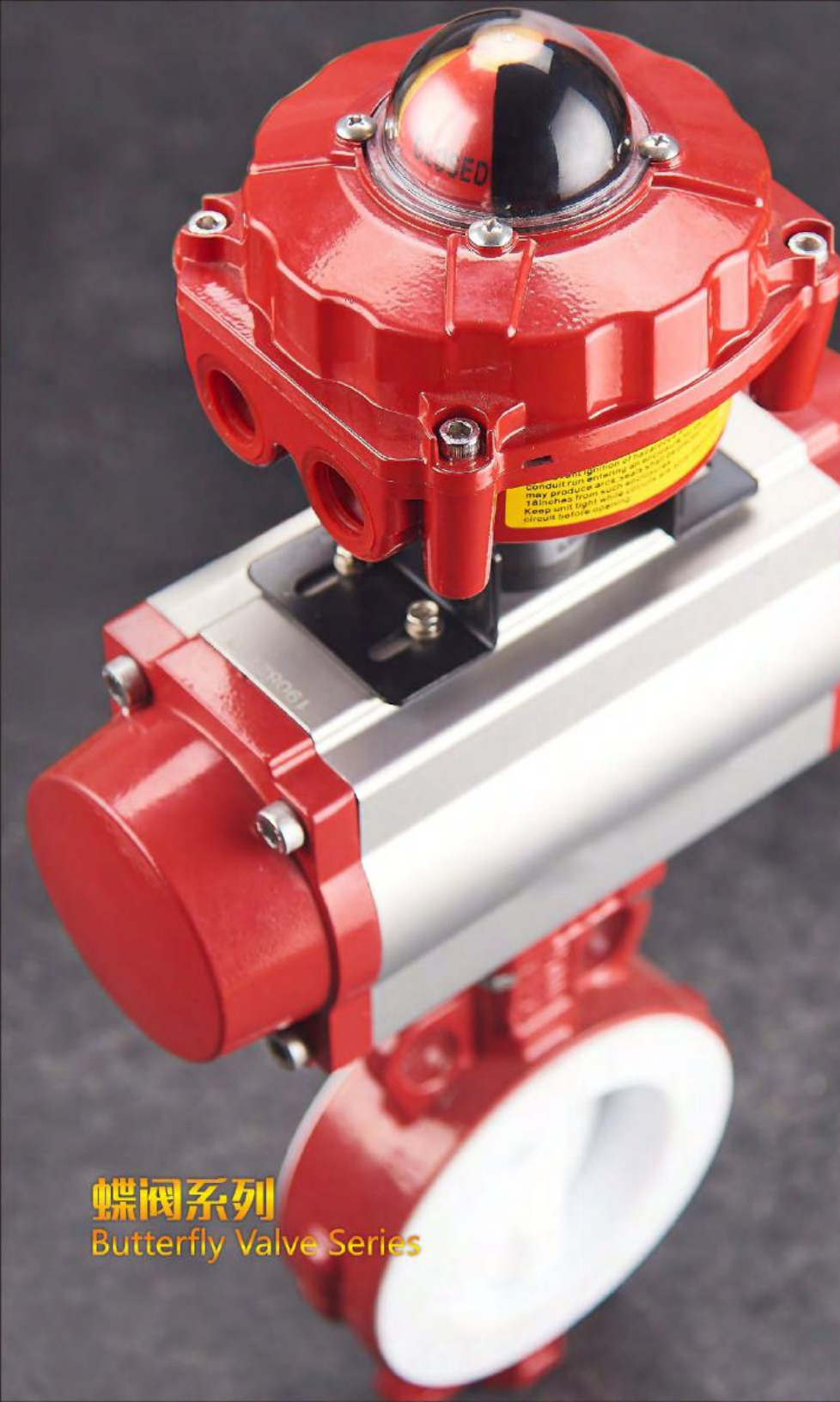




蝶阀系列
Butterfly Valve Series



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蝶阀系列产品手册
Butterfly Valve Series
Product Manual

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公司简介 COMPANY PROFILE

博雷(天津)控制系统制造有限公司位于天津市津南区小站镇营盘圈工业区,地理位置优越、交通便利,是一家集阀门产品研发、设计、制造、销售、服务于一体的工业过程控制阀生产企业。

公司主导产品有蝶阀、止回阀等。产品采用GB、JB、HG、API、ANSI、DIN、JIS等国内外标准设计制造。通径从1"至96"(DN25-2400mm),压力从150LB(PN6MPa-16MPa)JIS 5K、10K,工作温度为-10℃至180℃。

主要材料有球墨铸铁、铝青铜、碳素钢、不锈钢、合金钢、低温钢、双相钢、哈氏合金、铝合金及其他特殊钢材。我们以稳定的品质和服务取得了广大用户的信赖及支持,所涉及的行业包括化工、石化、电力、环境、生物科技、燃气、染料、制药、供热、造纸、建筑、食品、有色金属、钢铁以及其他工业领域。

我们重视客户提出的每一个要求,并按照客户提出的要求量身定做,致力于为客户提供更好的解决方案,同时也能优化产品性能,让客户深感满意并与他们保持紧密的合作关系。我们坚持这样做并且取得了成功,这是我们发展的动力。自从博雷(天津)控制系统诞生的那一刻起,我们力求把控制好生产的每一个环节。所以我们把质保系统渗透到每一个工序,确保每个产品用到的均是标准的零配件,这是我们发展的根本。

为了确保产品质量和满足顾客的要求,我们坚持不断深化内部管理,努力提升全员质量意识,扩大营销团队,为国内外客户提供更加方便、快捷的服务。

Bolley (Tianjin) Control System Manufacturing Co., Ltd. is located in Yingpanquan Industrial Zone, Xiaozhan Town, Jinnan District, Tianjin. It has an advantageous geographical location and convenient transportation. It is an industrial process control integrating valve product development, design, manufacturing, sales and service valve manufacturer.

The company's leading products include butterfly valves and check valves. Products are designed and manufactured according to domestic and foreign standards such as GB, JB, HG, API, ANSI, DIN, JIS, etc. The diameter ranges from 1" to 96" (DN25-2400mm), the pressure ranges from 150LB (PN6MPa-16MPa), JIS 5K, 10K, and the working temperature ranges from -10℃ to 180℃. The main materials are ductile iron, aluminum bronze, carbon steel, stainless steel, alloy steel, low temperature steel, duplex steel, hastelloy, aluminum alloy and other special steels.

We have won the trust and support of users with stable quality and service. The industries involved include chemical, petrochemical, electric power, environment, biotechnology, gas, dyes, pharmaceuticals, heating, papermaking, construction, food, non-ferrous metals, Steel and other industrial fields.

We attach importance to every request made by customers, and tailor them according to the requirements of customers. We are committed to providing customers with better solutions, while also optimizing product performance, so that customers are deeply satisfied and maintaining close cooperative relations with them. We insisted on doing this and achieved success, which is the driving force for our development. Since the birth of Bolley (Tianjin) Control System, we have strived to control every aspect of production. Therefore, we infiltrate the quality assurance system into every process to ensure that every product uses standard spare parts. This is the foundation of our development.

In order to ensure product quality and meet customer requirements, we insist on continuously deepening internal management, strive to enhance the quality awareness of all employees, expand the marketing team, and provide more convenient and faster services to domestic and foreign customers.

生产车间

PRODUCTION WORKSHOP

博雷（天津）控制系统是一家集阀门产品研发、设计、制造、销售、服务于一体的工业过程控制阀生产企业，具有多年专业设计制造阀门的丰富经验以及深厚的技术沉淀，拥有机械加工中心和检测设备。

Bolley(Tianjin) Control System is an industrial process control valve manufacturer integrating valve product development, design, manufacturing, sales and service. It has many years of professional valve design and manufacturing experience and profound technical precipitation, with mechanical processing center and testing equipment.





企业荣誉
ENTERPRISE HONOR

质量管理体系ISO9001中文版
Quality Management System
ISO9000 Chinese Version



质量管理体系ISO9001英文版
Quality Management System
ISO9000 English Version



环境管理体系ISO14001中文版
Chinese version of environmental
management system ISO14001



环境管理体系ISO14001英文版
Environmental management
system ISO14001English version



CE证书
CE certificate



实用新型专利（高性能偏心蝶阀）
Utility model patent (high
performance eccentric butterfly valve)



发明专利（高压气动阀）
Invention patent
(high pressure pneumatic valve)



实用新型专利（手柄对夹蝶阀）
Patent for utility model
(butterfly valve with handle)



产品优势 Product Advantages

该类产品，结构简单、紧凑、拆卸容易。90度启闭，开关迅速，操作力矩小、省力。既适用于液体介质，也适用气体介质。阀门零泄露密封性能好，使用寿命长。选择不同的零部件材质，可适用于多种介质，满足多行业多领域。流量特性近似于直线，调节性能好，可用于介质的截断和调节，也可用于管端排空使用。

This type of product is simple, compact and easy to disassemble. Opening and closing at 90 degrees, quick opening and closing, small operation torque and labor saving. It applies to both liquid and gas media. The valve has zero leakage sealing performance and long service life. Choose different parts and materials, can be applied to a variety of media, to meet multiple industries and fields. The flow characteristics are similar to straight lines, and the adjustment performance is good. It can be used for media interception and adjustment, and can also be used for pipe end evacuation.

工作原理 Working Principle

蝶阀产品主要是由阀体、阀板、转轴、润滑衬套、锥销(方、六方或扁传动)传动控制机构等零件组成。通过控制机构带动转轴及阀板旋转实现启闭和控制流量。

Butterfly valve products are mainly composed of valve body, valve plate, shaft, lubricating bush, taper pin (square, hexagonal or flat drive) transmission control mechanism and other parts. The control mechanism drives the rotating shaft and valve plate to rotate to realize opening and closing and control flow.

执行标准 Executive Standard

法兰连接符合GB/T 17241.6-1998标准、化工部标准HG、德国DIN2501、日标JIS2220、美标ANSI B16.1、API609等标准。

Flange connection shall comply with GB / T 17241.6-1998, HG of Ministry of chemical industry, DIN2501, JIS2220, ANSI B16.1 and API609.

博雷控制产品广泛用于世界范围各个领域：集中供热、中央空调系统、石油化工、市政设施、环境保护、食品饮料、制药、纯净水处理、船舶、造纸、矿业、电力及办公事业、脱硫/脱销、水厂及水源工程、灌溉/污水/水处理、海水淡化、纺织、钢铁冶金、糖业/酒精等多领域。

Bolley Control products are widely used in various fields around the world: Central heating, central air-conditioning system, petrochemical industry, municipal facilities, environmental protection, food and beverage, pharmaceutical, pure water treatment, shipping, papermaking, mining, power and office business, desulfurization / out-of-sale, water plant and water source engineering, irrigation / sewage / Water treatment, seawater desalination, textile, iron and steel metallurgy, sugar industry / alcohol and other fields.



外部涂层 External Coating

1、采用符合国际标准的静电环氧粉末喷涂，表面有很好的抗腐蚀性和耐磨性，适用于各类腐蚀性工况环境。耐腐蚀性强能抗腐蚀于盐溶液，盐水、油脂、石油溶液、酒精，弱碱、弱酸，防潮和防水性非常好。户外性能抵抗紫外线。耐磨性强有很好的抗磨损性能。耐冲击性强可承受一定的冲击表面不脱落。

2、尼龙N6/N11，具有极强的耐腐蚀性，适合多种领域，如水、泥浆、食品和海水淡化等。户外性可长时间暴露于恶劣环境下，金属基体无锈蚀。通过长时间的盐雾试验和海水浸泡，表层无脱落迹象。有很好的抗磨损性能。耐冲击性强，可承受一定的冲击表面不脱落。

3、用户特殊需求，可提供客户要求的其他涂层。

1. It adopts electrostatic epoxy powder spraying that conforms to international standards. The surface has good corrosion resistance and wear resistance and is suitable for various corrosive working conditions. Strong corrosion resistance can resist corrosion in salt solution, salt water, grease, petroleum solution, alcohol, weak base, weak acid, moisture resistance and waterproof. Outdoor performance resists ultraviolet rays. Strong wear resistance and good wear resistance. Strong impact resistance can withstand a certain impact surface does not fall off.

2. Nylon N6 / N11 has extremely strong corrosion resistance and is suitable for various fields, such as water, mud, food and seawater desalination. Outdoor can be exposed to harsh environments for a long time without corrosion of the metal substrate. After a long period of salt spray test and seawater immersion, the surface layer showed no signs of shedding. Has good anti-wear performance. Strong impact resistance can withstand a certain impact surface does not fall off.

3. Other coatings required by customers can be provided according to their special requirements.

阀座主要材料 Main material of valve seat

EPDM是Ethylene Propylene Diene Monomer的英文缩写，在一般的工业领域EPT、NORDEL、ECD或EPR都是这种材料。三元乙丙是博雷控制提供最为广泛的，也是最为经济的的材料，相对于其他材料如：NBR丁腈材料应用更为广泛。该材料既可以用于阀座密封，也可用于阀板覆盖包胶，更为重要的是博雷控制提供的EPDM材料为食品级的材料，可以放心的用于各类食品领域。

NBR 即Nitrile是丙烯腈和丁二烯的聚合物，NBR也是非常好的常用阀座材料，特别适用于碳氢化合物环境的领域，及油品类介质。也是食品级的材料，适用于卫生领域。

PTFE 聚四氟乙烯，PTFE包覆橡胶阀座，PTFE包覆粘接在EPDM或NBR之上，橡胶作为阀座的弹性支撑靠背层，用以支撑比较硬质的PTFE材料，共同组成一个完整的阀座，由于EPDM或NBR被PTFE包覆，具有了一定的弹性，因此，扩大了适用范围。PTFE较适合有腐蚀性的领域。该材料既可以用于阀座，也可用于阀板覆盖包胶。

EPDM is the abbreviation of ethylene propylene diene monomer, which is used in general industrial fields such as EPT, NORDEL, ECD or EPR. EPDM is the most widely and economical material provided by Bolley Control, which is more widely used than other materials such as NBR nitrile. This material can be used not only for valve seat sealing, but also for valve plate coating. More importantly, the EPDM material provided by Bolley Control is food grade material, which can be safely used in various food fields.

NBR, nitrile, is a polymer of acrylonitrile and butadiene. NBR is also a very good common valve seat material, especially suitable for the field of hydrocarbon environment and oil media. It is also a food grade material, suitable for the field of health.

PTFE polytetrafluoroethylene, PTFE coated rubber valve seat, PTFE coated and bonded on EPDM or NBR, rubber as the elastic support backrest layer of valve seat, is used to support the relatively hard PTFE material, and together constitute a complete valve seat. Because EPDM or NBR is covered by PTFE, it has certain elasticity, so it expands the scope of application. PTFE is more suitable for corrosive areas. The material can be used for both valve seat and valve plate covering.



材料与适用温度
Material and Applicable Temperature

● 非常适用 Just the thing ● 适用 Suitbale ● 有限适用 Limited suit ● 不适用 Not suit

密封材料 Sealing Material		适用温度 Applicable temperature	介质类型及适用温度 Medium type and applicable temperature													突出特点 Outstanding features	价格 Price
			淡水 Freshwater	海水 Seawater	盐类 Salt	强碱 Strong alkali	弱碱 Weak Alkali	强酸 Strong Acid	弱酸 Weak Acid	天然气 Natural Gas	醇类 Alcohols	空气 Atmosphere	蒸汽 Steam	油类 Oils	食品 Food		
阀座 Seat	丁腈NBR	-10~93℃	●	●	●	●	●	●	●	●	●	●	●	●	●	耐油 Oil resistant	低 Low
	三元乙丙EPDM	-50~100℃	●	●	●	●	●	●	●	●	●	●	●	●	●	耐老化 Aging resistance	较低 Lower
	天然橡胶NR	-20~80℃	●	●	●	●	●	●	●	●	●	●	●	●	●	耐弹性 Resilience	低 Low
	氯丁橡胶CR	-40~82℃	●	●	●	●	●	●	●	●	●	●	●	●	●	耐光、耐老化 Light and Aging Resistance	低 Low
	硅橡胶SI	-65~200℃	●	●	●	●	●	●	●	●	●	●	●	●	●	耐高温 High temperature resistance	高 High
	氟橡胶FPM	-23~180℃	●	●	●	●	●	●	●	●	●	●	●	●	●	耐高温、耐腐蚀 High temperature and corrosion resistance	昂贵 Expensive
	聚四氟乙烯PTFE	-210~150℃	●	●	●	●	●	●	●	●	●	●	●	●	●	耐强腐蚀、耐热 Strong corrosion resistance and heat resistance	昂贵 Expensive
蝶板 Disc	球铁电镀 Ductile iron electroplating	-30~350℃	●	●	●	●	●	●	●	●	●	●	●	●	●	耐热 Heat-resisting	低 Low
	球铁尼龙覆层 Ductile iron nylon coating	-30~95℃	●	●	●	●	●	●	●	●	●	●	●	●	●	抗蚀、耐磨、减磨 Corrosion resistance, wear resistance and wear reduction	较低 Lower
	球铁氮化聚醚覆层 Nitriding polyether coating of nodular iron	-30~130℃	●	●	●	●	●	●	●	●	●	●	●	●	●	耐强腐蚀、耐磨 Strong corrosion resistance and wear resistance	较低 Lower
	球铁四氟覆层 PTFE coating of ductile iron	-30~150℃	●	●	●	●	●	●	●	●	●	●	●	●	●	耐强腐蚀、耐热 Strong corrosion resistance and heat resistance	昂贵 Expensive
	铝青铜 Aluminum bronze	-273~232℃	●	▲	●	●	●	●	●	●	●	●	●	●	●	耐热、耐腐蚀 Heat and corrosion resistance	高 High
	不锈钢 stainless steel	-268~538℃	●	▲	●	●	●	●	●	●	●	●	●	●	●	耐高温、耐腐蚀 High temperature and corrosion resistance	高 High
	碳钢电镀 Carbon steel electroplating	-29~425℃	●	●	●	●	●	●	●	●	●	●	●	●	●	耐高温 High temperature resistance	较低 Lower
	双相不锈钢2507 Duplex stainless steel 2507	-268~538℃	●	●	●	●	●	●	●	●	●	●	●	●	●	耐高温、耐腐蚀 High temperature and corrosion resistance	昂贵 Expensive
	脱硫脱硝合金钢1.4529 Desulfurization and denitrication alloy steel 1.4529	-268~538℃	●	●	●	●	●	●	●	●	●	●	●	●	●	耐高温、耐腐蚀 High temperature and corrosion resistance	昂贵 Expensive

1.本表仅供参考，客户订货时应详告介质、名称、浓度、温度、压力，我们帮您做出理想选择。This table is for reference only. When ordering, customers should tell the media, name, concentration, temperature and pressure in detail. We will help you make the best choice.

2.表中：▲ 流速大于1.5M/S不适用 In the table: not applicable if the flow rate is greater than 1.5m/s 氢氧化钾不适用 ● Potassium hydroxide is not applicable

对夹蝶阀系列
Wafer Butterfly Valve Series

主要技术参数
Main Technical Parameters



产品结构特点 Product Structure Features

- 1、上法兰：标准化的驱动装置法兰，符合ISO5211。
- 2、阀体：选用球墨铸铁及可适用的其他材料。
- 3、阀板：流线型的阀板有效减少压力损失和流量损失，阀板边缘经球面加工和手工抛光，具有操作力矩小，阀座使用寿命长，密封性能好等特点，依据介质多种材料可选，与转轴内部链接传动，防腐性能更优。
- 4、橡胶阀座：在阀轴穿过部分的边缘同样采用全新的球面密封设计，取代以往传统蝶阀阀座台面凸出的设计，与阀板完美结合。减少阀板和阀座之间的摩擦，使启闭力矩更轻，使用寿命更长。靴式阀座及一体式阀座，能够完全把阀体与介质隔离，与其他结构阀门相比，阀座安装更牢固，极低的扭矩值，安装时两端无需另加法兰垫片，可适用各种材料，适用于管线末端(凸耳型)。
- 5、阀杆：中心型通轴阀杆设计扁、四方、六方阀板传动，双向密封无泄漏，安装无流向限制。
- 6、轴套：铜合金，更加耐磨，有效降低扭矩。
- 7、“O”型圈：NBR丁腈橡胶，有效防尘防内漏。
- 8、“U”型锁片，弹性挡圈，有效防止转轴吹出。

- 1. Upper flange: standardized driving device flange, conforming to ISO5211.
- 2. Body: Ductile iron and other materials applicable.
- 3. Valve plate: streamlined valve plate can effectively reduce pressure loss and flow loss. The edge of valve plate is processed by spherical surface and polished by hand. It has the characteristics of small operating torque, long service life of valve seat and good sealing performance. It can be selected according to various materials of medium, and it is linked with the internal transmission of rotating shaft, with better anti-corrosion performance.
- 4. Rubber seat: the new spherical sealing design is also adopted at the edge of the valve shaft through part, replacing the traditional butterflyThe protruding design of the valve seat surface perfectly combines with the valve plate. Reduce the friction between valve plate and valve seat, so that the opening and closing forceLighter moment and longer service life. Shoe seat and integral valve seat can completely isolate the valve body from the medium, and Compared with other structure valves, the valve seat is more firmly installed with very low torque value, and there is no need to add additional flange gasket at both endsIt can be applied to various materials and pipe ends (lug type).
- 5. Stem: the center type double half shaft stem is designed to be driven by flat,square and hexagonal valve plates, with two-way sealing without leakage and installation without flow restriction.
- 6. Shaft sleeve: copper alloy, more wear-resistant, effectively reduce torque.
- 7. "O" ring: NBR rubber, effective dust-proof and internal leakage proof.
- 8. "U" type locking plate and circlip can effectively prevent the shaft from blowing out.

阀门扭矩表 Valve Torque Table

ΔP bar	BVW(CWBV)/BVL									
	口径 DN									
	40	50	65	80	100	125	150	200	250	300
6	11	14	14	27	41	60	89	165	257	360
10	12	18.6	25.2	33.6	56	83.1	133.8	297	486	699
16	14	24.2	32.7	43.7	72.8	108	174	330	549	799
ΔP bar	BVU									
	口径 DN									
	350	400	450	500	600	700	800	900	1000	1200
6	526	690	965	1214	1946	2764	3686	4666	6344	11068
10	825	1133	1253	1617	2622	4908	6462	7886	13389	18833
16	969	1307	1787	2288	3711	5480	6450	9215	12853	22504

主要性能规范 Main Performance Spcification

公称口径 DN(mm) Nominal diameter		DN50- DN1200	DN50- DN1200	DN50- DN300	DN600- DN2400
公称压力 PN(MPa) Nominal pressure		1.0	1.6	2.5	0.6
试验压力 Test pressure	密封(MPa) Seal	1.1	1.76	2.75	0.66
	壳体(MPa) Shell	1.5	2.4	3.75	0.9
适用温度 Applicable temperature		-10℃~100℃			
适用介质 Applicable medium		水、油酯、气体等 Water, oil ester, gas, etc.			

手柄无销对夹式蝶阀
Wafer Butterfly Valve Without Pin On Handle



蜗轮对夹式蝶阀
Worm Gear Wafer Butterfly Valve



电动对夹式蝶阀
Electric Wafer Butterfly Valve



气动对夹式蝶阀
Pneumatic Wafer Butterfly Valve



公称通径 Nominal diameter	DN50~DN150
阀体材质 Body material	球墨铸铁 Ductile iron
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-10℃~100℃
适用介质 Applicable medium	水、油脂、气体等 Water, oil ester, gas, etc.
连接方式 Connection end	对夹 Wafer
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

公称通径 Nominal diameter	DN50~DN1400
阀体材质 Body material	球墨铸铁 Ductile iron
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-10℃~100℃
适用介质 Applicable medium	水、油脂、气体等 Water, oil ester, gas, etc.
连接方式 Connection end	对夹 Wafer
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

公称通径 Nominal diameter	DN50~DN500
阀体材质 Body material	球墨铸铁 Ductile iron
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-10℃~100℃
适用介质 Applicable medium	水、油脂、气体等 Water, oil ester, gas, etc.
连接方式 Connection end	对夹 Wafer
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

公称通径 Nominal diameter	DN50~DN1400
阀体材质 Body material	球墨铸铁 Ductile iron
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-10℃~100℃
适用介质 Applicable medium	水、油脂、气体等 Water, oil ester, gas, etc.
连接方式 Connection end	对夹 Wafer
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

手柄对夹式不锈钢蝶阀
Handle Wafer Type Stainless Steel Butterfly Valve



蜗轮对夹式不锈钢蝶阀
Worm Gear Wafer Type Stainless Steel Butterfly Valve



气动对夹式不锈钢蝶阀
Pneumatic Wafer Type Stainless Steel Butterfly Valve



电动对夹式不锈钢蝶阀
Electric Wafer Type Stainless Steel Butterfly Valve



公称通径 Nominal diameter	DN50~DN150
阀体材质 Body material	不锈钢 Stainless steel
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-10℃~100℃
适用介质 Applicable medium	水、油脂、气体等 Water, oil ester, gas, etc.
连接方式 Connection end	对夹 Wafer
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

公称通径 Nominal diameter	DN50~DN1400
阀体材质 Body material	不锈钢 Stainless steel
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-10℃~100℃
适用介质 Applicable medium	水、油脂、气体等 Water, oil ester, gas, etc.
连接方式 Connection end	对夹 Wafer
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

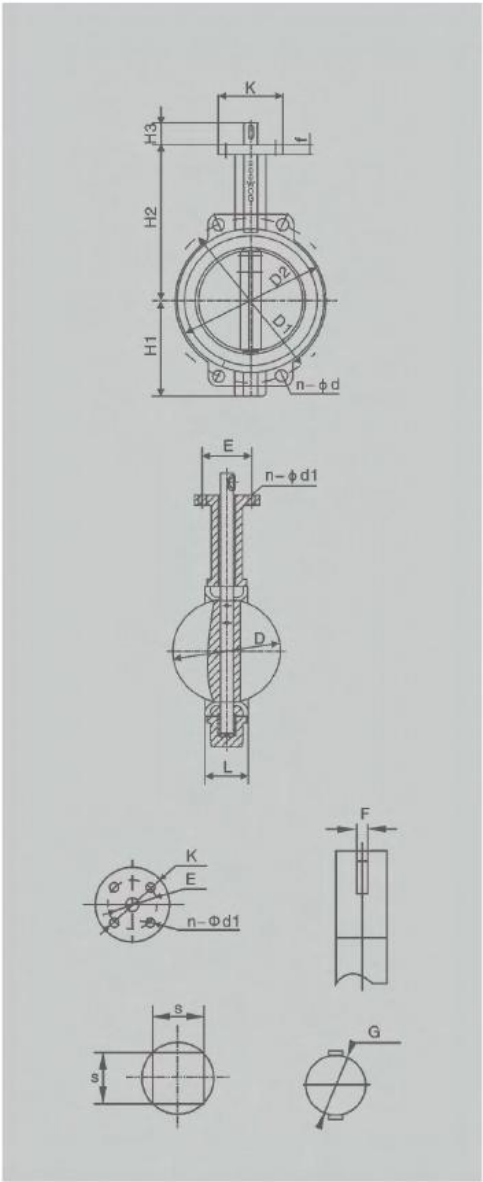
公称通径 Nominal diameter	DN50~DN500
阀体材质 Body material	不锈钢 Stainless steel
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-10℃~100℃
适用介质 Applicable medium	水、油脂、气体等 Water, oil ester, gas, etc.
连接方式 Connection end	对夹 Wafer
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

公称通径 Nominal diameter	DN50~DN1400
阀体材质 Body material	不锈钢 Stainless steel
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-10℃~100℃
适用介质 Applicable medium	水、油脂、气体等 Water, oil ester, gas, etc.
连接方式 Connection end	对夹 Wafer
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

主要外形尺寸 Main Overall Dimension

PN1.0/1.6MPa

规格Size		L	H1	H2	H3	D	D1	D2	n-Φd		n-Φd1	S*S/G	E	K	F	f
(mm)	(inch)								PN16	PN10						
50	2"	42	80	161	14	52.6	120	118	4-18	4-18	4-6.7	9*9/12.6	50/70	65/90	3	13
65	2.5"	44.7	89	175	14	64.3	136.2	137	4-18	4-18	4-6.7	9*9/12.6	50/70	65/90	3	13
80	3"	45.2	95	181	14	78.8	160	143	8-18	8-18	4-6.7	9*9/12.6	50/70	65/90	3	13
100	4"	52.1	114	200	18	104	185	156	8-18	8-18	4-10.3	11*11/15.7	70	90	5	13
125	5"	54.4	127	213	22	123.3	215	190	8-18	8-18	4-10.3	14*14/18.9	70	90	5	13
150	6"	55.8	139	226	22	155.7	238	212	8-22	8-22	4-10.3	14*14/18.9	70	90	5	13
200	8"	60.6	175	260	24	202.4	295	268	12-22	8-22	4-14.3	17*17/22	102	125	5	13
250	10"	65.6	203	292	30	250.5	357	325	12-26	12-22	4-14.3	22*22/28.4	102	125	8	13
300	12"	76.9	242	337	30	301.5	407	403	12-26	12-22	4-14.3	22*22/31.6	125	150	8	20
350	14"	76.2	267	368	45	333.5	467	436	16-26	16-22	4-14.3	22*22/31.6	125	150	8	20
400	16"	85.7	309	400	50	389.6	515 525	488	16-30	16-26	4-20.6	27*27/33.2	140	175	10	20
450	18"	104.6	328	422	50	440.5	565 585	539	20-30	20-26	4-20.6	27*27/38	140	175	10	20
500	20"	130.23	360	480	60	491.6	620 650	593	20-33	20-26	4-20.6	36*36/41.1	165	210	10	22
600	24"	151.36	459	562	70	592.5	725 770	824	20-36	20-30	4-22.2	36*36/50.6	165	210	16	22
700	28"	163	520	624	80	695	840	895	24-36	24-30	8-18	46*46/62	254	300	18	30
800	32"	188	591	672	80	794.7	950	1015	24-39	24-33	8-18	46*46/62	254	300	18	30
900	36"	203	656	720	118	864.7	1050	1115	28-39	28-33	8-18	55*55/75	254	300	20	34
1000	40"	216	722	800	148	965	1160	1230	28-42	28-36	8-18	55*55/85	254	300	22	35



手柄凸耳式蝶阀
Handle Lug Butterfly Valve



公称通径 Nominal diameter	DN50~DN150
阀体材质 Body material	球墨铸铁 Ductile iron
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-10℃~100℃
适用介质 Applicable medium	水、油酯、气体等 Water, oil ester, gas, etc.
连接方式 Connection end	凸耳 Lug
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

蜗轮凸耳式蝶阀
Worm Gear Lug Butterfly Valve



公称通径 Nominal diameter	DN50~DN1000
阀体材质 Body material	球墨铸铁 Ductile iron
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-10℃~100℃
适用介质 Applicable medium	水、油酯、气体等 Water, oil ester, gas, etc.
连接方式 Connection end	凸耳 Lug
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

气动凸耳式蝶阀
Pneumatic Lug Butterfly Valve

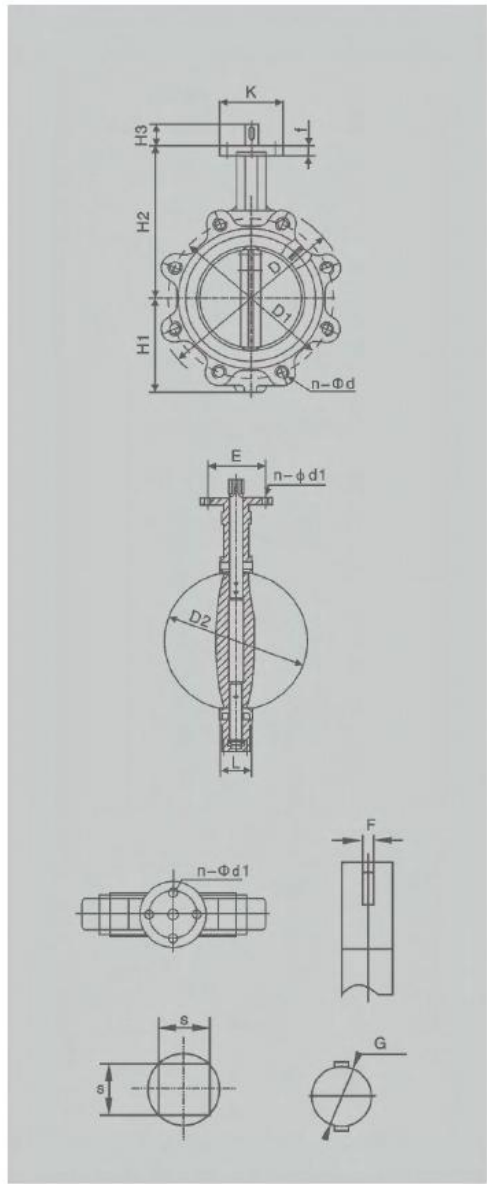


公称通径 Nominal diameter	DN50~DN1000
阀体材质 Body material	球墨铸铁 Ductile iron
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-10℃~100℃
适用介质 Applicable medium	水、油脂、气体等 Water, oil ester, gas, etc.
连接方式 Connection end	凸耳 Lug
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

电动凸耳式蝶阀
Electric Lug Butterfly Valve



公称通径 Nominal diameter	DN50~DN1000
阀体材质 Body material	球墨铸铁 Ductile iron
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-10℃~100℃
适用介质 Applicable medium	水、油脂、气体等 Water, oil ester, gas, etc.
连接方式 Connection end	凸耳 Lug
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927



主要外形尺寸 Main Overall Dimension

PN1.0/1.6MPa

规格Size (mm) (inch)		L	H1	H2	H3	D	D1	D2	n-Φd	n-Φd1	S*S/G	E	K	F	f
50	2"	42	80	161	32	118	125	52.6	4-M16	4-6.7	9*9/12.6	57.15	77	3	13
65	2.5"	44.7	89	175	32	137	145	64.3	4-M16	4-6.7	9*9/12.6	57.15	77	3	13
80	3"	45.2	95	181	32	143	160	78.8	8-M16	4-6.7	9*9/12.6	57.15	77	3	13
100	4"	52.1	114	200	32	206	180	104	8-M16	4-10.3	11*11/15.7	69.85	92	5	13
125	5"	54.4	127	213	32	238	210	123.3	8-M16	4-10.3	14*14/18.9	69.85	92	5	13
150	6"	55.8	139	226	32	266	240	155.7	8-M20	4-10.3	14*14/18.9	69.85	92	5	13
200	8"	60.6	175	260	45	317 329	295	202.4	8-M20 12-M20	4-14.3	17*17/22	88.9	115	5	13
250	10"	65.6	203	292	45	393	350 355	250.5	12-M20 12-M24	4-14.3	22*22/28.4	88.9	115	8	13
300	12"	76.9	242	337	45	462	400 410	301.5	12-M20 12-M24	4-14.3	22*22/31.6	107.95	140	8	20
350	14"	76.2	267	368	45	515	460 470	333.5	16-M20 16-M24	4-14.3	22*22/31.6	107.95	140	8	20
400	16"	85.7	309	400	51.2 72	579	515 525	389.6	16-M24 16-M27	4-20.6	27*27/33.2	158.75	197	10	20
450	18"	104.6	328	422	51.2 72	627	565 585	440.5	20-M24 20-M27	4-20.6	27*27/38	158.75	197	10	20
500	20"	130.23	360	480	52.75 77.5	696	620 650	491.6	20-M24 20-M30	4-20.6	36*36/41.1	158.75	197	10	22
600	24"	151.36	459	562	70.2 82	821	725 770	592.5	20-M27 20-M33	4-22.2	36*36/50.6	215.9	276	16	22
700	28"	163	520	624	66 82	-	-	695	-	8-18	46*46/62	254	300	18	30
800	32"	188	591	672	66 82	-	-	794.7	-	8-18	46*46/62	254	300	18	30
900	36"	203	656	720	118	-	-	864.7	-	8-18	55*55/75	254	300	20	34
1000	40"	216	722	800	141	-	-	965	-	8-18	55*55/85	254	300	22	35

法兰蝶阀系列
Flange Butterfly Valve Series



产品展示
Product Display



手柄式法兰蝶阀
Handle Type Flange Butterfly Valve



蜗轮式法兰蝶阀
Worm Gear Flange Butterfly Valve



公称通径 Nominal diameter	DN50~DN150
阀体材质 Body material	球墨铸铁 Ductile iron
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-10℃~100℃
适用介质 Applicable medium	水、油酯、气体等 Water, oil ester, gas, etc.
连接方式 Connection end	法兰 Flange
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

公称通径 Nominal diameter	DN50~DN1400
阀体材质 Body material	球墨铸铁 Ductile iron
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-10℃~100℃
适用介质 Applicable medium	水、油酯、气体等 Water, oil ester, gas, etc.
连接方式 Connection end	法兰 Flange
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

气动法兰蝶阀
Pneumatic Flange Butterfly Valve



电动法兰蝶阀
Electric Flange Butterfly Valve



手柄法兰式不锈钢蝶阀
Stainless Steel Butterfly Valve With Handle Flange



蜗轮法兰式不锈钢蝶阀
Worm Gear Flange Type Stainless Steel Butterfly Valve



公称通径 Nominal diameter	DN50~DN1400
阀体材质 Body material	球墨铸铁 Ductile iron
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-10℃~100℃
适用介质 Applicable medium	水、油脂、气体等 Water, oil ester, gas, etc.
连接方式 Connection end	法兰 Flange
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

公称通径 Nominal diameter	DN50~DN500
阀体材质 Body material	球墨铸铁 Ductile iron
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-10℃~100℃
适用介质 Applicable medium	水、油脂、气体等 Water, oil ester, gas, etc.
连接方式 Connection end	法兰 Flange
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

公称通径 Nominal diameter	DN50~DN500
阀体材质 Body material	不锈钢 Stainless steel
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-10℃~100℃
适用介质 Applicable medium	水、油脂、气体等 Water, oil ester, gas, etc.
连接方式 Connection end	法兰 Flange
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

公称通径 Nominal diameter	DN50~DN1400
阀体材质 Body material	不锈钢 Stainless steel
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-10℃~100℃
适用介质 Applicable medium	水、油脂、气体等 Water, oil ester, gas, etc.
连接方式 Connection end	法兰 Flange
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

气动法兰不锈钢蝶阀
Pneumatic Flange Stainless Steel Butterfly Valve

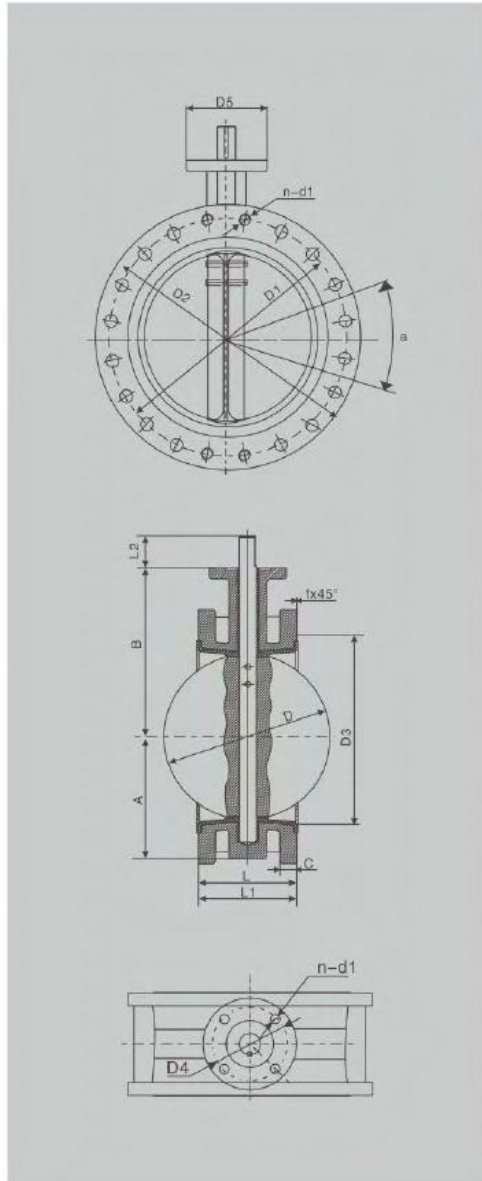


公称通径 Nominal diameter	DN50~DN1400
阀体材质 Body material	不锈钢 Stainless steel
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-10℃~100℃
适用介质 Applicable medium	水、油酯、气体等 Water, oil ester, gas, etc.
连接方式 Connection end	法兰 Flange
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

电动法兰不锈钢蝶阀
Electric Flange Stainless Steel Butterfly Valve



公称通径 Nominal diameter	DN50~DN500
阀体材质 Body material	不锈钢 Stainless steel
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-10℃~100℃
适用介质 Applicable medium	水、油酯、气体等 Water, oil ester, gas, etc.
连接方式 Connection end	法兰 Flange
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927



主要外形尺寸 Main Overall Dimension

PN1.0/1.6MPa

规格 Size DN	A	B	C	D	D ₁	D ₂	D ₃	D ₄	D ₅	L	L ₁	L ₂	n-d	a	f	n-d1
50	83	120	20	52.9	125	165	99	57.15	65	108	111	32	4-19	90°	3	4-7
65	93	130	20	64.5	145	185	118	57.15	65	112	115	32	4-19	90°	3	4-7
80	100	145	22	78.8	160	200	132	57.15	65	114	117	32	8-19	45°	3	4-7
100	114	155	24	104	180	220	156	69.85	90	127	130	32	8-19	45°	3	4-10
125	125	170	26	123.3	210	250	184	69.85	90	140	143	32	8-19	45°	3	4-10
150	143	190	26	155.6	240	285	211	69.85	90	140	143	32	8-23	45°	3	4-10
200	170	205	26	202.5	295	340	266	88.9	125	152	155	45	8-23 12-23	45°/30°	3	4-14
250	198	235	28	250.5	350/355	395/405	319	88.9	125	165	168	45	12-23 12-28	30°	3	4-14
300	223	280	28	301.5	400/410	445/460	370	107.95	150	178	182	45	12-23 12-28	30°	4	4-14
350	279	310	30	333.3	460/470	505/520	429	107.95	150	190	194	45	16-23 16-28	22.5°	4	4-14
400	300	340	32	389.6	515/525	565/580	480	158.75	175	216	221	51.2/72	16-28 16-31	22.5°	4	4-20.6
450	345	375	32	440.5	565/585	615/640	530	158.75	175	222	227	51.2/72	20-28 20-31	18°	4	4-20.6
500	355	430	34	491.6	620/650	670/715	582	158.75	210	229	234	52.75/75	20-28 20-34	18°	4	4-20.6
600	410	500	36	592.5	725/770	780/840	682	215.9	210	267	272	70.2/82	20-31 20-37	18°	5	4-22
700	478	560	40	695	840	895/910	794	254	300	292	299	66/82	24-31 24-37	15°	5	8-18
800	529	620	44	794.7	950	1015/1025	901	254	300	318	325	66/82	24-34 24-40	15°	5	8-18
900	584	665	46	864.7	1050	1115/1125	1001	254	350	330	338	118	28-34 28-40	12.9°	5	8-22
1000	657	735	50	965	1160/1170	1230/1255	1112	254	350	410	417	141	28-37 28-43	12.9°	5	8-22

注：侧法兰连接标准符合：GB/T17241.6；结构长度标准符合：GB/T12221法兰连接的短结构；
蝶阀上法兰可通用于手柄、蜗轮蜗杆传动，电动和气动等传动装置。
表中“/”左面尺寸为PN1.0MPa尺寸，“/”右面尺寸为PN1.6MPa尺寸。
Note: The end connection standard fits: GB/T 17241.6; The structure length standard conforms to the short structure of GB/T 12221 flange connection.
The butterfly valve can be used on the handle, worm gear, electric and pneumatic gear.
The “/” left side of the table is the size of PN1.0 MPa. “/” the right size is PN1.6 MPa size.

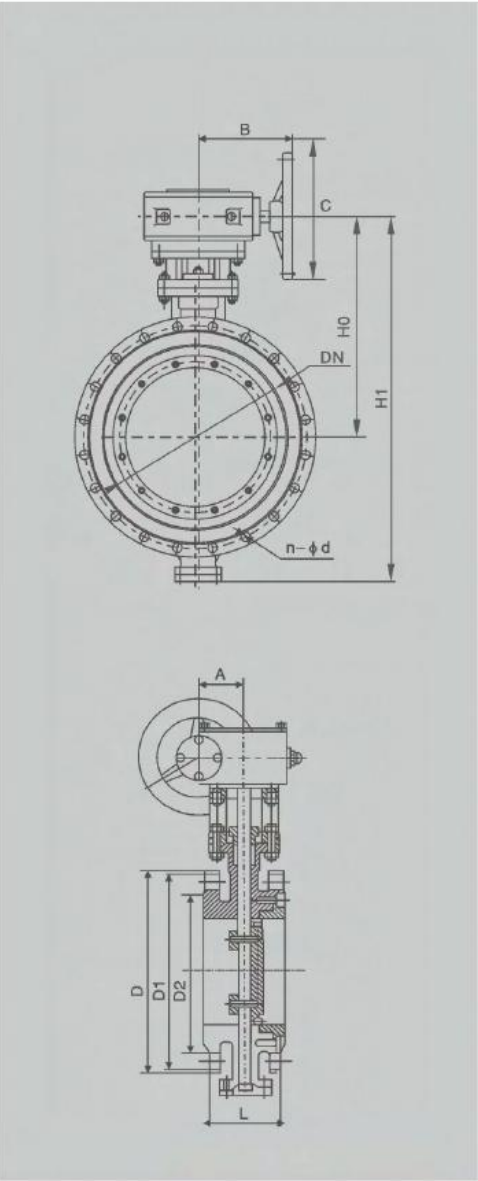
硬密封蝶阀系列
Hard Seal Butterfly Valve Series



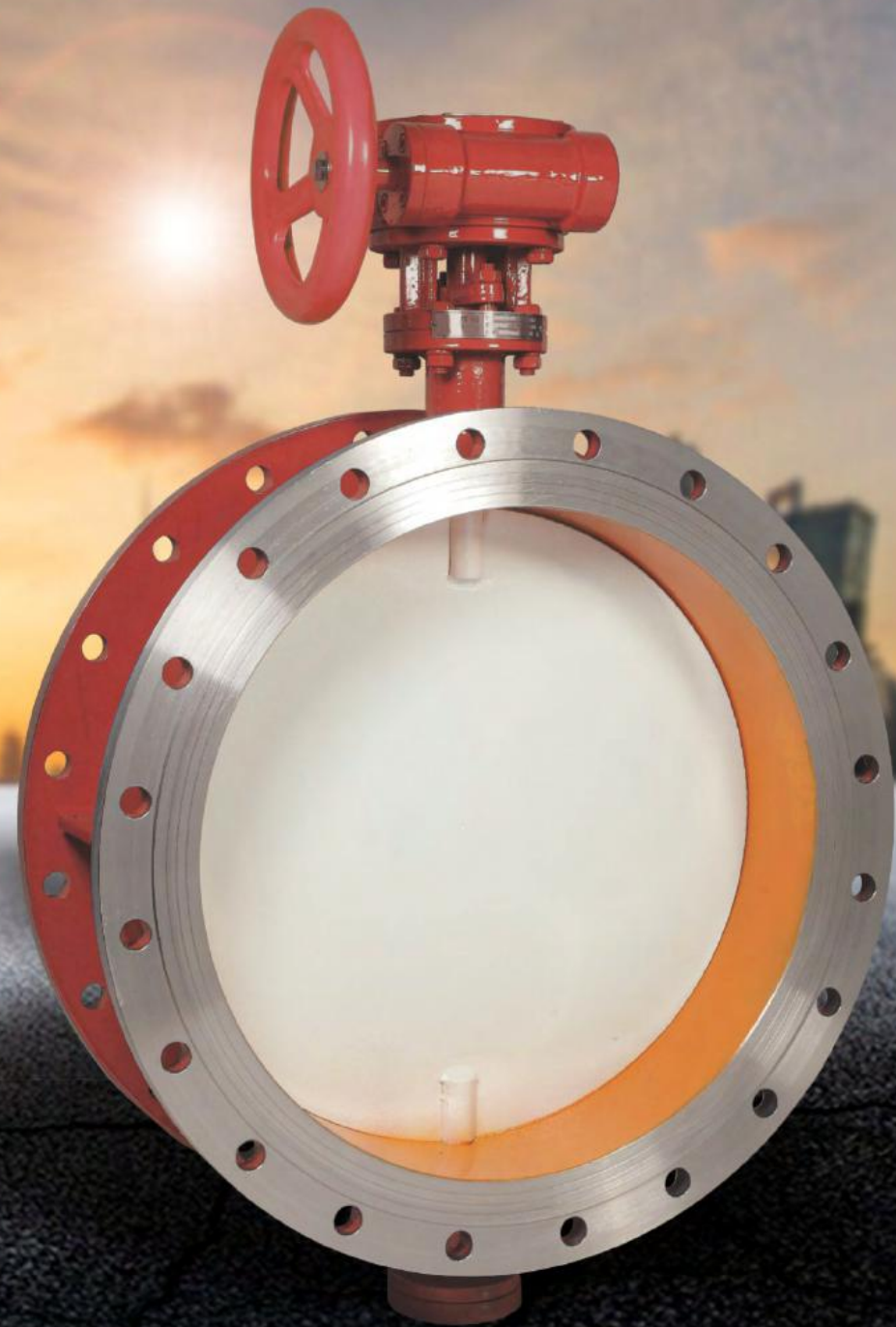
法兰式硬密封蝶阀结构及连接尺寸
Structure and Connection Dimensions Of Flanged Hard Sealed Butterfly Valve



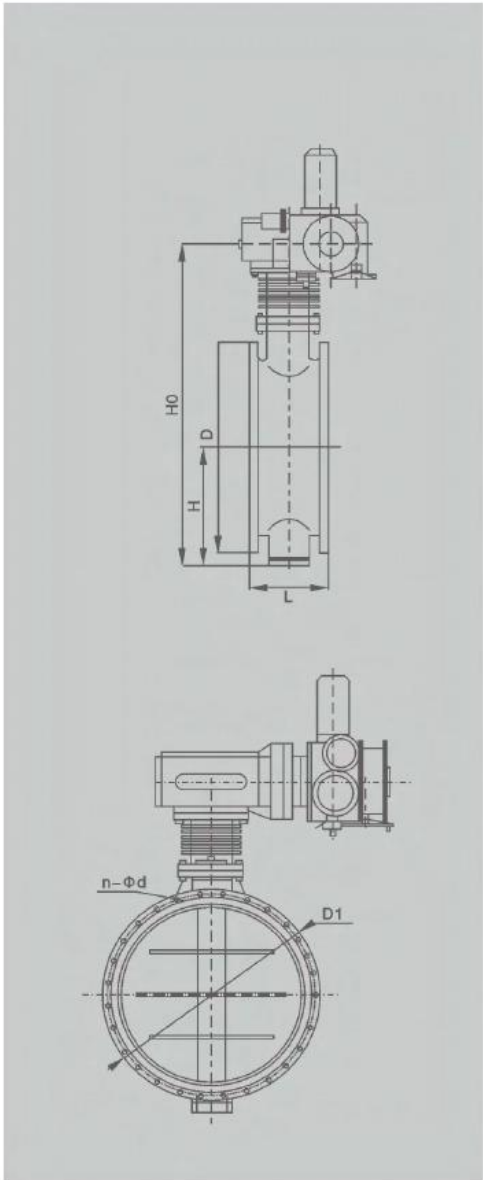
公称通径 Nominal Diameter DN(mm)	主要尺寸 Main dimensions			法兰尺寸和螺栓规格 Flange dimensions and bolt specifications												蜗轮蜗杆传动 Worm drive		
				1.0MPa				1.6MPa				2.5MPa						
	L	H1	H0	D	D1	D2	Z- Φd	D	D1	D2	Z- Φd	D	D1	D2	Z- Φd	A	B	C
50	108	293	218	165	125	99	4-18	165	125	99	4-18	165	125	99	4-18	32	130	160
65	112	313	228	185	145	118	4-18	185	145	118	4-18	185	145	118	8-18	32	130	160
80	114	333	238	200	160	132	4-18	200	160	132	8-18	200	160	132	8-18	32	130	180
100	127	345	255	220	180	156	8-18	220	180	156	8-18	235	190	156	8-22	50	150	180
125	140	370	270	250	210	184	8-18	250	210	184	8-18	270	220	184	8-26	50	150	200
150	140	425	305	285	240	211	8-22	285	240	211	8-22	300	250	211	8-26	62	150	200
200	152	488	362	340	295	266	8-22	340	295	266	12-22	360	310	274	12-26	62	150	350
250	165	575	410	395	350	319	12-22	405	355	319	12-26	425	370	330	12-30	80	160	350
300	178	642	444	445	400	370	12-22	460	410	370	12-26	485	430	389	16-30	80	160	400
350	190	731	492	505	460	429	16-22	520	470	429	16-26	555	490	448	16-33	94	185	400
400	216	786	522	565	515	480	16-26	580	525	480	16-30	620	550	503	16-36	94	185	600
450	222	844	552	615	565	530	20-26	640	585	548	20-30	670	600	548	20-36	94	185	600
500	229	945	606	670	620	582	20-26	715	650	609	20-33	730	660	609	20-36	132	232	600
600	267	1060	666	780	725	682	20-30	840	770	720	20-36	845	770	720	20-36	132	232	800
700	292	1222	726	895	840	794	24-30	910	840	794	24-36	960	875	820	24-42	185	295	800
800	318	1340	862	1015	950	901	24-33	1025	950	901	24-39	1085	990	928	24-48	185	295	400
900	330	1391	915	1115	1050	1001	28-33	1125	1050	1001	28-39	1185	1090	1028	28-48	234	354	400
1000	410	1596	1020	1230	1160	1112	28-36	1255	1170	1112	28-42	1320	1210	1140	28-55	234	354	400
1200	470	1861	1075	1445	1380	1328	32-39	1485	1390	1328	32-38	1530	1420	1350	32-55	296	354	400
1400	530	2066	1235	1675	1590	1530	36-42	1685	1590	1530	36-48	1755	1640	1560	36-60	296	426	600
1600	600	2397	1355	1915	1820	1750	40-48	1930	1820	1750	40-55	1975	1860	1780	40-60	410	426	600
1800	670	2674	1600	2115	2020	1950	44-48	2130	2020	1950	44-55	2195	2070	1985	44-68	410	550	600
2000	760	2901	1725	2325	2230	2150	48-48	2345	2230	2150	48-60	2425	2300	2210	48-68	506	550	600



通风法兰蝶阀系列
Ventilation Flange Butterfly Valve



通风蝶阀结构及连接尺寸
Structure and Connection Dimension Of Ventilation Butterfly Valve



公称通径 Nominal Diameter DN(mm)	主要尺寸 Main dimensions			法兰连接尺寸 Flange connection dimensions								
				0.5MPa			0.25MPa			0.6MPa		
	L	H	H0	D	D1	Z-φd	D	D1	Z-φd	D	D1	Z-φd
65	112	80	362	160	130	4-14	160	130	4-14	160	130	4-14
80	114	95	408	190	150	4-18	190	150	4-18	190	150	4-18
100	127	105	486	210	170	4-18	210	170	4-18	210	170	4-18
125	140	120	516	240	200	8-18	240	200	8-18	240	200	8-18
150	140	132	541	265	225	8-18	265	225	8-18	265	225	8-18
200	152	160	779	320	280	8-18	320	280	8-18	320	280	8-18
250	165	187	836	375	335	12-18	375	335	12-18	375	335	12-22
300	180	220	901	440	395	12-22	440	395	12-22	440	395	12-22
350	180	245	954	490	445	12-22	490	445	12-22	490	445	12-22
400	200	270	1003	540	495	16-22	540	495	16-22	540	495	16-22
450	200	297	1058	595	550	16-22	595	550	16-22	595	550	16-22
500	220	322	1111	645	600	20-22	645	600	20-22	645	600	20-22
600	220	377	1233	755	705	20-26	755	705	20-26	755	705	20-26
700	240	430	1338	860	810	24-26	860	810	24-26	860	810	24-26
800	240	487	1452	975	920	24-30	975	920	24-30	975	920	24-30
900	260	537	1588	1075	1020	24-30	1075	1020	24-30	1075	1020	24-30
1000	260	587	1689	1175	1120	28-30	1175	1120	28-30	1175	1120	28-30
1200	280	702	1938	1375	1320	32-30	1375	1320	32-30	1405	1340	32-33
1400	300	782	2670	1575	1520	36-30	1575	1520	36-30	1630	1560	36-36
1600	320	895	2810	1790	1730	40-30	1790	1730	40-30	1830	1760	40-36
1800	340	995	3020	1990	1930	44-30	1990	1930	44-30	2045	1970	44-39
2000	360	1095	3220	2190	2130	48-30	2190	2130	48-30	2265	2180	48-42
2200	380	1200	3430	2405	2340	52-33	2405	2340	52-33	2475	2390	52-42
2400	400	1310	3650	2605	2540	56-33	2605	2540	56-33	2685	2600	56-42
2600	420	1420	3920	2805	2740	60-33	2805	2740	60-33	2905	2810	60-48
2800	440	1530	4140	3030	2960	64-36	3030	2960	64-36	3115	3020	60-48
3000	460	1640	4360	3230	3160	68-36	3230	3160	68-36	3315	3220	68-48

手柄式沟槽蝶阀
Handle Type Groove Butterfly Valve

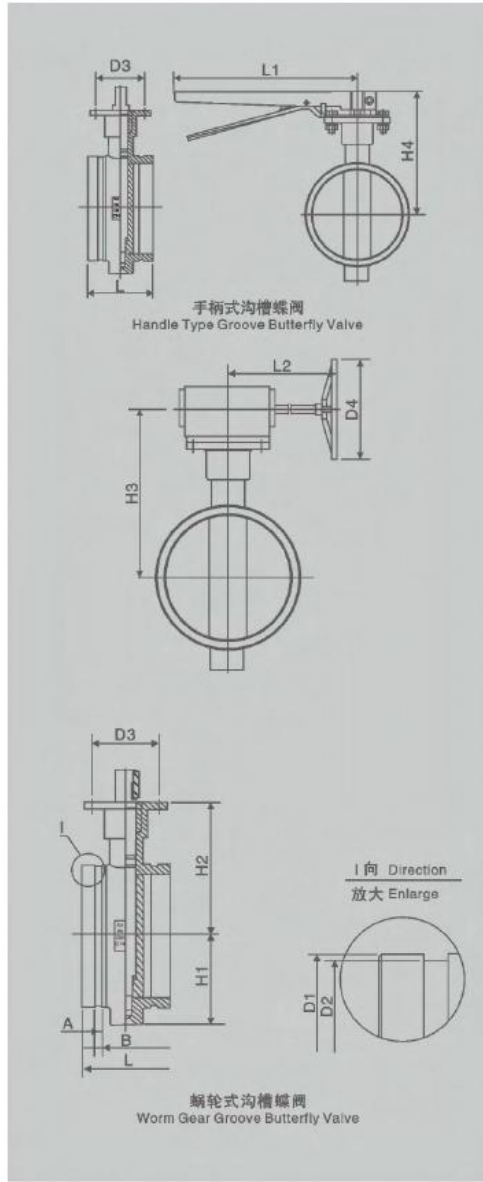


公称通径 Nominal diameter	DN50~DN150
阀体材质 Body material	球墨铸铁 Ductile iron
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-10℃~100℃
适用介质 Applicable medium	水、油脂、气体等 Water, oil ester, gas, etc.
连接方式 Connection end	卡箍式 Clamp type
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

消防信号沟槽蝶阀
Butterfly Valve With Groove For Fire Signal



公称通径 Nominal diameter	DN50~DN600
阀体材质 Body material	球墨铸铁 Ductile iron
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-10℃~100℃
适用介质 Applicable medium	水、油脂、气体等 Water, oil ester, gas, etc.
连接方式 Connection end	卡箍式 Clamp type
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927



主要外形连接尺寸 Main Connection Dimensions

单位Unit: mm

DN	L	H1	H2	H3	H4	A	B	D1	D2	D3	D4	L1	L2	沟槽型号 Groove model
50	85	45	90	130	125	16	8	57	53.9	50(F05)	150	250	150	X
								60.3	57.2					Y
80	98	65	112	152	147			88.9	85	50(F05)	150	250	150	X
100	116	79	121	161	156		9.5	108	103.7	70(F07)	150	250	150	X
								114.3	110.1					Y
125	149	93	148	188	183			133	129.1	70(F07)	150	268	150	X
								139.7	135.5					Y
								141.3	137					Z
150	149	106	156	191	196			159	154.5	102(F10)	220	268	190	X
								165.1	160.8					Y
								168.3	164					Z
200	134	137	205	254.5	—	19	11.1	219.1	214.4	102(F10)	300	—	240	X

衬氟蝶阀系列
Fluorine Lined Butterfly Valve Series



产品展示
Product Display



手柄式对夹衬氟蝶阀
Handle Type Wafer Lined Fluorine Butterfly Valve



公称通径 Nominal diameter	DN50~DN150
阀体材质 Body material	球墨铸铁 Ductile iron
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-20℃~150℃
适用介质 Applicable medium	水及各种腐蚀性酸类 Water, and various corrosive acids
连接方式 Connection end	对夹 Wafer
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

蜗轮对夹式衬氟蝶阀
Worm Gear Wafer Type Fluorine Lined Butterfly Valve



公称通径 Nominal diameter	DN50~DN300
阀体材质 Body material	球墨铸铁 Ductile iron
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-20℃~150℃
适用介质 Applicable medium	水及各种腐蚀性酸类 Water, and various corrosive acids
连接方式 Connection end	对夹 Wafer
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

电动对夹式衬氟蝶阀
Electric Wafer Type Fluorine Lined Butterfly Valve

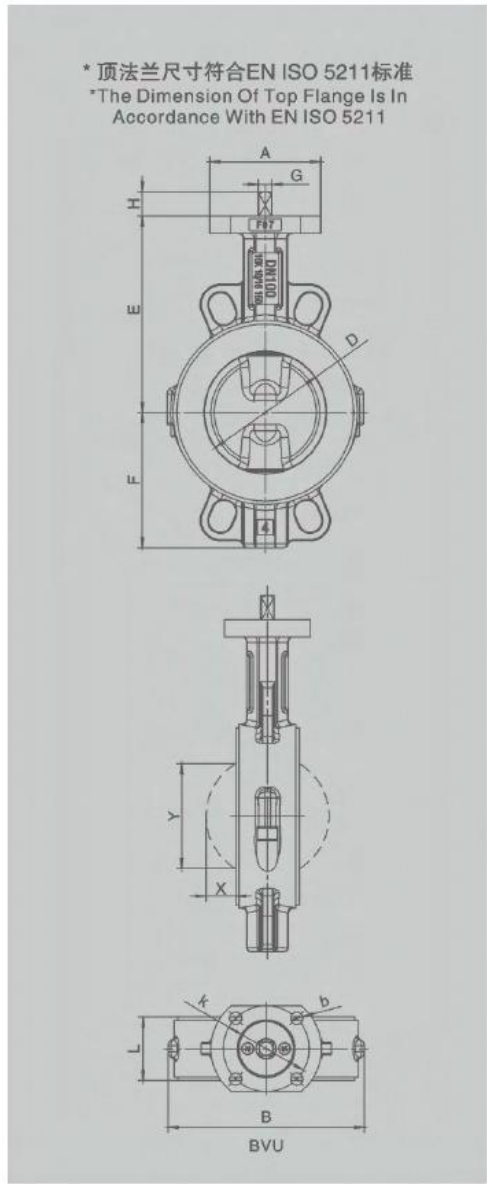


公称通径 Nominal diameter	DN50~DN300
阀体材质 Body material	球墨铸铁 Ductile iron
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-20℃~150℃
适用介质 Applicable medium	水及各种腐蚀性酸类 Water, and various corrosive acids
连接方式 Connection end	对夹 Wafer
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

气动对夹式衬氟蝶阀
Pneumatic Wafer Fluorine Lined Butterfly Valve



公称通径 Nominal diameter	DN50~DN300
阀体材质 Body material	球墨铸铁 Ductile iron
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-20℃~150℃
适用介质 Applicable medium	水及各种腐蚀性酸类 Water, and various corrosive acids
连接方式 Connection end	对夹 Wafer
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927



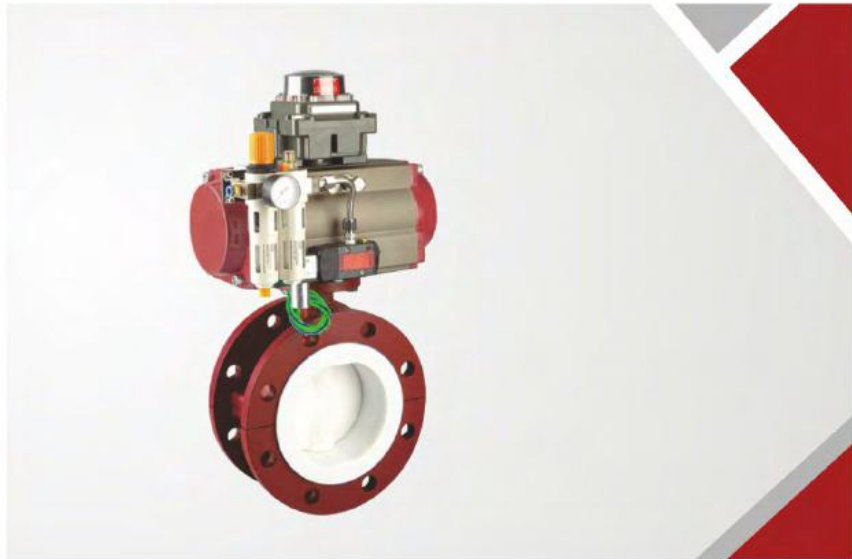
DN (mm)	SIZE (inch)	D	E	F	H	L	A	k	b	G	X	Y	B	BVW (kg)
50	2	50	134	68	20	43	65	50	4x8	9	4	26	100	2.9
65	2 1/2	65	145	78	20	46	65	50	4x8	9	10	46	120	3.4
80	3	80	150	80	20	46	65	50	4x8	9	16	64	140	3.6
100	4	100	160	110	20	52	90	70	4x10	11	24	85	160	5
125	5	125	178	130	20	56	90	70	4x10	14	35	112	190	7.9
150	6	150	197	140	20	56	90	70	4x10	14	47	139	220	9.7
200	8	200	239	175	20	60	125	102	4x12	17	70	191	277	16.5
250	10	250	278	215	30	68	125	102	4x12	22	91	241	330	23.1
300	12	300	315	250	30	78	150	125	4x14	22	111	290	380	38.3

蜗轮法兰式衬氟蝶阀
Fluorine Lined Butterfly Valve With Worm Gear Flange

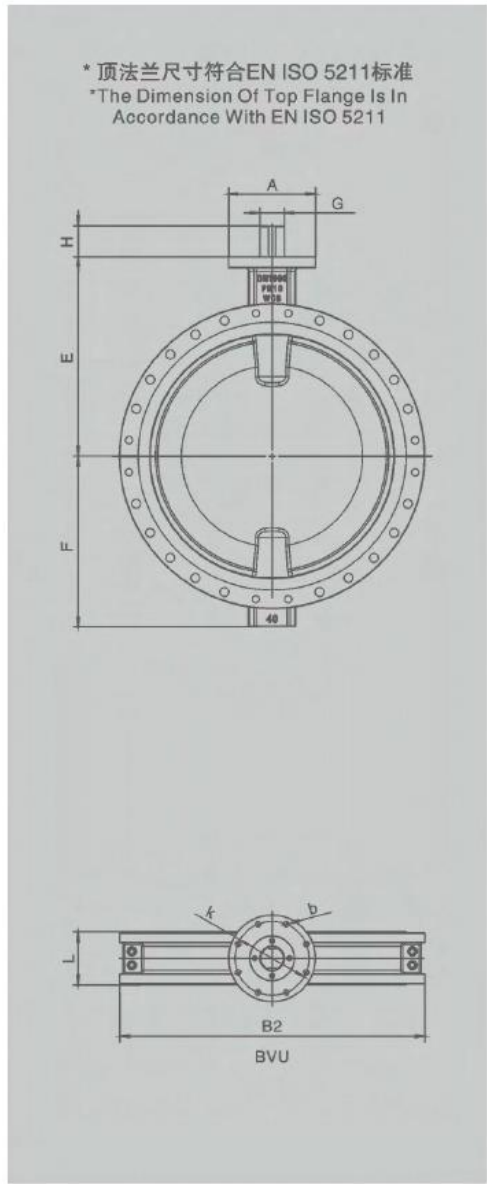


公称通径 Nominal diameter	DN50~DN900
阀体材质 Body material	球墨铸铁 Ductile iron
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-20℃~150℃
适用介质 Applicable medium	水及各种腐蚀性酸类 Water, and various corrosive acids
连接方式 Connection end	法兰 Flange
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

气动法兰式衬氟蝶阀
Pneumatic Flange Type Fluorine Lined Butterfly Valve



公称通径 Nominal diameter	DN50~DN300
阀体材质 Body material	球墨铸铁 Ductile iron
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-20℃~150℃
适用介质 Applicable medium	水及各种腐蚀性酸类 Water, and various corrosive acids
连接方式 Connection end	法兰 Flange
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927



DN (mm)	SIZE (inch)	D	E	F	H	L	A	k	b	G	X	Y	B	BVW (kg)
50	2	50	134	68	20	43	65	50	4x8	9	4	26	100	2.9
65	2 1/2	65	145	78	20	46	65	50	4x8	9	10	46	120	3.4
80	3	80	150	80	20	46	65	50	4x8	9	16	64	140	3.6
100	4	100	160	110	20	52	90	70	4x10	11	24	85	160	5
125	5	125	178	130	20	56	90	70	4x10	14	35	112	190	7.9
150	6	150	197	140	20	56	90	70	4x10	14	47	139	220	9.7
200	8	200	239	175	20	60	125	102	4x12	17	70	191	277	16.5
250	10	250	278	215	30	68	125	102	4x12	22	91	241	330	23.1
300	12	300	315	250	30	78	150	125	4x14	22	111	290	380	38.3

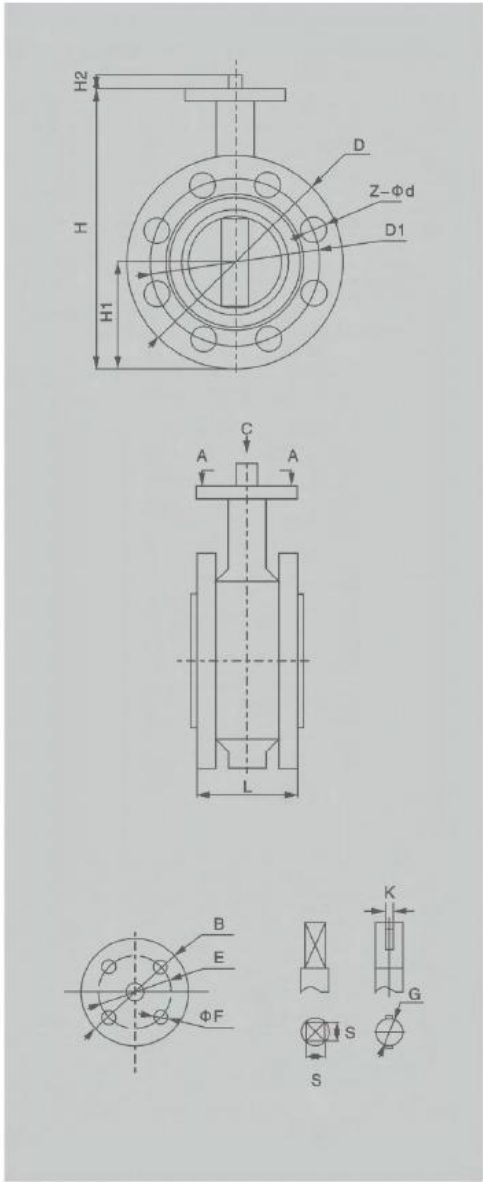
U型蝶阀系列
U-Type Butterfly Valve Series



法兰式U型蝶阀结构及连接尺寸
Structure and Connection Dimension Of Fluorine Lined Butterfly Valve



外形及连接尺寸 Shape and Connection Size 单位Unit: mm



公称通径 DN	L	D1	D	Z-Φd	H	H1	S*S/G	K	B	E	4-ΦF	H2	扭矩 N.M
		0.6/1.0/1.6	0.6/1.0/1.6	0.6/1.0/1.6									
50	42	110/125/125	140/165/165	4-14/4-18/4-18	205	82	9*9/12.6	1-3	75	50	4-7.5	27	22
65	45	130/145/145	160/185/185	4-14/4-18/4-18	230	92	9*9/12.6	1-3	75	50	4-7.5	27	28
80	45	150/160/160	190/200/200	4-18/8-18/8-18	245	100	9*9/12.6	1-3	75	50	4-7.5	27	44
100	52	170/180/180	210/220/220	4-18/8-18/8-18	270	107	11*11/15.7	1-5	90	70	4-10	27	69
125	55	200/210/210	240/250/250	8-18/8-18/8-18	305	123	14*14/18.9	1-5	90	70	4-10	27	114
150	55	225/240/240	265/285/285	8-18/8-22/8-22	374	144	14*14/18.9	1-5	90	70	4-10	27	155
200	60	280/295/295	320/340/340	8-18/8-22/12-22	436	176	17*17/22	1-5	120	102	4-12	45	282
250	66	335/350/355	375/395/405	12-18/12-22/12-26	500	200	22*22/28.4	1-8	120	102	4-12	45	434
300	76	395/400/410	440/445/460	12-22/12-22/12-26	583	233	22*22/31.6	1-8	150	102/125	4-12/14	50	670
350	76	445/460/470	490/505/520	12-22/16-22/16-26	640	270	22*22/31.6	1-8	150	102/125	4-12/14	50	1000
400	86/102	495/515/525	540/565/580	16-22/16-26/16-30	700	290	27*27/33.2	1-10	197	125/140	4-14/18	64	1664
450	105/114	550/565/585	595/615/640	16-22/20-26/20-30	750	320	27*27/38	1-12	197	140/165	4-18/22	64	1890
500	130	600/620/650	645/670/715	20-22/20-26/20-33	854	364	41/36	1-12	197	165	4-22	64	2440
600	151	705/725/770	755/780/840	20-26/20-30/20-36	1030	450	36*36/41.1	2-16	210/276	165	4-22	70	3350
700	163	810/840/840	860/895/910	24-26/24-30/24-36	1160	520	36*36/50.6	2-18	300	254	8-18	82	5600
800	188	920/950/950	975/1015/1025	24-30/24-33/24-39	1265	565	46*46/62	2-20	300	254	8-18	82	7300
900	203	1020/1050/1050	1075/1115/1125	24-30/28-33/28-39	1380	620	55*55/75	2-22	300	254	8-18	118	10000
1000	216	1120/1160/1170	1175/1230/1255	28-30/28-36/28-42	1525	705	55*55/86	2-25	300	254	8-18	148	13000

对夹式蝶形止回阀系列
Wafer Butterfly Check Valve Series



产品展示
Product Display



对夹式蝶型止回阀
Wafer Butterfly Check Valve



公称通径 Nominal diameter	DN50~DN600
阀体材质 Body material	球墨铸铁 Ductile iron
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-15℃~80℃
适用介质 Applicable medium	水、油类、酸类 Water, oil and acid
连接方式 Connection end	对夹 Wafer
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

对夹式蝶型止回阀
Wafer Butterfly Check Valve



公称通径 Nominal diameter	DN50~DN600
阀体材质 Body material	球墨铸铁 Ductile iron
公称压力 Nominal pressure	PN10~PN16
工作温度 Working temperature	-15℃~80℃
适用介质 Applicable medium	水、油类、酸类 Water, oil and acid
连接方式 Connection end	对夹 Wafer
设计标准 Design standard	GB/T 12238-2008
连接标准 Connection standard	ISO7005-2、GB/T 17241.6
结构长度 Face To Face	ASME B16.10、EN558-1、GB/T12221
测试标准 Test standard	ISO5208、GB/T 13927

产品概述 Product Overview

博雷控制生产的对夹式蝶型止回阀由阀体、阀瓣、阀杆及弹簧等零件组成,采用国外先进结构设计,符合有关国家标准,属节能型产品。对夹式蝶型止回阀由于阀瓣的关闭行程短,并且有弹簧加载,可显著减少水锤现象。因其结构长度比一般止回阀短,对有安装空间限制的场所最为适用。此产品止回性能好,安全可靠,流阻系数小,主要适用于石油、化工、食品、医药、轻纺、造纸、给排水、冶炼及能源等系统,作为单向阀使用。

产品特点 Product Features

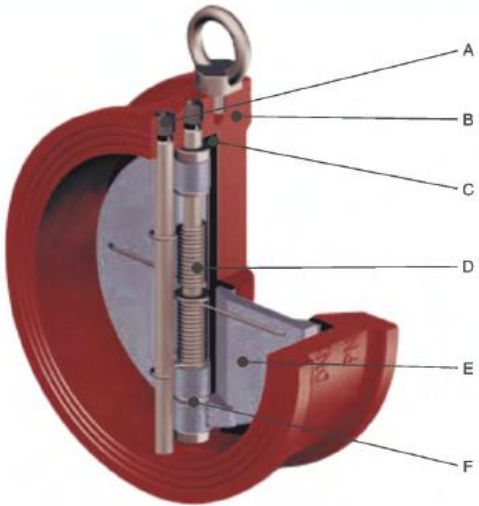
- 1、体积小,重量轻,结构紧凑,维修方便。
- 2、阀板采用对偶式,在弹簧的弹性力矩下可自行速闭。
- 3、因速闭作用,可防止介质倒流,消除水锤作用强。
- 4、阀体结构长度尺寸小,刚性好,安全可靠。
- 5、达到完全密封,水压试验泄露为零。
- 6、安装方便,可用于水平垂直两个方向安装。
- 7、法兰连接尺寸符合GB/T17241.6-98之规定。
- 8、结构长度符合GB/T12221-89、ISO5752-82之规定。

主要性能参数 Main Performance Parameters

系列 Series		EH	AH		BH		MH	
公称通径DN(mm)		40~700(1.5"~28")	50~750(2"~30")	50~300(2"~12")	50~500(2"~20")	50~300(2"~12")	50~600(2"~24")	50~400(2"~16")
公称压力PN(MPa)		1.0MPa	150PSI	200PSI	150PSI	200PSI	1.0MPa 1.6MPa	2.5MPa
试验压力 Test pressure	壳体 Shell	1.5MPa	225PSI	300PSI	225PSI	300PSI	1.5MPa 2.4MPa	3.75MPa
	密封 Seal	1.1MPa	165PSI	220PSI	165PSI	220PSI	1.1MPa 1.76MPa	2.75MPa
适用温度 Applicable temperature		-15≤150℃						
适用介质 Applicable medium		淡水、污水、海水、空气、蒸汽、食品、药品、各种油类、酸类等。 Fresh water, sewage, sea water, air, steam, food, medicines, all kinds of oils, acids, etc.						

The clip on butterfly check valve produced by Bolley Control is composed of valve body, disc, valve stem and spring. It adopts foreign advanced structural design and conforms to relevant national standards. It is an energy-saving product. Due to the short closing stroke of disc and spring loading, the phenomenon of water hammer can be significantly reduced. Because its structure length is shorter than general check valve, it is most suitable for the place with limited installation space. This product has good check performance, safety and reliability, and small flow resistance coefficient. It is mainly used in petroleum, chemical, food, medicine, light textile, papermaking, water supply and drainage, smelting and energy system as one-way valve.

1. Small volume, light weight, compact structure, easy maintenance.
2. The valve plate adopts dual type, in the spring under the elastic moment of quick closing on its down.
3. Because of the quick closing effect, can prevent the backflow medium, eliminate water hammer effect is strong.
4. The body structure of small length, good rigidity, safe and reliable.
5. Completely sealed, water pressure test leak is zero.
6. Easy installation, can be used for horizontal two vertical direction installation.
7. Flange connection size comply with the provisions of GB/T17241.6-98.
8. Structure length comply with GB /T12221-89, ISO5752-89.



- A 轴端紧固螺钉:有效防止轴窜动,避免阀门工作失效及轴端泄露。
- B 阀体:结构长度尺寸小,钢性好。
- C 橡胶阀座:硫化在阀体上,牢固可靠,达到完全密封。
- D 弹簧:使用双弹簧,将负载力均匀分散到每块阀板,使得介质回流时能迅速关闭阀门。
- E 阀板:采用对偶板和两个扭力弹簧的组合设计,可使阀板自行速闭,消除水锤。
- F 垫圈:可调节装配间隙,确保阀板密封性能。

- A Tighten screw shaft end: Effectively prevent the axis motion, avoid valve failure and shaft end leakage.
- B Body: Structure of small length, good rigidity.
- C Rubber sea: Sulfide in the body, solid and reliable, to completely seal.
- D Spring: Use double spring, will load evenly dispersed to each valve plate, when the medium return can quickly close the valve.
- E Plate: Using dual plate and the combination of the two torsion spring design, can make to quick closing valve plate, to eliminate water hammer.
- F Gasket: Adjustable assembly clearance, to ensure that the valve plate seal performance.

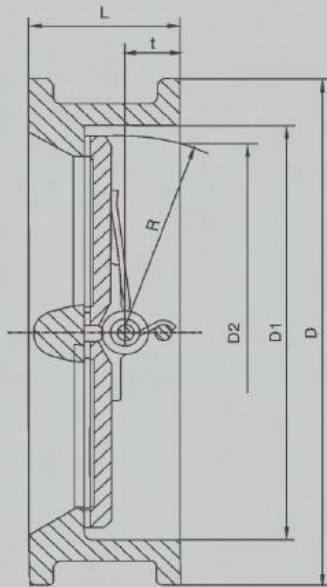
主要零件材料 Main Parts Material

序号 No.	零件名称 Part name	材料 Material		
		AH EH	BH	MH
1	阀体 Body	灰铸铁 CI 球墨铸铁 DI WCB CF8 CF8M 铝青铜 ALB	灰铸铁 CI 球墨铸铁 DI WCB CF8 CF8M 铝青铜 ALB	WCB CF8 CF8M 铝青铜 ALB
2	阀座 Seat	丁腈橡胶 NBR 乙丙橡胶 EPDM 氟橡胶 VITON etc.	球墨铸铁 衬橡胶 DI Covered Rubber	丁腈橡胶 NBR 乙丙橡胶 EPDM 氟橡胶 VITON etc.
3	阀板 Plate	球墨铸铁 DI 铝青铜 ALB CF8 CF8M	球墨铸铁 DI 铝青铜 ALB CF8 CF8M	WCB CF8 CF8M 铝青铜 ALB
4	转轴 Turn shaft	不锈钢SS 304/316	304 316	WCB CF8 CF8M 铝青铜 ALB
5	弹簧 Spring		304	-

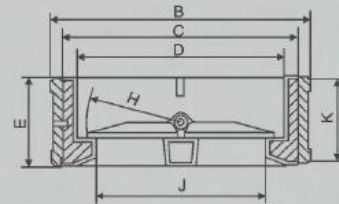
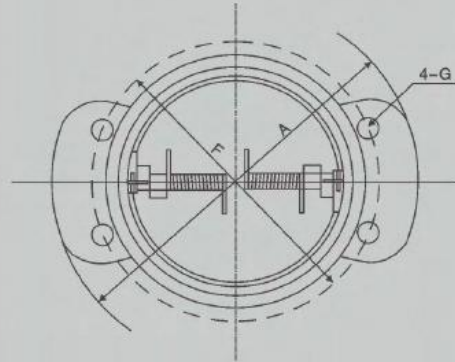
主要外形尺寸 Main Overall Dimension

DN(mm)	NPS(in)	D	D1	D2	L	R	t	WT (Kg)
40	1.5"	92	65	43.3	43	28.8	19	1.5
50	2"	107	65	43.3	43	28.8	19	1.5
65	2 1/2"	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	9.0
200	8"	273	224	198.2	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	450	419.9	152	217.8	58	101
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

注：如需要PN1.6PMPa产品请与技术部联系。Notice: If need PN1.6 PMPa products please contact the technology department.

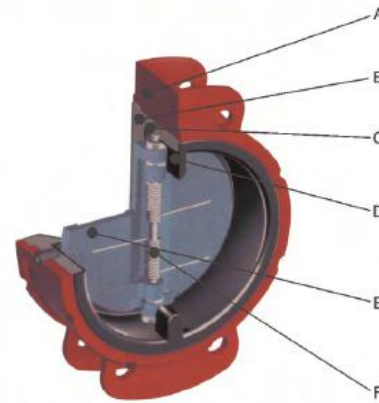


EH 系列 Series



BH 系列 Series

BH系列对夹式蝶形剖面图 BH Series Wafer Butterfly Valve Section



- A 阀体：符合ASME B16.1标准法兰管道的连接尺寸。
B 阀座：承担全部压力，橡胶内衬防止介质与阀体接触。
C 轴端紧固螺钉：有效防止轴窜动，避免阀门工作失效及轴端泄露。
D 止动垫：由阀衬(2"~12")或316不锈钢(14"~20")材料制成。
E 阀板：采用对偶板和两个扭力弹簧的组合设计，可使阀板自行速闭，消除水锤。
F 弹簧：使用双弹簧，将负载力均匀分散到每块阀板，使得介质回流时能迅速关闭阀门。
A Body: Conform to ASME B16.1 standard flange pipe connection size.
B Seat: Bear all the pressure, the rubber lining to prevent medium in contact with the valve body.
C Tighten screw shaft end: Effectively prevent the axis motion, avoid valve failure and shaft end leakage.
D Stop mat: By the valve lining (2" ~ 12") or 316 stainless steel material (14" ~ 20").
E Plate: Using dual plate and the combination of the two torsion spring design, can make to quick closing valve plate, to eliminate water hammer.
F Spring: Use double spring, will load evenly dispersed to each valve plate, when the medium return can quickly close the valve.

最小开启压力 Minimum Opening Pressure

- 1、AH、BH、EH系列水平安装最小开启压力约为0.03 bar。
2、AH、BH、EH垂直安装最小开启压力约为0.1 bar。
3、MH系列最小开启压力约为0.05 bar。
1. AH, BH, EH Series horizontal minimum opening pressure of 0.03 bar.
2. AH, BH, EH Vertical installation minimum opening pressure of 0.1 bar.
3. MH Series minimum opening pressure of 0.05 bar.

主要外形尺寸 Main Overall Dimension

DN(mm)	NPS(in)	A	B	C	D	E	F	G	H	J	K	WT (Kg)
50	2"	159	101.60	84.14	66.68	52.39	120.65	19.05	28.45	47.63	53.98	2.30
65	2.5"	178	120.65	98.43	79.38	52.39	139.70	19.05	36.51	58.74	53.98	2.80
80	3"	191	133.35	115.89	92.08	52.39	152.40	19.05	41.28	69.85	53.98	3.70
100	4"	235	171.45	142.88	117.48	61.91	190.50	19.05	53.98	87.31	63.50	6.80
125	5"	270	193.68	171.45	144.46	65.02	215.90	22.35	67.47	112.71	66.68	9.10
150	6"	305	222.25	200.03	171.45	77.79	241.30	22.35	80.17	141.29	79.38	11.80
200	8"	368	269.88	254.00	222.25	96.84	298.45	22.35	105.57	192.09	98.43	19.50
250	10"	429	336.55	307.98	276.23	100.01	361.95	25.40	130.18	230.19	101.60	26.40
300	12"	495	464.40	365.13	327.03	128.59	431.80	25.40	158.75	274.64	130.18	45.40
350	14"	572	447.68	396.88	358.78	177.80	476.25	28.45	171.45	306.39	180.98	61.30
400	16"	632	511.18	450.85	409.58	158.75	539.75	28.45	196.85	355.60	161.93	77.20
450	18"	641	546.10	508.00	460.37	180.97	577.85	31.75	222.25	406.14	184.15	100.00
500	20"	699	596.90	555.62	511.17	212.72	635.00	31.75	247.65	469.90	215.90	130.00

法兰连接标准 Flange Connection Standard

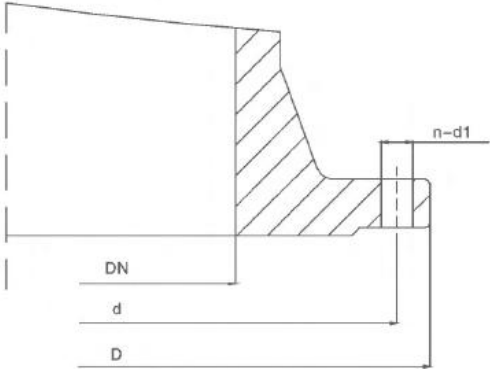
蝶阀法兰等级PN6,PN10,PN16,PN25
法兰连接尺寸标准ISO 7005
钢制法兰标准: ISO7005-1
球铁法兰标准: ISO7005-2
铜合金法兰标准: ISO7005-3

标准:
PN6/10/16/25:ISO7005/1/2/3-金属法兰
PN6/10/16: DIN2501法兰配对标准
PN6/10/16: BS4504法兰和螺栓配对标准
ANSI CLASS150: ANSI B16.5管法兰和法兰管件
MSS CLASS150:MSS SP-44钢制管道法兰
JIS SK/10K/16K:JIS B2220钢制管道法兰

Butterfly valve flange rate PN6, PN10, PN16, PN25
Flange connection size standard ISO 7005
Steel falnge standard: ISO7005-1
Ductile iron flange standard: ISO7005-2
Copper alloy flange standard: ISO7005-3

Standard:
PN6 / 10/16/25: ISO7005 / 1/2 / 3-metal flange
PN6 / 10/16: DIN2501 flange matching standard
PN6 / 10/16: BS4504 flange and bolt matching standard
ANSI CLASS150: ANSI B16.5 pipe flanges and flange fittings
MSS CLASS150: MSS SP-44 steel pipe flange
JIS SK / 10K / 16K: JIS B2220 steel pipe flange

阀门适用法兰连接尺寸
Valve Applicable Flange Connection Size



法兰连接尺寸 Flange Connection Size

单位Unit: mm

NOM	DIAM	PN 6					PN 10					PN 16					PN 25				
DN	inch	D	d	d1	Bolt	n	D	d	d1	Bolt	n	D	d	d1	Bolt	n	D	d	d1	Bolt	n
50	2	140	110	14	M12	4	165	125	18	M16	4	165	125	18	M16	4	165	125	18	M16	4
65	2 1/2	160	130	14	M12	4	185	145	18	M16	4	185	145	18	M16	4	185	145	18	M16	8
80	3	190	150	18	M16	4	200	160	18	M16	8	200	160	18	M16	8	200	160	18	M16	8
100	4	210	170	18	M16	4	220	180	18	M16	8	220	180	18	M16	8	235	190	22	M20	8
125	5	240	200	18	M16	8	250	210	18	M16	8	250	210	18	M16	8	270	220	26	M24	8
150	6	265	225	18	M16	8	285	240	22	M16	8	285	240	22	M20	8	300	250	26	M24	8
200	8	320	280	18	M16	8	340	295	22	M20	8	340	295	22	M20	12	360	310	26	M24	12
250	10	375	335	18	M16	12	395	350	22	M20	12	405	355	26	M24	12	425	370	30	M27	12
300	12	440	395	22	M20	12	445	400	22	M20	12	460	410	26	M24	12	485	430	30	M27	16
350	14	490	445	22	M20	12	505	460	22	M20	16	520	470	26	M24	16	555	490	33	M30	16
400	16	540	495	22	M20	16	565	515	26	M24	16	580	525	30	M27	16	620	550	36	M33	16
450	18	595	550	22	M20	16	615	565	26	M24	20	640	585	30	M27	20	670	600	36	M33	20
500	20	645	600	22	M20	20	670	620	26	M24	20	715	650	33	M30	20	730	660	36	M33	20
600	24	755	705	26	M24	20	780	725	30	M27	20	840	770	36	M33	20	845	770	39	M36	20
700	28	860	810	26	M24	24	895	840	30	M27	24	910	840	36	M33	24	960	875	42	M39	24
750	30	920	865	30	M27	24	965	900	33	M30	24	970	900	36	M33	24	1020	935	42	M39	24
800	32	975	920	30	M27	24	1015	950	33	M30	24	1025	950	39	M36	24	1085	990	48	M45	24
900	36	1075	1020	30	M27	24	1115	1050	33	M30	28	1125	1050	39	M36	28	1185	1090	48	M45	28
1000	40	1175	1120	30	M27	28	1230	1160	36	M33	28	1255	1170	42	M39	28	1320	1210	56	M52	28
1100	44	1305	1240	33	M30	28	1340	1270	36	M33	32	1355	1270	42	M39	32	1420	1310	56	M52	32
1200	48	1405	1340	33	M30	32	1455	1380	39	M36	32	1485	1390	48	M45	32	1530	1420	56	M52	32

阀门适用法兰连接尺寸
Valve Applicable Flange Connection Size

法兰连接尺寸 Flange Connection Size

单位Unit: mm

NOM	DIAM	ANSI 150					JIS 5K				
DN	inch	D	d	d1	Bolt	n	D	d	d1	Bolt	n
50	2	152.4	120.6	19	5/8	4	130	105	15	M12	4
65	2 1/2	177.8	139.7	19	5/8	4	155	130	15	M12	4
80	3	190.5	152.4	19	5/8	4	180	145	19	M16	4
100	4	228.6	190.5	19	5/8	8	200	165	19	M16	8
125	5	254	215.9	22	3/4	8	235	200	19	M16	8
150	6	279.4	241.3	22	3/4	8	265	230	19	M16	8
200	8	342.9	298.4	22	3/4	8	320	280	23	M20	8
250	10	406.4	361.9	25	7/8	12	385	350	23	M20	12
300	12	482.6	431.8	25	7/8	12	430	390	23	M20	12
350	14	533.4	476.2	28	1	12	480	435	25	M22	12
400	16	596.9	539.7	28	1	16	540	495	25	M22	16
450	18	635	577.8	32	1.1/8	16	605	555	25	M22	16
500	20	698.5	635	32	1.1/8	20	655	605	25	M22	20
550	22	749	692.2	35	1.1/4	20	720	665	27	M24	20
600	24	812.8	749.3	35	1.1/4	20	770	715	27	M24	20
700	28	927.1	863.6	35	1.1/4	28	875	820	27	M24	24
750	30	984.2	914.4	35	1.1/4	28	945	880	33	M30	24
800	32	1060.4	977.9	41	1.1/2	28	995	930	33	M30	24
900	36	1168.41	1085.8	41	1.1/2	32	1095	1030	33	M30	24
1000	40	1289.01	1200.2	41	1.1/2	36	1195	1130	33	M30	28
1100	44	1403.31	1314.4	41	1.1/2	40	1305	1240	33	M30	28
1200	48	1511.31	1422.4	41	1.1/2	44	1420	1350	33	M30	32

法兰连接尺寸 Flange Connection Size

单位Unit: mm

NOM	DIAM	JIS 10K					JIS 16K				
DN	inch	D	d	d1	Bolt	n	D	d	d1	Bolt	n
50	2	155	120	19	M16	4	155	120	19	M16	8
65	2 1/2	175	140	19	M16	4	175	140	19	M16	8
80	3	185	150	19	M16	8	200	160	23	M20	8
100	4	210	175	19	M16	8	225	185	23	M20	8
125	5	250	210	23	M20	8	270	225	25	M22	8
150	6	280	240	23	M20	8	305	260	25	M22	12
200	8	330	290	23	M20	12	350	305	25	M22	12
250	10	400	355	25	M22	12	430	380	27	M24	12
300	12	445	400	25	M22	16	480	430	27	M24	16
350	14	490	445	25	M22	16	540	480	33	M30×3	16
400	16	560	510	27	M24	16	605	540	33	M30×3	16
450	18	620	565	27	M24	20	675	605	33	M30×3	20
500	20	675	620	27	M24	20	730	660	33	M33×3	20
550	22	745	680	33	M30	20	795	720	39	M36×3	20
600	24	795	730	33	M30	20	845	770	39	M36×3	24
700	28	905	840	33	M30	24	960	875	42	M39×3	24
750	30	970	900	33	M30	24	1020	935	42	M39×3	24
800	32	1020	950	33	M30	28	1085	990	48	M45×3	24
900	36	1120	1050	33	M30	28	1185	1090	48	M45×3	28
1000	40	1235	1160	39	M36	28	1320	1210	56	M52×3	28
1100	44	1345	1270	39	M36	28	1420	1310	56	M52×3	32
1200	48	1465	1380	39	M36	32	1430	1420	56	M52×3	32

