
# VALVE SUPPLIER

天津市科信成金属制品有限公司

TIANJIN KXC METAL PRODUCTS CO., LTD.

Tianjin KXC group founded in 2004, is an ISO 9001 certified company, committed to manufacturing valves, valve parts & related products for water works and water treatment projects.

KXC consists of HY Valves Co. Ltd and KXC Metal Co. Ltd within our own factory and foundry. We have machining center, CNC machines, pressure test machining, electric furnace, mould machine, sand blasting machine, given all of this, our products quality always under good control.

KXC mainly produce gate valve(Resilient seat, Metal seat), butterfly valve(Concentric and Eccentric), check valve, ball valve, globe valve and etc. Supported by our many years' experience and expertise in this field, KXC can also offer OEM &ODM valves and parts.KXC philosophy is to offer high cost performance products with optimal service. Welcome to visit our factories and KXC will satisfy you in all respects

天津科信成成立于2004年，生产水处理行业的阀门、配件及相关产品。科信成由HY阀门和KXC金属制品构成。拥有加工中心，数控机床，压力测试台，电炉，造型机，抛丸机等设备已满足优质品控。科信成专业生产闸阀、蝶阀、止回阀、球阀、截止阀等，并且提供OEM&ODM服务。我们致力于提供高性价比产品，期待与您合作。

# WARRANTY CONDITIONS

All components of KXC valves and parts are made of top quality materials and are warranted for a period of eighteen (18) months from the date of delivery to be free from defects in material and workmanship(but not against reasonable wear and tear, damage caused by misuse, abrasion, corrosion, negligence accident, faulty installation or by dispensing material incompatible with the valve) under condition of normal use. During this period, KXC will, at its discretion, repair or replace any part according to actual situation. This warranty extends only to persons or organizations that purchase directly from KXC or from one of its worldwide approved distributors.

KXC生产的阀门及配件，在正确使用情况下，保证产品自交付之日起18个月内，无材料和工艺缺陷。(但不包括正常磨损和折旧、以及因为误用，腐蚀，疏忽事故，错误安装或分配与阀门不兼容的材料等非产品本身原因导致的问题)。在此期间，KXC将根据实际工况，决定更换或维修配件。此保修仅适用于直接从KXC本厂或其签约的经销商处购买的产品

生产流程Productive Process

## STOCK (配件)

Valve body is casted by applying molding line to guarantee a good-looking surface, and then the body will be grinded to remove metal burrs and sharp edges. After Sand blasting process, the hot castings(min temperature 210℃) are coated with Epoxy Resin Powder inside and outside creating a film of no less than 250um all round. We use high quality EPDM and NER seat, whose rubber percentage is no less than 55%, to guarantee valve service life. All other spare parts are chosen from inspected high quality materials(stainless steel and brass).




阀体采用流水线铸造，使用磨床清理金属表面的毛刺，然后进行喷砂处理，加热至210°C时进行环氧树脂喷涂，厚度不低于250um，阀座采用含胶量不低于55%的优质EPDM或NBR橡胶，其他部件均采用经过检测的优质金属(不锈钢和铜合金)


## MACHINING&ASSEMBLE (加工组装)

Valve body, bonnet and other parts are machined by CNC and machining center to assure the precise dimensions. Slide calipers are used to measure flange hole dimension, thickness of flange and etc. to insure all figures conform to relevant standards. And then valves are assembled by expert workers.

阀体，阀盖等加工件均由加工中心，CNC车床加工，以保证加工尺寸的精度，并由专业人员进行组装。


## TEST&CLEAN （测试清洁）

Separately doing shell and seal pressure test strictly in accordance to relative standards. Defective products will be reworked or scrapped. All the valves will be 100% test before going out of plant. Each valve will be polished and cleaned up before package.

按照相关标准，对壳体和密封分别进行严格的压力测试。如发现不合格品立即返工或将其报废。并且每台阀门装箱前都要进行擦拭和清洁。




## PACKING&DELIVERY (包装发货)

The valves are separated in bubble bag before packing horizontally or vertically into the wooden crate. Each valve will be isolated with a piece of cardboard to assure all products are safe during transport.

每台阀门装入单独的气泡袋，再放置于木箱之中。阀门将用硬纸板隔开，以保证产品在运输途中的安全。

## 阀门选型指南

| Ⅰ | Ⅱ | Ⅲ | Ⅳ | Ⅴ | | Ⅵ | Ⅶ |
|---|---|---|---|---|---|---|---|
| Z | 9 | 4 | 1 | H | | 16 | C |

（示例）

- Ⅶ 阀体材料
- Ⅵ 公称压力
- Ⅴ 密封面材料或衬里材料
- Ⅳ 结构形式
- Ⅲ 连接形式
- Ⅱ 传动方式
- Ⅰ 类型代号

| 代号 | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ⅱ-传动方式 | | 电磁动 | 电磁-液动 | 电-液动 | 蜗轮 | 正齿轮 | 锥齿轮 | 气动 | 液动 | 气-液动 | 电动 |
| Ⅲ-连接形式 | | - | 内螺纹 | 外螺纹 | - | 法兰 | - | 焊接 | 对夹 | 卡箍 | 卡套 |
| Ⅰ-类型代号 | | Ⅵ-结构形式 | | | | | | | | | |
| 闸阀 | Z | 明杆 | | | | | 暗杆 | | | | - |
| | | 楔式 | | | 平形式 | | 楔式 | | 平形式 | | |
| | | 弹性闸阀 | 刚性 | | | | 刚性 | | | | |
| | | | 单闸板 | 双闸板 | 单闸板 | 双闸板 | 单闸板 | 双闸板 | 单闸板 | 双闸板 | |
| 截止阀 | J | - | 直通式 | Z型式 | 三通式 | 角式 | 直流式 | 平衡 | | - | - |
| 节流阀 | L | | | | | | | 直通式 | 直角式 | | |
| 柱塞阀 | U | | | | | | | | | | |
| 球阀 | Q | 半球直通 | 浮动球 | | | | | 固定式 | | | |
| | | | 直通式 | 三通式Y形 | - | 三通式 | | 四通式 | 直通式 | 三通式 | |
| | | | | | | Y形 | T形 | | | T形 | Y形 |
| 蝶阀 | D | 非密封型三偏心 | 密封型 | | | | | 非密封型 | | | |
| | | | 中线式 | 单偏心 | 双偏心 | 连杆机构 | 三偏心 | 中线式 | 单偏心 | 双偏心 | 连杆机构 |
| 隔膜阀 | G | - | 屋脊式 | - | 截止式 | - | 直流式 | 直通式 | - | 角式Y形 | - |
| 旋塞阀 | X | - | - | - | 填料密封 | | | - | 油密封 | | - |
| | | | | | 直通式 | T型三通式 | 四通式 | | 直通式 | T型三通式 | |
| 止回阀 | H | - | 升降式 | | | 旋启式 | | | 回转蝶形 | 截止止回 | - |
| | | | 直通式 | 立式 | 角式 | 单瓣式 | 双瓣式 | 多瓣式 | | | |
| 安全阀 | A | 弹簧封闭 | | | 弹簧不封闭 | 弹簧封闭 | 杠杆式 | 弹簧不封闭 | | | 脉冲式 |
| | | 带散热片全启式 | 微启式 | 全启式 | 带扳手 | | | 带控制全启式 | 带扳手 | | |
| | | | | | 双联微启式 | 全启式 | | | 微启式 | 全启式 | |
| 减压阀 | Y | - | 薄膜式 | 弹簧薄膜式 | 活塞式 | 波纹管式 | 杠杆式 | - | - | - | - |
| 疏水阀 | S | - | 浮球式 | - | 浮桶式 | 膨胀式 | 钟形浮子式 | 膜盒式 | 双金属片式 | 脉冲式 | 热动力式 |
| 排污阀 | P | - | 液面连续排放 | | - | - | 液面间断排放 | | | | - |
| | | | 直通式 | 角式 | | | 直流式 | 直通式 | 角式 | 浮动闸板型 | |
| Ⅵ公称压力 | | 公称通径的数值用10倍的兆（MPa）数表示；用于电站工业的阀门，当介质最高温度超过425℃时，标注工作压力。 | | | | | | | | | |

| Ⅴ-阀座密封面或衬里材料 | 代号 | Ⅴ-阀座材料 | 代号 |
|---|---|---|---|
| 巴氏合金 | B | 尼龙塑料 | N |
| 搪瓷 | C | 渗硼钢 | P |
| 渗氮钢 | D | 衬铅 | Q |
| 氟塑料 | F | Mo2Ti系不锈钢 | R |
| 陶瓷 | G | 塑料 | S |
| Cr13系不锈钢 | H | 铜合金 | T |
| 衬胶 | J | 橡胶 | X |
| 蒙乃尔合金 | M | 硬质合金 | Y |

注：1、由阀门直接加工的阀座密封面材料代号用“W”表示；
　　2、除隔膜阀外，当密封材料不同时，用低硬度材料代号表示。

| Ⅶ-阀体材料 | 代号 | Ⅶ-阀体材料 | 代号 |
|---|---|---|---|
| 钛及钛合金 | TI | 球墨铸铁 | Q |
| 碳钢 | C | Mo2Ti系不锈钢 | R |
| Cr13系不锈钢 | H | 塑料 | S |
| 铬钼钢 | I | 铜及铜合金 | T |
| 可锻铸铁 | K | 铬钼钒钢 | V |
| 铝合金 | L | 灰铸铁 | Z |
| 18-8系不锈钢 | P | | |

注：1、PN≤1.6MPa的灰铸铁阀体和PN≥2.5MPa的碳素钢阀体材料可省略本代号；
2、CF3、CF8、CF3M、CF8M等材料牌号可直接标注在阀体上。

## HOW TO ORDER

| Ⅰ | Ⅱ | Ⅲ | Ⅳ | Ⅴ | | Ⅵ | Ⅶ |
|---|---|---|---|---|---|---|---|
| Z | 9 | 4 | 1 | H | | 16 | C |

(Sample)

- Ⅶ Body Material
- Ⅵ Nominal Pressure
- Ⅴ Seal Surface or Lining Material
- Ⅳ Construction Type
- Ⅲ Connection Type
- Ⅱ Actuated Type
- Ⅰ Type Code

| Code | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ⅱ-Actuated Type | | electro magnetic | Electro-hydraulic | Electrical-hydraulic | Gear | Spur gear | Angle gear | Pneumatic | Hydraulic | Pneumatic-hydraulic | Electrical |
| Ⅲ-Connection | | – | Inside screw | Outside screw | – | Flange | – | Welding | Wafer | Union ring | Compression joint |
| I-Type Code | | IV-Construction Type | | | | | | | | | |
| Gate Valve | Z | Rising stem | | | | | Non-rising stem | | | | – |
| | | Wedge type | | | Parallel type | | Wedge type | | Parallel type | | |
| | | Flexible | Rigid disc | | | | Rigid disc | | | | |
| | | | Single | Double | Single | Double | Single | Double | Single | Double | |
| Globe Valve | J | – | Through way | Z-Type | Tee | Angled | Straight flow | Balance type | | – | – |
| Throttle Valve | L | | | | | | | Thyough way | Right-angled | | |
| Piston Valves | U | | | | | | | | | | |
| Ball Valve | Q | Half-ball through way | Floating type | | | | | Trunnion-mounted | | | |
| | | | Through way | Y-Pattern Tee | – | Tee | | Four-way | through way | Tee | |
| | | | | | | T-Pattern | T-Pattern | | | T-Pattern | T-Pattern |
| Butterfly Valve | D | Non-seal tri-eccentric | Seal type | | | | | Non-seal type | | | |
| | | | Center line-type | Single-eccentric | Bi-eccentric | Link mechanism | Tri-eccentric | Center line-type | Bi-eccentric | Link mechanism | Tri-eccentric |
| Diaphragm Valve | G | – | Weir type | – | Globe type | – | Y-pattern | Through way type | – | Y-pattern angle type | – |
| Plug Valve | X | – | – | – | Packing seal | | | – | Lubricate seal | | – |
| | | | | | Through way type | T-pattern Tee | Four-way type | | Through way type | TeeT-type | |
| Check Valve | H | – | Lift type | | | Swing type | | | Rotary type butterfly | Globe check | – |
| | | | Th.way | Vertical type | Angle type | Single-plate | Double disc | Multi-disc | | | |
| Safety Valve | A | Spring seal type | | | Spring unseal | Spring seal | Lever | Spring unseal | | | Pulse |
| | | Full lift with cooling fin | Low lift | Full lift | Spanner type | | | Full lift with control | Spanner type | | |
| | | | | | Twin-low | Full lift | | | Low lift | Full lift | |
| Reducing Valve | Y | – | Diaphragm | Spring diaphragm | Piston | Bellows | Lever | – | – | – | – |
| Trap Valve | S | – | Ball float | – | Open bucket | Expansion | Inverted bucket type | Membrane -box | Bimetal elements | Pulse | Hot-motive force |
| Waste Valve | P | – | Continuous Discharge | | – | – | Discontinuous discharge | | | | – |
| | | | Through way type | Angle type | | | Straight flow type | Through way type | Angle type | Float gate disc type | |
| VI-Nominal Pressure | | The data of nominal diameter is express as ten times Mpa valve;It will mark working pressure when medium temperature over42℃ And be used in power station. | | | | | | | | | |

| V-seat seal surface or lining material | Code | V-seat seal surface or lining material | Code |
|---|---|---|---|
| Babbitt metal | B | Nylon plastic | N |
| Enamel | C | Boronizing steel | P |
| Nitrided steel | D | Lead Lining | Q |
| Fluoroplastics | F | Mo2Ti series SS | R |
| Ceramic metal | G | Plastic | S |
| Cr13 series SS | H | Copper alloy | T |
| Rubber lined | J | Rubber | X |
| Monel metal | M | Stellite | Y |

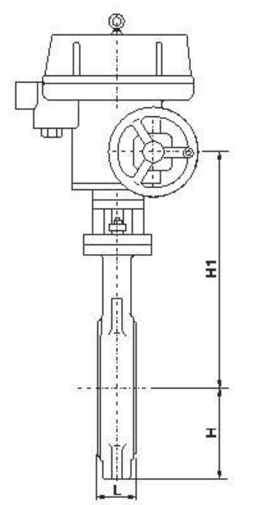
Remark:1、Code W is express material of seat surface that direct machining from body.
2、Except diaphragm valve,it mark with low hardndess material code when seal surface material is different.

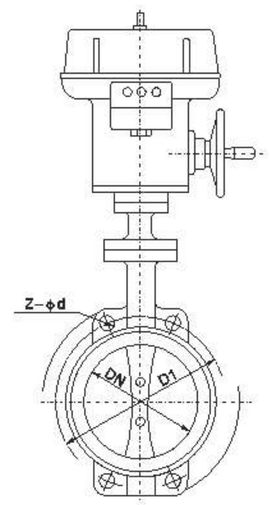
| Ⅶ-Body material | Code | Ⅶ-Body material | Code |
|---|---|---|---|
| Tianium&titanium alloy | TI | Spheroidal cast iron | Q |
| Carbon steel | C | Mo2TI series SS | R |
| Cr13 series SS | H | Plastic | S |
| Cr-Mo steel | I | Copper&Copper Alloy | T |
| Malleable iron | K | Cr-Mo-V steel | V |
| Aluminum alloy | L | Gray cast iron | Z |
| 18-8series SS | P | | |

Remark:1、Omit the code if body material is gray cast iron body when PN≤1.6MPa and is carbon steel body when PN≥2.5MPa.
2、CF3、CF8、CF3M、CF8M etc material code can direct mark on body.

# 目录 Contents

SYD671X    SYD971X




## 连接尺寸 Connection dimension

单位Unit: mm

| 公称通径 Nominal diameter | | 主要尺寸 Main dimension | | | 0.25MPa～0.6MPa | | | 1.0MPa | | | 1.6MPa | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| mm | inch | L | H | H1 | D1 | Z-ϕ(M)d | a | D1 | Z-ϕ(M)d | a | D1 | Z-ϕ(M)d | a |
| SYD71、D371、D671、D971 (X.J) | | | | | | | | | | | | | |
| 50 | 2 | 43 | 80 | 160 | 110 | 4-ϕ14 | 45° | 125 | 4-ϕ18 | 45° | 125 | 4-ϕ18 | 45° |
| 65 | 2 1/2 | 46 | 88 | 175 | 130 | 4-ϕ14 | 45° | 145 | 4-ϕ18 | 45° | 145 | 4-ϕ18 | 45° |
| 80 | 3 | 46 | 96 | 180 | 150 | 4-ϕ18 | 22° 30' | 160 | 4-ϕ18 | 22° 30' | 160 | 4-ϕ18 | 22° 30' |
| 100 | 4 | 52 | 115 | 200 | 170 | 4-ϕ18 | 22° 30' | 180 | 4-ϕ18 | 22° 30' | 180 | 4-ϕ18 | 22° 30' |
| 125 | 5 | 56 | 128 | 213 | 200 | 4-ϕ18 | 22° 30' | 210 | 4-ϕ18 | 22° 30' | 210 | 4-ϕ18 | 22° 30' |
| 150 | 6 | 56 | 140 | 225 | 225 | 4-ϕ18 | 22° 30' | 240 | 4-ϕ23 | 22° 30' | 240 | 4-ϕ23 | 22° 30' |
| 200 | 8 | 60 | 175 | 260 | 280 | 4-ϕ18 | 22° 30' | 295 | 4-ϕ23 | 22° 30' | 295 | 4-ϕ23 | 15° |
| 250 | 10 | 68 | 202 | 290 | 335 | 4-ϕ18 | 15° | 350 | 4-ϕ23 | 15° | 355 | 4-ϕ25 | 15° |
| 300 | 12 | 78 | 242 | 330 | 395 | 4-ϕ23 | 15° | 400 | 4-ϕ23 | 15° | 410 | 4-ϕ25 | 15° |
| 350 | 14 | 78 | 266 | 360 | 445 | 4-ϕ23 | 11° 15' | 460 | 4-ϕ23 | 11° 15' | 470 | 4-ϕ25 | 11° 15' |
| 400 | 16 | 102 | 298 | 390 | 495 | 4-ϕ23 | 11° 15' | 515 | 4-ϕ25 | 11° 15' | 525 | 4-ϕ30 | 11° 15' |
| 450 | 18 | 114 | 315 | 410 | 550 | 4-ϕ23 | 9° | 565 | 4-ϕ25 | 9° | 585 | 4-ϕ30 | 9° |
| 500 | 20 | 127 | 348 | 430 | 600 | 4-ϕ23 | 9° | 620 | 4-ϕ25 | 9° | 650 | 4-ϕ34 | 9° |
| 600 | 24 | 154 | 400 | 490 | 705 | 4-ϕ25 | 9° | 725 | 4-ϕ30 | 9° | 770 | 4-ϕ41 | 9° |
| 700 | 28 | 165 | 520 | 550 | 810 | 4-ϕ25 | 7° 30' | 840 | 4-M27 | 7° 30' | 840 | 4-M36 | 7° 30' |
| 800 | 32 | 190 | 591 | 610 | 920 | 4-ϕ30 | 7° 30' | 950 | 4-M30 | 7° 30' | 950 | 4-M36 | 7° 30' |
| 900 | 36 | 203 | 660 | 680 | 1020 | 4-M27 | 6° 26' | 1050 | 4-M30 | 6° 26' | 1050 | 4-M36 | 6° 26' |
| 1000 | 40 | 216 | 670 | 730 | 1120 | 4-M27 | 6° 26' | 1160 | 4-M30 | 6° 26' | 1170 | 4-M42 | 6° 26' |
| 1200 | 48 | 254 | 780 | 835 | 1340 | 4-M30 | 5° 38' | 1380 | 4-M36 | 5° 38' | 1390 | 4-M45 | 5° 38' |
| 1400 | 56 | 279 | 950 | 985 | 1560 | 4-M33 | - | - | - | - | - | - | - |





## 简介 Brief

本蝶阀适用在石油、化工、食品、医药、造纸、水电、船舶、给排水、冶炼、能源等系统管路上。可在多种腐蚀性、非腐蚀性的气体、液体、半流体以及固体粉末管线和容器上作为调节和截流设备使用。特别广泛适用于高层建筑消防系统及其它需要显示阀门开关状态的管线系统上。

This butterfly valve is suitable on system such as petroleum chemical industry, foodstuff, medicine, papemaking, water and electricity, shipping, plumbing, the smelting and sources of energy etc the pipe route. Can regard on gas, liquid, semifluid as well as solid powder pipes and power lines and the container of many kinds of corrosiveness and non-corrosiveness adjusts and dams a river the equipment use. Especially extensively being suitable in high layer of building fire protection system reaches other to show in the pipes and power lines system of valve switch state.

## 性能规范 Technical Data

| 公称通径DN(mm) Nominal Diameter | | 50(2")~250(10)' | |
|---|---|---|---|
| 公称压力PN(MPa) Nominal Pressure | | 1.0 | 1.6 |
| 试验压力 Testing Pressure | 壳体Shell | 1.5 | 2.4 |
| | 密封Sealing | 1.1 | 1.76 |
| 适用温度℃ Working Temperature | | -15~+150 | |
| 适用介质℃ Suitable Mediums | | 淡水、污水、海水、空气、蒸气、食品、药品等<br>Fresh water, Sewage, Sea water, Air, Steam, Food, Medicine, etc. | |
| 微动开关容量 Microswitch capacity | | AC 220V 1A DC 30V 0.5A | |

## 特点 Features

1、小型轻便，容易拆装及维修，并可在任意位置安装。
2、结构简单，紧凑，90° 回转启闭迅速。
3、操作扭矩小，省力轻巧。
4、流量特性趋于直线，调节性能好。
5、启闭试验次数多达数万次，寿命长。
6、达到完全密封，气体试验泄漏为零。
7、选择不同零部件材质，可适用多种介质。
8、凡使用闸阀、截止阀、旋塞、胶管阀及隔膜阀的管路，特别在高层建筑消防及需显示阀门开关状态的管线系统上，均可用该阀替换。

1. Small in size and light in weight. Easy instllation and mintenance. It can be mounted wherever nedded.
2. Siple and compact construction, quick 90 degrees on-off operation.
3. Miniminzed operating torque, energy saving.
4. Flow curve tending to straight line. Excellent regulation performance.
5. Long service life. Standing the test of tens of thousands opening/closing operations.
6. Bubbles-tight sealing with no leakage under the pressure test.
7. Wide selection of materials, applicable for various mdeium.
8. Gate valve, globe valve, cock, glue pipe valve and diaphragm valve altogether, especially reaching and need show in the pipes and power lines system of valve switch state at high layer of building fire protection system, all available this valve is replaced.

## 工作原理 The work principle

1、本信号蝶阀由蜗轮蜗杆传动装置驱动轴及蝶板旋转实现启闭和控制流量。
2、旋转蜗轮蜗杆传动装置手轮，使蝶板达到启闭及调节流量的目的，手轮顺时针方向旋转为阀门关闭。
3、蜗轮蜗杆传动装置箱体内设置微动开关有两种型式：
  (1)在传动装置箱体内设有开向、关向两个微动开关，分别在阀门全开和关闭时动作，接通控制室"阀开""阀关"指示灯电源，使之准确显示阀门开关状态。
  (2)在传动装置箱体内只设关向微动开关(蝶板全关闭位置为0° )。当蝶板由0~40° 位置时微动开关动作， 输出阀门关闭信号， 40~90° 位置时另一对常闭触点可输出阀门打开信号。可调整压触微动开关的凸轮，显示蝶板所处的不同位置

1. This signal butterfly valve is by the pot wheel worm-drive device drive tuming axle and the butterfly board revolving realizes opening and close and controls the volume of flow.
2. Revolving the worm gear worm-drive device handwheel ,making butterfly board achieve the purpose opening and close and adjusts the volume of flow, that the handwheel clockwise revolves closes down for the valve.
3. The worm gear worm-drive device chest is set up the microswitch inside the body and is had two kinds of versions:
  (1) At the gearing chest has out inside the body to and the pass to two microswitchs. Two switches move respectively at the valve standard -sized sheet with when cutting out, the pilot lamp power supply in the connection control room 'valve leaves' 'valve pass', mades accurately shows the valve switch state.
  (2) In the gearing chest body. The signal is closed down by the export valve to the microswitch action when the butterfly board is by 0-40 seat, and another can be sended out the valve and opening the signal to often closing the contact during 40-90 seat. Can adjust the cam that the pressure was touched the microswitch, and show the different seats of butterfly board place.

# 沟槽式信号蝶阀 Intermal-slot type butterfly valve

## 产品简介 Product introduction

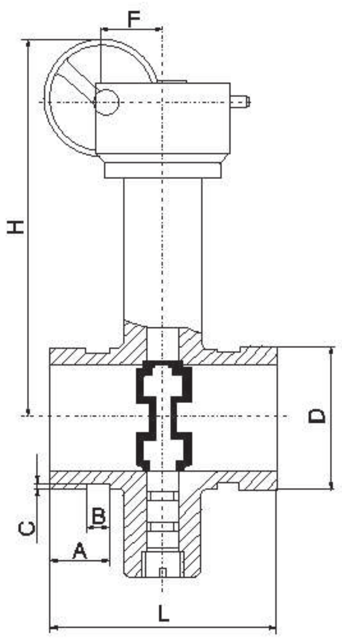
该阀是采用国外先进技术及本公司多次改进设计。它具有安装迅速、简易可靠、重量轻、操作灵活、维修方面等到优点。良好密封性，又具备与管件连接所希求的快捷性，可广泛应用于给排水、消防、石油、化工、医药、钢铁等管路上作为截断或调节之用。

This valve is made up with the foreign advanced know-how and designed via several improvements and holds quick mountable, simple, reliable, light flexibly operable easily repairable etc. features, as well as a good tightness and desirable quick connection with fittings. Suitable for water supply and drainage ,fire fighting, petroleum, chemical industry, medicine, steel and iron etc. Fields as breaking or adjusting the pipeline therein.

## 沟槽式蝶阀特点 Features of channel type butterfly valve

1、沟槽式蝶阀结构紧凑、体积小、重量轻、操作灵活、维修方便。
2、密封性能可靠，不受介质注射限制(双向密封)
3、过流面积大、流阻系数小、流通能力大；
4、蝶板采用整体包胶抗老化抗辐射、经久耐用。

1.Compact structure, small volume, light weight, flexible operation, easy repair.
2.Reliable sealing performance, without subject to the limit of medium injection(dual-way seal).
3.Large flow-passing area, small flow-resisting coefficient, great flowing capacity.
4.The butterfly board is integrily and adhesively wrapped, ageing-proof radiation proof and durable.




## 主要技术参数 Main technical parameters

PN16/25

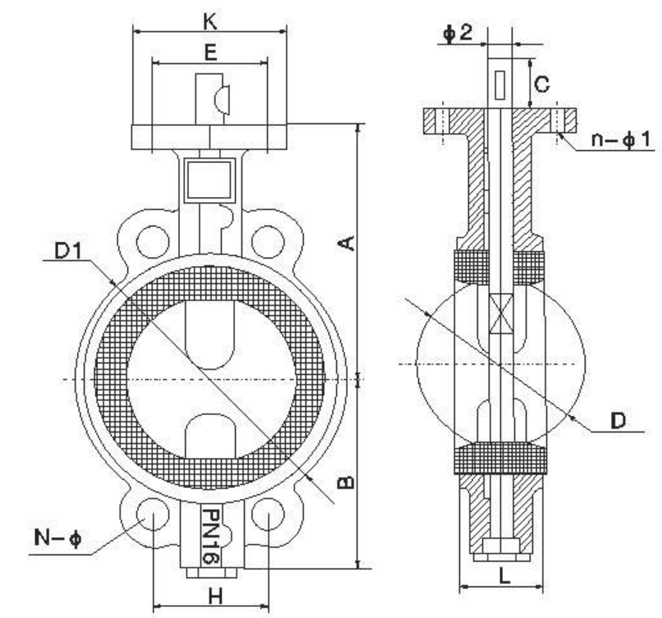
| 公称通径DN (mm) | L | D | A | B | C | H SJKD | H SJKD3 | H SJKXHD | H SJKE |
|---|---|---|---|---|---|---|---|---|---|
| 50 | 88 | 57 / 60 | 14.5 | 9.5 | 2.2 | 120 | 170 | 250 | 160 |
| 65 | 90 | 76 | 14.5 | 9.5 | 2.2 | 130 | 180 | 260 | 170 |
| 80 | 96 | 89 | 14.5 | 9.5 | 2.2 | 150 | 200 | 280 | 190 |
| 100 | 115 | 108 / 114 | 16 | 9.5 | 2.2 | 180 | 230 | 310 | 220 |
| 150 | 132 | 159 / 165 / 168 | 16 | 9.5 | 2.2 | 210 | 260 | 340 | 260 |
| 200 | 147 | 219 | 19 | 13 | 2.5 | 250 | 320 | 400 | 290 |
| 250 | 159 | 273 | 19 | 13 | 2.5 | | 350 | 430 | 350 |
| 300 | 165 | 325 | 19 | 13 | 2.5 | | 390 | 470 | 390 |
| 350 | 165 | 377 | 25 | 13 | 3.3 | | 440 | 520 | 440 |
| 400 | 170 | 426 | 25 | 13 | 5.5 | | 510 | 590 | 510 |
| 450 | 180 | 480 | 25 | 13 | 5.5 | | 540 | 620 | 540 |
| 500 | 180 | 530 | 25 | 13 | 5.5 | | 585 | 665 | 585 |
| 600 | 210 | 630 | 25 | 13 | 5.5 | | 650 | 730 | 650 |



# 环保型无销衬胶对夹式蝶阀
# Not Line Gum Environmental protection wafer Butterfly Valve



WD$\begin{smallmatrix}71\\371\\671\end{smallmatrix}$X-$\begin{smallmatrix}10\\16\end{smallmatrix}$




## 特点 Features

1、小型轻便，容易拆装及维修，并可在任意位置安装。
2、结构简单，紧凑，90° 回转启闭迅速。
3、操作扭矩小，省力轻巧。
4、流量特性趋于直线，调节性能好。
5、启闭试验次数多达数万次，寿命长。
6、达到完全密封，气体试验泄漏为零。
7、选择不同零部件材质，可适用多种介质。
8、转轴与阀板采用无销连接，性能更加可靠。
9、阀板衬胶、金属不接触介质，防腐性好。
10、适用介质：淡水、海水、各种气体、油品、耐酸、碱、盐等有机化学物。

1. Small in size and light in weight. Easy instllation and mintenance. It can be mounted wherever nedded.
2. Siple and compact construction, quick 90~ degrees on-off operation.
3. Miniminzed operating torque, energy saving.
4. Flow curve tending to straight line. Excellent regulation performance.
5. Long service life. Standing the test of tens of thousands opening, closing operations.
6. Bubbles-tight sealing with no leakage under the pressure test.
7. Wide selection of materials, applicable for various mdeium.
8. Axle and valve's broad is linked by no line gum, function is more reliable.
9. Valve's broad line gum, steel aren't contact with medium, against corrosiveness is good.
10. Suitable mediums: water, sea water, different kinds of gasses, oil product, acidproof, alkali, salt grade organic chemistry thing.

## "A"型无销衬对夹式蝶阀外型尺寸，连接尺寸和重量
## Overall & Connection Dimensions & Weight of Type "A" Not Line Gum Wafer Butterfly Valve

| 公称通径 Nominal diameter DN | | 尺寸 Size(mm) | | | | | | | | | | | | 重量 Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | B | L | D | C | H | D1 | N-ϕ | K | E | n-ϕ1 | ϕ2 | |
| (mm) | (inch) | XD71/371/671F-1.0/1.6 | | | | | | | | | | | | |
| 40 | 1.5" | 130 | 73 | 41 | 52.7 | 28 | 77.78 | 100 | 4-18 | 77 | 57 | 4-7 | 12.7 | 3.8 |
| 50 | 2" | 130 | 73 | 41 | 52.7 | 28 | 88.38 | 125 | 4-18 | 77 | 57 | 4-7 | 12.7 | 3.8 |
| 65 | 2.5" | 142 | 80 | 43 | 64.4 | 28 | 120.13 / 113.13 | 145 | 4-18 | 77 | 57 | 4-7 | 12.7 | 4.2 |
| 80 | 3" | 155 | 96 | 44.5 | 78.8 | 28 | 61.23 | 160 | 4-18 | 77 | 57 | 4-7 | 12.7 | 4.7 |
| 100 | 4" | 170 | 123 | 50 | 104.2 | 28 | 68.88 | 180 | 8-18 | 92 | 69 | 4-10.5 | 15.8 | 9.0 |
| 125 | 5" | 173 | 125 | 54 | 123.3 | 29 | 80.36 | 210 | 8-18 | 92 | 69 | 4-10.5 | 19.05 | 10.9 |
| 150 | 6" | 204 | 140 | 54 | 157 | 29 | 91.84 / 112.89 | 240 | 8-18 | 92 | 69 | 4-10.5 | 19.05 | 14.2 |
| 200 | 8" | 239 | 173 | 60 | 202.5 | 32 | 76.35 | 295 | 8-22 / 8-23 | 114 | 89 | 4-14.3 | 22.22 | 18.2 |
| 250 | 10" | 275 | 200 | 66 | 250.5 | 40 | 90.59 / 91.88 | 350 / 355 | 12-23 | 115 | 89 | 4-14.3 | 28.6 | 26.8 |
| 300 | 12" | 320 | 230 | 75.5 | 301.6 | 40 | 103.52 / 106.12 | 400 / 410 | 12-23 / 12-26 | 140 | 108 | 4-14.3 | 31.8 | 40 |
| 350 | 14" | 368 | 267 | 76.5 | 333.3 | 40 | 89.74 / 91.69 | 460 / 470 | 12-23 / 12-26 | 140 | 108 | 4-14.3 | 31.8 | 56 |
| 400 | 16" | 400 | 309 | 86.5 | 389.6 | 51.2 / 72 | 100.48 / 102.42 | 515 / 525 | 16-23 / 16-26 | 197 | 159 | 4-20.5 | 33.3 | 96 |
| 450 | 18" | 422 | 328 | 105.6 | 440.51 | 51.2 / 72 | 88.38 / 91.51 | 565 / 585 | 16-26 / 16-30 | 198 | 159 | 4-20.5 | 38 | 122 |
| 500 | 20" | 480 | 361 | 131.8 | 491.6 | 64.2 / 82 | 96.99 / 101.68 | 620 / 650 | 20-26 / 20-33 | 197 | 159 | 4-20.5 | 41.5 | 202 |
| 600 | 24" | 562 | 459 | 152 | 592.5 | 70.2 / 82 | 113.42 / 120.46 | 725 / 770 | 20-30 / 20-36 | 276 | 215.9 | 4-22.5 | 50.65 | 270 |

注Notes:

DN40~DN600mm全衬胶无销对夹蝶阀，分别适用于PN1.0~1. 6MPa二种压力等级。可根据用户需求选用手动、蜗轮传动、 电动、气动等连接尺寸。

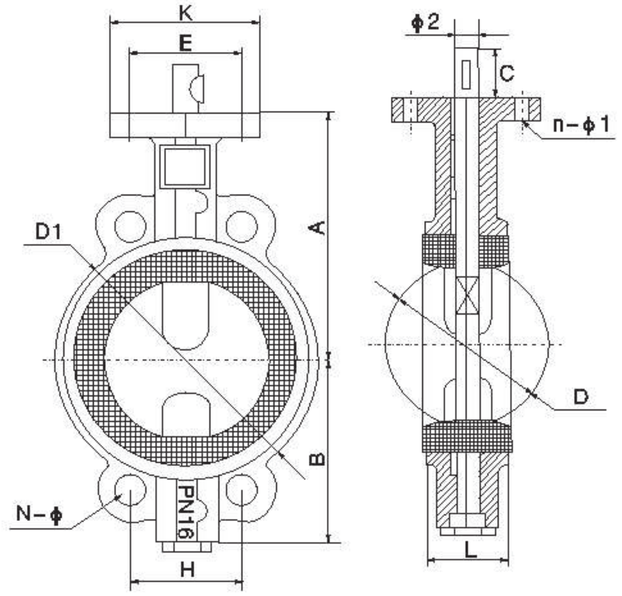
DN40-DN600mm not line gum wafer butterfly valve, separately adopt to PN 1.0-1.6MPa two pressure grade. Can be chosed handwork worm gear transmission, motor-driven, pneumatic line measurement and so on.

WD 71/371/671 X-10/16

## 特点 Features

1、小型轻便，容易拆装及维修，并可在任意位置安装。
2、结构简单、紧凑，90° 回转启闭迅速。
3、操作扭矩小，省力轻巧。
4、优异的减磨、自润滑性、操作力矩比普通蝶阀降低40%以上。
5、耐磨好(尼龙耐磨是铜的7倍)，可延长使用寿命。
6、无毒、无味、抗菌符合绿色环保要求。
7、耐盐、碱、弱酸侵蚀，适应性广。
8、无销连接技术，保证介质与金属完全隔离可靠性高。
9、产品价格远低于不锈铜阀门，明显降低工程造价。
10、适用介质：淡水、海水、各种气体、油品、碱、盐、有机化合物及弱酸等。

1 .Small in size and light in weight. Easy instllation and mintenance. It can be mounted wherever nedded.
2. Siple and compact construction, quick 90 degrees on-off operation.
3. Miniminzed operating torque, energy saving.
4. The excellent antifriction, lubricate oneself, doing moment of force is the ordinary butterfly valve lower 40%.
5. Wear-resisting is good, (nylon wear-resisting is 7 times of copper) can lengthen one's life.
6. Innocuity, no flavour, against fungus according with the require of green environmental.
7. Salt-resisting, soda-resisting, weakacid-resisting, it's adaptability is wide.
8. The technology of no line gum linking ensure the reliable what medium keep apart metal.
9. The product's price is most poor than stainless steel, clear reduce the cost of engineering.
10. Be suitable of medium: fresh water, sea water, all kinds of gas, oil, soda, salt, organism and weak acid.




## 尼龙覆层、四氟覆层无销蝶阀外型尺寸，连接尺寸和重量
**Overall & Connection Dimensions & Weight of Nylon Overlying Strata, PTFE Overlying Strata Not Line Gum Butterfly Valve**

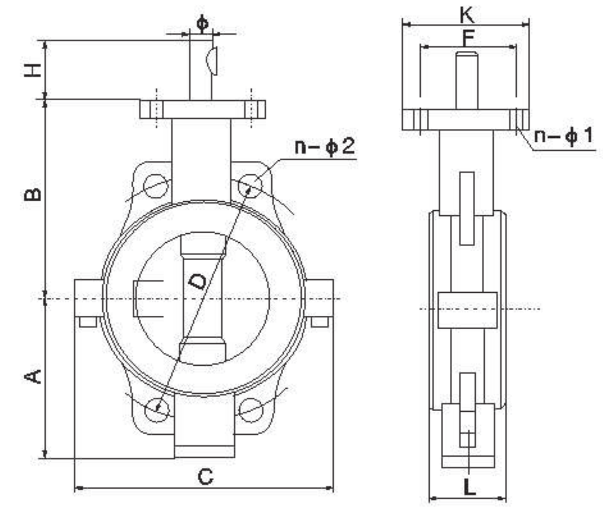
| 公称通径DN Nominal diameter | | 尺寸Size(mm) | | | | | | | | | | | | 重量 Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | B | L | D | C | H | D1 | N-ϕ | K | E | n-ϕ1 | ϕ2 | |
| (mm) | (inch) | WD71/371/671F-1.0/1.6 | | | | | | | | | | | | |
| 40 | 1.5" | 130 | 73 | 41 | 52.7 | 28 | 77.8 | 110 | 4-18 | 77 | 57 | 4-7 | 12.7 | 3.8 |
| 50 | 2" | 130 | 73 | 41 | 52.7 | 28 | 88.38 | 125 | 4-18 | 77 | 57 | 4-7 | 12.7 | 3.8 |
| 65 | 2.5" | 142 | 80 | 43 | 64.4 | 28 | 120.54 / 113.13 | 145 | 4-18 | 77 | 57 | 4-7 | 12.7 | 4.2 |
| 80 | 3" | 155 | 96 | 44.5 | 78.8 | 28 | 61.23 | 160 | 4-18 | 77 | 57 | 4-7 | 12.7 | 4.7 |
| 100 | 4" | 170 | 123 | 50 | 104.2 | 28 | 68.88 | 180 | 8-18 | 92 | 69 | 4-10.5 | 15.8 | 9.0 |
| 125 | 5" | 173 | 125 | 54 | 123.3 | 29 | 80.36 | 210 | 8-18 | 92 | 659 | 4-10.5 | 19.05 | 10.9 |
| 150 | 6" | 204 | 140 | 54 | 157 | 29 | 91.84 / 112.89 | 240 | 8-18 | 92 | 69.85 | 4-10.5 | 19.05 | 14.2 |
| 200 | 8" | 239 | 173 | 60 | 202.5 | 32 | 76.35 | 295 | 8-22 / 8-23 | 114 | 89 | 4-14.3 | 22.22 | 18.2 |
| 250 | 10" | 275 | 200 | 66 | 250.5 | 40 | 90.59 / 91.88 | 350 / 355 | 12-23 | 115 | 89 | 4-14.3 | 28.6 | 26.8 |
| 300 | 12" | 320 | 230 | 75.5 | 301.6 | 40 | 103.52 / 106.12 | 400 / 410 | 12-23 / 12-26 | 140 | 108 | 4-14.3 | 31.8 | 40 |
| 350 | 14" | 368 | 267 | 76.5 | 333.3 | 40 | 89.74 / 91.69 | 460 / 470 | 12-23 / 12-26 | 140 | 108 | 4-14.3 | 31.8 | 56 |
| 400 | 16" | 400 | 309 | 86.5 | 389.6 | 51.2 / 72 | 100.48 / 102.42 | 515 / 525 | 16-23 / 16-26 | 197 | 159 | 4-20.5 | 33.3 | 96 |
| 450 | 18" | 422 | 328 | 105.6 | 440.51 | 51.2 / 72 | 88.38 / 91.51 | 565 / 585 | 16-26 / 16-30 | 197 | 159 | 4-20.5 | 38 | 122 |
| 500 | 20" | 480 | 361 | 131.8 | 491.6 | 64.2 / 82 | 96.99 / 101.68 | 620 / 650 | 20-26 / 20-33 | 197 | 159 | 4-20.5 | 41.5 | 202 |
| 600 | 24" | 562 | 459 | 152 | 592.5 | 70.2 / 82 | 113.42 / 120.46 | 725 / 770 | 20-30 / 20-36 | 276 | 216 | 4-22.2 | 50.65 | 270 |

注Notes:
DN40~DN600mm全衬四氟尼龙覆层无销蝶阀，分别适合于PN1.0~1.6MPa二种压力等级。可根据用户需求选用手动、蜗轮传动、电动、气动等连接尺寸。
DN40~DN600mm PTFE lining nylon overlying strata not line gum butterfly valve, separately adopt to PN1.0~1.6MPa two pressure grade. Can be chosed handwork worm gear transmission, motor-driven, pneumatic line measurement and so on.





D 71/371 F1-10




## 简介 Brief

本公司生产的聚四氟乙烯蝶阀(俗称：塑料王)由美国DUPONTCOLTD于1938年首先研制问世，1949年进行工业化生产。50年的应用历史证明: 在抗腐蚀材料中聚四氟乙烯有不可比拟的优异性能。90年代初，我公司根据国外产品的特点，研制开发出的全衬聚四氟乙烯球截面密封蝶阀。该产品质量优异、外观精美、质量可靠、领先水平、信誉良好、目前已销往全国、被国内几个家大中型化工企业定点采用。

This factory the PTFE butterfly valve (custom is called: plastics kings) is pub-lished by the American the most before all others development of DUPONT COLTD in 1938, and carried on industrialize production in 1949. The application history of 50 years provs: the polytetrafiuoroethylene has excellent function can not compare in re-sists corroding the material. At beginning in the 90's that our factory developes out according to the characteristic of product of abroad lines that the olytetrafluoroethylene sphere section sealing butterfly valve entirely. This product quality is excellent and the outward appearance is exquisite and the quality is reli-able and leading standard and presige well, and melting toward the whole nation at present, internal tens the big and medium-sized chemical industry enterprises of quilt fix a point to adopt.

## 主要零部件材料 Meterial of Main Parts

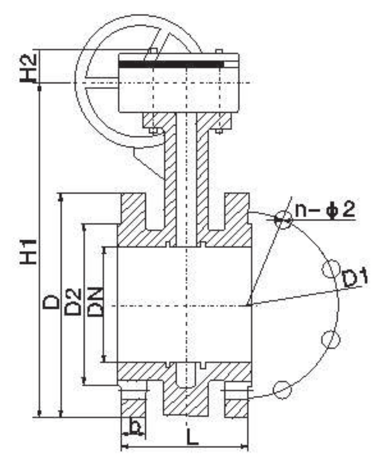
| 序号 | 零件名称Part name | 材料名称Meterial name |
|---|---|---|
| 1 | 阀体Valve body | 灰铸铁、球铁、铸钢、不锈钢Cast Iron, Ductile Iron, cast steel and stainless steel |
| 2 | 蝶板Butterfly board | 聚四氟乙烯PTFE |
| 3 | 阀座Valve seat | 聚四氟乙烯PTFE |
| 4 | 阀轴Valve axle | 316不锈钢 316 stainless steel |
| 5 | 蝶板芯Butterfly board stamen or pistil | 铸钢、球铁、不锈钢 Cast steel and Ductile Iron and stainless steel |
| 6 | 圆垫片 Gasket in garden | 黄铜、不锈钢Brass and stainless steel |
| 7 | 衬套Bush | 润滑青铜、聚四氟乙烯Bronze and PTFE |

| 序号 | 零件名称Part name | 材料名称Meterial name |
|---|---|---|
| 8 | 密封圈Sealing-circle | 氟橡胶、聚四氟乙烯 Fluorine rubber and PTFE |
| 9 | 档圈Shelves circles | 弹簧圈Spring coil |
| 10 | 阀座靠背 Valve seat backk | DN50~DN350酚醛树脂Phenolic resin DN400-DN800铝合金Aluminium alloy |
| 11 | 自密封压套White sealing pressure cover | 氟橡胶、聚四氟乙烯 Fluorine rubber and PTFE |
| 12 | 隔套Cover | 聚四氟乙烯PTFE |
| 13 | 止推轴承 Thrust bearing | DN350-DN600润滑青铜Lubricates bronze DN700~DN800滚动轴承Rolling bearing |
| 14 | 锥销The awl forelock | 不锈钢Stainless steel |

## 全四氟蝶阀外型尺寸，连接尺寸和重量
**Overall & Connection Dimensions & Weight of Entriely four fluorine Butterfly Valve**

| 公称通径DN Nominal diameter | | 尺寸Size(mm) | | | | | | | | | | | 重量 Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | B | C | L | H | K | D1 | N-ϕ | E | ϕ | n-ϕ2 | |
| (mm) | (inch) | WD71/371/671F-1.0/1.6 | | | | | | | | | | | |
| 50 | 2' | 77 | 135 | 130 | 42 | 32 | 77 | 120 | 4-6.7 | 57.15 | 12.7 | 4-22 | 3.2 |
| 65 | 2.5' | 91 | 138 | 150 | 45 | 32 | 77 | 136.2 | 4-6.7 | 57.15 | 12.7 | 4-22 | 5.8 |
| 80 | 3' | 95 | 138 | 164 | 45.2 | 32 | 77 | 160 | 4-6.7 | 57.15 | 12.7 | 4-22 | 6.5 |
| 100 | 4' | 121 | 149 | 188 | 52 | 32 | 92 | 185 | 4-10.3 | 69.85 | 15.8 | 4-24 | 11 |
| 125 | 5' | 125 | 173 | 220 | 54 | 32 | 92 | 215 | 4-10.3 | 69.85 | 19 | 4-24 | 13 |
| 150 | 6' | 150 | 187 | 252 | 56 | 32 | 92 | 238 | 4-10.3 | 69.85 | 19 | 4-26 | 16 |
| 200 | 8' | 182 | 225 | 305 | 62 | 45 | 115 | 295 | 4-14.5 | 88.9 | 22.2 | 4-26 | 27 |
| 250 | 10' | 226 | 255 | 370 | 65.3 | 45 | 115 | 357 | 4-14.5 | 88.9 | 28.6 | 4-29 | 35 |
| 300 | 12' | 260 | 295 | 430 | 77 | 45 | 140 | 407 | 4-14.5 | 107.95 | 31.8 | 4-29 | 51 |
| 350 | 14' | 275 | 335 | 470 | 77 | 45 | 140 | 467 | 4-14.5 | 107.95 | 31.8 | 4-30 | 76 |
| 400 | 16' | 305 | 410 | 565 | 86.5 | 51.2 | 197 | 515 | 4-20.6 | 158.75 | 33.34 | 4-28 | 97 |
| 450 | 18' | 338 | 440 | 620 | 105.5 | 51.2 | 197 | 565 | 4-20.6 | 158.75 | 38 | 4-28 | 125 |
| 500 | 20' | 375 | 495 | 695 | 131.8 | 64 | 197 | 620 | 4-20.6 | 158.75 | 41.15 | 4-28 | 186 |

D41/341/641/941X-10/16




### 性能规范Technical Data

| | |
|---|---|
| 公称通径DN(mm)<br>Nominal Diameter | DN50~800 |
| 公称压力PN(MPa)<br>Nominal Pressure | 1.0~1.6 |
| 适用温度℃<br>Working Temperature | −23~+121 |
| 适用介质<br>Suitable Mediums | 淡水、污水、海水、气体等<br>Fresh water, Sewage, Sea Water, Gas etc. |

### 主要零部件材料Meterial of Main Parts

| 序号 | 零件名称<br>Part name | 材料名称<br>Meterial name |
|---|---|---|
| 1 | 阀体<br>Valve body | 灰铸铁、球墨铸铁、不锈钢<br>Cast iron, Ductile iron, Stainless steel |
| 2 | 阀板<br>Valve board | 球墨铸铁、不锈钢、铝合金Ductile iron, Stainless steel, Aluminium alloy |
| 3 | 阀轴<br>Valve axle | 碳钢、不锈钢<br>Carbon steel, Stainless steel |
| 4 | 阀座<br>Valve seat | 橡胶Rubber |
| 5 | 密封Seal | O型圈 O Type rang |

### 标准与规范Standard and standard

1、该产品符合GBI2238-89《通用阀门法兰和对夹连接蝶阀》标准。
2、试验符合GBFF《通用阀门压力试验》。
3、测法兰连接符合GB4216.4~4216.5-84《灰铸铁法兰及垫片》标准。
1.This product conforms to GB12238-89 'General Valve Flange And to Clamps Connects Butterfly valve' the standard.
2.The experiment conforms to GB/T 'General Valve Pressure test'.
3.Measured the flange connection conforms to GB4216.4-4216.5-84 'Gray iron Flange And Filling piece' the standard.

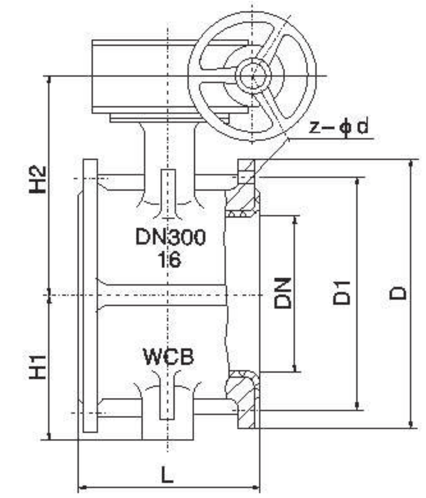
### 法兰蝶阀外型尺寸及连接尺寸
### Overall & Connection Dimensions Of Flange Butterfly Valve

| 公称通径<br>Nominal diameter<br>DN(mm) | 尺寸Size(mm) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | L | H1 | H2 | D | | D1 | | D2 | n-ϕ2 | | b |
| | | | | 10kg | 16kg | 10kg | 16kg | | 10kg | 16kg | |
| | D41/341/641/943X-10/16 | | | | | | | | | | |
| 50 | 108 | 221 | 70 | 165 | 165 | 125 | 125 | 102 | 4-18 | 4-18 | 20 |
| 65 | 112 | 240 | 70 | 185 | 185 | 145 | 145 | 722 | 4-18 | 4-18 | 20 |
| 80 | 114 | 255 | 70 | 200 | 200 | 180 | 180 | 133 | 4-18 | 8-18 | 22 |
| 100 | 127 | 285 | 70 | 220 | 220 | 180 | 180 | 158 | 8-18 | 8-18 | 24 |
| 125 | 110 | 326 | 70 | 250 | 250 | 210 | 270 | 184 | 8-18 | 8-18 | 26 |
| 150 | 140 | 365 | 70 | 285 | 285 | 240 | 240 | 212 | 8-22 | 8-22 | 28 |
| 200 | 152 | 430 | 80 | 340 | 340 | 295 | 295 | 268 | 8-22 | 12-23 | 28 |
| 250 | 165 | 495 | 80 | 395 | 405 | 350 | 355 | 320 | 12-22 | 12-26 | 30 |
| 300 | 178 | 550 | 85 | 445 | 460 | 400 | 410 | 370 | 12-22 | 72-26 | 30 |
| 350 | 190 | 610 | 85 | 505 | 520 | 460 | 470 | 430 | 16-22 | 16-26 | 30 |
| 400 | 216 | 680 | 185 | 585 | 580 | 515 | 525 | 484 | 16-26 | 16-30 | 32 |
| 450 | 222 | 750 | 185 | 615 | 640 | 565 | 585 | 532 | 20-26 | 20-30 | 32 |
| 500 | 229 | 841 | 190 | 670 | 715 | 620 | 650 | 585 | 20-26 | 20-33 | 34 |
| 600 | 267 | 1021 | 190 | 780 | 840 | 725 | 770 | 685 | 20-30 | 20-36 | 36 |
| 700 | 292 | 1050 | 240 | 895 | 970 | 840 | 840 | 800 | 24-30 | 24-36 | 40 |
| 800 | 318 | 1080 | 240 | 1015 | 1026 | 950 | 950 | 905 | 24-33 | 24-36 | 42 |





D341F-10/16




### 主要零部件材料Meterial of Main Parts

| 序号 | 零件名称<br>Part name | 材料名称 Meterial name |
|---|---|---|
| 1 | 上下阀体<br>About valve body | 铸铁、铸钢、不锈钢、衬氟Cast Iron, cast steel, stainless steel and Lining fluorine |
| 2 | 阀座<br>Valve seat | 铸钢 Cast steel |
| 3 | 带杆蝶板Belt pole butterfly board | 四氟 Four fluorine |
| 4 | 填科Padding | 四氟 Four fluorine |
| 5 | 衬垫Liner | 硅橡胶 Silicon rubber |
| 6 | 蜗轮手柄<br>Worm gear handle | QT400-15球墨铸铁<br>QT400-15 Modular cast iron |

### 衬氟蝶阀标准Lining fluorine reed valve standard

| 技术规范Technology standard | |
|---|---|
| 设计标准<br>Design standard | GBI2238 |
| 结构长度<br>Structural length | GBI2221 |
| 法兰标准<br>Flange standard | JB/T79-94 |
| | GB9113.1-26 |
| 检验试验<br>Examination experiment | GB/T13927 |
| 驱动方式<br>Drive type | 蜗轮、手动、电动、气动Worm gear, manual, electric operated, Pneumatic operated |

### 法兰四氟蝶阀外型尺寸及连接尺寸
### Overall & Connection Dimensions Of Flange Four Fluorine Butterfly Valve

| 公称通径<br>Nominal diameter<br>DN | | 尺寸Size(mm) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | L | H2 | H1 | 1.0MPa | | | 1.6MPa | | |
| | | | | | D | D1 | z-ϕd | D | D1 | z-ϕd |
| (mm) | (inch) | D341F-10/16 D341F-10C/16C D341F-10P/16P | | | | | | | | |
| 50 | 2" | 108 | 143 | 85 | 160 | 125 | 4-ϕ18 | 160 | 125 | 4-ϕ18 |
| 65 | 2.5" | 112 | 157 | 93 | 180 | 145 | 4-ϕ18 | 180 | 145 | 4-ϕ18 |
| 80 | 3" | 114 | 178 | 100 | 195 | 160 | 4-ϕ18 | 195 | 160 | 8-ϕ18 |
| 100 | 4" | 127 | 185 | 110 | 215 | 180 | 8-ϕ18 | 215 | 180 | 8-ϕ18 |
| 125 | 5" | 140 | 206 | 120 | 245 | 210 | 8-ϕ18 | 245 | 210 | 8-ϕ18 |
| 150 | 6" | 140 | 225 | 160 | 280 | 240 | 8-ϕ23 | 280 | 240 | 8-ϕ23 |
| 200 | 8" | 152 | 275 | 245 | 335 | 295 | 8-ϕ23 | 335 | 295 | 12-ϕ23 |
| 250 | 10" | 165 | 326 | 260 | 390 | 350 | 12-ϕ23 | 405 | 355 | 12-ϕ26 |
| 300 | 12" | 178 | 333 | 300 | 440 | 400 | 12-ϕ23 | 460 | 410 | 12-ϕ26 |
| 350 | 14" | 190 | 393 | 320 | 500 | 460 | 16-ϕ23 | 520 | 470 | 16-ϕ26 |
| 400 | 16" | 216 | 438 | 330 | 565 | 515 | 16-ϕ26 | 580 | 525 | 16-ϕ30 |
| 450 | 18" | 222 | 488 | 380 | 615 | 565 | 20-ϕ26 | 640 | 585 | 20-ϕ30 |
| 500 | 20" | 229 | 540 | 390 | 670 | 620 | 20-ϕ26 | 715 | 650 | 20-ϕ33 |
| 600 | 24" | 267 | 615 | 450 | 780 | 725 | 20-ϕ30 | 840 | 770 | 20-ϕ36 |
| 700 | 28" | 292 | 660 | 480 | 895 | 840 | 24-ϕ30 | 910 | 840 | 24-ϕ36 |
| 800 | 32" | 318 | 720 | 580 | 1010 | 950 | 24-ϕ34 | 1020 | 950 | 24-ϕ39 |
| 900 | 36" | 330 | 785 | 625 | 1110 | 1050 | 28-ϕ34 | 1120 | 1050 | 28-ϕ39 |
| 1000 | 40" | 410 | 900 | 660 | 1220 | 1160 | 28-ϕ34 | 1255 | 1170 | 28-ϕ42 |
| 1200 | 48" | 470 | 1070 | 780 | 1450 | 1380 | 32-ϕ41 | 1485 | 1390 | 32-ϕ48 |

SD341X-10

## 简介 Brief

本蝶阀适用温度≤80℃、用于石油、化工、食品、医药、 轻纺、造纸、电力、给排水、气体管路上，作调节流量和截流介质的作用。具有补偿管道热胀冷缩的功能。

This butterfly valve is suitable to temperature≤80℃, is used on peff-eleum, chemical industry, foodstuff, medicine gently. the spinning and papermaking, power, plumbing and gas pipe route. and does the effect adjusted the volume of flow and dams a river the medium. Possess the bloated cold function that contracts of compensation pipeline heat.

## 特点 Features

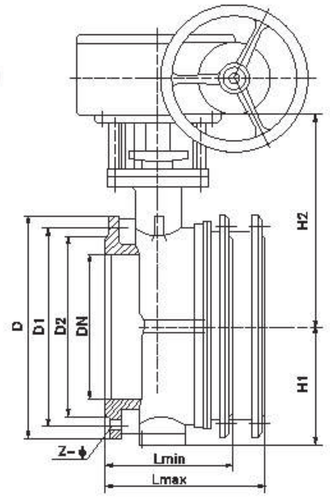
1、设计新颖、合理、结构独特、重量轻、操作方便、起闭迅速。
2、本伸缩蝶阀既能起到调节流量和截流作用，又能补偿管道温差，所产生的热胀冷缩功能，同时也便于安装和拆卸，为一阀多用产品。

1、The design is new and original and reasonable and the structure is unique andis light in weight and operates makes things convenient for and It Is rapld case to close.
2、This stretch butterfly valve can act to adlust the volume of flow with damming a river the effect to compensate that the pipeline difference In temperature Is glven rlse to agaln hot expands to coolcontracts the functien and but also being easy to atthe same time install and dis-manteles, usesthe producttor one valvemore

## 安装注意事项 Installment matters needing attention

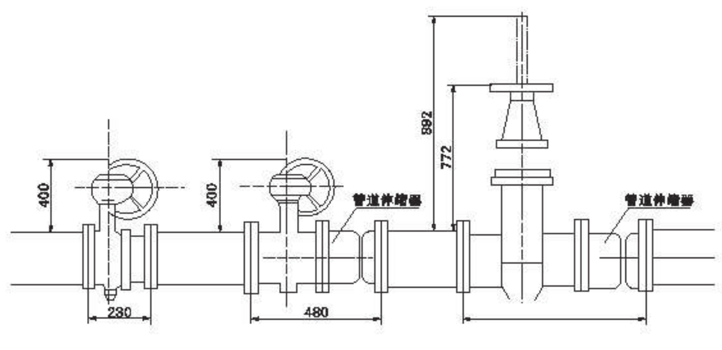
1、本蝶阀安装前必须清洗内腔杂物.
2、本阀门可在一定范围内伸缩，安装前必须松开伸缩部位的密封垫压盖，然后代本阀门与管道所需要的长度后，再锁紧伸缩密封压盖。

1、This butterfly valve must rinse the cavity odds and ends before the installation
2、These valve approve In the field flex hence fasten mustloosen pars contractills steric seal gland, then should telescopic joint regulate to required position keeper conduit bott post, anew keeper flex gland, these valve be incapable of exceed soope use up on.




## 主要零部件材料 Meterial of Main Parts

| 名称 Name | 材料 Meterlal name |
|---|---|
| 阀体 Valve body | 铸铁、球墨铸铁、铸钢、不锈钢Cast Iron,Nodular cast Iron, cast steel and staninless steel |
| 阀板 Valve boatd | 铸铁、球墨铸铁、铸钢、不锈钢 Nodular cadt Iron, Coper allol and staninless steel |
| 阀杆 Valve pole | 2Crl3、不锈钢衬 stanless steel line |
| 密封圈 Sealing-circle | 耐磨橡胶,丁晴橡胶等 The fine rubber of wear-reslsing rubber and NBR etc. |
| 填料 Filler | 丁晴橡胶V型垫、柔性石墨 Butadiene-acrylonitrile rtubber V-mode plllow,expanded graphltel |




伸缩型蝶阀处中间位置时 70kg　法兰型蝶阀 120kg　Z44T-10闸阀 194kg

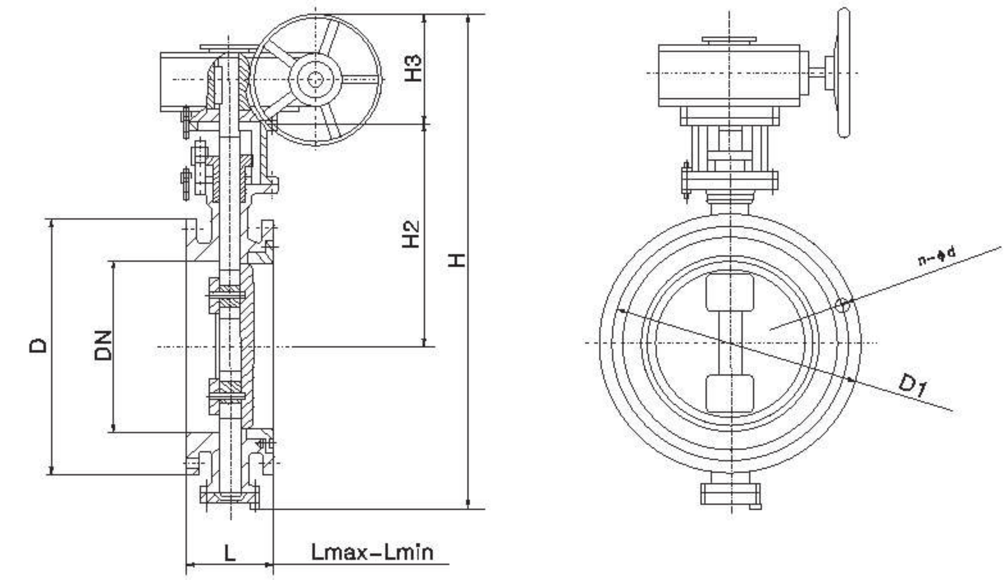
## 外形尺寸及连接尺寸
## Overall & Connection Dimensions

| 压力 Pressure | 直径 | 最长 Longest L2 | 中间 Among L | 最短 Shortest L1 | D2 | D | D1 | H | H1 | H2 | B1 | B2 | N | N2 | ϕ | Z-ϕ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.0 MPa | 100 | 196 | 180 | 164 | 155 | 215 | 180 | 359 | 120 | 239 | 186 | 350 | 180 | 150 | 152 | 8-18 |
| | 150 | 227 | 210 | 192 | 210 | 280 | 210 | 392 | 124 | 278 | 186 | 350 | 180 | 150 | 152 | 8-23 |
| | 200 | 247 | 230 | 212 | 265 | 335 | 295 | 465 | 170 | 295 | 186 | 350 | 180 | 150 | 152 | 8-23 |
| | 250 | 267 | 250 | 230 | 320 | 390 | 350 | 555 | 198 | 357 | 253 | 453 | | | 250 | 12-23 |
| | 300 | 286 | 270 | 252 | 368 | 440 | 400 | 570 | 218 | 353 | 253 | 453 | | | 250 | 12-23 |
| | 350 | 310 | 290 | 270 | 428 | 500 | 460 | 670 | 253 | 427 | 253 | 415 | | | 250 | 16-23 |
| | 400 | 332 | 310 | 290 | 482 | 565 | 515 | | 285 | 465 | 320 | 415 | 200 | 207 | 40 | 16-26 |
| | 450 | 352 | 330 | 310 | 532 | 615 | 565 | 800 | 310 | 490 | 320 | 415 | 200 | 207 | 400 | 20-26 |
| | 500 | 375 | 350 | 330 | 582 | 670 | 620 | 860 | 340 | 520 | 320 | | 200 | 207 | 400 | 20-30 |
| | 600 | 420 | 390 | 360 | 635 | 780 | 725 | 1007 | 397 | 610 | | 510 | | | 500 | 20-30 |
| | 700 | 465 | 430 | 395 | 800 | 895 | 840 | 1157 | 467 | 690 | 470 | 510 | | | 300 | 24-30 |
| | 800 | 510 | 470 | 430 | 905 | 1015 | 950 | 1295 | 530 | 765 | 470 | 510 | | | 300 | 24-34 |
| | 900 | 555 | 510 | 465 | 1005 | 1115 | 1050 | 1425 | 595 | 830 | 470 | 510 | | | 300 | 28-36 |
| | 100 | 600 | 550 | 500 | 1110 | 1230 | 1160 | 1580 | 670 | 910 | 470 | 510 | | | 300 | 32-39 |
| | 1200 | 690 | 630 | 570 | 1330 | 1455 | 1380 | 1815 | 785 | 1030 | 470 | | | | 300 | 32-39 |
| | 1400 | 780 | 710 | 640 | 1560 | 1630 | 1560 | 2015 | 835 | 1180 | | | | | 600 | 36-36 |
| 0.6 MPa | 1600 | 860 | 790 | 750 | 1710 | 1830 | 1760 | | 1100 | 1300 | | | | | 600 | 40-36 |
| | 1800 | 940 | 870 | 800 | 1920 | 2045 | 1970 | | 1180 | 1400 | | | | | 600 | 44-39 |
| | 2000 | 1020 | 950 | 880 | 2125 | 2265 | 2100 | | 1300 | 1580 | | | | | 600 | 48-42 |





SD341X-6/10/16




## 双偏心法兰伸缩蝶阀外型尺寸，连接尺寸及重量
## Overall & Connection-Dimensions & Weight Of Doule-eccentric Flex Flange Butterfly Valve

| 公称通径 DN Nominal diameter | | 尺寸 Size(mm) | | | | | | | | | | | | | | | 重量 Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | H | H2 | H3 | Lmax | Lmin | L | D1 | | | n-ϕ及M | | | | | | |
| | | | | | | | | 6 | 10 | 16 | 6 | | 10 | | 16 | | |
| (mm) | (inch) | SD343X-6/10/16 | | | | | | | | | | | | | | | |
| 50 | 2" | 309 | 112 | 117 | 164 | 138 | 151 | 110 | 125 | 125 | 4-14 | M12 | 4-18 | M16 | 4-19 | M16 | 14.3 |
| 65 | 2.5" | 337 | 112 | 117 | 190 | 154 | 172 | 130 | 145 | 145 | 4-14 | M12 | 4-18 | M16 | 4-19 | M16 | 16.8 |
| 80 | 3" | 347 | 135 | 117 | 195 | 163 | 177 | 150 | 160 | 160 | 4-18 | M16 | 8-18 | M16 | 8-19 | M16 | 18.7 |
| 100 | 4" | 373 | 142 | 117 | 227 | 184 | 206 | 170 | 180 | 180 | 4-18 | M16 | 8-18 | M16 | 8-19 | M16 | 26.2 |
| 125 | 5" | 405 | 160 | 117 | 254 | 201 | 215 | 200 | 210 | 210 | 8-18 | M16 | 8-18 | M16 | 8-19 | M16 | 33.6 |
| 150 | 6" | 440 | 180 | 117 | 240 | 195 | 225 | 225 | 240 | 240 | 8-18 | M16 | 8-22 | M20 | 8-23 | M20 | 37.3 |
| 200 | 8" | 612 | 225 | 212 | 265 | 215 | 245 | 280 | 295 | 295 | 8-18 | M16 | 8-22 | M20 | 12-23 | M20 | 68.7 |
| 250 | 10" | 693 | 266 | 212 | 295 | 235 | 265 | 335 | 350 | 355 | 12-18 | M16 | 12-22 | M20 | 12-28 | M24 | 86.8 |
| 300 | 12" | 747 | 290 | 212 | 308 | 254 | 282 | 395 | 400 | 410 | 12-22 | M20 | 12-22 | M20 | 12-28 | M24 | 120 |
| 350 | 14" | 802 | 320 | 212 | 325 | 271 | 300 | 445 | 460 | 470 | 12-22 | M20 | 16-22 | M20 | 16-28 | M24 | 157 |
| 400 | 16" | 991 | 400 | 265 | 345 | 283 | 314 | 495 | 515 | 525 | 16-22 | M20 | 16-26 | M24 | 16-31 | M27 | 227 |
| 450 | 18" | 1037 | 425 | 265 | 370 | 314 | 340 | 550 | 565 | 585 | 16-22 | M20 | 20-26 | M24 | 20-31 | M27 | 260 |
| 500 | 20" | 1127 | 480 | 265 | 377 | 316 | 346 | 600 | 620 | 650 | 20-22 | M20 | 20-26 | M24 | 20-34 | M30 | 300 |
| 600 | 24" | 1377 | 520 | 380 | 446 | 388 | 417 | 705 | 725 | 770 | 20-26 | M24 | 20-30 | M27 | 20-37 | M33 | 540 |
| 700 | 28" | 1496 | 577 | 380 | 445 | 395 | 425 | 810 | 840 | 840 | 24-26 | M24 | 24-30 | M27 | 20-37 | M33 | 684 |
| 800 | 32" | 1484 | 620 | 270 | 479 | 425 | 455 | 920 | 950 | 950 | 24-30 | M27 | 24-33 | M30 | 24-40 | M36 | 952 |
| 900 | 36" | 1676 | 715 | 285 | 515 | 455 | 485 | 1020 | 1050 | 1050 | 24-30 | M27 | 28-33 | M30 | 28-40 | M36 | 1290 |
| 1000 | 40" | 1760 | 760 | 285 | 525 | 465 | 495 | 1120 | 1160 | 1170 | 28-30 | M27 | 28-36 | M33 | 28-43 | M39 | 1456 |
| 1200 | 48" | 2018 | 900 | 285 | 574 | 512 | 542 | 1340 | 1380 | 1390 | 32-33 | M30 | 32-39 | M36 | 32-49 | M45 | 2310 |
| 1400 | 56" | 2363 | 1000 | 425 | 599 | 547 | 572 | 1560 | 1590 | 1590 | 36-36 | M33 | 36-42 | M39 | 36-49 | M45 | 2816 |
| 1600 | 64" | 2723 | 1160 | 425 | 640 | 589 | 615 | 1760 | 1820 | 1850 | 40-36 | M33 | 40-48 | M45 | 40-56 | M52 | 4218 |
| 1800 | 72" | 2844 | 1247 | 425 | 725 | 670 | 692 | 1970 | 2020 | 2020 | 44-39 | M36 | 44-48 | M45 | 44-56 | M52 | 5650 |
| 2000 | 80" | 3127 | 1362 | 425 | 764 | 680 | 722 | 2180 | 2230 | 2230 | 48-42 | M39 | 48-48 | M45 | 48-62 | M56 | 6000 |

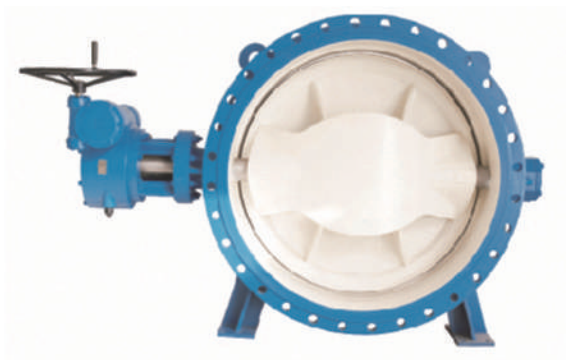
## 简介 Brief

本蝶阀系我公司最新研制的软密封偏心法兰蝶阀。主要适用于水厂、电厂、钢厂冶炼、造纸、化工、饮食等系统供排水用，尤其适用于自来水管路上，作为调节和截流设备使用。

This butterfly valve is the flange butterfly valve that my company develops most newly, apply to water works. electric power plant, steel mill mainly smelt, paper making. system such as chemical industry,food and drink is for draining off's using. especially is put into use on the way as the equipment adiusting rate ot flow by seryivepipe sultable for use.

## 特点 Features

1、结构简单紧凑，重量轻，90° 旋转，开关迅速。
2、设计合理，装拆容易便于维修。
3、采用偏心结构，减少密封圈的磨擦，延长阀门使用寿命。
4、完全密封，泄漏为零。
5、更换阀板密封圈、O型圈、蝶板、转轴等材质，可适用多种介质和不同温度。



1、Strudure simple compact,the weight is light 90° Revolves the switch is rapid.
2、Designs reasonably. the assembling and dismantling is easy, tobe advantageous for the service.
3、Uses the eccentric structure, reduces the seal packing collar the friction. lengthens thevalve service life.
4、Completely seals, dlvulgesforzero.
5、Replacement valve board material quality and so on seal packing collar, O circle butterfiy board, revolution axis, suitable many kinds of medium and different temperature.

## 标准与规范 Standard and standard

1、该产品符合GBI2238 89《通用阀门法兰和对夹连接蝶阀》标准。
2、试验符合GB/T13927-92《通用阀门压力试验》标准。
3、侧法兰连接符合GB/T17241.6-1998《整体铸铁管法兰、GB4216.4-4216.5-84《灰铸铁管法兰及垫片》标准。同时分别符合BS4504，IS02084、DIN2501中的PNI.OMPa，PNI.6MPa法兰连接标准。
1、This product conforms to GBI2238-89" General Valve Flange And to Clamps Connects Butterfly valve"the standard.
2、The experiment conforms to GB/T'General Valve Pressure test"
3、Measured the flange connection conforms to GB4216.4-4216.5-84"Grayiron Flange And Filling piece"the standard.

## 主要零部件材料 Meterial of Main Parts

| 名称Name | 阀体 Valve body | 阀板 Valve boatd | 转轴 Fulcra | 阀板密封圈 Valve plate lock ring | 轴套 Shaft | 阀体钢环 Valve body steel rung |
|---|---|---|---|---|---|---|
| 国标GB | QT500-7 | QT500-7 | 2Cr13 | ZCuZn38Mn3Pb2 | 丁腈橡胶 NBR | 0Cr18Ni9 |
| 美标ASTM | A126 ClassB | A536 65-45-12 | 420 | B36 | D2000 Aa6014 | S32100 |
| 英标BS | B145-20 | BS278-65 | Bs970 | Bs1400 | Bs2494 Buua-N | Bs321S12 |

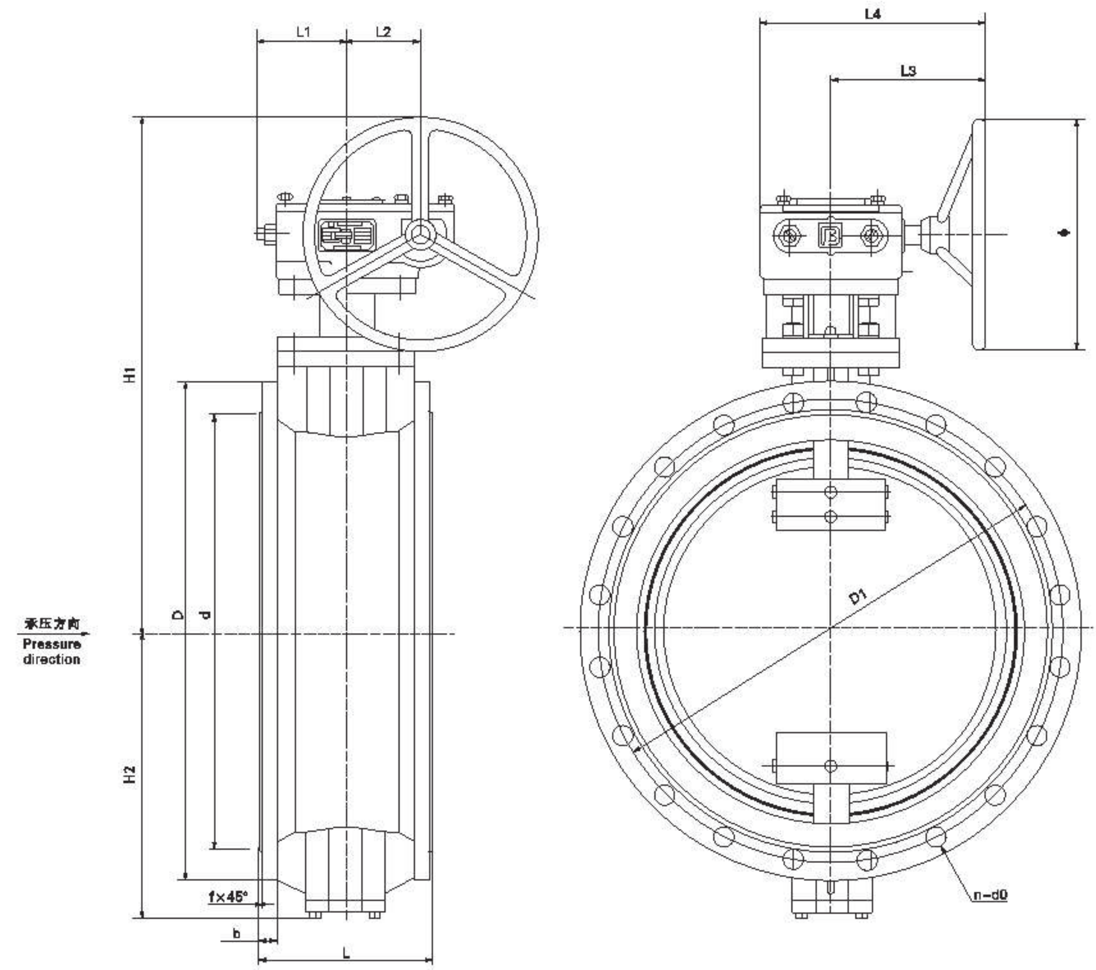
## 性能规范 Technical Data

| 公称通径DN(mm) Nominal Diameter | | 100~1200 | 100~1200 |
|---|---|---|---|
| 公称压力PN(MPa) Nominal Pressure | | 1.0 | 1.6 |
| 试验压力 Testing Pressure | 壳体 Shell | 1.5 | 2.4 |
| | 密封 Sealing | 1.1 | 1.76 |
| 介质温度 Working Temperatur | | 10℃~+120℃ | |
| 适用介质 Suitable Mediums | | 淡水、污水、空气等 Water, sewage etc. Gas | |



DB/Dc型软密封双偏心手动法兰蝶阀
DB/Dc Type Resilient Seated Double-eccentric
Flanged B.V with Gear Operator

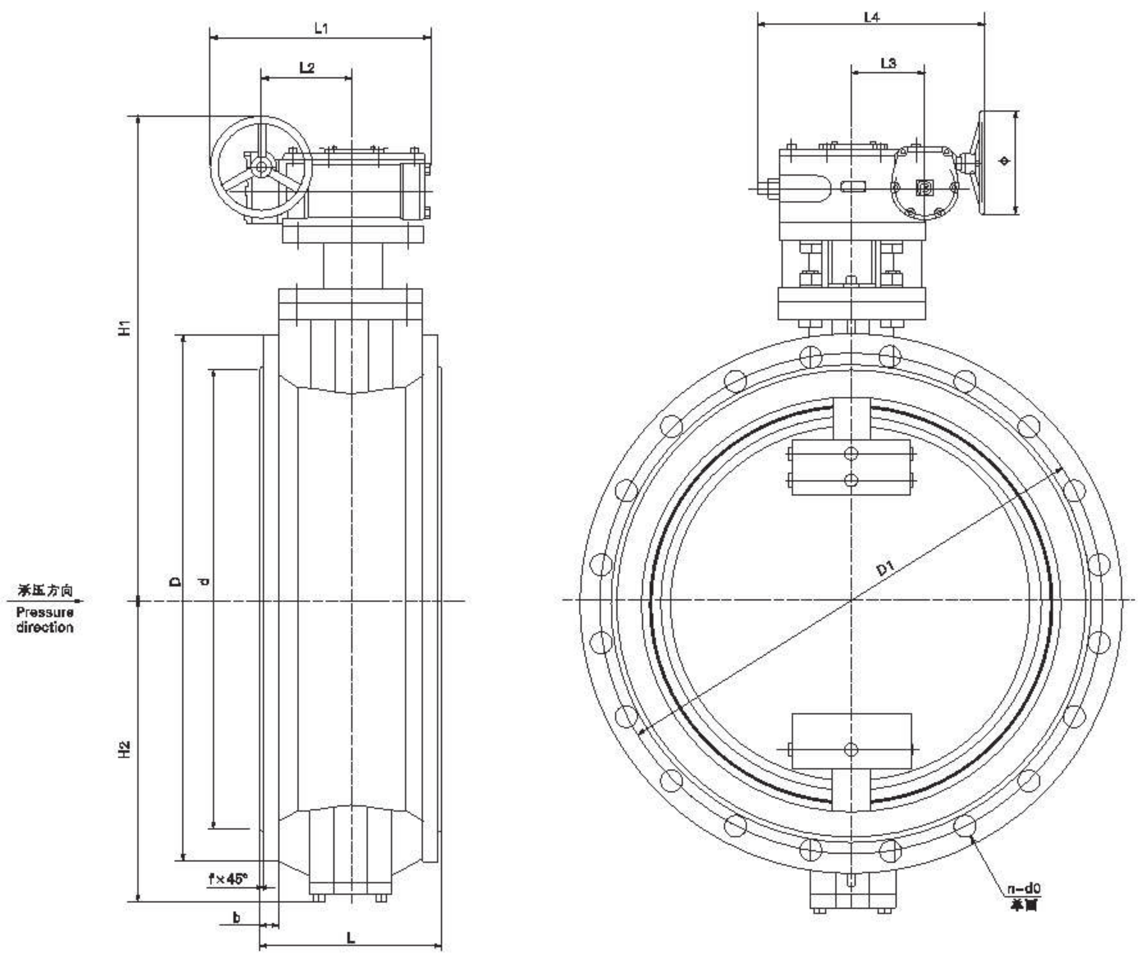
100~400Dc34B3X-10Q 300~400DB34B3X-10Q




## 外形尺寸、连接尺寸和重量
## Overall & Connection Dimensions & Weight

| DN | 传动装置 Gear Operator | L | D | D1 | d | n | d0 | b | f | H1 | H2 | L1 | L2 | L3 | L4 | ϕ | 重量 Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100 | XJ24 | 127 | 220 | 180 | 156 | 8 | 19 | 19 | 3 | 310 | 109 | 52 | 45 | 158 | 210 | 150 | 19 |
| 150 | XJ24 | 140 | 285 | 240 | 211 | 8 | 23 | 19 | 3 | 440 | 143 | 52 | 45 | 158 | 210 | 150 | 37 |
| 200 | XJ30 | 152 | 340 | 295 | 266 | 8 | 23 | 20 | 3 | 510 | 182 | 77 | 63 | 238 | 315 | 300 | 51 |
| 250 | XJ30 | 165 | 395 | 350 | 319 | 12 | 23 | 22 | 3 | 565 | 219 | 77 | 63 | 238 | 315 | 300 | 68 |
| 300 | 4022 | 178 | 445 | 400 | 370 | 12 | 23 | 24.5 | 4 | 630 | 244 | 95 | 72 | 167 | 242 | 300 | 93 |
| 350 | 4023 | 190 | 505 | 460 | 429 | 16 | 23 | 24.5 | 4 | 715 | 283 | 110 | 91 | 188 | 275 | 400 | 122 |
| 400 | 4023 | 216 | 565 | 515 | 480 | 16 | 28 | 24.5 | 4 | 750 | 312 | 110 | 91 | 188 | 275 | 400 | 152 |

450~500DC34B3X-10Q 450~500DB34B3X-10Q




## 外形尺寸、连接尺寸和重量
## Overall & Connection Dimensions & Weight

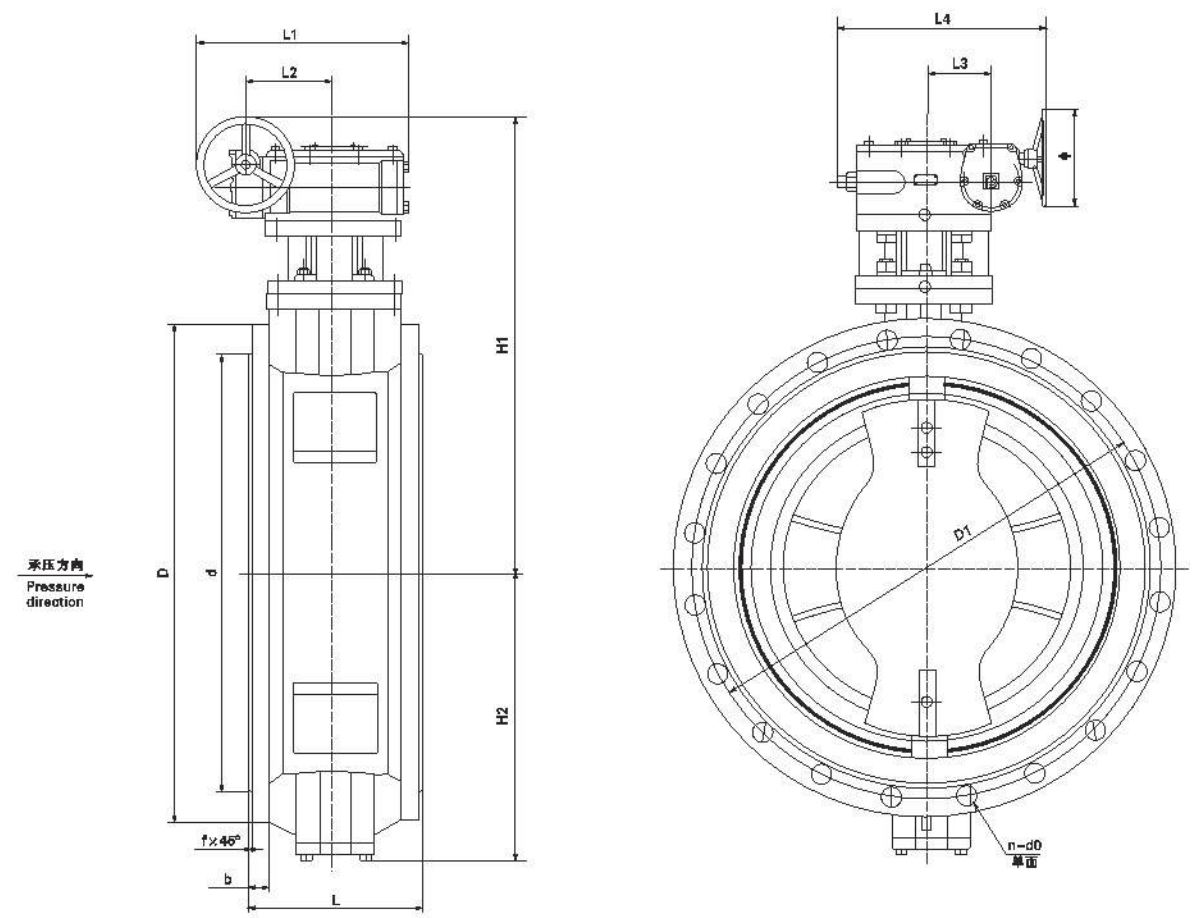
| DN | 传动装置 Gear Operator | L | D | D1 | d | n | d0 | b | f | H1 | H2 | L1 | L2 | L3 | L4 | ϕ | 重量 Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 450 | 4024 | 222 | 615 | 565 | 530 | 20 | 28 | 25.5 | 4 | 820 | 344 | 473 | 147 | 109 | 420 | 400 | 182 |
| 500 | 4024 | 229 | 670 | 620 | 582 | 20 | 28 | 26.5 | 4 | 845 | 381 | 473 | 147 | 109 | 420 | 400 | 230 |



DB/DC型软密封双偏心手动法兰蝶阀
DB/DC Type Resilient Seated Double-eccentric Flanged B.V with Gear Operator



600~1200DC34B3X-10/6Q 600~1200DB34B3X-10/6Q



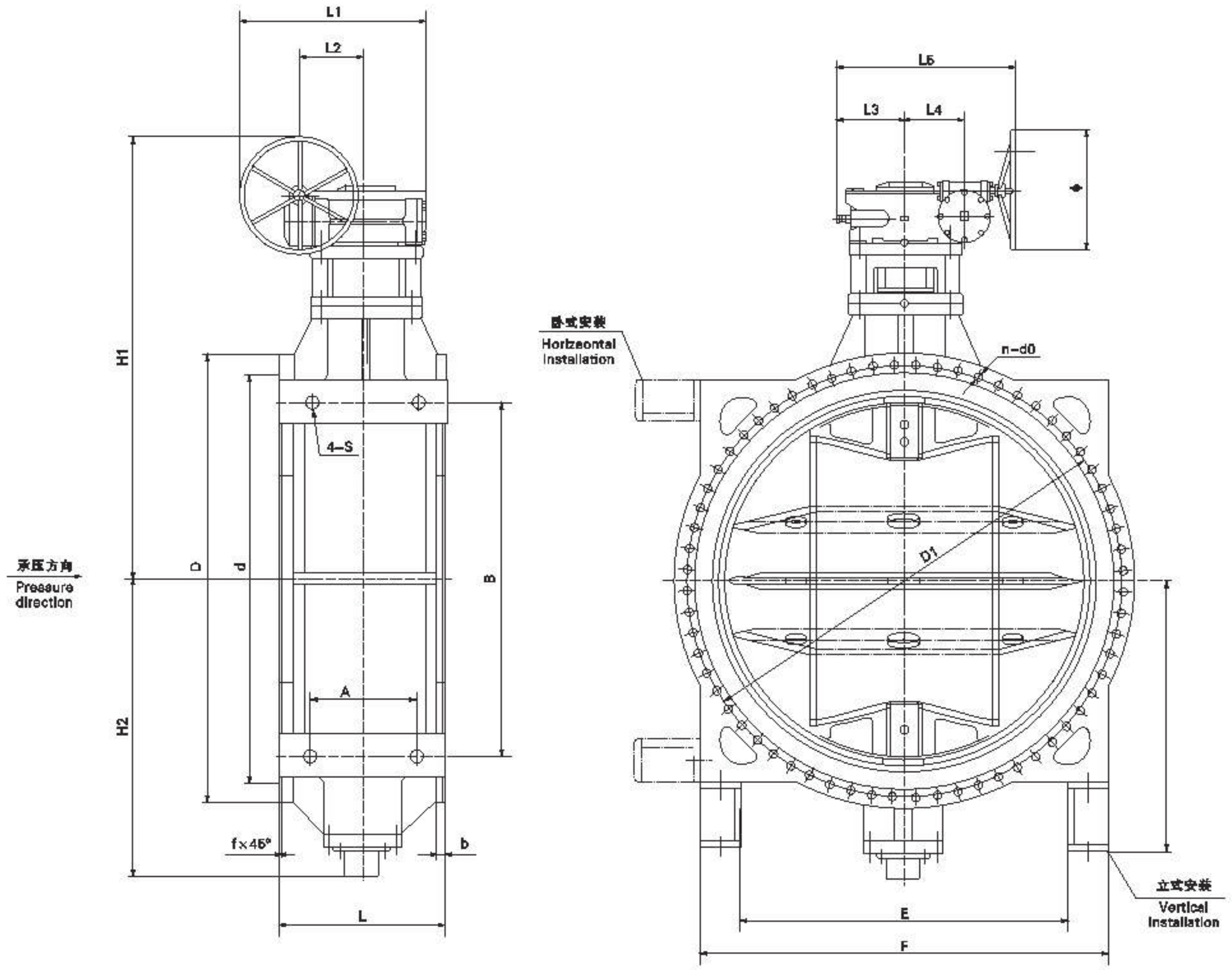

## 外形尺寸、连接尺寸和重量
## Overall & Connection Dimensions & Weight

| DN | 传动装置 Gear Operator | L | D | D1 | d | n | d0 | b | f | H1 | H2 | L1 | L2 | L3 | L4 | ϕ | 重量 Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 600 | 4025 | 267 | 780/755 | 725/705 | 682/667 | 20 | 31/26 | 30 | 5 | 950 | 451 | 533 | 179 | 138 | 476 | 400 | 388 |
| 700 | 4025 | 292 | 895/860 | 840/810 | 794/772 | 24 | 31/26 | 32.5 | 5 | 1010 | 526 | 533 | 179 | 138 | 476 | 400 | 480 |
| 800 | 4026 | 318 | 1015/975 | 950/920 | 901/878 | 24 | 34/31 | 35 | 5 | 1140 | 581 | 655 | 217 | 170 | 577 | 500 | 661 |
| 900 | 4026 | 330 | 1115/1075 | 1050/1020 | 1001/978 | 28/24 | 34/31 | 37.5 | 5 | 1197 | 643 | 655 | 217 | 170 | 577 | 500 | 813 |
| 1000 | 4026 | 410 | 1230/1175 | 1160/1120 | 1112/1078 | 28 | 37/31 | 40 | 5 | 1277 | 722 | 655 | 217 | 170 | 577 | 500 | 1018 |
| 1200 | 4027 | 470 | 1455/1405 | 1380/1340 | 1328/1295 | 32 | 40/34 | 45 | 5 | 1511 | 840 | 748 | 262 | 202 | 664 | 500 | 1501 |

表中有两个数据，分别表示PN10/PN6两种不同压力级的尺寸。
Two dimensions in one column show different pressure grades of PN10 and PN6.

# DB/DC型软密封单偏心手动法兰蝶阀
# DB/DC Type Resilient Seated Single-eccentric Flanged B.V with Gear Operator

1400~2600DC34B2X-10Q 1400~2600DB34B2X-10Q




## 外形尺寸、连接尺寸和重量
## Overall & Connection Dimensions & Weight

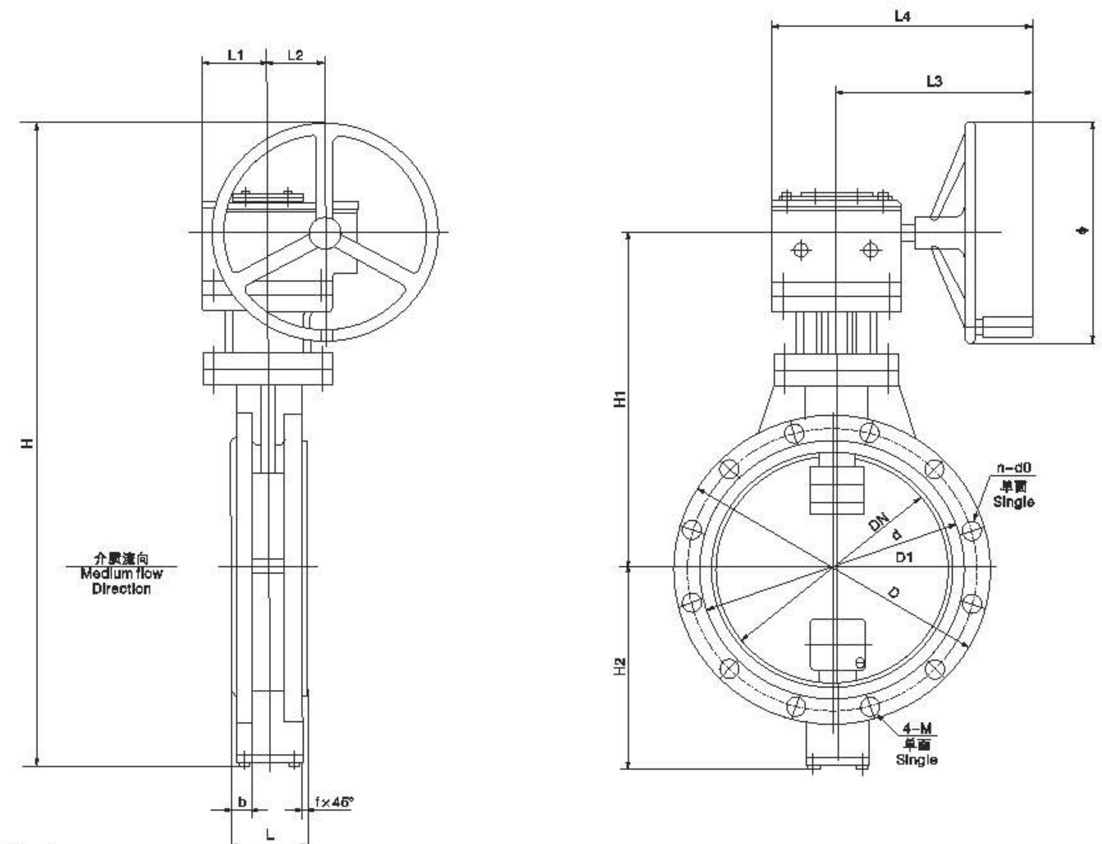
| DN | 传动装置 Gear Operator | D | D1 | d | b | f | n-d0 | L | H1 | H2 | L1 | L2 | L3 | L4 | L5 | ϕ | A | 4-s | B | E | F | h | 重量 Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1400 | 4028 | 1675 | 1590 | 1530 | 46 | 5 | 36-43 | 530 | 1750 | 1150 | 884 | 334 | 305 | 238 | 790 | 500 | 310 | 33 | 1500 | 1360 | 1590 | 960 | 2895 |
| 1600 | 4028 | 1915 | 1820 | 1750 | 49 | 5 | 40-49 | 600 | 1870 | 1305 | 884 | 334 | 305 | 238 | 790 | 500 | 340 | 33 | 1600 | 1460 | 1700 | 1050 | 3655 |
| 1800 | 4028.5 | 2115 | 2020 | 1950 | 52 | 5 | 44-49 | 670 | 2125 | 1425 | 977 | 357.5 | 323 | 281 | 855 | 600 | 450 | 36 | 1900 | 1740 | 1990 | 1200 | 5210 |
| 2000 | 4029 | 2325 | 2230 | 2150 | 55 | 5 | 48-48 | 760 | 2280 | 1580 | 1059 | 397.5 | 345 | 307.5 | 903 | 600 | 480 | 36 | 2000 | 1850 | 2100 | 1323 | 6721 |
| 2200 | 4029.5 | 2550 | 2440 | 2370 | 58 | 5 | 52-56 | 850 | 2520 | 1710 | 1222 | 436 | 437.5 | 365.5 | 1075 | 800 | 400 | 36 | 2030 | 1830 | 2150 | 1410 | 7658 |
| 2400 | 40210 | 2760 | 2650 | 2570 | 62 | 5 | 56-56 | 750 | 2760 | 1880 | 1303 | 476 | 480 | 410.5 | 1191 | 800 | 490 | 45 | 2310 | 2120 | 2460 | 1470 | 10350 |
| 2600 | 40211 | 2960 | 2850 | 2780 | 66 | 5 | 60-56 | 900 | 3120 | 2010 | 1744 | 605 | 612 | 521 | 2024 | 1000 | 650 | 45 | 2400 | 2210 | 2540 | 1650 | 13708 |



# 软密封双偏心短(长)结构手动法兰蝶阀
# Manual soft-sealing Double-eccentric Short(long) body flanged butterfly valve



D34A3X-10 DN200~250 D343X-10 DN100~250



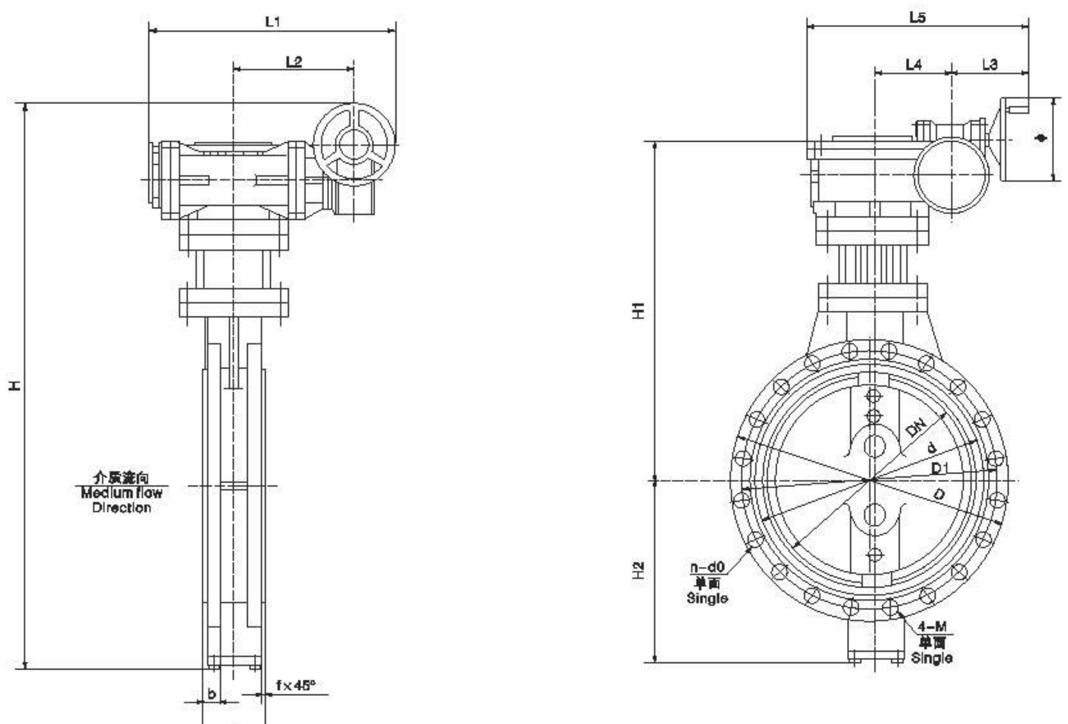

图Fig.1

注：短结构法兰蝶阀侧法兰有四个螺纹孔，如图所示，其余为光孔，长结构法兰蝶阀侧法兰均为光孔。
Note:There are 4 screwed hales on the flange of short body flanged butterfly valve shown as the fig. the others are through holes. Those are all through holes for long body flanged butterfly valve.

## 法兰蝶阀外形，连接尺寸及重量
## Overall & Connection Dimensions & Weight

| 规格 Size DN | 手动装置 Manual Actuator | D | D1 | d | b | f | 短结构 Short body n-do | 短结构 Short body 4-M | 长结构 Long body n-do | H | H1 | H2 | L 短结构 Short body | L 长结构 Long body | L1 | L2 | L3 | L4 | ϕ | 重量Weight(kg) 短结构 Short body | 重量Weight(kg) 长结构 Long body |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100 | 3D-15 | 220 | 180 | 158 | 24 | 3 | - | - | 8-ϕ17.6 | 446 | 234 | 122 | - | 190 | 64 | 48 | 121 | 180 | 180 | - | 25 |
| 150 | 3D-20 | 285 | 240 | 212 | 26 | 3 | - | - | 8-ϕ22 | 521.5 | 279 | 153 | - | 210 | 74 | 58 | 128 | 180 | 180 | - | 37 |
| 200 | 3D-50 | 340 | 295 | 268 | 28 | 3 | 4-ϕ22 | M20 | 8-ϕ22 | 690 | 349 | 216 | 89 | 230 | 80 | 70 | 163 | 250 | 250 | 53 | 63 |
| 250 | 3D-120 | 390 | 350 | 320 | 28 | 4 | 8-ϕ22 | M20 | 12-ϕ22 | 800 | 406 | 219 | 114 | 250 | 98 | 95 | 193 | 350 | 350 | 81 | 94 |

D34A3X-10 DN300~1200　　D343X-10 DN300~1200




图Fig.2

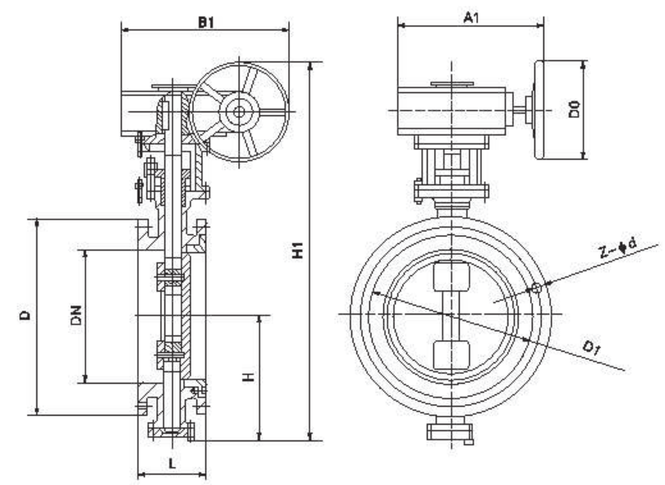
| 规格 Size DN | 手动装置 Manual Actuator | D | D1 | d | b | f | 短结构 Short body | | 长结构 Long body | H | H1 | H2 | L | | L1 | L2 | L3 | L4 | L5 | ϕ | 重量Weight(kg) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | n-d0 | 4-M | n-d0 | | | | 短结构 Short body | 长结构 Long body | | | | | | | 短结构 Short body | 长结构 Long body |
| 300 | 3D-30/250 | 450 | 400 | 370 | 28 | 4 | 8-ϕ22 | M20 | 12-ϕ22 | 959 | 542 | 267 | 114 | 270 | 449 | 178 | 254 | 104 | 473 | 300 | 128 | 148 |
| 350 | 3D-30/250 | 505 | 460 | 430 | 30 | 4 | 12-ϕ22 | M20 | 16-ϕ26 | 1048 | 583 | 315 | 127 | 290 | 449 | 178 | 254 | 104 | 473 | 300 | 156 | 188 |
| 400 | 3D-30/250 | 565 | 515 | 482 | 30 | 4 | 12-ϕ26 | M24 | 16-ϕ26 | 1120 | 620 | 350 | 140 | 310 | 449 | 178 | 254 | 104 | 473 | 300 | 205 | 237 |
| 450 | 3D-30/250 | 615 | 565 | 532 | 34 | 4 | 16-ϕ26 | M24 | 20-ϕ26 | 1190 | 567 | 373 | 152 | 330 | 449 | 178 | 254 | 104 | 473 | 300 | 228 | 265 |
| 500 | 3D-30/400 | 670 | 620 | 585 | 34 | 5 | 16-ϕ26 | M24 | 20-ϕ26 | 1280 | 702 | 428 | 152 | 350 | 486 | 196 | 254 | 130 | 528 | 300 | 242 | 289 |
| 600 | 3D-60/800 | 780 | 725 | 685 | 35 | 5 | 16-ϕ30 | M27 | 20-ϕ30 | 1409 | 759 | 450 | 178 | 390 | 627 | 244 | 245 | 162 | 596 | 400 | 414 | 480 |
| 700 | 3D-60/800 | 895 | 840 | 800 | 40 | 5 | 20-ϕ30 | M27 | 24-ϕ30 | 1613 | 885 | 528 | 229 | 430 | 627 | 244 | 245 | 162 | 596 | 400 | 522 | 615 |
| 800 | 3D-120/1500 | 1015 | 950 | 905 | 44 | 5 | 20-ϕ33 | M30 | 24-ϕ33 | 1736 | 1013 | 573 | 241 | 470 | 635 | 270 | 295 | 196 | 711 | 300 | 689 | 818 |
| 900 | 3D-120/1500 | 1115 | 1050 | 1005 | 44 | 5 | 24-ϕ33 | M30 | 28-ϕ33 | 1860 | 1071 | 639 | 241 | 510 | 635 | 270 | 295 | 196 | 711 | 300 | 804 | 958 |
| 1000 | 3D-120/1500 | 1230 | 1160 | 1110 | 50 | 5 | 24-ϕ36 | M33 | 28-ϕ36 | 2107 | 1234 | 723 | 300 | 550 | 955 | 455 | 296 | 295 | 807 | 300 | 1177 | 1277 |
| 1200 | 3D-120/1500 | 1456 | 1380 | 1330 | 52 | 5 | 28-ϕ39 | M36 | 32-ϕ39 | 2326 | 1343 | 833 | 350 | 630 | 955 | 455 | 296 | 285 | 807 | 300 | 1508 | 1764 |





D373H/F　D343H/F

D373H/F　　D343H/F




## 简介 Brief

1、本产品适用介质范围宽。可用于水、蒸气、油品、空气煤气等介质。
2、本产品适用场合广，如食品、饮料、医药、石化 电厂，钢厂、工业环保水处理高层建筑给排水管路作启闭调节介质流量之用。
3、本产品适用温度宽，-20℃~+425℃。
4、工作压力大耐磨损使用寿命长。
5、密封可靠性好，具有自动定心作用泄漏量小。
6、本产品分为对夹式和法兰式两种连接形式。
7、F四氟密封适用≤160℃。

1、This productis suitable the medium scope to be wide. For example：May use in medium andso on water, vapoor, quality, air coal gas.
2、This product suitable situation's bmad If food the drink the medicine pet rified the power plant the steel mill,the industry environmental protection water treatm ent the high-rise construtiondo for the drain line open shut susing of the control agent currentcapacity.
3、This product is sutable the temperature to be wide.If-20℃-+425℃.
4、Working pressurebig the wearability the service life is long.
5、Seal reliability good has the self-centering functio, Leakage amounls is small.
6、This product divides into to clamps the type and the flange type two kind of connections forms.
7、The F four fluorine seals is suitable≤160℃.

## 主要零部件材料 Meterial of Main Parts

| 名称 Name | 材料 Meterial name |
|---|---|
| 阀体 Valve body | 球铁、铸钢、不锈钢 Nodular cast iron, cast steel and staninless steel |
| 阀板 Valve boatd | 不锈钢、碳钢 Staninless steel、carbon steel |
| 阀杆 Valve pole | 不锈钢 Stanless steel |
| 密封圈 Sealing-circle | 不锈钢圈、聚四氟乙烯 Staninless steel、circless PTFE |
| 填料 Filler | 耐磨橡胶、聚四氟乙烯 Fluorine rubber and PTFE |

## 性能规范 Technical Data

| 公称通径DN(mm) Nominal Diameter | | 10~1000 | | |
|---|---|---|---|---|
| 公称压力PN(MPa) Nominal Pressure | | 1.0 | 1.6 | 2.5 |
| 试验压力 Testing Pressure | 壳体 Shell | 1.5 | 2.4 | 3.75 |
| | 密封 Sealing | 1.1 | 1.76 | 2.75 |
| 介质温度 Working Temperatur | | -20℃~+425℃ | | |
| 适用介质 Suitable Mediums | | 液体或气体状腐蚀性介质 Liquid or gas shape corrosivity medium | | |

## 对夹蝶阀外形及连接尺寸 Overall & Connection Dimensions @ Weight Of Wafer Butterfly valve

D(3、6、9)43(H、F)-(16、25)C.P.R.V

| 公称通径 Nominal diameter DN | 外形尺寸 Overall dimensions | | | | | | | | | | | 连接尺寸 Connection dimensions | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | L | H | D373H | | | D673H | | | D973H | | | PN0.6MPa | | PN1.0MPa | |
| | | | H1 | A1 | B1 | H2 | A2 | B2 | H3 | A3 | B3 | D1 | Z-ϕd | D1 | Z-ϕd |
| 50 | 43 | 112 | 350 | 180 | 200 | 625 | 245 | 72 | 530 | 250 | 255 | 110 | 4-14 | 125 | 4-18 |
| 65 | 46 | 115 | 370 | 180 | 200 | 625 | 245 | 72 | 550 | 250 | 255 | 130 | 4-14 | 145 | 4-18 |
| 80 | 49 | 120 | 380 | 180 | 200 | 645 | 245 | 72 | 565 | 250 | 255 | 150 | 4-14 | 160 | 8-18 |
| 100 | 56 | 138 | 420 | 180 | 200 | 675 | 355 | 92 | 600 | 250 | 255 | 170 | 4-18 | 180 | 8-18 |
| 125 | 64 | 164 | 460 | 180 | 200 | 715 | 355 | 92 | 640 | 250 | 255 | 200 | 8-18 | 210 | 8-18 |
| 150 | 70 | 175 | 555 | 270 | 280 | 800 | 355 | 92 | 705 | 300 | 315 | 225 | 8-18 | 240 | 8-22 |
| 200 | 71 | 208 | 605 | 270 | 280 | 850 | 250 | 170 | 775 | 300 | 315 | 280 | 8-18 | 295 | 8-22 |
| 250 | 76 | 243 | 680 | 270 | 280 | 925 | 250 | 170 | 945 | 300 | 315 | 335 | 12-18 | 350 | 12-22 |
| 300 | 83 | 283 | 800 | 380 | 420 | 1035 | 450 | 220 | 1070 | 300 | 315 | 395 | 12-22 | 400 | 12-22 |
| 350 | 92 | 310 | 835 | 380 | 420 | 1070 | 450 | 220 | 1140 | 300 | 315 | 445 | 12-22 | 460 | 16-22 |
| 400 | 102 | 340 | 915 | 450 | 470 | 1190 | 450 | 280 | 1210 | 300 | 315 | 495 | 16-22 | 515 | 16-26 |
| 450 | 114 | 380 | 960 | 480 | 490 | 1250 | 650 | 280 | 1335 | 575 | 714 | 550 | 16-22 | 565 | 20-26 |
| 500 | 127 | 410 | 1020 | 480 | 490 | 1295 | 650 | 380 | 1415 | 575 | 714 | 600 | 20-22 | 620 | 20-26 |
| 600 | 154 | 470 | 1225 | 480 | 490 | 1455 | 850 | 380 | 1605 | 656 | 810 | 705 | 20-26 | 725 | 20-30 |
| 700 | 165 | 550 | 1355 | 640 | 660 | 1585 | 850 | 380 | 1844 | 656 | 810 | 810 | 24-26 | 840 | 24-30 |
| 800 | 190 | 640 | 1470 | 640 | 660 | 1700 | 1250 | 380 | 2040 | 656 | 810 | 920 | 24-30 | 950 | 24-33 |
| 900 | 203 | 710 | 1545 | 750 | 860 | 1865 | 1250 | 380 | 2255 | 785 | 863 | 1020 | 24-30 | 1050 | 28-33 |
| 1000 | 216 | 770 | 1795 | 850 | 900 | 2015 | 1250 | 380 | 2380 | 785 | 863 | 1120 | 28-30 | 1160 | 28-36 |
| 1200 | 254 | 890 | 1965 | 850 | 900 | | 1250 | 380 | 2640 | 785 | 863 | 1340 | 32-33 | 1380 | 32-39 |

## 对夹蝶阀外形及连接尺寸 Overall & Connection Dimensions @ Weight Of Wafer Butterfly valve

**D(3、6、9)43(H、F)-(16、25)C.P.R.V**

| 公称通径(DN) Nominal Diameter | 外形尺寸 Overall dimensions | | | | | | | | | | | 连接尺寸Connection dimensions | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | L | H | 373H | | | D673H | | | D973H | | | PN1.6MPa | | PN2.5MPa | |
| | | | H1 | A1 | B1 | H2 | A2 | B2 | H3 | A3 | B3 | D1 | Z-Φd | D1 | Z-Φd |
| 50 | 43 | 112 | 350 | 180 | 200 | 605 | 245 | 72 | 530 | 250 | 255 | 125 | 4-18 | 125 | 4-18 |
| 65 | 46 | 115 | 370 | 180 | 200 | 625 | 245 | 72 | 550 | 250 | 255 | 145 | 4-18 | 145 | 8-18 |
| 80 | 49 | 120 | 380 | 180 | 200 | 645 | 355 | 72 | 565 | 250 | 255 | 160 | 8-18 | 160 | 8-18 |
| 100 | 56 | 138 | 420 | 180 | 200 | 675 | 355 | 92 | 600 | 250 | 255 | 180 | 8-18 | 190 | 8-22 |
| 125 | 64 | 164 | 460 | 180 | 200 | 715 | 355 | 92 | 640 | 250 | 255 | 210 | 8-18 | 220 | 8-26 |
| 150 | 70 | 175 | 555 | 270 | 280 | 800 | 355 | 92 | 705 | 300 | 315 | 240 | 8-22 | 250 | 8-26 |
| 200 | 71 | 208 | 605 | 270 | 280 | 850 | 250 | 170 | 775 | 300 | 315 | 295 | 12-22 | 310 | 12-26 |
| 250 | 76 | 243 | 680 | 270 | 280 | 925 | 250 | 170 | 945 | 300 | 315 | 355 | 12-26 | 370 | 12-30 |
| 300 | 83 | 283 | 825 | 380 | 420 | 1035 | 450 | 220 | 1070 | 300 | 315 | 410 | 12-26 | 430 | 16-30 |
| 350 | 92 | 310 | 900 | 380 | 420 | 1070 | 450 | 220 | 1140 | 300 | 315 | 470 | 16-26 | 490 | 16-33 |
| 400 | 102 | 340 | 980 | 450 | 470 | 1190 | 450 | 280 | 1210 | 300 | 315 | 525 | 16-30 | 550 | 16-36 |
| 450 | 114 | 380 | 1030 | 480 | 490 | 1250 | 650 | 280 | 1335 | 575 | 714 | 585 | 20-30 | 600 | 20-36 |
| 500 | 127 | 410 | 1105 | 480 | 490 | 1295 | 650 | 380 | 1415 | 575 | 714 | 650 | 20-33 | 660 | 20-36 |
| 600 | 154 | 470 | 1310 | 480 | 490 | 1455 | 850 | 380 | 1605 | 656 | 810 | 770 | 20-36 | 770 | 20-39 |
| 700 | 165 | 550 | 1435 | 640 | 660 | 1585 | 850 | 380 | 1844 | 656 | 810 | 840 | 24-36 | 875 | 24-42 |
| 800 | 190 | 640 | 1605 | 640 | 660 | 1700 | 1250 | 380 | 2040 | 656 | 810 | 950 | 24-39 | 990 | 24-48 |
| 900 | 203 | 710 | 1745 | 750 | 860 | 1865 | 1250 | 380 | 2255 | 785 | 863 | 1050 | 28-39 | 1090 | 28-48 |
| 1000 | 216 | 770 | 1885 | 850 | 900 | 2015 | 1250 | 380 | 2380 | 785 | 863 | 1170 | 28-42 | 1210 | 28-53 |
| 1200 | 254 | 890 | 2105 | 850 | 900 | | 1250 | 380 | 2640 | 785 | 863 | 1390 | 32-48 | 1420 | 32-56 |

## 对夹蝶阀外形及连接尺寸 Overall & Connection Dimensions @ Weight Of Wafer Butterfly valve

**D(3、6、9)43(H、F)-(6、10)C.P.R.V**

| 公称通径(DN) Nominal Diameter | 外形尺寸 Overall dimensions | | | | | | | | | | | 连接尺寸Connection dimensions | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | L | H | 373H | | | D643H | | | D943H | | | PN1.6MPa | | | PN2.5MPa | | |
| | | | H1 | A1 | B2 | H2 | A2 | B2 | H3 | A3 | B3 | D | D1 | Z-Φd | D | D1 | Z-Φd |
| 50 | 108 | 112 | 350 | 180 | 200 | 605 | 245 | 72 | 530 | 250 | 255 | 140 | 110 | 4-14 | 165 | 125 | 4-18 |
| 65 | 112 | 115 | 370 | 180 | 200 | 625 | 245 | 72 | 550 | 250 | 255 | 160 | 130 | 4-14 | 185 | 145 | 4-18 |
| 80 | 114 | 120 | 380 | 180 | 200 | 645 | 245 | 72 | 565 | 250 | 255 | 190 | 150 | 4-18 | 200 | 160 | 8-18 |
| 100 | 127 | 138 | 420 | 180 | 200 | 675 | 355 | 92 | 600 | 250 | 255 | 210 | 170 | 4-18 | 220 | 180 | 8-18 |
| 125 | 140 | 164 | 460 | 180 | 200 | 715 | 355 | 92 | 640 | 250 | 255 | 240 | 200 | 8-18 | 250 | 210 | 8-18 |
| 150 | 140 | 175 | 555 | 270 | 280 | 800 | 355 | 92 | 705 | 300 | 315 | 265 | 225 | 8-18 | 285 | 240 | 8-22 |
| 200 | 152 | 208 | 605 | 270 | 280 | 850 | 250 | 170 | 775 | 300 | 315 | 320 | 280 | 8-18 | 340 | 295 | 8-22 |
| 250 | 165 | 243 | 680 | 270 | 280 | 925 | 250 | 170 | 945 | 300 | 315 | 375 | 355 | 12-18 | 395 | 350 | 12-22 |
| 300 | 178 | 283 | 800 | 380 | 420 | 1035 | 450 | 220 | 1070 | 300 | 315 | 440 | 395 | 12-22 | 445 | 400 | 12-22 |
| 350 | 190 | 310 | 835 | 380 | 420 | 1070 | 450 | 220 | 1140 | 300 | 315 | 490 | 445 | 12-22 | 505 | 460 | 16-22 |
| 400 | 216 | 340 | 915 | 450 | 470 | 1190 | 450 | 280 | 1210 | 300 | 315 | 540 | 495 | 16-22 | 565 | 515 | 16-26 |
| 450 | 222 | 380 | 960 | 450 | 470 | 1250 | 650 | 280 | 1335 | 575 | 714 | 595 | 550 | 16-22 | 615 | 565 | 20-26 |
| 500 | 229 | 410 | 1020 | 480 | 490 | 1295 | 650 | 280 | 1415 | 575 | 714 | 645 | 600 | 20-22 | 670 | 620 | 20-26 |
| 600 | 267 | 470 | 1225 | 640 | 660 | 1455 | 850 | 380 | 1605 | 656 | 810 | 755 | 705 | 20-26 | 780 | 725 | 20-30 |
| 700 | 292 | 550 | 1355 | 640 | 660 | 1585 | 850 | 380 | 1844 | 656 | 810 | 860 | 810 | 24-26 | 895 | 840 | 24-30 |
| 800 | 318 | 640 | 1470 | 640 | 660 | 1700 | 1250 | 380 | 2040 | 656 | 810 | 975 | 920 | 24-30 | 1015 | 950 | 24-33 |
| 900 | 330 | 710 | 1545 | 850 | 900 | 1865 | 1250 | 380 | 2255 | 785 | 863 | 1075 | 1020 | 24-30 | 1115 | 1050 | 28-33 |
| 1000 | 410 | 770 | 1795 | 850 | 900 | 2015 | 1500 | 580 | 2380 | 785 | 863 | 1175 | 1120 | 28-30 | 1230 | 1160 | 28-36 |
| 1200 | 470 | 890 | 1965 | 850 | 900 | 2226 | 1500 | 580 | 2640 | 785 | 863 | 1405 | 1340 | 32-33 | 1455 | 1380 | 32-39 |
| 1400 | 530 | 920 | 2380 | | | | | | 2886 | | | 1630 | 1560 | 36-33 | 1675 | 1590 | 36-42 |
| 1600 | 600 | 1085 | 2956 | | | | | | 3156 | | | 1820 | 1760 | 40-33 | 1915 | 1820 | 40-54 |
| 1800 | 670 | 1230 | 3221 | | | | | | 3421 | | | 2045 | 1970 | 44-42 | 2115 | 2020 | 44-54 |
| 2000 | 760 | 1350 | 3485 | | | | | | 3685 | | | 2265 | 2180 | 48-48 | 2325 | 2230 | 44-54 |

## 对夹蝶阀外形及连接尺寸 Overall & Connection Dimensions @ Weight Of Wafer Butterfly valve

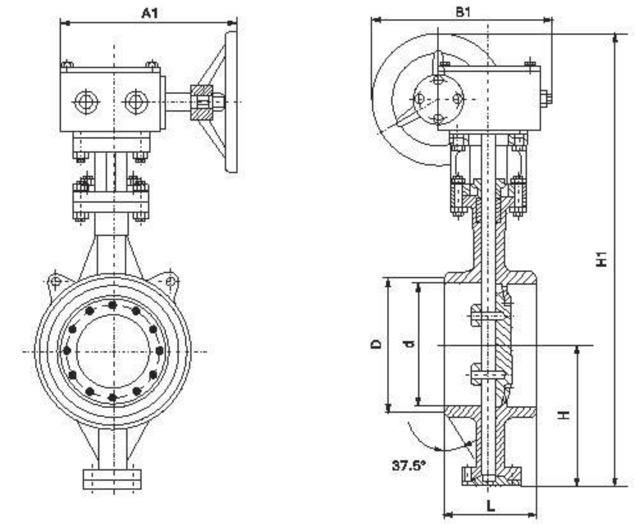
**D(3、6、9)43(H、F)-(16、25)C.P.R.V**

| 公称通径(DN) Nominal Diameter | 外形尺寸 Overall dimensions | | | | | | | | | | | 连接尺寸Connection dimensions | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | L | H | 373H | | | D643H | | | D943H | | | PN1.6MPa | | | PN2.5MPa | | |
| | | | H1 | A1 | B1 | H2 | A2 | B2 | H3 | A3 | B3 | D | D1 | Z-Φd | D | D1 | Z-Φd |
| 50 | 108 | 112 | 350 | 180 | 200 | 605 | 245 | 72 | 530 | 250 | 165 | 165 | 125 | 4-18 | 165 | 125 | 4-18 |
| 65 | 112 | 115 | 370 | 180 | 200 | 625 | 245 | 72 | 550 | 250 | 185 | 185 | 145 | 4-18 | 185 | 145 | 8-18 |
| 80 | 114 | 120 | 380 | 180 | 200 | 645 | 350 | 92 | 565 | 250 | 200 | 200 | 160 | 8-18 | 200 | 160 | 8-18 |
| 100 | 127 | 138 | 420 | 180 | 200 | 670 | 350 | 92 | 600 | 250 | 220 | 220 | 180 | 8-18 | 235 | 190 | 8-22 |
| 125 | 140 | 165 | 460 | 180 | 200 | 715 | 350 | 92 | 640 | 250 | 250 | 250 | 210 | 8-18 | 270 | 220 | 8-26 |
| 150 | 140 | 175 | 555 | 270 | 280 | 800 | 550 | 138 | 705 | 300 | 315 | 285 | 240 | 8-22 | 300 | 250 | 8-26 |
| 200 | 152 | 208 | 605 | 270 | 280 | 850 | 250 | 170 | 775 | 300 | 315 | 340 | 295 | 12-22 | 360 | 310 | 12-26 |
| 250 | 165 | 243 | 680 | 270 | 280 | 925 | 250 | 170 | 945 | 300 | 315 | 405 | 355 | 12-26 | 425 | 370 | 12-30 |
| 300 | 178 | 263 | 800 | 380 | 420 | 1035 | 450 | 220 | 1070 | 300 | 315 | 460 | 410 | 12-26 | 485 | 430 | 16-30 |
| 350 | 190 | 310 | 835 | 380 | 420 | 1070 | 450 | 220 | 1140 | 300 | 315 | 520 | 470 | 16-26 | 555 | 490 | 16-33 |
| 400 | 216 | 340 | 915 | 450 | 470 | 1190 | 650 | 280 | 1210 | 300 | 315 | 580 | 525 | 16-30 | 620 | 550 | 16-36 |
| 450 | 222 | 380 | 960 | 450 | 470 | 1250 | 650 | 280 | 1335 | 575 | 315 | 640 | 585 | 20-30 | 670 | 600 | 20-36 |
| 500 | 229 | 410 | 1020 | 480 | 490 | 1295 | 850 | 380 | 1415 | 575 | 714 | 710 | 650 | 20-33 | 730 | 660 | 20-36 |
| 600 | 267 | 470 | 1225 | 640 | 660 | 1455 | 850 | 380 | 1605 | 656 | 714 | 840 | 770 | 20-36 | 845 | 770 | 20-39 |
| 700 | 292 | 550 | 1355 | 640 | 660 | 1585 | 1250 | 380 | 1844 | 656 | 810 | 910 | 840 | 24-36 | 960 | 875 | 24-42 |
| 800 | 318 | 640 | 1470 | 640 | 660 | 1700 | 1250 | 380 | 2044 | 656 | 810 | 1025 | 950 | 24-39 | 1085 | 990 | 24-48 |
| 900 | 330 | 710 | 1545 | 850 | 900 | 1865 | 1250 | 380 | 2255 | 785 | 863 | 1125 | 1050 | 28-39 | 1185 | 1090 | 28-48 |
| 1000 | 410 | 770 | 1795 | 850 | 900 | 2015 | 1500 | 580 | 2380 | 785 | 863 | 1255 | 1170 | 28-42 | 1320 | 1210 | 28-56 |
| 1200 | 470 | 890 | 1965 | 850 | 900 | | | | 2640 | 785 | 863 | 1485 | 1390 | 32-48 | 1530 | 1420 | 32-56 |





DT363H-10/16




## 主要外形和连接尺寸 Main external and connection dimension

单位Unit: mm

| 公称压力Nominal pressure | | | | | PN1.6MPa | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 通径Diameter | | 外形尺寸(参考值) External dimension(consult) | | | | | | | 参考重量(kg) Consult weight |
| 毫米mm | 英寸Inch | L | D | d | H | H1 | A | B | |
| 80 | 3 | 180 | 90 | 78 | 90 | 356 | 180 | 200 | 27 |
| 100 | 4 | 190 | 110 | 96 | 100 | 375 | 180 | 200 | 34 |
| 125 | 5 | 200 | 135 | 121 | 113 | 401 | 180 | 200 | 41 |
| 150 | 6 | 210 | 161 | 146 | 130 | 450 | 270 | 280 | 43 |
| 200 | 8 | 230 | 222 | 202 | 205 | 545 | 400 | 425 | 81 |
| 250 | 10 | 250 | 278 | 254 | 235 | 630 | 400 | 425 | 102 |
| 300 | 12 | 270 | 330 | 303 | 275 | 715 | 450 | 560 | 132 |
| 350 | 14 | 290 | 382 | 351 | 309 | 817 | 450 | 560 | 164 |
| 400 | 16 | 310 | 432 | 398 | 346 | 923 | 535 | 580 | 193 |
| 450 | 18 | 330 | 484 | 450 | 392 | 1059 | 535 | 580 | 238 |
| 500 | 20 | 350 | 535 | 501 | 427 | 1126 | 535 | 580 | 302 |

| 公称压力Nominal pressure | | | | | PN1.6MPa | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 通径Diameter | | 外形尺寸(参考值) External dimension(consult) | | | | | | | 参考重量(kg) Consult weight |
| 毫米mm | 英寸Inch | L | D | d | H | H1 | A | B | |
| 600 | 24 | 390 | 636 | 602 | 509 | 1369 | 570 | 660 | 457 |
| 700 | 28 | 430 | 726 | 692 | 572 | 1492 | 750 | 550 | 810 |
| 800 | 32 | 470 | 826 | 792 | 638 | 1622 | 750 | 550 | 1093 |
| 900 | 36 | 510 | 926 | 892 | 700 | 1924 | 750 | 550 | 1410 |
| 1000 | 40 | 550 | 1028 | 992 | 765 | 2054 | 900 | 750 | 1870 |
| 1200 | 48 | 630 | 1228 | 1192 | 860 | 2259 | 1000 | 925 | 2082 |
| 1400 | 56 | 710 | 1428 | 1392 | 986 | 2610 | 1000 | 925 | 2850 |
| 1600 | 64 | 790 | 1628 | 1592 | 1106 | 2856 | 1000 | 925 | 4235 |
| 1800 | 72 | 870 | 1828 | 1792 | 1226 | 3121 | 1100 | 980 | 5346 |
| 2000 | 80 | 950 | 2028 | 1992 | 1345 | 3385 | 1100 | 980 | 7328 |

| 公称压力Nominal pressure | | | | | PN2.5MPa | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 通径Diameter | | 外形尺寸(参考值) External dimension(consult) | | | | | | | 参考重量(kg) Consult weight |
| 毫米mm | 英寸Inch | L | D | d | H | H1 | A | B | |
| 80 | 3 | 180 | 90 | 78 | 90 | 356 | 180 | 200 | 38 |
| 100 | 4 | 190 | 110 | 96 | 106 | 387 | 180 | 200 | 40 |
| 125 | 5 | 200 | 135 | 121 | 122 | 413 | 180 | 200 | 60 |
| 150 | 6 | 210 | 161 | 146 | 136 | 459 | 270 | 280 | 65 |
| 200 | 8 | 230 | 222 | 202 | 215 | 585 | 400 | 425 | 85 |
| 250 | 10 | 250 | 278 | 254 | 247 | 649 | 400 | 425 | 135 |
| 300 | 12 | 270 | 330 | 303 | 288 | 771 | 450 | 560 | 175 |
| 350 | 14 | 290 | 382 | 351 | 333 | 929 | 450 | 560 | 195 |
| 400 | 16 | 310 | 432 | 398 | 359 | 993 | 535 | 580 | 295 |
| 450 | 18 | 330 | 484 | 450 | 405 | 1053 | 535 | 580 | 350 |
| 500 | 20 | 350 | 535 | 501 | 444 | 1245 | 535 | 580 | 510 |
| 600 | 24 | 390 | 636 | 602 | 521 | 1750 | 570 | 660 | 625 |
| 700 | 28 | 430 | 726 | 692 | 586 | 1519 | 750 | 550 | 925 |
| 800 | 32 | 470 | 826 | 792 | 659 | 1659 | 750 | 550 | 1260 |
| 900 | 36 | 510 | 926 | 892 | 720 | 1829 | 750 | 550 | 1790 |
| 1000 | 40 | 550 | 1028 | 992 | 780 | 1949 | 900 | 750 | 1940 |
| 1200 | 48 | 630 | 1228 | 1192 | 889 | 2243 | 1000 | 925 | 2810 |
| 1400 | 56 | 710 | 1428 | 1392 | 1000 | 2462 | 1000 | 925 | 3500 |

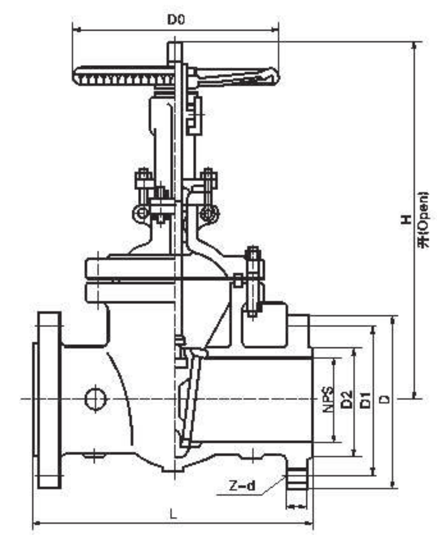
| 公称压力Nominal pressure | | | | | PN4.0MPa | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 通径Diameter | | 外形尺寸(参考值) External dimension(consult) | | | | | | | 参考重量(kg) Consult weight |
| 毫米mm | 英寸Inch | L | D | d | H | H1 | A | B | |
| 80 | 3 | 180 | 90 | 78 | 108 | 430 | 180 | 200 | 39 |
| 100 | 4 | 190 | 110 | 96 | 108 | 392 | 180 | 200 | 50 |
| 125 | 5 | 200 | 135 | 120 | 120 | 414 | 180 | 200 | 75 |
| 150 | 6 | 210 | 161 | 145 | 135 | 494 | 270 | 280 | 100 |
| 200 | 8 | 230 | 222 | 200 | 202 | 578 | 400 | 425 | 135 |
| 250 | 10 | 250 | 278 | 252 | 235 | 673 | 400 | 425 | 190 |
| 300 | 12 | 270 | 330 | 301 | 280 | 793 | 450 | 560 | 240 |
| 350 | 14 | 290 | 382 | 351 | 315 | 921 | 450 | 560 | 320 |
| 400 | 16 | 310 | 432 | 398 | 355 | 1021 | 535 | 580 | 450 |
| 450 | 18 | 330 | 484 | 448 | 370 | 1143 | 535 | 580 | 500 |
| 500 | 20 | 350 | 535 | 495 | 420 | 1192 | 535 | 580 | 560 |
| 600 | 24 | 390 | 636 | 595 | 490 | 1327 | 570 | 660 | 720 |

# Tianjin KXC Metal Products Co., Ltd.



## HIGH COST PERFORMANCE VALVE SUPPLIER

## 闸阀系列 Gate Valves Series




### 产品执行标准Production enforce standard

| 设计与制造 Desing And Manutacture | 结构长度 Face to face/ End to end | 法兰尺寸 Flange Dimension | 对焊连接尺寸 Butt welding dimension | 压力～温度 Pressure Temperature Lating | 试验～检验 Inspection and test |
|---|---|---|---|---|---|
| API60 | ANSI B16.10 | ANSI B16.5 | ANSI B16.25 | ANSI B16.34 | API598 |

### 产品性能规范Chief property and specification

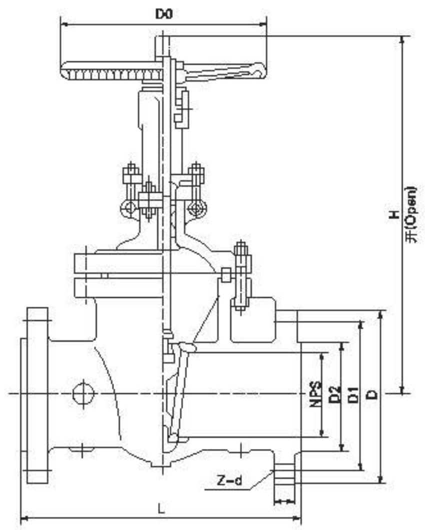
| 公称压力（Lb） Nominal Pressore | 强度试验Shell test | | 水密封试验Water seal test | | 气密封试验Air seal test | |
|---|---|---|---|---|---|---|
| | Mpa | Lbf/in² | Mpa | Lbf/in² | Mpa | Lbf/in² |
| 150 | 3.1 | 450 | 2.2 | 315 | 0.5～0.7 | 60～100 |
| 300 | 7.8 | 1125 | 5.6 | 815 | | |
| 600 | 15.3 | 2225 | 11.2 | 1630 | | |
| 900 | 23.1 | 3350 | 16.8 | 2440 | | |
| 1500 | 38.4 | 5575 | 28.1 | 4080 | | |
| 2500 | 64.6 | 9367 | 47.4 | 6873 | | |

### 主要零件材料及性能 Main part materials and property

| 体、盖、瓣 Body Cover disc | 阀杆 Stem | 密封面 Sealing Face | 垫片（环） Sealing shim | 填料 Packing | 工作温度（℃） Working temperature | 适用介质 Suitable medium |
|---|---|---|---|---|---|---|
| WCB | 2Cr13 | 13Cr STL 本体材料 With bodymater rial PTFE 尼龙 Nylon | 增强柔性石墨 13Cr/柔性石墨 Enhanced Flexible 1Cr13/Flexible graphite SFB-2 08软钢 08Soft steel F304 F316 F304L F316L | 柔性石墨 增强柔性石墨 Flesible graphite enhanced flexible graphite SFB/260 SFP/260 PTFE | ≤425 | 水、蒸气、油品 Water Steam Petroleum Products |
| WC1 | 38CrMoAl 25Cr2Mov | | | | ≤450 | |
| WC6 | | | | | ≤540 | |
| WC9 | | | | | ≤570 | |
| C5 C12 | | | | | ≤540 | |
| CF8 | F304 | | | | ≤600 | 硝酸、醋酸、尿素 Nitric acid Aceic acid |
| CF3 | F316 | | | | | |
| CF8M | F304L | | | | | |
| CF3M | F316L | | | | | |

API闸阀 API Gate Valves

Class-150Lb~600Lb




## 主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

| 磅级 Class | 规格 in | 通径 DN | 单位 Unit | L | H(全开) OPEN | D | D1 | D2 | b | Z-Φd | D0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 150Lb | 2 | 50 | in | 7.00 | 16.10 | 6.00 | 4.75 | 3.62 | 0.75 | 4-0.75 | 8.00 |
| | | | mm | 178 | 409 | 152 | 120.5 | 92 | 19.1 | 4-19 | 200 |
| | 3 | 80 | in | 8.00 | 20.00 | 7.50 | 6.00 | 5.00 | 0.94 | 4-0.75 | 10.00 |
| | | | mm | 203 | 570 | 90 | 152.5 | 127 | 23.9 | 4-19 | 250 |
| | 4 | 100 | in | 9.00 | 23.20 | 9.00 | 7.50 | 6.19 | 0.94 | 8-0.75 | 10.00 |
| | | | mm | 229 | 590 | 229 | 190.5 | 157 | 23.9 | 8-19 | 250 |
| | 6 | 150 | in | 10.50 | 24.80 | 11.00 | 950 | 8.50 | 1.00 | 8-0.88 | 12.00 |
| | | | mm | 267 | 630 | 279 | 241.5 | 216 | 25.4 | 8-22 | 300 |
| | 8 | 200 | in | 11.50 | 37.80 | 13.50 | 11.75 | 10.62 | 1212 | 8-0.88 | 3.88 |
| | | | mm | 292 | 960 | 343 | 298.5 | 270 | 28.5 | 8-22 | 350 |
| | 10 | 250 | in | 13.00 | 45.60 | 16.00 | 14.25 | 12.75 | 119 | 12-1.00 | 15.70 |
| | | | mm | 330 | 1158 | 406 | 362 | 324 | 30.2 | 12-25 | 400 |
| | 12 | 300 | in | 14.00 | 54.30 | 19.00 | 17.00 | 15.00 | 1.25 | 12-1.00 | 17.70 |
| | | | mm | 356 | 1378 | 483 | 432 | 381 | 31.8 | 12-25 | 450 |
| | 14 | 350 | in | 15.00 | 60.75 | 21.00 | 18.75 | 16.25 | 1.38 | 12-1.12 | 19.70 |
| | | | mm | 381 | 1543 | 533 | 476.5 | 413 | 35 | 12-29 | 50 |
| | 16 | 400 | in | 16.00 | 68.40 | 23.50 | 21.25 | 18.50 | 1.44 | 16-1.12 | 23.6 |
| | | | mm | 406 | 1738 | 597 | 539.5 | 470 | 36.6 | 16-29 | 600 |
| | 18 | 450 | in | 17.00 | 74.10 | 25.00 | 22.75 | 21.00 | 1.56 | 16-1.25 | 23.60 |
| | | | mm | 432 | 1959 | 635 | 578 | 533 | 39.7 | 16-32 | 600 |
| | 20 | 500 | in | 18.00 | 87.20 | 27.50 | 25.00 | 23.00 | 1.69 | 20-1.25 | 26.80 |
| | | | mm | 457 | 2214 | 698 | 635 | 584 | 42.9 | 20-32 | 680 |
| | 24 | 600 | in | 20.00 | 102.3 | 32.00 | 29.50 | 27.25 | 1.88 | 20-1.38 | 29.90 |
| | | | mm | 508 | 2599 | 813 | 749.5 | 692 | 47.7 | 20-35 | 760 |
| | 30 | 750 | in | 24.00 | 125.3 | 38.75 | 36.00 | 33.75 | 2.94 | 28-1.38 | 36.00 |
| | | | mm | 610 | 3183 | 985 | 914 | 857 | 74.5 | 28-35 | 915 |
| | 36 | 900 | in | 28.00 | 147.00 | 46.00 | 42.75 | 40.25 | 3.56 | 32-1.62 | 36.00 |
| | | | mm | 711 | 3737 | 1170 | 1086 | 1022 | 90.5 | 32.41 | 915 |

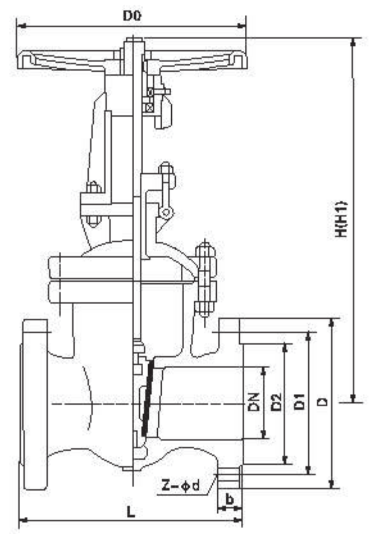
Class-150Lb~600Lb

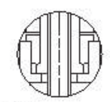
## 主要外形和连接尺寸Main External and Connection Dimension

单位Unit:mm

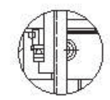
| 磅级 Class | 规格 in | 通径 DN | 单位 Unit | L | H(全开) OPEN | D | D1 | D2 | b | Z-Φd | D0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 300Lb | 2 | 50 | in | 8.50 | 16.70 | 6.5 | 5.00 | 3.62 | 0.88 | 8-0.75 | 8.0 |
| | | | mm | 216 | 424 | 165 | 127 | 92 | 22.3 | 8-19 | 200 |
| | 3 | 80 | in | 11.15 | 21.00 | 8.25 | 6.62 | 5.00 | 1.12 | 8-0.88 | 10 |
| | | | mm | 283 | 535 | 210 | 168 | 127 | 28.5 | 8-22 | 250 |
| | 4 | 100 | in | 12.00 | 24.20 | 10.0 | 7.88 | 6.19 | 1.25 | 8-0.88 | 10 |
| | | | mm | 305 | 615 | 254 | 200 | 157 | 31.8 | 8-22 | 250 |
| | 6 | 150 | in | 15.87 | 31.30 | 12.50 | 10.62 | 8.5 | 1.44 | 8-0.88 | 14 |
| | | | mm | 403 | 795 | 318 | 270 | 216 | 36.6 | 12-22 | 350 |
| | 8 | 200 | in | 16.50 | 39.90 | 15.0 | 13.0 | 10.62 | 1.62 | 12-1.0 | 15.7 |
| | | | mm | 419 | 1012 | 381 | 330 | 270 | 41.3 | 12-25 | 400 |
| | 10 | 250 | in | 18.00 | 48.540 | 17.50 | 15.25 | 12.75 | 1.88 | 16-1.12 | 17.7 |
| | | | mm | 457 | 1231 | 444 | 387.5 | 324 | 47.7 | 16-29 | 450 |
| | 12 | 300 | In | 19.75 | 57.0 | 20.50 | 17.75 | 15.00 | 2.00 | 16-1.25 | 19.7 |
| | | | mm | 502 | 1450 | 521 | 451 | 381 | 50.8 | 16-32 | 500 |
| | 14 | 350 | In | 30.00 | 64.8 | 23.00 | 20.25 | 16.25 | 2.12 | 20-1.25 | 23.6 |
| | | | mm | 762 | 1645 | 584 | 514.5 | 413 | 54.0 | 20-32 | 600 |
| | 16 | 400 | in | 33.00 | 72.50 | 25.50 | 20.25 | 18.50 | 2.25 | 20-1.38 | 23.6 |
| | | | mm | 838 | 1814 | 648 | 571.5 | 470 | 57.2 | 20-35 | 600 |
| | 18 | 450 | in | 36.00 | 76.50 | 28.00 | 24.75 | 21.00 | 2.38 | 24-1.38 | 26.8 |
| | | | mm | 914 | 1943 | 711 | 628.5 | 533 | 60.4 | 24-35 | 680 |
| | 20 | 500 | in | 39.00 | 84.80 | 30.50 | 27.0 | 23.0 | 2.50 | 24-1.38 | 38 |
| | | | mm | 991 | 2154 | 775 | 686 | 584 | 63.5 | 24-35 | 760 |
| | 24 | 600 | in | 45.00 | 100.50 | 36.0 | 32.0 | 27.25 | 2.75 | 24- 1.62 | 36 |
| | | | mm | 1143 | 2553 | 914 | 813 | 692 | 69.9 | 24-41 | 915 |

| 磅级 Class | 规格 in | 通径 DN | 单位 Unit | L | H(全开) OPEN | D | D1 | D2 | b | Z-Φd | D0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 600Lb | 2 | 50 | In | 11.50 | 18 | 6.5 | 5.00 | 3.62 | 1.0 | 8-0.75 | 10 |
| | | | mm | 292 | 458 | 165 | 127 | 92 | 25.4 | 8-19 | 250 |
| | 3 | 80 | in | 14.00 | 22.50 | 8.25 | 6.62 | 5.00 | 1.25 | 8-0.88 | 10 |
| | | | mm | 356 | 570 | 210 | 168 | 127 | 31.8 | 8-22 | 250 |
| | 4 | 100 | in | 17.00 | 27.2 | 10.75 | 8.50 | 6.19 | 1.5 | 8-1.0 | 14 |
| | | | mm | 432 | 390 | 273 | 216 | 157 | 38.1 | 8-25 | 350 |
| | 6 | 150 | in | 22 | 35.8 | 14 | 11.50 | 8.50 | 1.88 | 12-1.12 | 18 |
| | | | mm | 559 | 910 | 356 | 292 | 216 | 47.7 | 12-29 | 450 |
| | 8 | 200 | in | 26.00 | 41.9 | 16.5 | 13.75 | 10.62 | 2.19 | 12-1.25 | 19.7 |
| | | | mm | 600 | 1064 | 419 | 349 | 270 | 55.6 | 12-32 | 500 |
| | 10 | 250 | in | 31.00 | 49.5 | 20 | 17.00 | 12.75 | 2.5 | 16-1.38 | 23.6 |
| | | | mm | 787 | 1257 | 508 | 432 | 324 | 63.5 | 16-35 | 600 |
| | 12 | 300 | in | 33 | 57.8 | 22 | 19.25 | 15.00 | 2.62 | 20-1.38 | 26.8 |
| | | | mm | 838 | 1468 | 559 | 489 | 381 | 66.7 | 20-35 | 680 |
| | 14 | 350 | in | 35 | 63.9 | 23.75 | 20.75 | 16.25 | 2.75 | 20-1.50 | 26.9 |
| | | | mm | 889 | 1623 | 603 | 527 | 413 | 69.9 | 20-38 | 760 |
| | 16 | 400 | in | 39 | 71.5 | 27 | 23.75 | 18.50 | 3.0 | 20-1.62 | 26.9 |
| | | | mm | 991 | 1816 | 686 | 603 | 470 | 76.2 | 20-41 | 760 |
| | 18 | 450 | in | 43 | 82.7 | 29.25 | 25.75 | 21.00 | 3.25 | 20-10.75 | 36 |
| | | | mm | 1092 | 21.00 | 743 | 654 | 533 | 82.6 | 20-45 | 91.5 |
| | 20 | 500 | in | 47 | 88.6 | 32 | 28.5 | 23.00 | 3.5 | 24-1.75 | 37.4 |
| | | | mm | 1194 | 2250 | 813 | 724 | 584 | 88.9 | 24-45 | 950 |
| | 24 | 600 | in | 55 | 107.5 | 37 | 33.0 | 27.25 | 4.0 | 24-2.0 | 39.4 |
| | | | mm | 1397 | 2730 | 940 | 838 | 692 | 102 | 24-51 | 1000 |

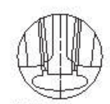


DN40~100



DN150~200



DN40~80

## 产品执行标准Production enforce standard

| 产品规范 Product specification | 设计规范 Design spec | 结构长度 Face to face | 连接法兰 Flange end | 试验与检验 Test & check | 压力-温度 Pressure-temp | 产品标识 Marking |
|---|---|---|---|---|---|---|
| | GB/T12234 | JB/T7746 | JB/T79 | GB/T13927-92 | GB/T9131 | GB/T12220 |

## 产品性能规范Chief property and specification

1、试验压力 Test pressure

| 公称压力 PN(MPa) Nominal pressure | 壳体 Shell | 试验压力(MPa) Test pressure | | 上密封 Back seat |
|---|---|---|---|---|
| | | 密封(液)Seal | 密封(气)Seal | |
| 1.6 | 2.4 | 1.8 | 0.6 | 1.8 |
| 2.5 | 3.8 | 2.8 | 0.6 | 2.8 |
| 4.0 | 6.0 | 4.4 | 0.6 | 4.4 |
| 6.4 | 9.6 | 7.0 | 0.6 | 7.0 |
| 10.0 | 15.0 | 11.0 | 0.6 | 11.0 |
| 16.0 | 24.0 | 18.0 | 0.6 | 18.0 |

2、适用介质及适用温度
Applicable medium＆Applicabletemperature

| 壳体材料 Shell material | 适用介质 Applicable medium | 适用温度℃ Applicable temperature |
|---|---|---|
| 碳素钢(C型) | 水、蒸汽、油品 Water,steam,oil goods | ≤425 |
| 铬镍钛钢(P型) | 硝酸类 Nitric acid | ≤200 |
| 铬镍钼钛钢(R型) | 醋酸类 Acetic acid | ≤200 |
| 铬钼钢(I型) | 水、蒸汽、油品 Water,steam,oil goods | ≤550 |

## 主要零件材料Material for main parts

| 阀体、阀盖 Body bonnet | 阀板、阀座 Wedge disc,seat ring | 阀杆 Stem | 阀杆螺母 Yoke nut | 填料Packing | 手轮 Hand wheel |
|---|---|---|---|---|---|
| 碳素钢 Carburizing steel | 优质碳钢+硬质合金或不锈钢 High-grade carbon steel+ carbide alloy or stainless steel | 铬不锈钢 Cr.stainless steel | 铝青铅 Al bronze | 石墨石棉盘根 Graphite.asbestos coils | 可锻铸铁 Foraeable cast-iron |
| 铬镍钛钢 Cr.Ni,steel | 不锈钢、不锈钢+硬质合金 Stainless steel or+carbide alloy | 铬镍钛不锈钢 Cr.Ni.Ti stainless steel | 铝青铅 Al bronze | 浸聚四氟乙烯 Dipping polytetrafluo -roethylene | 可锻铸铁 Foraeable cast-iron |
| 铬镍铜钛钢 Cr,Ni.Mo.Ti steel | 不锈钢、不锈钢+硬质合金 Stainless steel or+carbide alloy | 铬镍钼钛不锈钢 Cr.Ni.Ti stainless steel | 铝青铅 Al bronze | 烯石棉盘根 Asbestos coil | 可锻铸铁 Foraeable cast-iron |
| 铬钼钢 Cr,Mo steel | 合金钢+硬质合金 Alloy steel+carbide alloy | 铬钼铝钢 Cr.Mo Ai steel | 铝青铅 Al bronze | 柔性石墨 Flexible graphite | 可锻铸铁 Foraeable cast-iron |





## 主要外形和连接尺寸Main External and Connection Dimension

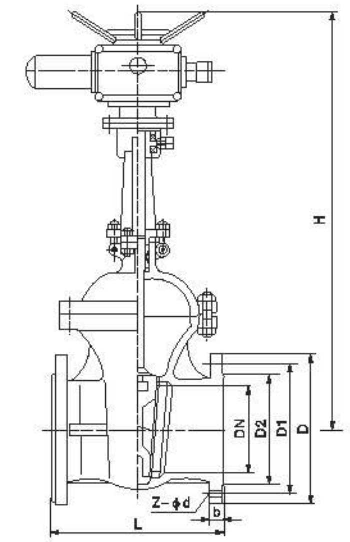
单位Unit:mm

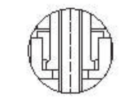
| 公称通径 DN | 主要外形尺寸和连接尺寸（mm）Main external and connecting dimensions | | | | | | | | | | WT (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | L | D | D1 | D2 | b | f | Z-d | H | H1 | Do | |
| Z40H/Z41Y-16 | Z40/Z41Y-16P | Z40/Z41Y-16R | Z40/Z41W-16P | Z40/Z41W-16R | Z40/Z41Y-16I | (KZ41Y) | | | | | |
| 15 | 130 | 95 | 65 | 45 | 14 | 2 | 4-14 | 220 | 240 | 120 | 4 |
| 20 | 150 | 105 | 75 | 55 | 14 | 2 | 4-14 | 255 | 284 | 140 | 5 |
| 25 | 160 | 115 | 85 | 65 | 14 | 2 | 4-14 | 275 | 303 | 160 | 6 |
| 32 | 180 | 135 | 100 | 78 | 16 | 2 | 4-18 | 280 | 321 | 180 | 7 |
| 40 | 200 | 145 | 110 | 85 | 16 | 3 | 4-18 | 300 | 352 | 200 | 18 |
| 50 | 250 | 160 | 125 | 100 | 16 | 3 | 4-18 | 358 | 438 | 240 | 29 |
| 65 | 265 | 180 | 145 | 120 | 18 | 3 | 4-18 | 375 | 450 | 240 | 33 |
| 80 | 280 | 195 | 160 | 135 | 20 | 3 | 8-18 | 438 | 528 | 280 | 46 |
| 100 | 300 | 215 | 180 | 155 | 20 | 3 | 8-18 | 502 | 620 | 320 | 63 |
| 125 | 325 | 245 | 210 | 185 | 22 | 3 | 8-18 | 612 | 753 | 360 | 108 |
| 150 | 350 | 280 | 240 | 210 | 24 | 3 | 8-23 | 676 | 847 | 360 | 134 |
| 200 | 400 | 335 | 295 | 265 | 26 | 3 | 12-23 | 820 | 1039 | 400 | 192 |
| 250 | 450 | 405 | 355 | 320 | 30 | 3 | 12-25 | 969 | 1245 | 450 | 273 |
| 300 | 500 | 460 | 410 | 375 | 30 | 3 | 12-25 | 1142 | 1472 | 560 | 379 |
| 350 | 550 | 520 | 470 | 435 | 34 | 4 | 16-25 | 1280 | 1450 | 640 | 590 |
| 400 | 600 | 580 | 525 | 485 | 36 | 4 | 16-30 | 1452 | 1887 | 640 | 850 |
| 450 | 650 | 640 | 585 | 545 | 40 | 4 | 20-30 | 1541 | 2011 | 720 | 907 |
| 500 | 700 | 705 | 650 | 608 | 44 | 4 | 20-34 | 1676 | 2181 | 720 | 958 |
| 600 | 800 | 840 | 770 | 718 | 48 | 5 | 20-41 | 1874 | 2346 | 800 | 1112 |
| Z40H/Z41Y-25 | Z40/Z41Y-25P | Z40/Z41Y-25R | Z40/Z41W-25P | Z40/Z41W-25R | Z40/Z41Y-25I | (KZ41Y) | | | | | |
| 15 | 130 | 95 | 65 | 45 | 16 | 2 | 4-14 | 220 | 240 | 120 | 4 |
| 20 | 150 | 105 | 75 | 55 | 16 | 2 | 4-14 | 255 | 284 | 140 | 5 |
| 25 | 160 | 115 | 85 | 65 | 16 | 2 | 4-14 | 275 | 303 | 160 | 6 |
| 32 | 180 | 135 | 100 | 78 | 18 | 2 | 4-18 | 280 | 321 | 180 | 7 |
| 40 | 200 | 145 | 110 | 85 | 18 | 3 | 4-18 | 300 | 352 | 200 | 18 |
| 50 | 250 | 160 | 125 | 100 | 20 | 3 | 4-18 | 358 | 438 | 240 | 28 |
| 65 | 265 | 180 | 145 | 120 | 22 | 3 | 8-18 | 375 | 450 | 240 | 33 |
| 80 | 280 | 195 | 160 | 135 | 22 | 3 | 8-18 | 433 | 528 | 280 | 46 |
| 100 | 300 | 230 | 190 | 160 | 24 | 3 | 8-23 | 502 | 620 | 320 | 64 |
| 125 | 325 | 270 | 220 | 188 | 28 | 3 | 8-25 | 612 | 753 | 360 | 116 |
| 150 | 350 | 300 | 250 | 218 | 30 | 3 | 8-25 | 676 | 847 | 360 | 141 |
| 200 | 400 | 360 | 310 | 278 | 34 | 3 | 12-25 | 820 | 1039 | 400 | 213 |
| 250 | 450 | 425 | 370 | 332 | 36 | 3 | 12-30 | 969 | 1245 | 450 | 290 |
| 300 | 500 | 485 | 430 | 390 | 40 | 4 | 16-30 | 1142 | 1472 | 560 | 400 |
| 350 | 550 | 550 | 490 | 448 | 44 | 4 | 16-34 | 1280 | 1450 | 640 | 631 |
| 400 | 600 | 610 | 550 | 505 | 48 | 4 | 16-34 | 1452 | 1887 | 640 | 900 |
| 450 | 650 | 660 | 600 | 555 | 50 | 4 | 20-34 | 1541 | 2011 | 720 | 1013 |
| 500 | 700 | 730 | 660 | 610 | 52 | 4 | 20-41 | 1676 | 2181 | 720 | 1166 |
| 600 | 800 | 840 | 770 | 718 | 56 | 5 | 20-41 | 1874 | 2346 | 800 | 1258 |

## 主要外形和连接尺寸Main External and Connection Dimension

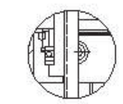
单位Unit:mm

| 公称通径 DN | 主要外形尺寸和连接尺寸（mm）Main external and connecting dimensions | | | | | | | | | | | | WT（kg） |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | L | D | D1 | D2 | D6 | b | f | f2 | Z-d | H | H1 | Do | |
| Z40H/Z41Y-40 | Z40H/Z41Y Y-40P | Z40H/Z41Y Y-40R | Z40H/Z41Y W-40P | Z40H/Z41Y W-40R | Z40H/Z41Y Y-40 | (KZ41Y) | | | | | | | |
| 20 | 150 | 105 | 75 | 55 | 51 | 16 | 2 | 4 | 4-14 | 256 | 285 | 140 | 8 |
| 25 | 160 | 115 | 85 | 95 | 58 | 16 | 2 | 4 | 4-14 | 275 | 305 | 160 | 9.3 |
| 32 | 180 | 135 | 100 | 78 | 66 | 18 | 2 | 4 | 4-18 | 287 | 322 | 180 | 12 |
| 40 | 200 | 145 | 110 | 85 | 76 | 18 | 3 | 4 | 4-18 | 323 | 369 | 200 | 16.5 |
| 50 | 250 | 160 | 125 | 100 | 88 | 20 | 3 | 4 | 4-18 | 372 | 440 | 280 | 29 |
| 65 | 280 | 180 | 145 | 120 | 110 | 22 | 3 | 4 | 8-18 | 395 | 473 | 280 | 39 |
| 80 | 310 | 195 | 160 | 135 | 121 | 22 | 3 | 4 | 8-18 | 457 | 552 | 320 | 52 |
| 100 | 350 | 230 | 190 | 160 | 150 | 24 | 3 | 4.5 | 8-23 | 552 | 671 | 360 | 80 |
| 125 | 400 | 270 | 220 | 188 | 176 | 28 | 3 | 4.5 | 8-25 | 634 | 726 | 400 | 127 |
| 150 | 450 | 300 | 250 | 218 | 204 | 30 | 3 | 4.5 | 8-25 | 708 | 883 | 400 | 154 |
| 200 | 550 | 375 | 320 | 282 | 260 | 38 | 3 | 4.5 | 12-30 | 858 | 1086 | 450 | 263 |
| 250 | 650 | 445 | 385 | 345 | 313 | 42 | 3 | 4.5 | 12-34 | 1015 | 1298 | 560 | 368 |
| 300 | 750 | 510 | 450 | 408 | 364 | 46 | 4 | 4.5 | 16-34 | 1203 | 1535 | 640 | 547 |
| 350 | 850 | 570 | 510 | 465 | 422 | 52 | 4 | 5 | 16-34 | 1341 | 1678 | 640 | 679 |
| 400 | 950 | 665 | 585 | 535 | 474 | 58 | 4 | 5 | 16-41 | 1492 | 1903 | 720 | 953 |
| Z40H/Z41Y-64 | Z40/Z41 Y-64P | Z40/Z41 Y-64R | Z40/Z41 W-64P | Z40/Z41 W-64R | Z40/Z41 Y-64I | (KZ41Y) | | | | | | | |
| 20 | 190 | 125 | 90 | 68 | 51 | 20 | 2 | 4 | 4-18 | 258 | 288 | 180 | 8 |
| 25 | 210 | 135 | 100 | 78 | 58 | 22 | 2 | 4 | 4-18 | 310 | 341 | 200 | 12 |
| 32 | 230 | 150 | 110 | 82 | 66 | 24 | 2 | 4 | 4-23 | 320 | 353 | 200 | 25 |
| 40 | 240 | 165 | 125 | 95 | 76 | 24 | 3 | 4 | 4-23 | 360 | 389 | 240 | 29 |
| 50 | 250 | 175 | 135 | 105 | 88 | 26 | 3 | 4 | 4-23 | 372 | 448 | 280 | 34 |
| 65 | 280 | 200 | 160 | 130 | 110 | 28 | 3 | 4 | 8-23 | 395 | 475 | 280 | 43 |
| 80 | 310 | 210 | 170 | 140 | 121 | 30 | 3 | 4 | 8-23 | 458 | 553 | 320 | 60 |
| 100 | 350 | 250 | 200 | 168 | 150 | 32 | 3 | 4.5 | 8-25 | 553 | 679 | 360 | 89 |
| 125 | 400 | 295 | 240 | 202 | 176 | 36 | 3 | 4.5 | 8-30 | 638 | 779 | 400 | 140 |
| 150 | 450 | 340 | 280 | 240 | 204 | 38 | 3 | 4.5 | 8-34 | 718 | 893 | 450 | 207 |
| 200 | 550 | 405 | 345 | 300 | 260 | 44 | 3 | 4.5 | 12-34 | 873 | 1100 | 560 | 325 |
| 250 | 650 | 470 | 400 | 352 | 313 | 48 | 3 | 4.5 | 12-41 | 1053 | 1332 | 640 | 467 |
| 300 | 750 | 530 | 460 | 412 | 364 | 54 | 4 | 4.5 | 16-41 | 1203 | 1535 | 640 | 590 |
| Z40H/Z41Y-100 | Z40/Z41 Y-100P | Z40/Z41 Y-100R | Z40/Z41 W-100P | Z40/Z41 W-100R | Z40/Z41 Y-100I | (KZ41Y) | | | | | | | |
| 25 | 210 | 135 | 100 | 78 | 58 | 24 | 2 | 4 | 4-18 | 310 | 341 | 200 | 12 |
| 32 | 230 | 150 | 110 | 82 | 66 | 24 | 2 | 4 | 4-18 | 320 | 353 | 240 | 20 |
| 40 | 240 | 165 | 125 | 95 | 76 | 26 | 3 | 4 | 4-23 | 360 | 389 | 280 | 51 |
| 50 | 250 | 195 | 145 | 112 | 88 | 28 | 3 | 4 | 4-23 | 490 | 558 | 360 | 60 |
| 65 | 280 | 220 | 170 | 138 | 110 | 32 | 3 | 4 | 8-25 | 540 | 622 | 400 | 70 |
| 80 | 310 | 230 | 180 | 148 | 121 | 34 | 3 | 4 | 8-25 | 573 | 671 | 400 | 89 |
| 100 | 350 | 265 | 210 | 172 | 150 | 38 | 3 | 4.5 | 8-30 | 575 | 671 | 400 | 130 |
| 125 | 400 | 310 | 250 | 210 | 176 | 42 | 3 | 4.5 | 8-34 | 744 | 892 | 560 | 223 |
| 150 | 450 | 350 | 290 | 250 | 204 | 46 | 3 | 4.5 | 12-34 | 800 | 972 | 560 | 295 |
| 200 | 550 | 430 | 360 | 312 | 260 | 54 | 3 | 4.5 | 12-41 | 800 | 972 | 560 | 559 |
| 250 | 650 | 500 | 430 | 382 | 313 | 60 | 3 | 4.5 | 12-41 | 1050 | 1305 | 640 | 640 |
| 300 | 750 | 585 | 500 | 442 | 364 | 70 | 4 | 4.5 | 16-48 | 1208 | 1506 | 640 | 730 |
| Z40H/Z41Y-160 | Z40/Z41 Y-160P | Z40/Z41 Y-160R | Z40/Z41 W-160P | Z40/Z41 W-160R | Z40/Z41 Y-160I | (KZ41Y) | | | | | | | |
| 15 | 170 | 110 | 75 | 52 | 40 | 24 | 2 | 4 | 4-18 | 230 | 250 | 200 | 8 |
| 20 | 190 | 130 | 90 | 62 | 51 | 26 | 2 | 4 | 4-23 | 260 | 288 | 200 | 9 |
| 25 | 210 | 140 | 100 | 72 | 58 | 28 | 2 | 4 | 4-23 | 280 | 310 | 280 | 13 |
| 32 | 230 | 165 | 115 | 85 | 66 | 30 | 2 | 4 | 4-25 | 312 | 350 | 320 | 20 |
| 40 | 240 | 175 | 125 | 92 | 76 | 32 | 3 | 4 | 4-27 | 350 | 395 | 320 | 32 |
| 50 | 300 | 215 | 165 | 132 | 88 | 36 | 3 | 4 | 8-25 | 512 | 612 | 360 | 73 |
| 65 | 340 | 245 | 190 | 152 | 110 | 44 | 3 | 4 | 8-30 | 560 | 677 | 360 | 110 |
| 80 | 390 | 260 | 205 | 168 | 121 | 46 | 3 | 4 | 8-30 | 585 | 686 | 400 | 141 |
| 100 | 450 | 300 | 240 | 200 | 150 | 48 | 3 | 4.5 | 8-34 | 631 | 751 | 450 | 185 |
| 125 | 525 | 355 | 285 | 238 | 176 | 60 | 3 | 4.5 | 8-41 | 723 | 868 | 560 | 320 |
| 150 | 600 | 390 | 318 | 270 | 204 | 66 | 3 | 4.5 | 12-41 | 820 | 997 | 640 | 462 |
| 200 | 750 | 480 | 400 | 345 | 250 | 78 | 3 | 4.5 | 12-48 | 990 | 1224 | 720 | 711 |

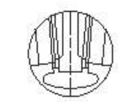


DN40~100



DN150~200



DN40~80

## 主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

| 公称通径 DN | 主要外形尺寸和连接尺寸（mm）Main external and connecting dimensions | | | | | | | | 电动装置 Electric dewice | WT(Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| | L | D | D1 | D2 | b | f | Z-d | H | | |
| | Z940H/Z941Y-16C | Z940/Z941 Y-16P | Z940/Z941 Y-16R | Z940/Z941 W-16P | Z940/Z941 W-16R | Z940/Z941 Y-16I | | | | |
| 40 | 200 | 145 | 110 | 85 | 16 | 3 | 4-18 | 595 | DZW15 | 56 |
| 50 | 250 | 160 | 125 | 100 | 16 | 3 | 4-18 | 653 | DZW20 | 59 |
| 65 | 265 | 180 | 145 | 120 | 18 | 3 | 4-18 | 665 | DZW20 | 62 |
| 80 | 280 | 195 | 160 | 135 | 20 | 3 | 8-18 | 725 | DZW20 | 74 |
| 100 | 300 | 215 | 180 | 155 | 20 | 3 | 8-18 | 787 | DZW20 | 92 |
| 150 | 350 | 280 | 240 | 210 | 24 | 3 | 8-23 | 955 | DZW30 | 161 |
| 200 | 400 | 335 | 295 | 265 | 26 | 3 | 12-23 | 1105 | DZW30 | 219 |
| 250 | 450 | 405 | 355 | 320 | 30 | 3 | 12-25 | 1343 | DZW45 | 376 |
| 300 | 500 | 460 | 410 | 375 | 30 | 3 | 12-25 | 1516 | DZW60 | 484 |
| 350 | 550 | 520 | 470 | 435 | 34 | 4 | 16-25 | 1678 | DZW60 | 695 |
| 400 | 600 | 580 | 525 | 485 | 36 | 4 | 16-30 | 1849 | DZW90 | 977 |
| 450 | 650 | 640 | 585 | 545 | 40 | 4 | 20-30 | 1937 | DZW90 | 1033 |
| 500 | 700 | 705 | 650 | 608 | 44 | 4 | 20-34 | 2234 | DZW120 | 1087 |
| 600 | 800 | 840 | 770 | 718 | 48 | 5 | 20-41 | 3432 | DZW180 | 1357 |
| 700 | 900 | 910 | 840 | 788 | 50 | 5 | 24-41 | 2489 | DZW250 | 1481 |
| 800 | 1000 | 1020 | 950 | 898 | 52 | 5 | 24-41 | 2643 | DZW350 | 1845 |

注：DN700、DN800的型号为Z942型。Note:DN700,DN800 type is Z942.

## 主要外形和连接尺寸Main External and Connection Dimension

单位Unit:mm

| 公称通径 DN | 主要外形尺寸和连接尺寸（mm）Main external and connecting dimensions | | | | | | | | 电动装置 Electric dewice | WT（Kg） |
|---|---|---|---|---|---|---|---|---|---|---|
| | L | D | D1 | D2 | b | f | Z-d | H | | |
| | Z940H/Z941Y-25C | | Z940/Z941Y-25P | | Z940/Z941Y-25R | | Z940/Z941W-25P | | Z940/Z941W-25R | Z940/Z941Y-25I |
| 40 | 200 | 145 | 110 | 85 | 18 | 3 | 4-18 | 595 | DZW15 | 60 |
| 50 | 250 | 160 | 125 | 100 | 20 | 3 | 4-18 | 653 | DZW20 | 64 |
| 65 | 265 | 180 | 145 | 120 | 22 | 3 | 8-18 | 665 | DZW20 | 65 |
| 80 | 280 | 195 | 160 | 135 | 22 | 3 | 8-18 | 725 | DZW20 | 79 |
| 100 | 300 | 230 | 190 | 160 | 24 | 3 | 8-23 | 787 | DZW20 | 98 |
| 125 | 325 | 270 | 220 | 188 | 28 | 3 | 8-25 | 902 | DZW30 | 154 |
| 150 | 350 | 300 | 250 | 218 | 30 | 3 | 8-25 | 955 | DZW30 | 168 |
| 200 | 400 | 360 | 310 | 278 | 34 | 3 | 12-25 | 1105 | DZW45 | 219 |
| 250 | 425 | 425 | 370 | 332 | 36 | 3 | 12-30 | 1343 | DZW45 | 390 |
| 300 | 450 | 485 | 430 | 390 | 40 | 4 | 12-30 | 1516 | DZW60 | 505 |
| 350 | 550 | 550 | 490 | 448 | 44 | 4 | 16-30 | 1678 | DZW60 | 736 |
| 400 | 600 | 610 | 550 | 505 | 48 | 4 | 16-34 | 1849 | DZW90 | 1027 |
| 450 | 650 | 660 | 600 | 555 | 50 | 4 | 16-34 | 1937 | DZW90 | 1139 |
| 500 | 700 | 730 | 660 | 610 | 52 | 4 | 20-34 | 2234 | DZW120 | 1228 |
| 600 | 800 | 840 | 770 | 718 | 56 | 5 | 20-41 | 2432 | DZW180 | 1502 |
| 700 | 900 | 955 | 875 | 815 | 60 | 5 | 20-41 | 2489 | DZW250 | 1617 |
| 800 | 1000 | 1070 | 990 | 930 | 64 | 5 | 24-48 | 2643 | DZW350 | 1923 |

注：DN700、DN800的型号为Z942型。Note:DN700,DN800 type is Z942.

## 主要外形和连接尺寸Main External and Connection Dimension

单位Unit:mm

| 公称通径 DN | 主要外形尺寸和连接尺寸（mm）Main external and connecting dimensions | | | | | | | | | | 电动装置 Electric dewice | WT (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | L | D | D1 | D2 | D6 | b | Z-d | f | f2 | H | | |
| | Z940H/Z941Y-40 | | Z940/Z941Y-40P | | Z940/Z941Y-40R | | Z940/Z941W-40P | | Z940/Z941W-40R | | Z940/Z941Y-40I | |
| 40 | 200 | 145 | 110 | 85 | 76 | 18 | 4-18 | 3 | 4 | 617 | DZW15 | 46 |
| 50 | 250 | 160 | 125 | 100 | 88 | 20 | 4-18 | 3 | 4 | 665 | DZW20 | 58 |
| 65 | 280 | 180 | 145 | 120 | 110 | 22 | 8-18 | 3 | 4 | 680 | DZW20 | 68 |
| 80 | 310 | 195 | 160 | 135 | 121 | 22 | 8-18 | 3 | 4 | 752 | DZW20 | 80 |
| 100 | 350 | 230 | 190 | 160 | 150 | 24 | 8-23 | 3 | 4.5 | 846 | DZW30 | 108 |
| 150 | 450 | 300 | 250 | 218 | 204 | 30 | 8-25 | 3 | 4.5 | 1087 | DZW45 | 258 |
| 200 | 550 | 375 | 320 | 282 | 260 | 38 | 12-30 | 3 | 4.5 | 1243 | DZW45 | 366 |
| 250 | 650 | 445 | 385 | 345 | 313 | 42 | 12-34 | 3 | 4.5 | 1429 | DZW60 | 472 |
| 300 | 750 | 510 | 450 | 408 | 364 | 46 | 16-34 | 4 | 4.5 | 1608 | DZW90 | 673 |
| 350 | 850 | 570 | 510 | 465 | 422 | 52 | 16-34 | 4 | 5 | 1738 | DZW90 | 804 |
| 400 | 950 | 655 | 585 | 535 | 474 | 58 | 16-41 | 4 | 5 | 1897 | DZW120 | 1081 |
| 450 | 1050 | 680 | 610 | 560 | 524 | 60 | 20-41 | 4 | 5 | 2104 | DZW180 | 1259 |
| 500 | 1150 | 755 | 670 | 612 | 576 | 62 | 20-48 | 4 | 5 | 2401 | DZW180 | 1348 |



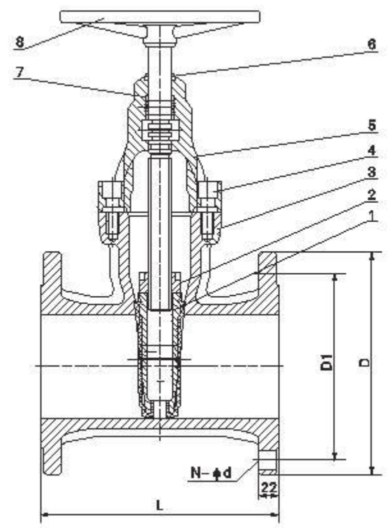


## 主要外形和连接尺寸Main External and Connection Dimension

单位Unit:mm

| 公称通径 DN | 主要外形尺寸和连接尺寸（mm）Main external and connecting dimensions | | | | | | | | | | 电动装置 Electric dewice | WT (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | L | D | D1 | D2 | D6 | b | Z-d | f1 | f2 | H | | |
| | Z940H/Z941Y-64 | | Z940/Z941Y-64P | | Z940/Z941Y-64R | | Z940/Z941W-64P | | Z940/Z941W-64R | | Z940/Z941Y-64I | |
| 50 | 250 | 175 | 135 | 105 | 88 | 26 | 4-23 | 3 | 4 | 667 | DZW20 | 68 |
| 65 | 280 | 200 | 160 | 130 | 110 | 28 | 8-23 | 3 | 4 | 685 | DZW20 | 72 |
| 80 | 310 | 210 | 170 | 140 | 121 | 30 | 8-23 | 3 | 4 | 748 | DZW30 | 88 |
| 100 | 350 | 250 | 200 | 168 | 150 | 32 | 8-25 | 3 | 4.5 | 845 | DZW30 | 117 |
| 150 | 450 | 340 | 280 | 240 | 204 | 88 | 8-34 | 3 | 4.5 | 1009 | DZW45 | 314 |
| 200 | 550 | 405 | 345 | 300 | 260 | 44 | 12-34 | 3 | 4.5 | 1253 | DZW60 | 432 |
| 250 | 650 | 470 | 400 | 345 | 313 | 48 | 12-41 | 3 | 4.5 | 1449 | DZW60 | 595 |
| 300 | 750 | 530 | 460 | 412 | 361 | 54 | 16-41 | 4 | 4.5 | 1867 | DZW90 | 721 |
| 350 | 850 | 595 | 525 | 475 | 422 | 60 | 16-41 | 4 | 5 | 1931 | DZW120 | 863 |
| 400 | 950 | 670 | 585 | 525 | 474 | 66 | 16-48 | 4 | 5 | 2017 | DZW180 | 1129 |
| 500 | 1150 | 800 | 705 | 640 | 576 | 70 | 20-54 | 4 | 5 | 2459 | DZW250 | 1493 |
| | Z940H/Z941Y-100 | | Z940/Z941Y-100P | | Z940/Z941Y-100R | | Z940/Z941W-100P | | Z940/Z941W-100R | | Z940/Z941Y-100I | |
| 50 | 250 | 195 | 145 | 112 | 88 | 28 | 4-25 | 3 | 4 | 781 | DZW20 | 78 |
| 65 | 280 | 220 | 170 | 138 | 110 | 32 | 8-25 | 3 | 4 | 830 | DZW20 | 96 |
| 80 | 310 | 230 | 180 | 148 | 121 | 34 | 8-25 | 3 | 4 | 865 | DZW30 | 126 |
| 100 | 350 | 265 | 210 | 172 | 150 | 38 | 8-30 | 3 | 4.5 | 1179 | DZW30 | 134 |
| 150 | 450 | 350 | 290 | 250 | 204 | 46 | 12-34 | 3 | 4.5 | 1201 | DZW60 | 352 |
| 200 | 550 | 430 | 360 | 312 | 260 | 54 | 12-41 | 3 | 4.5 | 1611 | DZW90 | 484 |
| 250 | 650 | 500 | 430 | 382 | 313 | 60 | 12-41 | 3 | 4.5 | 1903 | DZW90 | 608 |
| 300 | 750 | 585 | 500 | 442 | 364 | 70 | 16-48 | 4 | 4.5 | 2054 | DZW120 | 757 |
| 350 | 850 | 655 | 560 | 498 | 422 | 76 | 16-54 | 4 | 5 | 2132 | DZW180 | 994 |
| 400 | 950 | 715 | 620 | 558 | 474 | 80 | 16-54 | 4 | 5 | 2321 | DZW250 | 1269 |
| | Z940H/Z941Y-160 | | Z940/Z941Y-160P | | Z940/Z941Y-160R | | Z940/Z941W-160P | | Z940/Z941W-160R | | Z940/Z941Y-160I | |
| 50 | 300 | 215 | 165 | 132 | 88 | 36 | 8-25 | 3 | 4 | 905 | DZW20 | 101 |
| 65 | 340 | 245 | 190 | 152 | 110 | 44 | 8-30 | 3 | 4 | 968 | DZW20 | 137 |
| 80 | 390 | 260 | 205 | 168 | 121 | 46 | 8-30 | 3 | 4 | 978 | DZW30 | 167 |
| 100 | 450 | 300 | 240 | 200 | 150 | 48 | 8-34 | 3 | 4.5 | 1043 | DZW30 | 211 |
| 125 | 525 | 355 | 285 | 238 | 176 | 60 | 8-41 | 3 | 4.5 | 1248 | DZW60 | 424 |
| 150 | 600 | 390 | 318 | 270 | 204 | 66 | 12-41 | 3 | 4.5 | 1394 | DZW90 | 588 |
| 200 | 750 | 480 | 400 | 345 | 250 | 78 | 12-48 | 3 | 4.5 | 1621 | DZW120 | 839 |

注：根据用户需要可提供气动和齿轮传动闸阀产品。
Note:Both pneumatic and gear driving gatw valves can be supplied per users'requirement.

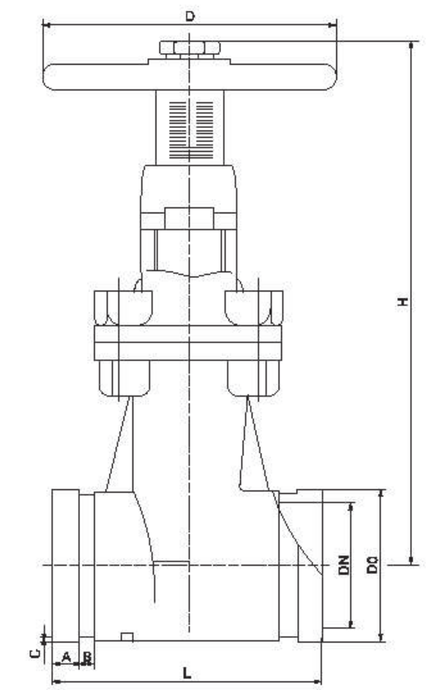



## 主要零部件材料 Main Part Material

| 序号NO. | 名称 Name | 材料Material |
|---|---|---|
| 1 | 阀板 DISK | 不锈钢 Stianless Steel |
| 2 | 支撑螺母 nut | 不锈钢 Stianless Steel |
| 3 | 阀体 Valve body | 球墨铸铁 spheroidal cast iron |
| 4 | 六角螺栓 Yoke sleeve | 不锈钢 Stianless Steel |
| 5 | 阀盖 valve bonnet | 球墨铸铁 spheroidal cast iron |
| 6 | 防尘罩 dust-proofcover | NBR |
| 7 | O型密封圈 seal ring | NBR |
| 8 | 手轮 Hand wheel | 铸铁 cast iron |

## 外形尺寸 Overall & Connection Dimensions

| 产品型号 Type | 公称通径(DN) Nominal Diameter | D | | D1 | | N-φd | | L |
|---|---|---|---|---|---|---|---|---|
| | | 1.0MPa | 1.6MPa | 1.0MPa | 1.6MPa | 1.0MPa | 1.6MPa | |
| Z45X<br>SZ45X | 50 | 165 | | 125 | | 4-19 | | 180 |
| | 65 | 185 | | 145 | | 4-19 | | 195 |
| | 80 | 200 | | 160 | | 8-19 | | 210 |
| | 100 | 220 | | 180 | | 8-19 | | 230 |
| | 125 | 250 | | 210 | | 8-19 | | 255 |
| | 150 | 285 | | 240 | | 8-23 | | 280 |
| | 200 | 340 | | 295 | | 8-23 | 12-23 | 330 |
| | 250 | 405 | | 350 | 355 | 12-23 | 12-28 | 380 |
| | 300 | 460 | | 400 | 410 | 12-23 | 12-28 | 420 |
| | 350 | 520 | | 460 | 470 | 16-23 | 16-28 | 450 |
| | 400 | 580 | | 515 | 525 | 16-28 | 16-31 | 480 |
| | 450 | 640 | | 565 | 585 | 20-28 | 20-31 | 510 |
| | 500 | 710 | | 620 | 650 | 20-28 | 20-34 | 550 |
| | 600 | 840 | | 725 | 770 | 20-31 | 30-37 | 600 |




## 主要外形及连接尺寸 Schematic diagram of installation

PN16/25

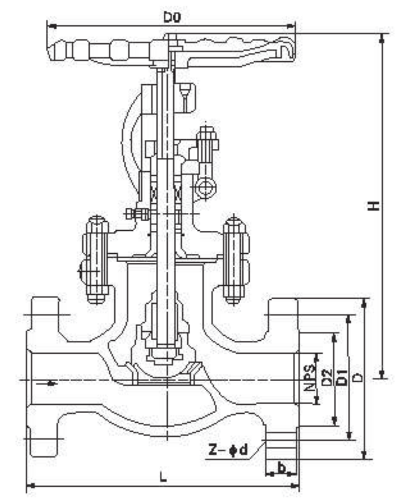
| 公称通径DN (mm) | L | D | A | B | C | H | | | | D0 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | SJKCZ SJKHZ | SJKSZ SJKIZ | SJKRZ | SJKBZ SJKLZ | |
| 50 | 120 | 57<br>60 | 14.5 | 9.5 | 2.2 | 230 | 330 | 300 | 根据客户要求 | 180 |
| 65 | 145 | 76 | 14.5 | 9.5 | 2.2 | 245 | 345 | 320 | | 180 |
| 80 | 155 | 89 | 14.5 | 9.5 | 2.2 | 310 | 410 | 370 | | 200 |
| 100 | 175 | 108<br>114 | 16 | 9.5 | 2.2 | 345 | 445 | 400 | | 200 |
| 150 | 225 | 159<br>165<br>168 | 16 | 9.5 | 2.2 | 450 | 550 | 620 | | 240 |
| 200 | 275 | 219 | 19 | 13 | 2.5 | 550 | 650 | 800 | | 320 |
| 250 | 325 | 273 | 19 | 13 | 2.5 | 620 | 720 | 1000 | | 320 |
| 300 | 355 | 325 | 19 | 13 | 2.5 | 750 | 850 | 1200 | | 400 |
| 350 | 380 | 377 | 25 | 13 | 2.5 | 880 | 980 | 1400 | | 500 |
| 400 | 405 | 426 | 25 | 13 | 2.5 | 1000 | 1100 | 1600 | | 500 |
| 450 | 430 | 480 | 25 | 13 | 2.5 | 1130 | 1250 | 1800 | | 640 |
| 500 | 455 | 530 | 25 | 13 | 2.5 | 1250 | 1400 | 2000 | | 640 |
| 600 | 505 | 630 | 25 | 13 | 2.5 | 1500 | 1650 | 2400 | | 720 |

# Tianjin KXC Metal Products Co., Ltd.



## HIGH COST PERFORMANCE
## VALVE SUPPLIER

## 截止阀系列 Globe Valves Series



### 产品执行标准 Production enforce standard

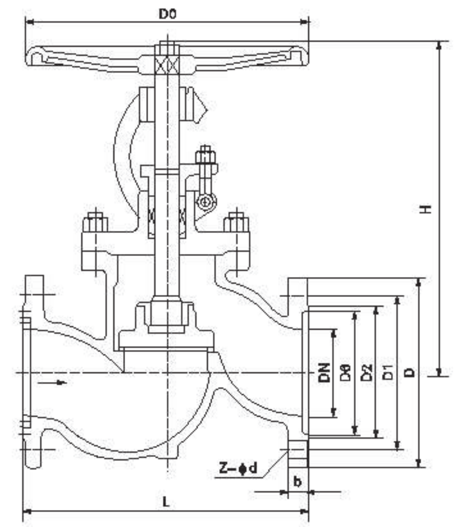
| 设计与制造 Desing And Manutacture | 结构长度 Face to face/ End to end | 法兰尺寸 Flang Dimension | 对焊连接尺寸 Butt welding dimension | 压力～温度 Pressure Temperature Lating | 试验～检验 Inspection and test |
|---|---|---|---|---|---|
| ANSI B16.34、BS1873 | ANSI B16.10 | ANSI B16.5 | ANSI B16.25 | ANSI B16.34 | API 598 |

### 产品性能规范 Chief property and specification

| 公称压力(Lb) Nominal Pressure | 强度试验Shell test | | 水密封试验Waetr seal test | | 气密封试验Air seal test | |
|---|---|---|---|---|---|---|
| | Mpa | Lbf/in² | Mpa | Lbf/in² | Mpa | Lbf/in² |
| 150 | 3.1 | 450 | 2.2 | 315 | 0.5～0.7 | 60～100 |
| 300 | 7.8 | 1125 | 5.6 | 815 | | |
| 600 | 15.3 | 2225 | 11.2 | 1630 | | |
| 900 | 23.1 | 3350 | 16.8 | 2440 | | |
| 1500 | 38.4 | 5575 | 28.1 | 4080 | | |
| 2500 | 64.6 | 9367 | 47.4 | 6873 | | |

### 主要零件材料 Material for main parts

| 体、盖、瓣 Body Cover disc | 阀杆 Stem | 密封面 Sealing Face | 垫片(环) Sealing shim | 填料 Packing | 工作温度(℃) Working temperature | 适用介质 Suitable medium |
|---|---|---|---|---|---|---|
| WCB | 2Cr13 | 13Cr STL 本体材料 With bodymater rial PTFE 尼龙 Nylon | 增强柔性石墨 13Cr/柔性石墨 Enhanced Flexible 1Cr13/Flexible graphite SFB-2 08软钢 08Soft steel F304 F316 F304L F316L | 柔性石墨 增强柔性石墨 Flesible graphite enhanced flexible graphite SFB/260 SFP/260 PTFE | ≤425 | 水、蒸气、油品 Water Steam Petroleum Products |
| WC1 | 38CrMoAl 25Cr2Mov | | | | ≤450 | |
| WC6 | | | | | ≤540 | |
| WC9 | | | | | ≤570 | |
| C5 C12 | | | | | ≤540 | |
| CF8 | F304 | | | | ≤600 | 硝酸、醋酸、尿素 Nitric acid Aceic acid |
| CF3 | F316 | | | | | |
| CF8M | F304L | | | | | |
| CF3M | F316L | | | | | |




## 产品执行标准 Production enforce standard

| 产品规范 Product Specification | 设计规范 DesignSpec | 结构长度 Face toFace | 连接法兰 Flange End | 试验与检验 Test Check | 压力-温度 Pressure-Temp | 产品标识 Marking | 供货规范 Supply |
|---|---|---|---|---|---|---|---|
| | GB/T12235 | GB/T12221 | JB/T79 | JB/T9092 | GB/T9131 | GB/T12220 | JB/T7928 |

## 产品性能规范 Chief property and specification

1、试验压力 Test pressure

| 公称压力（Lb) Nominal Pressure | 1.6 | 2.5 | 4.0 | 6.4 | 10.0 | 16.0 |
|---|---|---|---|---|---|---|
| 壳体强度试验 Shell strength test | 2.4 | 3.8 | 6.0 | 9.6 | 15 | 24 |
| 上密封试验 Back seal test | 1.8 | 2.8 | 4.4 | 7.0 | 11 | 18 |
| 密封试验 Seal test | 1.8 | 2.8 | 4.4 | 7.0 | 11 | 18 |

2、适用介质及适用温度 Appicable medium&Applicabletemperature

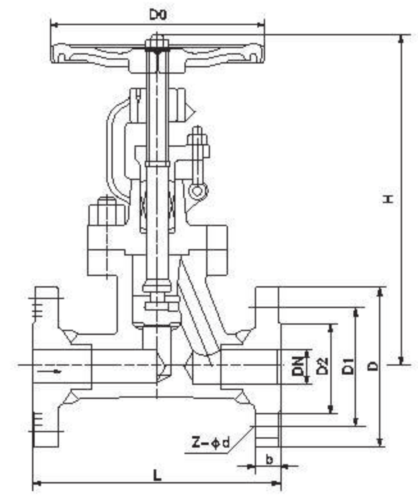
| 产品类型 Product type | 适用介质 Applocable medium | 适用温度℃ Applicabletemperature |
|---|---|---|
| J41$^{H}_{Y}$-C型<br>J941$^{H}_{Y}$-C型 | 水、油品、蒸气 Warer、oil、steam | ≤425<br>≤450 |
| J41W -P型<br>J941W -P型 | 硝酸类 Nitric acid | ≤200 |
| J41W -R型 | 盐酸类 Hydrochloric acid | ≤200 |
| J41Y -I型<br>J941Y -I型 | 水、油品、蒸气 Warer、oil、steam | ≤550 |

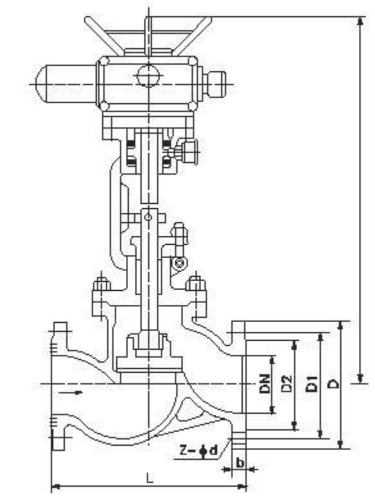
## 主要零件材料 Material for main parts

| 产品名称 Prodrot type | 零件名称Part name | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 阀体、阀盖 Body bonnte | 阀杆 Stem | 阀瓣 Sealing face | 密封面 sealingface | 阀杆螺母 Yoke nut | 填料Packig | 紧固件 Fastener | 手轮 Hand wheel |
| J41$^{H}_{Y}$-C型<br>J941$^{H}_{Y}$-C型 | 2.5WCB | 铬不锈钢 Cr.Stainless steel | 2Cr13 25 | H：不锈钢Y：钴基硬质合金钢 H:Stainless steel Y:Co-based carbide alloy steel | 铝青铜 Al bronze | 柔性石墨 Flexible graphite | 优质碳钢 High-grade carbon steel | 可锻铸铁 Foraeable cast-iron |
| J41W -P型<br>J941W -P型 | 铬镍钛钢 Cr,Ni,Ti steel | 铬镍钛钢 Cr,Ni,Ti steel | 铬镍钛钢 Cr,Ni,Ti steel | 铬镍钛钢 Cr,Ni,Ti steel | 铝青铜 Al bronze | 柔性石墨 Flexible graphite | 不锈钢 Stainless steel | 可锻铸铁 Foraeable cast-iron |
| J41W -R型 | 铬镍钼钛钢 Cr,Ni,Mo,Ti steel | 铬镍钼钛钢 Cr,Ni,Mo,Ti steel | 铬镍钼钛钢 Cr,Ni,Mo,Ti steel | 铬镍钼钛钢 Cr,Ni,Mo,Ti steel | 铝青铜 Al bronze | 柔性石墨 Flexible graphite | 不锈钢 Stainless steel | 可锻铸铁 Foraeable cast-iron |
| J41Y -I型<br>J941Y -I型 | 铬钼钢 Cr,Mo steel | 铬钼钢 Cr,Mo steel | 合金钢 Alloy steel | 钴基硬质合金钢 Co-based carbide alloy steel | 铝青铜 Al bronze | 柔性石墨 Flexible graphite | 合金钢 Alloy steel | 可锻铸铁 Foraeable cast-iron |








## 主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

| 公称通径 DN | 主要外形尺寸和连接尺寸（mm）Main external and connecting dimensions | | | | | | | | | WT(Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| | L | D | D1 | D2 | b | f | Z-d | H | D0 | |
| J41$\underset{B}{\overset{H}{Y}}$-16C J41W-16P J41W-16R J41Y-16I | | | | | | | | | | |
| 10 | 130 | 90 | 60 | 40 | 14 | 2 | 4-14 | 198 | 120 | 4.7 |
| 15 | 130 | 95 | 65 | 45 | 16 | 2 | 4-14 | 218 | 120 | 5.2 |
| 20 | 150 | 105 | 75 | 55 | 16 | 2 | 4-14 | 258 | 140 | 7.1 |
| 25 | 160 | 115 | 85 | 65 | 16 | 2 | 4-14 | 275 | 160 | 7.4 |
| 32 | 180 | 135 | 100 | 78 | 18 | 2 | 4-18 | 280 | 180 | 8.5 |
| 40 | 200 | 145 | 110 | 85 | 18 | 3 | 4-18 | 330 | 200 | 12.5 |
| 50 | 230 | 160 | 125 | 100 | 18 | 3 | 4-18 | 350 | 240 | 20 |
| 65 | 290 | 180 | 145 | 120 | 18 | 3 | 4-18 | 400 | 280 | 25 |
| 80 | 310 | 195 | 160 | 135 | 20 | 3 | 8-18 | 355 | 280 | 35 |
| 100 | 350 | 215 | 180 | 155 | 22 | 3 | 8-18 | 415 | 320 | 50 |
| 125 | 400 | 245 | 210 | 185 | 24 | 3 | 8-18 | 460 | 360 | 75 |
| 150 | 480 | 280 | 240 | 210 | 24 | 3 | 8-23 | 510 | 400 | 100 |
| 200 | 600 | 335 | 295 | 265 | 26 | 3 | 12-23 | 710 | 400 | 210 |
| 250 | 650 | 405 | 355 | 320 | 30 | 3 | 12-23 | 768 | 450 | 446 |
| 300 | 750 | 460 | 410 | 375 | 30 | 3 | 12-23 | 925 | 500 | 648 |

## 主要外形和连接尺寸 Main External and Connection Dimension

| 公称通径 DN | 主要外形尺寸和连接尺寸（mm）Main external and connecting dimensions | | | | | | | | | 电动装置 Electric dewice | WT(Kg) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | L | D | D1 | D2 | b | f | Z-d | H手 | H电 | D0 | | 手动 Hand | 电动 Electric |
| J41H/Y/B-25 J41W-25P J41W-25R J41Y-25I J941H/Y-25 J941W-25P J941W-25R J941Y-251I | | | | | | | | | | | | | |
| 10 | 130 | 90 | 60 | 40 | 16 | 2 | 4-14 | 198 | - | 120 | - | 4.9 | - |
| 15 | 130 | 95 | 65 | 45 | 16 | 2 | 4-14 | 218 | - | 120 | - | 5.4 | - |
| 20 | 150 | 105 | 75 | 55 | 16 | 2 | 4-14 | 258 | - | 140 | - | 7 | - |
| 25 | 160 | 115 | 85 | 65 | 16 | 2 | 4-14 | 275 | - | 160 | - | 7.4 | - |
| 32 | 180 | 135 | 100 | 78 | 18 | 2 | 4-18 | 280 | - | 180 | - | 8.5 | - |
| 40 | 200 | 145 | 110 | 85 | 18 | 3 | 4-18 | 330 | - | 200 | - | 12.5 | - |
| 50 | 230 | 160 | 125 | 100 | 20 | 3 | 4-18 | 350 | 645 | 240 | DZW101 | 16 | 50 |
| 65 | 290 | 180 | 145 | 120 | 22 | 3 | 8-18 | 400 | 690 | 280 | DZW101 | 25 | 62 |
| 80 | 310 | 195 | 160 | 135 | 22 | 3 | 8-18 | 355 | 715 | 280 | DZW151 | 30 | 67 |
| 100 | 350 | 230 | 190 | 160 | 24 | 3 | 8-23 | 415 | 770 | 320 | DZW20 | 34.5 | 73 |
| 125 | 400 | 270 | 220 | 188 | 28 | 3 | 8-25 | 460 | 780 | 360 | DZW30 | 89 | 127 |
| 150 | 480 | 300 | 250 | 218 | 30 | 3 | 8-25 | 510 | 875 | 400 | DZW45 | 98 | 215 |
| 200 | 600 | 360 | 310 | 278 | 34 | 3 | 12-25 | 710 | 967 | 400 | DZW60 | 180 | 322 |
| 250 | 650 | 425 | 370 | 332 | 36 | 3 | 12-30 | 786 | - | 450 | - | 446 | - |
| 300 | 750 | 485 | 430 | 390 | 40 | 4 | 12-30 | 925 | - | 500 | - | 654 | - |

| 公称通径 DN | 主要外形尺寸和连接尺寸（mm）Main external and connecting dimensions | | | | | | | | | | | 电动装置 Electric dewice | WT(Kg) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | L | D | D1 | D2 | D6 | b | f | f2 | Z-d | H手 | H电 | D0 | | 手动 Hand | 电动 Electric |
| J41H/Y-40 J41W-40P J41W-40R J41Y-40I J941H/Y-40 J941W-40P J941W-40R J941Y-40I | | | | | | | | | | | | | | | |
| 10 | 130 | 90 | 60 | 40 | 35 | 16 | 2 | 4 | 4-14 | 198 | - | 120 | - | 4.9 | - |
| 15 | 130 | 95 | 65 | 45 | 40 | 16 | 2 | 4 | 4-14 | 233 | - | 120 | - | 5.4 | - |
| 20 | 150 | 105 | 75 | 55 | 51 | 16 | 2 | 4 | 4-14 | 275 | - | 140 | - | 7 | - |
| 25 | 160 | 115 | 85 | 65 | 58 | 16 | 2 | 4 | 4-14 | 285 | - | 160 | - | 8.8 | - |
| 32 | 180 | 135 | 100 | 78 | 66 | 18 | 2 | 4 | 4-18 | 302 | - | 180 | - | 11.8 | - |
| 40 | 200 | 145 | 110 | 85 | 76 | 18 | 3 | 4 | 4-18 | 355 | - | 200 | - | 16.5 | - |
| 50 | 230 | 160 | 125 | 100 | 88 | 20 | 3 | 4 | 4-18 | 373 | 645 | 240 | DZW101 | 24 | 61 |
| 65 | 290 | 180 | 145 | 120 | 110 | 22 | 3 | 4 | 8-18 | 408 | 690 | 280 | DZW101 | 33 | 75 |
| 80 | 310 | 195 | 160 | 135 | 121 | 22 | 3 | 4 | 8-18 | 436 | 715 | 320 | DZW201 | 44 | 84 |
| 100 | 350 | 230 | 190 | 160 | 150 | 24 | 3 | 4.5 | 8-23 | 480 | 770 | 360 | DZW301 | 60 | 101 |
| 125 | 400 | 270 | 220 | 188 | 176 | 28 | 3 | 4.5 | 8-25 | 558 | 782 | 400 | DZW45 | 89 | 207 |
| 150 | 480 | 300 | 250 | 218 | 204 | 30 | 3 | 4.5 | 8-25 | 611 | 875 | 400 | DZW60 | 98 | 226 |
| 200 | 600 | 375 | 320 | 282 | 260 | 38 | 3 | 4.5 | 12-30 | 720 | 1160 | 400 | DZW901 | 190 | 339 |

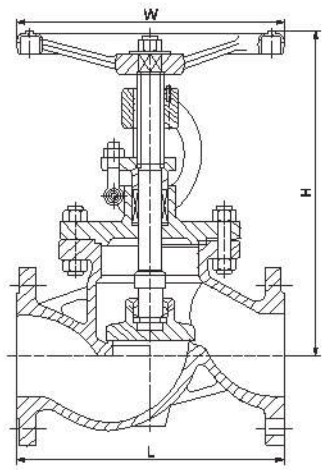




## 主要外形和连接尺寸Main External and Connection Dimension

| 公称通径 DN | 主要外形尺寸和连接尺寸（mm）Main external and connecting dimensions | | | | | | | | | | | 电动装置 Electric dewice | WT(Kg) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | L | D | D1 | D2 | D6 | b | f | f2 | Z-d | H手 | H电 | D0 | | 手动 Hand | 电动 Electric |
| J41H/Y-64 J941H/Y-64 J41Y-64I J941Y-64I | | | | | | | | | | | | | | | |
| 10 | 170 | 100 | 70 | 50 | 35 | 18 | 2 | 4 | 4-14 | 198 | - | 120 | - | 5.7 | - |
| 15 | 170 | 105 | 75 | 55 | 41 | 18 | 2 | 4 | 4-14 | 195 | - | 140 | - | 10 | - |
| 20 | 190 | 125 | 90 | 68 | 51 | 20 | 2 | 4 | 4-18 | 228 | - | 160 | - | 13 | - |
| 25 | 210 | 135 | 100 | 78 | 58 | 22 | 2 | 4 | 4-18 | 275 | - | 180 | - | 14.5 | - |
| 32 | 230 | 150 | 110 | 82 | 66 | 24 | 2 | 4 | 4-23 | 325 | - | 200 | - | 19 | - |
| 40 | 260 | 165 | 125 | 95 | 76 | 24 | 3 | 4 | 4-23 | 360 | - | 240 | - | 25 | - |
| 50 | 300 | 175 | 135 | 105 | 88 | 26 | 3 | 4 | 8-23 | 410 | 710 | 280 | DZW10 | 35 | 64 |
| 65 | 340 | 200 | 160 | 130 | 110 | 28 | 3 | 4 | 8-23 | 450 | 750 | 320 | DZW15 | 48 | 77 |
| 80 | 380 | 210 | 170 | 140 | 121 | 30 | 3 | 4 | 8-23 | 485 | 785 | 360 | DZW30 | 56 | 88 |
| 100 | 430 | 250 | 200 | 168 | 150 | 32 | 3 | 4 | 8-25 | 537 | 837 | 400 | DZW45 | 125 | 171 |
| 125 | 500 | 295 | 240 | 202 | 176 | 26 | 3 | 4 | 8-30 | 631 | - | 400 | - | 131 | - |
| 150 | 550 | 340 | 280 | 240 | 204 | 38 | 3 | 4 | 8-34 | 646 | - | 450 | - | 157 | - |
| 200 | 650 | 405 | 345 | 300 | 260 | 44 | 3 | 4 | 12-34 | 813 | - | 500 | - | 283 | - |
| J41H/Y-100 J941H/Y-100 J41Y-100I J941Y-100I | | | | | | | | | | | | | | | |
| 10 | 170 | 100 | 70 | 50 | 35 | 20 | 2 | 4 | 4-14 | 198 | - | 120 | - | 6 | - |
| 15 | 170 | 105 | 75 | 55 | 40 | 20 | 2 | 4 | 4-14 | 202 | - | 140 | - | 11 | - |
| 20 | 190 | 125 | 90 | 68 | 51 | 22 | 2 | 4 | 4-18 | 228 | - | 160 | - | 13.2 | - |
| 25 | 210 | 135 | 100 | 78 | 58 | 24 | 2 | 4 | 4-18 | 250 | - | 180 | - | 14 | - |
| 32 | 230 | 150 | 110 | 82 | 66 | 24 | 2 | 4 | 4-23 | 326 | - | 220 | - | 15 | - |
| 40 | 260 | 165 | 125 | 95 | 76 | 26 | 3 | 4 | 4-23 | 359 | - | 240 | - | 29 | - |
| 50 | 300 | 195 | 145 | 112 | 88 | 28 | 3 | 4 | 4-25 | 414 | 710 | 280 | DZW15 | 49 | 82 |
| 65 | 340 | 220 | 170 | 138 | 110 | 32 | 3 | 4 | 8-25 | 434 | 750 | 320 | DZW20I | 65 | 104 |
| 80 | 380 | 230 | 180 | 148 | 121 | 34 | 3 | 4 | 8-25 | 547 | 785 | 400 | DZW30 | 95 | 138 |
| 100 | 430 | 265 | 210 | 172 | 150 | 38 | 3 | 4.5 | 8-30 | 621 | 837 | 450 | DZW45 | 115 | 243 |
| 125 | 500 | 310 | 250 | 210 | 176 | 42 | 3 | 4.5 | 8-34 | 732 | - | 450 | - | 149 | - |
| 150 | 550 | 350 | 290 | 250 | 204 | 46 | 3 | 4.5 | 12-34 | 840 | - | 500 | - | 310 | - |
| 200 | 650 | 430 | 360 | 312 | 260 | 54 | 3 | 4.5 | 12-41 | 925 | - | 550 | - | 590 | - |
| J41H/Y-160 | | | | | | | | | | | | | | | |
| 15 | 170 | 110 | 75 | 52 | 40 | 24 | 2 | 4 | 4-18 | 148 | - | 140 | - | 12.2 | - |
| 20 | 190 | 130 | 90 | 65 | 51 | 26 | 2 | 4 | 4-23 | 156 | - | 160 | - | 15 | - |
| 25 | 210 | 140 | 100 | 72 | 58 | 28 | 2 | 4 | 4-23 | 125 | - | 180 | - | 17 | - |
| 32 | 230 | 165 | 115 | 85 | 66 | 30 | 2 | 4 | 4-25 | 200 | - | 200 | - | 21.4 | - |
| 40 | 260 | 175 | 125 | 92 | 76 | 32 | 3 | 4 | 4-27 | 231 | - | 240 | - | 32 | - |
| 50 | 300 | 215 | 165 | 132 | 88 | 36 | 3 | 4 | 8-25 | 262 | - | 250 | - | 52 | - |
| 65 | 340 | 245 | 190 | 152 | 110 | 44 | 3 | 4 | 8-30 | 303 | - | 320 | - | 69 | - |
| 80 | 380 | 260 | 205 | 168 | 121 | 46 | 3 | 4 | 8-30 | 341 | - | 400 | - | 98 | - |
| 100 | 430 | 300 | 240 | 200 | 150 | 48 | 3 | 4.5 | 8-34 | 485 | - | 450 | - | 119 | - |

# 波纹管截止阀 Globe Valve




## 主要外形和连接尺寸 Main External and Connection Dimension

| 压力等级 Pressure(MPa) | PN1.6MPa | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 口径 Size mm | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 |
| L | 130 | 150 | 160 | 180 | 200 | 230 | 290 | 310 | 350 | 400 | 450 | 600 | 730 | 850 | 980 | 1100 |
| H | 240 | 260 | 276 | 285 | 300 | 305 | 354 | 402 | 437 | 496 | 541 | 699 | 815 | 914 | 1189 | 1350 |
| W | 120 | 140 | 160 | 160 | 180 | 200 | 200 | 750 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 |
| 重量(kg)Weight | 8 | 10 | 12 | 16 | 17 | 20 | 30 | 38 | 56 | 75 | 100 | 182 | 278 | 398 | 500 | 618 |

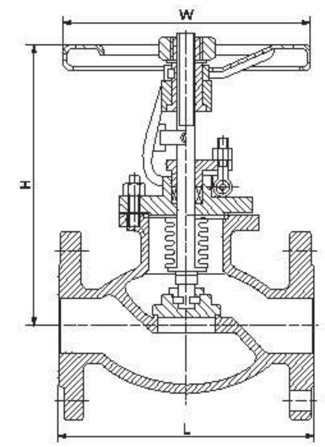
| 压力等级 Pressure(MPa) | PN2.5MPa | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 口径 Size mm | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 |
| L | 130 | 150 | 160 | 180 | 200 | 230 | 290 | 310 | 350 | 400 | 450 | 600 | 730 | 850 | 980 | 1100 |
| H | 240 | 260 | 276 | 285 | 300 | 325 | 363 | 415 | 453 | 505 | 556 | 744 | 864 | 948 | 1269 | 1450 |
| W | 120 | 140 | 160 | 160 | 180 | 200 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 600 |
| 重量(kg)Weight | 8 | 10 | 12 | 16 | 17 | 20 | 30 | 39 | 58 | 80 | 101 | 190 | 290 | 405 | 510 | 650 |

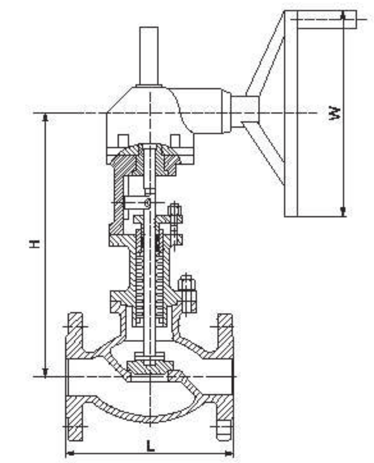
| 压力等级 Pressure(MPa) | PN4.0MPa | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 口径 Size mm | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 |
| L | 130 | 150 | 160 | 180 | 200 | 230 | 290 | 310 | 350 | 400 | 450 | 600 | 730 | 850 | 980 | 1100 |
| H | 240 | 260 | 276 | 285 | 300 | 325 | 363 | 430 | 480 | 532 | 589 | 783 | 888 | 965 | 1285 | 1512 |
| W | 120 | 140 | 160 | 160 | 180 | 200 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 600 |
| 重量(kg)Weight | 8 | 10 | 12 | 16 | 17 | 22 | 31 | 41.5 | 61 | 83 | 110 | 210 | 318.5 | 430 | 520 | 680 |



# 美标波纹管截止阀 Globe valve with bellow seal acc.to ANSI

J619(H/Y)/J961(H/Y) 200~320(P54100V~P54195V)




## 主要外形和连接尺寸 Main External and Connection Dimension

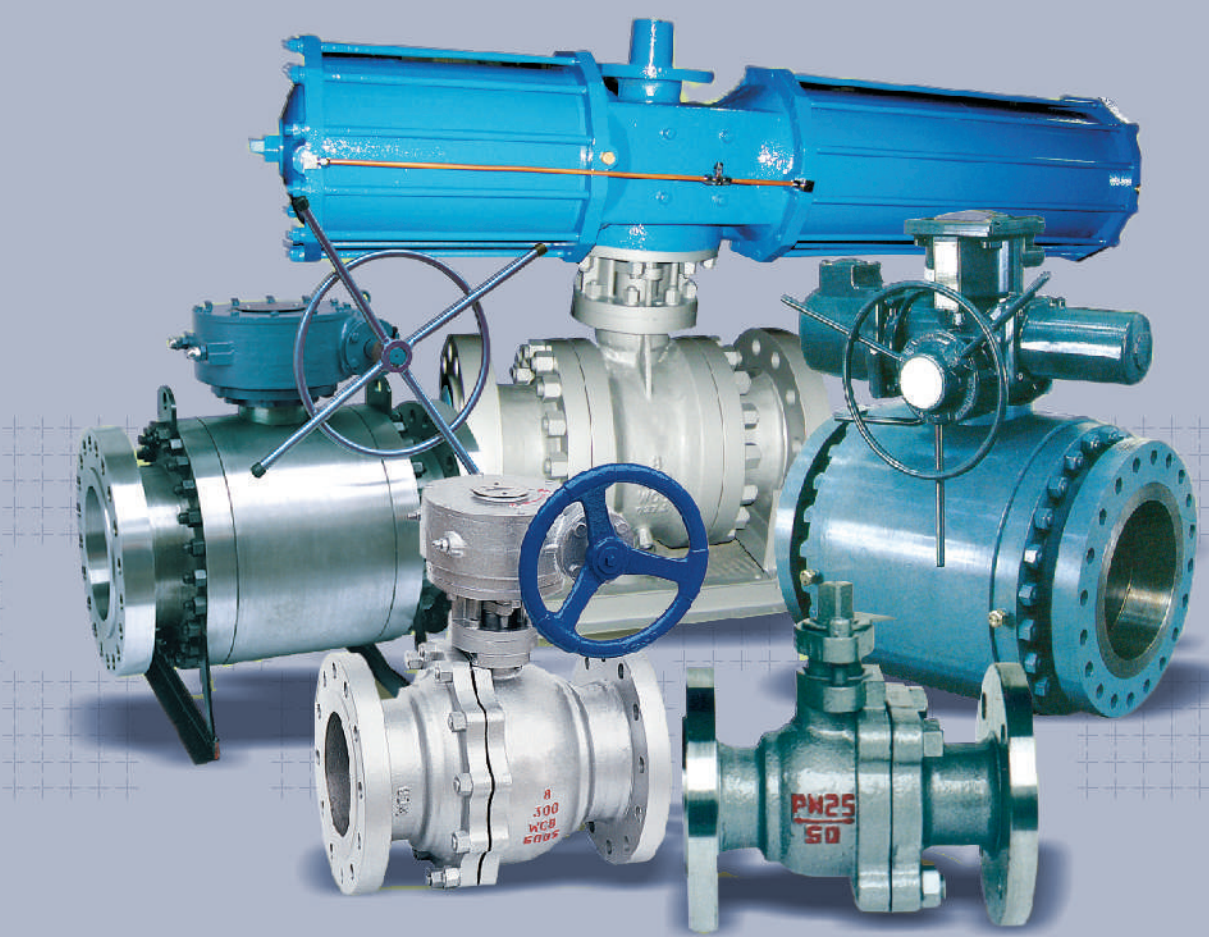
单位Unit:mm

| 型号Model | AWJ41-150Lb | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 压力等级Pressure | 150Lb | | | | | | | | | | | | | | |
| 口径 Size mm | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 |
| 口径 Size inch | 1/2 | 3/4 | 1 | 11/4 | 11/2 | 2 | 21/2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 14 |
| L | 108 | 117 | 127 | 140 | 165 | 203 | 216 | 241 | 292 | 356 | 406 | 495 | 622 | 698 | 787 |
| H | 241 | 241 | 241 | 280 | 286 | 368 | 387 | 400 | 457 | 520 | 609 | 698 | 762 | 876 | 990 |
| W | 120 | 140 | 140 | 180 | 200 | 220 | 260 | 480 | 300 | 320 | 340 | 400 | 450 | 450 | 450 |
| 重量(kg)Weight | 4 | 5 | 6 | 10 | 13 | 18 | 30 | 35 | 55 | 75 | 104 | 200 | 300 | 390 | 610 |
| 型号Model | AWJ41-300Lb | | | | | | | | | | | | | | |
| 压力等级Pressure | 300Lb | | | | | | | | | | | | | | |
| 口径 Size mm | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 |
| 口径 Size inch | 1/2 | 3/4 | 1 | 11/4 | 11/2 | 2 | 21/2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 14 |
| L | 152 | 178 | 203 | 215 | 229 | 267 | 292 | 318 | 356 | 400 | 444 | 559 | 622 | 711 | 762 |
| H | 241 | 241 | 283 | 320 | 322 | 399 | 438 | 450 | 584 | 610 | 660 | 762 | 850 | 1085 | 1187 |
| W | 120 | 140 | 140 | 180 | 200 | 220 | 260 | 280 | 300 | 320 | 340 | 400 | 450 | 450 | 450 |
| 重量(kg)Weight | 6 | 7 | 10 | 15 | 20 | 25 | 30 | 52 | 88 | 115 | 160 | 259 | 420 | 595 | 876 |
| 型号Model | AWJ41-600Lb | | | | | | | | | | | | | | |
| 压力等级Pressure | 600Lb | | | | | | | | | | | | | | |
| 口径 Size mm | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 |
| 口径 Size inch | 1/2 | 3/4 | 1 | 11/4 | 11/2 | 2 | 21/2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 14 |
| L | 165 | 190 | 216 | 229 | 241 | 292 | 330 | 356 | 432 | 508 | 559 | 660 | 787 | 838 | 889 |
| H | 240 | 280 | 320 | 320 | 390 | 430 | 480 | 508 | 635 | 750 | 914 | 1016 | 1219 | 1330 | 1560 |
| W | 140 | 140 | 160 | 160 | 180 | 180 | 250 | 250 | 350 | 400 | 450 | 500 | 600 | 720 | 760 |
| 重量(kg)Weight | 7 | 10 | 16 | 22 | 29 | 35 | 50 | 90 | 150 | 230 | 300 | 510 | 850 | 1120 | 1400 |
| 型号Model | AWJ41-900Lb | | | | | | | | | | | | | | |
| 压力等级Pressure | 900Lb | | | | | | | | | | | | | | |
| 口径 Size mm | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 |
| 口径 Size inch | 1/2 | 3/4 | 1 | 11/4 | 11/2 | 2 | 21/2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 14 |
| L | 229 | 229 | 254 | 279 | 305 | 368 | 419 | 381 | 457 | 559 | 610 | 737 | 838 | 965 | 1029 |
| H | 280 | 330 | 350 | 430 | 508 | 569 | 430 | 635 | 774 | 860 | 1040 | 1330 | 1560 | 1650 | 1780 |
| W | 160 | 160 | 180 | 180 | 350 | 250 | 320 | 350 | 450 | 550 | 600 | 720 | 760 | 820 | 890 |
| 重量(kg)Weight | 10 | 16 | 23 | 37 | 49 | 65 | 75 | 120 | 200 | 350 | 410 | 790 | 1300 | 1500 | 1800 |

# Tianjin KXC Metal Products Co., Ltd.

## HIGH COST PERFORMANCE
## VALVE SUPPLIER

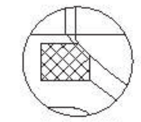
## 球阀系列 Ball Valves Series



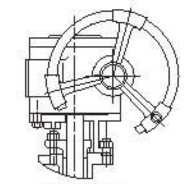




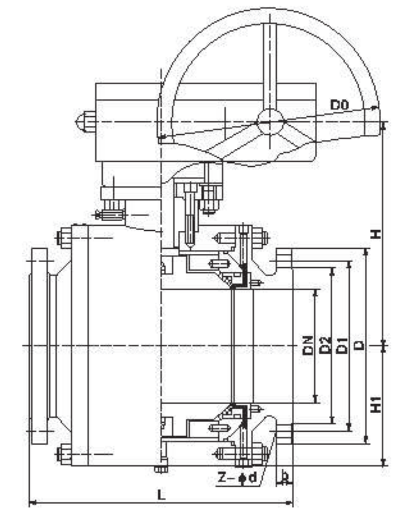

KXC®



防火结构
Fire durable



蜗轮传动
Worm gear operation




### 产品执行标准 Production enforce standard

| | 设计规范 Design Spec | 结构长度 Face to Face | 连接法兰 Flange End | 试验与检验 Test & Check | 产品标识 Marking | 供货规范 Supply |
|---|---|---|---|---|---|---|
| 产品规范 Prduct Specification | GB/T12237 JB/T7745 | GB/T12221 JB/T7745 | JB/T79 | JB/T9092 | GB/T12220 | JB/T7928 |
| | API 608 API 6D | ANSI B16.10 API 6D | ANSI B16.5 | API 598 API 6D | MSS SP-25 API 6D | API 608 API 6D |

### 产品性能规范Chief property and specification

| | | | | |
|---|---|---|---|---|
| 公称压力(PN)Nominal pressure | 1.6 | 2.5 | 4.0 | 6.4 |
| 壳体试验压力Shell test pressure | 2.4 | 3.8 | 6.0 | 9.6 |
| 密封试验(液)Seal test | 1.8 | 2.8 | 4.4 | 7.0 |
| 密封试验(气)Seal test | 0.5～0.7 | | | |
| 适用介质 Applicable medium | C 水、油品、蒸汽 Water,oil,steam | P 硝酸类 Nitric acid | R 醋酸类 Acetic acid | |
| 适用温度 Applicable temperature | ≤200℃ | | | |

### 主要零件材料Material for main parts

| 名称 Parts | | WCB类 | CF8类 | CF3类 | CF8M类 | CF3M类 |
|---|---|---|---|---|---|---|
| 阀体左体 Body & Body cap | | A216-WCB | A315-CF8 | A35-CF3 | A351-CF8M | A351-CF3M |
| 球阀 Ball | B2-B8 | A105-1025 | A182-F304L | A182-F304L | A132-F316 | A182-F316L |
| | B8以上 | A216-WCB | A351-CF8M | A351-CF3 | A351-CF8M | A351-CF3M |
| 阀杆 Steml | | A182-F6a | A182-F304 | A182-F304L | A182-F336 | A182-F316L |
| 阀座 Seat | | PTFE/增强PTFE/NYLIN PTFE/Reinforced PTEF/Nyion | | | | |
| 阀座支承圈 Seat Retainer | | A105-1025 | A182-F304 | A182-F304L | A182-F316 | A182-F316L |
| 弹簧 Spring | | | 3yc-7/17-49H | | | |
| O形圈 O-ring | | NBR | 氟橡胶 Viton | | | |
| 螺柱 Stud | | A193-B7 | A193-B8 | | | |
| 螺母 Nut | | A194-2H | A194-8 | | | |

## 主要外形和连接尺寸Main External and Connection Dimension

CLASS 150 A1B(3)41,(3)47,(3)61,(3)67F(N.PPL).(P.R.V)

单位Unit:mm

| DN | 主要外形尺寸和连接尺寸（mm）Main external and connecting dimensions | | | | | | | | | | | | | | WT (Kg) | 备注 Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | d | L | LB焊接 Welding | H1 | H2 | W | M | K | D2 | D1 | D | N-Φ | b | f | | |
| 1/2" | 13 | 108 | – | – | 59 | 130 | – | – | 35 | 60.5 | 89 | 4-16 | 11.2 | 1.6 | 2.3 | 浮动球 Float Ball |
| 3/4" | 19 | 117 | – | – | 63 | 130 | – | – | 43 | 70 | 98 | 4-16 | 11.2 | 1.6 | 3.0 | |
| 1" | 25 | 127 | – | – | 75 | 160 | – | – | 51 | 79.5 | 108 | 4-16 | 11.2 | 1.6 | 4.5 | |
| 11/2" | 38 | 165 | 190 | – | 95 | 230 | – | – | 73 | 98.5 | 127 | 4-16 | 14.3 | 1.6 | 7.0 | |
| 2" | 51 | 178 | 216 | – | 107 | 230 | – | – | 92 | 120.5 | 152 | 4-19 | 15.9 | 1.6 | 9.5 | 固定球 Fixing Ball 浮动球 Float Ball |
| 21/2" | 61 | 190 | 241 | – | 142 | 400 | – | – | 105 | 139.5 | 178 | 4-19 | 17.5 | 1.6 | 15.0 | |
| 3" | 76 | 203 | 283 | – | 152 | 400 | – | – | 127 | 152.5 | 190 | 4-19 | 19.1 | 1.6 | 19.0 | |
| 4" | 102 | 229 | 305 | – | 178 | 700 | – | – | 157 | 190.5 | 229 | 8-19 | 23.9 | 1.6 | 33.0 | |
| 5" | 127 | 356 | – | – | 252 | 1100 | – | – | 186 | 216 | 254 | 8-22 | 23.9 | 1.6 | 58.0 | |
| 6" | 52 | 394 | 457 | – | 272 | 1100 | – | – | 216 | 241.5 | 279 | 8-22 | 54.5 | 1.6 | 93.0 | |
| 8" | 203 | 457 | 521 | – | 342 | 1500 | – | – | 270 | 298.5 | 343 | 8-22 | 58.6 | 1.6 | 160.0 | |
| 8" | 203 | 457 | 521 | – | 398 | 600 | 115.5 | 350 | 270 | 298.5 | 343 | 8-22 | 28.6 | 1.6 | 180.0 | 固定球 Fixing Ball |
| 10" | 254 | 533 | 559 | 335 | 495 | 600 | 115.5 | 350 | 324 | 362 | 406 | 12-25 | 30.2 | 1.6 | 240.0 | |
| 12" | 305 | 610 | 635 | 385 | 580 | 800 | 171 | 420 | 381 | 431.8 | 482.6 | 12-25 | 31.8 | 1.6 | 390.0 | |
| 14" | 337 | 686 | 762 | 430 | 325 | 800 | 171 | 420 | 412.8 | 476 | 535 | 12-29 | 35 | 1.6 | 510.0 | |
| 16" | 387 | 162 | 838 | 470 | 720 | 800 | 257 | 400 | 469.9 | 539.5 | 597 | 16-29 | .36.6 | 1.6 | 750.0 | |
| 20" | 489 | 914 | 991 | 590 | 840 | 800 | 257 | 400 | 58.2 | 635 | 698 | 20-32 | 42.9 | 1.6 | 1190 | |
| 24" | 591 | 1067 | 1143 | 700 | 1050 | 800 | 150 | 410 | 692.2 | 749.5 | 813 | 20-35 | 47.8 | 1.6 | 2100 | |
| 26" | 686 | 1245 | 1346 | 780 | 1150 | 800 | 83 | 650 | 800.1 | 836.6 | 927.1 | 28-35 | 71.4 | 1.6 | 3000 | |

CLASS 300 A3B(3)41,(3)47,(3)67F(N.PPL).(P.R.V)

| DN | 主要外形尺寸和连接尺寸（mm）Main external and connecting dimensions | | | | | | | | | | | | | | WT (Kg) | 备注 Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | d | L | LB焊接 Welding | H1 | H2 | W | M | K | D2 | D1 | D | N-Φ | b | f | | |
| 1/2" | 13 | 140 | – | – | 59 | 130 | – | – | 35 | 66.5 | 95 | 4-16 | 14.2 | 1.6 | 2.5 | 浮动球 Float Ball |
| 3/4" | 19 | 152 | – | – | 63 | 130 | – | – | 43 | 82.5 | 117 | 4-19 | 15.9 | 1.6 | 3.5 | |
| 1" | 25 | 165 | – | – | 75 | 160 | – | – | 51 | 89 | 124 | 4-19 | 17.5 | 1.6 | 5.5 | |
| 11/2" | 38 | 190 | 190 | – | 95 | 230 | – | – | 73 | 114.5 | 156 | 4-22 | 20.7 | 1.6 | 10.5 | |
| 2" | 51 | 216 | 216 | – | 107 | 230 | – | – | 92 | 127 | 165 | 8-19 | 22.3 | 1.6 | 14.5 | 固定球 Fixing Ball 浮动球 Float Ball |
| 21/2" | 61 | 241 | 241 | – | 142 | 400 | – | – | 105 | 149 | 190 | 8-22 | 25.4 | 1.6 | 23.5 | |
| 3" | 76 | 283 | 283 | – | 152 | 400 | – | – | 127 | 168 | 210 | 8-22 | 28.6 | 1.6 | 30.0 | |
| 4" | 102 | 305 | 305 | – | 178 | 700 | – | – | 157 | 200 | 254 | 8-22 | 31.8 | 1.6 | 55.0 | |
| 5" | 127 | 381 | – | – | 252 | 1100 | – | – | 186 | 235 | 279 | 8-22 | 35 | 1.6 | 81.0 | |
| 6" | 52 | 403 | 457 | – | 272 | 1100 | – | – | 216 | 270 | 318 | 12-22 | 36.5 | 1.6 | 118.0 | |
| 8" | 203 | 502 | 521 | – | 342 | 1500 | – | – | 270 | 330 | 381 | 12-25 | 41.3 | 1.6 | 200.00 | |
| 8" | 203 | 502 | 521 | – | 398 | 600 | 115.5 | 350 | 270 | 330 | 381 | 12-25 | 41.3 | 1.6 | 220.2 | 固定球 Fixing Ball |
| 10" | 254 | 568 | 559 | 335 | 495 | 600 | 115.5 | 350 | 324 | 387.5 | 444 | 16-29 | 17.7 | 1.6 | 365 | |
| 12" | 305 | 648 | 635 | 385 | 580 | 800 | 171 | 420 | 381 | 451 | 520.8 | 16-32 | 50.8 | 1.6 | 530 | |
| 14" | 337 | 762 | 762 | 430 | 325 | 800 | 171 | 420 | 412.8 | 514.5 | 584.2 | 20-32 | 53.8 | 1.6 | 740 | |
| 16" | 387 | 838 | 838 | 470 | 720 | 800 | 257 | 400 | 469.9 | 571.5 | 647.8 | 20-35 | 57.2 | 1.6 | 1030 | |
| 20" | 489 | 991 | 991 | 590 | 840 | 800 | 257 | 400 | 58.2 | 685.8 | 774.8 | 24-35 | 63.5 | 1.6 | 1540 | |
| 24" | 591 | 1143 | 1143 | 700 | 1050 | 800 | 150 | 410 | 692.2 | 812.8 | 914.4 | 24-41 | 69.8 | 1.6 | 2600 | |
| 28" | 686 | 1346 | 1346 | 780 | 1150 | 800 | 83 | 650 | 800.1 | 938.8 | 1035 | 28-44.5 | 85.9 | 1.6 | 3900 | |





## 主要外形和连接尺寸 Main External and Connection Dimension

CLASS 400 A4B(3)41,(3)47,(3)67F(N.PPL).(P.R.V)

单位Unit:mm

| DN | 主要外形尺寸和连接尺寸（mm）Main external and connecting dimensions | | | | | | | | | | | | | | WT (Kg) | 备注 Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | d | L | LB焊接 Welding | H1 | H2 | W | M | K | D2 | D1 | D | N-Φ | b | f | | |
| 1/2" | 13 | 165 | 160 | – | 59 | 130 | – | – | 35 | 66.5 | 95 | 95 | 14.3 | 6.4 | 6.5 | 浮动球 Float Ball |
| 3/4" | 19 | 190 | 190 | – | 63 | 160 | – | – | 43 | 82.5 | 117 | 117 | 15.9 | 6.4 | 9 | |
| 1" | 25 | 216 | 216 | – | 75 | 160 | – | – | 51 | 89 | 124 | 124 | 17.5 | 6.4 | 13 | |
| 11/2" | 38 | 241 | 241 | – | 95 | 230 | – | – | 73 | 114.5 | 156 | 156 | 22.3 | 6.4 | 16.5 | |
| 2" | 51 | 292 | 292 | – | 107 | 700 | – | – | 92 | 127 | 165 | 165 | 25.4 | 6.4 | 25 | 固定球 Fixing Ball 浮动球 Float Ball |
| 4" | 102 | 406 | 406 | – | 178 | 700 | – | – | 157.2 | 200 | 254 | 254 | 35 | 6.4 | 66 | |
| 6" | 152 | 495 | 495 | 250 | 300 | 600 | 116.5 | 350 | 216 | 270 | 317.5 | 317.5 | 41 | 6.4 | 145 | |
| 8" | 203 | 597 | 597 | 294 | 374 | 800 | 171 | 400 | 269.8 | 330 | 381 | 381 | 47.8 | 6.4 | 250 | 固定球 Fixing Ball |
| 10" | 254 | 673 | 673 | 370 | 445 | 800 | 171 | 420 | 324 | 387.5 | 445 | 445 | 53.8 | 6.4 | 540 | |
| 12" | 305 | 762 | 762 | 420 | 515 | 800 | 257 | 400 | 381 | 451 | 521 | 521 | 57 | 6.4 | 780 | |
| 14" | 337 | 826 | 826 | 460 | 550 | 800 | 257 | 400 | 413 | 514.5 | 584 | 584 | 60.5 | 6.4 | 1000 | |
| 16" | 387 | 902 | 902 | 505 | 615 | 800 | 257 | 400 | 470 | 571.5 | 648 | 648 | 63.5 | 6.4 | 1300 | |
| 20" | 489 | 1054 | 1054 | 630 | 810 | 800 | 159 | 410 | 584.2 | 686 | 775 | 775 | 69.8 | 6.4 | 2100 | |
| 24" | 591 | 1232 | 1232 | 685 | 845 | 800 | 180 | 565 | 692.2 | 812.8 | 915 | 915 | 76 | 6.4 | 3400 | |
| 28" | 686 | 1397 | 1397 | 860 | 1087 | 800 | 200 | 575 | 800 | 939.8 | 1035 | 1035 | 95.3 | 6.4 | 5000 | |

## 主要外形和连接尺寸 Main External and Connection Dimension

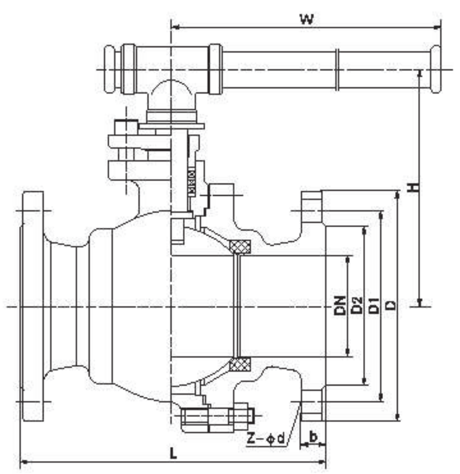
CLASS 150 A1B(3)41,(3)61,(3)67F(N.PPL).(P.R.V)

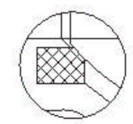
单位Unit:mm

| DN | 主要外形尺寸和连接尺寸（mm）Main external and connecting dimensions | | | | | | | | | | | | | | WT (Kg) | 备注 Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | d | L | LB焊接 Welding | H1 | H2 | W | M | K | D2 | D1 | D | N-Φ | b | f | | |
| 1/2" | 13 | 165 | 165 | – | 59 | 160 | – | – | 35 | 56.5 | 95 | 95 | 14.3 | 6.4 | 7.5 | 浮动球 Float Ball |
| 3/4" | 19 | 190 | 190 | – | 63 | 160 | – | – | 43 | 82.5 | 117 | 117 | 15.9 | 6.4 | 10.5 | |
| 1" | 25 | 216 | 216 | – | 75 | 230 | – | – | 51 | 89 | 124 | 124 | 17.5 | 6.4 | 14.5 | |
| 11/2" | 38 | 241 | 241 | – | 95 | 400 | – | – | 73 | 114.5 | 156 | 156 | 22.3 | 6.4 | 18.5 | |
| 2" | 51 | 292 | 292 | – | 107 | 700 | – | – | 92 | 127 | 165 | 165 | 25.4 | 6.4 | 25 | 固定球 Fixing Ball 浮动球 Float Ball |
| 4" | 102 | 432 | 432 | – | 178 | 1100 | – | – | 157.2 | 216 | 273 | 254 | 38 | 6.4 | 76 | |
| 6" | 152 | 559 | 559 | 250 | 300 | 600 | 116 | 350 | 216 | 282.1 | 355.6 | 317.5 | 47.2 | 6.4 | 127 | |
| 8" | 203 | 660 | 660 | 294 | 374 | 800 | 171 | 400 | 269.8 | 349.2 | 419.5 | 381 | 55.7 | 6.4 | 350 | 固定球 Fixing Ball |
| 10" | 254 | 787 | 787 | 370 | 445 | 800 | 171 | 420 | 324 | 431.8 | 508 | 445 | 63.5 | 6.4 | 660 | |
| 12" | 305 | 838 | 838 | 420 | 515 | 800 | 257 | 400 | 381 | 489 | 559 | 521 | 66.5 | 6.4 | 820 | |
| 14" | 337 | 889 | 889 | 460 | 550 | 800 | 257 | 400 | 413 | 527 | 603.2 | 584 | 69.8 | 6.4 | 1130 | |
| 16" | 387 | 991 | 991 | 505 | 615 | 800 | 257 | 400 | 470 | 603.2 | 686 | 648 | 76.2 | 6.4 | 1550 | |
| 20" | 489 | 1194 | 1194 | 630 | 810 | 800 | 150 | 410 | 584.2 | 724 | 818 | 775 | 89 | 6.4 | 2800 | |
| 24" | 591 | 1397 | 1397 | 625 | 1010 | 800 | 83 | 650 | 692.2 | 838.2 | 940 | 915 | 101.6 | 6.4 | 5300 | |
| 28" | 686 | 1549 | 1549 | 970 | 1180 | 800 | 123 | 800 | 800 | 965.2 | 1073 | 1035 | 111.3 | 6.4 | 6500 | |

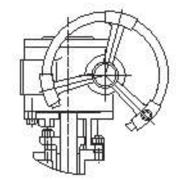
## 法兰球阀 Float Ball Valve

Q41/641/9B41F-16C/P



防火结构
Fire durable



蜗轮传动
Worm gear operation

### 主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

| 公称通径 DN | 主要外形尺寸和连接尺寸（mm）Main external and connecting dimensions | | | | | | | | WT (Kg) |
|---|---|---|---|---|---|---|---|---|---|
| | L | D | D1 | D2 | b | z-Φ | H | W | |
| | Q41F-16C Q41F-16P Q641F-16C Q641F-16P Q9B41F-16C Q9B41F-16P | | | | | | | | |
| 15 | 130 | 95 | 65 | 45 | 14 | 4-Φ14 | 78 | 140 | 3 |
| 20 | 140 | 105 | 75 | 55 | 14 | 4-Φ14 | 84 | 160 | 4 |
| 25 | 150 | 115 | 85 | 65 | 14 | 4-Φ14 | 95 | 180 | 5 |
| 32 | 165 | 135 | 100 | 78 | 16 | 4-Φ18 | 150 | 250 | 9 |
| 40 | 180 | 145 | 110 | 85 | 16 | 4-Φ18 | 150 | 300 | 11 |
| 50 | 200 | 160 | 125 | 100 | 16 | 4-Φ18 | 170 | 350 | 15 |
| 65 | 220 | 180 | 145 | 120 | 18 | 4-Φ18 | 195 | 350 | 19 |
| 80 | 250 | 195 | 160 | 135 | 20 | 8-Φ18 | 215 | 400 | 27 |
| 100 | 280 | 215 | 180 | 155 | 20 | 8-Φ18 | 250 | 500 | 38 |
| 125 | 320 | 245 | 210 | 185 | 22 | 8-Φ18 | 265 | 600 | 58 |
| 150 | 360 | 280 | 240 | 210 | 24 | 8-Φ18 | 270 | 800 | 81 |
| 200 | 400 | 335 | 295 | 265 | 26 | 12-Φ23 | 330 | 800 | 95 |
| 250 | 533 | 405 | 355 | 320 | 30 | 12-Φ25 | 450 | 1300 | 140 |



## 法兰球阀 Float Ball Valve

Q41/341/641/941P-25~64(P)

### 主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

| 公称通径 DN | 主要外形尺寸和连接尺寸（mm）Main external and connecting dimensions | | | | | | | | WT(Kg) |
|---|---|---|---|---|---|---|---|---|---|
| | L | D | D1 | D2 | b | Z-ϕd | H | W | |
| | Q41F-25 Q41F-25P Q641F-25 Q641F-25P Q9B41F-25 Q9B41F-25P | | | | | | | | |
| 15 | 130 | 95 | 65 | 45 | 16 | 4-ϕ14 | 103 | 100 | 3 |
| 20 | 140 | 105 | 75 | 55 | 16 | 4-ϕ14 | 112 | 160 | 4 |
| 25 | 150 | 115 | 85 | 65 | 16 | 4-ϕ14 | 123 | 160 | 6 |
| 32 | 165 | 135 | 100 | 78 | 18 | 4-ϕ18 | 150 | 250 | 10 |
| 40 | 180 | 145 | 110 | 85 | 18 | 4-ϕ18 | 156 | 250 | 14 |
| 50 | 200 | 160 | 125 | 100 | 20 | 4-ϕ18 | 172 | 350 | 20 |
| 65 | 220 | 180 | 145 | 120 | 22 | 8-ϕ18 | 197 | 350 | 25 |
| 80 | 250 | 195 | 160 | 135 | 22 | 8-ϕ18 | 222 | 450 | 30 |
| 100 | 280 | 230 | 190 | 160 | 24 | 8-ϕ23 | 253 | 450 | 40 |
| 125 | 320 | 270 | 220 | 188 | 28 | 8-ϕ25 | 275 | 600 | 65 |
| 150 | 360 | 300 | 250 | 218 | 30 | 8-ϕ25 | 286 | 800 | 85 |
| 200 | 400 | 360 | 310 | 278 | 34 | 12-ϕ25 | 340 | 1200 | 100 |
| 250 | 533 | 425 | 370 | 332 | 36 | 12-ϕ30 | 470 | 1400 | 165 |

### 主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

| 公称通径 DN | 主要外形尺寸和连接尺寸（mm）Main external and connecting dimensions | | | | | | | | WT(Kg) |
|---|---|---|---|---|---|---|---|---|---|
| | L | D | D1 | D2 | b | Z-ϕd | H | W | |
| | Q41F-40 Q41F-40P Q341F-40 Q341F-40P Q Q641F-40 Q641F-40P Q9B41F-40 Q9B41F-40P | | | | | | | | |
| 15 | 140 | 95 | 65 | 45 | 16 | 4-ϕ14 | 103 | 100 | 3 |
| 20 | 152 | 105 | 75 | 55 | 16 | 4-ϕ14 | 112 | 160 | 4 |
| 25 | 165 | 115 | 85 | 65 | 16 | 4-ϕ14 | 123 | 160 | 6 |
| 32 | 180 | 135 | 100 | 78 | 18 | 4-ϕ18 | 150 | 250 | 10 |
| 40 | 200 | 145 | 110 | 85 | 18 | 4-ϕ18 | 156 | 250 | 14 |
| 50 | 220 | 160 | 125 | 100 | 20 | 4-ϕ18 | 172 | 350 | 20 |
| 65 | 250 | 180 | 145 | 120 | 22 | 8-ϕ18 | 197 | 350 | 25 |
| 80 | 280 | 195 | 160 | 135 | 22 | 8-ϕ18 | 222 | 450 | 30 |
| 100 | 320 | 230 | 190 | 160 | 24 | 8-ϕ23 | 253 | 450 | 40 |
| 125 | 400 | 270 | 220 | 188 | 28 | 8-ϕ25 | 275 | 600 | 65 |
| 150 | 403 | 300 | 250 | 218 | 30 | 8-ϕ25 | 286 | 800 | 85 |
| 200 | 502 | 375 | 320 | 282 | 38 | 12-ϕ30 | 340 | 1200 | 100 |
| 250 | 568 | 445 | 385 | 345 | 42 | 12-ϕ34 | 470 | 1400 | 165 |

### 主要外形和连接尺寸 Main External and Connection Dimension

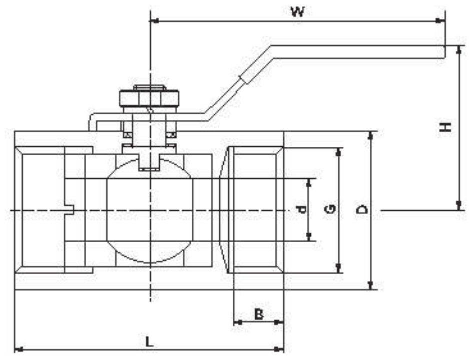
单位Unit:mm

| 公称通径 DN | 主要外形尺寸和连接尺寸（mm）Main external and connecting dimensions | | | | | | | | WT(Kg) |
|---|---|---|---|---|---|---|---|---|---|
| | L | D | D1 | D2 | b | Z-ϕd | H | W | |
| | Q41F-64 Q41F-64P Q341F-64 Q341F-64P Q641F-64 Q641F-64P Q9B41F-64 Q9B41F-64P | | | | | | | | |
| 15 | 165 | 105 | 75 | 55 | 18 | 4-ϕ14 | 105 | 130 | 3.1 |
| 20 | 190 | 125 | 90 | 68 | 20 | 4-ϕ18 | 125 | 130 | 4.9 |
| 25 | 216 | 135 | 100 | 78 | 22 | 4-ϕ18 | 135 | 160 | 7.2 |
| 32 | 229 | 150 | 110 | 82 | 24 | 4-ϕ23 | 150 | 160 | 8.7 |
| 40 | 241 | 165 | 125 | 95 | 24 | 4-ϕ23 | 165 | 230 | 12.1 |
| 50 | 292 | 175 | 135 | 105 | 26 | 4-ϕ23 | 175 | 230 | 16.7 |
| 65 | 330 | 200 | 160 | 130 | 28 | 8-ϕ23 | 200 | 400 | 28.2 |
| 80 | 356 | 210 | 170 | 140 | 30 | 8-ϕ23 | 210 | 400 | 36 |
| 100 | 432 | 250 | 200 | 168 | 32 | 8-ϕ25 | 250 | 700 | 66 |
| 125 | 508 | 295 | 240 | 202 | 36 | 8-ϕ30 | 295 | 1100 | 98 |
| 150 | 559 | 340 | 280 | 240 | 38 | 8-ϕ34 | 340 | 1500 | 142 |

# 内螺纹球阀 Inside Screw Ball Valve

Q11F-16~40C/P/R

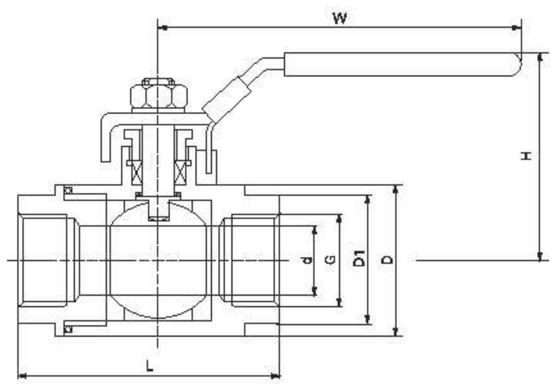
内螺纹球阀 Inside Screw Ball Valve
Q11F-16~40C/P/R




**主要外形和连接尺寸 Main External and Connection Dimenion**

单位Unit:mm

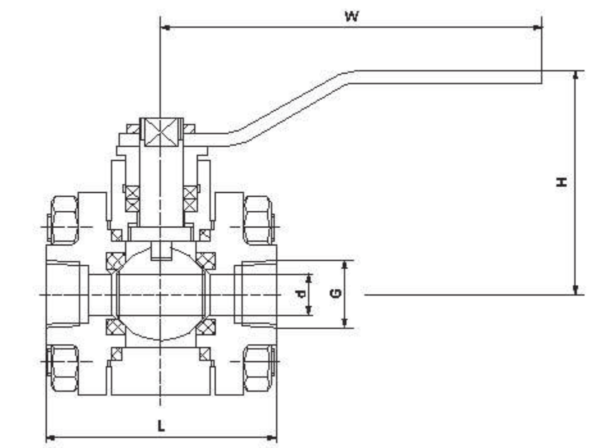
| 公称通径 DN | PN1.6/2.5/4.0MPa，Class 150Lb/Class 300Lb | | | | | | | WT (kg) |
|---|---|---|---|---|---|---|---|---|
| | L | d | G | D | B | H | W | |
| 6 | 60 | 8 | 1/4" | 30 | 11.5 | 56 | 110 | 0.26 |
| 10 | 60 | 10 | 3/8" | 31 | 11.5 | 58 | 110 | 0.30 |
| 15 | 60 | 10 | 1/2" | 32 | 14 | 58 | 110 | 0.36 |
| 20 | 67 | 13.5 | 3/4" | 38 | 15 | 62 | 110 | 0.45 |
| 25 | 73 | 18 | 1" | 45 | 15 | 68 | 110 | 0.65 |
| 32 | 90 | 22 | 11/4" | 54 | 18 | 75 | 150 | 0.95 |
| 40 | 98 | 26 | 11/2" | 63 | 19 | 83 | 150 | 1.47 |
| 50 | 112 | 32.8 | 2" | 73 | 19 | 90 | 180 | 1.94 |




**主要外形和连接尺寸Main External and Connection Dimenion**

单位Unit:mm

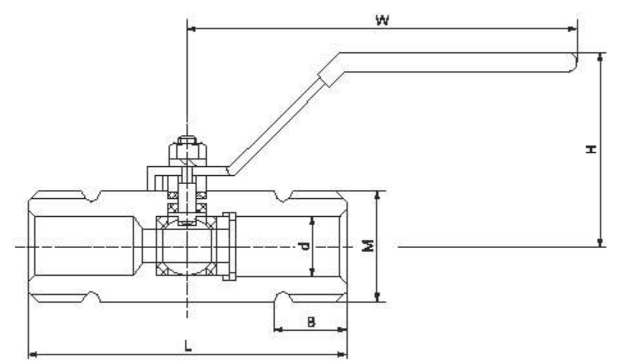
| 公称通径 DN | PN1.6/2.5/4.0MPa，Class 150Lb/Class 300Lb | | | | | | | WT (kg) |
|---|---|---|---|---|---|---|---|---|
| | L | d | G | D | B | H | W | |
| 10 | 80 | 10 | 3/8" | 45 | 31.2 | 72 | 140 | 0.62 |
| 15 | 90 | 10 | 1/2" | 48 | 34.6 | 76 | 140 | 0.87 |
| 20 | 100 | 13.5 | 3/4" | 58 | 41.6 | 81 | 160 | 2 |
| 25 | 115 | 18 | 1" | 66 | 53.1 | 92 | 180 | 4 |
| 32 | 130 | 22 | 11/4" | 80 | 63.5 | 112 | 200 | 5 |
| 40 | 150 | 26 | 11/2" | 90 | 69.3 | 121 | 250 | 7.5 |
| 50 | 180 | 32.8 | 2" | 114 | 86.5 | 137 | 300 | 10 |




**主要外形和连接尺寸 Main External and Connection Dimenion**

单位Unit:mm

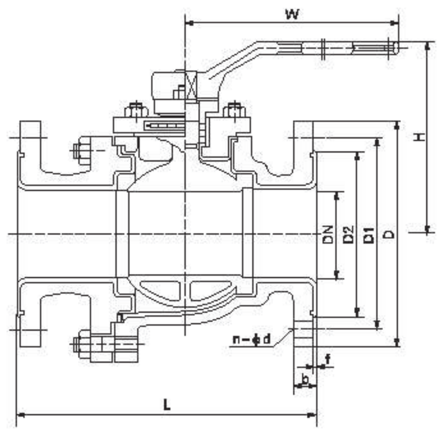
| 公称通径 DN | PN1.6/2.5/4.0MPa Class 150Lb/Class 300Lb | | | | | WT (kg) |
|---|---|---|---|---|---|---|
| | L | d | G | H | W | |
| 10 | 65 | 8 | 3/8" | 40 | 110 | 0.6 |
| 15 | 75 | 11 | 1/2" | 46 | 110 | 0.72 |
| 20 | 80 | 14 | 3/4" | 54 | 110 | 0.9 |
| 25 | 90 | 21 | 1" | 64 | 140 | 1.7 |
| 32 | 110 | 25 | 11/4" | 69 | 140 | 1.9 |
| 40 | 120 | 32 | 11/2" | 76 | 155 | 3.1 |
| 50 | 140 | 38 | 2" | 86 | 180 | 4.3 |

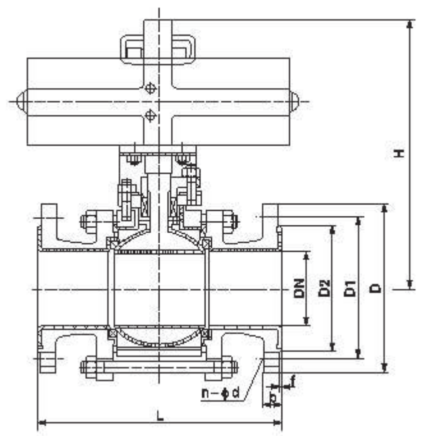



**主要外形和连接尺寸 Main External and Connection Dimenion**

单位Unit:mm

| 公称通径 DN | PN1.6/2.5/4.0MPa Class 150Lb/Class 300Lb | | | | | | WT (kg) |
|---|---|---|---|---|---|---|---|
| | L | d | M | B | H | W | |
| 6 | 60 | 8 | M20x1.5 | 15 | 38 | 110 | 0.4 |
| 10 | 60 | 10 | M24x1.5 | 16 | 40 | 110 | 0.45 |
| 15 | 60 | 10 | M30x2 | 18 | 42 | 110 | 0.5 |
| 20 | 67 | 13.5 | M36x2 | 18 | 62 | 110 | 0.6 |
| 25 | 73 | 18 | M42x2 | 20 | 68 | 110 | 0.9 |
| 32 | 90 | 22 | M52x2 | 20 | 75 | 150 | 1.4 |
| 40 | 98 | 26 | M60x2 | 25 | 83 | 150 | 2.1 |
| 50 | 112 | 32.8 | M72x2 | 25 | 90 | 150 | 2.6 |




## 执行标准 Administer standard

| 设计规范 Design Spec | 结构长度 Face to Face | 连接法兰 Flange End | 试验与检验 Test & Check | 产品标识 Marking | 供货范围 Supply |
|---|---|---|---|---|---|
| GB/T 12237 | GB/T 12221 | JB/T 78; JB/T 79 | GB/T 13927 | GB/T 12220 | JB/T 7928 |

## 产品性能规范 Chief property and specification

| 衬里//阀座 Lining/seat | 代号 | 适用温度℃ Suitale Temperature ℃ | 适用介质 Sultacle medium |
|---|---|---|---|
| PTFE(F4) | F4 | ≤180 | 除熔融碱金属，元素氟外的各种浓度的酸、碱、盐、王水、、有机酸等强腐蚀性介质 All kinds of acid, alkali, salt, aqua regia, organic acid etc strong corrosive medium except molten alkali metals and element fluor in. |
| PCTFE(F3) | F3 | ≤120 | |
| FEP(F46) | F6 | ≤150 | |
| PFA(可溶性F4) | FA | ≤180 | |
| PVDF(F2) | F2 | ≤100 | |
| RPTFE(RF4) | FR4 | ≤180 | |

## 主要零件材料 Material for main parts

| 零件名称 Part Name | 灰铸铁 Gray cast iron | 铸铁 Gray steel | 不锈耐酸铸钢 Stainless acid resistant cast steel | | 超低碳不锈耐酸铸钢 Super-low -stainless acid resistant cast steel | |
|---|---|---|---|---|---|---|
| | Z | C | P | R | PL | RL |
| 阀体/端盖 Dody/cover | HT250 | WCB | CF8 | CF8M | CF3 | CF3M |
| 球体/阀杆 Dall/stem | WCB | | CF8 | CF8M | CF3 | CF3M |
| 衬里/阀座 Lining/seat | PTFE(F4)、PCTFE(F3)、FEP(F46)、PFA(可溶性F4) | | | | | |
| 填料压盖 Packing cover | WCB | | CF8 | CF8M | CF3 | CF3M |
| 填料 Packing | PTFE(F4) | | PTFE(F4) | | PTFE(F4) | |
| 支架 Net shelf | 35 | | 1Cr18NI19TI | | 1Cr18NI19TI | |
| 螺栓 Bolt | 35 | | 1Cr17Ni2 | | 1Cr18Ni9Ti | |
| 禁铜螺母 Clamp bolt | 45 | | 0Cr18Ni9 | | 0Cr18Ni9 | |
| 操作手柄 Handle | WCB | | WCB | | WCB | |





## 主要外形和连接尺寸 Main External and Connection Dimenion

| DN (mm) | NPS (inch) | L | D | D1 | D2 | f | b | n-ϕd | W | D0 | H | WT(Kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PN 1.0MPa | | | | | | | | | | |
| 15 | 1/2 | 130 | 95 | 65 | 45 | 2 | 14 | 4-ϕ14 | 120 | - | 80 | 2.5 |
| 20 | 3/4 | 130 | 105 | 75 | 55 | 2 | 16 | 4-ϕ14 | 140 | - | 90 | 3 |
| 25 | 1 | 140 | 115 | 85 | 65 | 2 | 16 | 4-ϕ14 | 16 | - | 100 | 4.5 |
| 32 | 11/4 | 165 | 135 | 100 | 78 | 2 | 18 | 4-ϕ18 | 16 | - | 110 | 5.7 |
| 40 | 11/2 | 165 | 145 | 110 | 85 | 3 | 18 | 4-ϕ18 | 200 | - | 120 | 7 |
| 50 | 2 | 203 | 160 | 125 | 100 | 3 | 20 | 4-ϕ18 | 250 | - | 135 | 9.5 |
| 65 | 1/2 | 222 | 180 | 145 | 120 | 3 | 20 | 4-ϕ18 | 300 | - | 145 | 15 |
| 80 | 3 | 241 | 195 | 160 | 135 | 3 | 22 | 4-ϕ18 | 350 | - | 185 | 19 |
| 100 | 4 | 305 | 215 | 180 | 155 | 3 | 22 | 8-ϕ18 | 400 | - | 195 | 33 |
| 125 | 5 | 356 | 245 | 210 | 185 | 3 | 24 | 8-ϕ18 | 500 | - | 210 | 58 |
| 150 | 6 | 394 | 280 | 240 | 210 | 3 | 24 | 8-ϕ23 | - | 200 | 450 | 93 |
| 200 | 8 | 457 | 335 | 295 | 265 | 3 | 26 | 8-ϕ23 | - | 240 | 490 | 155 |
| 250 | 10 | 533 | 390 | 350 | 320 | 3 | 28 | 12-ϕ23 | - | 240 | 550 | 210 |
| PN 1.6MPa | | | | | | | | | | | | |
| 15 | 1/2 | 130 | 95 | 65 | 45 | 2 | 14 | 4-ϕ14 | 120 | - | 80 | 2.5 |
| 20 | 3/4 | 130 | 105 | 75 | 55 | 2 | 16 | 4-ϕ14 | 140 | - | 90 | 3 |
| 25 | 1 | 140 | 115 | 85 | 65 | 2 | 16 | 4-ϕ14 | 16 | - | 100 | 4.5 |
| 32 | 11/4 | 165 | 135 | 100 | 78 | 2 | 18 | 4-ϕ18 | 16 | - | 110 | 5.7 |
| 40 | 11/2 | 165 | 145 | 110 | 85 | 3 | 18 | 4-ϕ18 | 200 | - | 120 | 7 |
| 50 | 2 | 203 | 160 | 125 | 100 | 3 | 20 | 4-ϕ18 | 250 | - | 135 | 9.5 |
| 65 | 21/2 | 222 | 180 | 145 | 120 | 3 | 20 | 4-ϕ18 | 300 | - | 145 | 15 |
| 80 | 3 | 241 | 195 | 160 | 135 | 3 | 22 | 8-ϕ18 | 350 | - | 185 | 19 |
| 100 | 4 | 305 | 215 | 180 | 155 | 3 | 24 | 8-ϕ18 | 400 | - | 195 | 33 |
| 125 | 5 | 356 | 245 | 210 | 185 | 3 | 26 | 8-ϕ18 | 500 | - | 210 | 58 |
| 150 | 6 | 394 | 280 | 240 | 210 | 3 | 28 | 8-ϕ23 | - | 200 | 450 | 93 |
| 200 | 8 | 457 | 335 | 295 | 265 | 3 | 30 | 12-ϕ23 | - | 240 | 490 | 155 |
| PN 2.5MPa | | | | | | | | | | | | |
| 15 | 1/2 | 130 | 95 | 65 | 45 | 2 | 16 | 4-ϕ14 | 120 | - | 80 | 2.5 |
| 20 | 3/4 | 130 | 105 | 75 | 55 | 2 | 16 | 4-ϕ14 | 140 | - | 90 | 3 |
| 25 | 1 | 140 | 115 | 85 | 65 | 2 | 18 | 4-ϕ14 | 16 | - | 100 | 4.5 |
| 32 | 11/4 | 165 | 135 | 100 | 78 | 2 | 18 | 4-ϕ18 | 16 | - | 110 | 5.7 |
| 40 | 11/2 | 165 | 145 | 110 | 85 | 3 | 18 | 4-ϕ18 | 200 | - | 120 | 7 |
| 50 | 2 | 203 | 160 | 125 | 100 | 3 | 20 | 4-ϕ18 | 250 | - | 135 | 9.5 |
| 65 | 21/2 | 222 | 180 | 145 | 120 | 3 | 22 | 8-ϕ18 | 300 | - | 145 | 15 |
| 80 | 3 | 241 | 195 | 160 | 135 | 3 | 22 | 8-ϕ18 | 300 | - | 185 | 19 |
| 100 | 4 | 305 | 230 | 190 | 160 | 3 | 24 | 8-ϕ23 | - | 200 | 195 | 33 |
| 125 | 5 | 356 | 270 | 220 | 188 | 3 | 28 | 8-ϕ25 | - | 200 | 210 | 58 |
| 150 | 6 | 394 | 300 | 250 | 218 | 3 | 30 | 12-ϕ25 | - | 200 | 450 | 93 |

# Tianjin KXC Metal Products Co., Ltd.

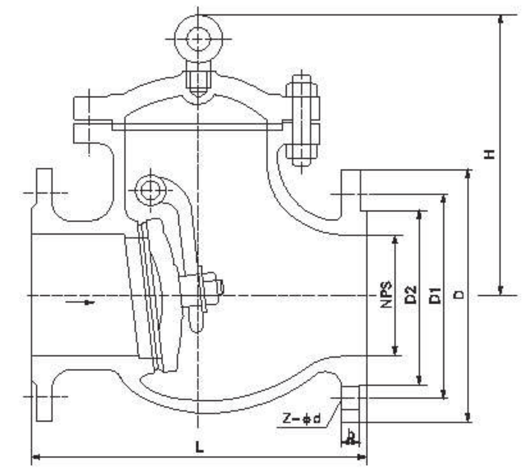
## HIGH COST PERFORMANCE
## VALVE SUPPLIER

## 止回阀系列 Check Valves Series





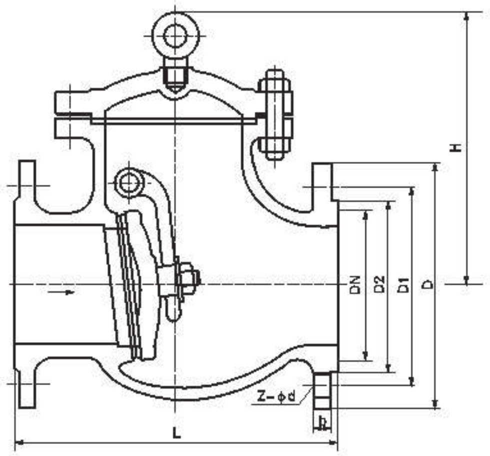





**主要外形和连接尺寸 Main external and connection dimension**

单位Unit: mm

| NPS | DN | Class 150Lb/300Lb/600Lb | | | | | | | WT (Kg) |
|---|---|---|---|---|---|---|---|---|---|
| in | mm | L | D | D1 | D2 | b | Z-ϕd | H | |
| 2' | 50 | 203 | 157 | 120.7 | 92 | 19.50 | 4-ϕ19 | 161 | 17 |
| 21/2' | 65 | 216 | 178 | 139.7 | 105 | 22.5 | 4-ϕ19 | 180 | 23 |
| 3' | 80 | 241 | 190.5 | 152.4 | 127 | 24 | 4-ϕ19 | 190 | 33 |
| 4' | 100 | 292 | 229 | 190.50 | 157.2 | 24 | 8-ϕ19 | 220 | 44 |
| 6' | 150 | 356 | 279 | 241.5 | 216 | 25.5 | 8-ϕ22.5 | 257 | 78 |
| 8' | 200 | 495 | 343 | 298.5 | 270 | 29 | 8-ϕ22.5 | 292 | 137 |
| 10' | 250 | 622 | 406 | 362 | 324 | 30.5 | 12-ϕ25 | 350 | 207 |
| 12' | 300 | 698 | 483 | 432 | 381 | 32 | 12-ϕ25 | 398 | 279 |
| 14' | 350 | 787 | 533 | 476.8 | 413 | 35 | 12-ϕ29 | 445 | 387 |
| 16' | 400 | 864 | 597 | 539.8 | 470 | 37 | 16-ϕ29 | 490 | 446 |
| 18' | 450 | 978 | 635 | 577.8 | 533 | 40 | 16-ϕ32 | 520 | 621 |
| 20' | 500 | 978 | 698 | 635 | 584 | 43 | 20-ϕ32 | 546 | 770 |
| 24' | 600 | 1295 | 813 | 749.3 | 692 | 48 | 20-ϕ35 | 880 | 970 |
| 2' | 50 | 267 | 165 | 127 | 92 | 22.5 | 8-ϕ19 | 179.5 | 20 |
| 21/2' | 65 | 292 | 190 | 150 | 105 | 25 | 8-ϕ22 | 190 | 24 |
| 3' | 80 | 318 | 210 | 168 | 127 | 29.0 | 8-ϕ22.5 | 212.4 | 40 |
| 4' | 100 | 356 | 254 | 200 | 157 | 32.0 | 8-ϕ22.5 | 246 | 51 |
| 6' | 150 | 445 | 317.5 | 269.7 | 216 | 37.0 | 12-ϕ22.5 | 292 | 90 |
| 8' | 200 | 533 | 381 | 330 | 270 | 41.5 | 12-ϕ25.5 | 328 | 175 |
| 10' | 250 | 622 | 444.5 | 387 | 324 | 48.0 | 16-ϕ28.5 | 378.6 | 210 |
| 12' | 300 | 711 | 521 | 451 | 381 | 51.0 | 16-ϕ32 | 420 | 286 |
| 14' | 350 | 838 | 584 | 514 | 54 | 54 | 20-ϕ32 | 470 | 400 |
| 16' | 400 | 864 | 648 | 572 | 57 | 57 | 20-ϕ35 | 530 | 550 |
| 18' | 450 | 978 | 711 | 629 | 60 | 60 | 24-ϕ35 | 584 | 700 |
| 20' | 500 | 1016 | 775 | 686 | 64 | 64 | 24-ϕ35 | 610 | 860 |
| 24' | 600 | 1346 | 914 | 813 | 70 | 70 | 24-ϕ41 | 860 | 1931 |
| 2' | 50 | 292 | 165 | 127 | 92 | 25 | 8-ϕ19 | 203 | 34 |
| 21/2' | 65 | 330 | 190 | 150 | 105 | 29 | 8-ϕ22 | 229 | 45 |
| 3' | 80 | 356 | 210 | 168 | 127 | 32 | 8-ϕ22 | 235 | 63 |
| 4' | 100 | 432 | 273 | 216 | 157 | 38 | 8-ϕ25 | 286 | 114 |
| 6' | 150 | 559 | 356 | 292 | 216 | 48 | 8-ϕ29 | 330 | 207 |
| 8' | 200 | 660 | 419 | 349 | 270 | 56 | 12-ϕ29 | 381 | 387 |
| 10' | 250 | 787 | 508 | 432 | 324 | 64 | 12-ϕ32 | 457 | 580 |
| 12' | 300 | 838 | 559 | 489 | 381 | 67 | 16-ϕ35 | 584 | 778 |
| 14' | 350 | 889 | 603 | 527 | 413 | 70 | 20-ϕ38 | 635 | 9869 |
| 16' | 400 | 991 | 686 | 603 | 470 | 76 | 20-ϕ41 | 684 | 1380 |


**主要外形和连接尺寸 Main external and connection dimension**

单位Unit: mm

| 公称通径 DN | 主要外形尺寸和连接尺寸（mm）Main external and connecting dimensions | | | | | | | WT (Kg) |
|---|---|---|---|---|---|---|---|---|
| | L | D | D1 | D2 | b | Z-ϕd | H | |
| H44H-16C H44W-16C H44W-16P H44W-16R H44W-16 I | | | | | | | | |
| 50 | 230 | 160 | 125 | 100 | 16 | 4-ϕ18 | 135 | 21 |
| 65 | 290 | 180 | 145 | 120 | 18 | 4-ϕ18 | 142 | 28 |
| 80 | 310 | 195 | 160 | 135 | 20 | 8-ϕ18 | 165 | 38 |
| 100 | 350 | 215 | 180 | 155 | 20 | 8-ϕ18 | 180 | 58 |
| 125 | 400 | 245 | 210 | 185 | 22 | 8-ϕ18 | 210 | 92 |
| 150 | 480 | 280 | 240 | 210 | 24 | 8-ϕ23 | 233 | 130 |
| 200 | 500 | 335 | 295 | 265 | 26 | 12-ϕ23 | 304 | 210 |
| 250 | 550 | 405 | 355 | 320 | 30 | 12-ϕ25 | 348 | 294 |
| 300 | 650 | 460 | 410 | 375 | 30 | 12-ϕ25 | 390 | 367 |
| 350 | 750 | 520 | 470 | 435 | 34 | 16-ϕ25 | 430 | 410 |
| 400 | 850 | 580 | 525 | 485 | 36 | 16-ϕ30 | 468 | 461 |
| 450 | 950 | 640 | 585 | 545 | 40 | 20-ϕ30 | 523 | 570 |
| 500 | 1025 | 705 | 650 | 608 | 44 | 20-ϕ34 | 525 | 850 |
| H44W-25 H44W-25 H44W-25P H44W-25R H44W-25 I | | | | | | | | |
| 50 | 230 | 160 | 125 | 100 | 20 | 4-ϕ18 | 160 | 22 |
| 65 | 290 | 180 | 145 | 120 | 22 | 8-ϕ18 | 175 | 29 |
| 80 | 310 | 195 | 160 | 135 | 22 | 8-ϕ18 | 185 | 38 |
| 100 | 350 | 230 | 190 | 160 | 24 | 8-ϕ23 | 220 | 61 |
| 125 | 400 | 270 | 220 | 188 | 28 | 8-ϕ25 | 248 | 96 |
| 150 | 480 | 300 | 250 | 218 | 30 | 8-ϕ25 | 276 | 132 |
| 200 | 550 | 360 | 310 | 278 | 34 | 12-ϕ25 | 350 | 213 |
| 250 | 650 | 425 | 370 | 332 | 36 | 12-ϕ30 | 410 | 297 |
| 300 | 750 | 485 | 430 | 390 | 40 | 16-ϕ30 | 430 | 372 |
| 350 | 850 | 550 | 490 | 448 | 44 | 16-ϕ34 | 518 | 415 |
| 400 | 950 | 610 | 550 | 505 | 48 | 16-ϕ34 | 560 | 480 |
| 450 | 1025 | 660 | 600 | 555 | 50 | 20-ϕ34 | 582 | 610 |
| 500 | 1150 | 730 | 660 | 610 | 52 | 20-ϕ41 | 618 | 920 |





**主要外形和连接尺寸 Main external and connection dimension**

单位Unit: mm

| 公称通径 DN | 主要外形尺寸和连接尺寸（mm）Main external and connecting dimensions | | | | | | | | | | WT (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | L | D | D1 | D2 | D6 | b | f | f2 | Z-ϕd | H | |
| H44H-40 H44W-40 H44W-40P H44W-40R H44W-40I | | | | | | | | | | | |
| 50 | 230 | 160 | 125 | 100 | 88 | 20 | 3 | 4 | 4-ϕ18 | 169 | 22 |
| 65 | 290 | 180 | 145 | 120 | 110 | 22 | 3 | 4 | 8-ϕ18 | 173 | 29 |
| 80 | 310 | 195 | 160 | 135 | 121 | 22 | 3 | 4 | 8-ϕ18 | 185 | 38 |
| 100 | 350 | 230 | 190 | 160 | 150 | 24 | 3 | 4.5 | 8-ϕ23 | 220 | 61 |
| 125 | 400 | 270 | 220 | 188 | 176 | 28 | 3 | 4.5 | 8-ϕ25 | 248 | 96 |
| 150 | 480 | 300 | 250 | 218 | 204 | 30 | 3 | 4.5 | 8-ϕ25 | 270 | 132 |
| 200 | 550 | 375 | 320 | 282 | 260 | 38 | 3 | 4.5 | 12-ϕ30 | 342 | 213 |
| 250 | 650 | 445 | 385 | 345 | 313 | 42 | 3 | 4.5 | 12-ϕ34 | 401 | 297 |
| 300 | 750 | 510 | 450 | 408 | 364 | 46 | 4 | 4.5 | 16-ϕ34 | 423 | 372 |
| 350 | 850 | 570 | 510 | 465 | 422 | 52 | 4 | 5 | 16-ϕ34 | 455 | 415 |
| 400 | 950 | 655 | 585 | 535 | 474 | 58 | 4 | 5 | 16-ϕ41 | 510 | 480 |

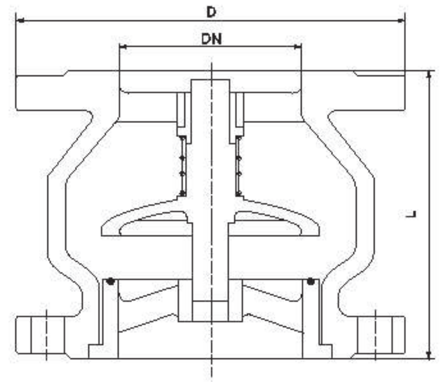
**主要外形和连接尺寸 Main external and connection dimension**

单位Unit: mm

| 公称通径 DN | 主要外形尺寸和连接尺寸（mm）Main external and connecting dimensions | | | | | | | | | | WT (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | L | D | D1 | D2 | D6 | b | f | f2 | Z-ϕd | H | |
| H44H-64 H44W-64 H44W-64P H44W-64R H44W-64I | | | | | | | | | | | |
| 50 | 300 | 175 | 135 | 105 | 88 | 26 | 3 | 4 | 4-ϕ23 | 177 | 27 |
| 65 | 340 | 200 | 160 | 130 | 110 | 28 | 3 | 4 | 8-ϕ23 | 197 | 37 |
| 80 | 380 | 210 | 170 | 140 | 121 | 30 | 3 | 4 | 8-ϕ23 | 212 | 57 |
| 100 | 430 | 250 | 200 | 168 | 150 | 32 | 3 | 4.5 | 8-ϕ25 | 248 | 89 |
| 125 | 500 | 295 | 240 | 202 | 176 | 36 | 3 | 4.5 | 8-ϕ30 | 296 | 135 |
| 150 | 550 | 340 | 280 | 240 | 204 | 38 | 3 | 4.5 | 8-ϕ34 | 330 | 184 |
| 200 | 650 | 405 | 345 | 300 | 260 | 44 | 3 | 4.5 | 12-ϕ34 | 385 | 266 |
| 250 | 775 | 470 | 400 | 352 | 313 | 48 | 3 | 4.5 | 12-ϕ41 | 445 | 396 |
| 300 | 900 | 530 | 460 | 412 | 364 | 54 | 4 | 4.5 | 16-ϕ41 | 474 | 643 |
| 350 | 1025 | 595 | 525 | 475 | 422 | 60 | 4 | 5 | 16-ϕ41 | 514 | 815 |
| 400 | 1150 | 670 | 585 | 525 | 474 | 66 | 4 | 5 | 16-ϕ48 | 616 | 1234 |

## 消声止回阀 Noise Elimination Check Valve

HC41X-16




### 性能规范 Technical data

| 公称通径 Nominal Diameter(DN) | 50-200 | |
|---|---|---|
| 公称压力 PN(MPa) Nominal pressure | 16 | 10 |
| 动作压力 Action Pressure | ≥0.12MPa | |
| 适用介质 Suiable medium | 水 Water | |
| 适用温度℃ Suirable temperature | ≥100 | |

### 主要零部件材料 Meterial of Main Parts

| 名称 Name | 阀体 Valve body | 阀板 valve board | 阀杆 Valve pole | 导向支架 Guiding holder | 缓冲环 Slow a ring down |
|---|---|---|---|---|---|
| 材料 Matenal | 铸铁 Casting | 铸铁嵌 Casting Rubber is enclosed | 铸青铜 Bronze | 铸铁、铜环 Castiron, copper are encircled by | 铸铁、铜环 Castiron, copper are encircled by |

—可根据用户需求生产铸青铜，不锈钢阀体的止回阀。
One may produce Zhu bronze according to consumer need, stainless steel valve body non-return valve.

### 外形尺寸及重量 Overall& Connection Dimensions & Wiegh

| 公称压力 PN(MPa) Nominal pressure | 公称通径 DN(mm) Nominal diameter | 尺寸 Size (mm) L | D | K | b | Z-ϕd |
|---|---|---|---|---|---|---|
| 1.0 | 40 | 124 | 145 | 110 | 18 | 4-ϕ18 |
| | 50 | 125 | 165 | 125 | 20 | 4-ϕ18 |
| | 65 | 134 | 185 | 145 | 20 | 4-ϕ18 |
| | 80 | 153 | 200 | 160 | 22 | 8-ϕ18 |
| | 100 | 161 | 220 | 180 | 24 | 8-ϕ18 |
| | 125 | 188 | 250 | 210 | 26 | 8-ϕ18 |
| | 150 | 220 | 285 | 240 | 26 | 8-ϕ18 |
| | 200 | 252 | 340 | 295 | 28 | 8-ϕ18 |
| | 250 | 270 | 395 | 350 | 28 | 12-ϕ22 |
| | 300 | 286 | 445 | 400 | 28 | 12-ϕ22 |
| | 350 | 380 | 505 | 460 | 30 | 16-ϕ22 |
| | 400 | 405 | 565 | 515 | 32 | 16-ϕ26 |
| | 450 | 430 | 615 | 565 | 32 | 20-ϕ26 |
| | 500 | 450 | 670 | 620 | 34 | 20-ϕ26 |
| | 600 | 510 | 780 | 725 | 36 | 20-ϕ26 |

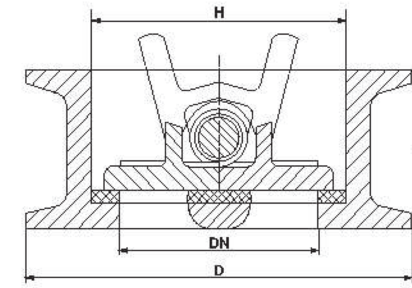
| 公称压力 PN(MPa) Nominal pressure | 公称通径 DN(mm) Nominal diameter | 尺寸 size (mm) L | D | K | b | Z-ϕd |
|---|---|---|---|---|---|---|
| 1.6 | 40 | 124 | 145 | 110 | 18 | 4-ϕ18 |
| | 50 | 125 | 165 | 125 | 20 | 4-ϕ18 |
| | 65 | 134 | 185 | 145 | 20 | 4-ϕ18 |
| | 80 | 153 | 200 | 160 | 22 | 8-ϕ18 |
| | 100 | 161 | 220 | 180 | 24 | 8-ϕ18 |
| | 125 | 188 | 250 | 210 | 26 | 8-ϕ18 |
| | 150 | 220 | 285 | 240 | 26 | 8-ϕ18 |
| | 200 | 252 | 340 | 295 | 30 | 12-ϕ22 |
| | 250 | 270 | 405 | 355 | 32 | 12-ϕ26 |
| | 300 | 286 | 460 | 410 | 32 | 12-ϕ26 |
| | 350 | 380 | 520 | 470 | 36 | 16-ϕ26 |
| | 400 | 405 | 580 | 525 | 38 | 16-ϕ30 |
| | 450 | 430 | 640 | 585 | 40 | 20-ϕ30 |
| | 500 | 450 | 710 | 650 | 42 | 20-ϕ33 |
| | 600 | 510 | 840 | 770 | 48 | 20-ϕ36 |



## 蝶形止回阀 Butterfly Check Valve

H76W/H77X-10~40C/P/R

KXK®




### 主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

| 公称通径 DN | PN1.0(MPa) L | PN1.0(MPa) D | WT (Kg) | PN1.6(MPa) L | PN1.6(MPa) D | WT (Kg) | PN2.5(MPa) L | PN2.5(MPa) D | WT (Kg) | PN4.0(MPa) L | PN4.0(MPa) D | WT (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H76H-10C H76W-10P H76W-10R H76H-16C H76W-16P H76W-16R H76H-25 H76W-25P H76W-25R H76H-40 H76Y-40P H76Y-40R | | | | | | | | | | | | |
| 50 | 60 | 109 | 1.8 | 60 | 109 | 1.8 | 60 | 109 | 2 | 60 | 109 | 2.4 |
| 65 | 67 | 129 | 2.6 | 67 | 129 | 2.6 | 67 | 129 | 3.2 | 67 | 129 | 3.8 |
| 80 | 73 | 144 | 3.6 | 73 | 144 | 4.2 | 73 | 144 | 4.8 | 73 | 144 | 5.6 |
| 100 | 73 | 164 | 4.8 | 73 | 170 | 5.2 | 73 | 170 | 6 | 73 | 170 | 7.5 |
| 125 | 83 | 194 | 6.3 | 83 | 198 | 6.7 | 83 | 198 | 9 | 83 | 198 | 11 |
| 150 | 98 | 220 | 8.7 | 98 | 228 | 9.4 | 98 | 228 | 12 | 98 | 228 | 15 |
| 200 | 127 | 275 | 16.5 | 127 | 288 | 18.7 | 127 | 288 | 22 | 127 | 293 | 27 |
| 250 | 146 | 330 | 26.2 | 146 | 343 | 29.4 | 146 | 343 | 38 | 146 | 355 | 48 |
| 300 | 181 | 380 | 42.3 | 181 | 403 | 48.5 | 181 | 403 | 54 | 181 | 420 | 78 |
| 350 | 184 | 440 | 58 | 184 | 460 | 66 | 184 | 460 | 80 | 222 | 480 | 116 |
| 400 | 198 | 493 | 76 | 198 | 520 | 90 | 198 | 520 | 118 | 232 | 549 | 152 |
| 450 | 203 | 543 | 98 | 203 | – | 130 | – | – | – | – | – | – |
| 500 | 219 | 598 | 120 | 219 | – | 186 | – | – | – | – | – | – |
| 600 | 222 | 698 | 235 | 222 | – | 298 | – | – | – | – | – | – |

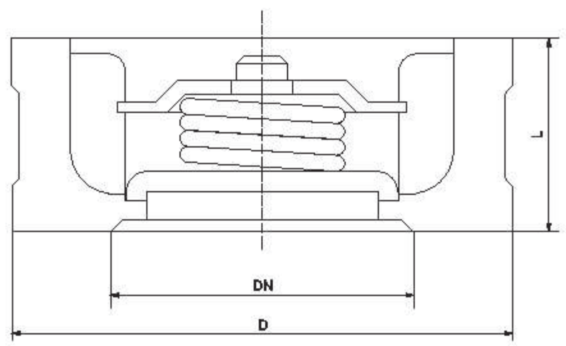
### 主要外形和连接尺寸 Main External and Connection Dimension

H77X-10~40C/P/R 单位Unit:mm

| 公称通径 DN mm | 公称通径 DN inch | D | D1 | D2 | L | R | t | WT(Kg) |
|---|---|---|---|---|---|---|---|---|
| 50 | 2" | 107 | 65 | 43.3 | 43 | 28.8 | 19 | 1.5 |
| 65 | 2.5" | 127 | 80 | 60.2 | 46 | 36.1 | 20 | 2.4 |
| 80 | 3" | 142 | 94 | 66.4 | 64 | 43.4 | 28 | 3.6 |
| 100 | 4" | 162 | 117 | 90.8 | 64 | 52.8 | 27 | 5.7 |
| 125 | 5" | 192 | 145 | 116.9 | 70 | 65.7 | 30 | 7.3 |
| 150 | 6" | 218 | 170 | 144.6 | 76 | 78.6 | 31 | 9 |
| 200 | 8" | 273 | 224 | 198.7 | 89 | 104.4 | 33 | 17 |
| 250 | 10" | 328 | 265 | 233.7 | 114 | 127 | 50 | 26 |
| 300 | 12" | 378 | 310 | 283.9 | 114 | 148.3 | 43 | 42 |
| 350 | 14" | 438 | 360 | 332.9 | 127 | 172.4 | 45 | 55 |
| 400 | 16" | 489 | 410 | 381.0 | 140 | 197.4 | 52 | 75 |
| 450 | 18" | 539<br>555 | 450 | 419.9 | 152 | 217.8 | 58 | 101<br>107 |
| 500 | 20" | 594 | 505 | 467.8 | 152 | 241 | 58 | 111 |
| 600 | 24" | 690 | 624 | 572.6 | 178 | 295.4 | 73 | 172 |
| 700 | 28" | 800 | 720 | 680 | 229 | 354 | 98 | 219 |

# 对夹升降式止回阀 Wafer Lift Check Valve

H71H(W)-16~40C/P/R




## 主要外形和连接尺寸 Main External and Connection Dimension

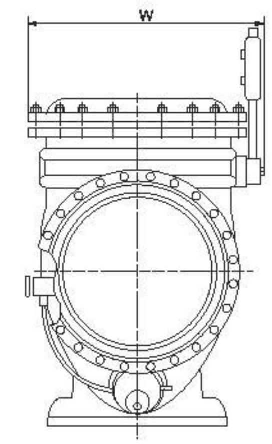
单位Unit:mm

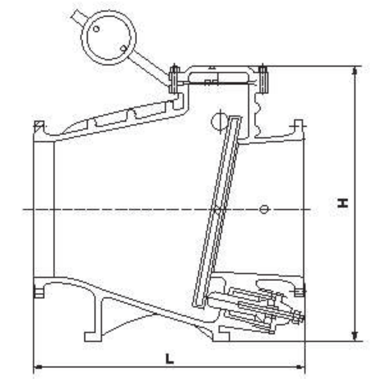
| 公称通径 DN | L | D | | | WT(Kg) |
|---|---|---|---|---|---|
| | | 1.6MPa | 2.5MPa | 4.0MPa | |
| H71H-16C H71H-25 H71H-40 H71W-16P H71W-25P H71W-40P H71W-16R H71W-25R H71W-40R | | | | | |
| 15 | 25 | 48 | 48 | 48 | 0.3 |
| 20 | 31.5 | 58 | 58 | 58 | 0.5 |
| 25 | 35.5 | 68 | 68 | 68 | 0.8 |
| 32 | 40 | 80 | 80 | 80 | 1.3 |
| 40 | 45 | 90 | 90 | 90 | 1.6 |
| 50 | 56 | 105 | 105 | 105 | 2.3 |
| 65 | 63 | 125 | 125 | 125 | 3.3 |
| 80 | 71 | 140 | 140 | 140 | 4.4 |
| 100 | 80 | 160 | 165 | 165 | 5.6 |
| 125 | 110 | 190 | 195 | 195 | 9.2 |
| 150 | 125 | 215 | 225 | 225 | 12.5 |
| 200 | 160 | 270 | 285 | 290 | 16.5 |
| 250 | 200 | 330 | 340 | 350 | 20 |
| 300 | 250 | 385 | 400 | 415 | 27 |



# 微阻缓闭止回阀 Low Resistance Dashpot Check Valve

HH44T/44X/44H/44T-10~25(C)




## 主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

| 公称通径 DN | 主要外形尺寸和连接尺寸（mm）Main external and connecting dimensions | | | WT(Kg) |
|---|---|---|---|---|
| | L | W | H | |
| HH44T-10 HH44X-10 HH44H-10C HH44T-16 HH44X-16 HH44H-16C HH44T-25 HH44X-25 HH44H-25 | | | | |
| 50 | 230 | 270 | 300 | 58 |
| 65 | 290 | 290 | 320 | 70 |
| 80 | 310 | 300 | 354 | 83 |
| 100 | 350 | 320 | 350 | 120 |
| 125 | 400 | 340 | 380 | 146 |
| 150 | 480 | 410 | 500 | 175 |
| 200 | 500 | 450 | 580 | 205 |
| 250 | 600 | 550 | 670 | 427 |
| 300 | 700 | 580 | 730 | 597 |
| 350 | 800 | 630 | 820 | 800 |
| 400 | 900 | 700 | 920 | 1168 |
| 450 | 1000 | 800 | 950 | 1460 |
| 500 | 1100 | 900 | 1100 | 1795 |
| 600 | 1300 | 990 | 1200 | 2125 |
| 700 | 1400 | 1120 | 1550 | 2668 |
| 800 | 1500 | 1300 | 1700 | 3050 |

# Tianjin KXC Metal Products Co., Ltd.

## HIGH COST PERFORMANCE VALVE SUPPLIER

## 水力控制阀系列 Water Control Valves Series






KXC®

### 结构与工作原理 Structure and work elements

水力控制阀就是用水压控制的阀门，一般分为隔膜型和活塞型两大类，两者工作原理相同。它由一个主阀(如图1所示)及其附设的导管、导阀、针阀、球阀和压力表等组成。根据使用目的、功能及场所的不同可演变成遥控浮球阀、减压阀、缓闭止回阀、流量控制阀、泄压阀、水力电动控制阀等。水力控制阀都是以上下游压力差ΔP为动力，由导阀控制，使隔膜(活塞)液压式差动操作、完全由水力自动调节，从而使主阀阀盘完全开启、或完全关闭及处于调节状态，当进入隔膜(活塞)上方控制室内的压力水被排到大气或下游低压区时，作用在阀盘底部和隔膜下方的压力值就大于上方的压力值，所以将主阀阀盘推到完全开启的位置；当进入隔膜(活塞)上方控制室的压力水不能排到大气或下游低压区时，作用在隔膜(活塞)上方的压力值就大于下方的压力值，所以就会把主阀阀盘压到完全关闭的位置；当隔膜(活塞)上方控制室内的压力值处于入口压力与出口压力中间时，主阀阀盘就处于调节状态，其调节位置取决于导管系统中的针阀和可调导阀的联合控制作用。可调导阀可以通过下游的出口压力并随它的变化而开大或关小其自身的小阀口，从而改变隔膜(活塞)上方控制室的压力值，控制主阀阀盘的调节位置。

Waterpower controlling valve uses water pressure to control vale. It is divided as two sorts diaphragm model and piston model, with same working principle. It is composed of main valve (as diagram 1) and enclosed pipe guide, guiding valve, needle valve, ball valve and pressure meter etc. It can evolve into remote control float valve, pressure reducing valve, slow-closure check valve, capacity controlling valve, pressure relief valve, waterpower electric controlling valve etc. according to different usages, functions and occasions. Waterpower controlling valves take upstream and downstream pressure differential P as motivity, controlled by guide valve, diaphragm (piston)operate in hydraulic differential, automatically adjusted by wate-rpower, thereby make the disc of main valve wholly open or completely close and situate in adjustable status. When pressure water flows on diap hragm (piston) of main controlling house is drained to air or downstream low area, pressure value on underside of disc bottom and diaphragm is bigger than upper pressure value, thereby pushes the disc of main valve to fully open position. When pressure water flow into diaphragm of upper controlling house can't drain to air or downstream low pressure area, pressure value on upper diaphragm (piston) is bigger than downside pressure value, thereby presses disc of main valve to fully close position. When pressure on upper diaphragm (piston) of controlling houseis between inlet pressure and outlet pressure, disc of main valve will be in adjustable status, the adjustable position is decided by combined controlling function of needle valve and adjustable guide valve in guide pipe system. Adjustable valve through outlet pressure on down stream along with the variety to open self port bigor small, so as to change pressure value on diaphragm (piston) upper controlling house, control adjustable position of main valve disc.

### 产品执行标准 Production enforce standard

| 产品规范 Product Specification | 设计规范 Design Spec | 结构长度 Face To Face | 连接法兰 Flange End | 试验与检验 Test & Check | 产品标识 Marking | 供货规范 Supply |
|---|---|---|---|---|---|---|
| | CJ/T 3006 | GB/T 12221 | GB/T 9113 | GB/T 13927 | GB/T 12220 | JB/T 7928 |

### 主要零件材料 Material for main parts

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 隔膜型 Diaphragm type | 零件名称 Name of Parts | 阀体、阀盖 Body, Bonnet | 阀盘、阀座 Seat ring | 弹簧、阀杆 Spring、Stem | 膜片 Membrne | 螺栓Bolt 螺栓Nut | O型圈 O-type Rings | |
| | 材质 Material | 铸铁Castiron、球铁、铜、碳钢、Bowl-Shaped Steel 不锈钢Stainless Steel | 铜Bronze 不锈钢 Stainless Steel | 不锈钢 Stainless steel | 尼龙强化橡胶 Nylon Reinforced Rubbeer | 不锈钢 Stainless Steel | 丁晴橡胶 NBR | |
| 活塞式 Piston type | 零件名称 Name of Parts | 阀体、阀盖 Body, Bonnet | 阀盘、阀座 Seat ring | 气缸 Air Cylinder | 弹簧 Spring 阀杆 Stem | 皮碗 Leather Cup | 螺栓Bolt 螺栓Nut | O型圈 O-type rings |
| | 材质 Material | 铸铁Castiron、球铁、铜、碳钢、Bowl-Shaped Steel 不锈钢Stainless Steel | 铜 Bronze 不锈钢 Stainless Steel | 铜或不锈钢 Bronze Stainless Steel | 不锈钢 Stainless Steel | 皮革 Leather | 不锈钢 Stainless Steel | 丁晴橡胶 NBR |

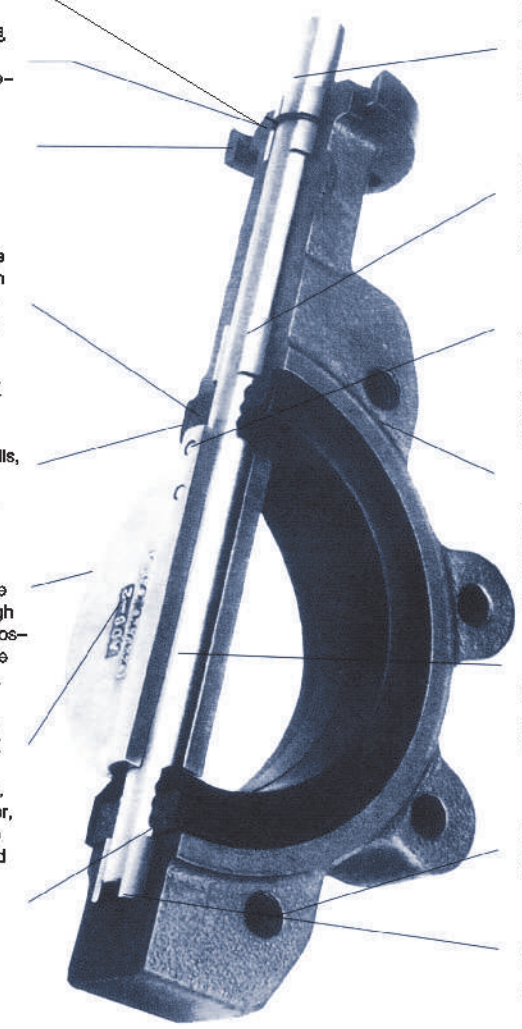
# Tianjin KXC Metal Products Co., Ltd.

## HIGH COST PERFORMANCE VALVE SUPPLIER

## 蝶阀系列 Butterfly Valves Series







阀杆密封圈
The valve pole seals up the circle.

控制装置法兰:可以配用手柄蜗轮蜗杆传动、电动和气动等各种控制装置。
The control device flange：various contrel devices such as manua and tubine worm–dive, motor–driven hydraulic pressure and pneu maticetc canbe joined in marriage.

阀杆密封：密封座的阀杆孔与阀杆配合紧密并牢固地镶嵌在阀座内、具有极好的密封性能．阀杆周围无泄漏现象。
The valve board seals up：the valve pole hole of gasket possesses the fibulas close function with cooperating closely securely to inlay the valve inside the seat and the valve pole leaks the appearance in week.

酚醛靠背阀座．具有不脱落、抗拉、防泄漏更换方便等特点．
The phenolic aldehyde back valve seat：possesses not to drop and the anti–pulls, and the characteristics such as guarding against leaking and changes convenient etc.

高精度阀板：阀板经抛光处理与阀座配合精度高、具有良好的密封性，阀杆处无泄漏现象。
The split–hair accuracy valve board: the valve boardcoooperters the precision height through polishinging the processing valve stea,and possessingthe naturewell seals that the valve pole place does not have the appearance of leaks.

阀板外形尺寸精确，截流后密封性好．阀板与阀座间无干涉现象，从而保证了操作力矩小，阀座使用寿命长等特点。
The valve board appearance size is accurate, and close natrue is good after damming a river, does not have the interference between valve board and valve seat at present, thus pledqed that operation moment of force is small, long class of characteristic in valve service life.

阀杆密封不易变形，从而避免了通常的阀杆泄漏现象。
The valve pole seals up easily not becoming deformed, thus the valve pole leakage appearance avoided usually.

连接键精度高强度大：既适用于安装操纵手柄又适用于各种控制装置。
It is big to link key precision high strength: is suitable in instaling the control but also being suitable in the various contridevces.

润滑青铜轴套：既起支承阀杆的作用又便于将阀杆脱离阀座。
The bronze axle sleeve lubricate：not only takes the effect of the valve supporting pole but also is easy to sepante onesslf from the valve pole valve seat.

锥型销：精度高，将阀杆与阀板连接在一起后具有防振脱特点，并且易于更换。
The awl forelock：the precision is high, and connection together after possesses guarding against shakes sheds characteristic with the valve beard valve pole, and seasy to changing.

具有对夹和单夹型阀体，阀体上衬有各种材质的阀座，包括聚四氟乙烯。
Possessing to wafer and single wafer clamp mould valve body, the valve is lined qualitative valves of the various materials seats on the body,and incudesthe polytetrafluoroethylene.

整体阀杆结构：整体性好，便于控制阀板启闭。
The entite valve pole struture: entire nature is good, and being easy to the control valve board is poened and close.

对中性能好、安装方便省时。
Good to the middle function；it is convenience and save time when installing.

轴向上推轴承：防止阀杆超载。
The axial thrust bearing：The valve pole overload is prevented.

### 蝶阀型号编制说明 The esplanation of the model numbering system of butterfly valve

表示阀体材料代号：注角表示蝶板材料代号。
Expressing the valve body material code name, the butterfly board materialcode name is expressed in the footnote.

公称压力数值
Nominal pressure numerical value.

表示阀座密封面材料代号(各种橡胶X1……Xn) 聚四氟乙烯 F4
Express that the valve seat seals up a material code name (various rubber X1……Xn) polytertrafluoroethylene F4.

结构形式代号（1表示中心垂直板式）
Structure form code name (1 expresses center perpendicular board–like).

连接形式代号（7A表示对夹式，7L表示单夹式，7B表示无法兰型）
Link the form code name (7A expresses to the wafer type, 7L expresses single wafer type, 7B express can not lily magnolia mould).

传动方式代号（3表示蜗轮传动、6表示气动传动、7表示液压传动、9表示电动传动）
Transmission method cade name (3 express the turbine transmission, and 6 express the pneumatic transmission, and 7 exhydraulic transmission, and 9 express the motor–driven transmission)

蝶阀型号代号。
Butterfly valve model code name.

专用代号。
Code name for a special purposr.

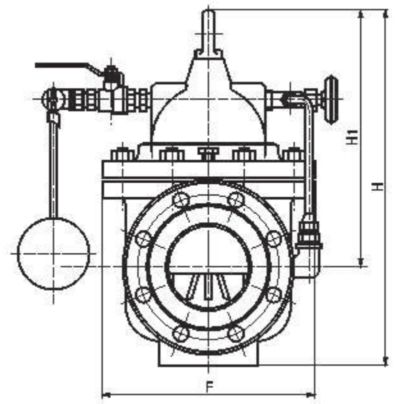
举例D37A1X5–10ZB1表示：

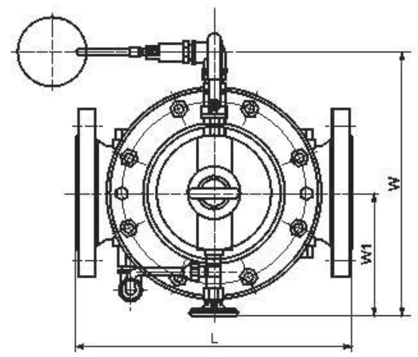
蜗轮蜗杆传动方式的中线对夹式蝶阀(A型)，板式结构为中心垂直板式，阀座密封材料为丁晴橡胶，阀门公称压力为1.0MPa，阀体材料为灰铸铁，阀板材料为电镀球墨铸铁。

The D37A1X5–10ZB1 giving an example expresses that htewaferworm gearworm–actuated method is to midline wafer butterfly valve(A's mould), and the boardlike structure is for the cenfer is board–like, and the valve seat sealing material is for NBR, and valve nominal pressure is grey cast iron for 1.0MPa. 's valve body material, and valve board expect for electroplating mark China ink iron casting.

## 遥控浮球阀 Distance Control Ball Float Valve

100X 1.0~2.5MPa




### 主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

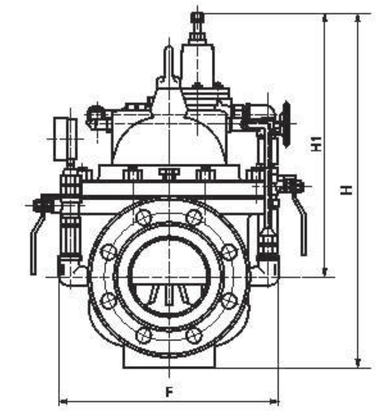
| 公称通径 DN | L | W | W1 | H | H1 | F |
|---|---|---|---|---|---|---|
| 100X-10 100X-16 100X-25 | | | | | | |
| 20 | 180 | 262 | 130 | 212 | 179 | 116 |
| 25 | 180 | 262 | 130 | 212 | 179 | 116 |
| 32 | 180 | 262 | 130 | 212 | 179 | 116 |
| 40 | 240 | 280 | 139 | 165 | 210 | 170 |
| 50 | 240 | 280 | 139 | 265 | 210 | 170 |
| 65 | 250 | 284 | 141 | 310 | 215 | 180 |
| 80 | 285 | 292 | 145 | 350 | 245 | 210 |
| 100 | 360 | 330 | 164 | 460 | 305 | 275 |
| 125 | 400 | 340 | 169 | 520 | 365 | 310 |
| 150 | 455 | 350 | 174 | 570 | 415 | 355 |
| 200 | 585 | 392 | 195 | 695 | 510 | 460 |
| 250 | 650 | 442 | 220 | 780 | 560 | 500 |
| 300 | 800 | 472 | 235 | 905 | 658 | 580 |
| 350 | 860 | 532 | 265 | 1025 | 696 | 640 |
| 400 | 960 | 582 | 290 | 1080 | 735 | 715 |
| 450 | 1075 | 632 | 320 | 1030 | 610 | 780 |
| 500 | 1075 | 682 | 350 | 1135 | 665 | 830 |
| 600 | 1230 | 762 | 390 | 1270 | 725 | 920 |
| 700 | 1650 | 832 | 420 | 1460 | 865 | 980 |
| 800 | 1750 | 932 | 470 | 1640 | 975 | 1050 |

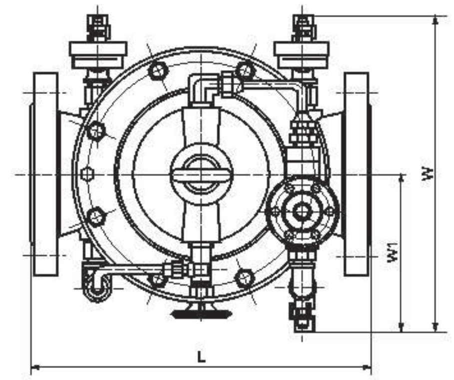




## 减压阀 Reducing Valve

200X 1.0~2.5MPa



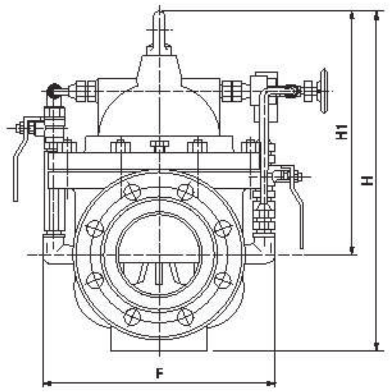

### 主要外形和连接尺寸 Main External and Connection Dimension

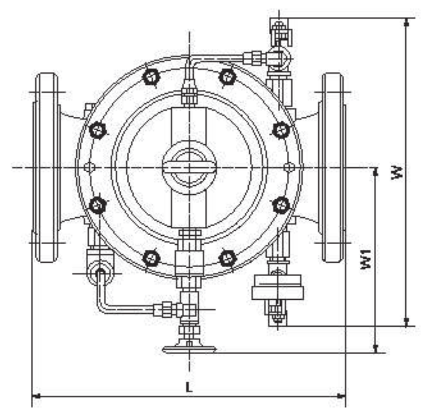
单位Unit:mm

| 公称通径 DN | L | W | W1 | H | H1 | F |
|---|---|---|---|---|---|---|
| 200X-10 200X-16 200X-25 | | | | | | |
| 20 | 180 | 292 | 136 | 342 | 247 | 116 |
| 25 | 180 | 292 | 136 | 342 | 247 | 116 |
| 32 | 180 | 292 | 136 | 342 | 247 | 116 |
| 40 | 240 | 330 | 155 | 395 | 278 | 170 |
| 50 | 240 | 330 | 155 | 395 | 278 | 170 |
| 65 | 250 | 350 | 165 | 405 | 298 | 180 |
| 80 | 285 | 365 | 175 | 430 | 313 | 210 |
| 100 | 360 | 410 | 195 | 510 | 350 | 275 |
| 125 | 400 | 455 | 220 | 560 | 365 | 310 |
| 150 | 455 | 475 | 230 | 585 | 420 | 355 |
| 200 | 585 | 530 | 255 | 675 | 450 | 460 |
| 250 | 650 | 623 | 300 | 730 | 470 | 500 |
| 300 | 800 | 700 | 340 | 760 | 490 | 580 |
| 350 | 860 | 840 | 415 | 840 | 526 | 640 |
| 400 | 960 | 880 | 430 | 910 | 570 | 715 |
| 450 | 1075 | 930 | 460 | 1030 | 610 | 780 |
| 500 | 1075 | 980 | 490 | 1135 | 665 | 830 |
| 600 | 1230 | 1060 | 530 | 1270 | 725 | 920 |
| 700 | 1650 | 1130 | 560 | 1460 | 865 | 980 |
| 800 | 1750 | 1230 | 610 | 1640 | 975 | 1050 |

## 缓闭式逆止阀 Slow-Closure Valve

300X 1.0~2.5MPa




### 主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

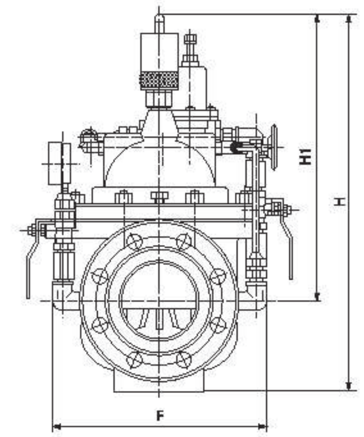
| 公称通径 DN | L | W | W1 | H | H1 | F |
|---|---|---|---|---|---|---|
| 300X-10 300X-16 300X-25 | | | | | | |
| 20 | 180 | 282 | 220 | 172 | 106 | 116 |
| 25 | 180 | 282 | 220 | 172 | 106 | 116 |
| 32 | 180 | 282 | 220 | 172 | 106 | 116 |
| 40 | 240 | 320 | 210 | 265 | 2140 | 170 |
| 50 | 240 | 320 | 210 | 265 | 210 | 170 |
| 65 | 250 | 330 | 215 | 310 | 215 | 180 |
| 80 | 285 | 350 | 220 | 350 | 245 | 210 |
| 100 | 360 | 410 | 230 | 460 | 305 | 275 |
| 125 | 400 | 420 | 245 | 520 | 365 | 310 |
| 150 | 455 | 430 | 260 | 570 | 415 | 355 |
| 200 | 585 | 440 | 280 | 695 | 510 | 460 |
| 250 | 650 | 450 | 300 | 780 | 560 | 500 |
| 300 | 800 | 460 | 320 | 905 | 658 | 580 |
| 350 | 860 | 470 | 340 | 1025 | 696 | 640 |
| 400 | 960 | 480 | 360 | 1080 | 735 | 715 |
| 450 | 1075 | 530 | 395 | 1030 | 610 | 780 |
| 500 | 1075 | 580 | 420 | 1135 | 665 | 830 |
| 600 | 1230 | 600 | 445 | 1270 | 725 | 920 |
| 700 | 1650 | 730 | 495 | 1460 | 865 | 980 |
| 800 | 1750 | 830 | 530 | 1640 | 925 | 1050 |

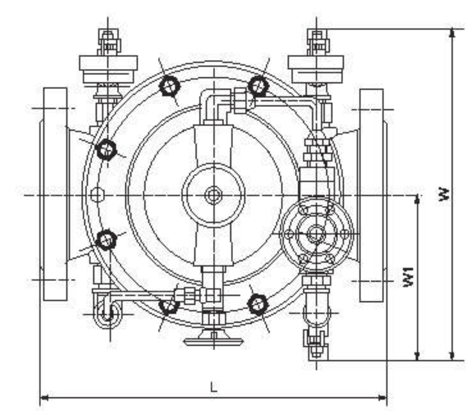




## 流量控制阀 Flow Control Valve

400X 1.0~2.5MPa



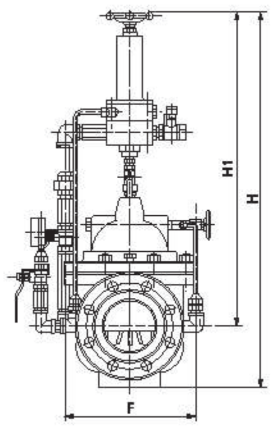

### 主要外形和连接尺寸 Main External and Connection Dimension

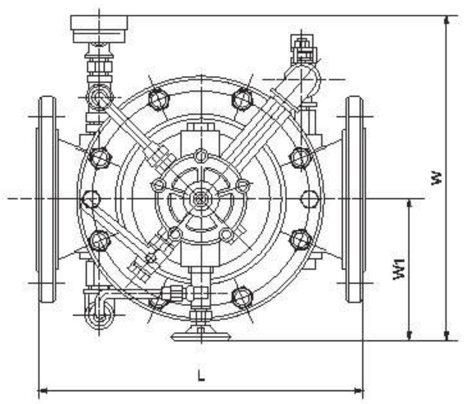
单位Unit:mm

| 公称通径 DN | L | W | W1 | H | H1 | F |
|---|---|---|---|---|---|---|
| 400X-10 400X-16 400X-25 | | | | | | |
| 20 | 180 | 292 | 136 | 342 | 247 | 116 |
| 25 | 180 | 292 | 136 | 342 | 247 | 116 |
| 32 | 180 | 292 | 136 | 342 | 247 | 116 |
| 40 | 240 | 330 | 155 | 395 | 278 | 170 |
| 50 | 240 | 330 | 155 | 395 | 278 | 170 |
| 65 | 250 | 350 | 165 | 405 | 298 | 180 |
| 80 | 285 | 365 | 175 | 430 | 313 | 210 |
| 100 | 360 | 410 | 195 | 510 | 350 | 275 |
| 125 | 400 | 455 | 220 | 560 | 365 | 310 |
| 150 | 455 | 475 | 230 | 585 | 420 | 355 |
| 200 | 585 | 530 | 255 | 675 | 450 | 460 |
| 250 | 650 | 623 | 300 | 730 | 470 | 500 |
| 300 | 800 | 700 | 340 | 760 | 490 | 580 |
| 350 | 860 | 840 | 415 | 840 | 526 | 640 |
| 400 | 960 | 880 | 430 | 910 | 570 | 715 |
| 450 | 1075 | 930 | 460 | 1030 | 610 | 780 |
| 500 | 1075 | 980 | 490 | 1135 | 665 | 830 |
| 600 | 1230 | 1060 | 530 | 1270 | 725 | 920 |
| 700 | 1650 | 1130 | 560 | 1460 | 865 | 980 |
| 800 | 1750 | 1230 | 610 | 1640 | 975 | 1050 |

## 泄压/持压阀 Relief Valve

500X 1.0~2.5MPa




### 主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

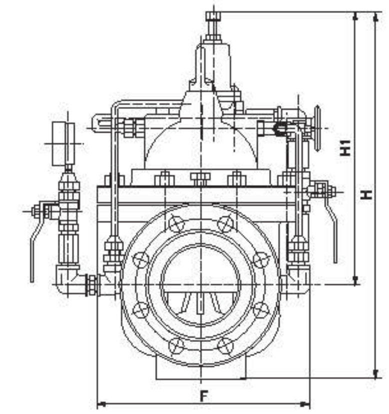
| 公称通径 DN | L | W | W1 | H | H1 | F |
|---|---|---|---|---|---|---|
| 500X-10 500X-16 500X-25 | | | | | | |
| 20 | 180 | 330 | 130 | 550 | 460 | 116 |
| 25 | 180 | 330 | 130 | 550 | 460 | 116 |
| 32 | 180 | 330 | 130 | 550 | 460 | 116 |
| 40 | 240 | 345 | 135 | 610 | 516 | 170 |
| 50 | 240 | 345 | 135 | 610 | 516 | 170 |
| 65 | 250 | 355 | 140 | 625 | 520 | 180 |
| 80 | 285 | 360 | 146 | 645 | 538 | 210 |
| 100 | 360 | 400 | 156 | 750 | 596 | 275 |
| 125 | 400 | 420 | 170 | 808 | 655 | 310 |
| 150 | 455 | 435 | 186 | 864 | 710 | 355 |
| 200 | 585 | 480 | 206 | 1135 | 805 | 460 |
| 250 | 650 | 530 | 226 | 1185 | 855 | 500 |
| 300 | 800 | 575 | 246 | 1325 | 955 | 580 |
| 350 | 860 | 620 | 275 | 1385 | 990 | 640 |
| 400 | 960 | 635 | 286 | 1445 | 1030 | 715 |
| 450 | 1075 | 665 | 320 | 1325 | 905 | 780 |
| 500 | 1075 | 695 | 348 | 1430 | 960 | 830 |
| 600 | 1230 | 720 | 372 | 1565 | 1020 | 920 |
| 700 | 1650 | 770 | 422 | 1755 | 1160 | 980 |
| 800 | 1750 | 805 | 458 | 2230 | 1515 | 1050 |

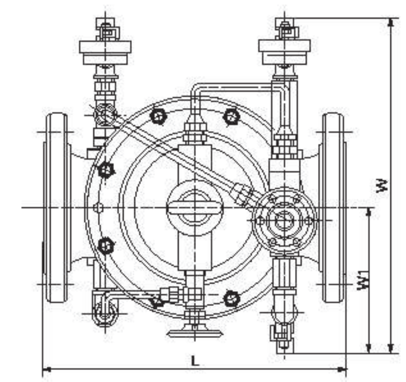




## 紧急关闭阀 Emergency Closing Valve

900X 1.0~2.5MPa




### 主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

| 公称通径 DN | L | W | W1 | H | H1 | F |
|---|---|---|---|---|---|---|
| 900X-10 900X-16 900X-25 | | | | | | |
| 20 | 180 | 292 | 136 | 342 | 247 | 116 |
| 25 | 180 | 292 | 136 | 342 | 247 | 116 |
| 32 | 180 | 292 | 136 | 342 | 247 | 116 |
| 40 | 240 | 330 | 155 | 395 | 278 | 170 |
| 50 | 240 | 330 | 155 | 395 | 278 | 170 |
| 65 | 250 | 350 | 165 | 405 | 298 | 180 |
| 80 | 285 | 365 | 175 | 430 | 313 | 210 |
| 100 | 360 | 410 | 195 | 510 | 350 | 275 |
| 125 | 400 | 455 | 220 | 560 | 365 | 310 |
| 150 | 455 | 475 | 230 | 585 | 420 | 355 |
| 200 | 585 | 530 | 255 | 675 | 450 | 460 |
| 250 | 650 | 623 | 300 | 730 | 470 | 500 |
| 300 | 800 | 700 | 340 | 760 | 490 | 580 |
| 350 | 860 | 840 | 415 | 840 | 526 | 640 |
| 400 | 960 | 880 | 430 | 910 | 570 | 715 |
| 450 | 1075 | 930 | 460 | 1030 | 610 | 780 |
| 500 | 1075 | 980 | 490 | 1135 | 665 | 830 |
| 600 | 1230 | 1060 | 530 | 1270 | 725 | 920 |
| 700 | 1650 | 1130 | 560 | 1460 | 865 | 980 |
| 800 | 1750 | 1230 | 610 | 1640 | 975 | 1050 |

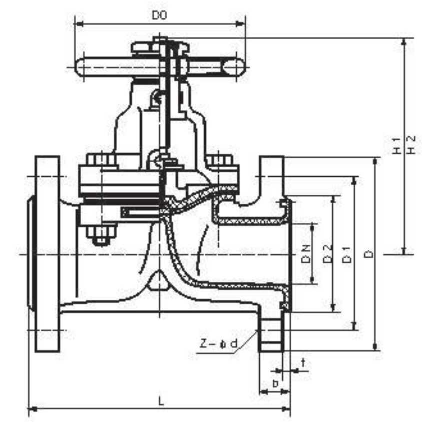
# Tianjin KXC Metal Products Co., Ltd.

## HIGH COST PERFORMANCE VALVE SUPPLIER

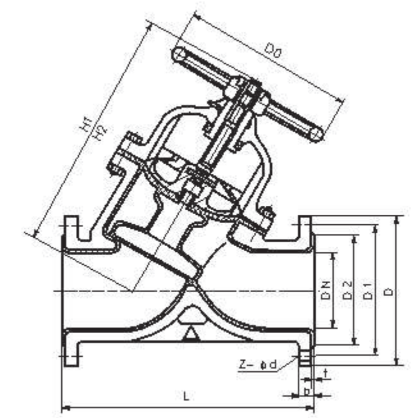
## 其它阀门系列 Other Valves Series




隔膜阀G41J型



GG41Fx型手动隔膜阀(堰式)



GG45Fx型手动隔膜阀(直流式)

### 产品执行标准 Production enforce standard

| 产品规范 Product Specification | 设计规范 Design Spec | 结构长度 Face to Face | 连接法兰 Flange End | 试验与检验 Test & Check | 产品标识 Marking | 供货单位 Supply |
|---|---|---|---|---|---|---|
| | GB/T12239 | GB/T12221 | JB/79,JB/T79 | GB/T13927 | GB/T12220 | JB/T 7928 |

### 主要零件材料 Material for main parts

| 序号 | 零件名称 Part name | 灰铸铁gast Iron | 铸钢 | 不锈耐酸铸钢 | | 超低碳不锈耐酸铸钢 | |
|---|---|---|---|---|---|---|---|
| | | Z | C | P | R | PL | RL |
| 1 | 阀体/阀盖Body/bonnet | HT250 | WCB | CF18 | CF8M | CF3 | CF3M |
| 2 | 阀瓣/阀杆Disc/stem | 35 | 1Cr13 | 1Cr18Ni9Ti | 1Cr18Ni12Mo2Ti | 00Cr18Ni10 | 00Cr17Ni14Mo2 |
| 3 | 衬里/阀座Lining/Seat | PTFE(F4)、PCTFE(F3)、FEP(F46)、PFA(可溶性F4) | | | | | |
| 4 | 隔膜Daiphragm | FEP(F46)/CR(氯丁橡胶)、PFA（可溶性F4）/FPDM（乙丙橡胶） | | | | | |
| 5 | 支架Yoke | WCB | | CF8 | | CF8 | |
| 6 | 阀杆螺母Yoke nut | ZCuAl10Fe3 | | ZCuAl10Fe3 | | ZCuAl10Fe3 | |
| 7 | 紧固螺栓Fastener bolt | 35 | | 1Cr17Ni2 | | 1Cr18Ni9Ti | |
| 8 | 螺母Nut | 45 | | 0Cr18Ni9 | | 0Cr18Ni9 | |
| 9 | 手轮子Hand wheel | WCB | | WCB | | WCB | |

### 主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

| 公称通径 | | 标准值 | | | | | | | 参考值 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DN (mm) | NPS (inch) | L | D | D1 | D2 | f | b | Z-φd | D0 | H | H1 | WT(Kg) |
| | | PN0.6MPa | | | | | | | | | | |
| 15 | 1/2 | 125 | 80 | 55 | 40 | 2 | 12 | 4-φ12 | 100 | 105 | 110 | 3.5 |
| 20 | 3/4 | 135 | 90 | 65 | 50 | 2 | 14 | 4-φ12 | 100 | 115 | 125 | 4 |
| 25 | 1 | 145 | 100 | 75 | 60 | 2 | 14 | 4-φ12 | 120 | 120 | 135 | 5.5 |
| 32 | 11/4 | 160 | 120 | 90 | 70 | 2 | 16 | 4-φ14 | 120 | 125 | 150 | 8 |
| 40 | 11/2 | 180 | 130 | 100 | 80 | 3 | 16 | 4-φ14 | 140 | 135 | 175 | 11 |
| 50 | 2 | 210 | 140 | 110 | 90 | 3 | 16 | 4-φ14 | 140 | 155 | 195 | 14 |
| 65 | 21/2 | 250 | 160 | 130 | 110 | 3 | 16 | 4-φ14 | 200 | 170 | 200 | 23 |
| 80 | 3 | 300 | 185 | 150 | 125 | 3 | 18 | 4-φ18 | 200 | 200 | 255 | 29 |
| 100 | 4 | 350 | 205 | 170 | 145 | 3 | 18 | 4-φ18 | 280 | 270 | 325 | 46 |
| 125 | 5 | 400 | 235 | 200 | 175 | 3 | 20 | 8-φ18 | 320 | 335 | 405 | 70 |
| 150 | 6 | 460 | 260 | 225 | 200 | 3 | 20 | 8-φ18 | 320 | 370 | 450 | 95 |
| 200 | 8 | 570 | 315 | 280 | 255 | 3 | 22 | 8-φ18 | 400 | 480 | 600 | 170 |
| 250 | 10 | 680 | 370 | 235 | 310 | 3 | 24 | 12-φ18 | 500 | 545 | 620 | 270 |
| 300 | 12 | 790 | 435 | 395 | 362 | 4 | 24 | 12-φ23 | 500 | 585 | 680 | 320 |

## 特点 Features

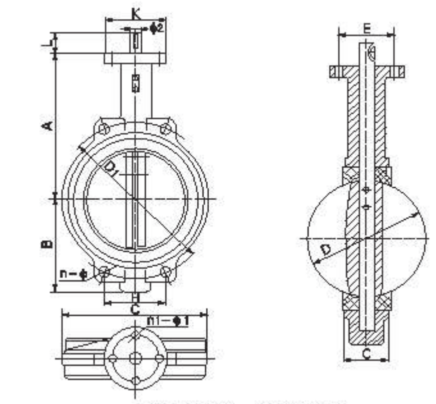
1、小型轻便，容易拆装及维修，并可在任意位置安装。
2、结构简单，紧凑，90°回转启闭迅速。
3、操作扭矩小，省力轻巧。
4、流量特性趋于直线，调节性能好。
5、启闭试验次数多达数万次．寿命长.
6、达到完全密封，气体试验泄漏为零。
7、选择不同零部件材质，可适用多种介质。

1、Small in size and light in weight. Easy instillation and mintenance.
It can be mounted wherever nedded.
2、Siple and compact construction，quick 90 degrees on-off operation.
3、Miniminzed operating torque，energy saving.
4、Flow curve tendina to straightline.Excellent regulation performance.
5、Long service life.Standing the test of tens of thousands opening/closing operations.
6、Bubbles-tight sealing with no leakage under the pressure test.
7、Wide selection of materials applicable for various mdeium.

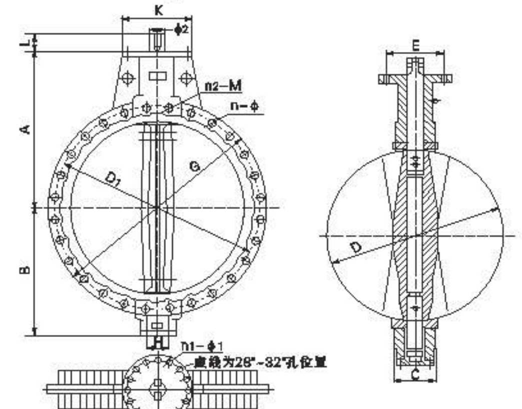
## 主要零部件材料 Meteral of Main Parts

| 阀体 Body | | 阀板 Disc | | 转轴 Stem | 衬套 Bushing | 阀座 Seat | | |
|---|---|---|---|---|---|---|---|---|
| 材料名称 Name | 代号 Code | 材料名称 Name | 代号 Code | 材料名称 Name | 材料名称 Name | 材料名称 Name | 代号 Code | 适用温度℃ Working Temp |
| 灰铸铁 Cast Lron | Z | 电镀球墨铸铁 Plated Ductile Iron | B1 | | | 天然胶 NR | X1 | -20~+85℃ |
| 球墨铸铁 Ductile Lron | Q | 铝青铜 Aluminum Bronze | B2 | | | 海帕伦 Hypalon | X2 | -23~+121℃ |
| | | | | | | 乙丙橡胶 EPDM | X3 | -23~+121℃ |
| 铝青铜 Aluminum Bronzd | T | ZG1Cr18Ni9Ti 不锈钢 Stainless Steel | B3 | 不锈钢 Stainless Steel | 润滑青铜 Lubrized Bronze | 氯丁橡胶 Neoprene | X4 | -7~+93℃ |
| ZG1Cr18Ni9Ti 不锈钢 Stainless Steel | P | 钛钢 Titanium Steel | B4 | 碳钢 Carbon Steel | 聚四氟乙烯 PTFE | 丁腈橡胶 NBR | X5 | -23~+100℃ |
| | | | | | | 耐磨橡胶 Wear-resistant Rubber | X6 | -10~+100℃ |
| CF8M不锈钢 Stainless Steel | R | CF8M不锈钢 Stainless Steel | B5 | | | 氟橡胶 VITON | X7 | -23~+200℃ |
| 碳钢 Carbon Steel | C | 碳钢 Carbon Steel | B6 | | | 耐热乙丙橡胶 Hear-resistant Rubber | X9 | -23~+135℃ |
| | | CF8不锈钢 Stainless Steel | B7 | | | 聚四氟乙烯 PTFE | F4 | +10~150℃ |

## "A"型蝶阀外型尺寸，连接尺寸和重量
## Overall & Connection Dimensions & Weight of Type"A"Butterfly Valve



DN50(2")~600(24")



DN700(28")~1000(40")

| 公称通径 Nominal diameter DN | | 尺寸 Size (mm) | | | | | | | | | | | | | | 重量 Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | B | C | D | L | H | D1 | n-ϕ | K | E | n1-ϕ1 | ϕ2 | G | n2-M | |
| (mm) | (inch) | D7A1/37A1/67A1/97A1X-1.0/1.6 | | | | | | | | | | | | | | |
| 50 | 2' | 161 | 80 | 42 | 52.9 | 32 | 84.84 | 120 | 4-23 | 77 | 57.15 | 4-6.7 | 12.6 | 118 | - | 2.5 |
| 65 | 2.5" | 175 | 89 | 44.7 | 64.5 | 32 | 96.2 | 136.2 | 4-26.5 | 77 | 57.15 | 4-6.7 | 12.6 | 137 | - | 3.2 |
| 80 | 3' | 181 | 95 | 45.2 | 78.8 | 32 | 61.23 | 160 | 8-18 | 77 | 57.15 | 4-6.7 | 12.6 | 143 | - | 3.6 |
| 100 | 4' | 200 | 114 | 52.1 | 104 | 32 | 70.80 | 185 | 4-24.5 | 92 | 69.85 | 4-10.3 | 15.77 | 156 | - | 4.9 |
| 125 | 5' | 213 | 127 | 54.4 | 123.3 | 32 | 82.28 | 215 | 4-23 | 92 | 69.85 | 4-10.3 | 18.92 | 190 | - | 7 |
| 150 | 6' | 226 | 139 | 55.8 | 155.6 | 32 | 91.08 | 238 | 4-25 | 92 | 69.85 | 4-10.3 | 18.92 | 212 | - | 7.8 |
| 200 | 8' | 260 | 175 | 60.6 | 202.5 | 45 | 112.89/76.35 | 295 | 4-25/4-23 | 115 | 88.9 | 4-14.3 | 22.1 | 268 | - | 13.2 |
| 250 | 10" | 292 | 203 | 65.6 | 250.5 | 45 | 92.40 | 357 | 4-29 | 115 | 88.9 | 4-14.3 | 28.45 | 325 | - | 19.2 |
| 300 | 12" | 337 | 242 | 76.9 | 301.6 | 45 | 105.34 | 407 | 4-29 | 140 | 107.95 | 4-14.3 | 31.6 | 403 | - | 32.5 |
| 350 | 14" | 368 | 267 | 76.5 | 333.3 | 45 | 91.11 | 467 | 4-30 | 140 | 107.95 | 4-14.3 | 31.6 | 436 | - | 41.3 |
| 400 | 16" | 400 | 309 | 86.5 | 389.6 | 51.2/72 | 100.47/102.42 | 515/525 | 4-26/4-30 | 197 | 158.75 | 4-20.6 | 33.15 | 488 | - | 61 |
| 450 | 18" | 422 | 328 | 105.6 | 440.51 | 51.2/72 | 88.39/91.51 | 565/585 | 4-26/4-30 | 197 | 158.75 | 4-20.6 | 38 | 539 | - | 79 |
| 500 | 20" | 480 | 361 | 131.8 | 491.6 | 64.2/82 | 96.99/101.68 | 620/650 | 4-26/4-33 | 197 | 158.75 | 4-20.6 | 41.15 | 593 | - | 128 |
| 600 | 24" | 562 | 459 | 152 | 592.5 | 70.2/82 | 113.68/120.46 | 725/770 | 20-30/20-36 | 276 | 215.9 | 4-22.2 | 50.65 | 816 | - | 188 |
| 700 | 26" | 624 | 520 | 163 | 695 | 66/82 | 109.65 | 840 | 24-30/20-36 | 300 | 254 | 8-18 | —— | 895 | 4-M33 | 284 |
| 800 | 32" | 672 | 591 | 188 | 794.8 | 66/82 | 124 | 950 | 24-33/24-39 | 300 | 254 | 8-18 | —— | 1015 | - | 368 |
| 900 | 36" | 720 | 656 | 203 | 864.7 | 118 | 117.57 | 1050 | 24-33 | 300 | 254 | 8-18 | 75 | 1115 | 4-M30 | 713 |
| 1000 | 40" | 800 | 721 | 216 | 965 | 142 | 129.89 | 1160 | 24-36 | 300 | 254 | 8-18 | 85 | 1230 | 4-M33 | 864 |
| 1200 | 48" | 941 | 864 | 276 | 1160 | 150 | 135.26 | 1380 | 28-39 | 350 | 298 | 8-22 | 105 | 1455 | 4-M36 | 1250 |

注Note：

DN50(2")~800(32") "A" 型蝶阀分别适用于PN1.0/PN1.6MPa二种压力级，表中每格有两个尺寸的分别表示PN1.0/PN1.6MPa二种压力级连接尺寸。与阀门连接的管法兰连接尺寸参照法兰连接尺寸表。蝶阀上法兰可通用于手动、蜗轮蜗杆传动、电动、气动等。

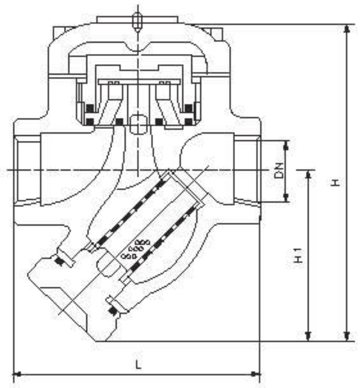
表中DN50(2")-500(20")中D1和D1和n-ϕ尺寸为蝶阀本身安装定位尺寸，其中DN50(2")4350(14")的DI和n-ϕ尺寸包括GB9112-88. DIN2501(德国)，BS4504(英国)，IS02084，IS02531(国际标准)，BS10-E(英国)，ANSI1259(美国)等法兰连接标准。DN400(16")~500(20")包括GB9112-88、DIN2501，IS02084，BS4504法兰连接标准。

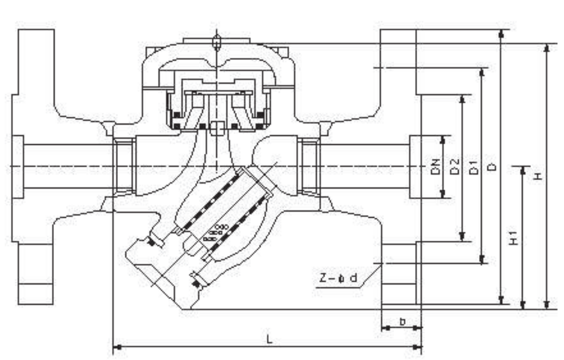
DN50(2")~800(32")Type"A"butterfly valves are sutable for the pressure of PN1.0MPa and PN1.6MPa grade separately. Two dimensions in one column show the connection dimensions of PN1.0/PN1.6MPa pressure grade. For the connection dimensions of pipe flanges mounted to the valves please rcfertothe Connection Dimensions of Flanges Table. The upper tlanges ofthe valves are suitable all types of valves fitted with eletric. wor-mgear, manual pneumatic amd actuators.

The dimensions D1 and n-ϕ of DN50(2")~500(20") listed in above table show the Installation dimensions of butteroy valve of them them dim-ensions D1 and n—ϕof DN50(2")~350(14") containthe standard of GB9112-88, DIN2501(Germeny), BS4504(UK)IS02084, IS0253I(Intcmational standard)BSI0-E(UK) ANS11251USA)for flange connection andDN400(16")~500(20") containthe standard of GB9112-88.DIN250t,ISO2084 and Bs4504.

# 圆盘式疏水阀 Disc Trap Valve

CS19/49H-16~40C/E/D/F





## 主要外形和连接尺寸 Main External and Connection Dimension

单位 Unit:mm

| 公称通径 DN | 主要外形尺寸和连接尺寸（mm）Main external and connecting dimensions | | | | WT (Kg) |
|---|---|---|---|---|---|
| | L | Rc | H | $H_1$ | |
| CS19H-16C CS19H-25 CS19H-40 | | | | | |
| 15 | 85 | 1/2" | 105 | 45 | 1.5 |
| 20 | 85 | 3/4" | 105 | 45 | 1.8 |
| 25 | 95 | 1" | 110 | 50 | 2.2 |
| 32 | 110 | 14/1" | 115 | 50 | 3.1 |
| 40 | 120 | 11/2" | 125 | 55 | 7.2 |
| 50 | 130 | 2" | 135 | 55 | 8.5 |

## 主要外形和连接尺寸 Main External and Connection Dimension

单位 Unit:mm

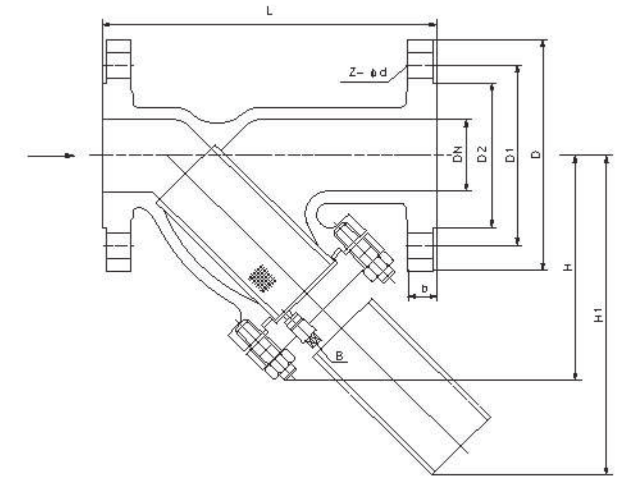
| 公称通径 DN | 主要外形尺寸和连接尺寸（mm）Main external and connecting dimensions | | | | | | | | WT (Kg) |
|---|---|---|---|---|---|---|---|---|---|
| | L | D | $D_1$ | $D_2$ | b | Z-φd | H | $H_1$ | |
| CS49H-16C CS49H-25 CS49H-40 | | | | | | | | | |
| 15 | 150 | 95 | 65 | 45 | 14 | 4-φ14 | 105 | 53 | 3 |
| 20 | 150 | 105 | 75 | 55 | 14 | 4-φ14 | 105 | 53 | 3.2 |
| 25 | 160 | 115 | 85 | 65 | 14 | 4-φ14 | 110 | 58 | 3.5 |
| 32 | 230 | 135 | 100 | 78 | 16 | 4-φ18 | 110 | 58 | 5.2 |
| 40 | 230 | 150 | 110 | 85 | 16 | 4-φ18 | 125 | 65 | 8.3 |
| 50 | 230 | 165 | 125 | 100 | 16 | 4-φ18 | 135 | 70 | 10.3 |





# Y型过滤器 Y-Type Strainer

GL41H



## 主要外形和连接尺寸 Main External and Connection Dimension

单位 Unit:mm

| 公称通径 DN | L | H | $H_1$ | B | 有效过滤面积 Strainer Area ($m^2$) | WT(Kg) GL41H | | | GL41H | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | PN1.0 | PN2.5 | PN4.0 | PN1.0 | PN2.5 | PN4.0 |
| GL41H | | | | | | | | | | | |
| 15 | 110 | 87 | 120 | ZG3/8" | 0.00185 | 2.62 | 2.74 | 2.81 | 2.80 | 2.85 | 2.85 |
| 20 | 130 | 105 | 148 | ZG1/2" | 0.00281 | 3.00 | 3.06 | 3.06 | 3.05 | 3.11 | 3.11 |
| 25 | 150 | 114 | 176 | ZG1/2" | 0.00343 | 3.70 | 3.78 | 3.98 | 3.80 | 3.84 | 3.84 |
| 32 | 160 | 124 | 193 | ZG1/2" | 0.00486 | 5.35 | 5.46 | 5.46 | 5.43 | 5.54 | 5.54 |
| 40 | 200 | 156 | 237 | ZG1/2" | 0.00767 | 6.54 | 6.60 | 7.01 | 6.62 | 6.72 | 6.72 |
| 50 | 220 | 181 | 270 | ZG1/2" | 0.01160 | 9.21 | 9.46 | 9.97 | 10.9 | 11.1 | 11.1 |
| 65 | 290 | 250 | 369 | ZG3/4" | 0.02111 | 20.2 | 21.6 | 22.7 | 22.4 | 23.9 | 24.1 |
| 80 | 310 | 280 | 429 | ZG3/4" | 0.03029 | 23.4 | 25.1 | 27.4 | 26.6 | 27.7 | 28.5 |
| 100 | 350 | 320 | 488 | ZG3/4" | 0.04033 | 31.2 | 34.2 | 38.3 | 34.6 | 37.1 | 38.8 |
| 125 | 400 | 374 | 547 | ZG3/4" | 0.05589 | 44.1 | 49.1 | 56.9 | 50.5 | 54.6 | 57.8 |
| 150 | 480 | 430 | 622 | ZG3/4" | 0.07709 | 54.5 | 61.3 | 72.0 | 63.9 | 70.7 | 74.2 |
| 200 | 550 | 515 | 741 | ZG3/4" | 0.11967 | 81.0 | 93.3 | 127.7 | 85.3 | 97.0 | 120.5 |

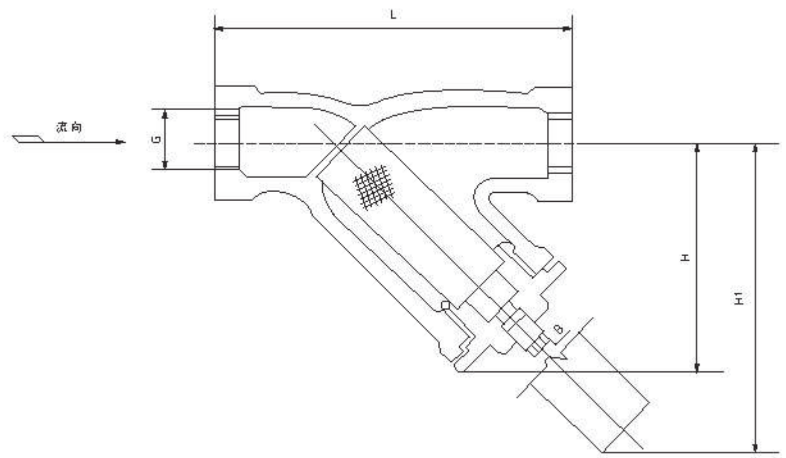
## 主要外形和连接尺寸 Main External and Connection Dimension

单位 Unit:mm

| NPS | DN | L | H | $H_1$ | B | 有效过滤面积 Strainer Area (m) | WT(Kg) GL41H | | GL41H | |
|---|---|---|---|---|---|---|---|---|---|---|
| in | mm | | | | | | 150Lb | 300Lb | 150Lb | 300Lb |
| GL41H | | | | | | | | | | |
| 1/2 | 15 | 110 | 87 | 120 | NTP1/8" | 0.00185 | 1.96 | 2.47 | 2.10 | 2.51 |
| 3/4 | 20 | 130 | 105 | 148 | NTP1/2" | 0.00281 | 2.25 | 3.35 | 2.29 | 3.40 |
| 1 | 25 | 150 | 114 | 176 | NTP1/2" | 0.00343 | 3.05 | 4.19 | 3.10 | 4.25 |
| 1 1/4 | 32 | 160 | 124 | 193 | NTP1/2" | 0.00486 | 4.14 | 5.85 | 4.21 | 5.64 |
| 1 1/2 | 40 | 200 | 156 | 237 | NTP1/2" | 0.00767 | 6.09 | 8.49 | 6.20 | 8.63 |
| 2 | 50 | 220 | 181 | 270 | NTP1/2" | 0.01160 | 8.57 | 11.0 | 9.86 | 11.2 |
| 2 1/2 | 65 | 290 | 259 | 369 | NPT3/4" | 0.02111 | 22.7 | 27.7 | 23.6 | 29.0 |
| 3 | 80 | 310 | 293 | 429 | NPT3/4" | 0.03029 | 25.2 | 37.6 | 27.8 | 38.2 |
| 4 | 100 | 350 | 324 | 488 | NPT3/4" | 0.04033 | 33.7 | 58.0 | 36.7 | 57.2 |
| 5 | 125 | 400 | 390 | 547 | NPT3/4" | 0.05589 | 48.1 | 76.4 | 52.1 | 76.6 |
| 6 | 150 | 480 | 448 | 622 | NPT3/4" | 0.07709 | 59.7 | 112.1 | 66.8 | 104.4 |
| 8 | 200 | 550 | 535 | 741 | NPT3/4" | 0.11967 | 87.3 | 183.2 | 91.2 | 175.6 |

## Y型过滤器 Y-Type Strainer

GL11C-H10-H25(A150)




### 主要外形和连接尺寸 Main External and Connection Dimension

单位 Unit:mm

| 公称通径 DN | L | G | H | H1 | B | 有效过滤面积 Strainer Area ($m^2$) | WT (Kg) |
|---|---|---|---|---|---|---|---|
| GL11C-H10 GL11C-H16 GL11C-H25 | | | | | | | |
| 15 | 100 | 1/2" | 74 | 99 | ZG3/8" | 0.00185 | 0.78 |
| 20 | 110 | 3/4" | 88 | 127 | ZG1/2" | 0.00281 | 1.10 |
| 25 | 130 | 1" | 103 | 150 | ZG1/2" | 0.00343 | 1.43 |
| 32 | 160 | 1 1/4" | 110 | 163 | ZG1/2" | 0.00486 | 2.11 |
| 40 | 180 | 1 1/2" | 132 | 203 | ZG1/2" | 0.00767 | 3.07 |
| 50 | 200 | 2" | 163 | 243 | ZG1/2" | 0.01160 | 3.91 |

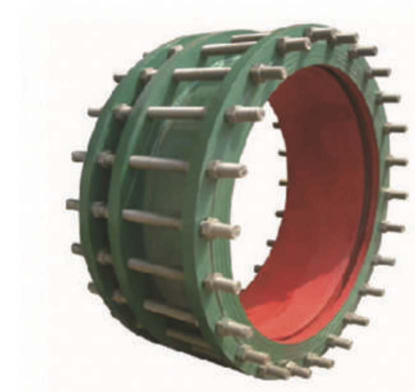
### 主要外形和连接尺寸 Main External and Connection Dimension

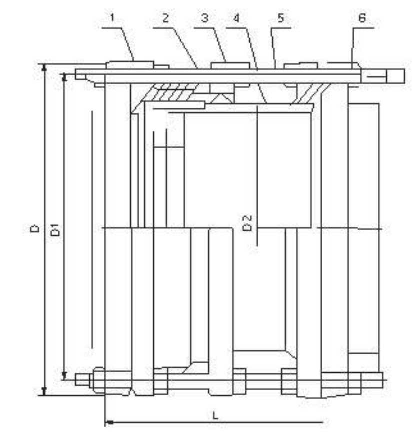
单位 Unitmm

| NPS in | DN mm | NPT | L | H | H1 | B | 有效过滤面积 Strainer Area ($m^2$) | WT (Kg) |
|---|---|---|---|---|---|---|---|---|
| GL11C-A150 | | | | | | | | |
| 3/4 | 15 | 1/2" | 100 | 74 | 99 | NPT3/8" | 0.00185 | 0.78 |
| 1/2 | 20 | 3/4" | 110 | 88 | 127 | NPT1/2" | 0.00281 | 1.23 |
| 1 | 25 | 1" | 130 | 103 | 150 | NPT1/2" | 0.00343 | 1.43 |
| 1 1/4 | 32 | 1 1/4" | 160 | 110 | 163 | NPT1/2" | 0.00486 | 2.11 |
| 1 1/2 | 40 | 1 1/2" | 180 | 132 | 203 | NPT1/2" | 0.00767 | 3.07 |
| 2 | 50 | 2" | 200 | 163 | 243 | NPT1/2" | 0.01160 | 3.91 |



## VSSJAF型双法兰传力接头 Dual-flange Joint Force






### 安装数据表 Assemble a bata sheet

| 公称通径 | 管子外径 | 外形尺寸 | | 伸缩量 | 法兰连接尺寸 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0.6MPa | | | 1.0MPa | | |
| | Dw | L | L1 | | D | D1 | n-d0 | D | D1 | n-d0 |
| 65 | 76 | 340 | 105 | 50 | 160 | 130 | 4-14 | 185 | 145 | 4-18 |
| 80 | 89 | | | | 190 | 150 | 4-18 | 200 | 160 | 8-18 |
| 100 | 108 | | | | 210 | 170 | | 220 | 180 | |
| | 114 | | | | | | | | | |
| 125 | 133 | | | | 240 | 200 | 8-18 | 250 | 210 | |
| | 140 | | | | | | | | | |
| 150 | 159 | | | | 265 | 225 | | 285 | 240 | 8-22 |
| | 168 | | | | | | | | | |
| 200 | 219 | | | | 320 | 280 | 12-18 | 340 | 295 | |
| 250 | 273 | | | | 370 | 335 | | 395 | 350 | 12-22 |
| 300 | 325 | 350 | 130 | 65 | 440 | 395 | 12-22 | 445 | 400 | – |
| 350 | 377 | | | | 490 | 445 | | 505 | 460 | 16-22 |
| 400 | 426 | | | | 540 | 495 | 16-22 | 565 | 515 | 16-26 |
| 450 | 480 | | | | 590 | 550 | | 615 | 565 | – |
| 500 | 530 | | | | 645 | 600 | 20-22 | 670 | 620 | 20-26 |
| 600 | 630 | | | | 755 | 705 | 20-26 | 780 | 725 | 20-30 |
| 700 | 720 | | | | 860 | 810 | 24-26 | 895 | 840 | 24-30 |
| 800 | 820 | 590 | 220 | 130 | 975 | 920 | 24-30 | 1015 | 950 | 24-33 |
| 900 | 920 | | | | 1075 | 1020 | – | 1115 | 1015 | 28-33 |
| 1000 | 1020 | | | | 1175 | 1120 | 28-30 | 1230 | 1160 | 28-36 |
| 1200 | 1220 | | | | 1405 | 1340 | 32-33 | 1455 | 1380 | 32-40 |
| 1400 | 1420 | | | | 1630 | 1560 | 36-36 | 1675 | 1590 | 36-42 |
| 1500 | 1520 | | | | 1730 | 1660 | | – | – | – |
| 1600 | 1620 | | | | 1830 | 1760 | 40-36 | 1915 | 1820 | 40-48 |
| 1800 | 1820 | | | | 2045 | 1970 | 44-40 | 2115 | 2020 | 44-48 |
| 2000 | 2020 | | | | 2265 | 2180 | 48-42 | 2325 | 2230 | 48-48 |
| 2200 | 2220 | | | | 2475 | 2390 | 52-42 | 2550 | 2440 | 52-56 |
| 2400 | 2420 | | | | 2685 | 2600 | 56-42 | 2760 | 2650 | 56-56 |

JGD型

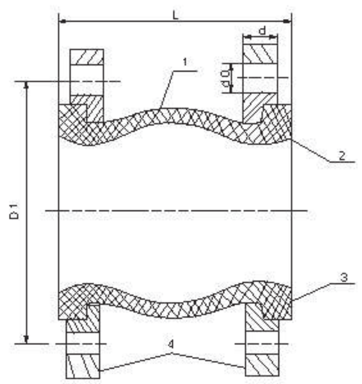


示意图 Sketch Map:
1、主体 Body
2、内衬 Lining
3、骨架 Shell Sheet
4、法兰 Flange

## 技术条件 Technical condition

| 型号 Type / 项目 Ltem | KXT-1 | KXT-2 | KXT-3 |
|---|---|---|---|
| 工作压力MPa(kg·f/cm²) Working pressure | 1(10) | 1.6(16) | 2.5(25) |
| 爆破压力MPa(kg·f/cm²) Bursting pressure | 2(20) | 3(30) | 4.5(45) |
| 真空度 Vacuity KPa(mmHg) | 53.3(400) | 86.7(650) | 100(750) |
| 适用温度 ℃ Applicable temperature | -15~+115，特殊可达(Mannerism)-30~+250 | | |
| 适用介质 Applicable medium | 空气、压缩空气、水、海水、热水、油、酸、碱等<br>Air, Compressesair, water, sea water, hotweater, acid, etc. | | |

## 公称通径、长度、位移数值与法兰主要数据表
## Table of main parameters of namial core diameter,length,displacement and flange

| 公称通径DN Nominal diameter (mm) | (in) | 长度 L Length (mm) | 法兰厚度 Flanae (mm) | 螺栓数 of bolt n | 螺栓孔直径 Diameler of bolt hole do(mm) | 螺栓孔中心圆直径 Diameler of bolthole center circle do(mm) | 轴向位 Axial displacement (mm) 伸长 Stretch | 压缩 Comprwssion | 横向位移 Lateral displacement (mm) | 偏转角度 Angle of deflection (α1+α2) |
|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 11/4 | 95 | 16 | 4 | 18 | 100 | 6 | 9 | 9 | 15° |
| 40 | 11/2 | 95 | 18 | 4 | 18 | 110 | 6 | 10 | 9 | 15° |
| 50 | 2 | 105 | 18 | 4 | 18 | 125 | 7 | 10 | 10 | 15° |
| 65 | 21/2 | 115 | 20 | 4 | 18 | 145 | 7 | 13 | 11 | 15° |
| 80 | 3 | 135 | 20 | 8 | 18 | 160 | 8 | 15 | 12 | 15° |
| 100 | 4 | 150 | 22 | 8 | 18 | 180 | 10 | 19 | 13 | 15° |
| 125 | 5 | 165 | 24 | 8 | 18 | 210 | 12 | 19 | 13 | 15° |
| 150 | 6 | 180 | 24 | 8 | 22 | 240 | 12 | 20 | 14 | 15° |
| 200 | 8 | 210 | 24 | 8 | 22 | 295 | 16 | 25 | 22 | 15° |
| 250 | 10 | 230 | 28 | 12 | 22 | 350 | 16 | 25 | 22 | 15° |
| 300 | 12 | 245 | 28 | 12 | 22 | 400 | 16 | 25 | 22 | 15° |
| 350 | 14 | 255 | 28 | 16 | 22 | 460 | 16 | 25 | 22 | 15° |
| 400 | 16 | 255 | 30 | 16 | 26 | 515 | 16 | 25 | 22 | 15° |
| 450 | 18 | 255 | 30 | 20 | 26 | 565 | 16 | 25 | 22 | 15° |
| 500 | 20 | 255 | 32 | 20 | 26 | 620 | 16 | 25 | 22 | 15° |
| 600 | 24 | 260 | 36 | 20 | 26 | 725 | 16 | 25 | 22 | 15° |
| 700 | 28 | 320 | 36 | 24 | 30 | 840 | 16 | 25 | 22 | 15° |
| 800 | 32 | 340 | 36 | 24 | 30 | 950 | 16 | 25 | 22 | 15° |
| 900 | 36 | 370 | 36 | 24 | 30 | 1050 | 16 | 25 | 22 | 15° |
| 1000 | 40 | 400 | 36 | 28 | 30 | 1160 | 18 | 26 | 24 | 15° |
| 1200 | 48 | 420 | 36 | 32 | 33 | 1380 | 18 | 26 | 24 | 15° |

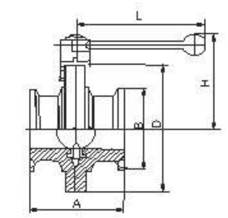
注：1、DN32-1200PN=1MPa 2、DN32-300PN=1.6MPa 3、DN32-300PN=2.5MPa 4、法兰按JB81-59选取 5、特殊要求请来函来图订制 6、高层给水使用本产品，管道必须有固定支撑或固定托架，否则产品应安装防拉脱离装置，固定支撑或托架的力必须大于轴向力，否则也应安装防拉脱离装置。

Note: 1.DN32-1200PN=1MPa 2.DN32 300PN=1.6MPa 3.DN32-300PN=2.5MPa 4.Flangeis selected accordlng to JB81-59.5 Specal requiremenls maybe satisfied to order by corresoondence and graph 6.When using this product for high water supply.the pipeline should be provided with fixed supportor bracket.otherwise the product must be fitted with an anti-fall device.The force of fixed support or bracket should be greater than axial force.otherwise an anti-fall device is alsoneeded.



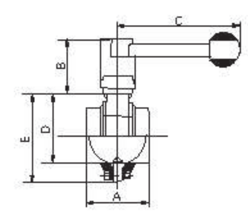


不锈钢快装蝶阀
Stainless steel Express installed butterfly valve



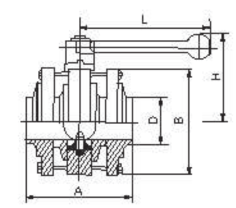
| 规格(Iso) | A | B | D | L | H |
|---|---|---|---|---|---|
| 20 | 66 | 78 | 50.5 | 84 | 130 |
| 25 | 66 | 78 | 50.5 | 84 | 130 |
| 32 | 66 | 78 | 50.5 | 84 | 130 |
| 38 | 70 | 86 | 50.5 | 88 | 130 |
| 51 | 76 | 102 | 64 | 96 | 140 |
| 63 | 80 | 115 | 77.5 | 102 | 150 |
| 76 | 84 | 128 | 91 | 110 | 150 |
| 89 | 90 | 139 | 106 | 115 | 160 |
| 102 | 104 | 155 | 119 | 122 | 160 |
| 108 | 108 | 159 | 119 | 125 | 160 |

焊接式蝶阀
Welding-butterfly valve



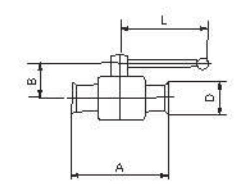
| 规格(Iso) | A | B | D | L | H |
|---|---|---|---|---|---|
| 20 | 66 | 78 | 19.05 | 130 | 84 |
| 25 | 66 | 78 | 25.4 | 130 | 84 |
| 32 | 66 | 78 | 31.8 | 130 | 84 |
| 38 | 70 | 86 | 38.1 | 130 | 88 |
| 51 | 76 | 102 | 50.8 | 140 | 96 |
| 63 | 80 | 115 | 63.5 | 150 | 102 |
| 76 | 84 | 128 | 76.1 | 150 | 110 |
| 89 | 90 | 139 | 88.9 | 160 | 115 |
| 102 | 104 | 155 | 101.6 | 160 | 122 |
| 108 | 108 | 159 | 108 | 160 | 125 |

不锈钢三片蝶阀
3 Stainless steel butterfly valve



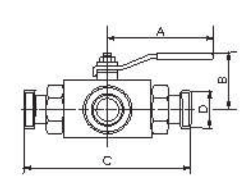
| 规格(Iso) | A | B | D | L | H |
|---|---|---|---|---|---|
| 20 | 100 | 78 | 19.05 | 130 | 84 |
| 25 | 100 | 78 | 25.4 | 130 | 84 |
| 32 | 100 | 78 | 31.8 | 130 | 84 |
| 38 | 100 | 86 | 38.1 | 130 | 88 |
| 51 | 104 | 102 | 50.8 | 140 | 96 |
| 63 | 112 | 115 | 63.5 | 150 | 102 |
| 76 | 112 | 128 | 76.1 | 150 | 110 |
| 89 | 120 | 139 | 88.9 | 160 | 115 |
| 102 | 128 | 155 | 101.6 | 160 | 122 |
| 108 | 128 | 159 | 108 | 160 | 125 |

不锈钢卫生级直通式球阀
Health-class stainless steel ball straight-through



| 规格(Iso) | DN | D | A |
|---|---|---|---|
| 20 | 3/4" | 50.5 | 100 |
| 25 | 1" | 50.5 | 115 |
| 32 | 1 1/4" | 50.5 | 170 |
| 40 | 1 1/2" | 50.5 | 150 |
| 50 | 2" | 64 | 180 |
| 65 | 2 1/2" | 77.5 | 200 |
| 80 | 3" | 91 | 220 |
| 100 | 4" | 119 | 320 |

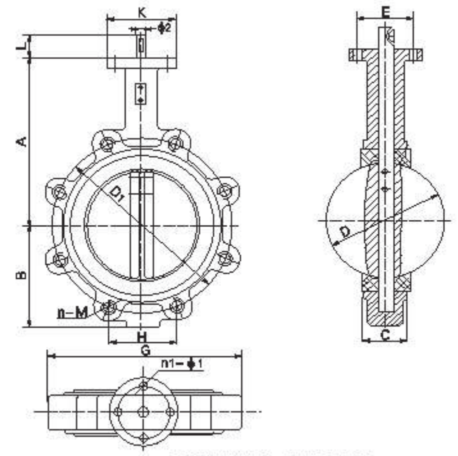
不锈钢卫生级三通式螺纹球阀
Health stainless steel screw-ball three grade



| 规格(Iso) | DN | D | C |
|---|---|---|---|
| 20 | 3/4" | 36x3 | 95 |
| 25 | 1" | 40x3 | 120 |
| 32 | 1 1/4" | 46x3 | 140 |
| 40 | 1 1/2" | 55x3 | 170 |
| 50 | 2" | 65x4 | 190 |
| 65 | 2 1/2" | 80x4 | 210 |
| 80 | 3" | 90x4 | 220 |
| 100 | 4" | 115x4 | 260 |

对夹式蝶阀 Wafer Butterfly Valve

## "LT"型蝶阀外型尺寸，连接尺寸和重量
## Overall & Connection Dimensions & Weight of Type"LT"Butterfly Valve



DN50(2")~600(24")

| 公称通径 Nominal diameter DN | | 尺寸 Size (mm) | | | | | | | | | | | | 重量 Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | B | C | D | L | H | D1 | n-ϕ | K | E | n1-ϕ1 | ϕ2 | G | |
| (mm) | (inch) | LTD71/371/671/971X-1.0/1.6 | | | | | | | | | | | | | |
| 50 | 2" | 161 | 80 | 42 | 52.9 | 32 | 88.39 | 125 | 4-M16 | 77 | 57.15 | 4-6.7 | 12.6 | 118 | 3.8 |
| 65 | 2.5" | 175 | 89 | 44.7 | 64.5 | 32 | 102.54 | 145 | 4-M16 | 77 | 57.15 | 4-6.7 | 12.6 | 137 | 4.2 |
| 80 | 3" | 181 | 95 | 45.2 | 78.8 | 32 | 61.23 | 160 | 8-M16 | 77 | 57.15 | 4-6.7 | 12.6 | 189 | 4.7 |
| 100 | 4" | 200 | 114 | 52.1 | 104 | 32 | 68.88 | 180 | 8-M16 | 92 | 69.85 | 4-10.3 | 15.77 | 206 | 9.0 |
| 125 | 5" | 213 | 127 | 54.4 | 123.3 | 32 | 80.36 | 210 | 8-M16 | 92 | 69.85 | 4-10.3 | 18.92 | 238 | 10.9 |
| 150 | 6" | 226 | 139 | 55.8 | 155.6 | 32 | 91.84 | 240 | 8-M20 | 92 | 69.85 | 4-10.3 | 18.92 | 266 | 14.2 |
| 200 | 8" | 260 | 175 | 60.6 | 202.5 | 45 | 112.89<br>76.35 | 295 | 8-M20<br>12-M24 | 115 | 88.9 | 4-14.3 | 22.1 | 329 | 18.2 |
| 250 | 10" | 292 | 203 | 65.6 | 250.5 | 45 | 90.59<br>91.88 | 350<br>355 | 12-M20<br>12-M24 | 115 | 88.9 | 4-14.3 | 28.45 | 393 | 26.8 |
| 300 | 12" | 337 | 242 | 76.9 | 301.6 | 45 | 103.52<br>106.12 | 400<br>410 | 12-M20<br>12-M24 | 140 | 107.95 | 4-14.3 | 31.6 | 462 | 40 |
| 350 | 14" | 368 | 267 | 76.5 | 333.3 | 45 | 89.74<br>91.69 | 460<br>470 | 16-M20<br>16-M24 | 140 | 107.95 | 4-14.3 | 31.6 | 515 | 56 |
| 400 | 16" | 400 | 309 | 86.5 | 389.6 | 51.2<br>72 | 100.48<br>102.42 | 515<br>525 | 16-M24<br>16-M27 | 197 | 158.75 | 4-20.6 | 33.15 | 579 | 96 |
| 450 | 18" | 422 | 328 | 105.6 | 440.51 | 51.2<br>72 | 88.38<br>91.51 | 565<br>585 | 20-M24<br>20-M27 | 197 | 158.75 | 4-20.6 | 38 | 627 | 122 |
| 500 | 20" | 480 | 361 | 131.8 | 491.6 | 64.2<br>82 | 96.99<br>101.68 | 620<br>650 | 20-M24<br>20-M30 | 197 | 158.75 | 4-20.6 | 41.15 | 696 | 202 |
| 600 | 24" | 562 | 459 | 152 | 592.5 | 70.2<br>82 | 113.42<br>120.46 | 725<br>770 | 20-M27<br>20-M33 | 276 | 215.9 | 4-22.2 | 50.65 | 821 | 270 |

注Note：

DN50(2")~600(24") "LT" 型蝶阀分别适用于PN1.O/PN1.6MPa二种压力级，表中每格有两个尺寸的分别表示PNI.0/PNI.6MPa二种压力级连接尺寸。与阀门连接的管法兰连接尺寸参照法兰连接尺寸表。蝶阀上法兰可通用于手动、蜗轮蜗杆传动、电动、气动等传动装置。

"LT" 型蝶阀的结构、性能、零件的材质与 "A" 型均相同，区别在于 "A" 型可通过双头螺栓(或加长六角螺栓)对夹连接在两管法兰之间(即对夹式)。"LT" 型除通过两管通六角螺栓连接在两管路之间外，还可以安装在管端(即单夹式)作为排空阀使用，但需在订货合同中注明管端使用。

DN50(2")~600(24")Type"LT"butterfly valve are sultable for the pressure grades of PN1.0MPa and PN1.6MPa separately Two dimensions in one column how two connectlon dlmnenslons of PN1.0/PN 1.6MPa pressure grade for the connectlon dlmenslons of plpe flallgns mounted to the valve. Please refer to the Connection Dimensions of flanges Table. The upper flanges of the butterlly valves accommodates all types of operators; manual, wormgeal, electrlc and pnlumatlc actuators.

Difference between Type"A"and"LT": Both Type"A"and"LT"have the same constmcdon andpertormances and are made and of the some materlals. The maln dlfference between them ls that type"A" valves are mounted between plpe flanges (wafe type) by bolls(or exlendcd hexagonbead bolls), while type"LT" can be eilher mounted belweentwo pipes by ordinary hexagon head bolts or mourned n the pipe end (lugged-type). As the valvels used at the end of plpe llne. lt ls necessary to lndlcate
in order.

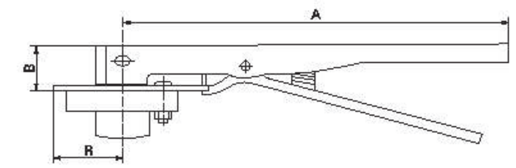
以上两种形式由用户在订货合同中注明。

A bore two klnds of verslons are glven clear lndlcatlon of by userln the order contFact.

法兰连接尺寸符合G4216，DIN2501，BS4504，BSI0-E，JISB2220，AS2129，ANSI B16、1等标准，须用户在合同中注明。

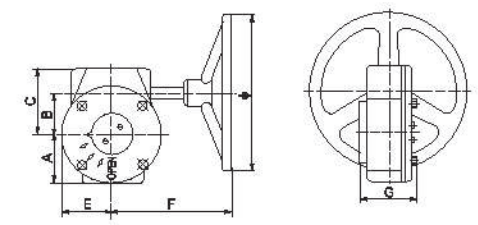
Theflange links the size and fits the standards such asGB4216, DIN2501, BS4504, BS10-E, JISB2220, AS2129, ANSI B16.1 etc, and must give clear lndlcatlon of ln the contract user.





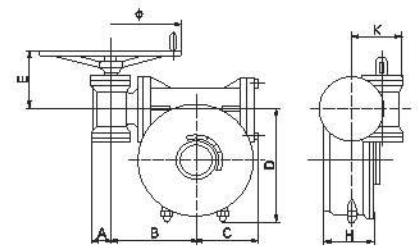
## 手柄传动装置外形尺寸及重量
## Overall Dimensions & Weight of Manual Actuator

| 适用蝶阀口径(mm) Size mm | A | B | R | 重量 Weight (kg) |
|---|---|---|---|---|
| 50~100 | 266.7 | 32 | 51 | 0.5 |
| 125~150 | 345 | 32 | 51 | 0.8 |
| 200~300 | 353 | 45 | 76.5 | 1.3 |



## 蜗轮蜗杆传动装置外形尺寸及重量
## Overall Dimensions & Weight of Wormgear Actuator

| 型号 Type | 适用蝶阀口径 (mm) Size mm | A | B | C | E | F | G | 重量 Weight (kg) |
|---|---|---|---|---|---|---|---|---|
| 3D-15 | 50~150 | 52 | 45 | 74 | 52 | 152.5 | 75 | 5.2 |
| 3D-50 | 200~250 | 75 | 62.75 | 101 | 75 | 250 | 86 | 13 |
| 3D-120 | 300~350 | 81 | 80 | 118 | 81 | 227 | 83 | 15 |

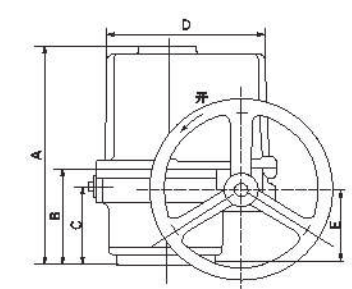


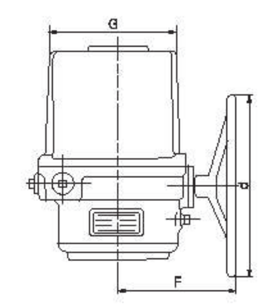
## 蜗轮蜗杆二级传动装置外形尺寸及重量
## Overall Dimensions & Weight of Double-stage Wormgear Actuator

| 型号 Type | 适用蝶阀口径 (mm) Size mm | A | B | C | D | E | ϕ | H | K | 重量 Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 3D-30/250 | 400~450 | 57 | 178 | 121 | 220 | 174 | 300 | 125 | 112 | 30 |
| 3D-30/400 | 500~600 | 57 | 221 | 142 | 274 | 174 | 300 | 145 | 112 | 72 |
| 3D-60/800 | 700~800 | 67 | 244 | 183 | 351 | 165 | 400 | 157 | 143 | 133 |

## DN50~350蝶阀电动装置外形尺寸及重量
## Performance Data, Overall Dimensions & Weight of Electric Actuator of Series"DN50-350"

| 型号 Type | LQ5-1 | LQ10-1 | LQ20-1 | LQ40-1 | LQ80-1 |
|---|---|---|---|---|---|
| 适用蝶阀口径mm Apply to the butterfly valve caliber(mm) | 50~80 | 100 | 125~150 | 200 | 250~300 |
| 最大输出转矩N.m The maximum exports revolution regulation N.m | 50 | 100 | 200 | 400 | 800 |
| 输出转速r/min Export rotation rate r/min | 1 | 1 | 1 | 1 | 1 |
| 电机功率km Electric motor power kw | 0.016 | 0.025 | 0.06 | 0.09 | 0.18 |
| 90° 启闭时间t 90° Start and stop time t | 15 | 15 | 15 | 15 | 15 |
| A | 258 | 258 | 258 | 325 | 325 |
| B | 109 | 109 | 109 | 163 | 163 |
| C | 76 | 76 | 76 | 110 | 110 |
| D | 162 | 162 | 162 | 235 | 235 |
| E | 80 | 80 | 80 | 100 | 100 |
| F | 125 | 125 | 125 | 165 | 165 |
| G | 187 | 187 | 187 | 205 | 205 |
| d | 185 | 185 | 185 | 280 | 280 |
| 重量Weight(kg) | 15 | 15 | 15 | 35 | 35 |





CONTACTPERSON:FRANKPAN

EMAIL:FRANK.PAN@KXC-METAL.COM

MOBILE:(0086)18622652376

TIANJIN KEXINCHENG METAL PRODUCTS CO., LTD.