × Φ31 | 20 × Φ37 | 20 × Φ35 | 267 | 70  | 276 | 216 | Φ50.65 | 16     | 4 × Φ22 | 90°   |
| 650  | 26    | 835  | 860  | 870   | 780  | 790  | 806.4  | 736  | 743  | 749   | 24 × Φ31 | 24 × Φ37 | 24 × Φ35 | 292 | 70  | 276 | 216 | Φ50.65 | 16     | 4 × Φ22 | 90°   |
| 700  | 28    | 895  | 910  | 925   | 840  | 840  | 863.6  | 794  | 794  | 800   | 24 × Φ31 | 24 × Φ37 | 28 × Φ35 | 292 | 80  | 300 | 254 | Φ63.35 | 2 × 18 | 8 × Φ18 | 90°   |
| 750  | 30    | 965  | 970  | 985   | 900  | 900  | 914.4  | 854  | 854  | 857   | 24 × Φ34 | 24 × Φ37 | 28 × Φ35 | 308 | 80  | 300 | 254 | Φ63.35 | 2 × 18 | 8 × Φ18 | 90°   |
| 800  | 32    | 1015 | 1025 | 1060  | 950  | 950  | 977.9  | 901  | 901  | 914   | 24 × Φ34 | 24 × Φ40 | 28 × Φ42 | 318 | 80  | 300 | 254 | Φ63.35 | 2 × 18 | 8 × Φ18 | 90°   |
| 900  | 36    | 1115 | 1125 | 1170  | 1050 | 1050 | 1085.8 | 1001 | 1001 | 1022  | 28 × Φ34 | 28 × Φ40 | 32 × Φ42 | 330 | 110 | 300 | 254 | Φ75    | 2 × 20 | 8 × Φ18 | 22.5° |
|      |       |      |      |       |      |      |        |      |      |       |          |          |          |     |     |     |     |        |        |         |       |
| 1100 | 44    | 1340 | 1355 | 1405  | 1270 | 1270 | 1314.4 | 1215 | 1215 | 1245  | 32 × Φ37 | 32 × Φ43 | 40 × Φ42 | 450 | 120 | 300 | 254 | Φ95    | 2 × 25 | 8 × Φ18 | 22.5° |
|      |       |      |      |       |      |      |        |      |      |       |          |          |          |     |     |     |     |        |        |         |       |



**ΦJPLS valves**

消防信号蝶阀 Fire signal butterfly valve



主要零件及材料 Material of main parts

| 零件名称 Part name | 材料 Material                                  |
|----------------|--|
| 阀体 Body        | 球铁、铸钢 Ductile iron, Cast steel               |
| 阀轴 Shaft       | SUS410/SUS316                                |
| 蝶板 Plate       | 球铁喷塑、不锈钢 Ductile iron spray, Stainless steel |
| 阀座 Seat        | EPDM, PTEE                                   |
| 衬套 Bushing     | 青铜, 聚四氟乙烯 Bronze, teflon                     |

衬氟蝶阀标准 PTFE-Lined Butterfly Valve Standard

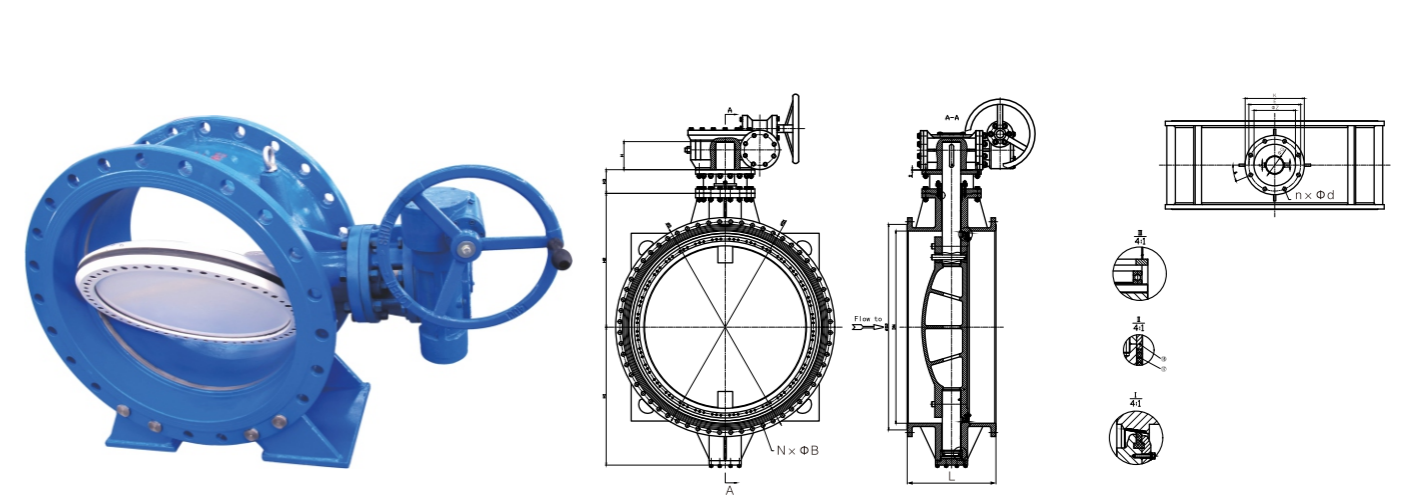
| 技术规范 Technical specification |   |
|------------------------------|---|
| 设计标准 Design standard         | GB/T 12238                                    |
| 结构长度 Structure length        | GB12221                                       |
| 法兰标准 Flange standard         | GB/T17241.6, JB/T 79-94 GB9113.1-26           |
| 检验试验 Inspection and test     | GB/T 13927                                    |
| 驱动方式 Drive mode              | 蜗轮 Worm、手动 Manual<br>电动 Electric、气动 Pneumatic |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| DN   | NPS   | ΦD1  |      |        | ΦD2  | N × U       |             |                   | L       | H   | K   | E   | ΦG     | C      | n × Φd  | &     |
|------|-------|------|------|--------|------|-------------|-------------|-------------------|---------|-----|-----|-----|--------|--------|---------|-------|
|      |       | PN10 | PN16 | 150LB  |      | PN10        | PN16        | 150LB             |         |     |     |     |        |        |         |       |
| 40   | 1 1/2 | 110  | 110  | 98.4   | 70   | 4 × Φ19     | 4 × Φ19     | 4 × Φ16           | 33      | 28  | 77  | 57  | Φ12.6  | 3      | 4 × Φ7  | 90°   |
| 50   | 2"    | 125  | 125  | 120.7  | 73   | 4 × Φ19     | 4 × Φ19     | 4 × Φ19           | 43      | 28  | 77  | 57  | Φ12.6  | 3      | 4 × Φ7  | 90°   |
| 65   | 2 1/2 | 145  | 145  | 139.7  | 85   | 4 × Φ19     | 4 × Φ19     | 4 × Φ19           | 46      | 28  | 77  | 57  | Φ12.6  | 3      | 4 × Φ7  | 90°   |
| 80   | 3     | 160  | 160  | 152.4  | 100  | 4(8) × Φ19  | 4(8) × Φ19  | 4 × Φ19           | 46      | 28  | 77  | 57  | Φ12.6  | 3      | 4 × Φ7  | 90°   |
| 100  | 4     | 180  | 180  | 190.5  | 131  | 4(8) × Φ19  | 4(8) × Φ19  | 4(8) × Φ19        | 52      | 32  | 92  | 70  | Φ15.77 | 5      | 4 × Φ10 | 90°   |
| 125  | 5     | 210  | 210  | 215.9  | 155  | 4(8) × Φ19  | 4(8) × Φ19  | 4(8) × Φ22        | 56      | 32  | 92  | 70  | Φ18.92 | 5      | 4 × Φ10 | 90°   |
| 150  | 6     | 240  | 240  | 241.3  | 185  | 4(8) × Φ23  | 4(8) × Φ23  | 4(8) × Φ22        | 56      | 32  | 92  | 70  | Φ18.92 | 5      | 4 × Φ10 | 90°   |
| 200  | 8     | 295  | 295  | 298.5  | 234  | 4(8) × Φ23  | 4(12) × Φ23 | 4(8) × Φ22        | 60      | 42  | 115 | 89  | Φ22.1  | 5      | 4 × Φ14 | 90°   |
| 250  | 10    | 350  | 355  | 362    | 288  | 4(12) × Φ23 | 4(12) × Φ28 | 4(12) × Φ26       | 68      | 45  | 115 | 89  | Φ28.45 | 8      | 4 × Φ14 | 90°   |
| 300  | 12    | 400  | 410  | 431.8  | 340  | 4(12) × Φ23 | 4(12) × Φ28 | 4(12) × Φ26       | 78      | 45  | 140 | 108 | Φ31.6  | 8      | 4 × Φ14 | 90°   |
| 350  | 14    | 460  | 470  | 476.3  | 371  | 4(16) × Φ23 | 4(16) × Φ28 | 4(12) × Φ29       | 78      | 45  | 140 | 108 | Φ31.6  | 8      | 4 × Φ14 | 90°   |
| 400  | 16    | 515  | 525  | 539.8  | 435  | 4(16) × Φ28 | 4(16) × Φ31 | 4(16) × Φ29       | 86/102  | 55  | 197 | 159 | Φ33.15 | 10     | 4 × Φ20 | 90°   |
| 450  | 18    | 565  | 585  | 577.9  | 486  | 4(20) × Φ28 | 4(20) × Φ31 | 4(16) × Φ32       | 104/114 | 55  | 197 | 159 | Φ37.95 | 10     | 4 × Φ20 | 90°   |
| 500  | 20    | 620  | 650  | 635    | 531  | 4(20) × Φ28 | 4(20) × Φ34 | 4(20) × Φ32       | 130/127 | 55  | 197 | 159 | Φ41.15 | 10     | 4 × Φ20 | 90°   |
| 550  | 22    | 675  | 710  | 692.1  | 600  | 4(20) × Φ31 | 4(20) × Φ34 | 4(20) × Φ35       | 150     | 55  | 197 | 159 | Φ41.15 | 10     | 4 × Φ20 | 90°   |
| 600  | 24    | 725  | 770  | 749.3  | 650  | 4(20) × Φ31 | 4(20) × Φ37 | 4(20) × Φ35       | 154     | 70  | 276 | 216 | Φ50.65 | 16     | 4 × Φ22 | 90°   |
| 650  | 26    | 780  | 790  | 806.4  | 715  | 4(24) × M27 | 4(24) × M33 | 4(24) × 1 1/4-8UN | 172     | 70  | 276 | 216 | Φ50.65 | 16     | 4 × Φ22 | 90°   |
| 700  | 28    | 840  | 840  | 863.6  | 770  | 4(24) × M27 | 4(24) × M33 | 4(28) × 1 1/4-8UN | 165     | 80  | 300 | 254 | Φ63.35 | 2 × 18 | 8 × Φ18 | 90°   |
| 750  | 30    | 900  | 900  | 914.4  | 815  | 4(24) × M30 | 4(24) × M33 | 4(28) × 1 1/4-8UN | 167     | 80  | 300 | 254 | Φ63.35 | 2 × 18 | 8 × Φ18 | 90°   |
| 800  | 32    | 950  | 950  | 977.9  | 901  | 4(24) × M30 | 4(24) × M36 | 4(28) × 1 1/2-8UN | 190     | 80  | 300 | 254 | Φ63.35 | 2 × 18 | 8 × Φ18 | 90°   |
| 900  | 36    | 1050 | 1050 | 1085.8 | 973  | 4(28) × M30 | 4(28) × M36 | 4(32) × 1 1/2-8UN | 203     | 110 | 300 | 254 | Φ75    | 2 × 20 | 8 × Φ18 | 22.5° |
| 1000 | 40    | 1160 | 1170 | 1200.2 | 1060 | 4(28) × M33 | 4(28) × M39 | 4(36) × 1 1/2-8UN | 216     | 110 | 300 | 254 | Φ85    | 2 × 22 | 8 × Φ18 | 22.5° |
| 1100 | 44    | 1270 | 1270 | 1314.4 | 1184 | 4(32) × M33 | 4(32) × M69 | 4(40) × 1 1/2-8UN | 251     | 120 | 300 | 254 | Φ95    | 2 × 25 | 8 × Φ18 | 22.5° |
| 1200 | 48    | 1380 | 1390 | 1422.4 | 1320 | 4(32) × M36 | 4(32) × M45 | 4(44) × 1 1/2-8UN | 276/254 | 150 | 350 | 298 | Φ105   | 2 × 28 | 8 × Φ22 | 22.5° |

**ΦJPLS valves**

偏心软密封蝶阀 Eccentric soft sealing butterfly valve



主要零件及材料 Material of main parts

| 零件名称 Part name      | 材料 Material  |
|---------------------|--|
| 阀体 Body Materials   | 球墨铸铁 Ductile Iron, 碳钢 WCB, 不锈钢 Stainless Steel, 铜 Bronze           |
| 阀座 Seat Materials   | 丁腈 NBR, 三元乙丙 EPDM, 聚四氟乙烯 PTFE                                      |
| 蝶板 Disc Materials   | 球墨铸铁 Ductile Iron, 碳钢 WCB, 304 CF8, 316 CF8M<br>铝青铜 Al-bronze C958 |
| 阀轴 Stem Materials   | SS416, SS304, SS316  |
| 连接方式 End Connection | 法兰 Flange  |
| 驱动方式 Operate        | 蜗轮 Worm gear, 气动 Pneumatic, 电动 Electric-Motorized                  |
| 阀座类型 Seat Type      | Seat on the body, Seat on the disc, T-shaped seat                  |

设计标准 Valve design

| 技术规范 Technical specification |   |
|------------------------------|---|
| 设计标准 Valve design            | API609, AWWA-C504, BS En593, GB/T12238                          |
| 结构长度 Face to Face            | API609, ASME B16.10, BS En558, GB/T12221                        |
| 连接法兰 Flange Drilling         | ASME B16.42, ASME B16.47, BS EN1092-2<br>GB/T9113, GB/T 17241.6 |
| 试验标准 Pressure Test           | API598, BS EN12266, GB/T 13927                                  |

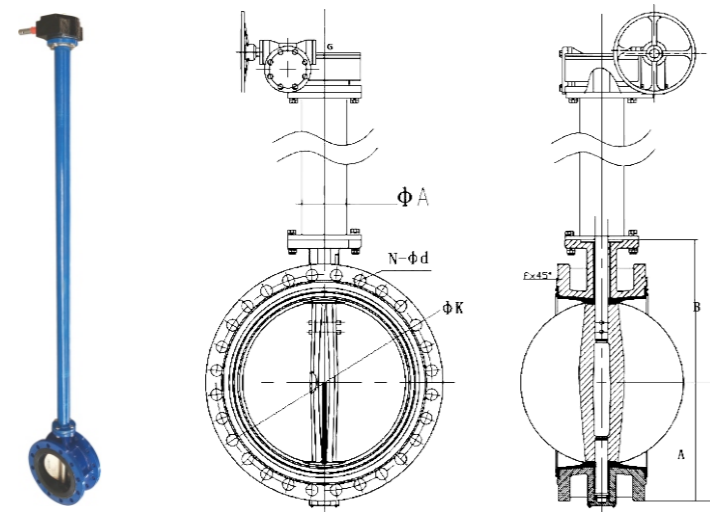
主要外形及连接尺寸 Main external and connecting dimensions(mm)

| DN   | H1   | H2   | H3  | ΦD   |      | ΦD1  |      | ΦD2  |      | N × ΦB   |          | L   |     | H   | K   | E   | ΦZ   | S | ΦG   | C      | n × Φd   | &     |
|------|------|------|-----|------|------|------|------|------|------|----------|----------|-----|-----|-----|-----|-----|------|---|------|--------|----------|-------|
|      |      |      |     | PN10 | PN16 | PN10 | PN16 | PN10 | PN16 | PN10     | PN16     | 13  | 14  |     |     |     |      |   |      |        |          |       |
| 100  | 104  | 140  | 70  | 220  | 220  | 180  | 180  | 156  | 156  | 8 × Φ19  | 8 × Φ19  | 127 | 190 | 30  | 90  | 70  | Φ55  | 3 | Φ16  | 5      | 4 × Φ10  | 45°   |
| 150  | 137  | 180  | 103 | 285  | 285  | 240  | 240  | 211  | 211  | 8 × Φ23  | 8 × Φ23  | 140 | 210 | 35  | 90  | 70  | Φ55  | 3 | Φ20  | 6      | 4 × Φ10  | 45°   |
| 200  | 200  | 218  | 103 | 340  | 340  | 295  | 295  | 266  | 266  | 8 × Φ23  | 12 × Φ23 | 152 | 230 | 40  | 125 | 102 | Φ70  | 3 | Φ25  | 8      | 4 × Φ12  | 45°   |
| 250  | 223  | 250  | 124 | 395  | 405  | 350  | 355  | 319  | 319  | 12 × Φ23 | 12 × Φ28 | 165 | 250 | 45  | 175 | 140 | Φ100 | 4 | Φ30  | 8      | 4 × Φ18  | 45°   |
| 300  | 255  | 280  | 150 | 445  | 460  | 400  | 410  | 370  | 370  | 12 × Φ23 | 12 × Φ28 | 178 | 270 | 52  | 210 | 165 | Φ130 | 5 | Φ34  | 10     | 4 × Φ22  | 45°   |
| 350  | 315  | 310  | 150 | 505  | 520  | 460  | 470  | 429  | 429  | 16 × Φ23 | 16 × Φ28 | 190 | 290 | 60  | 210 | 165 | Φ130 | 5 | Φ40  | 12     | 4 × Φ22  | 45°   |
| 400  | 348  | 348  | 150 | 565  | 580  | 515  | 525  | 480  | 480  | 16 × Φ28 | 16 × Φ31 | 216 | 310 | 68  | 210 | 165 | Φ130 | 5 | Φ45  | 14     | 4 × Φ22  | 45°   |
| 450  | 380  | 375  | 150 | 615  | 640  | 565  | 585  | 530  | 548  | 20 × Φ28 | 20 × Φ31 | 222 | 330 | 68  | 210 | 165 | Φ130 | 5 | Φ45  | 14     | 4 × Φ22  | 45°   |
| 500  | 410  | 410  | 150 | 670  | 715  | 620  | 650  | 582  | 609  | 20 × Φ28 | 20 × Φ34 | 229 | 350 | 78  | 210 | 165 | Φ130 | 5 | Φ52  | 16     | 4 × Φ22  | 45°   |
| 600  | 455  | 480  | 165 | 780  | 840  | 725  | 770  | 682  | 720  | 20 × Φ31 | 20 × Φ37 | 267 | 390 | 83  | 300 | 254 | Φ200 | 5 | Φ55  | 2 × 16 | 8 × Φ18  | 22.5° |
| 700  | 520  | 520  | 165 | 895  | 910  | 840  | 840  | 794  | 794  | 24 × Φ31 | 24 × Φ37 | 292 | 430 | 98  | 300 | 254 | Φ200 | 5 | Φ65  | 2 × 18 | 8 × Φ18  | 22.5° |
| 800  | 575  | 570  | 165 | 1015 | 1025 | 950  | 950  | 901  | 901  | 24 × Φ34 | 24 × Φ40 | 318 | 470 | 105 | 300 | 254 | Φ200 | 5 | Φ70  | 2 × 20 | 8 × Φ18  | 22.5° |
| 900  | 630  | 628  | 165 | 1115 | 1125 | 1050 | 1050 | 1001 | 1001 | 28 × Φ34 | 28 × Φ40 | 330 | 510 | 120 | 300 | 254 | Φ200 | 5 | Φ80  | 2 × 22 | 8 × Φ18  | 22.5° |
| 1000 | 713  | 708  | 210 | 1230 | 1255 | 1160 | 1170 | 1112 | 1112 | 28 × Φ37 | 28 × Φ43 | 410 | 550 | 140 | 350 | 298 | Φ230 | 5 | Φ92  | 2 × 25 | 8 × Φ23  | 22.5° |
| 1200 | 830  | 840  | 210 | 1455 | 1485 | 1380 | 1390 | 1328 | 1328 | 32 × Φ40 | 32 × Φ49 | 470 | 630 | 150 | 350 | 298 | Φ230 | 5 | Φ100 | 2 × 28 | 8 × Φ23  | 22.5° |
| 1400 | 1020 | 995  | 240 | 1675 | 1685 | 1590 | 1590 | 1530 | 1530 | 36 × Φ43 | 36 × Φ49 | 530 | 710 | 200 | 415 | 356 | Φ260 | 5 | Φ130 | 2 × 32 | 8 × Φ33  | 22.5° |
| 1600 | 1130 | 1135 | 240 | 1915 | 1930 | 1820 | 1820 | 1750 | 1750 | 40 × Φ49 | 40 × Φ56 | 600 | 790 | 230 | 415 | 356 | Φ260 | 5 | Φ150 | 2 × 36 | 8 × Φ33  | 22.5° |
| 1800 | 1323 | 1320 | 280 | 2115 | 2130 | 2020 | 2020 | 1950 | 1950 | 44 × Φ49 | 44 × Φ56 | 670 | 870 | 260 | 475 | 406 | Φ300 | 8 | Φ170 | 2 × 40 | 8 × Φ39  | 22.5° |
| 2000 | 1350 | 1370 | 280 | 2325 | 2345 | 2230 | 2230 | 2150 | 2150 | 48 × Φ49 | 48 × Φ62 | 760 | 950 | 290 | 560 | 486 | Φ370 | 8 | Φ190 | 2 × 45 | 12 × Φ39 | 15°   |



**ΦJPLS valves**

**加长杆软密封蝶阀 Extended stem soft seal butterfly valve**



**主要零件及材料 Material of main parts**

| NO. | 零件名称 Part name | 材料 Material  |
|-----|----------------|--|
| 1   | 阀体 Body        | 灰铁 Cast Iron, 球墨铸铁 Ductile Iron<br>碳钢 WCB, 不锈钢 Stainless Steel, 铜 Bronze |
| 2   | 衬套 Bushing     | PTFE   |
| 3   | 阀座 Seat        | EPDM, NBR  |
| 4   | 阀杆 Stem        | SS416, SS304, SS316  |
| 5   | 蝶板 Disc        | Ductile Iron, WCB, 304, 316, C95800, 2501                                |
| 6   | 销子 Pin         | 416, 304, 316  |
| 7   | 衬套 Bushing     | PTFE   |
| 8   | O型圈 O-ring     | NBR  |

**设计标准 Valve design**

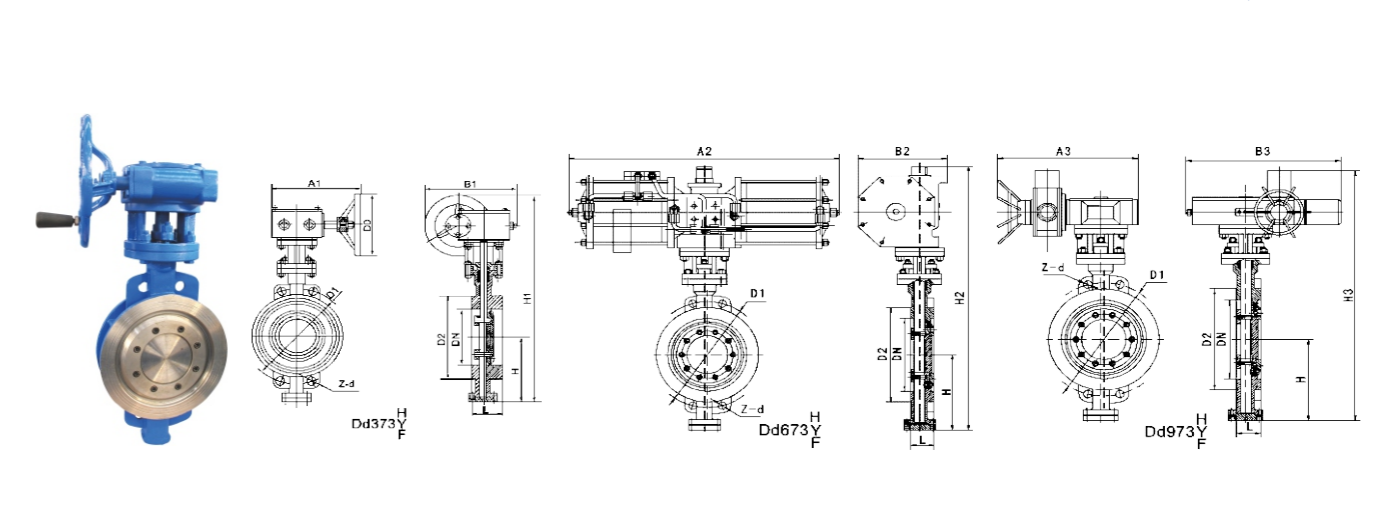
| 技术规范 Technical specification |  |
|------------------------------|--|
| 设计标准 Valve design            | GB/T12238, BS 5155, API 609, MSS SP-67                               |
| 结构长度 Face to Face            | GB/T12221, BS EN558-1, API 609, MSS SP-67, DIN 3202                  |
| 试验标准 Pressure test           | GB/T13927, BS 6755/EN12266, API 598                                  |
| 连接法兰 Flange Drilling         | GB/T17241.6, BS4504 PN10/PN16, ANSI B16.1 Class125 DIN2501 PN10/PN16 |
| 上法兰 Top Flange               | 可定制为5211标准<br>It can be customized to 5211 standard                  |

**主要外形及连接尺寸 Main external and connecting dimensions(mm)**

| Size |        | A    | B    | C   | L   | ANSI 150B |          | PN 10 |        | PN 16 |        | JIS 10K |        | Top Flange |     |       |
|------|--------|------|------|-----|-----|-----------|----------|-------|--------|-------|--------|---------|--------|------------|-----|-------|
| mm   | in     |      |      |     |     | ΦK        | N-Φd     | ΦK    | N-Φd   | ΦK    | N-Φd   | ΦK      | N-Φd   | ΦD         | ΦD1 | N-ΦG  |
| 65   | 2 1/2" | 72   | 136  | 32  | 112 | 139.7     | 4-Φ19    | 145   | 4-Φ18  | 145   | 4-Φ18  | 140     | 4-Φ19  | 77         | 57  | 4-Φ7  |
| 80   | 3"     | 88   | 146  | 32  | 114 | 152.4     | 4-Φ19    | 160   | 8-Φ18  | 160   | 8-Φ18  | 150     | 8-Φ19  | 65         | 50  | 4-Φ7  |
| 100  | 4"     | 96.5 | 158  | 32  | 127 | 190.5     | 4-Φ19    | 180   | 8-Φ18  | 180   | 8-Φ18  | 175     | 8-Φ19  | 90         | 70  | 4-Φ10 |
| 125  | 5"     | 115  | 179  | 32  | 140 | 215.9     | 8-Φ19    | 210   | 8-Φ18  | 210   | 8-Φ18  | 210     | 8-Φ23  | 90         | 70  | 4-Φ10 |
| 150  | 6"     | 126  | 197  | 32  | 140 | 241.3     | 8-Φ22.4  | 240   | 8-Φ22  | 240   | 8-Φ22  | 240     | 8-Φ23  | 90         | 70  | 4-Φ10 |
| 200  | 8"     | 161  | 230  | 45  | 152 | 298.4     | 8-Φ22.4  | 295   | 8-Φ22  | 295   | 12-Φ22 | 290     | 12-Φ23 | 115        | 89  | 4-Φ14 |
| 250  | 10"    | 199  | 271  | 45  | 165 | 361.9     | 12-Φ25.4 | 350   | 12-Φ22 | 355   | 12-Φ26 | 355     | 12-Φ25 | 115        | 89  | 4-Φ14 |
| 300  | 12"    | 215  | 305  | 45  | 178 | 431.8     | 12-Φ25.4 | 400   | 12-Φ22 | 410   | 12-Φ26 | 400     | 16-Φ25 | 140        | 108 | 4-Φ14 |
| 350  | 14"    | 261  | 350  | 45  | 190 | 476.2     | 12-Φ28.4 | 460   | 16-Φ22 | 470   | 16-Φ26 | 445     | 16-Φ25 | 140        | 108 | 4-Φ14 |
| 400  | 16"    | 290  | 381  | 51  | 216 | 539.7     | 16-Φ28.4 | 515   | 16-Φ26 | 525   | 16-Φ30 | 510     | 16-Φ27 | 197        | 159 | 4-Φ21 |
| 450  | 18"    | 307  | 392  | 51  | 222 | 577.8     | 16-Φ31.8 | 565   | 20-Φ26 | 585   | 20-Φ30 | 565     | 20-Φ27 | 197        | 159 | 4-Φ21 |
| 500  | 20"    | 340  | 441  | 57  | 229 | 635       | 20-Φ31.8 | 620   | 20-Φ26 | 650   | 20-Φ33 | 620     | 20-Φ27 | 197        | 159 | 4-Φ21 |
| 600  | 24"    | 396  | 500  | 70  | 267 | 749.3     | 20-Φ35.1 | 725   | 20-Φ30 | 770   | 20-Φ36 | 730     | 24-Φ33 | 276        | 216 | 4-Φ22 |
| 700  | 28"    | 496  | 567  | 66  | 292 | 863.6     | 28-Φ35.1 | 840   | 24-Φ30 | 840   | 24-Φ36 | 840     | 24-Φ33 | 300        | 254 | 8-Φ18 |
| 800  | 32"    | 543  | 641  | 66  | 318 | 977.9     | 28-Φ41.1 | 950   | 24-Φ33 | 950   | 24-Φ39 | 950     | 28-Φ33 | 300        | 254 | 8-Φ18 |
| 900  | 36"    | 584  | 692  | 118 | 330 | 1085.8    | 32-Φ41.1 | 1050  | 28-Φ33 | 1050  | 28-Φ33 | 1050    | 28-Φ33 | 300        | 254 | 8-Φ18 |
| 1000 | 40"    | 638  | 735  | 142 | 410 | 1200.2    | 38-Φ41.1 | 1160  | 28-Φ36 | 1170  | 28-Φ42 | 1270    | 28-Φ39 | 300        | 254 | 8-Φ18 |
| 1200 | 48"    | 763  | 917  | 150 | 470 | 1422.4    | 44-Φ41.1 | 1380  | 32-Φ39 | 1390  | 32-Φ48 | 1380    | 32-Φ39 | 350        | 298 | 8-Φ22 |
| 1400 | 56"    | 919  | 1040 | 160 | 530 | -         | -        | 1590  | 36-Φ44 | 1590  | 36-Φ50 | -       | -      | 415        | 356 | 8-Φ32 |
| 1500 | 60"    | 965  | 1050 | 165 | 570 | -         | -        | 1700  | 36-Φ44 | 1710  | 36-Φ57 | -       | -      | 415        | 356 | 8-Φ32 |

**ΦJPLS valves**

**三偏心金属硬密封对夹蝶阀 Three eccentric metal seals wafe butterfly valve**



**主要零件及材料 Material of main parts**

| 零件名称 Part name    | 材料 Material   |
|-------------------|---|
| 阀体 Body Materials | 碳钢 WCB, 不锈钢 Stainless Steel<br>铬钼钢 Cr-Mo steel, 合金钢 Alloy steel |
| 密封圈 Sealing ring  | 不锈钢+柔性石墨 Stainless Steel+Flexible graphite<br>聚四氟乙烯 PTFE        |
| 蝶板 Disc Materials | 碳钢 WCB, 不锈钢 Stainless Steel<br>铬钼钢 Cr-Mo steel, 合金钢 Alloy steel |
| 阀杆 Stem Materials | 2Cr13, 不锈钢 Stainless Steel                                      |
| 填料 Packing        | 柔性石墨 Flexible graphite, 聚四氟乙烯 PTFE                              |
| 驱动方式 Operate      | 蜗轮 Worm gear, 气动 Pneumatic, 电动 Electric-Motorized               |

**设计标准 Valve design**

| 技术规范 Technical specification |   |
|------------------------------|---|
| 设计标准 Valve design            | API 609, JIS B2064, JB/T 18527                    |
| 结构长度 Face to Face            | ANSI B16.10-92, JIS B2002-87, GB/T 12221-89       |
| 试验标准 Pressure test           | API 598, FIS B2003-87, GB/T 13927-92              |
| 连接法兰 Flange Drilling         | ANSI B165a MSS-SP-44, JIS B2212-2216, GB/T 9113.1 |

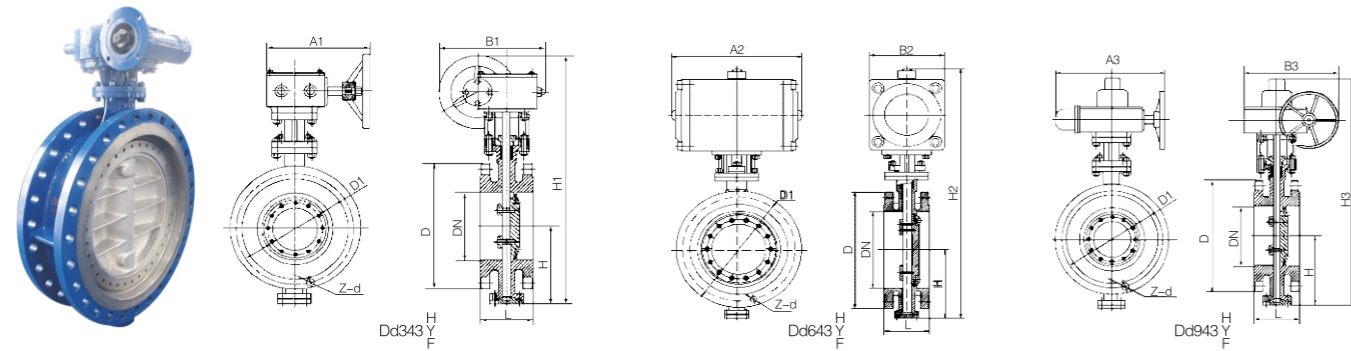
**主要外形及连接尺寸 Main external and connecting dimensions(mm)**

| mm   | Inch   | L   | H   | D373H D373Y |     |     | D673H |      |     | D973H |     |     | 0.6MPa |       | 1.0MPa |       | 1.6MPa |       | 2.5MPa |       |
|------|--------|-----|-----|-------------|-----|-----|-------|------|-----|-------|-----|-----|--------|-------|--------|-------|--------|-------|--------|-------|
|      |        |     |     | H1          | A1  | B1  | H2    | A2   | B2  | H3    | A3  | B3  | D1     | Z-d   | D1     | Z-d   | D1     | Z-d   | D1     | Z-d   |
| 50   | 2"     | 43  | 112 | 350         | 180 | 200 | 625   | 245  | 72  | 530   | 250 | 255 | 110    | 4-14  | 125    | 4-18  | 125    | 4-18  | 125    | 4-18  |
| 65   | 2 1/2" | 46  | 115 | 370         | 180 | 200 | 625   | 245  | 72  | 530   | 250 | 255 | 130    | 4-14  | 145    | 4-18  | 145    | 4-18  | 145    | 8-18  |
| 80   | 3"     | 49  | 120 | 380         | 180 | 200 | 645   | 245  | 72  | 565   | 250 | 255 | 150    | 4-18  | 160    | 8-18  | 160    | 8-18  | 160    | 8-18  |
| 100  | 4"     | 56  | 138 | 420         | 180 | 200 | 675   | 355  | 92  | 600   | 250 | 255 | 170    | 4-18  | 180    | 8-18  | 180    | 8-18  | 190    | 8-22  |
| 125  | 5"     | 64  | 164 | 460         | 180 | 200 | 715   | 355  | 92  | 640   | 250 | 255 | 200    | 8-18  | 210    | 8-18  | 210    | 8-18  | 220    | 8-26  |
| 150  | 6"     | 70  | 175 | 555         | 270 | 280 | 800   | 355  | 92  | 705   | 300 | 315 | 225    | 8-18  | 240    | 8-22  | 240    | 8-22  | 250    | 8-26  |
| 200  | 8"     | 71  | 208 | 605         | 270 | 280 | 850   | 250  | 170 | 775   | 300 | 315 | 280    | 8-18  | 295    | 8-22  | 295    | 12-22 | 310    | 12-28 |
| 250  | 10"    | 76  | 243 | 680         | 270 | 280 | 925   | 250  | 170 | 945   | 300 | 315 | 335    | 12-18 | 350    | 12-22 | 355    | 12-26 | 370    | 12-30 |
| 300  | 12"    | 83  | 283 | 800         | 380 | 420 | 1035  | 450  | 200 | 1070  | 300 | 315 | 395    | 12-22 | 400    | 12-22 | 410    | 12-26 | 430    | 16-30 |
| 350  | 14"    | 92  | 310 | 835         | 380 | 420 | 1070  | 450  | 220 | 1140  | 300 | 315 | 445    | 12-22 | 560    | 16-22 | 470    | 16-26 | 490    | 16-33 |
| 400  | 16"    | 102 | 340 | 915         | 450 | 470 | 1190  | 450  | 220 | 1210  | 300 | 315 | 495    | 16-22 | 515    | 16-26 | 525    | 16-30 | 550    | 16-36 |
| 450  | 18"    | 114 | 380 | 960         | 480 | 490 | 1250  | 650  | 280 | 1335  | 575 | 714 | 550    | 16-22 | 565    | 20-26 | 585    | 20-30 | 600    | 20-36 |
| 500  | 20"    | 127 | 410 | 1020        | 480 | 490 | 1290  | 650  | 280 | 1415  | 575 | 714 | 600    | 20-22 | 620    | 20-26 | 650    | 20-33 | 660    | 20-36 |
| 600  | 24"    | 154 | 470 | 1225        | 480 | 490 | 1455  | 850  | 380 | 1605  | 656 | 810 | 705    | 20-26 | 725    | 20-30 | 770    | 20-36 | 770    | 20-39 |
| 700  | 28"    | 165 | 550 | 1355        | 640 | 660 | 1585  | 850  | 380 | 1844  | 656 | 810 | 810    | 24-26 | 840    | 24-30 | 840    | 24-36 | 875    | 24-42 |
| 800  | 32"    | 190 | 640 | 1470        | 640 | 660 | 1700  | 1250 | 380 | 2040  | 656 | 810 | 920    | 24-30 | 950    | 24-33 | 950    | 24-39 | 990    | 24-48 |
| 900  | 36"    | 203 | 710 | 1545        | 750 | 860 | 1965  | 1250 | 380 | 2255  | 785 | 863 | 1020   | 24-30 | 1050   | 28-33 | 1050   | 28-39 | 1090   | 28-48 |
| 1000 | 40"    | 216 | 770 | 1795        | 850 | 900 | 2015  | 1250 | 380 | 2380  | 785 | 863 | 1120   | 28-30 | 1160   | 28-36 | 1170   | 28-42 | 1210   | 28-56 |
| 1200 | 48"    | 254 | 890 | 1965        | 850 | 900 | 2250  | 1250 | 380 | 2640  | 785 | 863 | 1340   | 32-33 | 1380   | 32-39 | 1390   | 32-48 | 1420   | 32-56 |



**ØJPLS valves**

三偏心金属硬密封法兰蝶阀 Three eccentric metal hard seal flange butterfly valve



主要零件及材料 Material of main parts

| 零件名称 Part name    | 材料 Material   |
|-------------------|---|
| 阀体 Body Materials | 碳钢WCB, 不锈钢Stainless Steel, 铬钼钢Cr-Mo steel, 合金钢Alloy steel |
| 密封圈 Sealing ring  | 不锈钢+柔性石墨Stainless Steel+Flexible graphite, 聚四氟乙烯PTFE      |
| 蝶板 Disc Materials | 碳钢WCB, 不锈钢Stainless Steel, 铬钼钢Cr-Mo steel, 合金钢Alloy steel |
| 阀杆 Stem Materials | 2Cr13, 不锈钢Stainless Steel                                 |
| 填料 Packing        | 柔性石墨Flexible graphite, 聚四氟乙烯PTFE                          |
| 驱动方式 Operate      | 蜗轮 Worm gear, 气动 Pneumatic, 电动 Electric-Motorized         |

设计标准 Valve design

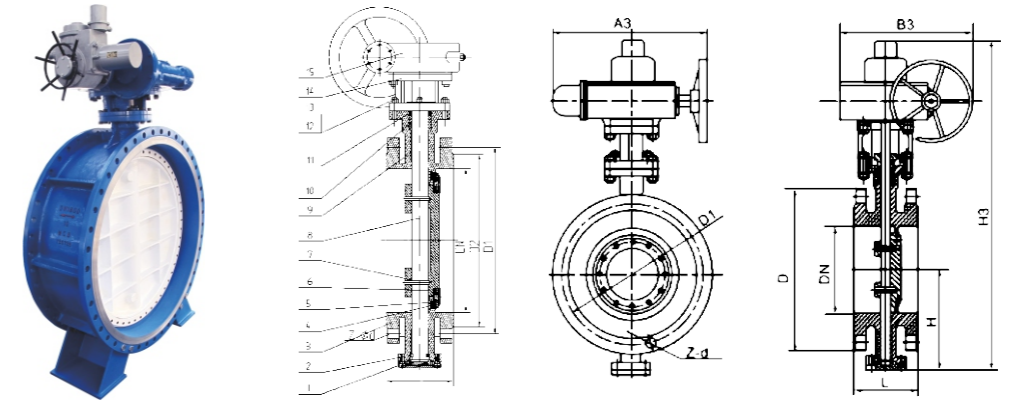
| 技术规范 Technical specification |   |
|------------------------------|---|
| 设计标准 Valve design            | API 609, JIS B2064, JB/T 18527                    |
| 结构长度 Face to Face            | ANSI B16.10-92, JIS B2002-87, GB/T 12221-89       |
| 试验标准 Pressure test           | API 598, FIS B2003-87, GB/T 13927-92              |
| 连接法兰 Flange Drilling         | ANSI B165a MSS-SP-44, JIS B2212-2216, GB/T 9113.1 |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| mm   | Inch   | L             |              | H    | Dd343H |      |     | Dd643H |      |     | Dd943H |     |     | PN1.6MPa |      |       | PN2.5MPa |      |       |
|------|--------|---------------|--------------|------|--------|------|-----|--------|------|-----|--------|-----|-----|----------|------|-------|----------|------|-------|
|      |        | Short Pattern | long Pattern |      | H1     | A1   | B1  | H2     | A2   | B2  | H3     | A3  | B3  | D1       | D1   | Z-d   | D1       | D1   | Z-d   |
| 50   | 2"     | 108           | 150          | 112  | 350    | 180  | 200 | 625    | 245  | 72  | 530    | 250 | 255 | 165      | 125  | 4-18  | 165      | 125  | 4-18  |
| 65   | 2 1/2" | 112           | 170          | 115  | 370    | 180  | 200 | 625    | 245  | 72  | 530    | 250 | 255 | 185      | 145  | 4-18  | 185      | 145  | 8-18  |
| 80   | 3"     | 114           | 180          | 120  | 380    | 180  | 200 | 645    | 245  | 72  | 565    | 250 | 255 | 200      | 160  | 8-18  | 200      | 160  | 8-18  |
| 100  | 4"     | 127           | 190          | 138  | 420    | 180  | 200 | 675    | 355  | 92  | 600    | 250 | 255 | 220      | 180  | 8-18  | 235      | 190  | 8-22  |
| 125  | 5"     | 140           | 200          | 164  | 460    | 180  | 200 | 715    | 355  | 92  | 640    | 250 | 255 | 250      | 210  | 8-18  | 270      | 220  | 8-26  |
| 150  | 6"     | 140           | 210          | 175  | 555    | 270  | 280 | 800    | 355  | 92  | 705    | 300 | 315 | 285      | 240  | 8-22  | 300      | 250  | 8-26  |
| 200  | 8"     | 152           | 230          | 208  | 760    | 400  | 425 | 850    | 250  | 170 | 775    | 300 | 315 | 340      | 295  | 12-22 | 360      | 310  | 12-26 |
| 250  | 10"    | 165           | 250          | 243  | 830    | 400  | 425 | 925    | 250  | 170 | 945    | 300 | 315 | 405      | 355  | 12-26 | 425      | 370  | 12-30 |
| 300  | 12"    | 178           | 270          | 250  | 895    | 450  | 560 | 1035   | 450  | 220 | 1070   | 300 | 315 | 460      | 410  | 12-26 | 485      | 430  | 16-30 |
| 350  | 14"    | 190           | 290          | 280  | 950    | 450  | 560 | 1070   | 450  | 220 | 1140   | 300 | 315 | 520      | 470  | 16-26 | 555      | 490  | 16-33 |
| 400  | 16"    | 216           | 310          | 305  | 1190   | 535  | 580 | 1190   | 450  | 220 | 1210   | 300 | 315 | 580      | 525  | 16-30 | 620      | 550  | 16-36 |
| 450  | 18"    | 222           | 330          | 350  | 1255   | 535  | 580 | 1250   | 650  | 280 | 1335   | 575 | 714 | 640      | 585  | 20-30 | 670      | 600  | 20-36 |
| 500  | 20"    | 229           | 350          | 380  | 1305   | 535  | 580 | 1290   | 650  | 280 | 1415   | 575 | 714 | 715      | 650  | 20-33 | 730      | 660  | 20-36 |
| 600  | 24"    | 267           | 390          | 445  | 1340   | 570  | 660 | 1455   | 850  | 380 | 1605   | 656 | 810 | 840      | 770  | 20-36 | 845      | 770  | 20-39 |
| 700  | 28"    | 292           | 430          | 480  | 1520   | 750  | 550 | 1585   | 850  | 380 | 1844   | 656 | 810 | 910      | 840  | 24-36 | 960      | 875  | 24-42 |
| 800  | 32"    | 318           | 470          | 530  | 1710   | 750  | 550 | 1700   | 1250 | 380 | 2040   | 656 | 810 | 1025     | 950  | 24-39 | 1085     | 990  | 24-48 |
| 900  | 36"    | 330           | 510          | 580  | 1810   | 750  | 550 | 1865   | 1250 | 380 | 2255   | 785 | 863 | 1125     | 1050 | 28-39 | 1185     | 1090 | 28-48 |
| 1000 | 40"    | 410           | 550          | 650  | 1960   | 900  | 750 | 2015   | 1250 | 380 | 2380   | 785 | 863 | 1255     | 1170 | 28-42 | 1320     | 1210 | 28-56 |
| 1200 | 48"    | 470           | 630          | 760  | 2250   | 1000 | 925 | 2250   | 1250 | 380 | 2640   | 785 | 863 | 1485     | 1390 | 32-48 | 1530     | 1420 | 32-56 |
| 1400 | 56"    | 530           | 710          | 850  | 2435   | 1000 | 925 |        |      |     | 2886   |     |     | 1685     | 1590 | 26-48 | 1755     | 1640 | 36-60 |
| 1500 | 60"    | 530           | 710          | 900  | 2435   | 1000 | 925 |        |      |     | 2886   |     |     | 1785     | 1690 | 36-48 | 1855     | 1740 | 36-62 |
| 1600 | 64"    | 600           | 790          | 1030 | 2780   | 1000 | 925 |        |      |     | 3156   |     |     | 1930     | 1820 | 40-56 | 1975     | 1860 | 40-60 |
| 1800 | 72"    | 670           | 870          | 1230 | 3020   | 1100 | 980 |        |      |     | 3421   |     |     | 2130     | 2020 | 44-56 | 2195     | 2070 | 44-68 |
| 2000 | 80"    | 760           | 950          | 1350 | 3270   | 1100 | 980 |        |      |     | 3685   |     |     | 2345     | 2230 | 48-62 | 2425     | 2300 | 48-68 |

**ØJPLS valves**

电动三偏心金属硬密封蝶阀 Electric three-eccentric metal hard seal butterfly valve



主要零件及材料 Material of main parts

| NO. | 零件名称 Part name | 材料 Material                            |
|-----|----------------|--|
| 1   | Base support   | Q235B                                  |
| 2   | Bushing        | Composite parts                        |
| 3   | Body           | WCB                                    |
| 4   | 压板             | Q235B                                  |
| 5   | Seal ring      | Steel plate+High temperature cardboard |
| 6   | Disc           | WCB                                    |
| 7   | Pins           | 45                                     |
| 8   | Stem           | 2Cr13                                  |
| 9   | Shaft sleeve   | Composite parts                        |
| 10  | Packing        | Flexible graphite                      |
| 11  | Packing gland  | WCB                                    |
| 12  | Bolts          | A193 B7                                |
| 13  | Nuts           | A194 2H                                |
| 14  | Support        | WCB                                    |
| 15  | Gear           | Component units                        |

设计标准 Valve design

| 技术规范 Technical specification |   |
|------------------------------|---|
| 设计标准 Valve design            | BS 5155, EN593, API 609, JIS B2064, JB/T 18527              |
| 结构长度 Face to Face            | BS EN558-1, ANSI B16.10-92, JIS B2002-87, GB/T 12221-89     |
| 试验标准 Pressure test           | BS 6755/EN12266, API 598, FIS B2003-87, GB/T 13927-92       |
| 连接法兰 Flange Drilling         | ANSI B165a MSS-SP-44, JIS B2212-2216, GB/T 9113.1, EN1092-1 |

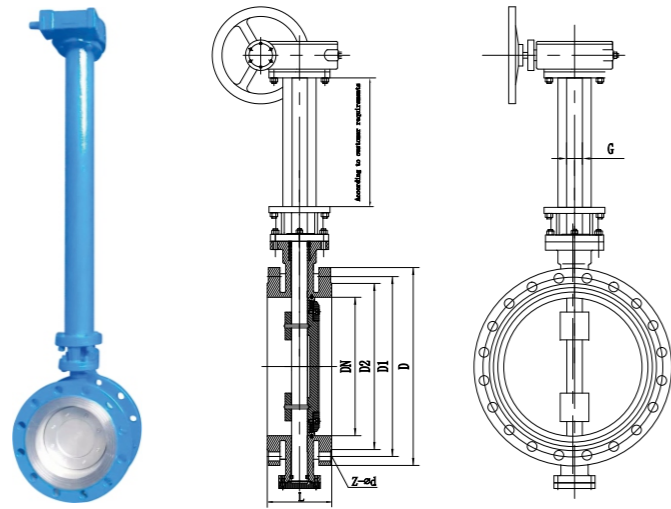
主要外形及连接尺寸 Main external and connecting dimensions(mm)

| mm   | Inch   | L             |              | H    | Dd343H |      |     | Dd643H |      |     | Dd943H |     |     | PN1.6MPa |      |       | PN2.5MPa |      |       | Electric Actuator Code<br>1.6MPa 2.5MPa | Total height<br>(No electric actuator) |      |
|------|--------|---------------|--------------|------|--------|------|-----|--------|------|-----|--------|-----|-----|----------|------|-------|----------|------|-------|---|--|------|
|      |        | Short Pattern | long Pattern |      | H1     | A1   | B1  | H2     | A2   | B2  | H3     | A3  | B3  | D1       | D1   | Z-d   | D1       | D1   | Z-d   |   |  |      |
| 40   | 1 1/2" | 106           | 140          | 107  | 330    | 180  | 200 | 625    | 245  | 72  | 530    | 250 | 255 | 150      | 110  | 4-18  | 150      | 110  | 4-18  | Q10                                     | Q20                                    | 330  |
| 50   | 2"     | 108           | 150          | 112  | 350    | 180  | 200 | 625    | 245  | 72  | 530    | 250 | 255 | 165      | 125  | 4-18  | 165      | 125  | 4-18  | Q10                                     | Q20                                    | 337  |
| 65   | 2 1/2" | 112           | 170          | 115  | 370    | 180  | 200 | 625    | 245  | 72  | 530    | 250 | 255 | 185      | 145  | 4-18  | 185      | 145  | 8-18  | Q10                                     | Q20                                    | 368  |
| 80   | 3"     | 114           | 180          | 120  | 380    | 180  | 200 | 645    | 245  | 72  | 565    | 250 | 255 | 200      | 160  | 8-18  | 200      | 160  | 8-18  | Q10                                     | Q20                                    | 385  |
| 100  | 4"     | 127           | 190          | 138  | 420    | 180  | 200 | 675    | 355  | 92  | 600    | 250 | 255 | 220      | 180  | 8-18  | 235      | 190  | 8-22  | Q20                                     | Q30                                    | 420  |
| 125  | 5"     | 140           | 200          | 164  | 460    | 180  | 200 | 715    | 355  | 92  | 640    | 250 | 255 | 250      | 210  | 8-18  | 270      | 220  | 8-26  | Q30                                     | Q40                                    | 485  |
| 150  | 6"     | 140           | 210          | 175  | 555    | 270  | 280 | 800    | 355  | 92  | 705    | 300 | 315 | 285      | 240  | 8-22  | 300      | 250  | 8-26  | Q40                                     | Q40                                    | 570  |
| 200  | 8"     | 152           | 230          | 208  | 760    | 400  | 425 | 850    | 250  | 170 | 775    | 300 | 315 | 340      | 295  | 12-22 | 360      | 310  | 12-26 | Z10                                     | Z10                                    | 630  |
| 250  | 10"    | 165           | 250          | 243  | 830    | 400  | 425 | 925    | 250  | 170 | 945    | 300 | 315 | 405      | 355  | 12-26 | 425      | 370  | 12-30 | Z10                                     | Z15                                    | 740  |
| 300  | 12"    | 178           | 270          | 250  | 895    | 450  | 560 | 1035   | 450  | 220 | 1070   | 300 | 315 | 460      | 410  | 12-26 | 485      | 430  | 16-30 | Z15                                     | Z15                                    | 815  |
| 350  | 14"    | 190           | 290          | 280  | 950    | 450  | 560 | 1070   | 450  | 220 | 1140   | 300 | 315 | 520      | 470  | 16-26 | 555      | 490  | 16-33 | Z20                                     | Z20                                    | 920  |
| 400  | 16"    | 216           | 310          | 305  | 1190   | 535  | 580 | 1190   | 450  | 220 | 1210   | 300 | 315 | 580      | 525  | 16-30 | 620      | 550  | 16-36 | Z30                                     | Z30                                    | 960  |
| 450  | 18"    | 222           | 330          | 350  | 1255   | 535  | 580 | 1250   | 650  | 280 | 1335   | 575 | 714 | 640      | 585  | 20-30 | 670      | 600  | 20-36 | Z30                                     | Z30                                    | 1070 |
| 500  | 20"    | 229           | 350          | 380  | 1305   | 535  | 580 | 1290   | 650  | 280 | 1415   | 575 | 714 | 715      | 650  | 20-33 | 730      | 660  | 20-36 | Z30                                     | Z45                                    | 1188 |
| 600  | 24"    | 267           | 390          | 445  | 1340   | 570  | 660 | 1455   | 850  | 380 | 1605   | 656 | 810 | 840      | 770  | 20-36 | 845      | 770  | 20-39 | Z60                                     | Z90                                    | 1340 |
| 700  | 28"    | 292           | 430          | 480  | 1520   | 750  | 550 | 1585   | 850  | 380 | 1844   | 656 | 810 | 910      | 840  | 24-26 | 960      | 875  | 24-42 | Z90                                     | Z90                                    | 1500 |
| 800  | 32"    | 318           | 470          | 530  | 1710   | 750  | 550 | 1700   | 1250 | 380 | 2040   | 656 | 810 | 1025     | 950  | 24-39 | 1085     | 990  | 24-48 | Z90                                     | Z120                                   | 1650 |
| 900  | 36"    | 330           | 510          | 580  | 1810   | 750  | 550 | 1865   | 1250 | 380 | 2255   | 785 | 863 | 1125     | 1050 | 28-39 | 1185     | 1090 | 28-48 | Z180                                    | Z180                                   | 1860 |
| 1000 | 40"    | 410           | 550          | 650  | 1960   | 900  | 750 | 2015   | 1250 | 380 | 2380   | 785 | 863 | 1255     | 1170 | 28-42 | 1320     | 1210 | 28-56 | Z250                                    | Z250                                   | 1950 |
| 1200 | 48"    | 470           | 630          | 760  | 2250   | 1000 | 925 | 2250   | 1250 | 380 | 2640   | 785 | 863 | 1485     | 1390 | 32-48 | 1530     | 1420 | 32-56 | Z250                                    | Z350                                   | 2585 |
| 1400 | 56"    | 530           | 710          | 850  | 2435   | 1000 | 925 |        |      |     | 2886   |     |     | 1685     | 1590 | 26-48 | 1755     | 1640 | 36-60 | Z350                                    | Z500                                   | 2900 |
| 1500 | 60"    | 530           | 710          | 900  | 2435   | 1000 | 925 |        |      |     | 2886   |     |     | 1785     | 1690 | 36-48 | 1855     | 1740 | 36-62 | Z500                                    | Z500                                   | 2800 |
| 1600 | 64"    | 600           | 790          | 1030 | 2780   | 1000 | 925 |        |      |     | 3156   |     |     | 1930     | 1820 | 40-56 | 1975     | 1860 | 40-60 | Z500                                    | Z800                                   | 2900 |
| 1800 | 72"    | 670           | 870          | 1230 | 3020   | 1100 | 980 |        |      |     | 3421   |     |     | 2130     | 2020 | 44-56 | 2195     | 2070 | 44-68 | Z800                                    | -                                      | 2745 |
| 2000 | 80"    | 760           | 950          | 1350 | 3270   | 1100 | 980 |        |      |     | 3685   |     |     | 2345     | 2230 | 48-62 | 2425     | 2300 | 48-68 | -                                       | -                                      | 3030 |



**ØJPLS valves**

加长杆硬密封蝶阀 Extended stem hard seal butterfly valve



主要零件及材料 Material of main parts

| NO. | 零件名称 Part name   | 材料 Material   |
|-----|------------------|---|
| 1   | 阀体 Body          | WCB   |
| 2   | 密封圈 Sealing ring | 钢板+高温纤维板<br>Steel plate+High temperature cordboard  |
| 3   | 蝶板 Disc          | 碳钢 WCB  |
| 4   | 阀杆 Stem          | 2Cr13   |
| 5   | 填料 Packing       | 柔性石墨 Flexible graphite                              |
| 6   | 驱动方式 Operate     | 蜗轮 Worm gear, 气动 Pneumatic<br>电动 Electric-Motorized |

设计标准 Valve design

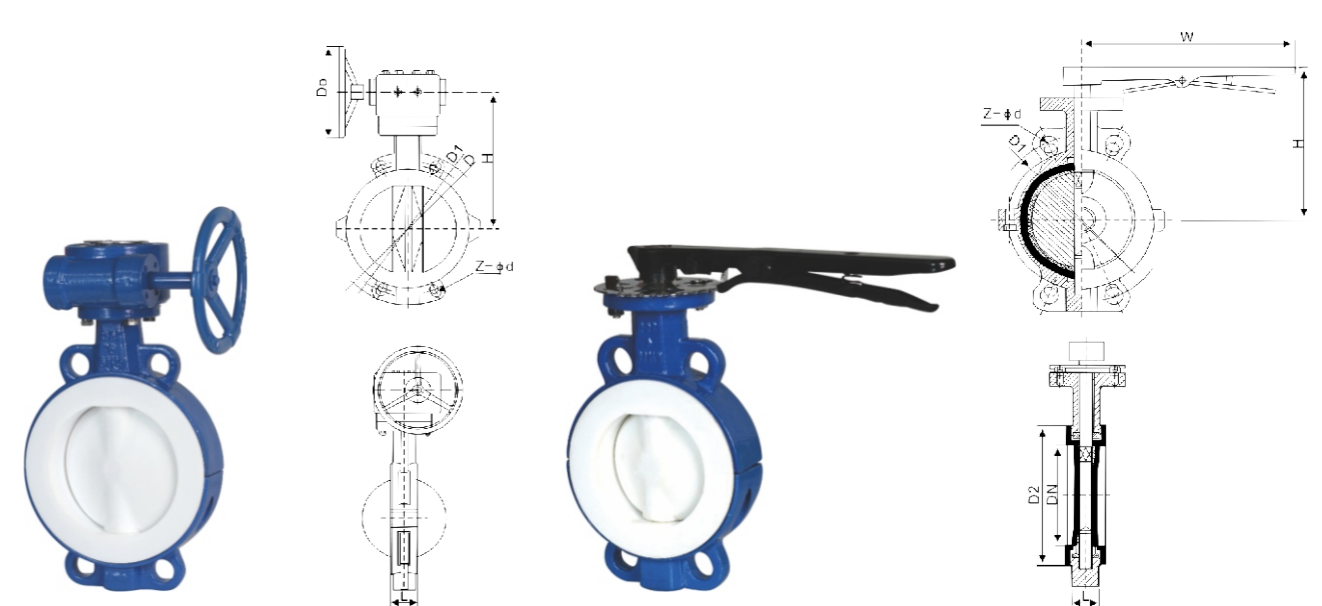
| 技术规范 Technical specification |   |
|------------------------------|---|
| 设计标准<br>Valve design         | BS 5155, API 609, JIS B2064, JB/T 18527                   |
| 结构长度<br>Face to Face         | BS EN558-1, ANSI B16.10-92<br>JIS B2002-87, GB/T 12221-89 |
| 试验标准<br>Pressure test        | BS 6755/EN12266, API 598<br>FIS B2003-87, GB/T 13927-92   |
| 连接法兰<br>Flange Drilling      | ANSI B165a MSS-SP-44, JIS B2212-2216, GB/T 9113.1         |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| mm   | Inch   | L     |      | H    | Dd343H |      |     | Dd643H |      |     | Dd943H |     |     | PN1.6MPa |      |       | PN2.5MPa |      |       |
|------|--------|-------|------|------|--------|------|-----|--------|------|-----|--------|-----|-----|----------|------|-------|----------|------|-------|
|      |        | Short | Long |      | H1     | A1   | B1  | H2     | A2   | B2  | H3     | A3  | B3  | D1       | D1   | Z-d   | D1       | D1   | Z-d   |
| 40   | 1 1/2" | 106   | 140  | 107  | 330    | 180  | 200 | 625    | 245  | 72  | 530    | 250 | 255 | 150      | 110  | 4-18  | 150      | 110  | 4-18  |
| 50   | 2"     | 108   | 150  | 112  | 350    | 180  | 200 | 625    | 245  | 72  | 530    | 250 | 255 | 165      | 125  | 4-18  | 165      | 125  | 4-18  |
| 65   | 2 1/2" | 112   | 170  | 115  | 370    | 180  | 200 | 625    | 245  | 72  | 530    | 250 | 255 | 185      | 145  | 4-18  | 185      | 145  | 8-18  |
| 80   | 3"     | 114   | 180  | 120  | 380    | 180  | 200 | 645    | 245  | 72  | 565    | 250 | 255 | 200      | 160  | 8-18  | 200      | 160  | 8-18  |
| 100  | 4"     | 127   | 190  | 138  | 420    | 180  | 200 | 675    | 355  | 92  | 600    | 250 | 255 | 220      | 180  | 8-18  | 235      | 190  | 8-22  |
| 125  | 5"     | 140   | 200  | 164  | 460    | 180  | 200 | 715    | 355  | 92  | 640    | 250 | 255 | 250      | 210  | 8-18  | 270      | 220  | 8-26  |
| 150  | 6"     | 140   | 210  | 175  | 555    | 270  | 280 | 800    | 355  | 92  | 705    | 300 | 315 | 285      | 240  | 8-22  | 300      | 250  | 8-26  |
| 200  | 8"     | 152   | 230  | 200  | 760    | 400  | 425 | 850    | 250  | 170 | 775    | 300 | 315 | 340      | 295  | 12-22 | 360      | 310  | 12-26 |
| 250  | 10"    | 165   | 250  | 243  | 830    | 400  | 425 | 925    | 250  | 170 | 945    | 300 | 315 | 405      | 355  | 12-26 | 425      | 370  | 12-30 |
| 300  | 12"    | 178   | 270  | 250  | 895    | 450  | 560 | 1035   | 450  | 220 | 1070   | 300 | 315 | 460      | 410  | 12-26 | 485      | 430  | 16-30 |
| 350  | 14"    | 190   | 290  | 280  | 950    | 450  | 560 | 1070   | 450  | 220 | 1140   | 300 | 315 | 520      | 470  | 16-26 | 555      | 490  | 16-33 |
| 400  | 16"    | 216   | 310  | 305  | 1190   | 535  | 580 | 1190   | 450  | 220 | 1210   | 300 | 315 | 580      | 525  | 16-30 | 620      | 550  | 16-36 |
| 450  | 18"    | 222   | 330  | 350  | 1255   | 535  | 580 | 1250   | 650  | 280 | 1335   | 575 | 714 | 640      | 585  | 20-30 | 670      | 600  | 20-36 |
| 500  | 20"    | 229   | 350  | 380  | 1305   | 535  | 580 | 1290   | 650  | 280 | 1415   | 575 | 714 | 715      | 650  | 20-33 | 730      | 660  | 20-36 |
| 600  | 24"    | 267   | 390  | 445  | 1340   | 570  | 660 | 1455   | 850  | 380 | 1605   | 656 | 810 | 840      | 770  | 20-36 | 845      | 770  | 20-39 |
| 700  | 28"    | 292   | 430  | 480  | 1520   | 750  | 550 | 1585   | 850  | 380 | 1844   | 656 | 810 | 910      | 840  | 24-26 | 960      | 875  | 24-42 |
| 800  | 32"    | 318   | 470  | 530  | 1710   | 750  | 550 | 1700   | 1250 | 380 | 2040   | 656 | 810 | 1025     | 950  | 24-39 | 1085     | 990  | 24-48 |
| 900  | 36"    | 330   | 510  | 580  | 1810   | 750  | 550 | 1865   | 1250 | 380 | 2255   | 785 | 863 | 1125     | 1050 | 28-39 | 1185     | 1090 | 28-48 |
| 1000 | 40"    | 410   | 550  | 650  | 1960   | 900  | 750 | 2015   | 1250 | 380 | 2380   | 785 | 863 | 1255     | 1170 | 28-42 | 1320     | 1210 | 28-56 |
| 1200 | 48"    | 470   | 630  | 760  | 2250   | 1000 | 925 | 2250   | 1250 | 380 | 2640   | 785 | 863 | 1485     | 1390 | 32-48 | 1530     | 1420 | 32-56 |
| 1400 | 56"    | 530   | 710  | 850  | 2435   | 1000 | 925 |        |      |     | 2886   |     |     | 1685     | 1590 | 26-48 | 1755     | 1640 | 36-60 |
| 1500 | 60"    | 530   | 710  | 900  | 2435   | 1000 | 925 |        |      |     | 2886   |     |     | 1785     | 1690 | 36-48 | 1855     | 1740 | 36-62 |
| 1600 | 64"    | 600   | 790  | 1030 | 2780   | 1000 | 925 |        |      |     | 3156   |     |     | 1930     | 1820 | 40-56 | 1975     | 1860 | 40-60 |
| 1800 | 72"    | 670   | 870  | 1230 | 3020   | 1100 | 980 |        |      |     | 3421   |     |     | 2130     | 2020 | 44-56 | 2195     | 2070 | 44-68 |
| 2000 | 80"    | 760   | 950  | 1350 | 3270   | 1100 | 980 |        |      |     | 3685   |     |     | 2345     | 2230 | 48-62 | 2425     | 2300 | 48-68 |

**ØJPLS valves**

对夹衬氟蝶阀 Fluorine lined wafer butterfly valve



主要零件及材料 Material of main parts

| 零件名称 Part name                | 材料 Material   |
|-------------------------------|---|
| 上下阀体<br>Up and low valve body | 铸铁 Cast iron、铸钢 Cast steel、<br>不锈钢 Stainless steel、衬 Lining/F4、F46  |
| 阀座 Valve seat                 | F4/F46  |
| 带杆蝶板<br>With lever dish plate | 全衬 Full lining (WCB包衬) F4/F46、<br>半衬 Ladle/Half lining (不锈钢) F4/F46 |
| 衬垫 Liner                      | 硅橡胶 Silicone rubber   |
| 蜗轮手柄<br>Worm handle           | QT400-15球墨铸铁、铝合金 Ductile cast iron                                  |

衬氟蝶阀标准 PTFE-Lined Butterfly Valve Standard

| 技术规范 Technical specification |   |
|------------------------------|---|
| 设计标准<br>Design standard      | GB/T 12238                                    |
| 结构长度<br>Structure length     | GB12221                                       |
| 法兰标准<br>Flange standard      | JB/T 79-94 GB9113.1-26                        |
| 检验试验<br>Inspection and test  | GB/T 13927                                    |
| 驱动方式<br>Drive mode           | 蜗轮 Worm、手动 Manual<br>电动 Electric、气动 Pneumatic |

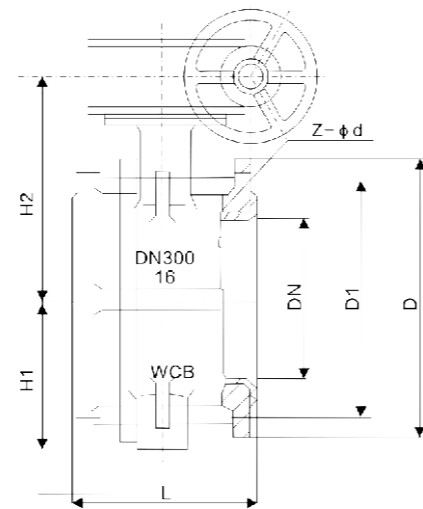
主要外形及连接尺寸 Main external and connecting dimensions(mm)

| 公称通径<br>Nominal diameter<br>DN | 外形尺寸 Shape size |             |      |     |      |          |      |   |      |       | 参考值 The reference value |      | 外形尺寸 Shape size |          |      |    |    |       | 参考值 The reference value |      |    |   |
|--------------------------------|-----------------|-------------|------|-----|------|----------|------|---|------|-------|-------------------------|------|-----------------|----------|------|----|----|-------|-------------------------|------|----|---|
|                                | L               | H2          | H1   | D   |      |          |      |   |      | F     | B                       | Z-φd | D0              | H        | D    |    |    |       |                         |      | D0 | H |
|                                |                 |             |      | D   | D1   | D2       | F    | B | Z-φd |       |                         |      |                 |          | D    | D1 | D2 | F     | B                       | Z-φd |    |   |
| mm                             | inch            | 对夹<br>Wafer |      |     |      | PN1.0MPa |      |   |      |       |                         |      |                 | PN1.6MPa |      |    |    |       |                         |      |    |   |
| 40                             | 1 1/2"          | 33          | 143  | 85  | 150  | 110      | 85   | 3 | 19   | 4-18  | 150                     | 140  | 150             | 110      | 85   | 3  | 19 | 4-18  | 150                     | 140  |    |   |
| 50                             | 2"              | 43          | 143  | 85  | 165  | 125      | 100  | 3 | 19   | 4-18  | 150                     | 140  | 165             | 125      | 100  | 3  | 21 | 4-18  | 150                     | 140  |    |   |
| 65                             | 2 1/2"          | 46          | 157  | 93  | 185  | 145      | 120  | 3 | 21   | 4-18  | 150                     | 150  | 185             | 145      | 120  | 3  | 21 | 4-18  | 150                     | 150  |    |   |
| 80                             | 3"              | 46          | 178  | 100 | 200  | 160      | 135  | 3 | 21   | 4-18  | 150                     | 165  | 200             | 160      | 135  | 3  | 22 | 8-18  | 150                     | 165  |    |   |
| 100                            | 4"              | 52          | 185  | 110 | 220  | 180      | 155  | 3 | 21   | 4-18  | 200                     | 180  | 220             | 180      | 155  | 3  | 23 | 8-18  | 200                     | 180  |    |   |
| 125                            | 5"              | 56          | 206  | 120 | 250  | 210      | 185  | 3 | 23   | 4-18  | 200                     | 200  | 250             | 210      | 185  | 3  | 23 | 8-18  | 200                     | 200  |    |   |
| 150                            | 6"              | 56          | 225  | 160 | 285  | 240      | 210  | 3 | 25   | 8-23  | 280                     | 220  | 285             | 240      | 210  | 3  | 25 | 8-23  | 280                     | 220  |    |   |
| 200                            | 8"              | 60          | 275  | 245 | 340  | 295      | 265  | 3 | 25   | 8-23  | 280                     | 270  | 340             | 295      | 265  | 3  | 25 | 12-27 | 280                     | 270  |    |   |
| 250                            | 10"             | 68          | 326  | 260 | 395  | 350      | 320  | 4 | 28   | 12-23 | 200                     | 320  | 405             | 355      | 320  | 4  | 28 | 12-27 | 200                     | 320  |    |   |
| 300                            | 12"             | 78          | 333  | 300 | 445  | 400      | 370  | 4 | 28   | 12-23 | 240                     | 330  | 460             | 410      | 370  | 4  | 30 | 12-27 | 240                     | 330  |    |   |
| 350                            | 14"             | 78          | 393  | 320 | 505  | 460      | 430  | 4 | 28   | 16-23 | 240                     | 385  | 520             | 470      | 430  | 4  | 32 | 16-27 | 240                     | 385  |    |   |
| 400                            | 16"             | 102         | 438  | 330 | 565  | 515      | 480  | 4 | 28   | 16-26 | 280                     | 430  | 580             | 525      | 480  | 4  | 34 | 16-30 | 280                     | 430  |    |   |
| 450                            | 18"             | 114         | 488  | 380 | 615  | 565      | 530  | 4 | 30   | 20-26 | 280                     | 480  | 640             | 585      | 550  | 4  | 42 | 20-30 | 280                     | 480  |    |   |
| 500                            | 20"             | 127         | 540  | 390 | 670  | 620      | 580  | 4 | 30   | 20-26 | 320                     | 540  | 715             | 650      | 610  | 5  | 42 | 20-33 | 320                     | 540  |    |   |
| 600                            | 24"             | 154         | 615  | 450 | 780  | 725      | 680  | 5 | 34   | 20-30 | 320                     | 610  | 840             | 770      | 720  | 5  | 48 | 20-36 | 320                     | 610  |    |   |
| 700                            | 28"             | 165         | 660  | 480 | 895  | 840      | 795  | 5 | 36   | 24-33 | 360                     | 650  | 910             | 840      | 759  | 5  | 48 | 24-36 | 360                     | 650  |    |   |
| 800                            | 32"             | 190         | 720  | 580 | 1015 | 950      | 900  | 5 | 38   | 24-33 | 360                     | 710  | 1025            | 950      | 900  | 5  | 48 | 24-39 | 360                     | 740  |    |   |
| 900                            | 36"             | 203         | 780  | 625 | 1115 | 1050     | 1000 | 5 | 40   | 28-33 | 380                     | 780  | 1125            | 1050     | 1000 | 5  | 50 | 28-39 | 380                     | 780  |    |   |
| 1000                           | 40"             | 216         | 900  | 660 | 1230 | 1160     | 1115 | 5 | 42   | 28-36 | 400                     | 900  | 1255            | 1170     | 1110 | 5  | 50 | 28-42 | 400                     | 900  |    |   |
| 1200                           | 48"             | 254         | 1070 | 780 | 1455 | 1380     | 1330 | 5 | 44   | 32-39 | 400                     | 1050 | 1485            | 1390     | 1330 | 5  | 50 | 32-48 | 400                     | 1050 |    |   |



**ΦJPLS valves**

双法兰衬氟蝶阀 Fluorine lined double flange butterfly valve



主要零件及材料 Material of main parts

| 零件名称 Part name                | 材料 Material  |
|-------------------------------|--|
| 上下阀体<br>Up and low valve body | 铸铁 Cast iron、铸钢 Cast steel、<br>不锈钢 Stainless steel、衬 Lining/F4、F46   |
| 阀座 Valve seat                 | F4/F46   |
| 带杆蝶板<br>With lever dish plate | 全衬 Full lining (WCB包衬) F4/F46、<br>半衬 Lining/Half lining (不锈钢) F4/F46 |
| 衬垫 Liner                      | 硅橡胶 Silicone rubber  |
| 蜗轮手柄<br>Worm handle           | QT400-15球墨铸铁、铝合金 Ductile cast iron                                   |

衬氟蝶阀标准 PTFE-Lined Butterfly Valve Standard

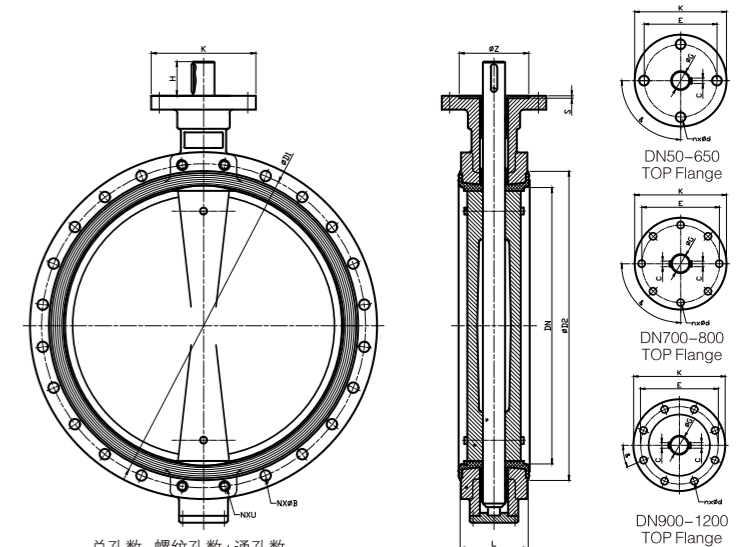
| 技术规范 Technical specification |   |
|------------------------------|---|
| 设计标准<br>Design standard      | GB/T 12238                                    |
| 结构长度<br>Structure length     | GB12221                                       |
| 法兰标准<br>Flange standard      | JB/T 79-94 GB9113.1-26                        |
| 检验试验<br>Inspection and test  | GB/T 13927                                    |
| 驱动方式<br>Drive mode           | 蜗轮 Worm、手动 Manual<br>电动 Electric、气动 Pneumatic |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| 公称口径<br>Nominal diameter<br>DN | 外形尺寸 Shape size |      |     | 连接尺寸 Connection dimension |      |        |        |      |        |
|--------------------------------|-----------------|------|-----|---------------------------|------|--------|--------|------|--------|
|                                | L               | H2   | H1  | 1.0MPa                    |      |        | 1.6MPa |      |        |
|                                |                 |      |     | D                         | D1   | Z-φd   | D      | D1   | Z-φd   |
| 50                             | 108             | 143  | 85  | 160                       | 125  | 4-φ18  | 160    | 125  | 4-φ18  |
| 65                             | 112             | 157  | 93  | 180                       | 145  | 4-φ18  | 180    | 145  | 4-φ18  |
| 80                             | 114             | 178  | 100 | 195                       | 160  | 4-φ18  | 195    | 160  | 8-φ18  |
| 100                            | 127             | 185  | 110 | 215                       | 180  | 8-φ18  | 215    | 180  | 8-φ18  |
| 125                            | 140             | 206  | 120 | 245                       | 210  | 8-φ18  | 245    | 210  | 8-φ18  |
| 150                            | 140             | 225  | 160 | 280                       | 240  | 8-φ23  | 280    | 240  | 8-φ23  |
| 200                            | 152             | 275  | 245 | 335                       | 295  | 8-φ23  | 335    | 295  | 12-φ23 |
| 250                            | 165             | 326  | 260 | 390                       | 350  | 12-φ23 | 405    | 355  | 12-φ26 |
| 300                            | 178             | 333  | 300 | 440                       | 400  | 12-φ23 | 460    | 410  | 12-φ26 |
| 350                            | 190             | 393  | 320 | 500                       | 460  | 16-φ23 | 520    | 470  | 16-φ26 |
| 400                            | 216             | 438  | 330 | 560                       | 515  | 16-φ26 | 580    | 525  | 16-φ30 |
| 450                            | 222             | 488  | 380 | 615                       | 565  | 20-φ26 | 640    | 585  | 20-φ30 |
| 500                            | 229             | 540  | 390 | 670                       | 620  | 20-φ26 | 715    | 650  | 20-φ33 |
| 600                            | 267             | 615  | 450 | 780                       | 725  | 20-φ30 | 840    | 770  | 20-φ36 |
| 700                            | 292             | 660  | 480 | 895                       | 840  | 24-φ30 | 910    | 840  | 24-φ36 |
| 800                            | 318             | 720  | 580 | 1010                      | 950  | 24-φ34 | 1020   | 950  | 24-φ39 |
| 900                            | 330             | 785  | 625 | 1110                      | 1050 | 28-φ34 | 1120   | 1050 | 28-φ39 |
| 1000                           | 410             | 900  | 660 | 1220                      | 1160 | 28-φ34 | 1255   | 1170 | 28-φ42 |
| 1200                           | 470             | 1070 | 780 | 1450                      | 1380 | 32-φ41 | 1485   | 1390 | 32-φ48 |

**ΦJPLS valves**

U型法兰蝶阀 U type flange butterfly valve



总孔数=螺纹孔数+通孔数  
Total number of holes = number of threaded holes  
+ number of through holes

主要零件及材料 Material of main parts

| 零件名称 Part name | 材料 Material   |
|----------------|---|
| 阀体 Body        | 铸铁、球墨铸铁、铸钢、不锈钢<br>Cast iron, Nodular cast iron, Cast steel, Stainless steel |
| 蝶板 Plate       | 球铁镀镍、不锈钢覆尼龙、聚四氟乙烯<br>Ductile iron nickel plated, Stainless steel, PTFE      |
| 阀座 Seat        | 丁腈橡胶、乙丙橡胶、海水专用、氟橡胶、四氟<br>NBR, EPDM, Sea water, VITON, PTFE                  |
| 阀杆 Stem        | 2Cr13、不锈钢、45#镀镍<br>2Cr13, Stainless steel, 45# nickel plated                |
| 填料 Packing     | 丁腈橡胶、乙丙橡胶、氟丁橡胶、四氟橡胶、油性盘根<br>NBR, EPDM, Neoprene, PTFE, Oily packing         |

衬氟蝶阀标准 PTFE-Lined Butterfly Valve Standard

| 技术规范 Technical specification |   |
|------------------------------|---|
| 设计标准<br>Design standard      | GB/T 12238                                    |
| 结构长度<br>Structure length     | GB12221                                       |
| 法兰标准<br>Flange standard      | GB/T17241.6, GB9113.1-26, JB/T 79-94          |
| 检验试验<br>Inspection and test  | GB/T 13927                                    |
| 驱动方式<br>Drive mode           | 蜗轮 Worm、手动 Manual<br>电动 Electric、气动 Pneumatic |

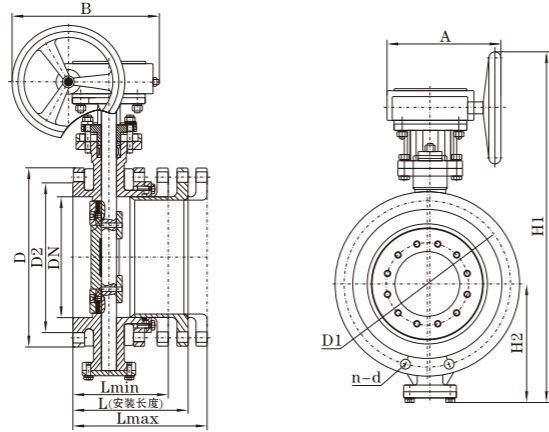
主要外形及连接尺寸 Main external and connecting dimensions(mm)

| DN   | NPS   | ΦD   |      |        | ΦD1  |       |       | ΦD2      |          |          | N × ΦB  |         |                | L       | H   | K   | E   | ΦG     | C      | n × Φd  | &     |
|------|-------|------|------|--------|------|-------|-------|----------|----------|----------|---------|---------|----------------|---------|-----|-----|-----|--------|--------|---------|-------|
|      |       | PN10 | PN16 | 150LB  | PN10 | PN16  | 150LB | PN10     | PN16     | 150LB    | PN10    | PN16    | 150LB          |         |     |     |     |        |        |         |       |
|      |       | 50   | 2    | 125    | 125  | 120.7 | 73    | 73       | 73       | 4 × φ19  | 4 × φ19 | 4 × φ19 |                |         |     |     |     |        |        |         |       |
| 65   | 2 1/2 | 145  | 145  | 139.7  | 85   | 85    | 85    | 4 × φ19  | 4 × φ19  | 4 × φ19  |         |         |                | 46      | 28  | 77  | 57  | φ12.6  | 3      | 4 × φ7  | 90°   |
| 80   | 3     | 160  | 160  | 152.4  | 100  | 100   | 100   | 8 × φ19  | 8 × φ19  | 4 × φ19  |         |         |                | 46      | 28  | 77  | 57  | φ12.6  | 3      | 4 × φ7  | 90°   |
| 100  | 4     | 180  | 180  | 190.5  | 131  | 131   | 131   | 8 × φ19  | 8 × φ19  | 8 × φ19  |         |         |                | 52      | 32  | 92  | 70  | φ15.77 | 5      | 4 × φ10 | 90°   |
| 125  | 5     | 210  | 210  | 215.9  | 155  | 155   | 155   | 8 × φ19  | 8 × φ19  | 8 × φ22  |         |         |                | 56      | 32  | 92  | 70  | φ18.92 | 5      | 4 × φ10 | 90°   |
| 150  | 6     | 240  | 240  | 241.3  | 185  | 185   | 185   | 8 × φ23  | 8 × φ23  | 8 × φ22  |         |         |                | 56      | 32  | 92  | 70  | φ18.92 | 5      | 4 × φ10 | 90°   |
| 200  | 8     | 295  | 295  | 298.5  | 234  | 234   | 234   | 8 × φ23  | 12 × φ23 | 8 × φ22  |         |         |                | 60      | 42  | 115 | 89  | φ22.1  | 5      | 4 × φ14 | 90°   |
| 250  | 10    | 350  | 355  | 362    | 288  | 288   | 288   | 12 × φ23 | 12 × φ28 | 12 × φ26 |         |         |                | 68      | 45  | 115 | 89  | φ28.45 | 8      | 4 × φ14 | 90°   |
| 300  | 12    | 400  | 410  | 431.8  | 340  | 340   | 340   | 12 × φ23 | 12 × φ28 | 12 × φ26 |         |         |                | 78      | 45  | 140 | 108 | φ31.6  | 8      | 4 × φ14 | 90°   |
| 350  | 14    | 460  | 470  | 476.3  | 371  | 371   | 371   | 12 × φ23 | 12 × φ28 | 8 × φ29  | 4 × M20 | 4 × M24 | 4 × 1"-8UN     | 78      | 45  | 140 | 108 | φ31.6  | 8      | 4 × φ14 | 90°   |
| 400  | 16    | 515  | 525  | 539.8  | 480  | 480   | 469.9 | 12 × φ28 | 12 × φ31 | 12 × φ29 | 4 × M24 | 4 × M27 | 4 × 1"-8UN     | 86/102  | 55  | 197 | 159 | φ33.15 | 10     | 4 × φ20 | 90°   |
| 450  | 18    | 565  | 585  | 577.9  | 530  | 548   | 533.4 | 16 × φ28 | 16 × φ31 | 12 × φ32 | 4 × M24 | 4 × M27 | 4 × 1 1/8"-8UN | 104/114 | 55  | 197 | 159 | φ37.95 | 10     | 4 × φ20 | 90°   |
| 500  | 20    | 620  | 650  | 635    | 582  | 609   | 584.2 | 16 × φ28 | 16 × φ34 | 16 × φ32 | 4 × M24 | 4 × M30 | 4 × 1 1/8"-8UN | 130/127 | 55  | 197 | 159 | φ41.15 | 10     | 4 × φ20 | 90°   |
| 550  | 22    | 675  | 710  | 692.1  | 633  | 666   | 637.1 | 16 × φ31 | 16 × φ34 | 16 × φ35 | 4 × M27 | 4 × M60 | 4 × 1 1/4"-8UN | 150     | 55  | 197 | 159 | φ41.15 | 10     | 4 × φ20 | 90°   |
| 600  | 24    | 725  | 770  | 749.3  | 682  | 720   | 692.2 | 16 × φ31 | 16 × φ37 | 16 × φ35 | 4 × M27 | 4 × M33 | 4 × 1 1/4"-8UN | 154     | 70  | 276 | 216 | φ50.65 | 16     | 4 × φ22 | 90°   |
| 650  | 26    | 780  | 790  | 806.4  | 736  | 743   | 749   | 20 × φ31 | 20 × φ37 | 20 × φ35 | 4 × M27 | 4 × M33 | 4 × 1 1/4"-8UN | 172     | 70  | 276 | 216 | φ50.65 | 16     | 4 × φ22 | 90°   |
| 700  | 28    | 840  | 840  | 863.6  | 794  | 794   | 800   | 20 × φ31 | 20 × φ37 | 24 × φ35 | 4 × M27 | 4 × M33 | 4 × 1 1/4"-8UN | 165     | 80  | 300 | 254 | φ63.35 | 2 × 18 | 8 × φ18 | 90°   |
| 750  | 30    | 900  | 900  | 914.4  | 854  | 854   | 857   | 20 × φ34 | 20 × φ37 | 24 × φ35 | 4 × M30 | 4 × M36 | 4 × 1 1/4"-8UN | 167     | 80  | 300 | 254 | φ63.35 | 2 × 18 | 8 × φ18 | 90°   |
| 800  | 32    | 950  | 950  | 977.9  | 901  | 901   | 914   | 20 × φ34 | 20 × φ40 | 24 × φ42 | 4 × M30 | 4 × M36 | 4 × 1 1/2"-8UN | 190     | 80  | 300 | 254 | φ63.35 | 2 × 18 | 8 × φ18 | 90°   |
| 900  | 36    | 1050 | 1050 | 1085.8 | 1001 | 1001  | 1022  | 24 × φ34 | 24 × φ40 | 28 × φ42 | 4 × M30 | 4 × M36 | 4 × 1 1/2"-8UN | 203     | 110 | 300 | 254 | φ75    | 2 × 20 | 8 × φ18 | 22.5° |
| 1000 | 40    | 1160 | 1170 | 1200.2 | 1112 | 1112  | 1124  | 24 × φ37 | 24 × φ43 | 32 × φ42 | 4 × M33 | 4 × M39 | 4 × 1 1/2"-8UN | 216     | 110 | 300 | 254 | φ85    | 2 × 22 | 8 × φ18 | 22.5° |
| 1100 | 44    | 1270 | 1270 | 1313.4 | 1215 | 1215  | 1245  | 28 × φ37 | 28 × φ43 | 36 × φ42 | 4 × M33 | 4 × M39 | 4 × 1 1/2"-8UN | 251     | 120 | 300 | 254 | φ95    | 2 × 25 | 8 × φ18 | 22.5° |
| 1200 | 48    | 1380 | 1390 | 1422.4 | 1328 | 1328  | 1359  | 28 × φ40 | 28 × φ49 | 40 × φ42 | 4 × M36 | 4 × M45 | 4 × 1 1/2"-8UN | 276/254 | 150 | 350 | 298 | φ105   | 2 × 28 | 8 × φ22 | 22.5° |



**ΦJPLS valves**

伸缩蝶阀 Telescopic butterfly valve



主要零件及材料 Material of main parts

| 零件名称 Part name | 材料 Material   |
|----------------|---|
| 阀体 Body        | 铸铁、碳钢、不锈钢、合金钢<br>Cast iron, carbon steel, stainless steel, alloy steel                  |
| 蝶板 Plate       | 碳钢、合金钢、不锈钢、铬钼钢<br>Carbon steel, alloy steel, stainless steel, chromium molybdenum steel |
| 密封圈            | 橡胶、聚四氟、聚内脂、不锈钢<br>Rubber, teflon, polyester, stainless steel                            |
| 阀杆 Stem        | 2Cr13、不锈钢、铬钼钢<br>2Cr13, stainless steel, chromium molybdenum steel                      |
| 伸缩管            | 铸铁、碳钢、不锈钢、铬钼钢<br>Cast iron, carbon steel, stainless steel, chromium molybdenum steel    |

衬氟蝶阀标准 PTFE-Lined Butterfly Valve Standard

| 技术规范 Technical specification |                    |
|------------------------------|--------------------|
| 设计标准 Design standard         | GB/T 12238         |
| 结构长度 Structure length        | GB12221            |
| 法兰标准 Flange standard         | GB9113.1-26 GB4216 |
| 压力试验 Inspection and test     | GB/T13927 JB/T9092 |

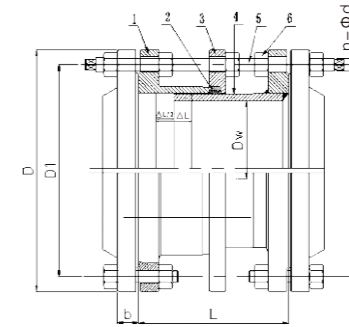
主要外形及连接尺寸 Main external and connecting dimensions(mm)

| DN   |       | 外形尺寸 Shape size |           |        |      |      |      |     | 连接尺寸 Connection dimension |      |      |       |        |      |      |       |        |      |      |       |
|------|-------|-----------------|-----------|--------|------|------|------|-----|---------------------------|------|------|-------|--------|------|------|-------|--------|------|------|-------|
|      |       | 最大长度 Lmax       | 最小长度 Lmin | 安装长度 L | H1   | H2   | A    | B   | 0.6MPa                    |      |      |       | 1.0MPa |      |      |       | 1.6MPa |      |      |       |
| mm   | Inch  |                 |           |        |      |      |      | D   | D1                        | D2   | n-d  | D     | D1     | D2   | n-d  | D     | D1     | D2   | n-d  |       |
| 50   | 2     | 210             | 170       | 190    | 309  | 80   | 180  | 200 | 140                       | 110  | 88   | 4-14  | 165    | 125  | 99   | 4-18  | 165    | 125  | 99   | 4-18  |
| 65   | 2 1/2 | 210             | 170       | 190    | 337  | 95   | 180  | 200 | 160                       | 130  | 108  | 4-14  | 185    | 145  | 118  | 4-18  | 185    | 145  | 118  | 4-18  |
| 80   | 3     | 210             | 170       | 190    | 347  | 98   | 180  | 200 | 190                       | 150  | 124  | 4-18  | 200    | 160  | 132  | 8-18  | 200    | 160  | 132  | 8-18  |
| 100  | 4     | 240             | 200       | 220    | 373  | 114  | 180  | 200 | 210                       | 170  | 144  | 4-18  | 220    | 180  | 156  | 8-18  | 220    | 180  | 156  | 8-18  |
| 125  | 5     | 240             | 200       | 220    | 405  | 128  | 180  | 200 | 240                       | 200  | 174  | 8-18  | 250    | 210  | 184  | 8-18  | 250    | 210  | 184  | 8-18  |
| 150  | 6     | 240             | 200       | 220    | 440  | 139  | 270  | 280 | 265                       | 225  | 199  | 8-18  | 285    | 240  | 211  | 8-22  | 285    | 240  | 211  | 8-22  |
| 200  | 8     | 280             | 230       | 255    | 612  | 174  | 400  | 425 | 320                       | 280  | 254  | 8-18  | 340    | 295  | 266  | 8-22  | 340    | 295  | 266  | 12-22 |
| 250  | 10    | 280             | 230       | 255    | 693  | 215  | 400  | 425 | 375                       | 335  | 309  | 12-18 | 395    | 350  | 319  | 12-22 | 405    | 355  | 319  | 12-26 |
| 300  | 12    | 310             | 260       | 285    | 747  | 245  | 450  | 560 | 440                       | 395  | 363  | 12-22 | 445    | 400  | 370  | 12-22 | 460    | 410  | 370  | 12-26 |
| 350  | 14    | 310             | 260       | 285    | 802  | 270  | 450  | 560 | 490                       | 445  | 413  | 12-22 | 505    | 460  | 429  | 16-22 | 520    | 470  | 429  | 16-26 |
| 400  | 16    | 360             | 300       | 330    | 991  | 305  | 535  | 580 | 540                       | 495  | 463  | 16-22 | 565    | 515  | 480  | 16-26 | 580    | 525  | 480  | 16-30 |
| 450  | 18    | 360             | 300       | 330    | 1037 | 325  | 535  | 580 | 595                       | 550  | 518  | 16-22 | 615    | 565  | 530  | 20-26 | 640    | 585  | 548  | 20-30 |
| 500  | 20    | 360             | 300       | 330    | 1127 | 360  | 535  | 580 | 645                       | 600  | 568  | 20-22 | 670    | 620  | 582  | 20-26 | 715    | 650  | 609  | 20-33 |
| 600  | 24    | 420             | 350       | 385    | 1377 | 445  | 570  | 660 | 755                       | 705  | 667  | 20-26 | 780    | 725  | 682  | 20-30 | 840    | 770  | 720  | 20-36 |
| 700  | 28    | 420             | 350       | 385    | 1496 | 505  | 570  | 550 | 860                       | 810  | 772  | 24-26 | 895    | 840  | 794  | 24-30 | 910    | 840  | 794  | 24-36 |
| 800  | 32    | 470             | 400       | 435    | 1584 | 560  | 750  | 550 | 975                       | 920  | 878  | 24-30 | 1015   | 950  | 901  | 24-33 | 1025   | 950  | 901  | 24-39 |
| 900  | 36    | 470             | 400       | 435    | 1676 | 630  | 750  | 550 | 1075                      | 1020 | 978  | 24-30 | 1115   | 1050 | 1001 | 28-33 | 1125   | 1050 | 1001 | 28-39 |
| 1000 | 40    | 580             | 500       | 540    | 1760 | 680  | 900  | 750 | 1175                      | 1120 | 1078 | 28-30 | 1230   | 1160 | 1112 | 28-36 | 1255   | 1170 | 1112 | 28-42 |
| 1200 | 48    | 630             | 550       | 590    | 2018 | 795  | 1000 | 925 | 1405                      | 1340 | 1295 | 32-33 | 1455   | 1380 | 1328 | 32-39 | 1485   | 1390 | 1328 | 32-48 |
| 1400 | 56    | 730             | 650       | 690    | 2363 | 900  | 1000 | 925 | 1630                      | 1560 | 1510 | 36-36 | 1675   | 1590 | 1530 | 36-42 | 1685   | 1590 | 1530 | 36-48 |
| 1600 | 64    | 800             | 700       | 750    | 2723 | 1100 | 1000 | 925 | 1830                      | 1760 | 1710 | 40-36 | 1915   | 1820 | 1750 | 40-48 | 1930   | 1820 | 1750 | 40-56 |
| 1800 | 72    | 850             | 750       | 800    | 2844 | 1124 | 1100 | 980 | 2045                      | 1970 | 1718 | 44-39 | 2115   | 2020 | 1950 | 44-48 | 2130   | 2020 | 1950 | 44-56 |
| 2000 | 80    | 950             | 850       | 900    | 3127 | 1292 | 1100 | 980 | 2265                      | 2180 | 2125 | 48-42 | 2325   | 2230 | 2150 | 48-48 | 2345   | 2230 | 2150 | 48-60 |

**ΦJPLS valves**

管道伸缩器 Expansion joint

VSSJAF型双法兰传力接头 Double flanged joint force



1. 阀体 Valve body
2. 密封圈 Sealing ring
3. 压盖 The gland
4. 短管法兰 Pipe flange
5. 螺栓 Bolt
6. 螺母 Nut

主要零件及材料 Material of main parts

| 零件名称 Part name    | 材料 Material   |
|-------------------|---|
| 伸缩座 Flexible seat | 铸铁、铸钢、不锈钢、碳钢焊接件<br>Cast iron, cast steel, stainless steel, carbon steel weld parts                        |
| 伸缩管 Flexible tube | 铸铁、铸钢、不锈钢、碳钢焊接件<br>Cast iron, cast steel, stainless steel, carbon steel weld parts                        |
| 密封圈 Seal          | 丁腈橡胶、氯丁橡胶、乙丙橡胶、硅橡胶、氟橡胶<br>Styrene rubber, neoprene, ethane prople rubber, silicon rubber, fluorine rubber |

衬氟蝶阀标准 PTFE-Lined Butterfly Valve Standard

| 技术规范 Technical specification |                                 |
|------------------------------|---------------------------------|
| 设计标准 Design standard         | GB/T 12238                      |
| 结构长度 Structure length        | GB12221                         |
| 法兰标准 Flange standard         | GB/T17241.6 ISO7005-2 /BSEN1092 |
| 压力试验 Inspection and test     | GB/T13927 ISO 5028/ BS 6755-1   |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| 公称通径 Nominal diameter DN(mm) | 管子外径 Pipe diameter Dw | 外形尺寸 |     | 法兰连接尺寸 Flange connection size |      |       |    |        |      |       |     |
|------------------------------|-----------------------|------|-----|-------------------------------|------|-------|----|--------|------|-------|-----|
|                              |                       | L    | ΔL  | 0.6MPa                        |      |       |    | 1.0MPa |      |       |     |
|                              |                       |      |     | D                             | D1   | n-φd  | b  | D      | D1   | n-φd  | b   |
| 100                          | 114                   | 200  | 40  | 210                           | 170  | 4-18  | 18 | 220    | 180  | 8-18  | 24  |
| 125                          | 140                   |      |     | 240                           | 200  | 8-18  | 20 | 250    | 210  | 8-18  | 26  |
| 150                          | 168                   |      |     | 265                           | 225  | 8-18  | 20 | 285    | 240  | 8-23  | 26  |
| 200                          | 219                   |      |     | 320                           | 280  | 8-18  | 22 | 340    | 295  | 8-23  | 28  |
| 250                          | 273                   | 220  | 50  | 375                           | 335  | 12-18 | 24 | 395    | 350  | 12-23 | 28  |
| 300                          | 325                   |      |     | 440                           | 395  | 12-23 | 24 | 445    | 400  | 12-23 | 28  |
| 350                          | 377                   |      |     | 490                           | 445  | 12-23 | 26 | 505    | 460  | 16-23 | 30  |
| 400                          | 426                   |      |     | 540                           | 495  | 16-23 | 28 | 565    | 515  | 16-26 | 30  |
| 450                          | 480                   | 240  | 60  | 595                           | 550  | 16-23 | 28 | 615    | 565  | 20-26 | 32  |
| 500                          | 530                   |      |     | 645                           | 600  | 20-23 | 30 | 670    | 620  | 20-26 | 34  |
| 600                          | 630                   |      |     | 755                           | 705  | 20-26 | 30 | 780    | 725  | 20-30 | 36  |
| 700                          | 720                   |      |     | 860                           | 810  | 24-26 | 32 | 895    | 840  | 24-30 | 40  |
| 800                          | 820                   | 350  | 80  | 975                           | 920  | 24-30 | 32 | 1015   | 950  | 24-34 | 44  |
| 900                          | 920                   |      |     | 1075                          | 1020 | 24-30 | 34 | 1115   | 1050 | 28-34 | 46  |
| 1000                         | 1020                  |      |     | 1175                          | 1120 | 28-30 | 36 | 1230   | 1160 | 28-36 | 50  |
| 1200                         | 1220                  |      |     | 1405                          | 1340 | 32-34 | 40 | 1455   | 1380 | 32-39 | 56  |
| 1400                         | 1420                  | 370  | 100 | 1630                          | 1560 | 36-36 | 44 | 1675   | 1590 | 36-42 | 62  |
| 1600                         | 1620                  |      |     | 1830                          | 1760 | 40-36 | 48 | 1915   | 1820 | 40-48 | 68  |
| 1800                         | 1820                  |      |     | 2045                          | 1970 | 44-41 | 50 | 2115   | 2020 | 44-48 | 70  |
| 2000                         | 2020                  |      |     | 2265                          | 2180 | 48-42 | 54 | 2325   | 2230 | 48-48 | 74  |
| 2200                         | 2220                  | 400  | 120 | 2475                          | 2390 | 52-48 | 60 | 2550   | 2440 | 52-56 | 80  |
| 2400                         | 2420                  |      |     | 2685                          | 2600 | 56-48 | 62 | 2760   | 2650 | 56-56 | 82  |
| 2600                         | 2620                  |      |     | 2905                          | 2810 | 60-48 | 64 | 2960   | 2850 | 60-56 | 88  |
| 2800                         | 2820                  |      |     | 3115                          | 3020 | 64-49 | 68 | 3180   | 3070 | 64-56 | 94  |
| 3000                         | 3020                  | 450  | 140 | 3315                          | 3220 | 68-49 | 70 | 3405   | 3290 | 68-60 | 100 |
| 3200                         | 3220                  |      |     | 3525                          | 3430 | 72-49 | 76 | 3605   | 3490 | 72-56 | -   |
| 3400                         | 3420                  |      |     | 3735                          | 3640 | 76-49 | 80 | 3805   | 3690 | 76-56 | -   |
| 3600                         | 3620                  |      |     | 3970                          | 3860 | 80-56 | 82 | 4005   | 3890 | 80-56 | -   |

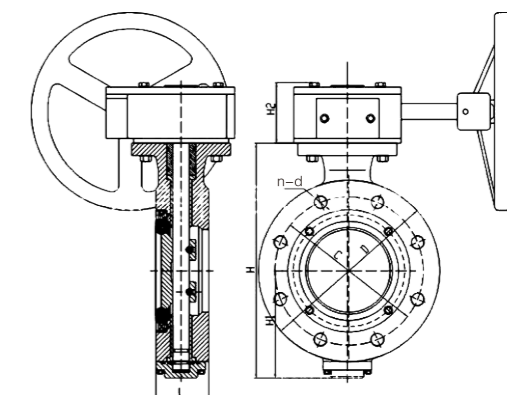


**ΦJPLS** valves

天津普洛斯阀门有限公司  
TIANJIN PULOS VALVE CO., LTD.

**ΦJPLS** valves

船用短法兰蝶阀 Marine short flange butterfly valve



主要零件及材料 Material of main parts

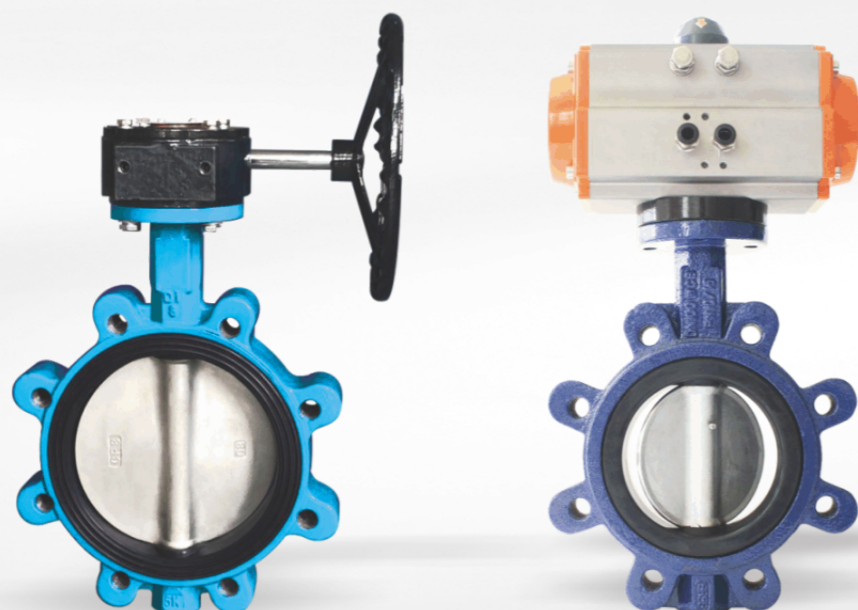
| 零件名称 Part name        | 材料 Material   |
|-----------------------|---|
| 阀体<br>Body Materials  | 球铁 Ductile iron, 铸钢 Cast steel, 不锈钢 Stainless Steel, 双向钢 Two-way steel, 青铜 C954 Bronze C954 |
| 阀板<br>Plate Materials | SUS 304, SUS 316, SUS 2205, SUS 2507, SUS 1.4529 C954                                       |
| 阀轴<br>Shaft Materials | 45# 416 SS304 SS316   |
| 阀座<br>Seat Materials  | NBR, EPDM, VITON, PTFE  |
| 驱动方式<br>Operate       | 手柄 Manual, 蜗轮 Worm gear, 气动 Pneumatic, 电动 Electric-Motorized                                |

设计标准 Valve design

| 技术规范 Technical specification |                               |
|------------------------------|-------------------------------|
| 设计标准<br>Valve design         | API 609                       |
| 结构长度<br>Face to Face         | JIS B2002                     |
| 压力试验<br>Pressure test        | JIS B2003                     |
| 连接法兰<br>Flange Drilling      | JIS B2212 JIS B2213 JIS B2214 |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

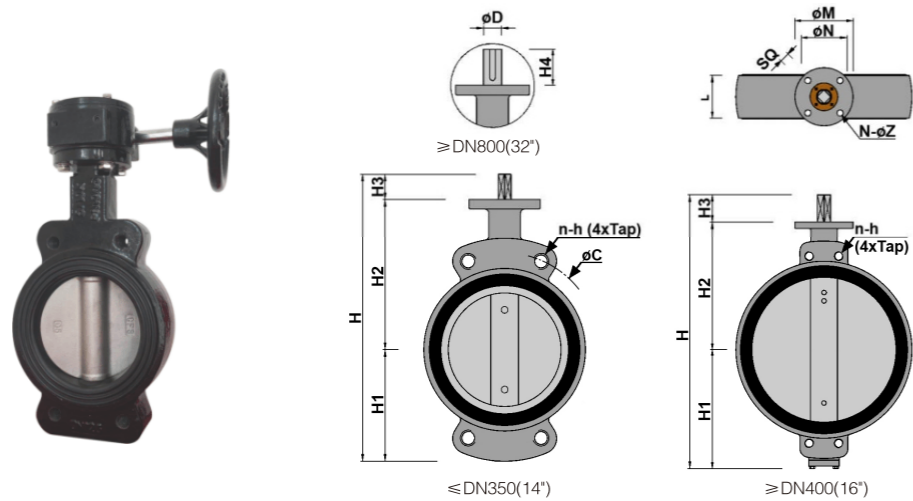
| 公称压力<br>Nominal pressure<br>(MPa) | 公称直径<br>Nominal diameter<br>(mm) | 结构及法兰尺寸 Structure & Flange Dimension |     |                |     |     |                |                |     |                | 螺孔 Hole of Nut |       |       |        |       |        |
|-----------------------------------|----------------------------------|--------------------------------------|-----|----------------|-----|-----|----------------|----------------|-----|----------------|----------------|-------|-------|--------|-------|--------|
|                                   |                                  | ISO (GB2501-89)                      |     |                | JIS |     |                | ISO (GB569-65) |     |                | ISO            |       | JIS   |        | GB    |        |
|                                   |                                  | L                                    | D   | D <sub>1</sub> | L   | D   | D <sub>1</sub> | L              | D   | D <sub>1</sub> | n-d            | n-Th. | n-d   | n-Th.  | n-d   | n-Th.  |
| 1.0                               | 50                               | 43                                   | 165 | 125            | 43  | 155 | 120            | 43             | 135 | 103            | 4-18           | 4-M16 | 4-19  | 4-M16  | 6-16  | 6-M14  |
|                                   | 65                               | 45                                   | 185 | 145            | 45  | 175 | 140            | 45             | 155 | 123            | 4-18           | 4-M16 | 4-19  | 4-M16  | 6-16  | 6-M14  |
|                                   | 80                               | 60                                   | 200 | 160            | 60  | 185 | 150            | 60             | 170 | 138            | 8-18           | 4-M16 | 8-19  | 8-M16  | 8-16  | 8-M14  |
|                                   | 100                              | 60                                   | 220 | 180            | 60  | 210 | 175            | 60             | 190 | 158            | 8-18           | 4-M16 | 8-23  | 8-M20  | 8-16  | 8-M14  |
|                                   | 125                              | 100                                  | 250 | 210            | 100 | 250 | 210            | 100            | 215 | 183            | 8-18           | 4-M16 | 8-23  | 8-M16  | 10-16 | 10-M14 |
|                                   | 150                              | 100                                  | 285 | 240            | 100 | 280 | 240            | 100            | 240 | 208            | 8-22           | 4-M20 | 8-23  | 8-M20  | 12-16 | 12-M14 |
|                                   | 200                              | 100                                  | 340 | 295            | 100 | 330 | 290            | 100            | 310 | 273            | 8-22           | 4-M20 | 12-23 | 12-M20 | 12-19 | 12-M16 |
|                                   | 250                              | 110                                  | 395 | 350            | 110 | 400 | 355            | 110            | 380 | 336            | 12-22          | 4-M20 | 12-25 | 12-M22 | 14-23 | 14-M20 |
|                                   | 300                              | 110                                  | 445 | 400            | 110 | 445 | 400            | 110            | 435 | 391            | 12-22          | 4-M20 | 16-25 | 16-M22 | 16-23 | 16-M20 |
|                                   | 350                              | 120                                  | 505 | 460            | 120 | 490 | 445            | 120            | 485 | 441            | 16-22          | 4-M20 | 16-25 | 16-M22 | 18-23 | 18-M20 |
|                                   | 400                              | 130                                  | 565 | 515            | 130 | 560 | 510            | 130            | 545 | 496            | 16-26          | 4-M24 | 16-27 | 16-M24 | 18-27 | 18-M24 |
|                                   | 450                              | 150                                  | 615 | 565            | 150 | 620 | 565            | 150            | 600 | 551            | 20-28          | 4-M24 | 20-27 | 20-M24 | 20-27 | 20-M24 |
|                                   | 500                              | 160                                  | 670 | 620            | 160 | 675 | 620            | 160            | 650 | 601            | 20-28          | 4-M24 | 20-27 | 20-M24 | 20-27 | 20-M24 |
|                                   | 600                              | 170                                  | 730 | 675            | 170 | 745 | 680            | 170            |     |                | 20-31          | 4-M27 | 24-33 | 24-M30 |       |        |





**ΦJPLS valves**

船用半凸耳蝶阀 Marine semi-lug butterfly valve



主要零件及材料 Material of main parts

| 零件名称 Part name     | 材料 Material   |
|--------------------|---|
| 阀体 Body Materials  | 球铁 Ductile iron, 铸钢 Cast steel, 不锈钢 Stainless Steel, 双向钢 Two-way steel, 青铜 C954 Bronze C954 |
| 阀板 Plate Materials | SUS 304, SUS 316, SUS 2205, SUS 2507, SUS 1.4529 C954                                       |
| 阀轴 Shaft Materials | 45# 416 SS304 SS316   |
| 阀座 Seat Materials  | NBR, EPDM, VITON, PTFE  |

设计标准 Valve design

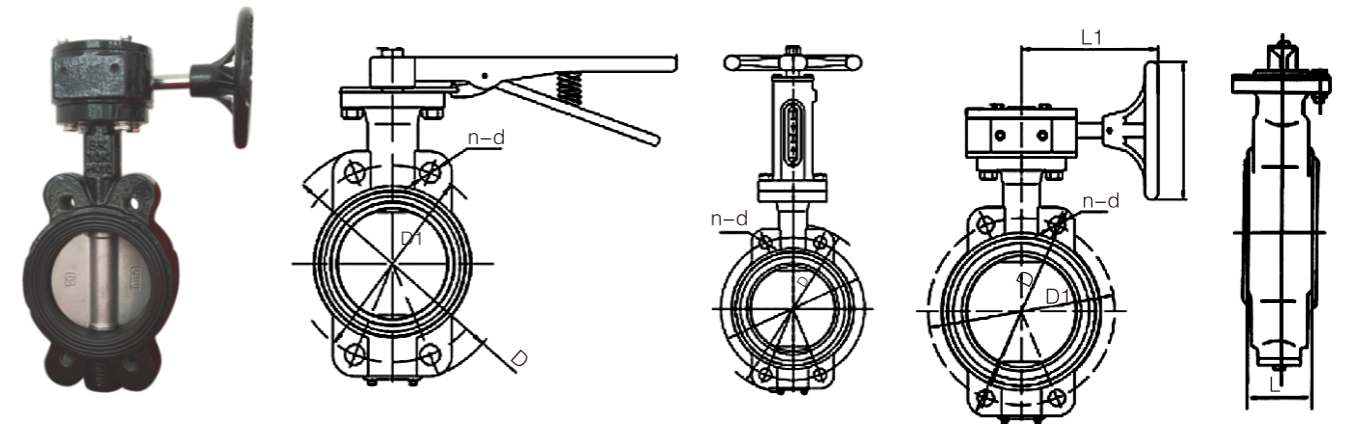
| 技术规范 Technical specification |                               |
|------------------------------|-------------------------------|
| 设计标准 Valve design            | API 609-83                    |
| 结构长度 Face to Face            | JIS B2002                     |
| 压力试验 Pressure test           | JIS B2003                     |
| 连接法兰 Flange Drilling         | JIS B2212 JIS B2213 JIS B2214 |

主要外形及连接尺寸 Main external and connecting dimensions DN 50-1200, DIN PN10, PN16, ANSI 150 (mm)

| DN   | L   | H    | H1  | H2  | H4  | Stem  |         |        |    | Top Flange |     |     |        | kg  | DIN PN10 |           |      |           | DIN PN16 |             |   |     | ANSI 150 |     |  |  |
|------|-----|------|-----|-----|-----|-------|---------|--------|----|------------|-----|-----|--------|-----|----------|-----------|------|-----------|----------|-------------|---|-----|----------|-----|--|--|
|      |     |      |     |     |     | Round |         | Square |    | ISO 5211   | N   | M   | n × o  |     | C        | n-h       | C    | n-h       | C        | n-h         | C | n-h | C        | n-h |  |  |
|      |     |      |     |     |     | D     | Key     | SQ     | H3 |            |     |     |        |     |          |           |      |           |          |             |   |     |          |     |  |  |
| 50   | 43  | 216  | 55  | 128 | 33  | 14    | 5 × 5   | 9      | 33 | F07        | 70  | 90  | 4 × 9  | 10  | 125      | 4 × M16   | 125  | 4 × M16   | 120.5    | 4 × 5/8"    |   |     |          |     |  |  |
| 65   | 46  | 239  | 66  | 140 | 33  | 14    | 5 × 5   | 9      | 33 | F07        | 70  | 90  | 4 × 9  | 11  | 145      | 4/8 × M16 | 145  | 4/8 × M16 | 139.5    | 4 × 5/8"    |   |     |          |     |  |  |
| 80   | 46  | 258  | 75  | 150 | 33  | 14    | 5 × 5   | 9      | 33 | F07        | 70  | 90  | 4 × 9  | 11  | 160      | 8 × M16   | 160  | 8 × M16   | 152.5    | 4 × 5/8"    |   |     |          |     |  |  |
| 100  | 52  | 293  | 95  | 165 | 33  | 19    | 6 × 6   | 12     | 33 | F07        | 70  | 90  | 4 × 9  | 12  | 180      | 8 × M16   | 180  | 8 × M16   | 190.5    | 8 × 5/8"    |   |     |          |     |  |  |
| 125  | 56  | 326  | 115 | 178 | 33  | 19    | 6 × 6   | 12     | 33 | F07        | 70  | 90  | 4 × 9  | 13  | 210      | 8 × M16   | 210  | 8 × M16   | 216.0    | 8 × 3/4"    |   |     |          |     |  |  |
| 150  | 56  | 353  | 130 | 190 | 33  | 19    | 6 × 6   | 12     | 33 | F07        | 70  | 90  | 4 × 9  | 15  | 240      | 8 × M20   | 240  | 8 × M20   | 241.5    | 8 × 3/4"    |   |     |          |     |  |  |
| 200  | 60  | 435  | 155 | 230 | 50  | 22    | 8 × 7   | 17     | 50 | F10        | 102 | 125 | 4 × 12 | 19  | 295      | 8 × M20   | 295  | 12 × M20  | 298.5    | 8 × 3/4"    |   |     |          |     |  |  |
| 250  | 68  | 535  | 215 | 270 | 50  | 25    | 8 × 7   | 17     | 50 | F10        | 102 | 125 | 4 × 12 | 37  | 350      | 12 × M20  | 355  | 12 × M24  | 362.0    | 12 × 7/8"   |   |     |          |     |  |  |
| 300  | 78  | 611  | 251 | 310 | 50  | 32    | 10 × 8  | 22     | 50 | F10        | 102 | 125 | 4 × 12 | 47  | 400      | 12 × M20  | 410  | 12 × M24  | 432.0    | 12 × 7/8"   |   |     |          |     |  |  |
| 350  | 78  | 655  | 270 | 335 | 50  | 32    | 10 × 8  | 27     | 50 | F10        | 140 | 175 | 4 × 12 | 67  | 460      | 16 × M20  | 470  | 16 × M24  | 476.0    | 12 × 1"     |   |     |          |     |  |  |
| 400  | 102 | 755  | 325 | 370 | 60  | 40    | 12 × 8  | 27     | 60 | F14        | 140 | 175 | 4 × 18 | 91  | 515      | 16 × M24  | 525  | 16 × M27  | 539.5    | 16 × 1"     |   |     |          |     |  |  |
| 450  | 114 | 797  | 347 | 390 | 60  | 40    | 12 × 8  | 27     | 60 | F14        | 140 | 175 | 4 × 18 | 104 | 565      | 20 × M24  | 585  | 20 × M27  | 578.0    | 16 × 1 1/8" |   |     |          |     |  |  |
| 500  | 127 | 883  | 383 | 420 | 80  | 45    | 14 × 9  | 36     | 80 | F16        | 165 | 210 | 4 × 22 | 154 | 620      | 20 × M24  | 650  | 20 × M30  | 635.0    | 20 × 1 1/8" |   |     |          |     |  |  |
| 600  | 154 | 1028 | 453 | 495 | 80  | 65    | 20 × 12 | 50     | 80 | F16        | 165 | 210 | 4 × 22 | 240 | 725      | 20 × M27  | 770  | 20 × M33  | 749.5    | 20 × 1 1/4" |   |     |          |     |  |  |
| 700  | 165 | 1150 | 515 | 555 | 80  | 65    | 20 × 12 | 50     | 90 | F16        | 165 | 210 | 4 × 22 | 305 | 840      | 24 × M27  | 840  | 24 × M33  | 863.5    | 28 × 1 1/4" |   |     |          |     |  |  |
| 800  | 190 | 1352 | 592 | 640 | 90  | 65    | 20 × 12 | -      | -  | F25        | 254 | 300 | 8 × 18 | 403 | 950      | 24 × M30  | 950  | 24 × M36  | 978.0    | 28 × 1 1/2" |   |     |          |     |  |  |
| 900  | 203 | 1488 | 658 | 700 | 130 | 80    | 22 × 14 | -      | -  | F25        | 254 | 300 | 8 × 18 | 607 | 1050     | 28 × M30  | 1050 | 28 × M36  | 1086.0   | 32 × 1 1/2" |   |     |          |     |  |  |
| 1000 | 216 | 1645 | 725 | 770 | 150 | 95    | 25 × 14 | -      | -  | F30        | 298 | 350 | 8 × 23 | 829 | 1160     | 28 × M33  | 1170 | 28 × M39  | 1200.0   | 36 × 1 1/2" |   |     |          |     |  |  |

**ΦJPLS valves**

船用V系列蝶阀 Marine V series butterfly valves



主要零件及材料 Material of main parts

| 零件名称 Part name     | 材料 Material   |
|--------------------|---|
| 阀体 Body Materials  | 球铁 Ductile iron, 铸钢 Cast steel, 不锈钢 Stainless Steel, 双向钢 Two-way steel, 青铜 C954 Bronze C954 |
| 阀板 Plate Materials | SUS 304, SUS 316, SUS 2205, SUS 2507, SUS 1.4529 C954                                       |
| 阀轴 Shaft Materials | 45# 416 SS304 SS316   |
| 阀座 Seat Materials  | NBR, EPDM, VITON, PTFE  |

设计标准 Valve design

| 技术规范 Technical specification |                               |
|------------------------------|-------------------------------|
| 设计标准 Valve design            | API 609-83                    |
| 结构长度 Face to Face            | JIS B2002                     |
| 压力试验 Pressure test           | JIS B2003                     |
| 连接法兰 Flange Drilling         | JIS B2212 JIS B2213 JIS B2214 |

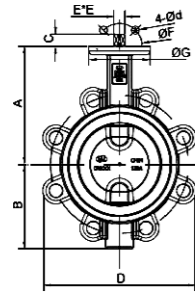
主要外形及连接尺寸 Main external and connecting dimensions (mm)

| 公称压力 Nominal pressure (MPa) | 公称通径 Nominal diameter (mm) | 结构及法兰尺寸 Structure & Flange Dimension |     |     |         |     |     |     |     |                |     |     |     | 螺孔 Hole of Nut |     |         |     |        |     |     |  |
|-----------------------------|----------------------------|--------------------------------------|-----|-----|---------|-----|-----|-----|-----|----------------|-----|-----|-----|----------------|-----|---------|-----|--------|-----|-----|--|
|                             |                            | ISO (GB2501-89)                      |     |     |         | JIS |     |     |     | ISO (GB569-65) |     |     |     | ISO            |     | JIS 10K |     | JIS 5K |     | GB  |  |
|                             |                            | L                                    | D   | D1  | 尺寸 Size | 10K | 5K  | L   | D   | D1             | n   | Th. | n   | Th.            | n   | Th.     | n   | Th.    |     |     |  |
| 1.0                         | 50                         | 40                                   | 165 | 125 | 40      | 155 | 120 | 130 | 105 | 43             | 135 | 103 | 4   | M16            | 4   | M16     | 4   | M12    | 6   | M14 |  |
|                             | 65                         | 40                                   | 185 | 145 | 40      | 175 | 140 | 155 | 130 | 46             | 155 | 123 | 4   | M16            | 4   | M16     | 4   | M12    | 6   | M14 |  |
|                             | 80                         | 60                                   | 200 | 160 | 60      | 185 | 150 | 180 | 145 | 46             | 170 | 138 | 8   | M16            | 8   | M16     | 4   | M16    | 8   | M14 |  |
|                             | 100                        | 60                                   | 220 | 180 | 60      | 210 | 175 | 200 | 165 | 52             | 190 | 158 | 8   | M16            | 8   | M16     | 8   | M16    | 8   | M14 |  |
|                             | 125                        | 60                                   | 250 | 210 | 60      | 250 | 210 | 235 | 200 | 56             | 215 | 183 | 8   | M16            | 8   | M20     | 8   | M16    | 10  | M14 |  |
|                             | 150                        | 70                                   | 285 | 240 | 70      | 280 | 240 | 265 | 230 | 56             | 240 | 208 | 8   | M20            | 8   | M20     | 8   | M16    | 12  | M14 |  |
|                             | 200                        | 80                                   | 340 | 295 | 80      | 330 | 290 | 320 | 280 | 60             | 310 | 273 | 8   | M20            | 12  | M20     | 8   | M20    | 12  | M16 |  |
|                             | 250                        | 90                                   | 395 | 350 | 90      | 400 | 355 | 385 | 345 | 68             | 380 | 336 | 12  | M20            | 12  | M22     | 12  | M20    | 14  | M20 |  |
|                             | 300                        | 90                                   | 445 | 400 | 90      | 445 | 400 | 430 | 390 | 78             | 435 | 391 | 12  | M20            | 16  | M22     | 12  | M20    | 16  | M20 |  |
|                             | 350                        | 100                                  | 505 | 460 | 100     | 490 | 445 | 480 | 435 | 78             | 485 | 441 | 16  | M20            | 16  | M22     | 12  | M22    | 18  | M20 |  |
|                             | 400                        | 110                                  | 565 | 515 | 110     | 560 | 510 | 540 | 495 | 102            | 545 | 496 | 16  | M24            | 16  | M24     | 16  | M22    | 18  | M24 |  |
|                             | 450                        | 130                                  | 615 | 565 | 130     | 620 | 565 | 605 | 555 | 114            | 600 | 551 | 20  | M24            | 20  | M24     | 16  | M22    | 20  | M24 |  |
| 500                         | 140                        | 670                                  | 620 | 140 | 675     | 620 | 655 | 605 | 127 | 650            | 601 | 20  | M24 | 20             | M24 | 20      | M22 | 20     | M24 |     |  |
| 600                         | 160                        | 780                                  | 725 | 160 | 795     | 730 | 770 | 715 |     |                |     | 20  | M27 | 24             | M30 | 20      | M24 |        |     |     |  |

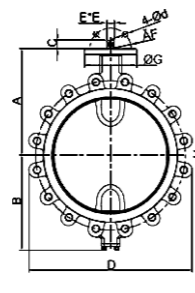
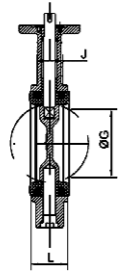


**ΦJPLS valves**

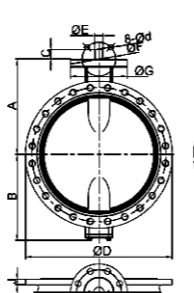
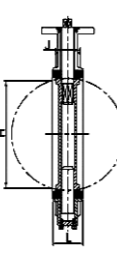
船用LT系列蝶阀 Marine LT series butterfly valve



DN50-DN300



DN350-DN600



DN700-DN2000

主要零件及材料 Material of main parts

| 零件名称 Part name        | 材料 Material  |
|-----------------------|--|
| 阀体<br>Body Materials  | 球铁 Ductile iron, 铸钢 Cast steel, 不锈钢 Stainless Steel, 双向钢 Two-way steel, 青铜C954 Bronze C954     |
| 阀板<br>Plate Materials | 球墨铸铁、不锈钢、铝青铜、碳钢、氟橡胶 Ductile iron, Stainless steel, Aluminum bronze, Carbon steel, Fluororubber |
| 阀轴<br>Shaft Materials | 45# 416 SS304 SS316  |
| 阀座<br>Seat Materials  | NBR, EPDM, VITON, PTFE   |

设计标准 Valve design

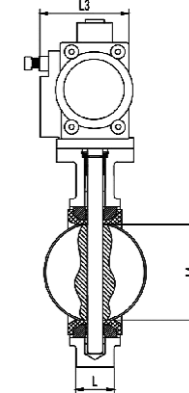
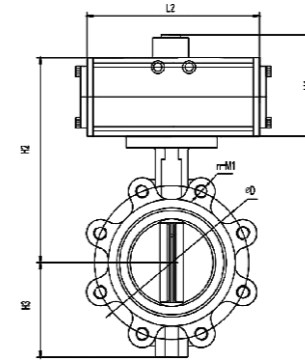
| 技术规范 Technical specification |  |
|------------------------------|--|
| 设计标准<br>Valve design         | GB/T12238 ISO 10631  |
| 结构长度<br>Face to Face         | GB/T12221 ISO 5752   |
| 压力试验<br>Pressure test        | GB/T13927 JB/T9092 ISO5028 BS 5755-1   |
| 连接法兰<br>Flange Drilling      | GB/T17241 JIS B2212 JIS B2220 JIS B2210 A<br>NSI B16.5 ANSI B16.47 ISO7005-2 |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| Size |        | A    | B    | C    | D    | E     | F   | d  | G   | H    | J   | L   | WT(kg) |
|------|--------|------|------|------|------|-------|-----|----|-----|------|-----|-----|--------|
| mm   | in     |      |      |      |      |       |     |    |     |      |     |     |        |
| 50   | 2"     | 126  | 78   | 13.5 | 117  | 9     | 50  | 8  | 70  | 31   | 34  | 43  | 2.8    |
| 65   | 2 1/2" | 134  | 84   | 13.5 | 131  | 9     | 50  | 8  | 70  | 45   | 36  | 46  | 3.7    |
| 80   | 3"     | 138  | 92   | 13.5 | 176  | 9     | 50  | 8  | 70  | 64   | 36  | 46  | 5.1    |
| 100  | 4"     | 167  | 114  | 13.5 | 206  | 11    | 70  | 10 | 90  | 91   | 40  | 52  | 6.9    |
| 125  | 5"     | 180  | 129  | 17.5 | 236  | 14    | 70  | 10 | 90  | 110  | 44  | 56  | 9.3    |
| 150  | 6"     | 203  | 144  | 17.5 | 258  | 14    | 70  | 10 | 90  | 146  | 44  | 56  | 10.5   |
| 200  | 8"     | 228  | 179  | 24.5 | 321  | 17    | 102 | 12 | 125 | 193  | 50  | 60  | 17.4   |
| 250  | 10"    | 266  | 216  | 25   | 395  | 22    | 102 | 12 | 125 | 241  | 57  | 68  | 28.1   |
| 300  | 12"    | 291  | 247  | 25   | 461  | 22    | 102 | 12 | 125 | 292  | 66  | 78  | 40     |
| 350  | 14"    | 332  | 273  | 30   | 511  | 27    | 125 | 14 | 150 | 329  | 62  | 78  | 55     |
| 400  | 16"    | 363  | 317  | 30   | 580  | 27    | 125 | 14 | 150 | 376  | 84  | 102 | 85     |
| 450  | 18"    | 397  | 348  | 39   | 630  | 36    | 140 | 18 | 175 | 425  | 94  | 114 | 114    |
| 500  | 20"    | 425  | 393  | 39   | 700  | 36    | 140 | 18 | 175 | 475  | 110 | 127 | 144    |
| 600  | 24"    | 498  | 453  | 49   | 823  | 46    | 165 | 22 | 210 | 573  | 120 | 154 | 227    |
| 700  | 28"    | 626  | 531  | 90   | 928  | 63.1  | 254 | 18 | 300 | 674  | 54  | 165 | 342    |
| 750  | 30"    | 660  | 564  | 90   | 984  | 63.1  | 254 | 18 | 300 | 727  | 54  | 165 | 400    |
| 800  | 32"    | 666  | 601  | 90   | 1061 | 63.1  | 254 | 18 | 300 | 771  | 60  | 190 | 485    |
| 900  | 36"    | 722  | 660  | 110  | 1170 | 74.7  | 254 | 18 | 300 | 839  | 60  | 203 | 605    |
| 1000 | 40"    | 806  | 728  | 120  | 1290 | 83.7  | 298 | 22 | 350 | 939  | 60  | 216 | 776    |
| 1100 | 44"    | 826  | 771  | 140  | 1404 | 94.7  | 298 | 22 | 350 | 1036 | 50  | 255 | 985    |
| 1200 | 48"    | 941  | 874  | 150  | 1511 | 104.7 | 298 | 22 | 350 | 1137 | 62  | 276 | 1190   |
| 1400 | 56"    | 1000 | 940  | 175  | 1685 | 139.9 | 356 | 32 | 415 | 1351 | 62  | 279 | 1380   |
| 1600 | 64"    | 1155 | 1085 | 195  | 1930 | 160   | 356 | 32 | 415 | 1548 | 65  | 318 | 2054   |
| 1800 | 72"    | 1200 | 1170 | 195  | 2170 | 174.5 | 406 | 39 | 475 | 1703 | 70  | 356 | 3075   |
| 2000 | 80"    | 1363 | 1360 | 245  | 2345 | 199   | 406 | 39 | 475 | 1938 | 75  | 406 | 4500   |

**ΦJPLS valves**

船用气动蝶阀 Marine pneumatic butterfly valve



主要零件及材料 Material of main parts

| 零件名称 Part name        | 材料 Material  |
|-----------------------|--|
| 阀体<br>Body Materials  | 球铁 Ductile iron, 铸钢 Cast steel, 不锈钢 Stainless Steel, 双向钢 Two-way steel, 青铜C954 Bronze C954 |
| 阀板<br>Plate Materials | SUS 304, SUS 316, SUS 2205, SUS 2507, SUS 1.4529 C954                                      |
| 阀轴<br>Shaft Materials | 45# 416 SS304 SS316  |
| 阀座<br>Seat Materials  | NBR, EPDM, VITON, PTFE   |

设计标准 Valve design

| 技术规范 Technical specification |                       |
|------------------------------|-----------------------|
| 设计标准<br>Valve design         | GB/T12238             |
| 结构长度<br>Face to Face         | GB/T12221 ASME B16.5  |
| 压力试验<br>Pressure test        | GB/T13927             |
| 连接法兰<br>Flange Drilling      | JB/T 79.1 ASME B16.10 |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| DN(mm) | ΦD     | 4-ΦD1  | H1  | H2  | H3    | L   | L1  | L2  | L3    | WT(kg) |
|--------|--------|--------|-----|-----|-------|-----|-----|-----|-------|--------|
| 40     | 106.00 | 22     | 92  | 212 | 71    | 40  | 30  | 147 | 71.5  | 3.00   |
| 50     | 123.00 | 22     | 108 | 238 | 70.0  | 43  | 32  | 168 | 83    | 4.10   |
| 65     | 142.00 | 22     | 108 | 251 | 80.0  | 46  | 47  | 168 | 83    | 4.50   |
| 80     | 154.50 | 23     | 120 | 275 | 94.0  | 46  | 65  | 184 | 95    | 5.80   |
|        | 154.50 | 23     |     |     |       |     |     |     |       |        |
| 100    | 183.00 | 27     | 129 | 299 | 108.0 | 52  | 91  | 204 | 103   | 7.60   |
|        | 212.50 | 25     |     |     |       |     |     |     |       |        |
| 150    | 240.00 | 24     | 153 | 363 | 134.0 | 56  | 146 | 268 | 121.5 | 14.50  |
| 200    | 295.00 | 24     | 185 | 428 | 167.0 | 60  | 194 | 301 | 142   | 21.40  |
|        | 296.00 | 25     |     |     |       |     |     |     |       |        |
| 250    | 356.00 | 31     | 202 | 484 | 203.0 | 68  | 242 | 390 | 152   | 33.20  |
| 300    | 407.00 | 25     | 227 | 537 | 241.0 | 78  | 292 | 458 | 174   | 49.60  |
|        | 432.00 | 32     |     |     |       |     |     |     |       |        |
| 350    | 460.00 | 23     | 260 | 613 | 267.0 | 78  | 325 | 525 | 206   | 68.50  |
|        | 470.00 | 26     |     |     |       |     |     |     |       |        |
| 400    | 515.00 | 26     | 285 | 665 | 310.0 | 102 | 380 | 532 | 226   | 105.60 |
|        | 525.00 | 30     |     |     |       |     |     |     |       |        |
| 450    | 565.00 | 26     | 319 | 730 | 331.0 | 114 | 428 | 602 | 260   | 140.60 |
|        | 585.00 | 30     |     |     |       |     |     |     |       |        |
| 500    | 620.00 | 26     | 356 | 824 | 378.5 | 127 | 474 | 718 | 294   | 194.00 |
|        | 650.00 | 33     |     |     |       |     |     |     |       |        |
| 600    | 725.00 | 20-Φ30 | 380 | 942 | 463.0 | 154 | 573 | 760 | 336   | 307.00 |
|        | 770.00 | 20-Φ36 |     |     |       |     |     |     |       |        |



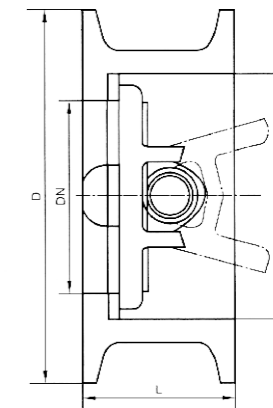
ΦJPLS valves

天津普洛斯阀门有限公司  
TIANJIN PULOS VALVE CO., LTD.



ΦJPLS valves

蝶式对夹止回阀 Wafer check valve



主要零件材质 Material Specifications

| 部件 Parts  | 材料 Material                  |
|-----------|------------------------------|
| 阀体 Body   | 灰铸铁CI、球墨铸铁DI                 |
| 阀瓣 Disc   | 灰铸铁CI、球墨铸铁DI、304、316、铜bronze |
| 阀座 Seat   | 橡胶 EPDM/NBR                  |
| 阀杆 Stem   | 不锈钢 Stainless steel          |
| 弹簧 Spring | 不锈钢 Stainless steel          |

设计标准 Valve design

| 技术规范 Technical specification |                     |
|------------------------------|---------------------|
| 结构长度<br>Face to Face         | ISO                 |
| 连接法兰<br>Flange Drilling      | DIN/BS/JIS/ANSI     |
| 压力<br>Pressure               | PN10/PN16/10K/150LB |

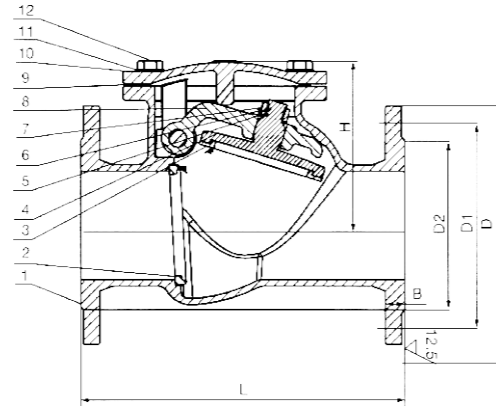
主要外形及连接尺寸 Main external and connecting dimensions(mm)

| DN   | 1.0MPa |      |       | 1.6MPa |      |       | 2.5MPa |      |       |
|------|--------|------|-------|--------|------|-------|--------|------|-------|
|      | L      | D    | H     | L      | D    | H     | L      | D    | H     |
| 40   | 43     | 92   | 55    | 43     | 92   | 55    | 43     | 92   | 55    |
| 50   | 43     | 107  | 65.5  | 43     | 107  | 65.5  | 43     | 107  | 65.5  |
| 65   | 46     | 127  | 81    | 46     | 127  | 81    | 46     | 127  | 81    |
| 80   | 64     | 142  | 95    | 64     | 142  | 95    | 64     | 142  | 95    |
| 100  | 64     | 162  | 117.5 | 64     | 162  | 117.5 | 64     | 166  | 117.5 |
| 125  | 70     | 192  | 145.5 | 70     | 192  | 145.5 | 70     | 192  | 145.5 |
| 150  | 76     | 218  | 170.5 | 76     | 218  | 170.5 | 76     | 222  | 170.5 |
| 200  | 89     | 273  | 227.5 | 89     | 273  | 227.5 | 89     | 282  | 227.5 |
| 250  | 114    | 328  | 266   | 114    | 329  | 266   | 114    | 337  | 266   |
| 300  | 114    | 378  | 312   | 114    | 384  | 312   | 114    | 397  | 312   |
| 350  | 127    | 438  | 361   | 127    | 444  | 361   | 127    | 454  | 361   |
| 400  | 140    | 489  | 406   | 140    | 495  | 406   | 140    | 511  | 406   |
| 450  | 152    | 539  | 450   | 152    | 555  | 450   | 152    | 560  | 450   |
| 500  | 152    | 594  | 505   | 152    | 617  | 505   | 152    | 620  | 505   |
| 600  | 178    | 695  | 624   | 178    | 734  | 624   | 178    | 727  | 624   |
| 700  | 229    | 804  | 736   | 229    | 804  | 736   | 229    | 829  | 736   |
| 800  | 241    | 910  | 842   | 241    | 910  | 842   | 241    | 938  | 842   |
| 900  | 241    | 1010 | 945   | 241    | 1010 | 945   | 241    | 1038 | 945   |
| 1000 | 300    | 1125 | 1050  | 300    | 1125 | 1050  | 300    | 1150 | 1050  |



**JPLS** valves

美标铸铁旋启式止回阀 ANSI Cast iron swing check valve



主要零件材质 Material Specifications

| 序号 No. | 部件 Parts      | 材料 Material              |
|--------|---------------|--------------------------|
| 1      | 阀体 Body       | 球墨铸铁 DI、灰铸铁 CI           |
| 2      | 阀座 Valve seat | 黄铜/橡胶 Bress(Hpb59-1)/NBR |
| 3      | 密封圈 Seal ring | 黄铜/橡胶 Bress(Hpb59-1)/NBR |
| 4      | 阀瓣 Disc       | 球墨铸铁 DI、灰铸铁 CI           |
| 8      | 摇杆 Rocker arm | 球墨铸铁 DI                  |
| 10     | 阀盖 Bonnet     | 球墨铸铁 DI、灰铸铁 CI           |

设计标准 Valve design

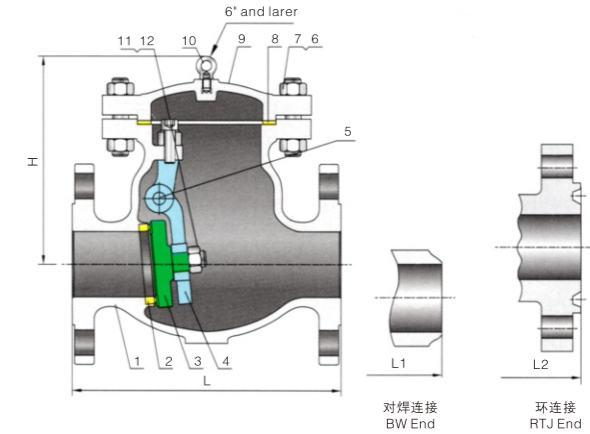
| 技术规范 Technical specification |             |
|------------------------------|-------------|
| 设计标准 Valve Design            | MSS SP-71   |
| 结构长度 Face to Face            | SI B16.10   |
| 连接法兰 Flange Drilling         | ANSI B16.1  |
| 压力 Pressure                  | 125LB、150LB |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| DN  | L   | D           |             | D1          |             | B  | n-Φd   |        | H   |
|-----|-----|-------------|-------------|-------------|-------------|----|--------|--------|-----|
|     |     | CL125/CL150 | CL125/CL150 | CL125/CL150 | CL125/CL150 |    |        |        |     |
| 50  | 203 | 152         | 152         | 120.5       | 120.5       | 17 | 4-Φ19  | 4-Φ19  | 116 |
| 65  | 216 | 178         | 178         | 139.5       | 139.5       | 17 | 4-Φ19  | 4-Φ19  | 116 |
| 80  | 241 | 191         | 191         | 152.5       | 152.5       | 19 | 4-Φ19  | 4-Φ19  | 145 |
| 100 | 292 | 229         | 229         | 190.5       | 190.5       | 24 | 8-Φ19  | 8-Φ19  | 145 |
| 125 | 330 | 254         | 254         | 216         | 216         | 24 | 8-Φ23  | 8-Φ23  | 175 |
| 150 | 356 |             |             |             |             |    |        |        |     |
| 200 | 495 | 343         | 343         | 298.5       | 298.5       | 28 | 8-Φ23  | 8-Φ23  | 248 |
| 250 | 622 |             |             |             |             |    |        |        |     |
| 300 | 698 | 483         | 483         | 432         | 432         | 32 | 12-Φ26 | 12-Φ26 | 325 |

**JPLS** valves

美标铸钢/不锈钢旋启式止回阀 ANSI Cast steel / stainless steel swing check valve



主要零件材质 Material Specifications

| 序号 No. | 部件 Parts      | 材料 Material                          |
|--------|---------------|--------------------------------------|
| 1      | 阀体 Body       | ASTM A216 Gr.WCB                     |
| 2      | 阀座 Seat ring  | ASTM A105+13Cr                       |
| 3      | 阀瓣 Disc       | ASTM A216 Gr.WCB+13Cr                |
| 4      | 摇臂 Hinge      | ASTM A216 Gr.WCB                     |
| 5      | 销轴 Hinge pin  | ASTM A276 410                        |
| 6      | 螺栓 Cover bolt | ASTM A193 Gr.B7                      |
| 7      | 螺母 Cover nut  | ASTM A194 Gr-2H                      |
| 8      | 垫片 Gasket     | 不锈钢与柔性石墨缠绕 304S.S. Jacketed Graphite |
| 9      | 阀盖 Bonnet     | ASTM A216 Gr.WCB                     |

设计标准 Valve design

| 技术规范 Technical specification |  |
|------------------------------|--|
| 设计标准 Valve Design            | API 600, BS 1868   |
| 结构长度 Face to Face            | ASME B16.10  |
| 法兰尺寸 Flanged connection      | ≤24" 按ASME B16.5<br>≥26" 按ASME B16.47系列A<br>24" and smaller valves: ASME B 16.5<br>26" and larger valves: ASME B16.47 series A and B |
| 对焊端尺寸 B.W. End               | ASME B16.25  |
| 阀体壁厚 Shell Wall Thickness    | ≤24" 按ASME API 600、BS868<br>≥26" 按制作商标准<br>≤24" API 600, BS868<br>≥26" manufacturer's standard                                       |

备注：阀体材质有ASTM A216 WCB、A352 LCB、A217 WC1 WC6、WC9、C5、A351 CF8 CF8M、CF3、CF3M 本表仅以ASTM A216 WCB为例。

结构尺寸 Dimensions(Class 150)

| 阀门尺寸 Valve Size    | in. mm | 1/2 40   | 2 50     | 2 1/2 65 | 3 80    | 4 100    | 5 125    | 6 150     | 8 200     | 10 250    | 12 300    | 14 350   | 16 400    | 18 450    | 20 500    | 24 600    | 30 750     | 36 900     |
|--------------------|--------|----------|----------|----------|---------|----------|----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|------------|------------|
| L-L1 突面-对焊 (RF-BW) | in. mm | 6.5 165  | 8 203    | 8.5 216  | 9.5 241 | 11.5 292 | 13 330   | 14 356    | 19.5 495  | 24.5 622  | 27.5 698  | 31 787   | 34 864    | 38.5 978  | 38.5 978  | 51 1295   | 60 1524    | 77 1956    |
| L2 环连接 (RTJ)       | in. mm | 7.0 178  | 8.5 216  | 9 229    | 10 254  | 12 305   | 13.5 343 | 14.5 369  | 20 508    | 25 635    | 28 711    | 31.5 800 | 34.5 877  | 39 991    | 39 991    | 51.5 1308 | 60.5 1537  | 77.5 1969  |
| H 开 (Open)         | in. mm | 6.69 170 | 6.88 175 | 7 178    | 7.5 191 | 8.63 219 | 9.25 235 | 12.75 324 | 15.13 384 | 17.63 448 | 21.25 540 | 22 559   | 24.63 626 | 25.63 651 | 26.63 676 | 34.63 880 | 45.25 1149 | 53.13 1349 |



**QJPLS** valves

美标铸钢/不锈钢旋启式止回阀 ANSI Cast steel / stainless steel swing check valve

结构尺寸 Dimensions(Class 300)

| 阀门尺寸<br>Valve Size       | in.<br>mm | 1 1/2<br>40 | 2<br>50      | 2 1/2<br>65  | 3<br>80      | 4<br>100     | 5<br>125     | 6<br>150     | 8<br>200     | 10<br>250    | 12<br>300    | 14<br>350    | 16<br>400    | 18<br>450    | 20<br>500     | 24<br>600     | 30<br>750     | 36<br>900     |
|--------------------------|-----------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|
| L-L1<br>突面-对焊<br>(RF-BW) | in.<br>mm | 9.5<br>241  | 10.5<br>267  | 11.5<br>292  | 12.5<br>318  | 14<br>356    | 15.75<br>400 | 17.5<br>444  | 21<br>533    | 24.5<br>622  | 28<br>711    | 33<br>838    | 34<br>864    | 38.5<br>978  | 40<br>1016    | 53<br>1346    | 62.75<br>1594 | 82<br>2083    |
| L2<br>环连接<br>(RTJ)       | in.<br>mm | 10<br>254   | 11.12<br>283 | 12.12<br>308 | 13.15<br>334 | 14.62<br>372 | 16.37<br>416 | 18.12<br>460 | 21.62<br>549 | 25.12<br>638 | 28.62<br>727 | 33.62<br>854 | 34.62<br>880 | 39.12<br>994 | 40.75<br>1035 | 53.88<br>1368 | 63.75<br>1619 | 83.11<br>2111 |
| H<br>开<br>(Open)         | in.<br>mm | 7.4<br>188  | 7.75<br>197  | 8<br>203     | 8.75<br>222  | 10.88<br>276 | 11.63<br>295 | 13.25<br>337 | 16.25<br>413 | 18.25<br>464 | 22.13<br>562 | 23.5<br>597  | 25.38<br>645 | 29.88<br>759 | 33.63<br>854  | 37<br>940     | 50<br>1270    | 60.63<br>1540 |

结构尺寸 Dimensions(Class 600)

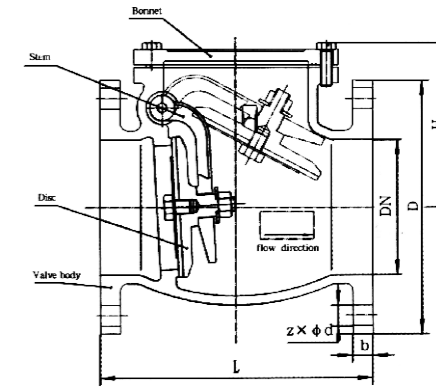
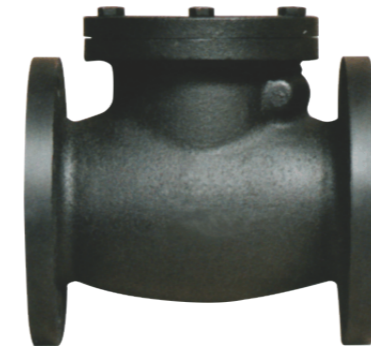
| 阀门尺寸<br>Valve Size       | in.<br>mm | 2<br>50      | 2 1/2<br>65  | 3<br>80      | 4<br>100     | 6<br>150     | 8<br>200     | 10<br>250    | 12<br>300    | 14<br>350    | 16<br>400    | 18<br>450     | 20<br>500     | 24<br>600     | 26<br>650    | 28<br>700     | 30<br>750     |
|--------------------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|--------------|---------------|---------------|
| L-L1<br>突面-对焊<br>(RF-BW) | in.<br>mm | 11.5<br>292  | 13<br>330    | 14<br>356    | 17<br>432    | 22<br>559    | 26<br>660    | 31<br>787    | 33<br>838    | 35<br>889    | 39<br>991    | 43<br>1092    | 47<br>1194    | 55<br>1397    | 57<br>1448   | 63<br>1600    | 65<br>1651    |
| L2<br>环连接<br>(RTJ)       | in.<br>mm | 11.62<br>295 | 13.12<br>333 | 14.12<br>359 | 17.12<br>435 | 22.12<br>562 | 26.12<br>663 | 31.12<br>790 | 33.12<br>841 | 35.12<br>892 | 39.12<br>994 | 43.12<br>1095 | 47.25<br>1200 | 55.38<br>1407 | 57.5<br>1461 | 63.5<br>1613  | 65.5<br>1664  |
| H<br>开<br>(Open)         | in.<br>mm | 8.25<br>210  | 8.63<br>219  | 10.5<br>267  | 11.75<br>299 | 15<br>381    | 18.75<br>476 | 21.63<br>549 | 22.63<br>575 | 26.38<br>670 | 30.13<br>765 | 35.25<br>895  | 38.38<br>975  | 43.75<br>1111 | 48<br>1219   | 53.13<br>1349 | 56.25<br>1429 |

结构尺寸 Dimensions(Class 900/1500/2500)

| MPa        | 阀门尺寸<br>Valve Size   | in.<br>mm | 2<br>50      | 2 1/2<br>65  | 3<br>80      | 4<br>100     | 6<br>150     | 8<br>200      | 10<br>250     | 12<br>300     |
|------------|----------------------|-----------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|
| Class 900  | L-L1突面-对焊<br>(RF-BW) | in.<br>mm | 14.5<br>368  | 16.5<br>419  | 15<br>381    | 18<br>457    | 24<br>610    | 29<br>737     | 33<br>838     | 38<br>965     |
|            | L2(环连接)<br>(RTJ)     | in.<br>mm | 14.62<br>371 | 16.62<br>422 | 15.12<br>384 | 18.12<br>460 | 24.12<br>613 | 29.12<br>740  | 33.12<br>841  | 38.12<br>968  |
|            | H开(Open)             | in.<br>mm | 12.63<br>321 | 13.75<br>349 | 12.63<br>321 | 16<br>406    | 18.88<br>479 | 22.25<br>565  | 26.13<br>664  | 30.5<br>775   |
| Class 1500 | L-L1突面-对焊<br>(RF-BW) | in.<br>mm | 14.5<br>368  | 16.5<br>419  | 18.5<br>470  | 21.5<br>546  | 27.75<br>705 | 32.75<br>832  | 39<br>991     | 44.5<br>1130  |
|            | L2(环连接)<br>(RTJ)     | in.<br>mm | 14.62<br>371 | 16.62<br>422 | 18.62<br>473 | 21.62<br>549 | 28<br>711    | 33.15<br>842  | 39.4<br>1001  | 45.12<br>1146 |
|            | H开(Open)             | in.<br>mm | 12.63<br>321 | 13.75<br>349 | 14.38<br>365 | 16.5<br>419  | 20.13<br>511 | 26.75<br>680  | 29.75<br>756  | 33.75<br>857  |
| Class 2500 | L-L1突面-对焊<br>(RF-BW) | in.<br>mm | 17.75<br>451 | 20<br>508    | 22.75<br>578 | 26.5<br>673  | 36<br>914    | 40.25<br>1022 | 50<br>1270    | 56<br>1422    |
|            | L2(环连接)<br>(RTJ)     | in.<br>mm | 17.87<br>454 | 20.25<br>514 | 23<br>584    | 26.88<br>683 | 36.5<br>927  | 40.87<br>1038 | 50.88<br>1292 | 56.88<br>1444 |
|            | H开(Open)             | in.<br>mm | 16.38<br>416 | 16.5<br>419  | 17.38<br>441 | 18.88<br>479 | 20.13<br>511 | 28<br>711     | 33.5<br>851   | 39.38<br>1000 |

**QJPLS** valves

日标铸铁旋启式止回阀10K JIS Cast iron swing check valve 10K



主要零件材质 Material Specifications

| 部件 Parts  | 材料 Material                  |
|-----------|------------------------------|
| 阀体 Body   | 铸铁 Cast iron                 |
| 阀瓣 Disc   | 铸铁+黄铜 Cast iron+Brass/bronze |
| 阀盖 Bonnet | 铸铁 Cast iron                 |
| 阀杆 Stem   | 不锈钢 Stainless steel 、铜杆      |

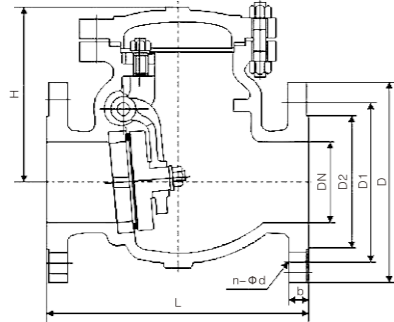
设计标准 Valve design

| 技术规范 Technical specification |           |
|------------------------------|-----------|
| 结构长度<br>Face to Face         | JIS B2002 |
| 连接法兰<br>Flange Drilling      | JIS B2212 |
| 压力<br>Pressure               | 10K       |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| DN  | L   | D   | b  | Z x phi d   | H   |
|-----|-----|-----|----|-------------|-----|
| 40  | 190 | 140 | 17 | 4 x phi 19  | 101 |
| 50  | 190 | 155 | 17 | 4 x phi 19  | 102 |
| 65  | 190 | 175 | 18 | 4 x phi 19  | 113 |
| 80  | 215 | 185 | 19 | 8 x phi 19  | 118 |
| 100 | 245 | 210 | 20 | 8 x phi 19  | 133 |
| 125 | 285 | 250 | 21 | 8 x phi 23  | 155 |
| 150 | 295 | 280 | 22 | 8 x phi 23  | 182 |
| 200 | 390 | 330 | 22 | 12 x phi 23 | 206 |
| 250 | 500 | 400 | 25 | 12 x phi 25 | 269 |
|     | 540 | 445 | 28 | 16 x phi 25 | 333 |
| 350 | 570 | 490 | 34 | 16 x phi 25 | 381 |
|     | 785 | 560 | 36 | 16 x phi 27 | 450 |
| 500 | 820 | 675 | 40 | 20 x phi 27 | 537 |

\* 以上规格可根据您的具体要求进行调整。  
\* The above specifications to be varied to suit your specific requirements.



主要零件及材料 Main parts and materials

| 零件名称 Part name | 材料 Material |
|----------------|-------------|
| 阀体 Body        | JIS-SCS13   |
| 阀瓣 Disc        | JIS-SCS13   |
| 阀杆 Stem        | JIS-SUS304  |
| 阀盖 Bonnet      | JIS-SCS13   |
| 支架 Yoke        | JIS SCS13   |
| 螺栓 Bolt        | A193-B8     |

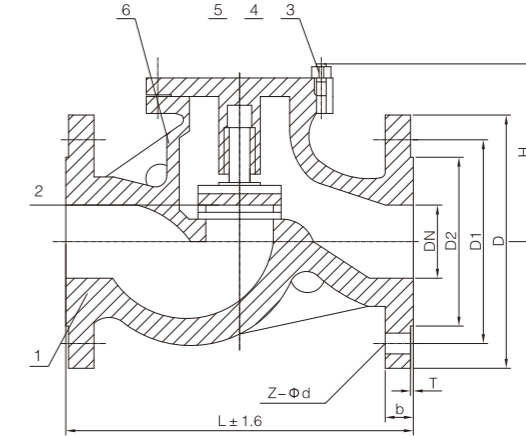
设计标准 Valve design

| 技术规范 Technical specification |                 |
|------------------------------|-----------------|
| 设计标准 Valve design            | JIS B2074 B2084 |
| 结构长度 Face to Face            | JIS B2002       |
| 连接法兰 Flange Drilling         | JIS B2212 B2214 |
| 试验标准 Pressure test           | JIS B2003       |

备注: 阀体材质有WCB, SCS13, SCS13A, SCS14, SCS14A, SCS19, SCS19A, SCS16, SCS16A, 本表仅以SCS13举例。  
Note: Body material WCB, SCS13, SCS13A, SCS14, SCS14A, SCS19, SCS19A, SCS16, SCS16A, this only USES the example of SCS13.

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| Pressure | Size | L   | D   | D1  | D2  | b  | H   | n-φd  |
|----------|------|-----|-----|-----|-----|----|-----|-------|
| 10K      | 15   | 108 | 95  | 70  | 52  | 12 | 67  | 4-15  |
|          | 20   | 117 | 100 | 75  | 58  | 14 | 71  | 4-15  |
|          | 25   | 127 | 125 | 90  | 70  | 14 | 80  | 4-19  |
|          | 40   | 165 | 140 | 105 | 85  | 16 | 96  | 4-19  |
|          | 50   | 203 | 155 | 120 | 100 | 16 | 108 | 4-19  |
|          | 65   | 216 | 175 | 140 | 120 | 18 | 157 | 4-19  |
|          | 80   | 241 | 185 | 150 | 130 | 18 | 165 | 8-19  |
|          | 100  | 271 | 210 | 175 | 155 | 18 | 218 | 8-19  |
|          | 125  | 330 | 250 | 210 | 185 | 20 | 255 | 8-23  |
|          | 150  | 356 | 280 | 240 | 215 | 22 | 296 | 8-23  |
| 20K      | 200  | 495 | 330 | 290 | 265 | 22 | 354 | 12-23 |
|          | 250  | 622 | 400 | 355 | 325 | 24 | 410 | 12-25 |
|          | 300  | 398 | 440 | 400 | 370 | 24 | 485 | 16-25 |
|          | 15   | 152 | 95  | 70  | 52  | 14 | 84  | 4-15  |
|          | 20   | 178 | 100 | 75  | 58  | 16 | 85  | 4-15  |
|          | 40   | 241 | 140 | 105 | 85  | 18 | 91  | 4-19  |
|          | 65   | 292 | 175 | 140 | 120 | 20 | 157 | 8-19  |
|          | 100  | 356 | 225 | 185 | 160 | 24 | 218 | 8-23  |
|          | 150  | 444 | 305 | 260 | 230 | 28 | 296 | 12-25 |
|          | 250  | 622 | 430 | 380 | 345 | 34 | 410 | 12-27 |



主要零件材料 Main parts and materials

| 序号 No. | 零件名称 Part name   | 材质 Material  |
|--------|------------------|--------------|
| 1      | 阀体 Body          | CF8 CF8M WCB |
| 2      | 阀瓣 Disc          | CF8 CF8M WCB |
| 3      | 双头螺柱 Double stud | 201          |
| 4      | 六角螺母 Hexagon nut | 201          |
| 5      | 垫片 Washer        | PTFE         |
| 6      | 阀盖 Bonnet        | CF8 CF8M WCB |

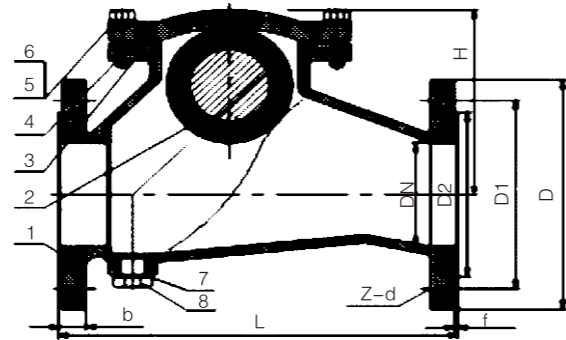
主要外形尺寸 Configuration dimension

| Pressure    | DN  | L   | D   | D1  | H   | b  | T       | Z-φd   |
|-------------|-----|-----|-----|-----|-----|----|---------|--------|
| H41W-16P(R) | 15  | 130 | 95  | 65  | 45  | 14 | 2       | 4 × 14 |
|             | 20  | 150 | 105 | 75  | 55  | 15 | 2       | 4 × 14 |
|             | 25  | 160 | 115 | 85  | 65  | 15 | 2       | 4 × 14 |
|             | 32  | 180 | 135 | 100 | 78  | 16 | 2       | 4 × 18 |
|             | 40  | 200 | 145 | 110 | 85  | 16 | 2       | 4 × 18 |
|             | 50  | 230 | 160 | 125 | 100 | 16 | 2       | 4 × 18 |
|             | 65  | 290 | 180 | 145 | 120 | 17 | 2       | 4 × 18 |
|             | 80  | 310 | 195 | 160 | 135 | 18 | 2       | 8 × 18 |
|             | 100 | 350 | 215 | 180 | 155 | 19 | 2       | 8 × 18 |
|             | 125 | 400 | 245 | 210 | 185 | 20 | 3       | 8 × 18 |
| 150         | 480 | 280 | 240 | 210 | 22  | 3  | 8 × 22  |        |
| 200         | 600 | 335 | 295 | 265 | 23  | 3  | 12 × 23 |        |



**ΦJPLS** valves

球形止回阀 Ball check valve



主要零件材质 Material Specifications

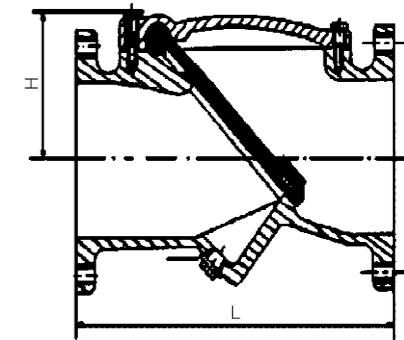
| 序号 No. | 部件 Parts      | 材料 Material            |
|--------|---------------|------------------------|
| 1      | 阀体 Body       | 球墨铸铁 DI                |
| 2      | 浮球 Ball Float | 铝包橡胶 EPDM/Aluminium    |
| 3      | 垫片 Gasket     | 橡胶 NBR                 |
| 4      | 阀盖 Bonnet     | 球墨铸铁 DI                |
| 5      | 螺栓 Bolt       | 碳钢、不锈钢 Carbon steel/A2 |
| 6      | 垫圈 Washer     | 碳钢、不锈钢 Carbon steel/A2 |
| 7      | 垫圈 Washer     | 四氟 TEL                 |
| 8      | 堵头 Plug       | 碳钢、不锈钢 Carbon steel/A2 |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| DN  | D   | D1  | D2  | L   | B    | H   | F | Z x Φd |
|-----|-----|-----|-----|-----|------|-----|---|--------|
| 40  | 150 | 110 | 84  | 180 | 19   | 106 | 3 | 4-19   |
| 50  | 165 | 125 | 99  | 200 | 19   | 115 | 3 | 4-19   |
| 65  | 185 | 145 | 118 | 240 | 19   | 124 | 3 | 4-19   |
| 80  | 200 | 160 | 132 | 260 | 19   | 138 | 3 | 8-19   |
| 100 | 220 | 180 | 156 | 300 | 19   | 162 | 3 | 8-19   |
| 125 | 250 | 210 | 184 | 350 | 19   | 202 | 3 | 8-19   |
| 150 | 285 | 240 | 211 | 400 | 19   | 228 | 3 | 8-23   |
| 200 | 340 | 295 | 266 | 500 | 20   | 298 | 3 | 12-23  |
| 250 | 405 | 355 | 319 | 600 | 22   | 368 | 4 | 12-28  |
| 300 | 455 | 410 | 370 | 700 | 24.5 | 438 | 4 | 12-28  |

**ΦJPLS** valves

橡胶瓣止回阀 Rubber disc check valve



主要零件材质 Material Specifications

| 部件 Parts  | 材料 Material                  |
|-----------|------------------------------|
| 阀体 Body   | 灰铸铁CI 球墨铸铁DI                 |
| 阀瓣 Disc   | 灰铸铁CI/球墨铸铁DI+橡胶EPDM/NBR      |
| 阀盖 Bonnet | 灰铸铁CI 球墨铸铁DI                 |
| 阀杆 Stem   | 不锈钢 Stainless steel、铜杆 Brass |

设计标准 Valve design

| 技术规范 Technical specification |                         |
|------------------------------|-------------------------|
| 结构长度 Face to Face            | BS5153/MSS SP-71        |
| 连接法兰 Flange Drilling         | BS4504/ANSI B16.1/B16.5 |
| 压力 Pressure                  | PN10/PN16 125LB/150LB   |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| Size                     | 50   | 65   | 80   | 100  | 125  | 150  | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 600   |
|--------------------------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| L                        | 203  | 216  | 241  | 292  | 330  | 356  | 496   | 622   | 699   | 787   | 912   | 965   | 1067  | 1210  |
| H                        | 86   | 90   | 98   | 117  | 130  | 149  | 194   | 251   | 310   | 360   | 420   | 480   | 520   | 570   |
| PN16-BS5153              |      |      |      |      |      |      |       |       |       |       |       |       |       |       |
| OD                       | 165  | 185  | 200  | 220  | 250  | 285  | 340   | 405   | 480   | 520   | 580   | 640   | 715   | 840   |
| PCD                      | 125  | 145  | 160  | 180  | 210  | 240  | 296   | 355   | 410   | 470   | 525   | 585   | 650   | 770   |
| N-Φd                     | 4-18 | 4-18 | 8-18 | 8-18 | 8-18 | 8-22 | 12-22 | 12-20 | 12-20 | 16-20 | 16-30 | 20-30 | 20-34 | 20-36 |
| ANSI CLASS 125/CLASS 150 |      |      |      |      |      |      |       |       |       |       |       |       |       |       |
| OD                       | 152  | 178  | 191  | 229  | 254  | 279  | 343   | 406   | 483   | 533   | 597   | 635   | 699   | 813   |
| PCD                      | 121  | 139  | 152  | 191  | 216  | 241  | 198   | 362   | 432   | 476   | 540   | 578   | 635   | 749   |
| N-Φd                     | 4-19 | 4-19 | 4-19 | 8-19 | 8-22 | 8-22 | 8-22  | 12-25 | 12-25 | 12-25 | 16-29 | 16-32 | 20-32 | 20-35 |



ΦJPLS valves

天津普洛斯阀门有限公司  
TIANJIN PULOS VALVE CO., LTD.



ΦJPLS valves

英标软密封闸阀 BS Soft sealing gate valve



英标软密封明杆闸阀 BS5163 Resilient Seat OS & Y Gate Valve



主要零件材料 Main parts and materials

| 零件名称 Parts Name    | 材料 Material                         |
|--------------------|-------------------------------------|
| 阀体、阀盖 Body, Bonnet | 球铁 Ductile Iron                     |
| 阀板 Disc            | 球铁包胶 Ductile Iron with NBR/EPDM/EPM |
| 阀杆 Stem            | 不锈钢 Stainless Steel                 |

标准 Standards

| 设计和制造标准 Design and Manufacture | 结构长度标准 Face to Face | 法兰标准 Flange End   | 测试标准 Inspection |
|--------------------------------|---------------------|-------------------|-----------------|
| BS5163                         | BS5163              | EN1092/ISO 7005-2 | BS5163/ISO 5208 |

测试 Test

| 公称压力 Nominal pressure | 强度试验 Shell Test (MPa) | 密封试验 Seal test (MPa) |
|-----------------------|-----------------------|----------------------|
| PN10, PN16            | 1.5/2.4               | 1.1/1.76             |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| DN           | 50  | 65  | 80  | 100 | 125 | 150 | 200 | 250 | 300  |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| L            | 178 | 190 | 203 | 229 | 254 | 276 | 292 | 330 | 356  |
| D            | 165 | 185 | 200 | 220 | 250 | 285 | 340 | 405 | 460  |
| H            | 258 | 287 | 308 | 349 | 441 | 441 | 553 | 615 | 714  |
| H(Full open) | 308 | 352 | 388 | 449 | 566 | 591 | 753 | 865 | 1014 |
| D1           | 125 | 145 | 160 | 180 | 210 | 240 | 295 | 355 | 410  |

英标软密封暗杆闸阀 BS5163 Resilient Seat Non-rising Stem Gate Valve



主要零件材料 Main parts and materials

| 零件名称 Parts Name    | 材料 Material                         |
|--------------------|-------------------------------------|
| 阀体、阀盖 Body, Bonnet | 球铁 Ductile Iron                     |
| 阀板 Disc            | 球铁包胶 Ductile Iron with NBR/EPDM/EPM |
| 阀杆 Stem            | 不锈钢 Stainless Steel                 |

标准 Standards

| 设计和制造标准 Design and Manufacture | 结构长度标准 Face to Face | 法兰标准 Flange End   | 测试标准 Inspection |
|--------------------------------|---------------------|-------------------|-----------------|
| BS5163                         | BS5163              | EN1092/ISO 7005-2 | BS5163/ISO 5208 |

测试 Test

| 公称压力 Nominal pressure | 强度试验 Shell Test (MPa) | 密封试验 Seal test (MPa) |
|-----------------------|-----------------------|----------------------|
| PN10, PN16            | 1.5/2.4               | 1.1/1.76             |

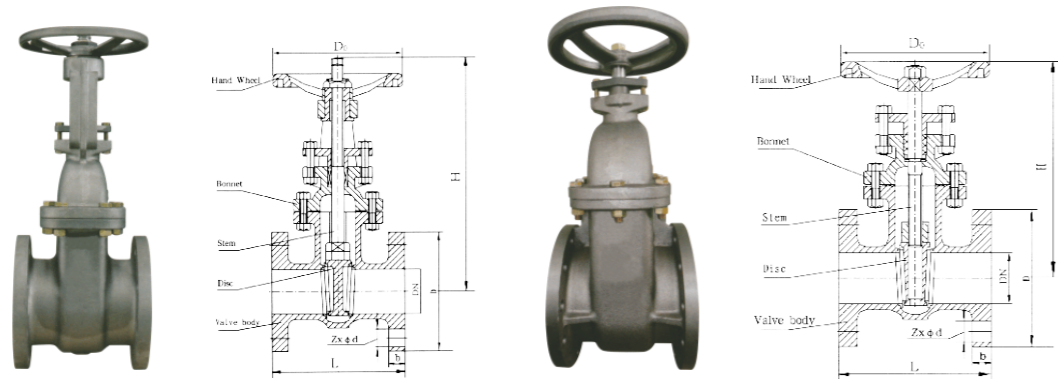
主要外形及连接尺寸 Main external and connecting dimensions(mm)

| DN | 50  | 65  | 80  | 100 | 125 | 150 | 200 | 250 | 300 | 350  | 400  | 450  | 500  | 600  |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|
| L  | 178 | 190 | 203 | 229 | 254 | 267 | 292 | 330 | 356 | 381  | 406  | 432  | 457  | 508  |
| H  | 350 | 369 | 409 | 458 | 516 | 570 | 753 | 807 | 940 | 1002 | 1100 | 1210 | 1380 | 1455 |
| D  | 165 | 185 | 200 | 220 | 250 | 285 | 340 | 405 | 460 | 520  | 580  | 640  | 715  | 840  |
| D1 | 125 | 145 | 160 | 180 | 210 | 240 | 295 | 355 | 410 | 470  | 525  | 585  | 650  | 770  |



**ØJPLS** valves

日标铸铁闸阀 JIS Cast iron gate valve



主要零件及材料 Main parts and materials

| 零件名称 Part name    | 材料 Material            |
|-------------------|------------------------|
| 阀体 Body Materials | 铸铁 Cast iron           |
| 阀瓣 Disc           | 铸铁+黄铜 Cast iron+Brass  |
| 阀盖 Bonnet         | 铸铁 Cast iron           |
| 阀杆 Stem           | 不锈钢 Stainless steel、铜杆 |

设计标准 Valve design

| 技术规范 Technical specification |                              |
|------------------------------|------------------------------|
| 设计标准 Valve design            | KS B2350                     |
| 结构长度 Face to Face            | JIS B2031/KS B2306/JIS B2002 |
| 试验标准 Pressure test           | KS B2304                     |
| 连接法兰 Flange Drilling         | JIS B2031/KS B1511/JIS B2212 |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

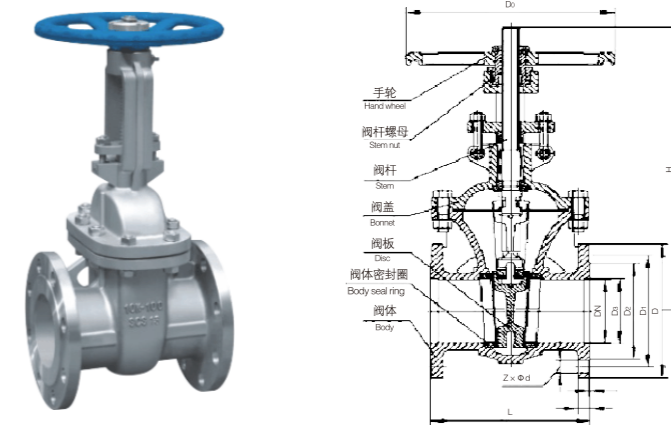
| DN  | L   | D   | b  | Z x Φd   | H    | Do  |
|-----|-----|-----|----|----------|------|-----|
| 40  | 180 | 140 | 20 | 4 x Φ19  | 317  | 190 |
| 50  | 180 | 155 | 20 | 4 x Φ19  | 343  | 190 |
| 65  | 190 | 175 | 22 | 4 x Φ19  | 390  | 190 |
| 80  | 200 | 185 | 22 | 8 x Φ19  | 452  | 210 |
| 100 | 230 | 210 | 24 | 8 x Φ19  | 537  | 240 |
| 125 | 250 | 250 | 24 | 8 x Φ23  | 621  | 260 |
| 150 | 270 | 280 | 26 | 8 x Φ23  | 718  | 270 |
| 200 | 290 | 330 | 26 | 12 x Φ23 | 920  | 300 |
| 250 | 330 | 400 | 30 | 12 x Φ25 | 1113 | 350 |
| 300 | 350 | 445 | 32 | 16 x Φ25 | 1308 | 390 |
| 350 | 460 | 490 | 34 | 16 x Φ25 | 1195 | 400 |
| 400 | 490 | 560 | 36 | 16 x Φ27 | 1367 | 500 |
| 450 | 526 | 620 | 38 | 20 x Φ27 | 1498 | 500 |
| 500 | 554 | 675 | 40 | 20 x Φ27 | 1710 | 500 |
| 600 | 620 | 795 | 44 | 24 x Φ33 | 2129 | 500 |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| DN  | L   | D   | b  | Z x Φd   | H    | Do  |
|-----|-----|-----|----|----------|------|-----|
| 40  | 180 | 140 | 20 | 4 x Φ19  | 249  | 190 |
| 50  | 180 | 155 | 20 | 4 x Φ19  | 262  | 190 |
| 65  | 190 | 175 | 22 | 4 x Φ19  | 286  | 190 |
| 80  | 200 | 185 | 22 | 8 x Φ19  | 325  | 210 |
| 100 | 230 | 210 | 24 | 8 x Φ19  | 382  | 240 |
| 125 | 250 | 250 | 24 | 8 x Φ23  | 417  | 260 |
| 150 | 270 | 280 | 26 | 8 x Φ23  | 455  | 270 |
| 200 | 290 | 330 | 26 | 12 x Φ23 | 559  | 300 |
| 250 | 330 | 400 | 30 | 12 x Φ25 | 674  | 350 |
| 300 | 350 | 445 | 32 | 16 x Φ25 | 780  | 390 |
| 350 | 460 | 490 | 34 | 16 x Φ25 | 925  | 400 |
| 400 | 490 | 560 | 36 | 16 x Φ27 | 1087 | 500 |
| 450 | 526 | 620 | 38 | 20 x Φ27 | 1170 | 500 |
| 500 | 554 | 675 | 40 | 20 x Φ27 | 1365 | 500 |
| 600 | 620 | 795 | 44 | 24 x Φ33 | 1585 | 500 |

**ØJPLS** valves

日标铸钢/不锈钢闸阀10K JIS Cast steel/stainless steel gate valve 10K



主要零件材质 Material Specifications

| 序号 No. | 部件 Parts     | 材料 Material          |
|--------|--------------|----------------------|
| 1      | 阀体 Body      | GG GS-C25, CF8, CF8M |
| 2      | 阀瓣 Disc      | GS-C25, CF8, CF8M    |
| 3      | 阀杆 Stem      | 13Cr, F304, F316     |
| 5      | 螺栓 Bolt      | A193-B7, A193-B8     |
| 7      | 阀盖 Bonnet    | GG GS-C25, CF8, CF8M |
| 8      | 填料 Packing   | Flexible Graphite    |
| 17     | 手轮 Handwheel | A105, F304, F316     |

设计标准 Valve design

| 技术规范 Technical specification |                 |
|------------------------------|-----------------|
| 设计标准 Valve design            | JIS B2073 B2083 |
| 结构长度 Face to Face            | JIS B2002       |
| 试验标准 Pressure test           | JIS B2003       |
| 连接法兰 Flange Drilling         | JIS B2212 B2214 |

备注：阀体材质有WCB、SCS13、SCS13A、SCS14、SCS14A、SCS19、SCS19A、SCS16、SCS16A，本表仅以SCS13举例  
Body material WCB, SCS13, SCS13A, SCS14, SCS14A, SCS19, SCS19A, SCS16, SCS16A, this only USES the example of SCS13

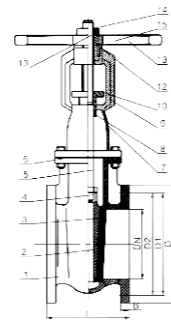
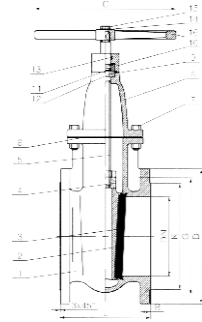
主要外形及连接尺寸 Main external and connecting dimensions(mm)

| 型号 Type | 通径 DN | 尺寸 measure (mm) |     |     |     |      |         |         |        |     |
|---------|-------|-----------------|-----|-----|-----|------|---------|---------|--------|-----|
|         |       | L               | D   | D1  | D2  | D3   | b-f     | Z-Φd    | H      | Do  |
| 10K     | 50    | 178             | 155 | 120 | 96  | 51   | 16-2    | 4 x 19  | 338    | 224 |
|         | 65    | 190             | 175 | 140 | 116 | 66   | 18-2    | 4 x 19  | 362    | 224 |
|         | 80    | 203             | 185 | 150 | 126 | 81.5 | 18-2    | 8 x 19  | 415    | 250 |
|         | 100   | 229             | 210 | 175 | 151 | 102  | 18-2    | 8 x 19  | 447    | 300 |
|         | 125   | 254             | 250 | 210 | 182 | 127  | 20-2    | 8 x 23  | 555    | 330 |
|         | 150   | 267             | 280 | 240 | 212 | 152  | 22-2    | 8 x 23  | 618    | 330 |
|         | 200   | 292             | 330 | 290 | 262 | 203  | 22-2    | 12 x 23 | 781.4  | 330 |
| 250     | 330   | 400             | 355 | 324 | 254 | 24-2 | 12 x 25 | 927.4   | 400    |     |
| 300     | 356   | 455             | 400 | 368 | 304 | 24-3 | 16 x 25 | 1073.4  | 450    |     |
| 20K     | 50    | 216             | 155 | 120 | 96  | 51   | 22-2    | 8 x 19  | 338    | 224 |
|         | 65    | 241             | 175 | 140 | 116 | 66   | 24-2    | 8 x 19  | 362    | 224 |
|         | 80    | 283             | 200 | 160 | 132 | 81.5 | 26-2    | 8 x 23  | 415    | 250 |
|         | 100   | 305             | 225 | 185 | 156 | 102  | 28-2    | 8 x 23  | 447    | 300 |
|         | 125   | 381             | 270 | 225 | 195 | 127  | 30-2    | 8 x 25  | 555    | 330 |
|         | 150   | 403             | 305 | 260 | 230 | 152  | 32-2    | 12 x 25 | 618    | 355 |
|         | 200   | 419             | 350 | 305 | 275 | 203  | 34-2    | 12 x 25 | 806    | 400 |
|         | 250   | 457             | 430 | 380 | 345 | 254  | 38-2    | 12 x 27 | 956    | 450 |
|         | 300   | 502             | 480 | 430 | 395 | 304  | 40-3    | 16 x 27 | 1081.5 | 500 |



**QJPLS** valves

德标铸铁硬密封闸阀F4 DIN Cast iron hard seal gate valve F4



主要零件及材料 Main parts and materials

| NO. | 部件 Parts               | 材料 Material |
|-----|------------------------|-------------|
| 1   | 阀体 Body                | 球墨铸铁 DI     |
| 2   | 阀瓣 Disc                | 球墨铸铁 DI     |
| 3   | 螺母 Nut                 | 黄铜 Brass    |
| 4   | 密封面环 Sealing face ring | 黄铜 Brass    |
| 5   | 阀杆 Stem                | 不锈钢 2Cr13   |
| 6   | 阀盖垫片 Bonnet gasket     | 橡胶 NBR      |
| 7   | 螺栓 Bolt                | Q235号钢 Q235 |
| 8   | 阀盖 Bonnet              | 球墨铸铁 DI     |
| 9   | 定位环 Locking ring       | 黄铜 Brass    |
| 10  | 铜套 Copper bush         | 黄铜 Brass    |
| 11  | O型圈 O-ring             | 橡胶 EPDM     |
| 12  | 垫片 Gasket              | 橡胶 EPDM     |
| 13  | 防尘圈 Dust ring          | 橡胶 NBR      |
| 14  | 垫片 Gasket              | 不锈钢 SS304   |
| 15  | 螺栓 Bolt                | 不锈钢 SS304   |
| 16  | 手轮 Handwheel           | 球墨铸铁 DI     |

| NO. | 部件 Parts              | 材料 Material         |
|-----|-----------------------|---------------------|
| 1   | 阀体 Body               | 球墨铸铁/灰铁 DI/CI       |
| 2   | 阀瓣 Disc               | 球墨铸铁 DI             |
| 3   | 密封圈 Sealing face ring | 黄铜 Brass            |
| 4   | 螺母 Nut                | 黄铜 Brass            |
| 5   | 阀杆 Stem               | 不锈钢 2Cr13           |
| 6   | 阀盖垫 Bonnet gasket     | 橡胶 EPDM             |
| 7   | 阀盖 Bonnet             | 球墨铸铁/灰铁 DI/CI       |
| 8   | 填料 Packing            | 石墨环 Graphite ring   |
| 9   | 支架 Yoke               | 球墨铸铁 DI             |
| 10  | 压铁 Weight             | 球墨铸铁 DI             |
| 11  | 销子 Pin                | 不锈钢 Stainless steel |
| 12  | 锁螺母 Locking nut       | 球墨铸铁 DI             |
| 13  | 手轮 Handwheel          | 球墨铸铁 DI             |
| 14  | 锁螺母 Locking nut       | 40号钢 40Cr           |
| 15  | 螺母 Nut                | 黄铜 Brass            |

设计标准 Valve design

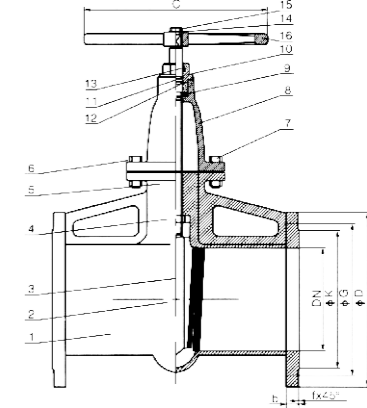
| 技术规范 Technical specification |                 |
|------------------------------|-----------------|
| 设计标准 Valve design            | DIN3352-F4      |
| 结构长度 Face to Face            | DIN3202、ISO5752 |
| 试验标准 Pressure test           | DIN3230         |
| 连接法兰 Flange Drilling         | DIN2501/EN1092  |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| DN  | L   | D    |      | D1   |      | D2   |      | B    |     | C   | n-Φd   |        |
|-----|-----|------|------|------|------|------|------|------|-----|-----|--------|--------|
|     |     | PN10 | PN16 | PN10 | PN16 | PN10 | PN16 | DI   | GI  |     | PN10   | PN16   |
| 40  | 140 | 150  | 150  | 110  | 110  | 87   | 87   | 19   | 18  | 180 | 4-Φ19  | 4-Φ19  |
| 50  | 150 | 165  | 165  | 125  | 125  | 102  | 102  | 19   | 20  | 180 | 4-Φ19  | 4-Φ19  |
| 65  | 170 | 185  | 185  | 145  | 145  | 122  | 122  | 19   | 20  | 180 | 4-Φ19  | 4-Φ19  |
| 80  | 180 | 200  | 200  | 160  | 160  | 138  | 138  | 19   | 22  | 200 | 4-Φ19  | 8-Φ19  |
| 100 | 190 | 220  | 220  | 180  | 180  | 158  | 158  | 19   | 24  | 200 | 8-Φ19  | 8-Φ19  |
| 125 | 200 | 250  | 250  | 210  | 210  | 188  | 188  | 19   | 26  | 250 | 8-Φ19  | 8-Φ19  |
| 150 | 210 | 285  | 285  | 240  | 240  | 212  | 212  | 19   | 26  | 250 | 8-Φ23  | 8-Φ23  |
| 200 | 230 | 340  | 340  | 295  | 295  | 268  | 268  | 20   | 180 | 280 | 8-Φ23  | 12-Φ23 |
| 250 | 250 | 395  | 405  | 350  | 355  | 320  | 320  | 22   | 180 | 320 | 12-Φ23 | 12-Φ27 |
| 300 | 270 | 445  | 460  | 400  | 410  | 370  | 378  | 24.5 | 180 | 350 | 12-Φ23 | 12-Φ27 |

**QJPLS** valves

德标铸铁硬密封闸阀F5 DIN Cast iron hard seal gate valve F5



主要零件及材料 Main parts and materials

| NO. | 部件 Parts               | 材料 Material |
|-----|------------------------|-------------|
| 1   | 阀体 Body                | 球墨铸铁 DI     |
| 2   | 阀瓣 Disc                | 球墨铸铁 DI     |
| 3   | 密封面环 Sealing face ring | 黄铜 Brass    |
| 4   | 螺母 Nut                 | 黄铜 Brass    |
| 5   | 阀杆 Stem                | 不锈钢 2Cr13   |
| 6   | 阀盖垫片 Bonnet gasket     | 橡胶 NBR      |
| 7   | 螺栓 Bolt                | Q235号钢 Q235 |
| 8   | 阀盖 Bonnet              | 球墨铸铁 DI     |
| 9   | 定位环 Locking ring       | 黄铜 Brass    |
| 10  | 铜套 Copper bush         | 黄铜 Brass    |
| 11  | O型圈 O-ring             | 橡胶 EPDM     |
| 12  | 密封圈 Sealing ring       | 四氟 PTFE     |
| 13  | 中头垫 Dust ring          | 橡胶 NBR      |
| 14  | 垫片 Gasket              | 不锈钢 SS304   |
| 15  | 螺栓 Bolt                | 不锈钢 SS304   |
| 16  | 手轮 Handwheel           | 球墨铸铁 DI     |

设计标准 Valve design

| 技术规范 Technical specification |                 |
|------------------------------|-----------------|
| 设计标准 Valve design            | DIN3352-F5      |
| 结构长度 Face to Face            | DIN3202、ISO5752 |
| 试验标准 Pressure test           | DIN3230         |
| 连接法兰 Flange Drilling         | DIN2501/EN1092  |

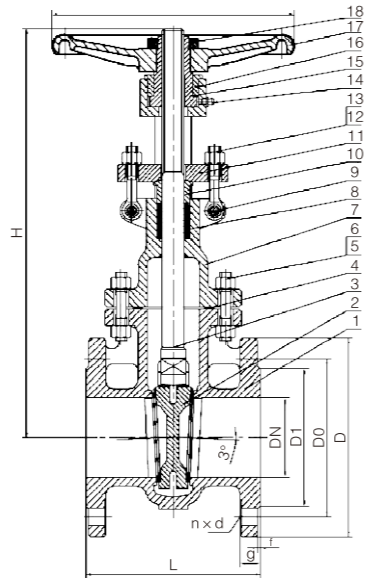
主要外形及连接尺寸 Main external and connecting dimensions(mm)

| DN  | L   | D    |      | D1   |      | D2   |      | B    |     | C   | n-Φd   |        |
|-----|-----|------|------|------|------|------|------|------|-----|-----|--------|--------|
|     |     | PN10 | PN16 | PN10 | PN16 | PN10 | PN16 | DI   | GI  |     | PN10   | PN16   |
| 50  | 250 | 165  | 165  | 125  | 125  | 102  | 102  | 19   | 20  | 180 | 4-Φ19  | 4-Φ19  |
| 65  | 270 | 185  | 185  | 145  | 145  | 122  | 122  | 19   | 20  | 180 | 4-Φ19  | 4-Φ19  |
| 80  | 280 | 200  | 200  | 160  | 160  | 138  | 138  | 19   | 22  | 200 | 4-Φ19  | 8-Φ19  |
| 100 | 300 | 220  | 220  | 180  | 180  | 158  | 158  | 19   | 24  | 200 | 8-Φ19  | 8-Φ19  |
| 125 | 325 | 250  | 250  | 210  | 210  | 188  | 188  | 19   | 26  | 250 | 8-Φ19  | 8-Φ19  |
| 150 | 350 | 285  | 285  | 240  | 240  | 212  | 212  | 19   | 26  | 250 | 8-Φ23  | 8-Φ23  |
| 200 | 400 | 340  | 340  | 295  | 295  | 268  | 268  | 20   | 180 | 280 | 8-Φ23  | 12-Φ23 |
| 250 | 450 | 395  | 405  | 350  | 355  | 320  | 320  | 22   | 180 | 320 | 12-Φ23 | 12-Φ27 |
| 300 | 500 | 445  | 460  | 400  | 410  | 370  | 378  | 24.5 | 200 | 350 | 12-Φ23 | 12-Φ27 |



**ΦJPLS valves**

德标铸钢/不锈钢闸阀F4 DIN Cast steel/stainless steel gate valve F4



主要零件材质 Material Specifications

| 序号 No. | 部件 Parts     | 材料 Material          |
|--------|--------------|----------------------|
| 1      | 阀体 Body      | GG GS-C25, CF8, CF8M |
| 2      | 阀瓣 Disc      | GS-C25, CF8, CF8M    |
| 3      | 阀杆 Stem      | 13Cr, F304, F316     |
| 5      | 螺栓 Bolt      | A193-B7, A193-B8     |
| 7      | 阀盖 Bonnet    | GG GS-C25, CF8, CF8M |
| 8      | 填料 Packing   | Flexible Graphite    |
| 17     | 手轮 Handwheel | A105, F304, F316     |

设计标准 Valve design

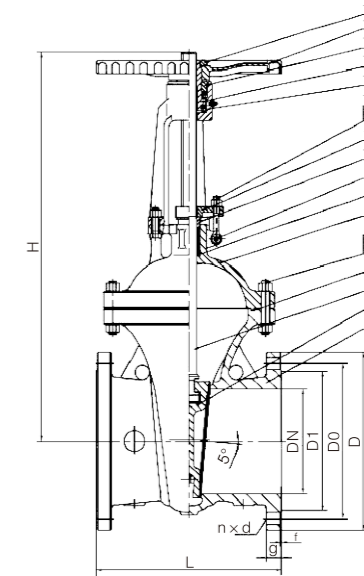
| 技术规范 Technical specification |                   |
|------------------------------|-------------------|
| 设计标准 Valve design            | DIN EN13709-2003  |
| 结构长度 Face to Face            | DIN EN588-1:1995  |
| 试验标准 Pressure test           | DIN EN12266:2003  |
| 连接法兰 Flange Drilling         | DIN EN1092-1:2002 |

规格尺寸 Main Sizes and Dimensions

| 公称通径 DN | PN16 |     |     |     |    |   |         |     |     |  | PN25 |     |     |     |    |   |         |     |     |  | PN40 |     |     |     |    |   |         |     |     |  |
|---------|------|-----|-----|-----|----|---|---------|-----|-----|--|------|-----|-----|-----|----|---|---------|-----|-----|--|------|-----|-----|-----|----|---|---------|-----|-----|--|
|         | L    | D   | Do  | D1  | g  | f | n x d   | H   | W   |  | L    | D   | Do  | D1  | g  | f | n x d   | H   | W   |  | L    | D   | Do  | D1  | g  | f | n x d   | H   | W   |  |
| 40      | 140  | 150 | 110 | 88  | 18 | 3 | 4 x 18  | 325 | 200 |  | 140  | 150 | 110 | 88  | 20 | 3 | 4 x 18  | 325 | 200 |  | 140  | 150 | 110 | 88  | 20 | 3 | 4 x 18  | 325 | 200 |  |
| 50      | 150  | 165 | 125 | 102 | 18 | 3 | 4 x 18  | 335 | 200 |  | 150  | 165 | 125 | 102 | 20 | 3 | 4 x 18  | 335 | 200 |  | 150  | 165 | 125 | 102 | 20 | 3 | 4 x 18  | 335 | 200 |  |
| 65      | 170  | 185 | 145 | 122 | 18 | 3 | 8 x 18  | 360 | 200 |  | 170  | 185 | 145 | 122 | 22 | 3 | 8 x 18  | 360 | 200 |  | 170  | 185 | 145 | 122 | 22 | 3 | 8 x 18  | 360 | 200 |  |
| 80      | 180  |     |     |     |    |   |         |     |     |  |      |     |     |     |    |   |         |     |     |  |      |     |     |     |    |   |         |     |     |  |
| 100     | 190  | 220 | 180 | 158 | 20 | 3 | 8 x 18  | 480 | 200 |  | 190  | 235 | 190 | 162 | 24 | 3 | 8 x 22  | 480 | 200 |  | 190  | 235 | 190 | 162 | 24 | 3 | 8 x 22  | 480 | 200 |  |
| 125     | 200  |     |     |     |    |   |         |     |     |  |      |     |     |     |    |   |         |     |     |  |      |     |     |     |    |   |         |     |     |  |
| 150     | 210  | 285 | 240 | 212 | 22 | 3 | 8 x 22  | 590 | 250 |  | 210  | 300 | 250 | 218 | 28 | 3 | 8 x 26  | 590 | 250 |  | 210  | 300 | 250 | 218 | 28 | 3 | 8 x 26  | 590 | 250 |  |
| 200     | 230  |     |     |     |    |   |         |     |     |  |      |     |     |     |    |   |         |     |     |  |      |     |     |     |    |   |         |     |     |  |
| 250     | 250  | 405 | 355 | 320 | 26 | 3 | 12 x 26 | 890 | 350 |  | 250  | 425 | 370 | 335 | 36 | 3 | 12 x 30 | 890 | 350 |  | 250  | 450 | 385 | 345 | 38 | 3 | 12 x 33 | 890 | 350 |  |
| 300     | 270  |     |     |     |    |   |         |     |     |  |      |     |     |     |    |   |         |     |     |  |      |     |     |     |    |   |         |     |     |  |

**ΦJPLS valves**

德标铸钢/不锈钢闸阀F5 DIN Cast steel/stainless steel gate valve F5



主要零件材质 Material Specifications

| 序号 No. | 部件 Parts     | 材料 Material          |
|--------|--------------|----------------------|
| 1      | 阀体 Body      | GG GS-C25, CF8, CF8M |
| 2      | 阀瓣 Disc      | GS-C25, CF8, CF8M    |
| 3      | 阀杆 Stem      | 13Cr, F304, F316     |
| 5      | 螺栓 Bolt      | A193-B7, A193-B8     |
| 7      | 阀盖 Bonnet    | GG GS-C25, CF8, CF8M |
| 8      | 填料 Packing   | Flexible Graphite    |
| 17     | 手轮 Handwheel | A105, F304, F316     |

设计标准 Valve design

| 技术规范 Technical specification |                   |
|------------------------------|-------------------|
| 设计标准 Valve design            | DIN EN12288-2003  |
| 结构长度 Face to Face            | DIN EN588-1:1995  |
| 试验标准 Pressure test           | DIN EN12266:2003  |
| 连接法兰 Flange Drilling         | DIN EN1092-1:2002 |

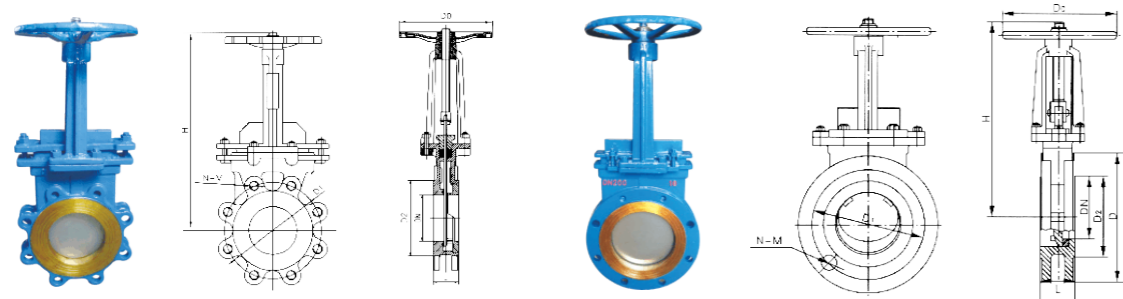
规格尺寸 Main Sizes and Dimensions

| 公称通径 DN | PN16  |     |     |     |    |   |         |     |     |  | PN25 |     |     |     |     |    |        |         |     |     | PN40 |     |     |     |     |     |        |     |         |     |     |  |
|---------|---|-----|-----|-----|----|---|---------|-----|-----|--|------|-----|-----|-----|-----|----|--------|---------|-----|-----|------|-----|-----|-----|-----|-----|--------|-----|---------|-----|-----|--|
|         | L   | D   | Do  | D1  | g  | f | n x d   | H   | W   |  | L    | D   | Do  | D1  | g   | f  | n x d  | H       | W   |     | L    | D   | Do  | D1  | g   | f   | n x d  | H   | W       |     |     |  |
| 40      | 240   | 150 | 110 | 88  | 18 | 3 | 4 x 18  | 310 | 200 |  | 240  | 150 | 110 | 88  | 20  | 3  | 4 x 18 | 310     | 200 |     | 240  | 150 | 110 | 88  | 20  | 3   | 4 x 18 | 310 | 200     |     |     |  |
| 50      | 250   | 165 | 125 | 102 | 18 | 3 | 4 x 18  | 319 | 250 |  | 250  | 165 | 125 | 102 | 20  | 3  | 4 x 18 | 319     | 250 |     | 250  | 165 | 125 | 102 | 20  | 3   | 4 x 18 | 319 | 250     |     |     |  |
| 65      | 270   | 185 | 145 | 122 | 18 | 3 | 8 x 18  | 367 | 250 |  | 270  | 185 | 145 | 122 | 22  | 3  | 8 x 18 | 367     | 250 |     | 270  | 185 | 145 | 122 | 22  | 3   | 8 x 18 | 367 | 250     |     |     |  |
|         | 200 160 138 20 3 8 x 18 427 250 280 200 160 138 24 3 8 x 18 427 250 280 200 160 138 24 3 8 x 18 427 250       |     |     |     |    |   |         |     |     |  |      |     |     |     |     |    |        |         |     |     |      |     |     |     |     |     |        |     |         |     |     |  |
| 100     | 300   | 220 | 180 | 158 | 20 | 3 | 8 x 18  | 514 | 300 |  | 300  | 235 | 190 | 162 | 24  | 3  | 8 x 22 | 514     | 300 |     | 300  | 235 | 190 | 162 | 24  | 3   | 8 x 22 | 514 | 300     |     |     |  |
|         | 250 210 188 22 3 8 x 18 523 300 325 270 220 188 26 3 8 x 26 523 300 325 270 220 188 26 3 8 x 26 523 300       |     |     |     |    |   |         |     |     |  |      |     |     |     |     |    |        |         |     |     |      |     |     |     |     |     |        |     |         |     |     |  |
| 150     | 350   | 285 | 240 | 212 | 22 | 3 | 8 x 22  | 625 | 350 |  | 350  | 350 | 300 | 250 | 218 | 28 | 3      | 8 x 26  | 625 | 350 |      | 350 | 350 | 300 | 250 | 218 | 28     | 3   | 8 x 26  | 625 | 350 |  |
|         | 340 295 268 24 3 12 x 22 715 350 400 360 310 278 34 3 12 x 26 715 350 400 375 320 285 34 3 12 x 30 715 350    |     |     |     |    |   |         |     |     |  |      |     |     |     |     |    |        |         |     |     |      |     |     |     |     |     |        |     |         |     |     |  |
| 250     | 450   | 405 | 355 | 320 | 26 | 3 | 12 x 26 | 925 | 450 |  | 450  | 450 | 425 | 370 | 335 | 36 | 3      | 12 x 30 | 925 | 450 |      | 450 | 450 | 425 | 370 | 335 | 36     | 3   | 12 x 30 | 925 | 450 |  |
|         | 460 410 378 28 4 12 x 26 1075 450 500 485 430 395 40 4 12 x 30 1075 450 500 515 450 410 42 4 16 x 33 1075 450 |     |     |     |    |   |         |     |     |  |      |     |     |     |     |    |        |         |     |     |      |     |     |     |     |     |        |     |         |     |     |  |



**ΦJPLS valves**

手动凸耳/法兰式刀型闸阀 Manual lug/flanged knife gate valve



技术参数 Technical parameters

|                           |  |
|---------------------------|--|
| 公称压力 Nominal pressure     | 0.6MPa、1.0MPa、1.6MPa、150Lb   |
| 公称口径 Nominal diameter     | DN50 ~ 1200mm NPS 2" ~ 40"   |
| 适用温度 Suitable temperature | -38 ~ +900°C (具体温度范围视密封副材质和介质性质而定 The specific temperature range depends on the material of the seal and the properties of the medium) |
| 连接法兰 Connecting flange    | ANSI B16.5、GB/T9113、JB/T79、HG、SH、JIS、DIN、NF、BS   |
| 主体材料 Host materials       | WCB、ZG1Cr18Ni9Ti、ZG1Cr18Ni12Mo2Ti、CF8、CF8M、CF3、CF3M  |
| 密封型式 Seal type            | 硬密封、软密封 Hard seal, soft seal   |
| 泄漏量 leakage               | 硬密封 D级(液体0.1 × DNmm³/s) 软密封 A级(零泄漏) Hard seal D-level (liquid 0.1 × DNmm³/s) Soft seal a-level (zero leakage)                          |
| 配套附件 Provide ancillary    | 安装法兰 Mounting flange   |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| MPa    | DN  | L            |              | D    | D1   | D2   | H      | N-M    | Do  |
|--------|-----|--------------|--------------|------|------|------|--------|--------|-----|
|        |     | 系列1 Series 1 | 系列2 Series 2 |      |      |      |        |        |     |
| 1.0MPa | 50  | 50           | 48           | 160  | 125  | 100  | 285    | 4-M16  | 180 |
|        | 65  | 50           | 48           | 180  | 145  | 120  | 298    | 4-M16  | 180 |
|        | 80  | 50           | 51           | 195  | 160  | 135  | 315    | 4-M16  | 220 |
|        | 100 | 50           | 51           | 215  | 180  | 155  | 365    | 8-M16  | 220 |
|        | 125 | 50           | 57           | 245  | 210  | 185  | 400    | 8-M16  | 230 |
|        | 150 | 60           | 57           | 280  | 240  | 210  | 475    | 8-M20  | 280 |
|        | 200 | 60           | 70           | 335  | 295  | 265  | 540    | 8-M20  | 360 |
|        | 250 | 70           | 70           | 390  | 350  | 320  | 630    | 12-M20 | 360 |
|        | 300 | 80           | 76           | 440  | 400  | 368  | 780    | 12-M20 | 400 |
|        | 350 | 90           | 76           | 500  | 460  | 428  | 885    | 16-M20 | 400 |
|        | 400 | 100          | 89           | 565  | 515  | 482  | 990    | 16-M22 | 400 |
|        | 450 | 120          | 89           | 615  | 565  | 532  | 1100   | 20-M22 | 530 |
|        | 500 | 130          | 114          | 670  | 620  | 585  | 1200   | 20-M22 | 530 |
|        | 600 | 130          | 114          | 780  | 725  | 685  | 1450   | 20-M27 | 600 |
|        | 700 | 154          | 117          | 895  | 840  | 800  | 1700   | 24-M27 | 600 |
|        | 800 | 160          | 130          | 1010 | 950  | 898  | 2000   | 24-M30 | 680 |
| 900    | 203 | 160          | 1110         | 1050 | 1005 | 2300 | 28-M30 | 680    |     |
| 1000   | 216 | 216          | 1220         | 1160 | 1115 | 2500 | 28-M30 | 700    |     |
| 1200   | 254 | 254          | 1450         | 1380 | 1325 | 2800 | 32-M36 | 800    |     |

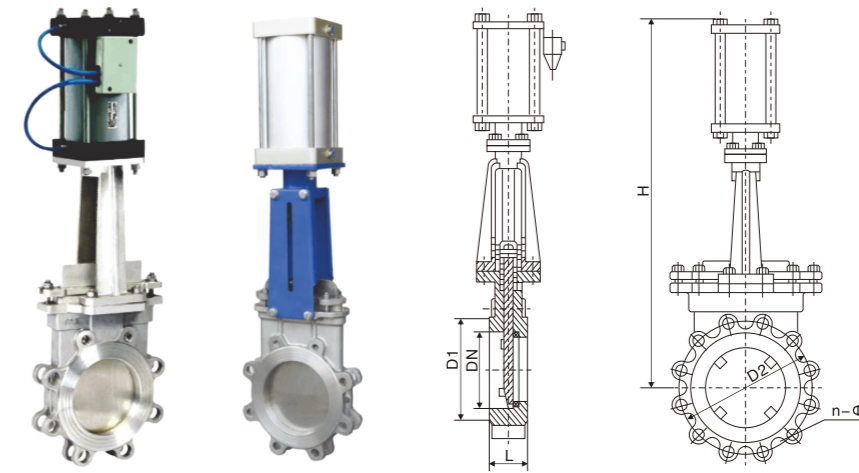
主要外形及连接尺寸 Main external and connecting dimensions(mm)

| MPa    | DN  | L            |              | D    | D1  | D2   | H      | N-M    | Do  |
|--------|-----|--------------|--------------|------|-----|------|--------|--------|-----|
|        |     | 系列1 Series 1 | 系列2 Series 2 |      |     |      |        |        |     |
| 1.6MPa | 50  | 50           | 48           | 160  | 125 | 99   | 285    | 4-M16  | 180 |
|        | 65  | 50           | 48           | 185  | 145 | 120  | 298    | 4-M16  | 180 |
|        | 80  | 50           | 51           | 200  | 160 | 135  | 315    | 8-M16  | 220 |
|        | 100 | 50           | 51           | 220  | 180 | 155  | 365    | 8-M16  | 220 |
|        | 125 | 50           | 57           | 250  | 210 | 185  | 400    | 8-M16  | 230 |
|        | 150 | 60           | 57           | 285  | 240 | 210  | 475    | 8-M20  | 280 |
|        | 200 | 60           | 70           | 340  | 295 | 265  | 540    | 12-M20 | 360 |
|        | 250 | 70           | 70           | 405  | 355 | 320  | 630    | 12-M24 | 360 |
|        | 300 | 80           | 76           | 460  | 410 | 375  | 780    | 12-M24 | 400 |
|        | 350 | 90           | 76           | 520  | 470 | 435  | 885    | 16-M24 | 400 |
|        | 400 | 100          | 89           | 580  | 525 | 485  | 990    | 16-M27 | 400 |
|        | 450 | 120          | 89           | 640  | 585 | 545  | 1100   | 20-M27 | 530 |
|        | 500 | 130          | 114          | 715  | 650 | 609  | 1200   | 20-M30 | 530 |
|        | 600 | 130          | 114          | 840  | 770 | 720  | 1450   | 20-M33 | 600 |
|        | 700 | 154          | 117          | 910  | 840 | 788  | 1700   | 24-M33 | 600 |
|        | 800 | 160          | 130          | 1025 | 950 | 898  | 2000   | 24-M36 | 680 |
| 900    | 203 | 160          | 1125         | 1050 | 988 | 2300 | 28-M36 | 680    |     |

注明: 系列1为国标GB/T15188.2-1994(德标DIN3202-1999) 系列2为美标MSS SP-81-2006 在客户没有指定结构长度的情况下 优先选用系列1。  
 Note: Series 1 is GB/T15188.2-1994 (German standard DIN3202-1999) Series 2 is American standard MSS sp-81-2006  
 Series 1 is preferred in cases where the customer does not specify the length of the structure.

**ΦJPLS valves**

气动刀型闸阀 Pneumatic knife gate valve



技术参数 Technical parameters

|                           |  |
|---------------------------|--|
| 公称压力 Nominal pressure     | 0.6MPa、1.0MPa、1.6MPa、150Lb   |
| 公称口径 Nominal diameter     | DN50 ~ 1200mm NPS 2" ~ 40"   |
| 适用温度 Suitable temperature | -38 ~ +900°C (具体温度范围视密封副材质和介质性质而定 The specific temperature range depends on the material of the seal and the properties of the medium) |
| 连接法兰 Connecting flange    | ANSI B16.5、GB/T9113、JB/T79、HG、SH、JIS、DIN、NF、BS   |
| 主体材料 Host materials       | WCB、ZG1Cr18Ni9Ti、ZG1Cr18Ni12Mo2Ti、CF8、CF8M、CF3、CF3M  |
| 密封型式 Seal type            | 硬密封、软密封 Hard seal, soft seal   |
| 泄漏量 leakage               | 硬密封 D级(液体0.1 × DNmm³/s) 软密封 A级(零泄漏) Hard seal D-level (liquid 0.1 × DNmm³/s) Soft seal a-level (zero leakage)                          |
| 配套附件 Provide ancillary    | 安装法兰 Mounting flange   |

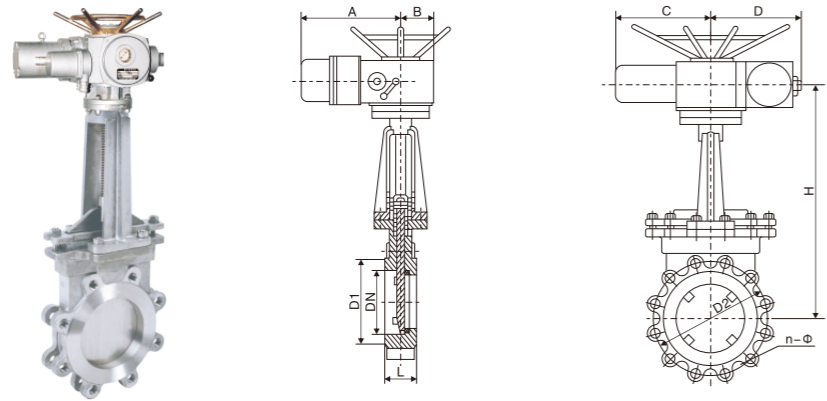
主要外形及连接尺寸 Main external and connecting dimensions(mm)

| 公称口径 Nominal diameter |     | L   | D    | D1    | D2    | 法兰孔数 Flange hole | 通孔直径 Spindle bore |
|-----------------------|-----|-----|------|-------|-------|------------------|-------------------|
| Inch                  | mm  |     |      |       |       |                  |                   |
| 2"                    | 50  | 48  | 152  | 120.5 | 92    | 4-W5/8           | 19                |
| 2 1/2"                | 65  | 48  | 178  | 139.5 | 105   | 4-W5/8           | 19                |
| 3"                    | 80  | 51  | 190  | 152.5 | 127   | 4-W5/8           | 19                |
| 4"                    | 100 | 51  | 229  | 190.5 | 157   | 8-W5/8           | 19                |
| 5"                    | 125 | 57  | 254  | 216.5 | 186   | 8-W3/4           | 22                |
| 6"                    | 150 | 57  | 279  | 241.5 | 216   | 8-W3/4           | 22                |
| 8"                    | 200 | 70  | 343  | 298.5 | 270   | 8-W3/4           | 22                |
| 10"                   | 250 | 70  | 406  | 362   | 324   | 12-W7/8          | 25                |
| 12"                   | 300 | 76  | 483  | 432   | 384   | 12-W7/8          | 25                |
| 14"                   | 350 | 76  | 533  | 476   | 413   | 12-W1            | 29                |
| 16"                   | 400 | 89  | 597  | 539.5 | 470   | 16-W1            | 29                |
| 18"                   | 450 | 89  | 635  | 578   | 533   | 16-W11/8         | 32                |
| 20"                   | 500 | 114 | 698  | 635   | 584   | 20-W11/8         | 32                |
| 24"                   | 600 | 114 | 813  | 749.5 | 692   | 20-W11/4         | 32                |
| 28"                   | 700 | 117 | 927  | 863.6 | 800   | 28-W11/4         | 35                |
| 30"                   | 750 | 117 | 984  | 914.4 | 857   | 28-W11/4         | 35                |
| 32"                   | 800 | 130 | 1060 | 978   | 914.4 | 28-W11/2         | 41                |
| 36"                   | 900 | 160 | 1168 | 1086  | 1022  | 32-W11/2         | 41                |



**JPLS valves**

电动刀型闸阀 Electric knife gate valve



技术参数 Technical parameters

|                           |   |
|---------------------------|---|
| 公称压力 Nominal pressure     | 0.6MPa、1.0MPa、1.6MPa、150Lb  |
| 公称直径 Nominal diameter     | DN50 ~ 1200mm NPS 2" ~ 40"  |
| 适用温度 Suitable temperature | -38 ~ +900°C (具体温度范围视密封副材质和介质性质而定 The specific temperature range depends on the material of the seal and the properties of the medium)  |
| 连接法兰 Connecting flange    | ANSI B16.5、GB/T9113、JB/T79、HG、SH、JIS、DIN、NF、BS  |
| 主体材料 Host materials       | WCB、ZG1Cr18Ni9Ti、ZG1Cr18Ni12Mo2Ti、CF8、CF8M、CF3、CF3M   |
| 密封型式 Seal type            | 硬密封 Hard seal, 软密封 Soft seal  |
| 泄漏量 leakage               | 硬密封 D级(液体0.1 × DNmm <sup>3</sup> /s) 软密封 A级(零泄漏) Hard seal D-level (liquid 0.1 × DNmm <sup>3</sup> /s) Soft seal a-level (zero leakage) |
| 配套附件 Provide ancillary    | 安装法兰 Mounting flange  |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| MPa    | DN  | L            |              | D   | D1  | D2   | H      | N-M    | Do  |
|--------|-----|--------------|--------------|-----|-----|------|--------|--------|-----|
|        |     | 系列1 Series 1 | 系列2 Series 2 |     |     |      |        |        |     |
| 1.0MPa | 50  | 50           | 48           | 160 | 125 | 100  | 285    | 4-M16  | 180 |
|        | 65  | 50           | 48           | 180 | 145 | 120  | 298    | 4-M16  | 180 |
|        | 80  | 50           | 51           | 195 | 160 | 135  | 315    | 4-M16  | 220 |
|        | 100 | 50           | 51           | 215 | 180 | 155  | 365    | 8-M16  | 220 |
|        | 125 | 50           | 57           | 245 | 210 | 185  | 400    | 8-M16  | 230 |
|        | 150 | 60           | 57           | 280 | 240 | 210  | 475    | 8-M20  | 280 |
|        | 200 | 60           | 70           | 335 | 295 | 265  | 540    | 8-M20  | 360 |
|        | 250 | 70           | 70           | 390 | 350 | 320  | 630    | 12-M20 | 360 |
|        | 300 | 80           | 76           | 440 | 400 | 368  | 780    | 12-M20 | 400 |
|        | 350 | 90           | 76           | 500 | 460 | 428  | 885    | 16-M20 | 400 |
|        | 400 | 100          | 89           | 565 | 515 | 482  | 990    | 16-M22 | 400 |
| 450    | 120 | 89           | 615          | 565 | 532 | 1100 | 20-M22 | 530    |     |
| 500    | 130 | 114          | 670          | 620 | 585 | 1200 | 20-M22 | 530    |     |
| 600    | 130 | 114          | 780          | 725 | 685 | 1450 | 20-M27 | 600    |     |

| MPa    | DN  | L            |              | D   | D1  | D2   | H      | N-M    | Do  |
|--------|-----|--------------|--------------|-----|-----|------|--------|--------|-----|
|        |     | 系列1 Series 1 | 系列2 Series 2 |     |     |      |        |        |     |
| 1.6MPa | 50  | 50           | 48           | 160 | 125 | 99   | 285    | 4-M16  | 180 |
|        | 65  | 50           | 48           | 185 | 145 | 120  | 298    | 4-M16  | 180 |
|        | 80  | 50           | 51           | 200 | 160 | 135  | 315    | 8-M16  | 220 |
|        | 100 | 50           | 51           | 220 | 180 | 155  | 365    | 8-M16  | 220 |
|        | 125 | 50           | 57           | 250 | 210 | 185  | 400    | 8-M16  | 230 |
|        | 150 | 60           | 57           | 285 | 240 | 210  | 475    | 8-M20  | 280 |
|        | 200 | 60           | 70           | 340 | 295 | 265  | 540    | 12-M20 | 360 |
|        | 250 | 70           | 70           | 405 | 355 | 320  | 630    | 12-M24 | 360 |
|        | 300 | 80           | 76           | 460 | 410 | 375  | 780    | 12-M24 | 400 |
|        | 350 | 90           | 76           | 520 | 470 | 435  | 885    | 16-M24 | 400 |
|        | 400 | 100          | 89           | 580 | 525 | 485  | 990    | 16-M27 | 400 |
|        | 450 | 120          | 89           | 640 | 585 | 545  | 1100   | 20-M27 | 530 |
|        | 500 | 130          | 114          | 715 | 650 | 609  | 1200   | 20-M30 | 530 |
| 600    | 130 | 114          | 840          | 770 | 720 | 1450 | 20-M33 | 600    |     |

注明：系列1为国标GB/T15188.2-1994(德标DIN3202-1999) 系列2为美标MSS SP-81-2006 在客户没有指定结构长度的情况下 优先选用系列1。  
 Note: Series 1 is GB/T15188.2-1994 (German standard DIN3202-1999) Series 2 is American standard MSS sp-81-2006  
 Series 1 is preferred in cases where the customer does not specify the length of the structure.

**JPLS valves**

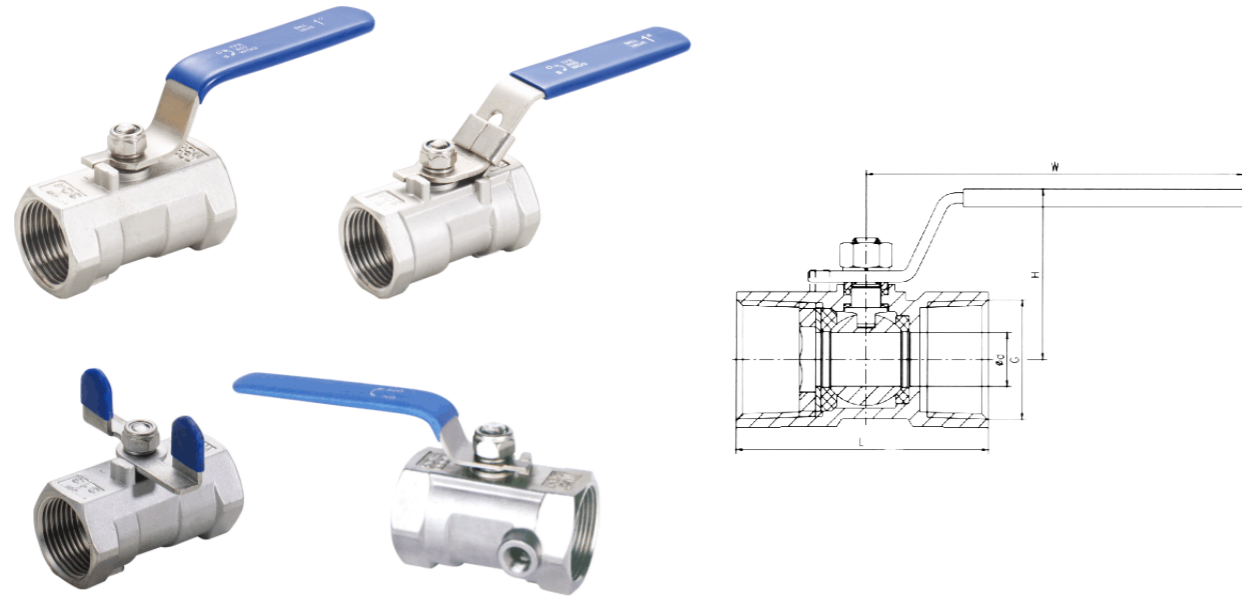
天津普洛斯阀门有限公司  
TIANJIN PULOS VALVE CO., LTD.





**QJPLS** valves

1片式丝扣球阀 1PC Threaded ball valve



主要零件材质 Material Specifications

| 材料名称<br>Material Name | Q11F-(16-64)C                       | Q11F-(16-64)P       | Q11F-(16-64)R            |
|-----------------------|-------------------------------------|---------------------|--------------------------|
| 阀体 Body               | WCB                                 | ZG1Cr18Ni9Ti<br>CF8 | ZG1Cr18Ni12Mo2Ti<br>CF8M |
| 球体 Ball               | 1Cr18Ni9Ti<br>304                   | 1Cr18Ni9Ti<br>304   | 1Cr18Ni12Mo2Ti<br>316    |
| 阀杆 Stem               | 1Cr18Ni9Ti<br>304                   | 1Cr18Ni9Ti<br>304   | 1Cr18Ni12Mo2Ti<br>316    |
| 密封圈 Sealing           | 聚四氟乙烯 Polytetrafluorethylene (PTFE) |                     |                          |
| 填料 Gland Packing      | 聚四氟乙烯 Polytetrafluorethylene (PTFE) |                     |                          |

性能规范 Specifications

| 技术规范 Technical specification                      |  |
|---|--|
| 公称压力<br>Nominal pressure                          | PN1.6, 2.5, 4.0, 6.4MPa  |
| 强度试验压力<br>Strength testing pressure               | PT2.4, 3.8, 6.0, 9.6MPa  |
| 低压气密封试验压力<br>Seat testing pressure (low pressure) | 0.6MPa   |
| 适用介质 Applicable medium                            | Q11F-(16-64)C 水、油品、气 Water,Oil,Gas                             |
| 适用温度<br>Suitable temperature                      | -29~180°C  |
| 适用介质<br>Applicable medium                         | Q11F-(16-64)P 硝酸类 Nitric acid<br>Q11F-(16-64)R 醋酸类 Acetic acid |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| DN | G      | d  | L   | H   | W   |
|----|--------|----|-----|-----|-----|
|    |        |    |     |     |     |
| 10 | 3/8"   | 7  | 45  | 30  | 70  |
| 15 | 1/2"   | 9  | 55  | 34  | 90  |
| 20 | 3/4"   | 12 | 60  | 38  | 90  |
| 25 | 1"     | 15 | 70  | 50  | 110 |
| 32 | 1 1/4" | 20 | 80  | 56  | 120 |
| 40 | 1 1/2" | 25 | 86  | 60  | 130 |
| 50 | 2"     | 32 | 101 | 65  | 140 |
| 65 | 2 1/2" | 38 | 117 | 72  | 170 |
| 80 | 3"     | 50 | 140 | 105 | 185 |

**QJPLS** valves

2片式丝扣球阀 2PC Threaded ball valve



主要零件材质 Material Specifications

| 材料名称<br>Material Name | Q11F-(16-64)C                       | Q11F-(16-64)P       | Q11F-(16-64)R            |
|-----------------------|-------------------------------------|---------------------|--------------------------|
| 阀体 Body               | WCB                                 | ZG1Cr18Ni9Ti<br>CF8 | ZG1Cr18Ni12Mo2Ti<br>CF8M |
| 阀盖 Bonnet             | WCB                                 | ZG1Cr18Ni9Ti<br>CF8 | ZG1Cr18Ni12Mo2Ti<br>CF8M |
| 球体 Ball               | 1Cr18Ni9Ti<br>304                   | 1Cr18Ni9Ti<br>304   | 1Cr18Ni12Mo2Ti<br>316    |
| 阀杆 Stem               | 1Cr18Ni9Ti<br>304                   | 1Cr18Ni9Ti<br>304   | 1Cr18Ni12Mo2Ti<br>316    |
| 密封圈 Sealing           | 聚四氟乙烯 Polytetrafluorethylene (PTFE) |                     |                          |
| 填料 Gland Packing      | 聚四氟乙烯 Polytetrafluorethylene (PTFE) |                     |                          |

性能规范 Specifications

| 技术规范 Technical specification                      |  |
|---|--|
| 公称压力<br>Nominal pressure                          | PN1.6, 2.5, 4.0, 6.4MPa  |
| 强度试验压力<br>Strength testing pressure               | PT2.4, 3.8, 6.0, 9.6MPa  |
| 低压气密封试验压力<br>Seat testing pressure (low pressure) | 0.6MPa   |
| 适用介质 Applicable medium                            | Q11F-(16-64)C 水、油品、气 Water,Oil,Gas                             |
| 适用温度<br>Suitable temperature                      | -29~180°C  |
| 适用介质<br>Applicable medium                         | Q11F-(16-64)P 硝酸类 Nitric acid<br>Q11F-(16-64)R 醋酸类 Acetic acid |

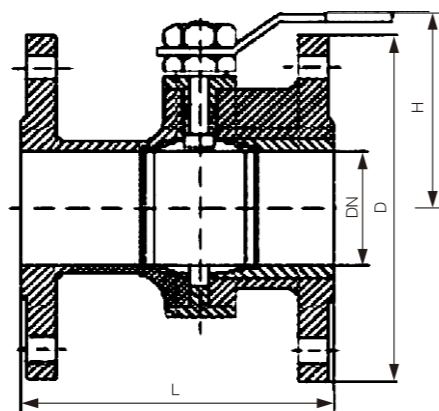
主要外形及连接尺寸 Main external and connecting dimensions(mm)

| DN  | G      | d   | L   |     |         | E    |    | H   |    | W   |         |
|-----|--------|-----|-----|-----|---------|------|----|-----|----|-----|---------|
|     |        |     | ①   | ②   | ③       | ① ②  | ③  | ① ② | ③  |     |         |
| 8   | 1/4"   | 10  | 55  | 55  | 57      | 11.5 | 14 | 50  | 58 | 90  | 80      |
| 10  | 3/8"   | 12  | 55  | 60  | 57      | 11.5 | 14 | 50  | 58 | 90  | 80      |
| 15  | 1/2"   | 15  | 63  | 75  | 57      | 14   | 14 | 58  | 58 | 90  | 90/80   |
| 20  | 3/4"   | 20  | 73  | 80  | 65      | 15   | 15 | 62  | 62 | 110 | 110/90  |
| 25  | 1"     | 25  | 84  | 90  | 76/79   | 15   | 15 | 72  | 72 | 120 | 120/110 |
| 32  | 1 1/4" | 32  | 98  | 110 | 88/90   | 18   | 18 | 80  | 80 | 130 | 130/120 |
| 40  | 1 1/2" | 38  | 106 | 120 | 97/98   | 19   | 19 | 90  | 90 | 150 | 150/130 |
| 50  | 2"     | 50  | 121 | 140 | 119/116 | 19   | 19 | 98  | 98 | 170 | 170/150 |
| 65  | 2 1/2" | 64  | 146 | 185 |         | 23   |    | 125 |    | 220 |         |
| 80  | 3"     | 78  | 166 | 205 |         | 25   |    | 138 |    | 240 |         |
| 100 | 4"     | 100 | 204 | 240 |         | 28   |    | 156 |    | 300 |         |



**ΦJPLS** valves

德标铸铁球阀 DIN Cast iron ball valve



主要零件及材料 Main parts and materials

| 零件名称 Part name | 材料 Material  |
|----------------|--------------|
| 阀体 Body        | 铸铁 Cast iron |
| 球 Ball         | 304          |
| 阀杆 Stem        | 416          |
| 阀座 Seat        | PTFE         |

设计标准 Valve design

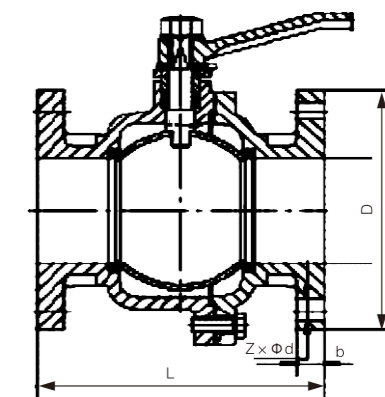
| 技术规范 Technical specification |                   |
|------------------------------|-------------------|
| 设计标准 Valve design            | BS 5159           |
| 结构长度 Face to Face            | DIN 3202          |
| 试验标准 Pressure test           | API 598           |
| 连接法兰 Flange Drilling         | DIN 2501/DIN 2533 |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| DN  | L   | D   | D1  | PCD | n-d   |
|-----|-----|-----|-----|-----|-------|
| 25  | 125 | 115 | 68  | 85  | 4-14  |
| 32  | 130 | 140 | 78  | 100 | 4-18  |
| 40  | 140 | 150 | 88  | 110 | 4-18  |
| 50  | 150 | 165 | 102 | 125 | 4-18  |
| 65  | 170 | 185 | 122 | 145 | 4-18  |
| 80  | 180 | 200 | 138 | 160 | 8-18  |
| 100 | 190 | 220 | 158 | 180 | 8-18  |
| 125 | 325 | 250 | 188 | 210 | 8-18  |
| 150 | 350 | 285 | 212 | 240 | 8-23  |
| 200 | 400 | 340 | 268 | 295 | 12-23 |
| 250 | 450 | 405 | 320 | 355 | 12-27 |

**ΦJPLS** valves

日标铸铁球阀 JIS Cast iron ball valve



主要零件及材料 Main parts and materials

| 零件名称 Part name | 材料 Material  |
|----------------|--------------|
| 阀体 Body        | 铸铁 Cast iron |
| 球 Ball         | 304          |
| 阀杆 Stem        | 416          |
| 阀座 Seat        | PTFE         |

设计标准 Valve design

| 技术规范 Technical specification |                    |
|------------------------------|--------------------|
| 设计标准 Valve design            | BS5159             |
| 结构长度 Face to Face            | KS B2306           |
| 试验标准 Pressure test           | KS B2304           |
| 连接法兰 Flange Drilling         | KS B1511 JIS B2239 |

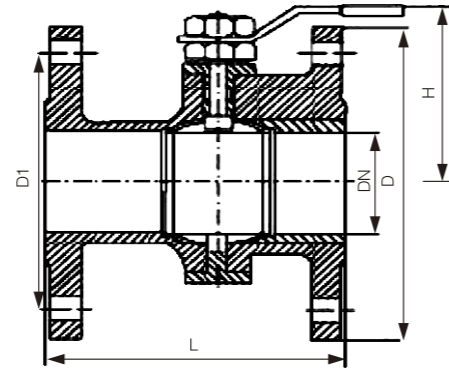
主要外形及连接尺寸 Main external and connecting dimensions(mm)

| Size | L   | D   | b  | z-d   |
|------|-----|-----|----|-------|
| 40   | 165 | 140 | 19 | 4-19  |
| 50   | 180 | 155 | 20 | 4-19  |
| 65   | 190 | 175 | 20 | 4-19  |
| 80   | 200 | 185 | 21 | 8-19  |
| 100  | 230 | 210 | 22 | 8-19  |
| 125  | 265 | 250 | 22 | 8-23  |
| 150  | 277 | 280 | 23 | 8-23  |
| 200  | 340 | 330 | 26 | 12-23 |



**QJPLS** valves

美标铸铁球阀 ANSI Cast iron ball valve



主要零件及材料 Main parts and materials

| 零件名称 Part name | 材料 Material                 |
|----------------|-----------------------------|
| 阀体 Body        | 铸铁 Cast iron                |
| 球 Ball         | 304                         |
| 阀杆 Stem        | 不锈钢 Stainless Steel 416 304 |
| 阀座 Seat        | PTFE                        |

设计标准 Valve design

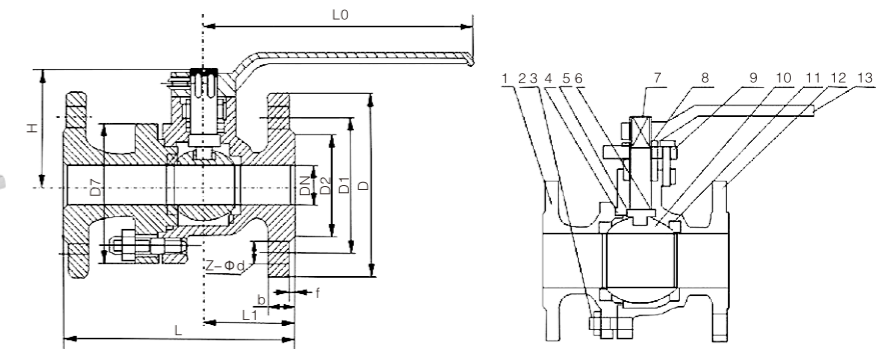
| 技术规范 Technical specification |             |
|------------------------------|-------------|
| 设计标准 Valve design            | MSS SP-72   |
| 结构长度 Face to Face            | ANSI B16.10 |
| 试验标准 Pressure test           | API598      |
| 连接法兰 Flange Drilling         | ANSI B16.1  |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| Size | L   | H   | D   | D1     |
|------|-----|-----|-----|--------|
| 50   | 178 | 144 | 152 | 120.65 |
| 65   | 190 | 163 | 178 | 139.7  |
| 80   | 203 | 187 | 190 | 152.5  |
| 100  | 229 | 205 | 229 | 190.5  |
| 125  | 254 |     | 254 | 219.5  |
| 150  | 267 |     | 279 | 241.3  |
| 200  | 292 |     | 343 | 298.45 |
| 250  | 330 |     | 406 | 361.95 |

**QJPLS** valves

日标铸钢球阀 10K JIS Cast steel ball valve 10K



主要零部件材料 Main part material

| No. | 零件名称 Accessory name | 材料 Material |       |       |
|-----|---------------------|-------------|-------|-------|
| 1   | 阀体 Body             | A216 WCB    | SCS13 | SCS13 |
| 7   | 阀杆 Stem             | A182-F304   | 304SS | 316SS |
| 9   | 压盖 Gland Bush       | A216-WCB    | SCS13 | SCS14 |
| 10  | 球体 Ball             | A182-F304   | 304SS | 316SS |
| 11  | 阀座 Seat             | PTFE        | PTFE  | PTFE  |
| 12  | 阀盖 Cover            | A216 WCB    | SCS13 | SCS13 |
| 13  | 手柄 Lever            | WCB         | WCB   | WCB   |

技术规范 Technical specification

|                      |                 |
|----------------------|-----------------|
| 设计标准 Valve design    | JIS B2071       |
| 结构长度 Face to Face    | JIS B2002       |
| 试验标准 Pressure test   | JIS B2003       |
| 连接法兰 Flange Drilling | JIS B1212 B2214 |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| Pressure | DN  | L   | D   | D1  | D2  | b  | f   | H   | L0    | Z-φd  |
|----------|-----|-----|-----|-----|-----|----|-----|-----|-------|-------|
| 10K      | 15  | 108 | 95  | 70  | 52  | 12 | 1   | 55  | 115   | 4-15  |
|          | 20  | 117 | 100 | 75  | 58  | 14 | 1   | 59  | 115   | 4-15  |
|          | 25  | 127 | 125 | 90  | 70  | 14 | 1   | 70  | 150   | 4-19  |
|          | 32  | 140 | 135 | 100 | 80  | 16 | 2   | 97  | 150   | 4-19  |
|          | 40  | 165 | 140 | 105 | 85  | 16 | 2   | 97  | 200   | 4-19  |
|          | 50  | 178 | 155 | 120 | 100 | 16 | 2   | 106 | 200   | 4-19  |
|          | 65  | 190 | 175 | 140 | 120 | 18 | 2   | 141 | 320   | 4-19  |
|          | 80  | 203 | 185 | 150 | 130 | 18 | 2   | 150 | 320   | 8-19  |
|          | 100 | 229 | 210 | 175 | 155 | 18 | 2   | 183 | 450   | 8-19  |
|          | 125 | 254 | 250 | 210 | 185 | 20 | 2   | 230 | 800   | 8-23  |
| 20K      | 150 | 267 | 280 | 240 | 215 | 22 | 2   | 250 | 800   | 8-23  |
|          | 200 | 292 | 330 | 290 | 265 | 22 | 2   | 356 | 940   | 12-23 |
|          | 250 | 330 | 400 | 355 | 325 | 24 | 2   | 453 | 940   | 12-25 |
|          | 15  | 140 | 95  | 70  | 52  | 14 | 1   | 55  | 115   | 4-15  |
|          | 20  | 152 | 100 | 75  | 58  | 16 | 1   | 59  | 115   | 4-15  |
|          | 25  | 165 | 125 | 90  | 70  | 16 | 1   | 70  | 150   | 4-19  |
|          | 32  | 178 | 135 | 100 | 80  | 18 | 2   | 97  | 150   | 4-19  |
|          | 40  | 190 | 140 | 105 | 85  | 18 | 2   | 97  | 200   | 4-19  |
|          | 50  | 216 | 155 | 120 | 100 | 18 | 2   | 106 | 200   | 8-19  |
|          | 65  | 241 | 175 | 140 | 120 | 20 | 2   | 141 | 320   | 8-19  |
| 80       | 283 | 200 | 160 | 135 | 22  | 2  | 150 | 320 | 8-23  |       |
| 100      | 305 | 225 | 185 | 160 | 24  | 2  | 183 | 450 | 8-23  |       |
| 125      | 381 | 270 | 225 | 195 | 26  | 2  | 230 | 800 | 8-25  |       |
| 150      | 403 | 305 | 260 | 230 | 28  | 2  | 250 | 800 | 12-25 |       |
| 200      | 419 | 350 | 305 | 275 | 30  | 2  | 356 | 940 | 12-25 |       |
| 250      | 457 | 430 | 380 | 345 | 34  | 2  | 453 | 940 | 12-27 |       |

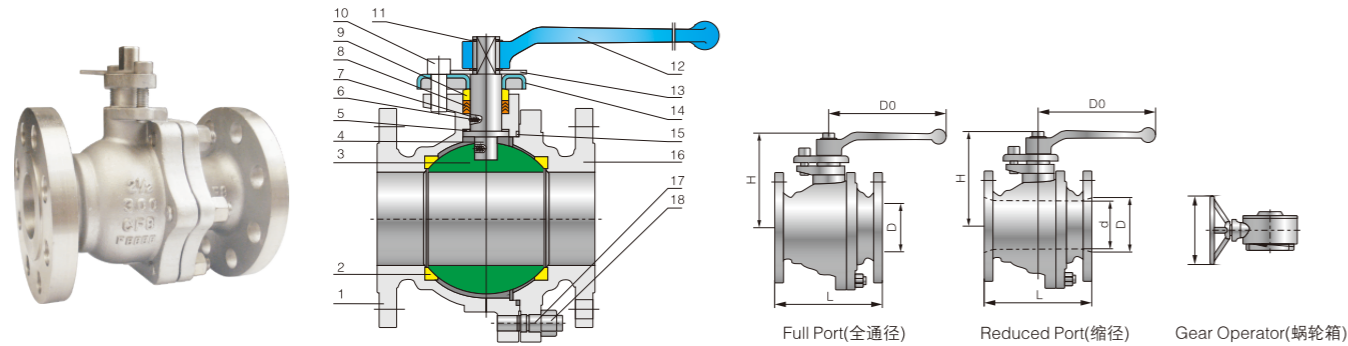


**JPLS** valves

美标铸钢/不锈钢球阀 ANSI Cast steel/stainless steel ball valves

**JPLS** valves

天津普洛斯阀门有限公司  
TIANJIN PULOS VALVE CO., LTD.



主要零件材质 Material List

| 序号No. | 部件 Parts        | 材质 Material      |
|-------|-----------------|------------------|
| 1     | 阀体 Body         | ASTM A216 Gr.WCB |
| 2     | 阀座密封圈 Seat Seal | PTFE             |
| 3     | 球体 Ball         | 304S.S.          |
| 4     | 阀杆 Stem         | ASTM A182 F6a    |
| 5     | 垫片 Gasket       | PTFE             |
| 8     | 填料 Packing      | PTFE             |
| 12    | 手柄 Lever        | ASTM A216 Gr.WCB |
| 16    | 阀盖 Bonnet       | ASTM A216 Gr.WCB |
| 17    | 螺栓 Stud         | ASTM A193 Gr.B7  |

设计标准 Valve design

| 技术规范 Technical specification |                            |
|------------------------------|----------------------------|
| 设计标准<br>Valve design         | API 608 / BS 5351 / API 6D |
| 结构长度<br>Face to Face         | ASME B16.10                |
| 法兰尺寸<br>Flanged End          | ASME B16.5                 |
| 阀体壁厚<br>Shell Wall Thickness | BS 5351                    |
| 测试标准<br>Valve Test           | API 598                    |

备注: 阀体材质有ASTM A216 WCB、A352 LCB、A217 WC1 WC6、WC9、C5、A351 CF8 CF8M、CF3、CF3M 本表仅以ASTM A216 WCB为例。

结构尺寸 Dimensions

Class 150

| Type               | NPS(in) | 1/2     | 3/4   | 1       | 1 1/2   | 2   | 3   | 4   | 6    | 8    |
|--------------------|---------|---------|-------|---------|---------|-----|-----|-----|------|------|
| 全通径<br>Full bore   | D(mm)   | 13      | 19    | 25      | 38      | 51  | 64  | 76  | 102  | 203  |
|                    | L(mm)   | 108     | 117   | 127     | 165     | 178 | 203 | 229 | 394  | 457  |
|                    | H(mm)   | 61      | 66    | 76      | 95      | 142 | 156 | 181 | 270  | 345  |
|                    | Do(mm)  | 130     | 130   | 160     | 230     | 400 | 400 | 700 | 300* | 300* |
| 缩径<br>Reduced bore | NPS(in) | 3/4*1/2 | 1*3/4 | 1 1/2*1 | 2*1 1/2 | 3*2 | 4*3 | 6*4 | 8*6  | 10*8 |
|                    | L(mm)   | 117     | 127   | 165     | 178     | 203 | 229 | 267 | 292  | 330  |
|                    | D(mm)   | 19      | 25    | 38      | 63      | 76  | 102 | 152 | 203  | 254  |
|                    | H(mm)   | 82      | 85    | 100     | 120     | 153 | 162 | 119 | 290  | 340  |
|                    | Do(mm)  | 130     | 130   | 160     | 230     | 400 | 400 | 460 | 300* | 300* |
|                    | d(mm)   | 13      | 19    | 25      | 51      | 63  | 76  | 105 | 152  | 203  |

Class 300

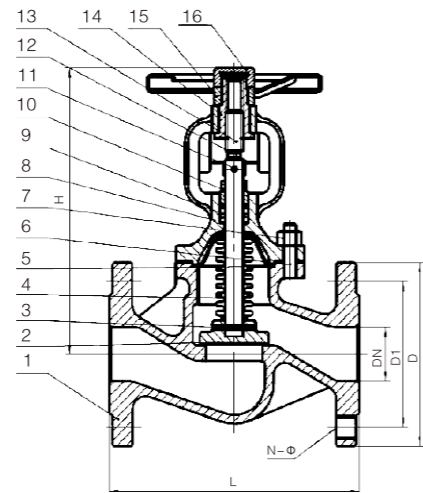
| Type               | NPS(in) | 1/2     | 3/4   | 1       | 1 1/2   | 2   | 3   | 4   | 6    | 8    |
|--------------------|---------|---------|-------|---------|---------|-----|-----|-----|------|------|
| 全通径<br>Full bore   | D(mm)   | 13      | 19    | 25      | 38      | 51  | 64  | 76  | 102  | 203  |
|                    | L(mm)   | 140     | 152   | 165     | 190     | 216 | 282 | 305 | 403  | 419  |
|                    | H(mm)   | 62      | 68    | 80      | 100     | 148 | 162 | 188 | 283  | 360  |
|                    | Do(mm)  | 150     | 150   | 180     | 250     | 400 | 400 | 700 | 300* | 400* |
| 缩径<br>Reduced bore | NPS(in) | 3/4*1/2 | 1*3/4 | 1 1/2*1 | 2*1 1/2 | 3*2 | 4*3 | 6*4 | 8*6  |      |
|                    | L(mm)   | 152     | 165   | 190     | 216     | 282 | 305 | 403 | 419  |      |
|                    | D(mm)   | 19      | 25    | 38      | 63      | 76  | 102 | 152 | 203  |      |
|                    | H(mm)   | 82      | 85    | 100     | 120     | 153 | 162 | 191 | 290  |      |
|                    | Do(mm)  | 130     | 130   | 160     | 230     | 400 | 400 | 460 | 300* |      |
|                    | d(mm)   | 13      | 19    | 25      | 50      | 63  | 76  | 102 | 152  |      |





**ØJPLS valves**

德标波纹管截止阀 DIN Cast steel bellows globe valves



波纹管截止阀是一种比较新型的截止阀，双重密封，性能可靠。密封面堆焊硬质合金，阀杆表面氮化处理，耐磨，防腐，抗摩擦性能良好，使用寿命长。用途：广泛应用于石油，化工，制药，化肥，电力行业等各种工况的管路上，切断或接通管路介质。

Bellows Seal Globe Valve is a new kind of globe valves with dual-seal. So its sealing capacity is very good. The sealing surface is bead welding with hard alloy and the stem surface is in "nitrogen treatment". Hence it is the valve of attrition-resistant, good anti-corrosion performance and long service life. Application: Petrochemical, Power Plant, Steel Mill, Plastic and Paper industries

主要零件及材料 Main parts and materials

| 零件名称 Part name | 材料 Material           |
|----------------|-----------------------|
| 1. 阀体 Body     | GG GS-C25 SS304 SS316 |
| 2. 阀瓣 Disc     | C.C+13Cr SS304 SS316  |
| 4. 波纹管 Bellows | SS304 SS316           |
| 6. 阀盖 Bonnet   | GG GS-C25 SS304 SS316 |
| 7. 填料 Packing  | Graphite, PTFE        |
| 10. 压盖 Gland   | 13Cr, 304, 316        |

设计标准 Valve design

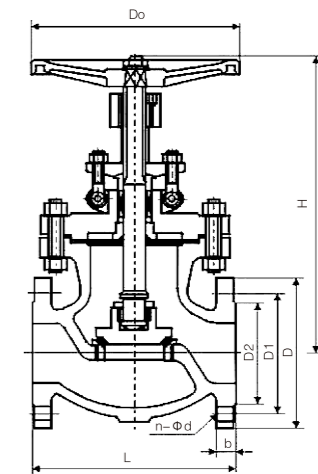
| 技术规范 Technical specification |                   |
|------------------------------|-------------------|
| 设计标准 Valve design            | DIN EN13709-2003  |
| 结构长度 Face to Face            | DIN EN588-1:1995  |
| 连接法兰 Flange Drilling         | DIN EN1092-1:2002 |
| 试验标准 Pressure test           | DIN EN12266:2003  |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| 公称直径<br>Nominal diameter<br>DN | PN16 |     |     |       |      | PN25 |     |     |       |      | PN40 |     |     |       |      |
|--------------------------------|------|-----|-----|-------|------|------|-----|-----|-------|------|------|-----|-----|-------|------|
|                                | L    | D   | D1  | N-Ø   | H    | L    | D   | D1  | N-Ø   | H    | L    | D   | D1  | n-Ø   | H    |
| 15                             | 130  | 95  | 65  | 4×14  | 190  | 130  | 95  | 65  | 4×14  | 190  | 130  | 95  | 65  | 4×14  | 190  |
| 20                             | 150  | 105 | 75  | 4×14  | 190  | 150  | 105 | 75  | 4×14  | 190  | 150  | 105 | 75  | 4×14  | 190  |
| 25                             | 160  | 115 | 85  | 4×14  | 195  | 160  | 115 | 85  | 4×14  | 195  | 160  | 115 | 85  | 4×14  | 195  |
| 32                             | 180  | 140 | 100 | 4×18  | 210  | 180  | 140 | 100 | 4×18  | 210  | 180  | 140 | 100 | 4×18  | 210  |
| 40                             | 200  | 150 | 110 | 4×18  | 220  | 200  | 150 | 110 | 4×18  | 220  | 200  | 150 | 110 | 4×18  | 220  |
| 50                             | 230  | 165 | 125 | 4×18  | 230  | 230  | 165 | 125 | 4×18  | 230  | 230  | 165 | 125 | 4×18  | 230  |
| 65                             | 290  | 185 | 145 | 8×18  | 255  | 290  | 185 | 145 | 8×18  | 255  | 290  | 185 | 145 | 8×18  | 255  |
| 80                             | 310  | 200 | 160 | 8×18  | 270  | 310  | 200 | 160 | 8×18  | 270  | 310  | 200 | 160 | 8×18  | 270  |
| 100                            | 350  | 220 | 180 | 8×18  | 360  | 350  | 235 | 190 | 8×22  | 360  | 350  | 235 | 190 | 8×22  | 360  |
| 125                            | 400  | 250 | 210 | 8×18  | 380  | 400  | 270 | 220 | 8×26  | 380  | 400  | 270 | 220 | 8×26  | 380  |
| 150                            | 480  | 285 | 240 | 8×22  | 415  | 480  | 300 | 250 | 8×26  | 415  | 480  | 300 | 250 | 8×26  | 415  |
| 200                            | 600  | 340 | 295 | 12×22 | 530  | 600  | 360 | 310 | 12×26 | 530  | 600  | 375 | 320 | 12×30 | 530  |
| 250                            | 730  | 405 | 355 | 12×26 | 665  | 730  | 425 | 370 | 12×30 | 665  | 730  | 450 | 385 | 12×33 | 665  |
| 300                            | 850  | 460 | 410 | 12×26 | 720  | 850  | 485 | 430 | 16×30 | 720  | 850  | 515 | 450 | 16×33 | 720  |
| 350                            | 980  | 520 | 470 | 16×26 | 1020 | 980  | 555 | 490 | 16×33 | 1020 | 980  | 580 | 510 | 16×36 | 1020 |
| 400                            | 1100 | 580 | 525 | 16×26 | 1180 | 1100 | 670 | 550 | 16×36 | 1180 | 1100 | 660 | 585 | 16×39 | 1180 |

**ØJPLS valves**

日标截止阀 JIS globe valves



主要零件及材料 Main parts and materials

| 零件名称 Part name | 材料 Material                     |
|----------------|---------------------------------|
| 阀体 Body        | JIS-SCS13                       |
| 阀板 Disc        | JIS-SCS13                       |
| 阀杆 Stem        | JIS-SUS304                      |
| 阀盖 Bonnet      | JIS-SCS13                       |
| 手轮 Handwheel   | 球墨铸铁QT400-15                    |
| 填料 Packing     | 聚四氟乙烯PTFE/柔性石墨Flexible graphite |
| 螺栓 Bolt        | A193-B8                         |

设计标准 Valve design

| 技术规范 Technical specification |                 |
|------------------------------|-----------------|
| 设计标准 Valve design            | JIS B2071       |
| 结构长度 Face to Face            | JIS B2002       |
| 连接法兰 Flange Drilling         | JIS B2212 B2214 |
| 试验标准 Pressure test           | JIS B2003       |

备注：阀体材质有WCB、SCS13、SCS13A、SCS14、SCS14A、SCS19、SCS19A、SCS16、SCS16A，本表仅以SCS13举例  
Body material WCB, SCS13, SCS13A, SCS14, SCS14A, SCS19, SCS19A, SCS16, SCS16A, this only USES the example of SCS13

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| Pressure | Size | L   | D   | D1  | D2  | b   | H     | D0    | n-Ød  |
|----------|------|-----|-----|-----|-----|-----|-------|-------|-------|
| 10K      | 15   | 108 | 92  | 70  | 52  | 12  | 165   | 100   | 4-15  |
|          | 20   | 117 | 100 | 75  | 58  | 14  | 171   | 100   | 4-15  |
|          | 25   | 127 | 125 | 90  | 70  | 14  | 185   | 100   | 4-19  |
|          | 40   | 165 | 140 | 105 | 85  | 16  | 214   | 138   | 4-19  |
|          | 50   | 203 | 155 | 120 | 100 | 16  | 235   | 160   | 4-19  |
|          | 65   | 216 | 175 | 140 | 120 | 18  | 336   | 200   | 4-19  |
|          | 80   | 241 | 185 | 150 | 130 | 18  | 357   | 224   | 8-19  |
|          | 100  | 292 | 210 | 175 | 155 | 18  | 421   | 280   | 8-19  |
|          | 125  | 356 | 250 | 210 | 185 | 20  | 491   | 300   | 8-23  |
|          | 150  | 406 | 280 | 240 | 215 | 22  | 556   | 350   | 8-23  |
| 20K      | 200  | 495 | 330 | 290 | 265 | 22  | 674   | 450   | 12-23 |
|          | 15   | 152 | 95  | 70  | 52  | 14  | 175.5 | 100   | 4-15  |
|          | 20   | 178 | 100 | 75  | 58  | 16  | 176.5 | 100   | 4-15  |
|          | 25   | 203 | 125 | 90  | 70  | 16  | 203   | 100   | 4-19  |
|          | 40   | 229 | 140 | 105 | 85  | 18  | 238   | 138   | 4-19  |
|          | 50   | 267 | 155 | 120 | 100 | 18  | 249   | 160   | 8-19  |
|          | 65   | 292 | 175 | 140 | 120 | 20  | 465   | 200   | 8-19  |
|          | 80   | 318 | 200 | 160 | 135 | 22  | 365   | 224   | 8-23  |
|          | 100  | 356 | 225 | 185 | 160 | 24  | 421   | 280   | 8-23  |
|          | 125  | 400 | 270 | 225 | 195 | 26  | 690   | 300   | 8-15  |
| 150      | 444  | 305 | 260 | 230 | 28  | 606 | 350   | 12-25 |       |
| 200      | 559  | 350 | 305 | 275 | 30  | 697 | 450   | 12-25 |       |



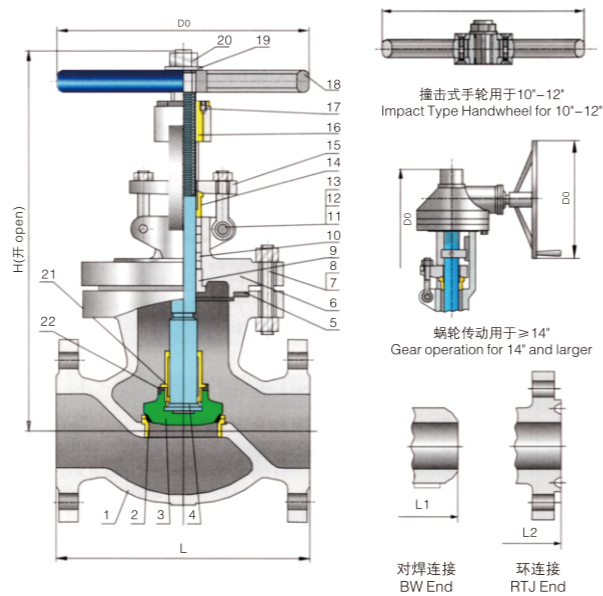
**ØJPLS valves**

美标截止阀 ANSI globe valves



**ØJPLS valves**

美标截止阀 ANSI globe valves



主要零件材质 Material List

| 序号 No. | 部件 Parts      | 材质 Material                              |
|--------|---------------|--|
| 1      | 阀体 Body       | ASTM A216 Gr.WCB                         |
| 2      | 阀座 Seat       | ASTM A105+13Cr                           |
| 3      | 阀瓣 Disc       | ASTM A105+13Cr                           |
| 4      | 阀杆 Stem       | ASTM A182 F6a                            |
| 5      | 垫片 Gasket     | 不锈钢与柔性石墨缠绕垫<br>304S.S. Jacketed Graphite |
| 6      | 阀盖 Bonnet     | ASTM A216 Gr.WCB                         |
| 10     | 填料 Packing    | 柔性石墨 Graphite                            |
| 16     | 阀杆螺母 Stem nut | 铜铝合金 Aluminum bronze                     |
| 18     | 手轮 Handwheel  | 可锻铸铁 Malleable Iron                      |

备注: 阀体材质有ASTM A216 WCB、A352 LCB、A217WC1 WC6、WC9、C5、A351 CF8 CF8M、CF3、CF3M 本表仅以ASTM A216 WCB为例。

设计标准 Valve design

| 技术规范 Technical specification      |                           |
|-----------------------------------|---------------------------|
| 设计及制造标准<br>Design and manufacture | API 600、BS 1873、MSS SP-70 |
| 结构长度<br>Face to Face              | ASME B16.10、ANSI B16.10   |
| 法兰尺寸<br>Flanged End               | ASME B16.5、ANSI B16.1     |
| 对焊端尺寸<br>B.W. End                 | ASME B16.25               |
| 阀体壁厚<br>Shell Wall Thickness      | API 600、BS 1873           |

结构尺寸 Dimensions (Class 150)

| 阀门尺寸<br>Valve size       | in.<br>mm | 1 1/2<br>40  | 2<br>50      | 2 1/2<br>65  | 3<br>80      | 4<br>100     | 5<br>125     | 6<br>150     | 8<br>200     | 10<br>250    | 12<br>300   | 14<br>350   | 16<br>400     |
|--------------------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|---------------|
| L-L1<br>突面-对焊<br>(RF-BW) | in.<br>mm | 6.5<br>165   | 8<br>203     | 8.5<br>216   | 9.5<br>241   | 11.5<br>292  | 14<br>356    | 16<br>406    | 19.5<br>495  | 24.5<br>622  | 27.5<br>698 | 31<br>787   | 36<br>914     |
| L2<br>环连接<br>(RTJ)       | in.<br>mm | 7.0<br>178   | 8.5<br>216   | 9<br>229     | 10<br>254    | 12<br>305    | 14.5<br>369  | 16.5<br>419  | 20<br>508    | 25<br>635    | 28<br>711   | 31.5<br>800 | 36.5<br>927   |
| H<br>开<br>(Open)         | in.<br>mm | 14.25<br>326 | 14.69<br>373 | 15.38<br>390 | 16.56<br>421 | 20.25<br>515 | 21.19<br>538 | 22.31<br>567 | 24.63<br>626 | 28<br>712    | 39<br>990   | 51<br>1295  | 63.75<br>1619 |
| Do                       | in.<br>mm | 7.88<br>200  | 7.88<br>200  | 9.88<br>250  | 9.88<br>250  | 11.81<br>300 | 11.81<br>300 | 13.75<br>350 | 15.75<br>400 | 17.75<br>450 | 20<br>500   | 24<br>610   | 24<br>610     |

结构尺寸 Dimensions (Class 300)

| 阀门尺寸<br>Valve Size       | in.<br>mm | 1 1/2<br>40  | 2<br>50      | 2 1/2<br>65  | 3<br>80      | 4<br>100     | 5<br>125     | 6<br>150     | 8<br>200     | 10<br>250    | 12<br>300     | 14<br>350     | 16<br>400    |
|--------------------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|--------------|
| L-L1<br>突面-对焊<br>(RF-BW) | in.<br>mm | 9<br>229     | 10.5<br>267  | 11.5<br>292  | 12.5<br>318  | 14<br>356    | 15.75<br>400 | 17.5<br>444  | 22<br>559    | 24.5<br>622  | 28<br>711     | 33<br>838     | 34<br>864    |
| L2<br>环连接<br>(RTJ)       | in.<br>mm | 9.5<br>242   | 11.12<br>283 | 12.12<br>308 | 13.12<br>334 | 14.62<br>372 | 16.37<br>416 | 18.12<br>460 | 22.62<br>575 | 25.12<br>638 | 28.62<br>727  | 33.62<br>854  | 34.62<br>880 |
| H<br>开<br>(Open)         | in.<br>mm | 14.17<br>360 | 15.69<br>398 | 17.13<br>436 | 18.19<br>462 | 22.06<br>560 | 24.38<br>620 | 27.31<br>694 | 38.63<br>982 | 44.5<br>1130 | 41.31<br>1049 | 61.25<br>1556 | 67<br>1700   |
| Do                       | in.<br>mm | 7.88<br>200  | 7.88<br>200  | 9.88<br>250  | 9.88<br>250  | 13.75<br>350 | 15.75<br>400 | 17.75<br>450 | 22.06<br>560 | 34<br>860    | 24<br>610     | 24<br>610     | 24<br>610    |

结构尺寸 Dimensions (Class 600)

| 阀门尺寸<br>Valve Size       | in.<br>mm | 2<br>50      | 2 1/2<br>65  | 3<br>80      | 4<br>100     | 6<br>150     | 8<br>200     | 10<br>250    | 12<br>300     | 14<br>350     | 16<br>400    |
|--------------------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|--------------|
| L-L1<br>突面-对焊<br>(RF-BW) | in.<br>mm | 11.5<br>292  | 13<br>330    | 14<br>356    | 17<br>432    | 22<br>559    | 26<br>660    | 31<br>787    | 33<br>838     | 35<br>889     | 39<br>991    |
| L2<br>环连接<br>(RTJ)       | in.<br>mm | 11.62<br>295 | 13.12<br>332 | 14.12<br>359 | 17.12<br>435 | 22.12<br>562 | 26.12<br>663 | 31.12<br>790 | 33.12<br>841  | 35.12<br>892  | 39.12<br>994 |
| H<br>开<br>(Open)         | in.<br>mm | 16.75<br>425 | 19.75<br>502 | 20.5<br>521  | 24.38<br>620 | 34.88<br>886 | 36.69<br>932 | 41<br>1040   | 50.38<br>1280 | 70.88<br>1800 | 76<br>1930   |
| Do                       | in.<br>mm | 9.88<br>250  | 11.81<br>300 | 13.75<br>350 | 17.75<br>450 | 28.38<br>720 | 18.13<br>460 | 24<br>610    | 30<br>760     | 30<br>760     | 30<br>760    |

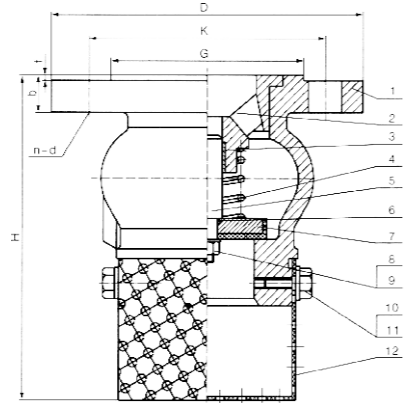
结构尺寸 Dimensions (Class 900/1500/2500)

| MPa        | 阀门尺寸<br>Valve Size       | in.<br>mm | 2<br>50      | 2 1/2<br>65  | 3<br>80      | 4<br>100      | 6<br>150     | 8<br>200      | 10<br>250    |
|------------|--------------------------|-----------|--------------|--------------|--------------|---------------|--------------|---------------|--------------|
| Class 900  | L-L1<br>突面-对焊<br>(RF-BW) | in.<br>mm | 14.5<br>368  | 16.5<br>419  | 15<br>381    | 18<br>457     | 24<br>610    | 29<br>737     | 33<br>838    |
|            | L2<br>环连接<br>(RTJ)       | in.<br>mm | 14.62<br>371 | 16.62<br>422 | 15.12<br>384 | 18.12<br>460  | 24.12<br>613 | 29.12<br>740  | 33.12<br>841 |
|            | H<br>开<br>(Open)         | in.<br>mm | 9.44<br>240  | 10.25<br>260 | 10.25<br>260 | 12.63<br>320  | 15<br>382    | 20.88<br>530  | 27.17<br>690 |
|            | Do                       | in.<br>mm | 13.75<br>350 | 15.75<br>400 | 17.75<br>450 | 22.06<br>560  | 24<br>610    | 24<br>610     | 24<br>610    |
| Class 1500 | L-L1<br>突面-对焊<br>(RF-BW) | in.<br>mm | 14.5<br>368  | 16.5<br>419  | 18.5<br>470  | 21.5<br>546   | 27.75<br>705 | 32.75<br>832  |              |
|            | L2<br>环连接<br>(RTJ)       | in.<br>mm | 14.62<br>371 | 16.62<br>422 | 18.62<br>473 | 21.62<br>549  | 28<br>711    | 33.13<br>842  |              |
|            | H<br>开<br>(Open)         | in.<br>mm | 23.31<br>592 | 26<br>660    | 27.25<br>692 | 35.69<br>907  | 40<br>1015   | 45.06<br>1145 |              |
|            | Do                       | in.<br>mm | 13.75<br>350 | 15.75<br>400 | 17.75<br>450 | 22.06<br>560  | 24<br>610    | 24<br>610     |              |
| Class 2500 | L-L1<br>突面-对焊<br>(RF-BW) | in.<br>mm | 17.75<br>451 | 20<br>508    | 22.75<br>578 | 26.5<br>673   | 36<br>914    |               |              |
|            | L2<br>环连接<br>(RTJ)       | in.<br>mm | 17.87<br>454 | 20.25<br>514 | 23<br>584    | 26.88<br>683  | 36.5<br>927  |               |              |
|            | H<br>开<br>(Open)         | in.<br>mm | 27.25<br>692 | 29.5<br>750  | 31.5<br>800  | 47.25<br>1200 | 75<br>1905   |               |              |
|            | Do                       | in.<br>mm | 15.75<br>400 | 19.69<br>500 | 24<br>610    | 30<br>760     | 30<br>750    |               |              |



ΦJPLS valves

底阀 Foot Valve



主要零件材质 Material Specifications

| 序号 No. | 部件 Parts          | 材料 Material             |
|--------|-------------------|-------------------------|
| 1      | 阀体 Body           | 球墨铸铁 DI、灰铁体 CI          |
| 2      | 阀盖 Bonnet         | 球墨铸铁 DI、灰铁体 CI          |
| 3      | 衬套 Bushing        | 黄铜 Brass                |
| 4      | 弹簧 Spring         | 65Mn                    |
| 5      | 引导阀杆 Guiding stem | 不锈钢 Stainless steel     |
| 6      | O型圈 "O" ring      | 丁腈橡胶 NBR                |
| 7      | 阀瓣 Disc           | 球墨铸铁/丁腈橡胶 DI/NBR/灰铁体 CI |
| 8      | 螺母 Nut            | 碳钢 Carbonsteel          |

设计标准 Valve design

| 技术规范 Technical specification |                     |
|------------------------------|---------------------|
| 结构长度<br>Face to Face         | ISO                 |
| 连接法兰<br>Flange Drilling      | DIN/BS/JIS/ANSI     |
| 压力<br>Pressure               | PN10/PN16/10K/150LB |

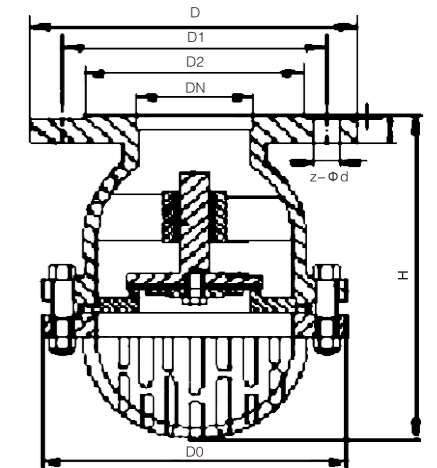
主要外形及连接尺寸 Main external and connecting dimensions(mm)

| DN  | H   | L   | K    |      | G    |      | f | B    |      | n-d   |       |
|-----|-----|-----|------|------|------|------|---|------|------|-------|-------|
|     |     |     | PN10 | PN16 | PN10 | PN16 |   | PN10 | PN16 | PN10  | PN16  |
| 40  | 143 | 150 | 110  |      | 84   |      | 3 | 18   | 18   | 4-19  | 4-19  |
| 50  | 165 | 165 | 125  |      | 99   |      | 3 | 20   | 20   | 4-19  | 4-19  |
| 65  | 201 | 185 | 145  |      | 118  |      | 3 | 20   | 20   | 4-19  | 4-19  |
| 80  | 221 | 200 | 160  |      | 132  |      | 3 | 22   | 22   | 8-19  | 8-19  |
| 100 | 265 | 220 | 180  |      | 156  |      | 3 | 24   | 24   | 8-19  | 8-19  |
| 125 | 300 | 250 | 210  |      | 184  |      | 3 | 26   | 26   | 8-19  | 8-19  |
| 150 | 360 | 285 | 240  |      | 211  |      | 3 | 26   | 26   | 8-23  | 8-23  |
| 200 | 470 | 340 | 295  |      | 266  |      | 3 | 26   | 30   | 8-23  | 12-23 |
| 250 | 568 | 405 | 350  | 355  | 319  |      | 3 | 28   | 32   | 12-23 | 12-28 |
| 300 | 658 | 460 | 400  | 410  | 370  | 370  | 4 | 28   |      | 12-23 | 12-28 |

ΦJPLS valves

底阀 Foot Valve

VSSJAF型双法兰传力接头 Double flanged joint force



主要零件材质 Material Specifications

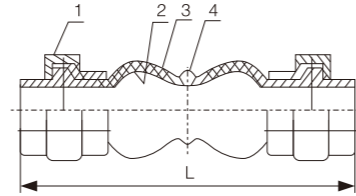
| 零件名称 Part name   | 材料 Material |
|------------------|-------------|
| 阀体 Body          | 灰铁体 CI      |
| 阀瓣 Disc          | 灰铁体 CI      |
| 密封圈 Sealing ring | 氟橡胶 VITON   |
| 阀盖 Bonnet        | 灰铁体 CI      |

设计标准 Valve design

| 技术规范 Technical specification |             |
|------------------------------|-------------|
| 压力<br>Pressure               | PN2.5, PN10 |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| 型号 Type  | Size | D   | D1  | D2  | b-f  | z-φd  | D0  | h0  | H     |
|----------|------|-----|-----|-----|------|-------|-----|-----|-------|
| H42X-2.5 | 50   | 140 | 110 | 90  | 16-3 | 4-14  | 132 | 17  | 140   |
|          | 65   | 160 | 130 | 110 | 16-3 | 4-14  | 167 | 25  | 177.5 |
|          | 80   | 185 | 150 | 125 | 18-3 | 4-18  | 196 | 32  | 200.5 |
|          | 100  | 205 | 170 | 145 | 18-3 | 4-18  | 243 | 40  | 226.5 |
|          | 125  | 235 | 200 | 170 | 20-3 | 8-18  | 274 | 43  | 263.5 |
|          | 150  | 260 | 225 | 200 | 20-3 | 8-18  | 311 | 58  | 280.5 |
|          | 200  | 315 | 280 | 255 | 22-3 | 8-18  | 402 | 65  | 380   |
|          | 250  | 370 | 335 | 310 | 24-3 | 12-18 | 458 | 84  | 500   |
|          | 300  | 435 | 395 | 362 | 24-4 | 12-23 | 515 | 90  | 540   |
|          | 350  | 485 | 445 | 412 | 26-4 | 12-23 | 600 | 130 | 600   |



1、活接头 Union  
2、内外胶层 Outer/inner rubber  
3、骨架层 Skeleton layer  
4、钢丝圈 Wire ring

主要零件材质 Material Specifications

| 序号 No. | 部件 Parts                  | 材料 Material   |
|--------|---------------------------|---|
| 1      | 筒体 Body                   | 天然橡胶 NR、氯丁橡胶 CR、丁基橡胶 IIR、丁腈橡胶 NBR、氟橡胶 FKM、三元乙丙橡胶 EPDM   |
| 2      | 内、外衬 Inner & Outer Rubber | 天然橡胶 NR、氯丁橡胶 CR、丁基橡胶 IIR、丁腈橡胶 NBR、氟橡胶 FKM、三元乙丙橡胶 EPDM、聚四氟乙烯 PTFE  |
| 3      | 主体骨架 Body Carcass         | 尼龙窗布 Nylon cord fabric  |
| 4      | 增压环 Reinforcing Ring      | 多股镀锌钢丝 Multi-strand coppering steel wire  |
| 5      | 螺纹活接头 Threaded union      | 铸造、锻造碳钢 Cast and forged carbon steel (Q235)<br>不锈钢 Stainless steel (201、304、316、321)<br>塑料 Plastic (CPVC、PVDF、PPH、UPVC、RPP) |

技术条件 Technical Parameters

| 项目 Item   | 型号 Model | KST-L-10   |
|---|----------|--|
| 工作压力 MPa(kgf/cm <sup>2</sup> ) Working pressure   |          | 1.0(10) 1.6(16)  |
| 爆破压力 MPa(kgf/cm <sup>2</sup> ) Expulsion pressure |          | 2.0(20) 3.0(30)  |
| 真空度 KPa(mm/Hg) Vacuum                             |          | 53.3(400) 86.7(650)  |
| 适用温度 °C Applicable Temperature                    |          | -20°C~+115°C (特殊可达 -30°C~+250°C)<br>-20°C~+115°C(-30°C~+250°C under special conditions)                  |
| 适用介质 Applicable Media                             |          | 空气、压缩空气、水、海水、热水、油、酸、碱等<br>Air, compressed air, water, sea water, hot water, oil, acid, alkali, and so on |

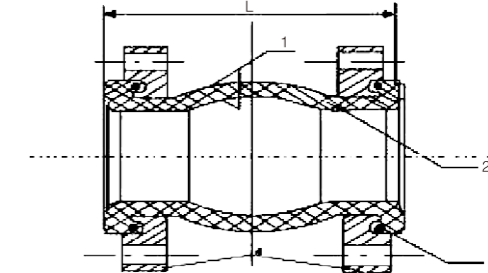
主要数据 Main data

| 公称口径 DN<br>Nominal Diameter |         | 长度<br>Length(mm) |     | 轴向位移<br>Axial displacement mm |                   | 横向位移<br>Horizontal displacement (mm) | 偏转角度<br>Angular deflection (a1+a2) |
|-----------------------------|---------|------------------|-----|-------------------------------|-------------------|--------------------------------------|------------------------------------|
| 毫米 mm                       | 英寸 inch | A型               | B型  | 伸长<br>Extension               | 压缩<br>Compression |                                      |                                    |
| 15                          | 0.5     | 180              | 200 | 5                             | 10                | 20                                   | 45                                 |
| 20                          | 0.75    | 200              | 200 | 5                             | 10                | 20                                   | 45                                 |
| 25                          | 1       | 210              | 200 | 5                             | 10                | 20                                   | 45                                 |
| 32                          | 1.25    | 210              | 200 | 5                             | 10                | 20                                   | 45                                 |
| 40                          | 1.5     | 220              | 200 | 5                             | 10                | 20                                   | 45                                 |
| 50                          | 2       | 220              | 200 | 5                             | 10                | 20                                   | 45                                 |
| 65                          | 2.5     | 240              | 240 | 5                             | 10                | 20                                   | 45                                 |
| 80                          | 3       | 285              | 285 | 5                             | 10                | 20                                   | 45                                 |

注：特殊要求可按用户图纸制作，螺纹活接头标准采用(ISO、ASME、BS、JIS等)螺纹标准生产。橡胶球体可做天然橡胶、三元乙丙橡胶、氯丁橡胶、丁基橡胶、丁腈橡胶、氟橡胶等。

Note: For OEM orders with special requirement, threaded unions should be made according to customers' drawings. Thread standard can be ISO, ASME, BS JIS, etc. Material of rubber body can be NR natural rubber, EPDM, Neoprene, IIR butyl rubber, NBR Buna-N, FKM, etc.

KXT-A型可曲挠橡胶接头  
KXT-A Flexible Rubber Joint



技术条件 Technical Parameters

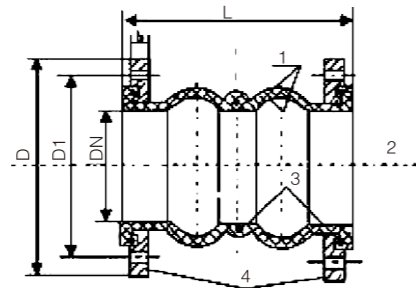
| 项目 Item   | 型号 Model | KXT-A1   | KXT-A2    | KXT-A3   |
|---|----------|--|-----------|----------|
| 工作压力 MPa(kgf/cm <sup>2</sup> ) Working pressure   |          | 1.0(10)  | 1.6(16)   | 2.5(25)  |
| 爆破压力 MPa(kgf/cm <sup>2</sup> ) Expulsion pressure |          | 2.0(20)  | 3.0(30)   | 4.5(45)  |
| 真空度 KPa(mm/Hg) Vacuum                             |          | 53.3(400)  | 86.7(650) | 100(750) |
| 适用温度 °C Applicable Temperature                    |          | -15°C~+115°C 特殊可达 -30°C~+250°C<br>-15°C~+115°C(-30°C~+250°C under special conditions)                    |           |          |
| 适用介质 Applicable Media                             |          | 空气、压缩空气、水、海水、热水、油、酸、碱等<br>Air, compressed air, water, sea water, hot water, oil, acid, alkali, and so on |           |          |

主要数据 Main data

| 公称口径 DN<br>Nominal Diameter |         | 长度<br>Length(mm) | 轴向位移<br>Axial displacement mm |                   | 横向位移<br>Horizontal displacement (mm) | 偏转角度<br>Angular deflection (a1+a2) |
|-----------------------------|---------|------------------|-------------------------------|-------------------|--------------------------------------|------------------------------------|
| 毫米 mm                       | 英寸 inch |                  | 伸长<br>Extension               | 压缩<br>Compression |                                      |                                    |
| 32                          | 1.25    | 95               | 6                             | 9                 | 9                                    | 15                                 |
| 40                          | 1.5     | 95               | 6                             | 10                | 9                                    | 15                                 |
| 50                          | 2       | 105              | 7                             | 10                | 10                                   | 15                                 |
| 65                          | 2.5     | 115              | 7                             | 13                | 11                                   | 15                                 |
| 80                          | 3       | 135              | 8                             | 15                | 12                                   | 15                                 |
| 100                         | 4       | 150              | 10                            | 19                | 13                                   | 15                                 |
| 125                         | 5       | 165              | 12                            | 19                | 13                                   | 15                                 |
| 150                         | 6       | 180              | 12                            | 20                | 14                                   | 15                                 |
| 200                         | 8       | 210              | 16                            | 25                | 22                                   | 15                                 |
| 250                         | 10      | 230              | 16                            | 25                | 22                                   | 15                                 |
| 300                         | 12      | 245              | 16                            | 25                | 22                                   | 15                                 |
| 350                         | 14      | 255              | 16                            | 25                | 22                                   | 15                                 |
| 400                         | 16      | 255              | 16                            | 25                | 22                                   | 15                                 |
| 450                         | 18      | 255              | 16                            | 25                | 22                                   | 15                                 |
| 500                         | 20      | 255              | 6                             | 25                | 22                                   | 15                                 |
| 600                         | 24      | 260              | 6                             | 25                | 22                                   | 15                                 |
| 700                         | 28      | 260              | 16                            | 25                | 22                                   | 15                                 |
| 800                         | 32      | 260              | 16                            | 25                | 22                                   | 15                                 |
| 900                         | 36      | 260              | 6                             | 25                | 22                                   | 15                                 |
| 1000                        | 40      | 260              | 18                            | 26                | 24                                   | 15                                 |
| 1200                        | 48      | 260              | 18                            | 26                | 24                                   | 15                                 |
| 1400                        | 56      | 350              | 20                            | 28                | 26                                   | 15                                 |
| 1600                        | 64      | 350              | 25                            | 35                | 30                                   | 10                                 |

**双球橡胶接头 Double ball rubber joint**

KXT-S型可曲挠双球体橡胶接头  
KXT-S Flexible Dual-Spherical Rubber Joint



技术条件 Technical Parameters

| 项目 Item   | 型号 Model | KXT-S1   | KXT-S2    | KXT-S3   |
|---|----------|--|-----------|----------|
| 工作压力 MPa(kgf/cm <sup>2</sup> ) Working pressure   |          | 1.0(10)  | 1.6(16)   | 2.5(25)  |
| 爆破压力 MPa(kgf/cm <sup>2</sup> ) Explosion pressure |          | 2.0(20)  | 3.0(30)   | 4.5(45)  |
| 真空度 KPa(mm/Hg) Vacuum                             |          | 53.3(400)  | 86.7(650) | 100(750) |
| 适用温度 °C Applicable Temperature                    |          | -15°C~+115°C特殊可达-30°C~+250°C<br>-15°C~+115°C(-30°C~+250°C under special conditions)                      |           |          |
| 适用介质 Applicable Media                             |          | 空气、压缩空气、水、海水、热水、油、酸、碱等<br>Air, compressed air, water, sea water, hot water, oil, acid, alkali, and so on |           |          |

主要数据 Main data

| 公称通径 DN<br>Nominal Diameter | 长度 L<br>(mm) | 法兰厚度<br>Flange thickness<br>(mm) | 螺栓数<br>Bolts<br>Qty<br>n | 螺栓孔直径 D<br>Diameter of<br>Bolt hole<br>(mm) | 螺栓孔<br>中心圆直径<br>D1<br>(mm) | 轴向位移<br>Axial displacement (mm) |                   | 横向位移<br>Horizontal<br>displacement<br>(mm) | 偏转角度<br>Angular<br>deflection<br>(a1+a2) |
|-----------------------------|--------------|----------------------------------|--------------------------|---|----------------------------|---------------------------------|-------------------|--|--|
|                             |              |                                  |                          |   |                            | 伸长<br>Extension                 | 压缩<br>Compression |  |  |
| 40                          | 1.5          | 150                              | 4                        | 18  | 110                        | 10                              | 20                | 20   | 30                                       |
| 50                          | 2            | 150                              | 4                        | 18  | 125                        | 10                              | 20                | 20   | 30                                       |
| 65                          | 2.5          | 150                              | 4                        | 18  | 145                        | 10                              | 20                | 20   | 30                                       |
| 80                          | 3            | 150                              | 8                        | 18  | 160                        | 10                              | 20                | 20   | 30                                       |
| 100                         | 4            | 200                              | 8                        | 18  | 180                        | 15                              | 30                | 25   | 30                                       |
| 125                         | 5            | 200                              | 8                        | 23  | 210                        | 15                              | 3.0               | 25   | 30                                       |
| 150                         | 6            | 200                              | 8                        | 23  | 240                        | 15                              | 30                | 25   | 30                                       |
| 200                         | 8            | 220                              | 8                        | 23  | 295                        | 20                              | 40                | 30   | 30                                       |
| 250                         | 10           | 220                              | 12                       | 23  | 350                        | 20                              | 40                | 30   | 30                                       |
| 300                         | 12           | 320                              | 12                       | 23  | 400                        | 20                              | 40                | 30   | 30                                       |
| 350                         | 14           | 320                              | 16                       | 23  | 460                        | 20                              | 40                | 30   | 30                                       |
| 400                         | 16           | 320                              | 16                       | 25  | 515                        | 20                              | 40                | 30   | 30                                       |
| 450                         | 18           | 320                              | 20                       | 25  | 565                        | 25                              | 45                | 30   | 30                                       |
| 500                         | 20           | 320                              | 20                       | 25  | 620                        | 25                              | 45                | 30   | 30                                       |
| 600                         | 24           | 320                              | 20                       | 30  | 725                        | 25                              | 45                | 30   | 30                                       |

注:

- 特殊要求可按用户图纸制作, 法兰标准采用GB/T9115.1-2000, 球体可做丁腈橡胶, 三元乙丙, 氯丁橡胶等材质。
- 悬空给水使用DN200以上产品, 管道必须有固定支撑或固定托架, 否则产品应安装防拉脱装置。
- 用户使用橡胶接头, 对应法兰应是阀门法兰或符合GB/T9115.1(RF)法兰。

Notes:

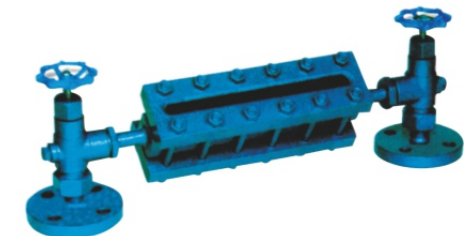
- For special order, products can be made according to customer's requirements, flange standard is based on GB/T9115.1-2000, the materials of spheres are Buna, EPDM, chloroprene rubber and so on.
- The product with DN > 200mm is available for water supplying overhead. The pipe must be equipped with fixed support or fixed bracket, if not, the product shall be installed with escapement.
- When using Rubber Joints, the matching flanges should be valve flanges or GB/T9115.1(RF) FLANGES.

**液位计 Level gauge**



| 型号 Type                 | 快装式液位计 Quick mount level gauge                                       |
|-------------------------|--|
| 名称 Name                 | 玻璃管液位计 Glass tube level gauge  |
| 公称压力 Nominal pressure   | 1.6(MPa)   |
| 公称通径 Nominal diameter   | 20(mm)   |
| 公称长度 Nominal length     | 500~2000(mm)   |
| 介质温度 Medium temperature | ≤ 200°C  |
| 主要材质 Main material      | Q235-A碳钢 1Cr18Ni9不锈钢<br>Q235-A Carbon steel 1Cr18Ni9 Stainless steel |

| 型号 Type                 | X49W-16P系列 X49W-16P series   |
|-------------------------|--|
| 名称 Name                 | 玻璃管液位计 Glass tube level gauge  |
| 公称压力 Nominal pressure   | 1.6(MPa)   |
| 公称通径 Nominal diameter   | 20(mm)   |
| 公称长度 Nominal length     | 500~2000(mm)   |
| 介质温度 Medium temperature | ≤ 150°C  |
| 主要材质 Main material      | Q235-A碳钢 1Cr18Ni9不锈钢<br>Q235-A Carbon steel 1Cr18Ni9 Stainless steel |



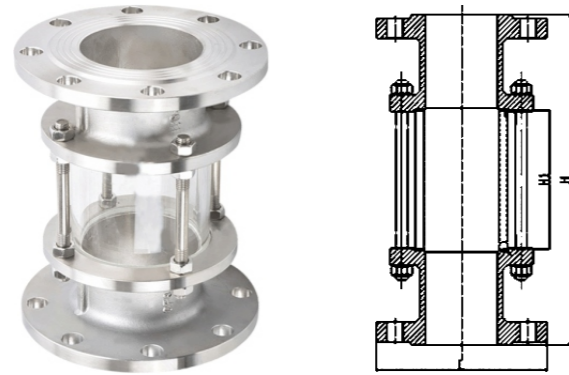
| 型号 Type                 | HG5-227-80系列 HG5-227-80 series                                       |
|-------------------------|--|
| 名称 Name                 | 玻璃管液位计 Glass tube level gauge  |
| 公称压力 Nominal pressure   | 1.6(MPa)   |
| 公称通径 Nominal diameter   | 20(mm)   |
| 公称长度 Nominal length     | 500~2000(mm)   |
| 介质温度 Medium temperature | ≤ 150°C  |
| 主要材质 Main material      | Q235-A碳钢 1Cr18Ni9不锈钢<br>Q235-A Carbon steel 1Cr18Ni9 Stainless steel |

| 型号 Type                 | HG5-1365-80系列 HG5-1365-80 series                                     |
|-------------------------|--|
| 名称 Name                 | 透光式玻璃板液位计<br>Transparent glass plate level gauge                     |
| 公称压力 Nominal pressure   | 6.3(MPa)   |
| 公称通径 Nominal diameter   | 20(mm)   |
| 公称长度 Nominal length     | 500~1750(mm)   |
| 介质温度 Medium temperature | ≤ 0~250°C  |
| 主要材质 Main material      | Q235-A碳钢 1Cr18Ni9不锈钢<br>Q235-A Carbon steel 1Cr18Ni9 Stainless steel |



| 型号 Type                 | 80系列 80 series   |
|-------------------------|--|
| 名称 Name                 | 玻璃板液位计 Glass plate level gauge                                       |
| 公称压力 Nominal pressure   | 0.6(MPa)   |
| 公称通径 Nominal diameter   | 18 × 304(mm)   |
| 公称长度 Nominal length     | 80 × 366(mm)   |
| 介质温度 Medium temperature | ≤ 250°C  |
| 连接方式 Connection mode    | 焊接 Welding   |
| 主要材质 Main material      | Q235-A碳钢 1Cr18Ni9不锈钢<br>Q235-A Carbon steel 1Cr18Ni9 Stainless steel |

| 型号 Type                 | HG5-1370-80系列 HG5-1370-80 series                                     |
|-------------------------|--|
| 名称 Name                 | 玻璃板液位计 Glass plate level gauge                                       |
| 公称压力 Nominal pressure   | 0.6(MPa)   |
| 公称通径 Nominal diameter   | 18 × 304(mm)   |
| 公称长度 Nominal length     | 80 × 366(mm)   |
| 介质温度 Medium temperature | ≤ 250°C  |
| 连接方式 Connection mode    | 焊接 Welding   |
| 主要材质 Main material      | Q235-A碳钢 1Cr18Ni9不锈钢<br>Q235-A Carbon steel 1Cr18Ni9 Stainless steel |



概述 Overview

视镜也称玻璃管视镜，是一个使用非常广泛的俗称，视镜是工业管道装置上主要附件之一，在石油、化工、医药、食品等工业生产装置的管道中，视镜能随时观察管道中的液体、气体、蒸气等介质的流动及反应情况，起到监视生产、避免生产过程中事故发生的作用。

Cup also calls the glass lens, is a very widely used commonly known as, depending on the cup is one of the industrial pipeline device mainly accessories, in petroleum, chemical, pharmaceutical, food and other industrial pipe production equipment, depending on the cup of the pipeline can be observed at any time the flow of the liquid, gas, steam medium and reaction conditions, monitoring production, avoid accidents during production.

主要零件材质 Material Specifications

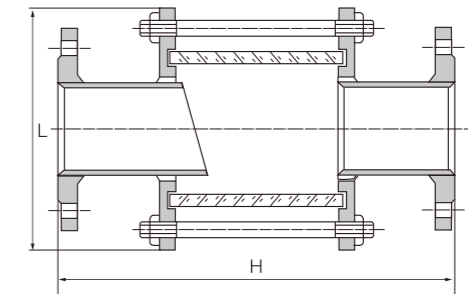
|   |   |                   |
|---|---|-------------------|
| 壳体材质 Shell material                     | 碳钢、不锈钢、玻璃钢、衬氟碳钢 Carbon steel, stainless steel, fiberglass, fluorocarbon steel |                   |
| 视窗材质 Windows material                   | 钢化硼硅玻璃 Toughened borosilicate glass   | 石英玻璃 Quartz glass |
| 工作温度 Working temperature(°C)            | 0-250   | 0-800             |
| 公称压力 Nominal pressure (Mpa)             | < 0.25  | 0.6-1.6           |
| 密封件材质 Sealing material                  | 丁腈橡胶、聚四氟乙烯 Nitrile rubber, polytetrafluoroethylene                            |                   |
| 连接形式 connection type                    | 螺纹连接、法兰连接 Threaded connection, flange connection                              |                   |
| 允许急变温度 Allowable temperature change(°C) | < 60  |                   |

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| 型号 type   | Size DN | PN0.25MPa               |     |                 |              | PN0.6MPa  |         |                         |     |                 |              |
|-----------|---------|-------------------------|-----|-----------------|--------------|-----------|---------|-------------------------|-----|-----------------|--------------|
|           |         | 外形尺寸 Overall dimensions |     | 玻璃板 Glass plate |              | 型号 type   | Size DN | 外形尺寸 Overall dimensions |     | 玻璃板 Glass plate |              |
|           |         | H                       | L   | 直径 Diameter     | 厚度 Thickness |           |         | H                       | L   | 直径 Diameter     | 厚度 Thickness |
| HGS07-126 | 25      | 36                      | 140 | 62              | 6            | HGS07-127 | 25      | 360                     | 165 | 93              | 10           |
|           | 32      | 36                      | 170 | 90              | 7            |           | 32      | 360                     | 175 | 98              | 10           |
|           | 40      | 36                      | 170 | 90              | 7            |           | 40      | 360                     | 178 | 105             | 12           |
|           | 50      | 36                      | 170 | 90              | 7            |           | 50      | 360                     | 190 | 118             | 12           |
|           | 65      | 36                      | 195 | 116             | 8            |           | 65      | 360                     | 195 | 123             | 15           |
|           | 80      | 36                      | 230 | 144             | 9            |           | 80      | 360                     | 220 | 129             | 15           |
|           | 100     | 36                      | 230 | 144             | 9            |           | 100     | 360                     | 135 | 155             | 15           |



HGS07-101  
HGS07-102  
钢制直通视镜  
Steel straight through mirror



概述 Overview

直通视镜：用于排液或受槽前的回流，冷却水等液体管路上以观察液体流动情况。

Through view mirror: it is used to drain or receive the liquid before the tank reflux, cooling water and other liquid pipeline to observe the liquid flow situation.

阀体材料 Body material

有碳钢、不锈钢、衬胶、衬氟及304、316等多种。公称压力范围：有2.5、6kg/cm两种。

工作温度：金属的在200°C以下，塑料的在80°C以下，允许急变温度80°C，公称直径：15-150cm。

Carbon steel, stainless steel, lining rubber, lining fluorine and 304, 316, etc. Nominal pressure range: 2.5, 6kg/cm two types.

Working temperature: below 200°C for metal, below 80°C for plastic, 80°C for sudden change allowed, nominal diameter: 15-150cm.

主要外形及连接尺寸 Main external and connecting dimensions(mm)

| Size |       | Pg=2.5kg/cm <sup>2</sup> |     |                 |              |                   | Pg=6kg/cm <sup>2</sup>  |     |                 |              |                    |
|------|-------|--------------------------|-----|-----------------|--------------|-------------------|-------------------------|-----|-----------------|--------------|--------------------|
|      |       | 外形尺寸 Overall dimensions  |     | 玻璃板 Glass plate |              | 图号 Drawing No.    | 外形尺寸 Overall dimensions |     | 玻璃板 Glass plate |              | 图号 Drawing No.     |
| mm   | Inch  | H                        | L   | 直径 Diameter     | 厚度 Thickness |                   | H                       | L   | 直径 Diameter     | 厚度 Thickness |                    |
| 15   | 1/2   | 200                      | 181 | 65              | 10           | HGS 07-101-01-1-7 | 200                     | 189 | 65              | 10           | HGS 07-102-15-1-7  |
| 20   | 3/4   | 200                      | 181 | 65              | 10           | HGS 07-101-02-1-7 | 200                     | 189 | 65              | 10           | HGS 07-102-20-1-7  |
| 25   | 1     | 200                      | 181 | 65              | 10           | HGS 07-101-03-1-7 | 200                     | 189 | 65              | 10           | HGS 07-102-25-1-7  |
| 32   | 1 1/4 | 260                      | 226 | 95              | 15           | HGS 07-101-04-1-7 | 260                     | 234 | 95              | 15           | HGS 07-102-32-1-7  |
| 40   | 1 1/2 | 260                      | 226 | 95              | 15           | HGS 07-101-05-1-7 | 260                     | 234 | 95              | 15           | HGS 07-102-40-1-7  |
| 50   | 2     | 320                      | 266 | 140             | 20           | HGS 07-101-06-1-7 | 320                     | 278 | 140             | 20           | HGS 07-102-50-1-7  |
| 65   | 2 1/2 | 320                      | 266 | 140             | 20           | HGS 07-101-07-1-7 | 320                     | 278 | 140             | 20           | HGS 07-102-65-1-7  |
| 80   | 3     | 360                      | 300 | 140             | 20           | HGS 07-101-08-1-7 | 360                     | 308 | 165             | 20           | HGS 07-102-80-1-7  |
| 100  | 4     | 360                      | 300 | 165             | 20           | HGS 07-101-09-1-7 | 360                     | 308 | 140             | 20           | HGS 07-102-100-1-7 |
| 125  | 5     | 440                      | 356 | 165             | 20           | HGS 07-101-10-1-7 | 440                     | 350 | 165             | 20           | HGS 07-102-125-1-7 |
| 150  | 6     | 440                      | 356 | 165             | 20           | HGS 07-101-11-1-7 | 440                     | 350 | 165             | 20           | HGS 07-102-150-1-7 |