



◇国家高新技术企业◇国家阀门标准编制单位

浙江五洲阀门有限公司
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Butterfly valve series 蝶阀系列

High-New Technology Enterprise of China,
National valve standard authorized unit



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2006



浙江五洲阀门有限公司 总部办公大楼
ZHEJIANG WUZHOU VALVE CO., LTD. Headquarters

公司创建于1978年，是科技型阀门专业制造工厂。目前占地面积36000m²，其中建筑面积25200m²，公司员工256人，高中级技术人员46人，具有CAD、CAM开发设计制造和ERP企业资源计划管理系统。公司固定资产9800万元，拥有加工中心、数控机床及金切加工设备116台，理化、无损检测、光谱分析阀门综合性测试设备45台（套），起重、运输设备22台。公司是国家高新技术企业，重点国家级火炬计划项目，浙江省著名商标、浙江省名牌产品，省特种阀门研发中心，中国阀协副理事长单位，阀门国家标准编制单位，省重大高新技术产业项目单位，科技先进企业。公司已取得DNV（挪威船级社）ISO9001（2000版本）国际质量体系认证证书和美国石油学会API-6D、API 607、API 6FA证书，并取得TÜV德国莱茵公司CE认证和国家质量技术监督局压力管理元件制造单位AZ安全注册。公司是中国石化集团物资装备公司、中国石油天然气集团公司、中国铝业集团公司和化工部化工装备总公司、中国海洋石油公司定点供应成员单位。硬密封高温系列球阀、高

压矿砂料浆阀等获得多项国家专利，并被国家科技部列为国家重点火炬计划项目和国家级新产品以及国际尤里卡金奖，三偏心蝶阀获专利新产品奖。闸阀、截止阀等均经国家技术监督局全国统检评为一等品。

公司为石油、化工、冶金、轻工、煤化工、电站、城建供水及输油、输气、天然气、长输管线等工程，提供高温、高压、高耐磨以及大口径的球阀、平板闸阀、蝶阀、闸阀、截止阀、止回阀、矿砂料浆阀、电站阀以及引进装置配套的非标和特殊阀门十大类、1200余个品种规格。生产通径为DN15~3000mm（1/2"~120"），公称压力1.6MPa~42.0MPa（Class150~2500），工作温度为-196℃~750℃，阀门的材质有碳钢、不锈钢、耐热合金钢、蒙耐尔合金、低温钢以及其他特殊钢种，驱动方式有手动、电动、气动、齿轮传动、蜗轮蜗杆传动、气液联动、电液联动、计算机程控等。产品畅销全国各地，并出口美国、欧洲、非洲、中东、新加坡等地。公司坚持贯彻质量第一、用户至上、诚信为本的经营方针，以可用性、可信性、可靠性的三性为目标，创建“五洲”一流名牌，以优秀的质量、优惠的价格、优良的售后服务为国家经济建设服务。

The company was established in 1978, which is a technological professional valve manufacturer. Presently it covers 36,000sqm including building space of 25,200sqm, and owns 256 employees involving 46 senior & intermediate technicians. Also it developed CAD & CAM designing and ERP Planed Administration System of Enterprise's Resource. In addition, the company is in possession of fixed assets of RMB 78,000,000 Yuan (about USD 9,500,000) with 116 sets of equipments such as processing center, numerical machine tools and metal-machining facility, 45 sets of valve comprehensive performance test equipments consisting of physico-chemical inspection and NDE facility and 22 sets of crane and transportation equipment. It is a council unit of China Valve Association, Zhejiang Provincial High & new-tech Enterprise, Key High & new-tech Industrialized Unit of Zhejiang Province and Technology Advanced Enterprise. The company has acquired ISO 9001 certificate (the current version is ISO 2000) from DNV (Det Norske Veritas), API-6D certificate issued by American Petroleum Institute and CE certificate issued by TÜV. Moreover, it is the pointing supply member unit of China Petrochemical group Material Equipment Co., China Petroleum & Natural Gas Group Co., and Shanghai Baoshan Iron & steel plant. The hard-sealed high temp. serial ball valves won the international invention Urika Gold Prize, national patent and was authorized as Grade I advanced products and National key project products by National Science & technology Ministry, the variable eccentric butterfly valve won the Gold prize of patent new products and the gate & globe valves have been approved as Grade-I

products by National Technology Surveillance Bureau.

The company provides high & medium pressure ball valves, butterfly valves, parallel gate valves, gate valves, globe valves, check valves and power station valves for petroleum, chemical engineering, metallurgy, light industry, power station, city building, water supply system, oil transportation, gas feeding, natural gas and long distance transportation pipes projects. In addition, the company supplies over 1000 sorts (8 main catena) of non-standard and special valves some of whose parts are imported from other countries. The products diameter range is DN15~3000mm (1/2"~120"), the nominal pressure range is 1.6 Mpa~42.0 Mpa (Class 150~2500), and the operating temp. range is -196℃~750℃. The valve material contains carbon steel, brass, stainless steel, heat-resist alloy steel, Monel, low-temp steel and other special steels. The driving device includes lever operator, electric driving, pneumatic driving, gear transmission, worm wheel and worm handle transmission, air-liquid driving, electric-liquid driving and computer program controlled device etc.. Our products are very popular in the whole nation and exported to America, Europe, Africa, Mid-east area and Singapore etc. The company holds 'Quality first, Customer utmost and honesty base' as its management policy while it sets 'Usability, creditability and reliability' as its target. Wuzhou Co. will welcome customers from domestic & abroad with first-rate brand, favorable prices and excellent after-sale service.

WUZHOU VALVE

◇国家高新技术企业◇国家阀门标准编制单位
High-New Technology Enterprise of China,National valve standard authorized unit

WUZHOU VALVE



公司属国家高新技术企业，重点国家级火炬计划项目，浙江省名牌产品，省特种阀门研发中心，中国阀协理事单位，国家阀门标准编制单位，省重大高新技术产业项目单位，科技先进企业。公司已取得DNV（挪威船级社）ISO9001（2000版本）国际质量体系认证证书和美国石油学会API-6D证书，并取得TU V德国莱茵公司CE认证和国家质量技术监督局压力管理元件制造单位AZ安全注册。

The company is belonged to state high-new technique enterprise, stress national torch plan item, Zhejiang famous brand products, Vice Director Unit of China Valve Association and developing center; Province significant high-new technique industrialization item unit; advanced science and technology enterprise. The company has gained ISO9001:2000 international quality system authentication of DNV authenticate and API-6D of American Petrol Institute, CE authentication and pressure pipe component manufacturing AZ safety registration by state quality technique supervision bureau.

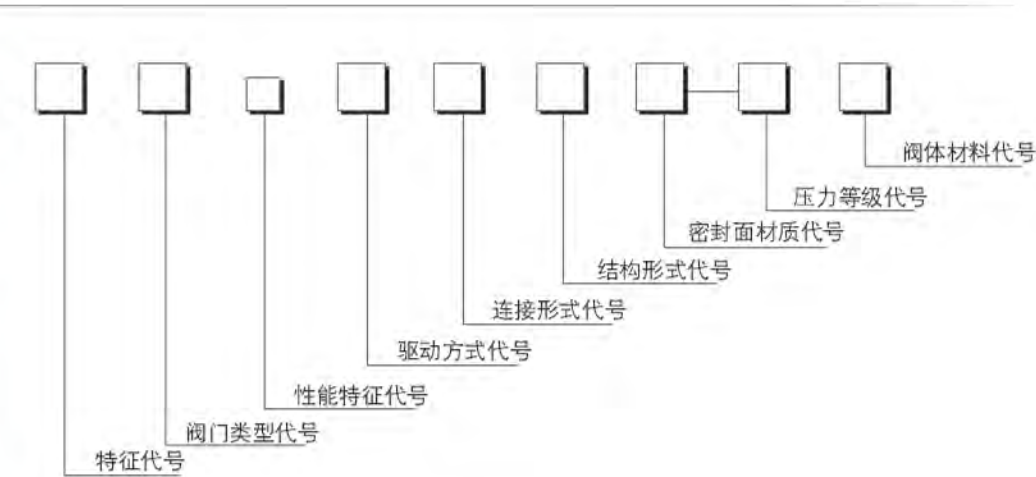
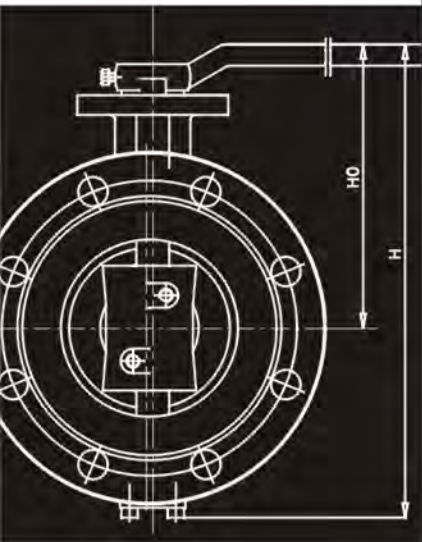
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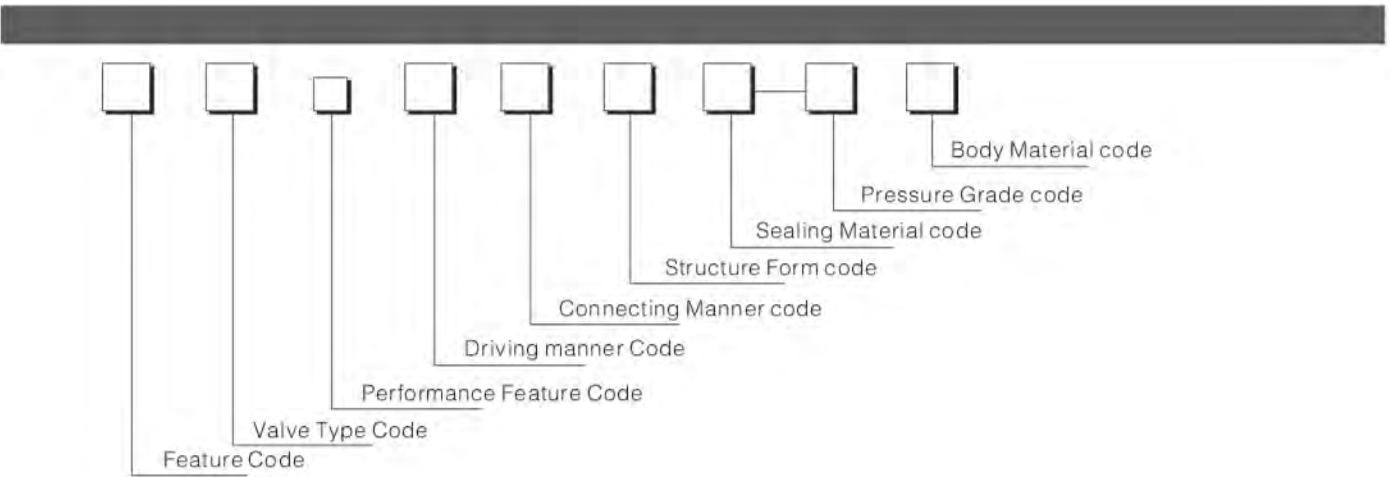
蝶阀型号编制说明
BUTTERFLY VALVE MODEL SCHEDULE ILLUSTRATION



★ 特征代号:	本公司特征代号为W			
★ 阀门类型代号:	D – 蝶阀			
★ 性能特征代号:	RT – 热风调节型			
★ 驱动方式代号:	3 – 蜗轮蜗杆传动	6 – 气动	6s – 气动带手动	9 – 电动、(手柄传动略)
★ 连接形式代号:	4 – 法兰连接	6 – 焊接	7 – 对夹连接	
★ 结构形式代号:	1 – 中线式 5 – 三偏心	2 – 单偏心	3 – 双偏心	4 – 变偏心
★ 密封面材质代号:	X – 橡胶 Y – 硬质合金	F – 聚四氟乙烯	J – 衬胶	H – 合金钢
★ 压力等级代号:	公称压力MPa的10倍、磅级为实际数			
★ 阀体材料代号:	Z – HT200 P – CF8、ZG1Cr18Ni9Ti	C – WCB R – CF8M、ZG1Cr18Ni12Mo2Ti		

★ 例: WD343F-16C
表示公称压力为1.6MPa、蜗轮传动、法兰连接、双偏心结构、阀体材质为WCB，密封面材质为聚四氟乙烯。

蝶阀型号编制说明
BUTTERFLY VALVE MODEL SCHEDULE ILLUSTRATION



★ Feature Code:	The feature code of our company is W			
★ Valv Type code:	D – Butterfly valve			
★ Performance Feature Code:	Hot–air Adjustment Type			
★ Driving Type Code:	3 – Worm wheel and screw transmission	6 – pneumatic driving	6s –air–operated with handle transmission	9 – motor driving
★ Connecting Manner Code:	4 – flange connecting	6 – welded connection	7 – wafer type	
★ Structural Form Code:	1 –center line–type 4 – variable eccentric structure	2 – single eccentric structure 5 – three eccentric structure	3 – double eccentric structure	
★ Sealing Material Code:	X – rubber W – stainless steel body	F – polytetrafluoroethylene Y – hard alloy	H – alloy steel	
★ Pressure Grade Code:	The 10 times of the nominal pressure MPa, pound grade is practical number			
★ Body Material Code:	Z – HT200 P – CF8、ZG1Cr18Ni9Ti	C – WCB R – CF8M、ZG1Cr18Ni12Mo2Ti		

★ Example: WD343F-16C
Denotes 1.6MPa nominal rating pressure, worm wheel and screw transmission, flange-connecting, double eccentric structure, WCB valve material, and PTFE sealing material.

产品结构特征、规格、性能规范
PRODUCTS DESIGN FEATURES、SPECIFICATION、PERFORMANCE SPECIFICATION

产品结构特征 Products design features

系列蝶阀适用于食品、饮料、医药、化工、工业环保水处理、高层建筑、给排水等管路作启闭或调节介质流量之用。
主要结构特点有：
1、结构简单、体积小、重量轻、安装尺寸小。
2、密封材料有软、硬两种，可用于各种不同的工况，且密封性能好，使用寿命长。
3、防火结构设计的蝶阀可防止火灾事故的扩大，一旦蝶阀的软密封阀座着火烧损后，不锈钢金属密封圈便发挥作用使蝶阀保持紧急密封。
4、蝶阀在完全开启的情况下，流阻较小，部分开启的情况下能进行灵敏的流量控制。
5、驱动力矩小、操作简便、迅速。
The series of the butterfly valves can be applied to food, drink, medicine, chemical industry, industrial environmental protection water treatment, high building, water supply and drainage, etc. used to start or stop or adjust medium flow quantity,
The major features of the structure:
1. Simple structure, small volume, light weight, small installation dimension.
2. Having two kinds of seal material: soft and hard, can be used in various working conditions, with good sealing performance, and long life-span.
3. Anti-fire structure designed butterfly valve can prevent the expanding of an accidental fire, once the soft sealing valve seat of the butterfly valve catches fire and damaged, the stainless steel seal ring will give play to make butterfly valve keep emergency sealed.
4. In the condition of the butterfly valve fully opened, it has little flow resistance, and in the condition of the butterfly valve partially opened, the flow quantity can be controlled sensitively.
5. Little driving couple, convenient and quick operations.

Table with 5 columns: Product specification, Serial models, Pressure grade range, Drift diameter specification range, and Driving manner and scope of application. It lists various valve models and their corresponding pressure and size ranges.

注：本公司可根据用户要求提供产品
Notes: Our Company can provide products at customers' request.

产品性能规范 Products performance specification

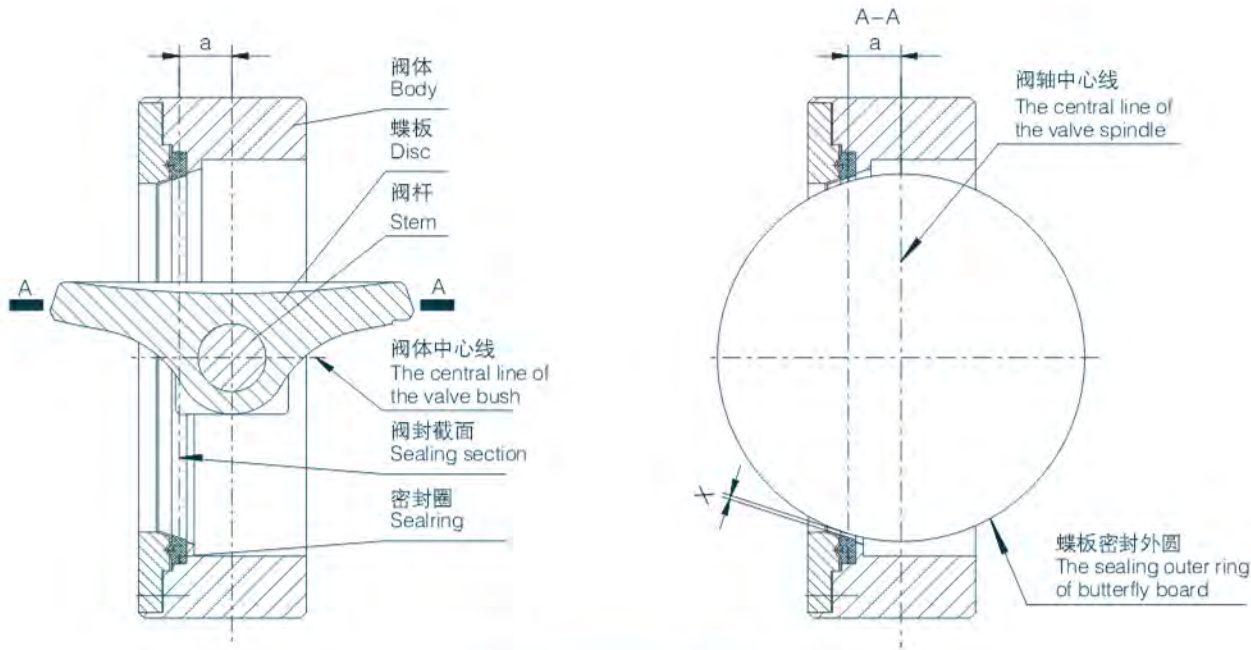
Table with 3 columns: Pressure grade, Test pressure, and Working temperature. It details the performance specifications for the butterfly valves, including pressure ranges and temperature limits.

注：PN为主体材料在38℃时允许的额定工作压力
Note: PN is requested pressure for the body material under the 38℃.

密封原理分析
SEALING PRINCIPLE ANALYSIS

本公司生产的系列蝶阀的密封结构形式有：单偏心密封、双偏心密封、三偏心密封，变偏心密封，各种结构类型蝶阀的密封原理简述如下：
The types of structure of the series of the butterfly valves produced by the company consist of single eccentric seal, double eccentric seal, three eccentric seal, various eccentric structure. The sealing principle of all kinds of the butterfly valves is sketched as below:

1、单偏心密封蝶阀的密封原理
1. The sealing principle of the single eccentric butterfly valve



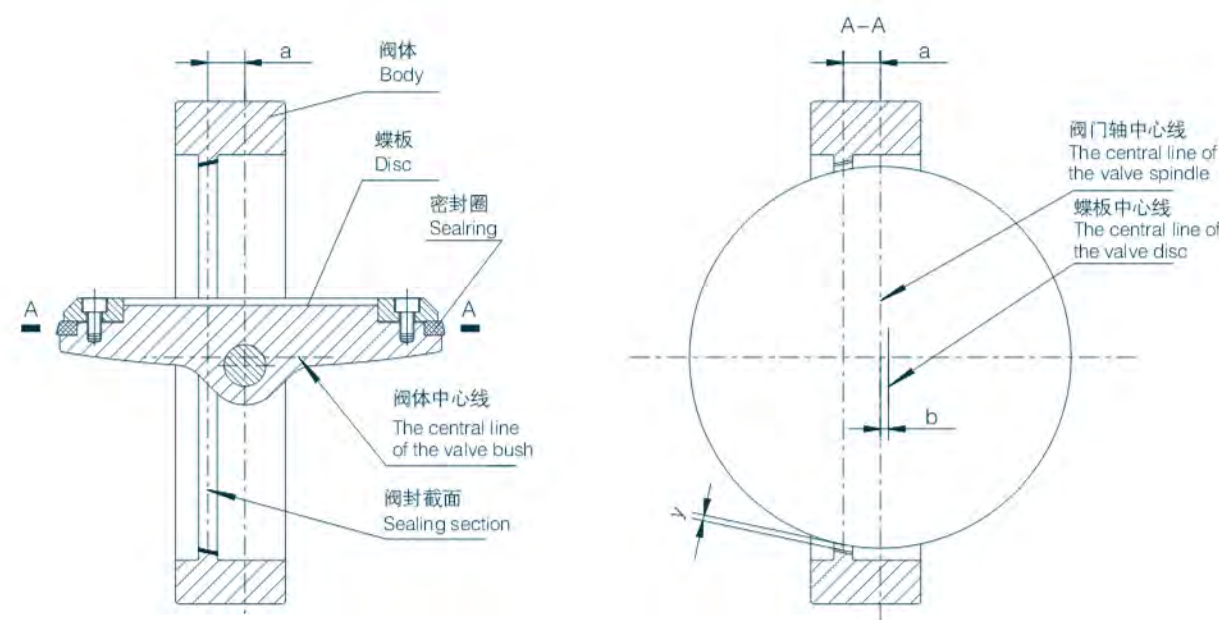
单偏心密封蝶阀密封副结构
The sealing structure of the single eccentric seal butterfly valve

由于蝶板的回转中心（即阀门轴中心）与蝶板密封截面按a偏心设置，使得蝶阀在开启过程中，蝶板密封面逐渐脱离阀座密封面，蝶板转动至20°~25°时，蝶板密封面完全脱离阀座密封面，完全开启时，两密封面之间形成间隙x，从而使得蝶阀在启闭过程中，两密封面之间相对机械磨损及挤压大为降低，从而保证了蝶阀的密封。

As the center of gyration of the disc (the center of valve spindle) and the sealing section of the disc are set up in eccentric(a), it makes the sealing section of the disc gradually separate from the sealing section of the valve seat in the course of opening the butterfly valve, when the disc revolves to 20°~25°, the sealing section of disc will completely brake away from the sealing section of the valve seat, and when completely opened, a gap X will be formed in two sealing sections, thus making the relative mechanical wear and extrusion decrease between two sealing section, and ensure the seal of the butterfly valve.

密封原理分析
SEALING PRINCIPLE ANALYSIS

2、双偏心密封蝶阀的密封原理
2. The sealing structure of the single eccentric butterfly valve



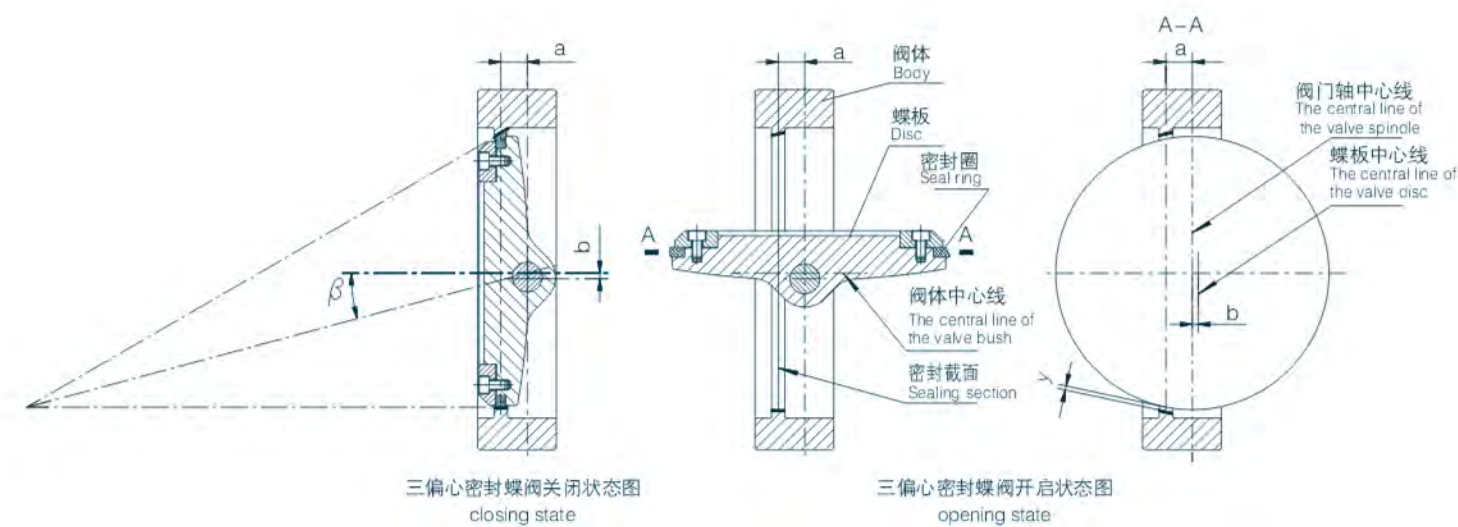
双偏心密封蝶阀密封副结构
The sealing structure of the double eccentric seal butterfly valve

由于在单偏心蝶阀的基础上将蝶板的回转中心（即阀轴中心）与阀体中心线形成尺寸b偏置，使得蝶阀在开启过程中，蝶板的密封面会比单偏心密封蝶阀更快地脱离阀座密封面，蝶板转动至 $8^{\circ} \sim 12^{\circ}$ 时，蝶板密封面完全脱离阀座密封面，完全开启时，两密封面之间形成一个更大的间隙 γ ，该类蝶阀的设计，大大降低了两密封面之间的机械磨损及挤压变形，使蝶阀的密封性能更为提高。

As making the center of gyration of the disc (the center of the valve spindle) form a polarization in size(b) with the central line of the valve bush, based on the single eccentric butterfly valve, which makes the sealing section of the disc brake away from the sealing section of the valve seat quicker than the single eccentric seal butterfly valve does, in the course of opening the butterfly valve, when the disc revolves to $8^{\circ} \sim 12^{\circ}$, the sealing section of the disc will completely brake away from the sealing section of the valve seat, and when completely opened, a bigger gap γ will be formed in two sealing sections. The design of this kind of butterfly valve can greatly decrease the mechanical wear and extrusion and deformation, and improve more the sealing performance of the butterfly valve.

密封原理分析
SEALING PRINCIPLE ANALYSIS

3、三偏心密封蝶阀的密封原理
3. The sealing principle of the three eccentric seal butterfly valve.



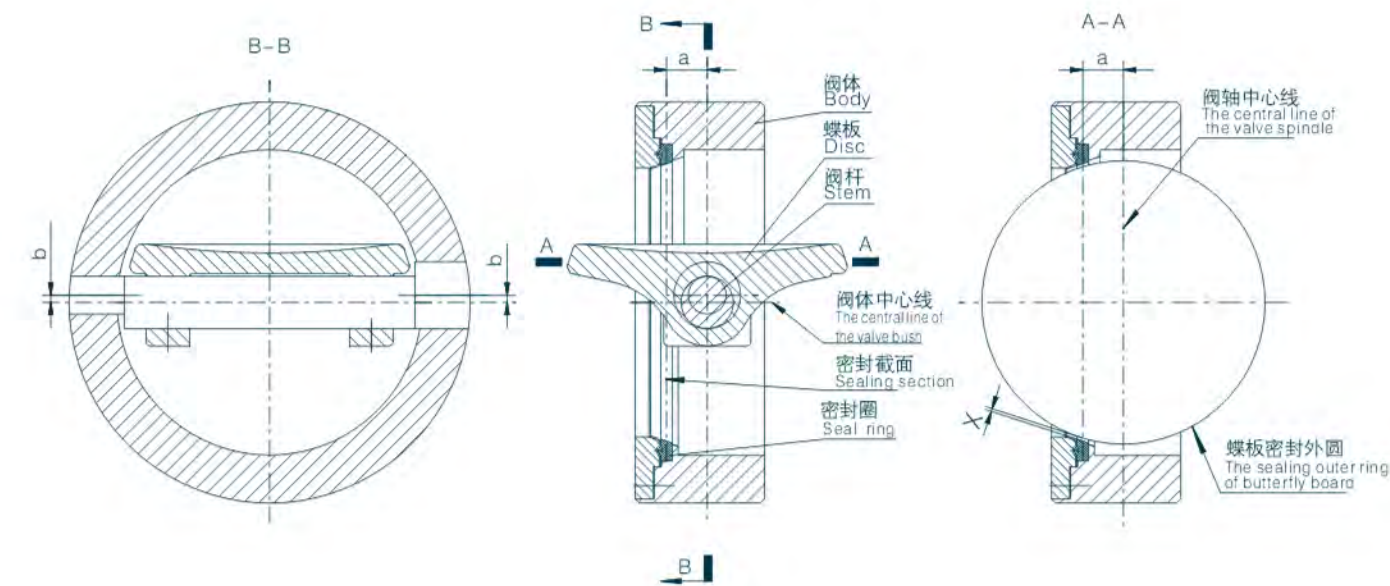
三偏心密封蝶阀密封副结构
The sealing structure of the three eccentric seal butterfly valve

由于在双偏心蝶阀的基础上将阀座中心线再与阀体中心线形成一个 β 角偏置，使得蝶阀在启闭过程中，蝶板的密封面在开启瞬间立即脱离阀座密封面，而在关闭瞬间才会接触并压紧阀座密封面。当完全开启时，两密封面之间形成一个与双偏心密封蝶阀相同间隙 γ ，该类蝶阀的设计，彻底消除了两密封面之间的机械磨损和擦伤，使蝶阀的密封性能和使用寿命都得到大大提高。

As making the central line of the valve seat form a polarization in angle β with the central line of the valve bush, based on the double eccentric butterfly valve, which makes the sealing section of the disc immediately brake away from the sealing section of the valve seat at the moment of opening, and contact the sealing section of the valve seat at the moment of closing, during the course of opening and closing, When completely opened, a gap γ same to the double eccentric seal butterfly valve will be formed in the two sealing sections. The design of this kind of the butterfly valve can completely remove the mechanical wear and scratch between the two sealing section, and greatly improve the sealing performance and life-span of the butterfly valve.

密封原理分析
SEALING PRINCIPLE ANALYSIS

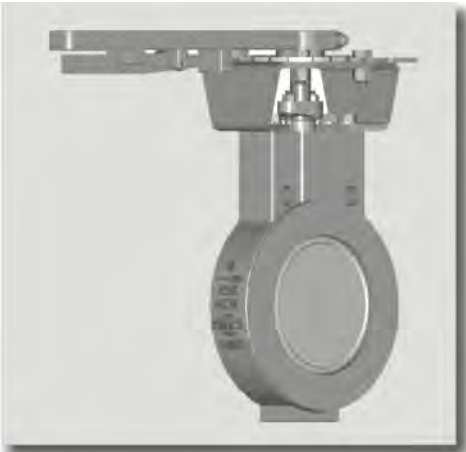
4、变偏心密封蝶阀的密封原理
4. the sealing principle of the various eccentric seal butterfly valve.



变偏心密封蝶阀密封副结构
The sealing structure of the various eccentric seal butterfly valve

变偏心蝶阀的独特之处在于安装蝶板的阀杆轴是一个三段轴式结构，此三段轴式阀杆两段轴段同心，而中间段轴中心线与两端轴线偏离一个中心距，蝶板就安装在中间轴段上。这样的偏心结构使得蝶板在全开位置时成为双偏心状，而在蝶板转动到关闭位置时则成为单偏心状。由于偏心轴的作用，在接近关闭时，蝶板向阀座的密封锥面内移进一个距离，蝶板与阀座的密封面相吻合达到可靠的密封性能。

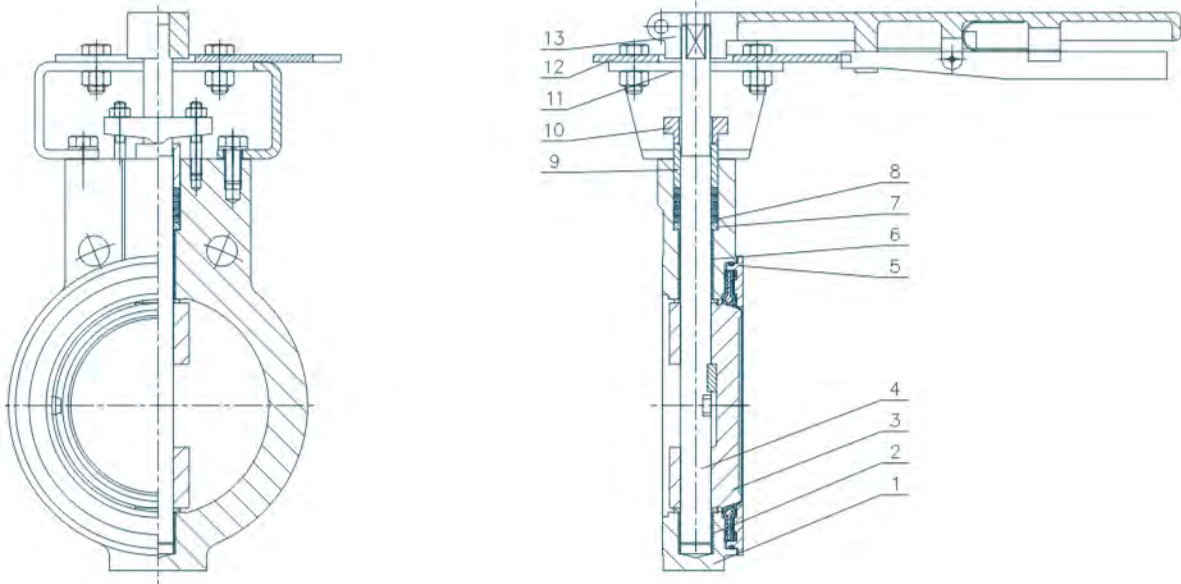
The unique feature of the various eccentric butterfly valve is the valve handle shaft for installation of the disc, with a structure of three-parts style. There are two parts with a concentric shaft, of the valve handle in three-parts style, but the central line of the middle shaft is a centerline spacing away from the shaft line of the both sides, and the disc is installed in the part of the middle shaft. This eccentric structure can make the disc be in the type of the double eccentric at the situation of fully opened, but in the single eccentric type when the disc is revolved. When approaching closing, the disc will move a distance towards the sealing conic section, and the sealing section of the disc and valve seat is in the reliability of sealing performance, because of the function of the eccentric shaft.



单偏心蝶阀
SINGE ECCENTRIC BUTTERFLY VALVE

技术规范 Technical specification	
结构形式 Structural formation	单偏心 Single eccentric structure
驱动方式 Driving manner	手动、蜗轮蜗杆传动、气动、电动 Hand-operated, Worm wheel & Worm screw, Pneumatic operated, Electric-driving
设计标准 Design standard	GB/T 12238、API 609、MSS.SP-68
结构长度 Face to face	GB/T 12221、ASME B16.10、API 609、MSS.SP-68
连接法兰 Flanged ends	JB/T 79~82、GB/T 9115、ASME B16.5、ASME B16.47
试验和检验 Test & inspection	JB/T 9092、API 598

*注：系列阀门连接法兰尺寸可根据用户要求设计制造。
Notes: The sizes of serial valve connecting flange can be designed according to customers' requirement.



主要零件材质 Form of major parts materials

序号 No.	零件名称 Part name	材质 Material	序号 No.	零件名称 Part name	材质 Material
1	阀体 Body	WCB、CF8、CF8M CF3、CF3M	8	填料 Packing	柔性石墨 Flexible graphite
2	轴套 Bush	锡青铜、不锈钢+PTFE Nikelium, Stainless steel+PTFE	9	填料压套 Gland	2Cr13、 ASTM A276-420
3	蝶板 Wedge	WCB、CF8、CF8M CF3、CF3M	10	填料压盖 Gland flange	WCB、CF8、CF8M
4	阀杆 Stem	1Cr13、2Cr13、 1Cr18Ni9Ti、0Cr18Ni12Mo2Ti	11	支架 Yoke	WCB、CF8、CF8M CF3、CF3M
5	密封组合件 Sealing part	25+橡胶、25+F6、不锈钢 25+ Rubber、25+F6、Stainless steel	12	指示板 Indicating plate	不锈钢 Stainless steel
6	轴套 Bush	锡青铜、不锈钢+PTFE Nikelium, Stainless steel+PTFE	13	手柄 Wrench	KTH330、QT400
7	填料垫 Packing seat	2Cr13			

注：美标相应材质不一列举。
Note: Relevant material of America Standard is not to be particularized respectively.

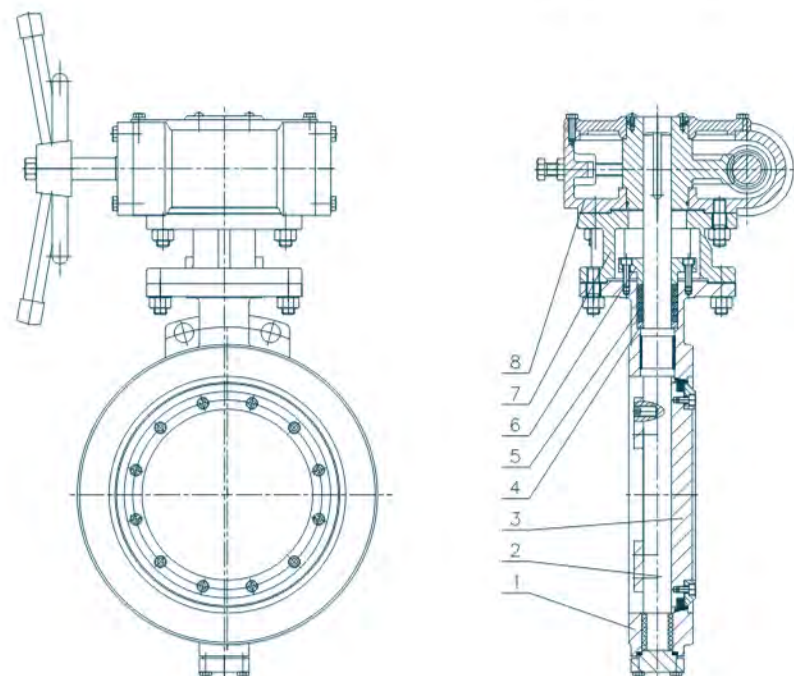


双偏心蝶阀 DOUBLE ECCENTRIC BUTTERFLY VALVE

技术规范 Technical specification

结构形式 Structural formation	双偏心 The double eccentric structure
驱动方式 Driving manner	手动、蜗轮蜗杆传动、气动、电动 Hand-operated, Worm wheel & Worm screw Pneumatic operated, Electric-driving
设计标准 Design standard	GB/T 12238, API 609, MSS.SP-68
结构长度 Face to face	GB/T 12221, ASME B16.10, API 609, MSS.SP-68
连接法兰 Flanged ends	JB/T 79~82, GB/T 9115, ASME B16.5, ASME B16.47
试验和检验 Test & inspection	JB/T 9092, API 598

* 注：系列阀门连接法兰尺寸可根据用户要求设计制造。
Notes: The sizes of serial valve connecting flange can be designed according to customers' requirement.



主要零件材质 Form of major parts materials

序号 No.	零件名称 Part name	材质 Material	序号 No.	零件名称 Part name	材质 Material
1	阀体 Body	WCB, CF8, CF8M CF8C, CF3, CF3M	5	填料 Packing	柔性石墨 Flexible Graphite
2	阀杆 Stem	1Cr13, 2Cr13, 1Cr18Ni9Ti, 0Cr18Ni12Mo2Ti	6	填料压盖 Gland Flange	WCB, CF8, CF8M
3	蝶板组合件 Disc	WCB+F4, WCB+不锈钢复合件Stainless steel composite parts WCB+F6, CF8, CF8M	7	支架 Yoke	WCB, CF8, CF8M CF3, CF3M
4	填料垫 Packing seat	2Cr13	8	蜗轮蜗杆装置 Worm device	

注：美标相应材质不一列举。
Note: Relevant material of America Standard is not to be particularized respectively.

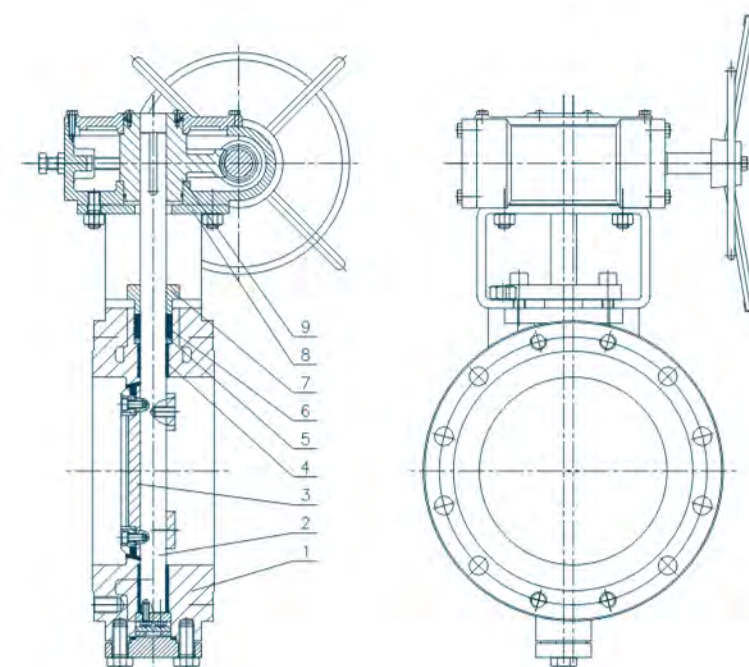


三偏心蝶阀 THREE ECCENTRIC BUTTERFLY VALVE

技术规范 Technical specification

结构形式 Structural formation	三偏心 The three eccentric structure
驱动方式 Driving manner	手动、蜗轮蜗杆传动、气动、电动 Hand-operated, worm wheel & worm screw pneumatic operated, Electric-driving
设计标准 Design standard	GB/T 12238, API 609, MSS.SP-68
结构长度 Face to face	GB/T 12221, ASME B16.10, API 609, MSS.SP-68
连接法兰 Flanged ends	JB/T 79~82, GB/T 9115, ASME B16.5, ASME B16.47
试验和检验 Test & inspection	JB/T 9092, API 598

* 注：系列阀门连接法兰尺寸可根据用户要求设计制造。
Notes: The sizes of serial valve connecting flange can be designed according to customers' requirement.



主要零件材质 Form of major parts materials

序号 No.	零件名称 Part name	材质 Material	序号 No.	零件名称 Part name	材质 Material
1	阀体 Body	WCB, CF8, CF8M CF8C, CF3, CF3M	6	填料 Packing	柔性石墨 Flexible graphite
2	阀杆 Stem	1Cr13, 2Cr13, 1Cr18Ni9Ti, 0Cr18Ni12Mo2Ti	7	填料压盖 Gland flange	WCB, CF8, CF8M
3	蝶板组合件 Disc	WCB+F4, WCB+不锈钢复合件Stainless steel composite parts WCB+F6, CF8, CF8M	8	支架 Yoke	WCB, CF8, CF8M CF3, CF3M
4	轴套 Bush	锡青铜、不锈钢+PTFE Nikelium, Stainless steel+PTFE	9	蜗轮蜗杆装置 Worm device	
5	填料垫 Packing seat	2Cr13			

注：美标相应材质不一列举。
Note: Relevant material of America Standard is not to be particularized respectively.

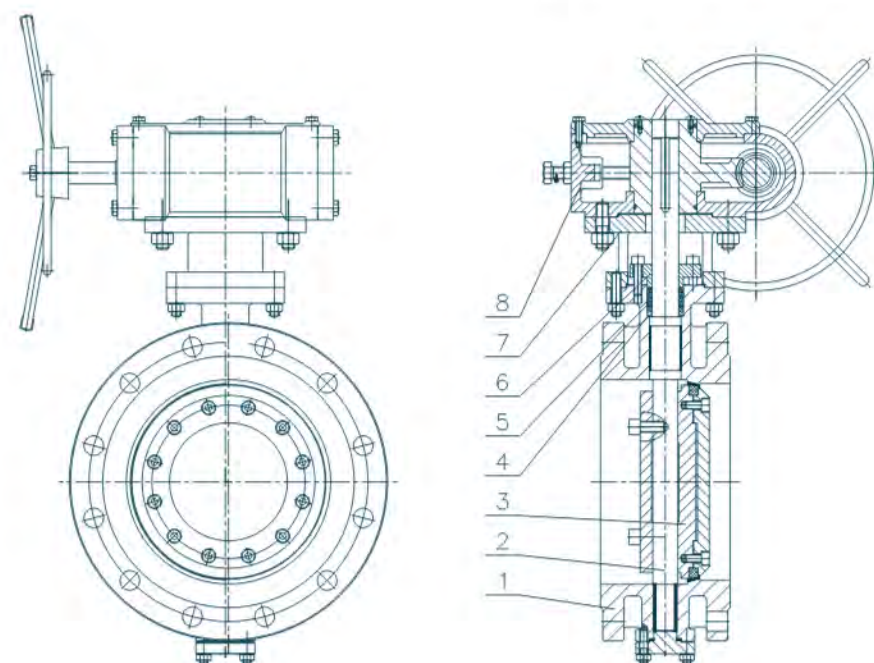


变偏心蝶阀 VARIABLE ECCENTRIC BUTTERFLY VALVE

技术规范 Technical specification

结构形式 Structural formation	变偏心 The various eccentric structure
驱动方式 Driving manner	手动、蜗轮蜗杆传动、气动、电动 Hand-operated, Worm wheel & Worm screw Pneumatic operated, Electric-driving
设计标准 Design standard	GB/T 12238、API 609、MSS.SP-68
结构长度 Face to face	GB/T 12221、ASME B16.10、API 609、MSS.SP-68
连接法兰 Flanged ends	JB/T 79~82、GB/T 9115、ASME B16.5、ASME B16.47
试验和检验 Test & inspection	JB/T 9092、API 598

*注：系列阀门连接法兰尺寸可根据用户要求设计制造。
Notes: The sizes of serial valve connecting flange can be designed according to customers' requirement.

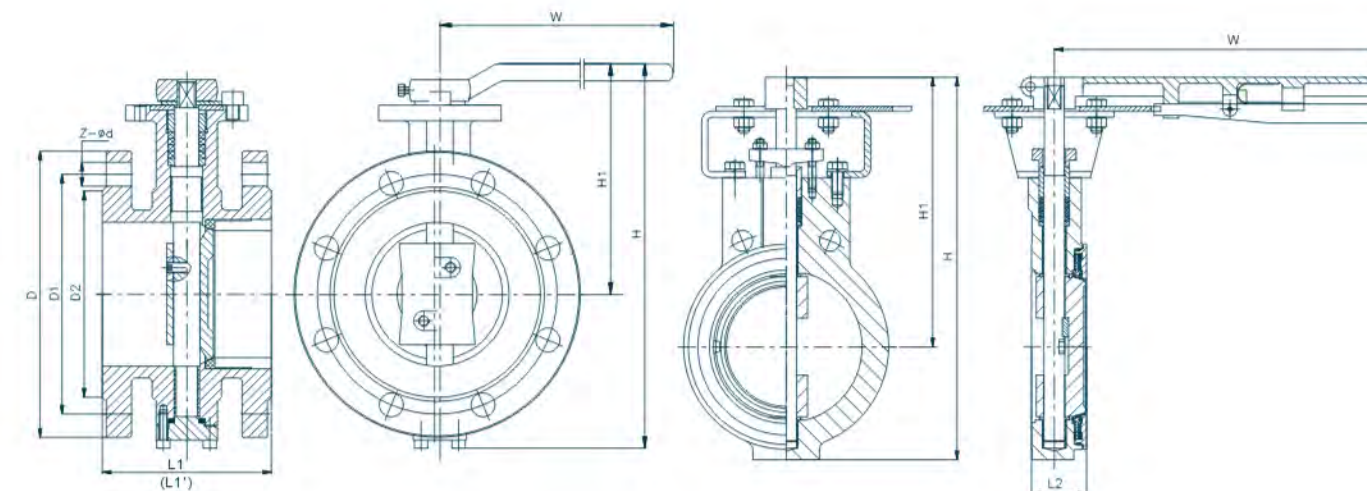


主要零件材质Form of major parts materials

序号 No.	零件名称 Part name	材质 Material	序号 No.	零件名称 Part name	材质 Material
1	阀体 Body	WCB、CF8、CF8M CF8C、CF3、CF3M	5	填料 Packing	柔性石墨 Flexible graphite
2	阀杆 Stem	1Cr13、2Cr13、 1Cr18Ni9Ti、0Cr18Ni12Mo2Ti	6	填料压盖 Gland flange	WCB、CF8、CF8M
3	蝶板组合件 Disc	WCB+F4、WCB+不锈钢复合件Stainless steel composite parts WCB+F6、CF8、CF8M	7	支架 Yoke	WCB、CF8、CF8M CF3、CF3M
4	填料垫 Packing seat	2Cr13	8	蜗轮蜗杆装置 Worm device	

注：美标相应材质不一列举。
Note: Relevant material of America Standard is not to be particularized respectively.

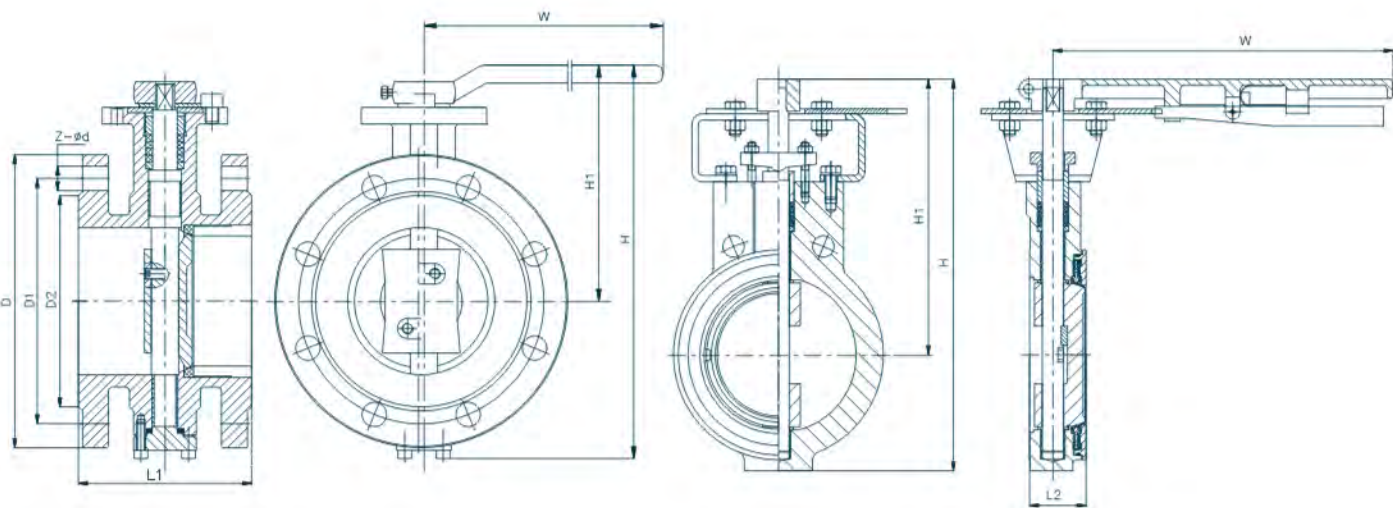
手动蝶阀 WD4(7)1(2、3、4、5)F(X、H、W、Y) MANUAL OPERATED BUTTERFLY VALVE



主要外形尺寸 Main Size of outside

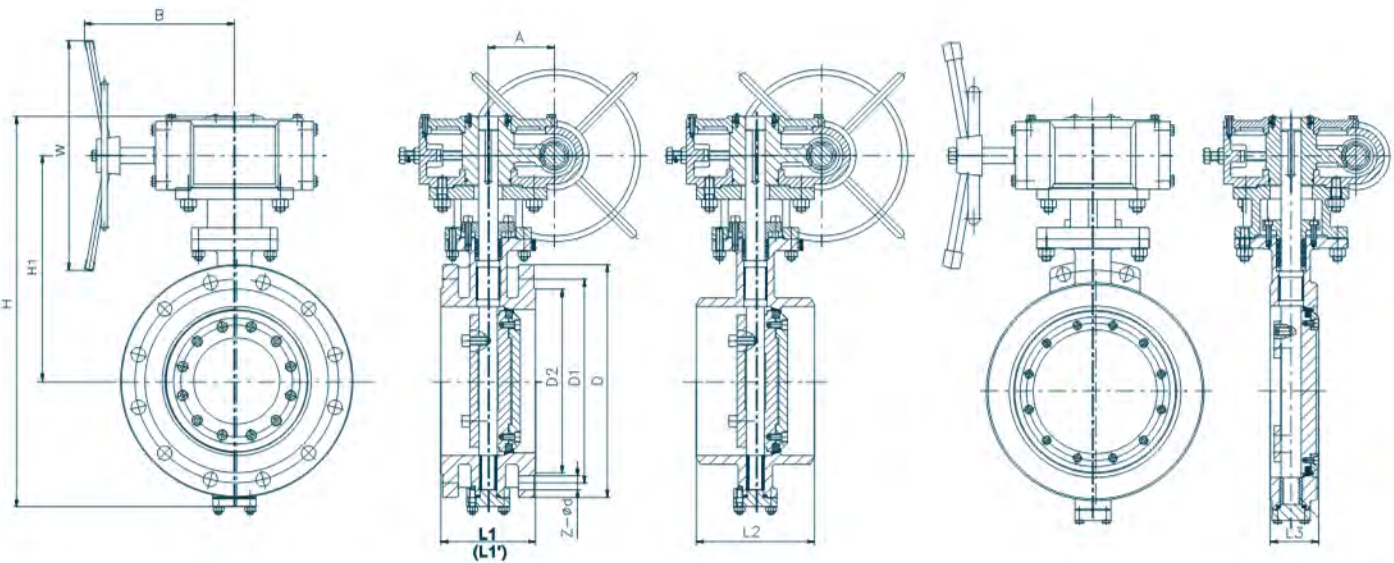
PN1.0~4.0MPa													
PN(MPa)	DN(mm)	L1	L1'	L2	D	D1	D2	Z-Φd	H1	H	W	Kg(L1)	Kg(L1', L2)
1.0	40	106	140	33	150	110	85	4-Φ18	155	208	180	3.8	3.4
	50	108	150	43	165	125	100	4-Φ18	160	225	200	4.8	4.1
	65	112	170	46	185	145	120	4-Φ18	175	250	230	6.8	6
	80	114	180	49	200	160	135	4-Φ18	190	260	250	8.9	7.7
	100	127	190	56	220	180	155	8-Φ18	195	295	270	11	9.8
	125	140	200	64	250	210	185	8-Φ18	215	330	300	14.5	13
	150	140	210	70	285	240	210	8-Φ23	225	356	350	20	18
1.6	40	106	140	33	150	110	85	4-Φ18	155	208	180	3.8	3.4
	50	108	150	43	165	125	100	4-Φ18	160	225	200	4.8	4.1
	65	112	170	46	185	145	120	4-Φ18	175	250	230	6.8	6
	80	114	180	49	200	160	135	4-Φ18	190	260	250	8.9	7.7
	100	127	190	56	220	180	155	8-Φ18	195	295	270	11	9.8
	125	140	200	64	250	210	185	8-Φ18	215	330	300	14.5	13
	150	140	210	70	285	240	210	8-Φ23	225	356	350	20	18
2.5	40	106	140	33	150	110	85	4-Φ18	155	208	180	3.8	3.4
	50	108	150	43	165	125	100	4-Φ18	160	225	200	5.8	5
	65	112	170	46	185	145	120	8-Φ18	175	265	230	8	7.2
	80	114	180	49	200	160	135	8-Φ18	190	275	250	10	9
	100	127	190	56	230	190	160	8-Φ23	205	310	270	13.5	12
	125	140	200	64	270	220	188	8-Φ26	220	347	300	17.5	16
	150	140	210	70	300	250	218	8-Φ26	235	374	350	24	22
4.0	40	106	140	33	150	110	85	4-Φ18	155	208	180	3.8	3.4
	50	108	150	43	165	125	100	4-Φ18	160	225	200	5.8	5
	65	112	170	46	185	145	120	8-Φ18	175	265	230	8	7.2
	80	114	180	49	200	160	135	8-Φ18	190	275	270	10	9
	100	127	190	56	235	190	160	8-Φ23	205	310	300	13.5	12
	125	140	200	64	270	220	188	8-Φ26	220	347	350	17.5	16
	150	140	210	70	300	250	218	8-Φ26	235	374	380	24	22

手动蝶阀 WD4(7)1(2、3、4、5)F(X、H、W、Y)
MANUAL OPERATED BUTTERFLY VALVE



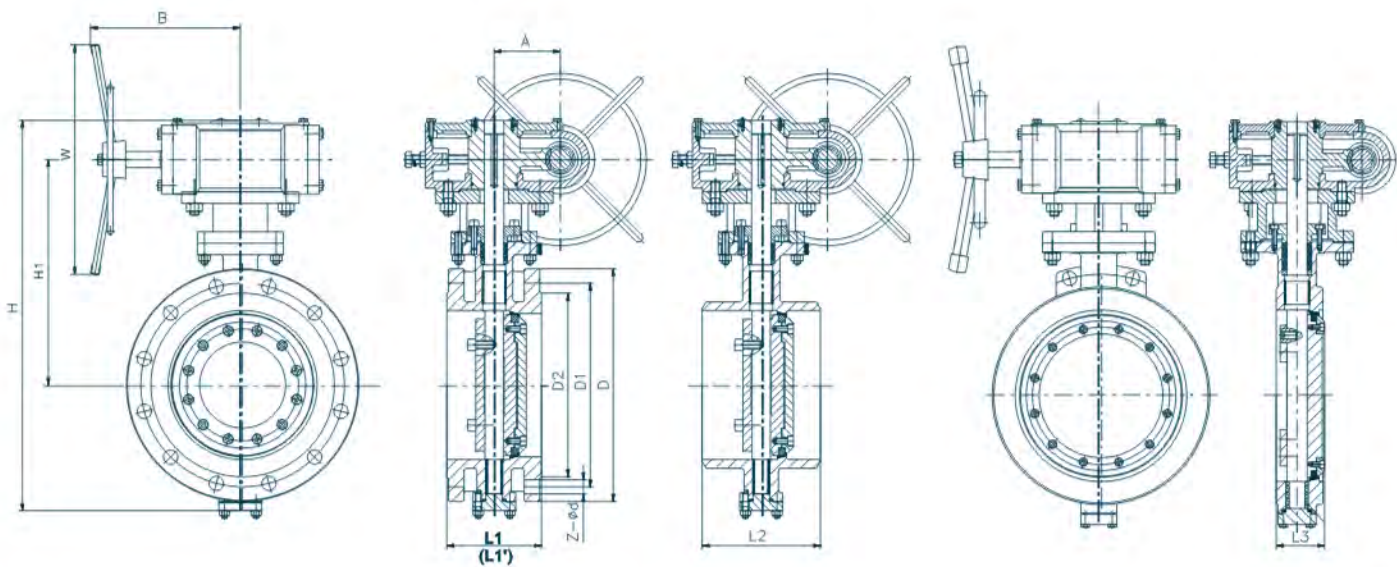
主要外形尺寸 Main Size of outside										Class 150~300		
Class	NPS(in)	L1	L2	D	D1	D2	Z-φd	H1	H	W	Kg(L1)	Kg(L2)
150	3	114	48	190	152.5	127	4-Φ20	187	262	250	8.9	7.7
	4	127	54	230	190.5	157	8-Φ20	203	308	270	11	9.8
	5	140	55	255	216	186	8-Φ22	215	324	300	14.5	13
	6	140	57	280	241.5	216	8-Φ22	224	354	350	20	18
300	3	114	48	210	168.5	127	8-Φ22	198	293	290	10	9
	4	127	54	255	200	157	8-Φ22	203	310	320	13.5	12
	5	140	55	280	235	186	8-Φ22	225	352	350	17.5	16
	6	140	59	320	270	216	12-Φ22	235	384	380	24	22

蜗轮传动蝶阀 WD34(6、7)1(2、3、4、5)F(X、H、W、Y)
WORM DRIVEN BUTTERFLY VALVE



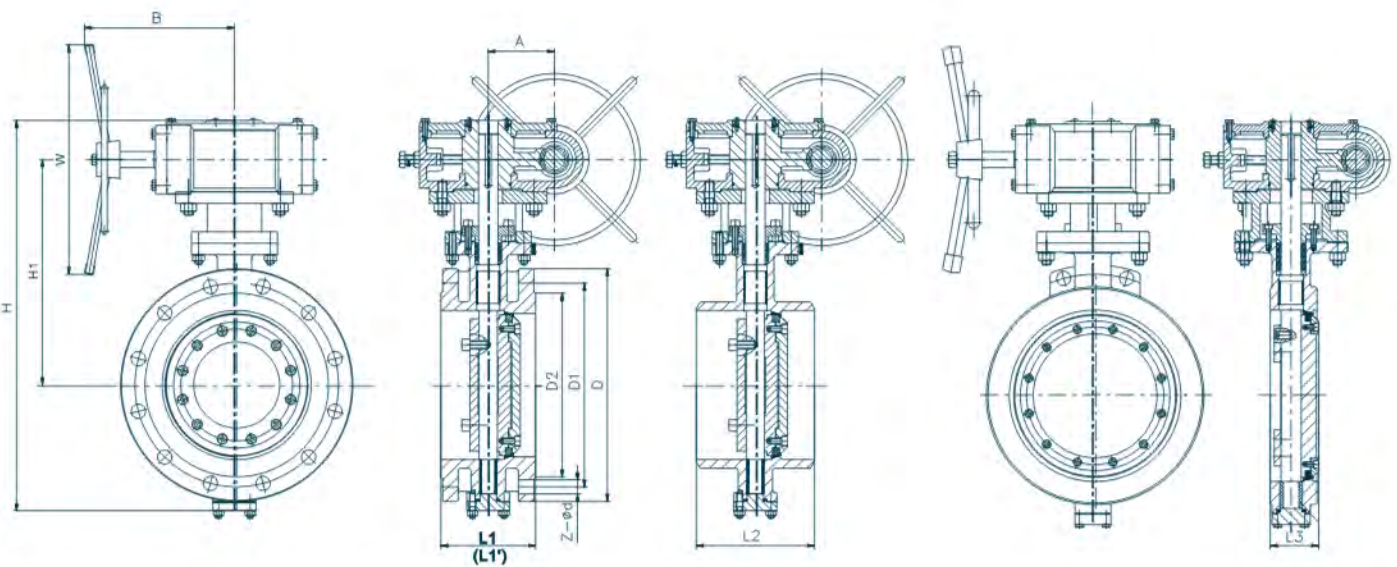
主要外形尺寸 Main Size of outside															PN0.6MPa		
DN(mm)	L1	L1'	L2	L3	D	D1	D2	Z-Φd	H1	H	A	B	W	蜗轮传动装置 Worm device	Kg(L1, L1')	Kg(L2)	Kg(L3)
65	112	170	170	46	160	130	110	4-Φ14	180	290	63	140	180	O型(type)	25	22	18
80	114	180	180	49	190	150	125	4-Φ18	190	320	63	140	180	O型(type)	30	27	22
100	127	190	190	56	210	170	145	4-Φ18	198	342	63	140	240	A型(type)	38	32	29
150	140	210	210	70	265	225	200	8-Φ18	246	415	63	140	240	A型(type)	48	40	32
200	152	230	230	71	320	280	255	8-Φ18	298	470	84	170	300	B型(type)	90	77	62
250	165	250	250	76	375	335	310	12-Φ18	328	535	84	170	300	B型(type)	114	96	93
300	178	270	270	83	440	395	362	12-Φ23	365	606	108	200	400	C型(type)	148	125	99
350	190	290	290	92	490	445	412	12-Φ23	408	695	108	200	400	C型(type)	183	155	131
400	216	310	310	102	540	495	462	16-Φ23	446	755	128	240	400	C型(type)	215	183	146
450	222	330	330	114	595	550	518	16-Φ23	475	815	152	240	600	D型(type)	260	226	180
500	229	350	350	127	645	600	568	16-Φ23	525	905	168	300	600	D型(type)	337	286	229
600	267	390	390	154	755	705	670	20-Φ26	610	1050	320	192	600	D型(type)	551	434	347
700	292	430	430	165	860	810	775	24-Φ26	795	1276	237	192	350	DA型(type)	905	769	615
800	318	470	470	190	975	920	880	24-Φ30	837	1384	237	168	350	DA型(type)	1221	1038	830
900	330	510	510	203	1075	1020	980	24-Φ30	885	1500	237	168	350	DA型(type)	1576	1339	1071
1000	410	550	550	216	1175	1120	1080	28-Φ30	946	1620	785	30	450	DB型(type)	2090	1716	1419
1200	470	630	630	254	1405	1340	1295	32-Φ34	1165	2185	785	30	450	DB型(type)	2227	1977	1845
1400	530	710	710	279	1630	1560	1510	36-Φ36	1310	2315	785	30	450	DB型(type)	2396	2182	1950
1600	600	790	790	318	1830	1760	1710	40-Φ36	1440	2675	785	30	450	DB型(type)	3748	3204	2920
1800	670	870	870	356	2045	1970	1918	44-Φ39	1580	2920	865	50	600	DC型(type)	4491	4090	3800
2000	760	950	950	406	2265	2180	2125	48-Φ42	1725	3170	865	50	600	DC型(type)	6154	5607	5200
2200	760	1000	1000	-	2475	2390	2335	52-Φ42	1845	3415	865	50	600	DC型(type)	8031	7459	-
2400	760	1100	1100	-	2685	2600	2545	56-Φ42	1972	3670	865	50	600	DC型(type)	10046	9532	-
2600	760	1200	1200	-	2905	2810	2750	60-Φ48	2100	3830	865	50	600	DD型(type)	11310	10854	-
2800	760	1300	1300	-	3115	3020	2960	64-Φ48	2235	4100	865	50	600	DD型(type)	14400	13698	-
3000	760	1400	1400	-	3315	3220	3160	68-Φ48	2370	4380	865	50	600	DD型(type)	15420	14725	-
3200	880	-	-	-	3525	3430	3370	72-Φ48	2500	4420	865	-	600	DD型(type)	18200	-	-
3400	950	-	-	-	3735	3640	3580	76-Φ48	2620	4660	868	-	600	DD型(type)	22500	-	-

蜗轮传动蝶阀 WD34(6、7)1(2、3、4、5)F(X、H、W、Y)
WORM DRIVEN BUTTERFLY VALVE



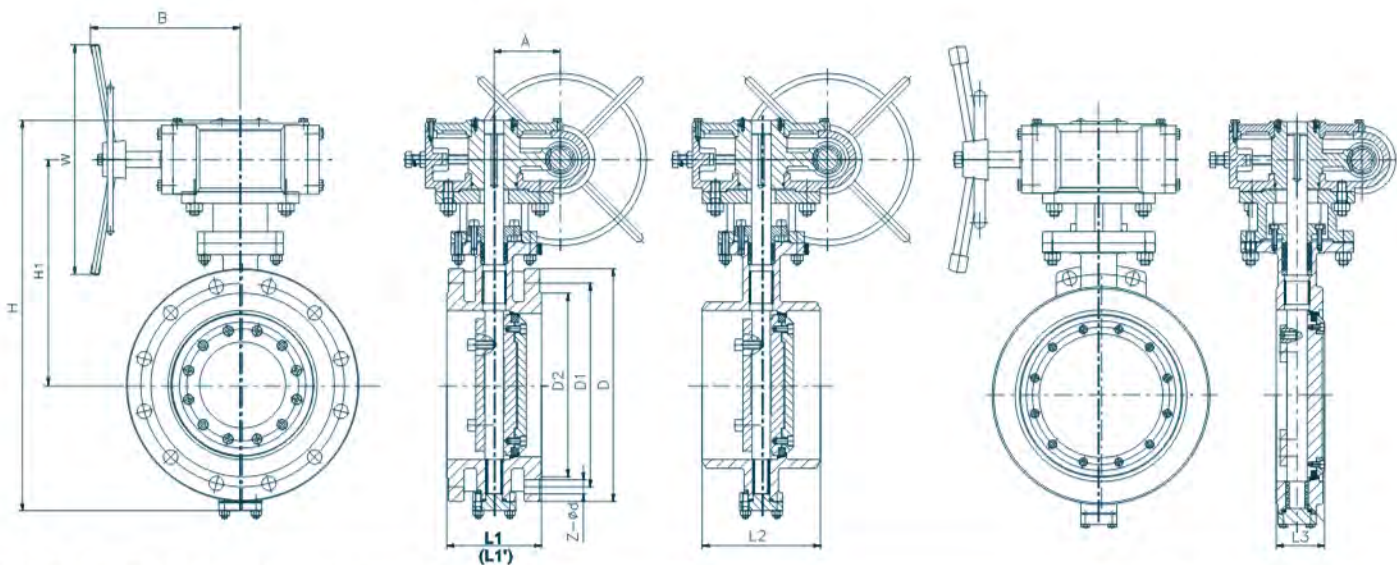
主要外形尺寸 Main Size of outside														PN1.0MPa			
DN(mm)	L1	L1'	L2	L3	D	D1	D2	Z-φd	H1	H	A	B	W	蜗轮传动装置 Worm device	Kg(L1, L1')	Kg(L2)	Kg(L3)
65	112	170	170	46	185	145	120	4-Φ18	178	290	63	140	180	O型(type)	25	22	18
80	114	180	180	49	200	160	135	4-Φ18	185	325	63	140	180	O型(type)	30	27	22
100	127	190	190	56	220	180	155	8-Φ18	193	345	63	140	240	A型(type)	38	32	29
150	140	210	210	70	285	240	210	8-Φ23	245	415	63	140	240	A型(type)	48	40	32
200	152	230	230	71	340	295	265	8-Φ23	298	470	84	170	300	B型(type)	90	77	62
250	165	250	250	76	395	350	320	12-Φ23	328	535	84	170	300	B型(type)	114	96	93
300	178	270	270	83	445	400	368	12-Φ23	365	606	108	200	400	C型(type)	148	125	99
350	190	290	290	92	505	460	428	16-Φ26	408	695	108	200	400	C型(type)	183	155	131
400	216	310	310	102	565	515	482	16-Φ26	446	755	128	240	400	C型(type)	215	183	146
450	222	330	330	114	615	565	532	20-Φ26	475	815	152	240	600	D型(type)	260	226	180
500	229	350	350	127	670	620	585	20-Φ26	525	905	168	300	600	D型(type)	337	286	229
600	267	390	390	154	780	725	685	20-Φ30	610	1050	320	192	600	D型(type)	551	434	347
700	292	430	430	165	895	840	800	24-Φ30	795	1276	237	192	350	DA型(type)	905	769	615
800	318	470	470	190	1015	950	905	24-Φ34	837	1384	237	168	350	DA型(type)	1221	1038	830
900	330	510	510	203	1115	1050	1005	28-Φ34	885	1500	237	168	350	DA型(type)	1576	1339	1071
1000	410	550	550	216	1230	1160	1115	28-Φ36	946	1620	785	30	450	DB型(type)	2090	1716	1419
1200	470	630	630	254	1455	1380	1325	32-Φ42	1165	2185	785	30	450	DB型(type)	2227	1977	1845
1400	530	710	710	297	1675	1590	1525	36-Φ42	1310	2315	785	30	450	DB型(type)	2396	2182	1950
1600	600	790	790	318	1915	1820	1750	40-Φ48	1440	2675	785	30	450	DB型(type)	3748	3204	2920
1800	670	870	870	356	2115	2020	1950	44-Φ48	1580	2920	865	50	600	DC型(type)	4491	4090	3800
2000	760	950	950	406	2325	2230	2160	48-Φ48	1725	3170	865	50	600	DC型(type)	6154	5607	5200
2200	590				2550	2440	2330	52-Φ56	1850						8031	7459	-
2400	650				2760	2650	2530	56-Φ56	1970						10046	9532	-
2600	700				2960	2850	2740	60-Φ56	2120						11310	10854	-
2800	760				3180	3070	2940	64-Φ56	2240						14400	13698	-
3000	810				3405	3290	3150	68-Φ62	2360						15420	14725	-
3200	880				3630	3510	3360	72-Φ62	2500						18200	-	-
3400	950				3850	3730	3570	76-Φ62	2620						22500	-	-

蜗轮传动蝶阀 WD34(6、7)1(2、3、4、5)F(X、H、W、Y)
WORM DRIVEN BUTTERFLY VALVE



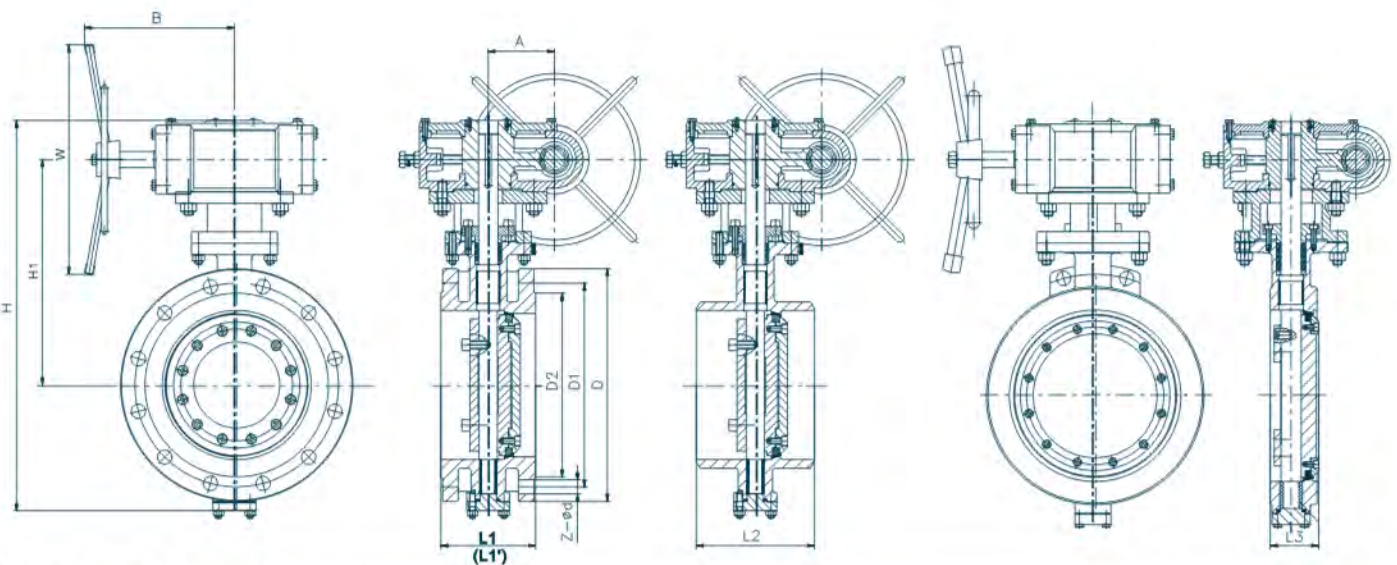
主要外形尺寸 Main Size of outside														PN1.6MPa			
DN(mm)	L1	L1'	L2	L3	D	D1	D2	Z-φd	H1	H	A	B	W	蜗轮传动装置 Worm device	Kg(L1, L1')	Kg(L2)	Kg(L3)
65	112	170	170	46	180	145	120	4-Φ18	175	290	140	63	160	O型(type)	25	22	18
80	114	180	180	49	195	160	135	8-Φ18	185	320	140	63	160	O型(type)	30	27	22
100	127	190	190	56	215	180	155	8-Φ18	195	342	140	63	160	O型(type)	38	32	29
125	140	200	200	64	245	210	185	8-Φ18	209	365	140	63	300	A型(type)			
150	140	210	210	70	280	240	210	8-Φ23	243	415	140	63	300	A型(type)	48	40	32
200	152	230	230	71	340	295	265	12-Φ23	263	510	150	84	400	B型(type)	90	77	62
250	165	250	250	76	405	355	320	12-Φ26	295	567	150	84	400	B型(type)	114	96	93
300	178	270	270	83	460	410	375	12-Φ26	342	665	200	108	600	C型(type)	148	125	99
350	190	290	290	92	520	470	435	16-Φ26	385	739	200	108	600	C型(type)	183	155	131
400	216	310	310	102	580	525	485	16-Φ30	430	825	240	152	600	C型(type)	215	183	146
450	222	330	330	114	640	585	545	20-Φ30	469	910	240	152	800	D型(type)	260	226	180
500	229	350	350	127	715	650	608	20-Φ34	500	990	300	168	800	D型(type)	337	286	229
600	267	390	390	154	840	770	718	20-Φ36	618	1210	320	192	800	D型(type)	551	434	347
700	292	430	430	165	910	840	788	24-Φ36	746	1475	237	138	400	DA型(type)	905	769	615
800	318	470	470	190	1025	950	898	24-Φ39	810	1600	237	138	400	DA型(type)	1221	1038	830
900	330	510	510	203	1125	1050	998	28-Φ39	1000	1870	785	30	400	DA型(type)	1576	1339	1071
1000	410	550	550	216	1255	1170	1110	28-Φ42	1065	2000	785	30	600	DB型(type)	2090	1716	1419
1200	470	630	630	254	1485	1390	1325	32-Φ48	1170	2215	785	30	600	DB型(type)	2227	1977	1845
1400	530	710	710	297	1685	1590	1525	36-Φ48	1319	2430	865	50	800	DC型(type)	2396	2182	1950
1600	600	790	790	318	1930	1820	1750	40-Φ55	1443	2700	865	50	800	DC型(type)	3748	3204	2920
1800	670	870	870	356	2130	2020	1950	44-Φ55	1595	2938	865	50	800	DD型(type)	4491	4090	3800
2000	760	950	950	406	2345	2230	2150	48-Φ60	1743	3210	865	50	800	DD型(type)	6154	5607	5200

蜗轮传动蝶阀 WD34(6、7)1(2、3、4、5)F(X、H、W、Y)
WORM DRIVEN BUTTERFLY VALVE



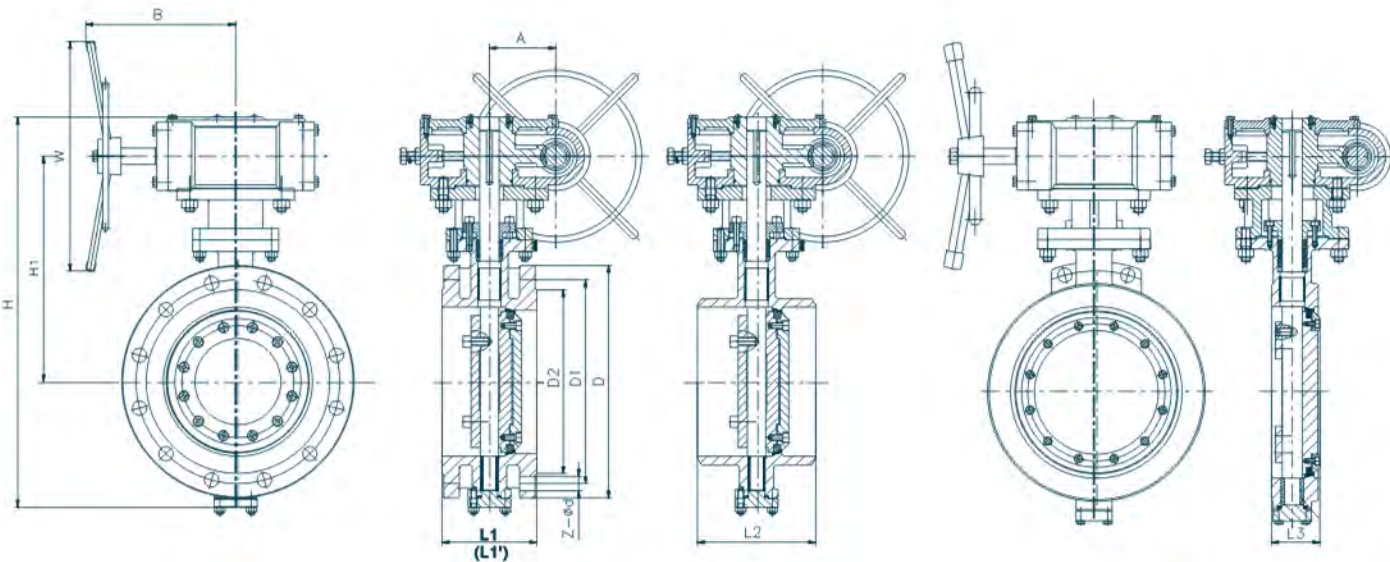
主要外形尺寸 Main Size of outside															PN2.5、4.0MPa			
PN(MPa)	DN(mm)	L1	L1'	L2	L3	D	D1	D2	Z-Φd	H1	H	A	B	W	蜗轮传动装置 Worm device	Kg(L1)	Kg(L1', L2)	Kg(L3)
2.5	80	114	180	180	49	195	160	135	8-Φ18	185	320	140	63	160	O型(type)	30	27	22
	100	127	190	190	56	230	190	160	8-Φ23	200	350	140	63	300	A型(type)	38	32	29
	125	140	200	200	64	270	220	188	8-Φ26	210	375	140	63	300	A型(type)			
	150	140	210	210	70	300	250	218	8-Φ26	245	425	140	63	400	B型(type)	48	40	32
	200	152	230	230	71	360	310	278	12-Φ26	270	526	150	84	400	B型(type)	90	77	62
	250	165	250	250	76	425	370	332	12-Φ30	302	590	150	84	600	C型(type)	114	96	93
	300	178	270	270	83	485	430	390	16-Φ30	360	695	200	108	600	C型(type)	148	125	99
	350	190	290	290	92	555	490	448	16-Φ34	420	789	240	108	600	C型(type)	183	155	131
	400	216	310	310	102	620	550	505	16-Φ36	435	848	240	128	800	D型(type)	215	183	146
	450	222	330	330	114	670	600	555	20-Φ36	475	943	300	152	800	D型(type)	260	226	180
	500	229	350	350	127	730	660	610	20-Φ36	550	1079	320	168	800	D型(type)	337	286	229
	600	267	390	390	154	845	770	718	20-Φ41	675	1352	237	192	400	DA型(type)	551	434	347
	700	292	430	430	165	960	875	815	24-Φ42	759	1495	237	685	400	DA型(type)	905	769	615
	800	318	470	470	190	1085	990	930	24-Φ48	835	1640	237	685	400	DA型(type)	1221	1038	830
900	330	510	510	203	1185	1090	1025	28-Φ48	886	1765	785	30	600	DB型(type)	1576	1339	1071	
1000	410	550	550	216	1320	1210	1140	28-Φ58	945	1885	785	30	600	DB型(type)	2090	1716	1419	
1200	470	630	630	254	1520	1420	1350	32-Φ58	1055	2100	865	50	800	DC型(type)	2227	1977	1845	
1400	530	710	710	279	1755	1640	1560	36-Φ65	1163	2325	865	50	800	DC型(type)	2396	2182	1950	
4.0	80	180	-	180	49	200	160	135	8-Φ18	245	395	140	63	300	A型(type)	32	27	24
	100	190	-	190	56	235	190	160	8-Φ23	205	356	140	63	400	B型(type)	40	34	29
	125	200	-	200	64	270	220	188	8-Φ26	213	375	140	63	400	B型(type)	48	41	36
	150	210	-	210	70	300	250	218	8-Φ26	260	439	150	84	600	C型(type)	51	43	70
	200	230	-	230	71	375	320	282	12-Φ30	275	520	150	84	600	C型(type)	95	81	95
	250	250	-	250	76	450	385	345	12-Φ34	315	600	200	108	600	C型(type)	120	102	112
	300	270	-	270	83	515	450	408	16-Φ34	365	692	200	108	800	D型(type)	156	132	142
	350	290	-	290	127	580	510	465	16-Φ36	408	776	240	152	800	D型(type)	193	164	162
	400	310	-	310	140	660	585	535	16-Φ41	443	864	300	168	800	D型(type)	227	193	198
	500	350	-	350	170	755	670	612	20-Φ42	525	1128	168	237	400	DA型(type)	355	330	378
600	390	-	390	200	890	795	730	20-Φ48	664	1257	168	237	400	DA型(type)	538	460	654	

蜗轮传动蝶阀 WD34(6、7)1(2、3、4、5)F(X、H、W、Y)
WORM DRIVEN BUTTERFLY VALVE



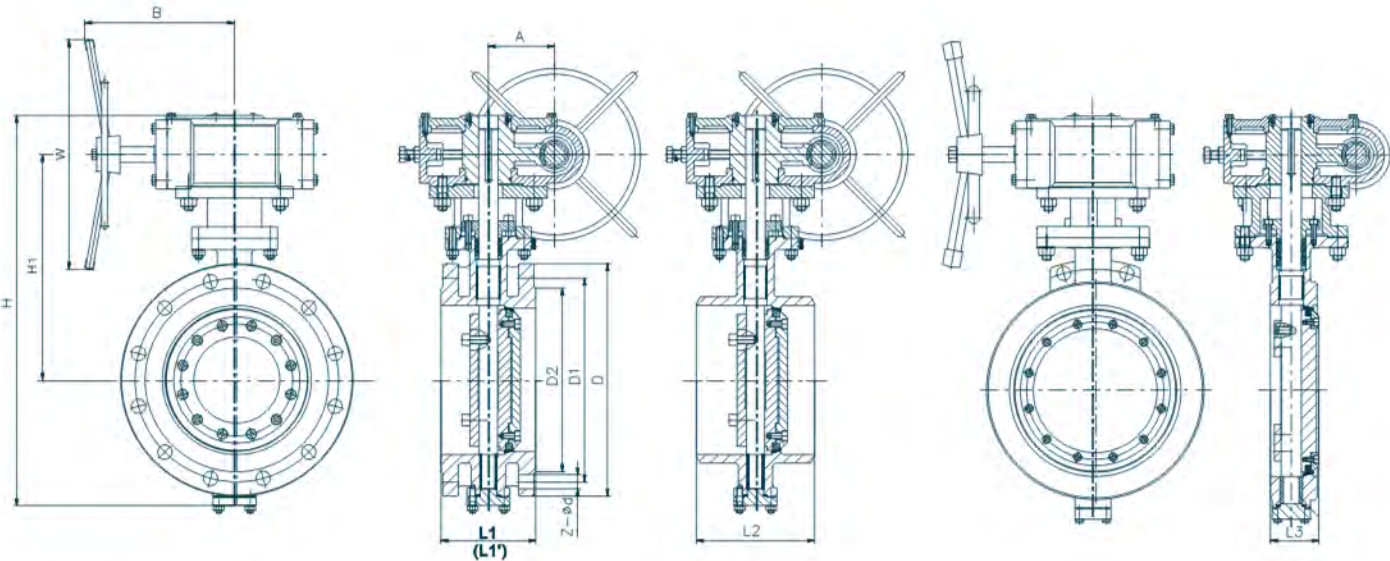
主要外形尺寸 Main Size of outside															PN6.4、10.0MPa		
PN(MPa)	DN(mm)	L1	L2	L3	D	D1	D2	Z-φd	H1	H	A	B	W	蜗轮传动装置 Worm device	Kg(L1)	Kg(L2)	Kg(L3)
6.4	80	180	180	70	215	170	140	8-Φ23	192	388	140	63	400	B型(type)	32	27	24
	100	190	190	76	250	200	168	8-Φ26	205	395	140	63	400	B型(type)	40	34	29
	125	200	200	86	295	240	202	8-Φ30	225	420	150	84	600	C型(type)	48	41	36
	150	210	210	100	345	280	240	8-Φ34	265	498	200	108	600	C型(type)	51	43	70
	200	230	230	116	405	345	300	12-Φ36	292	540	240	152	600	C型(type)	95	81	102
	250	250	250	128	470	400	352	12-Φ36	328	638	300	168	800	D型(type)	120	102	112
	300	270	270	150	530	460	412	16-Φ36	372	725	320	192	800	D型(type)	156	132	142
	350	290	290	165	600	525	475	16-Φ41	418	800	168	237	800	D型(type)	193	164	162
	400	310	310	175	670	585	525	16-Φ42	450	890	168	237	400	DA型(type)	227	193	198
	500	350	350	195	800	705	640	20-Φ48	624	1158	168	237	400	DA型(type)	355	330	378
	600	390	390	215	930	820	750	20-Φ58	678	1580	168	237	400	DA型(type)	538	460	654
	80	180	180	85	230	180	148	8-Φ26	250	500	140	63	400	B型(type)	32	27	24
	100	190	190	90	265	210	172	8-Φ30	340	595	140	63	600	C型(type)	40	34	29
	125	200	200	100	315	250	210	8-Φ34	395	680	200	108	600	C型(type)	48	41	36
10.0	150	210	210	120	355	290	250	12-Φ34	425	730	240	152	600	C型(type)	51	43	70
	200	230	230	138	430	380	312	12-Φ36	448	848	300	168	800	D型(type)	95	81	102
	250	250	250	152	505	430	382	12-Φ41	537	1000	320	192	800	D型(type)	120	102	112
	300	270	270	176	585	500	442	16-Φ42	615	1145	168	237	800	D型(type)	156	132	142
	350	290	290	182	665	560	498	16-Φ48	673	1200	168	237	400	DA型(type)	193	164	162
	400	310	310	204	715	620	558	16-Φ48	814	1345	168	237	400	DA型(type)	227	193	198
	500	350	350	232	870	760	615	20-Φ56	946	1506	275	333	600	DB型(type)	355	330	378
	600	390	390	248	990	875	735	20-Φ62	998	1618	275	333	600	DC型(type)	538	460	654

蜗轮传动蝶阀 WD34(6、7)1(2、3、4、5)F(X、H、W、Y)
WORM DRIVEN BUTTERFLY VALVE



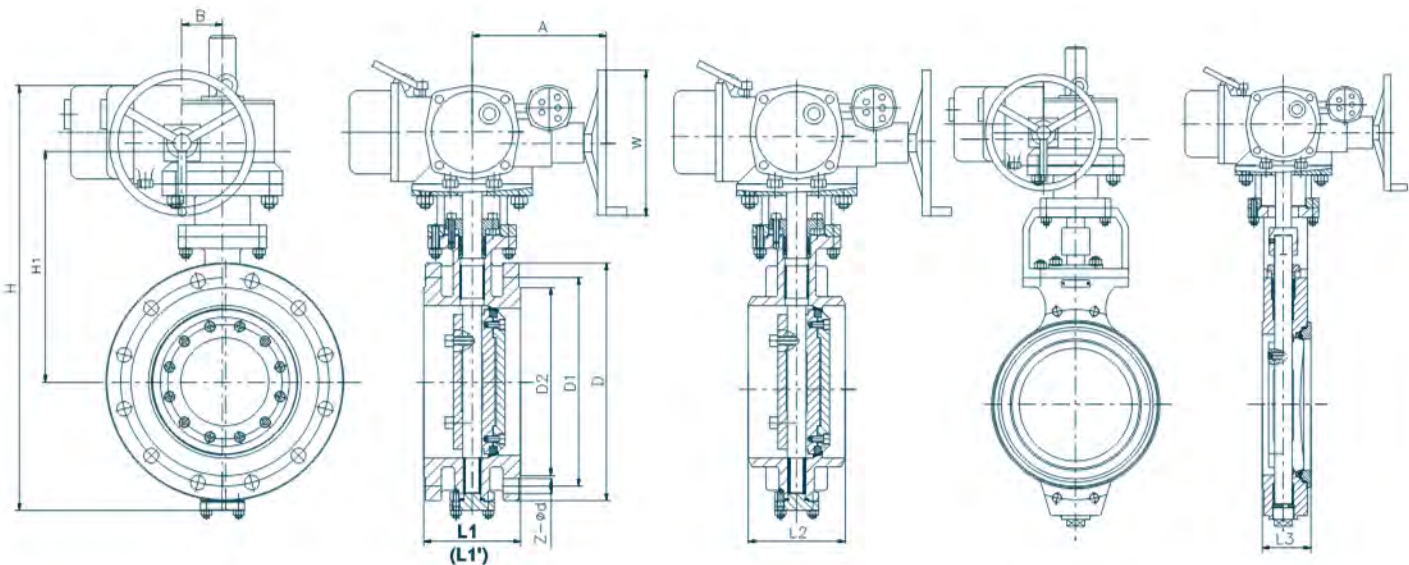
主要外形尺寸 Main Size of outside													Class 150			
NPS(in)	L1	L2	L3	D	D1	D2	Z-φd	H1	H	A	B	W	蜗轮传动装置 Worm device	Kg(L1)	Kg(L2)	Kg(L3)
3	114	114	48	190	152.5	127	4-Φ19	185	320	140	63	160	O型(type)	30	27	22
4	127	127	54	229	190.5	157	8-Φ19	195	342	140	63	160	O型(type)	38	32	29
5	140	140	55	254	216	186	8-Φ22	209	365	140	63	300	A型(type)	42	40	30
6	140	140	57	279	241.5	216	8-Φ22	243	415	140	63	300	A型(type)	48	40	32
8	152	152	64	343	298.5	270	8-Φ22	263	510	150	84	400	B型(type)	90	77	62
10	165	165	71	406	362	324	12-Φ25	295	567	150	84	400	B型(type)	114	96	93
12	178	178	81	483	432	381	12-Φ25	342	665	200	108	600	C型(type)	148	125	99
14	190	190	92	533	476	413	12-Φ29	385	739	200	108	600	C型(type)	183	155	131
16	216	216	102	597	540	470	16-Φ29	430	825	240	152	600	C型(type)	215	183	146
18	222	222	114	635	578	533	16-Φ32	469	910	240	152	800	D型(type)	266	226	180
20	229	229	127	699	635	584	20-Φ32	500	990	300	168	800	D型(type)	337	286	229
24	267	267	154	813	749.5	692	20-Φ35	618	1210	320	192	800	D型(type)	511	434	347
28	292	292	229	937	846	794	28-Φ35	746	1475	237	168	400	DA型(type)	905	769	615
32	318	318	241	1060	978	908	28-Φ41	810	1600	237	168	400	DA型(type)	1221	1038	830
34	330	330	241	1168	1086	1022	32-Φ41	875	1728	237	168	400	DA型(type)	1576	1339	1071
40	410	410	300	1346	1257	1194	36-Φ41	965	1900	237	168	600	DB型(type)	2090	1776	1419

蜗轮传动蝶阀 WD34(6、7)1(2、3、4、5)F(X、H、W、Y)
WORM DRIVEN BUTTERFLY VALVE



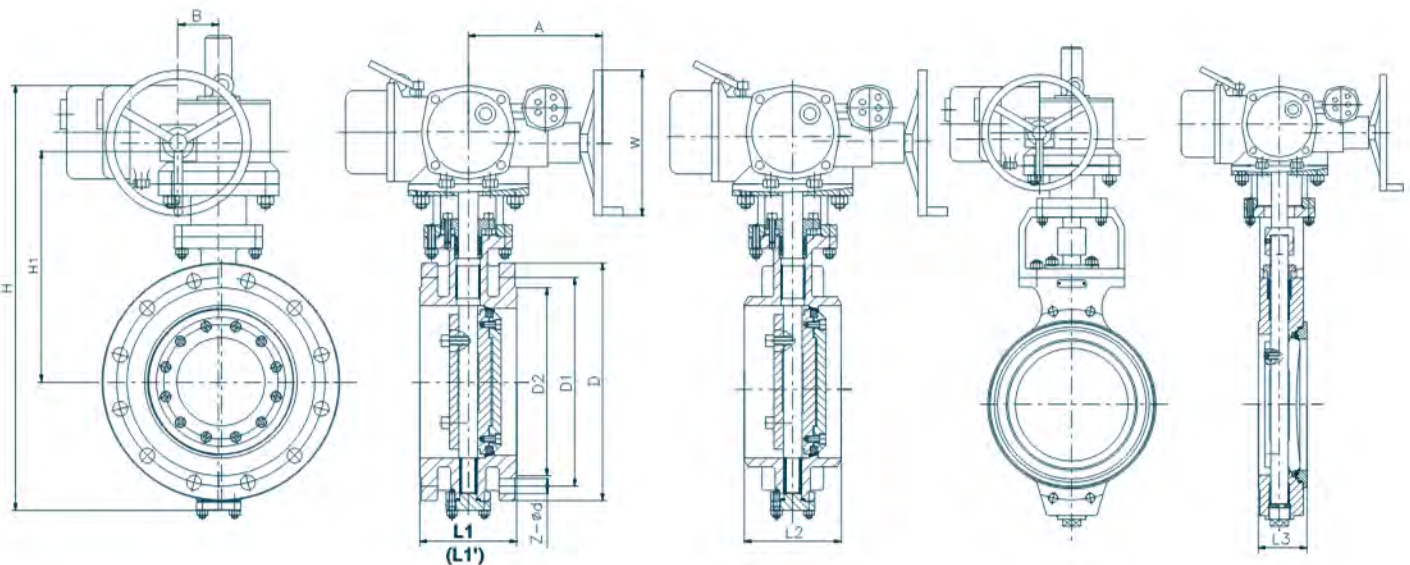
主要外形尺寸 Main Size of outside														Class300、600			
Calss	NPS(in)	L1	L2	L3	D	D1	D2	Z-Φd	H1	H	A	B	W	蜗轮传动装置 Worm device	Kg(L1)	Kg(L2)	Kg(L3)
300	3	180	180	48	210	168.5	127	8-Φ22	241	395	140	63	300	A型(type)	27	32	24
	4	190	190	54	254	200	157	8-Φ22	205	355	140	63	400	B型(type)	34	40	29
	5	200	200	55	279	235	186	8-Φ22	215	378	140	63	400	B型(type)	48	58	50
	6	210	210	59	318	270	216	12-Φ22	260	430	150	84	600	C型(type)	51	85	70
	8	230	230	73	381	330	270	12-Φ25	273	523	150	84	600	C型(type)	95	108	102
	10	250	250	83	445	387-5	324	16-Φ29	315	600	200	108	600	D型(type)	120	120	112
	12	270	270	92	521	451	381	16-Φ32	362	693	200	108	800	D型(type)	150	156	142
	14	290	290	117	584	514.5	413	20-Φ32	405	772	240	152	800	D型(type)	193	193	162
	16	310	310	133	648	571.5	470	20-Φ35	440	862	300	168	800	DA型(type)	251	227	198
	18	330	330	149	711	628.5	533	24-Φ35	525	960	320	192	400	DA型(type)	330	280	251
	20	350	350	159	775	686	584	24-Φ35	603	1158	168	237	400	DA型(type)	460	378	355
	24	390	390	181	914	813	692	24-Φ41	693	1320	168	237	300	A型(type)	830	654	538
600	3	180	180	54	210	168	127	8-Φ22	250	500	140	63	400	B型(type)	27	32	24
	4	190	190	64	273	216	157	8-Φ25	340	595	140	63	600	C型(type)	34	40	29
	5	200	200	70	330	266.5	186	8-Φ29	395	680	200	108	600	C型(type)	48	58	50
	6	210	210	78	356	292	216	12-Φ19	423	730	240	152	600	C型(type)	51	85	70
	8	230	230	102	419	349	270	12-Φ32	445	855	300	168	800	D型(type)	95	108	102
	10	250	250	117	508	432	324	16-Φ35	536	1002	320	192	800	D型(type)	120	120	112
	12	270	270	140	559	489	381	20-Φ35	614	1150	168	237	800	D型(type)	150	156	142
	14	290	290	155	603	527	413	20-Φ38	674	1200	168	237	400	DA型(type)	193	193	162
16	310	310	178	666	603	470	20-Φ41	823	1345	168	237	400	DA型(type)	251	227	198	

电动蝶阀 WD94(6、7)1(2、3、4、5)F(X、H、W、Y)
 MOTOR DRIVEN BUTTERFLY VALVE



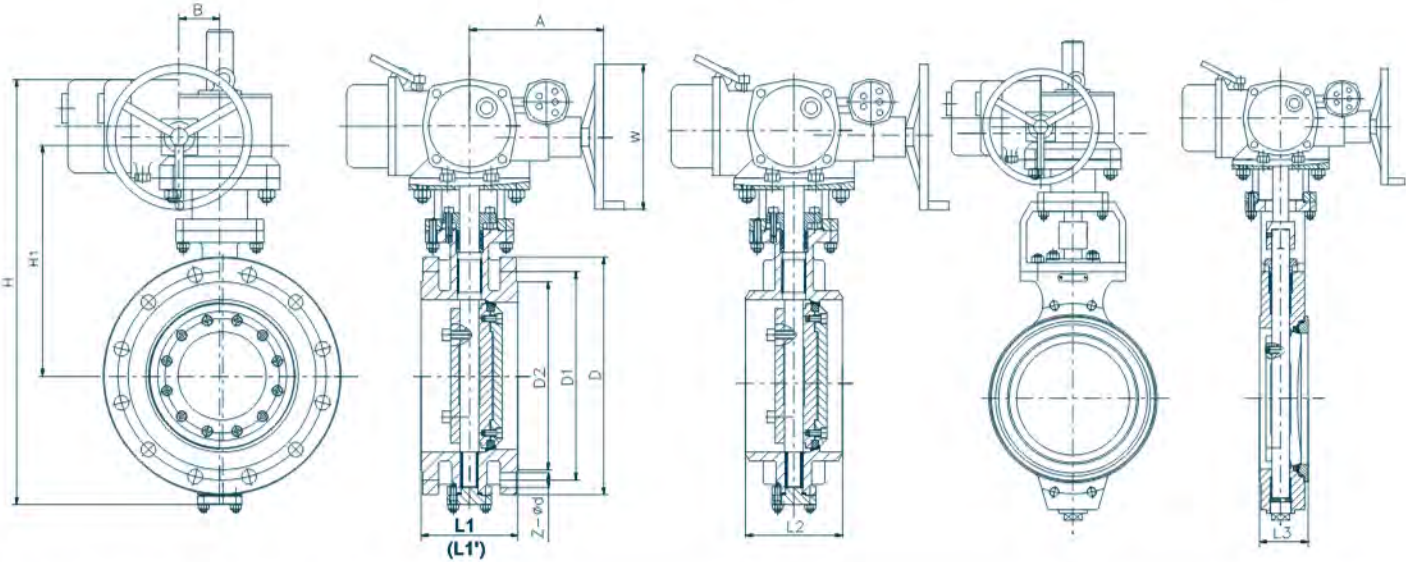
主要外形尺寸 Main Size of outside															PN0.6MPa		
DN(mm)	L1	L1'	L2	L3	D	D1	D2	Z-Φd	H1	H	A	B	W	电动装置 Electric device	Kg(L1, L1')	Kg(L2)	Kg(L3)
80	114	180	180	49	190	150	125	4-Φ18	185	320	180	178	-	DQW10-1	78	72	65
100	127	190	190	56	210	170	145	4-Φ18	198	340	180	178	-	DQW20-1	85	82	79
150	140	210	210	70	265	225	200	8-Φ18	241	415	180	178	-	DQW20-1	100	96	93
200	152	230	230	71	320	280	255	8-Φ18	263	512	370	235	365	DZW10	107	102	99
250	165	250	250	76	375	335	310	12-Φ18	292	570	370	235	365	DZW10	134	124	123
300	178	270	270	83	440	395	362	12-Φ23	340	668	370	235	365	DZW20(I)	181	172	166
350	190	290	290	92	490	445	412	12-Φ23	385	745	370	235	365	DZW20(I)	222	215	204
400	216	310	310	102	540	495	462	16-Φ23	425	8027	370	235	365	DZW30(I)	262	252	241
450	222	330	330	114	595	550	518	16-Φ23	462	915	370	235	365	DZW30(I)	355	340	327
500	229	350	350	127	645	600	568	16-Φ23	500	995	370	235	365	DZW30(I)	404	385	360
600	267	390	390	154	755	705	670	20-Φ26	605	1183	515	245	470	DZW60	607	560	541
700	292	430	430	165	860	810	775	24-Φ26	734	1460	515	245	470	DZW60	1084	1020	969
800	318	470	470	190	975	920	880	24-Φ30	803	1589	515	245	470	DZW60	1481	1320	1235
900	330	510	510	203	1075	1020	980	24-Φ30	990	1856	540	360	550	DZW90(I)	1876	1700	1676
1000	410	550	550	216	1175	1120	1080	28-Φ30	1050	1958	540	360	550	DZW90(I)	2266	2210	2204
1200	470	630	630	254	1405	1340	1295	32-Φ34	1165	2013	540	360	550	DZW120(I)	3360	3120	2864
1400	530	710	710	297	1630	1560	1510	36-Φ36	1312	2186	540	360	550	DZW120(I)	4027	3800	3341
1600	600	790	790	318	1830	1760	1710	40-Φ36	1438	2531	565	385	320	DZW250	5910	5100	4486
1800	670	870	870	356	2045	1970	1918	44-Φ39	1580	2795	565	385	320	DZW250	6590	6100	5186
2000	760	950	950	406	2265	2180	2125	48-Φ42	1726	3055	770	300	570	DZW500	8950	7900	6327
2200	760		1000		2475	2390	2335	52-Φ42	1845	3415	1570	300	570		9500	7970	
2400	760		1100		2685	2600	2545	56-Φ42	1972	3670	1670	300	600		11825	11250	
2600	760		1200		2905	2810	2750	68-Φ48	2100	3830	1670	300	600		12106		
2800	760		1300		3115	3020	2960	64-Φ48	2235	4100	1670	300	600		15380		
3000	760		1400		3315	3220	3160	60-Φ48	2675	4380	1670	300	600		16495		

电动蝶阀 WD94(6、7)1(2、3、4、5)F(X、H、W、Y)
 MOTOR DRIVEN BUTTERFLY VALVE



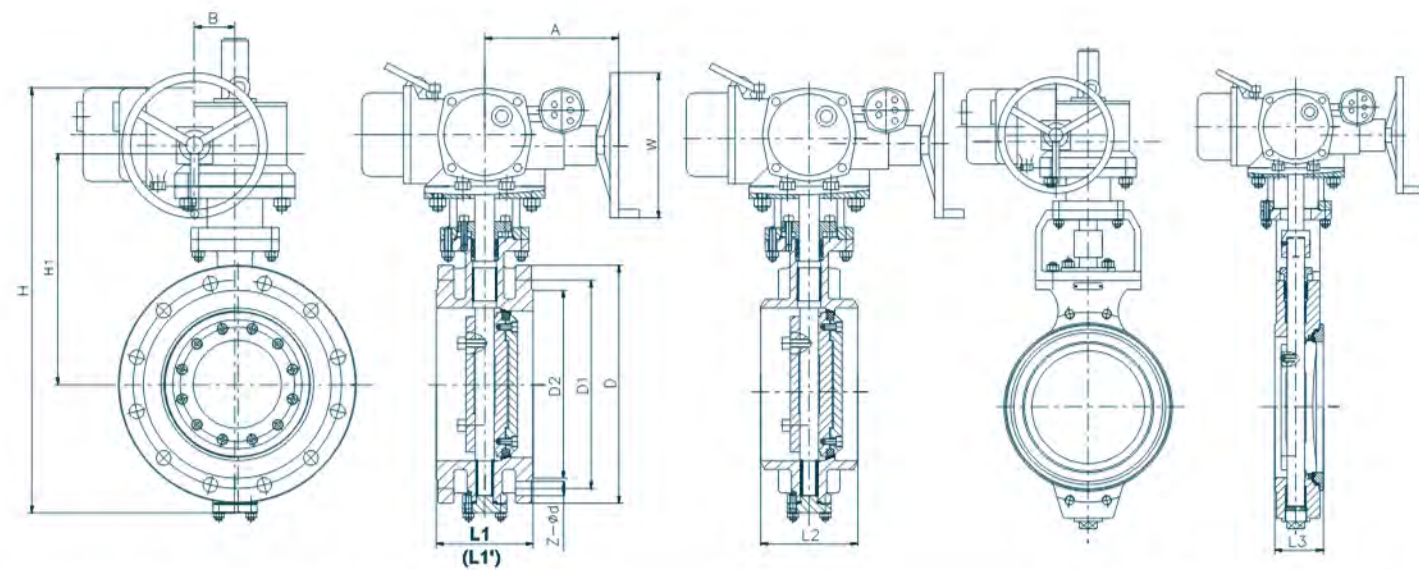
主要外形尺寸 Main Size of outside															PN1.0MPa		
DN(mm)	L1	L1'	L2	L3	D	D1	D2	Z-Φd	H1	H	A	B	W	电动装置 Electric device	Kg(L1)	Kg(L1', L2)	Kg(L3)
80	114	180	180	49	200	160	135	4-Φ18	185	320	180	178	-	DQW10-1	78	72	65
100	127	190	190	56	220	180	155	8-Φ18	198	340	180	178	-	DQW10-1	85	82	79
125	140	200	200	64	250	210	185	8-Φ18	205	115	180	178	-	DQW20-1			
150	140	210	210	70	285	240	210	8-Φ23	241	415	180	178	-	DQW20-1	100	96	93
200	152	230	230	71	340	295	265	8-Φ23	263	512	370	235	365	DZW10	107	102	99
250	165	250	250	76	395	350	320	12-Φ23	292	570	370	235	365	DZW10	134	124	123
300	178	270	270	83	445	400	368	12-Φ23	340	668	370	235	365	DZW20(I)	181	172	166
350	190	290	290	92	505	460	428	16-Φ26	385	745	370	235	365	DZW20(I)	222	215	204
400	216	310	310	102	565	515	482	16-Φ26	425	827	370	235	365	DZW30(I)	262	252	241
450	222	330	330	114	615	565	532	20-Φ26	462	915	370	235	365	DZW30(I)	355	340	327
500	229	350	350	127	670	620	585	20-Φ26	500	995	370	235	365	DZW30(I)	404	385	360
600	267	390	390	154	780	725	685	20-Φ30	605	1183	515	245	470	DZW60	607	560	541
700	292	430	430	165	895	840	800	24-Φ30	734	1460	515	245	470	DZW60	1084	1020	969
800	318	470	470	190	1015	950	905	24-Φ34	803	1589	515	245	470	DZW60	1481	1320	1235
900	330	510	510	203	1115	1050	1005	28-Φ34	990	1856	540	360	550	DZW90(I)	1876	1700	1676
1000	410	550	550	216	1230	1160	1115	28-Φ36	1050	1958	540	360	550	DZW90(I)	2266	2210	2204
1200	470	630	630	254	1455	1380	1325	32-Φ41	1165	2013	540	360	550	DZW120(I)	3360	3120	2864
1400	530	710	710	279	1675	1590	1525	36-Φ42	1312	2186	540	360	550	DZW120(I)	4027	3800	3341
1600	600	790	790	318	1915	1820	1750	40-Φ48	1438	2531	565	385	320	DZW250	5910	5100	4486
1800	670	870	870	356	2115	2020	1950	44-Φ48	1580	2795	565	385	320	DZW250	6590	6100	5186
2000	760	950	950	406	2325	2230	2160	48-Φ48	1726	3055	770	300	570	DZW500	8950	7900	6327

电动蝶阀 WD94(6、7)1(2、3、4、5)F(X、H、W、Y)
 MOTOR DRIVEN BUTTERFLY VALVE



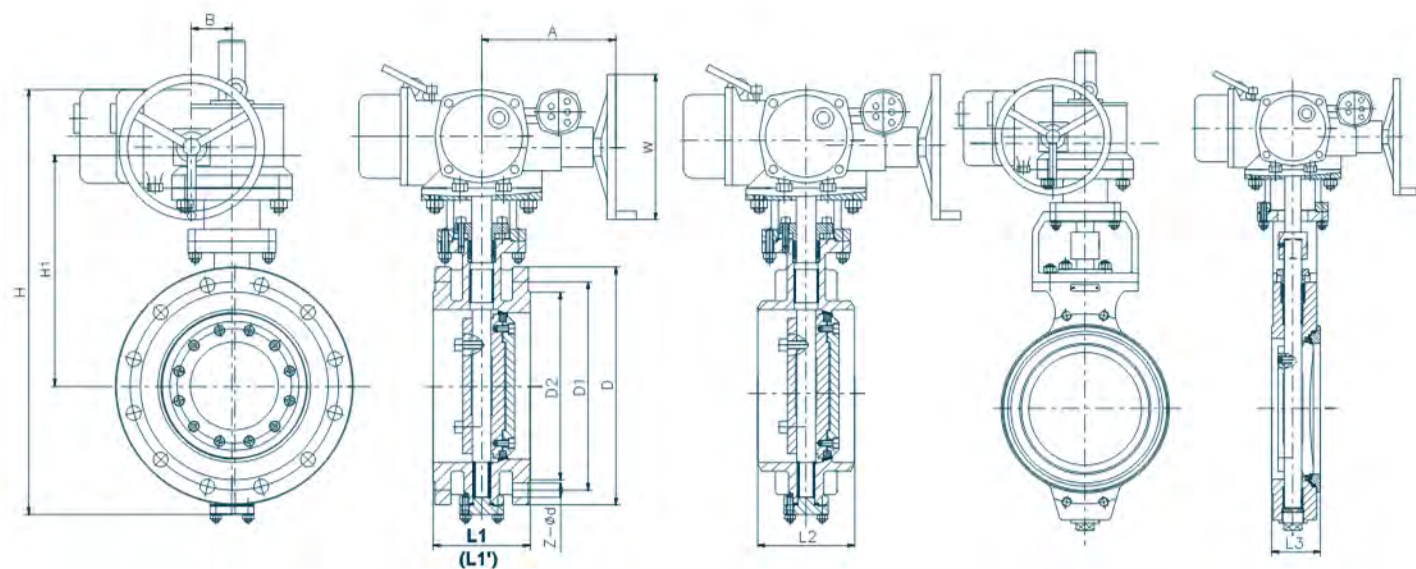
主要外形尺寸 Main Size of outside															PN1.6MPa		
DN(mm)	L1	L1'	L2	L3	D	D1	D2	Z-Φd	H1	H	A	B	W	电动装置 Electric device	Kg(L1)	Kg(L1', L2)	Kg(L3)
80	114	180	180	49	195	160	135	4-Φ18	265	513	180	178	—	DQW10-1	78	72	65
100	127	190	190	56	215	180	155	8-Φ18	282	538	180	178	—	DQW20-1	85	82	79
125	140	200	200	64	245	210	185	8-Φ18	295	560	180	178	—	DQW20-1			
150	140	210	210	70	280	240	210	8-Φ23	300	605	180	178	—	DQW20-1	100	96	93
200	152	230	230	71	340	295	265	12-Φ23	321	749	370	235	365	DZW10	107	102	99
250	165	250	250	76	405	355	320	12-Φ26	330	803	370	235	365	DZW10	134	124	123
300	178	270	270	83	460	410	375	12-Φ26	365	880	370	235	365	DZW20(I)	181	172	166
350	190	290	290	92	520	470	435	16-Φ26	410	960	370	235	365	DZW20(I)	222	215	204
400	216	310	310	102	580	525	485	16-Φ30	445	1032	370	235	365	DZW20(I)	262	252	241
450	222	330	330	114	640	585	545	20-Φ30	487	1118	370	235	365	DZW30(I)	355	340	327
500	229	350	350	127	715	650	608	20-Φ34	520	1190	370	235	365	DZW30(I)	404	385	360
600	267	390	390	154	840	770	718	20-Φ36	625	1380	370	235	365	DZW30(I)	607	560	541
700	292	430	430	165	910	840	788	24-Φ36	745	1582	515	245	470	DZW60	1084	1020	969
800	318	470	470	190	1025	950	898	24-Φ41	810	1713	515	245	470	DZW60	1481	1320	1235
900	330	510	510	203	1125	1050	998	28-Φ41	875	1870	540	360	550	DZW90(I)	1876	1700	1676
1000	410	550	550	216	1255	1170	1110	28-Φ42	940	2000	540	360	550	DZW90(I)	2266	2210	2204
1200	470	630	630	254	1485	1390	1325	32-Φ48	1060	2118	540	360	550	DZW120(I)	3360	3120	2864
1400	530	710	710	279	1685	1590	1525	36-Φ48	1325	2328	565	385	320	DZW250	4027	3800	3341
1600	600	790	790	318	1930	1820	1750	40-Φ55	1450	2550	565	385	320	DZW250	5910	5100	4486
1800	670	870	870	356	2130	2020	1950	44-Φ55	1598	2816	770	300	570	DZW500	6590	6100	5186
2000	760	950	950	406	2345	2230	2150	48-Φ60	1743	3065	794	684	500	DZW800	8950	7900	6327

电动蝶阀 WD94(6、7)1(2、3、4、5)F(X、H、W、Y)
 MOTOR DRIVEN BUTTERFLY VALVE



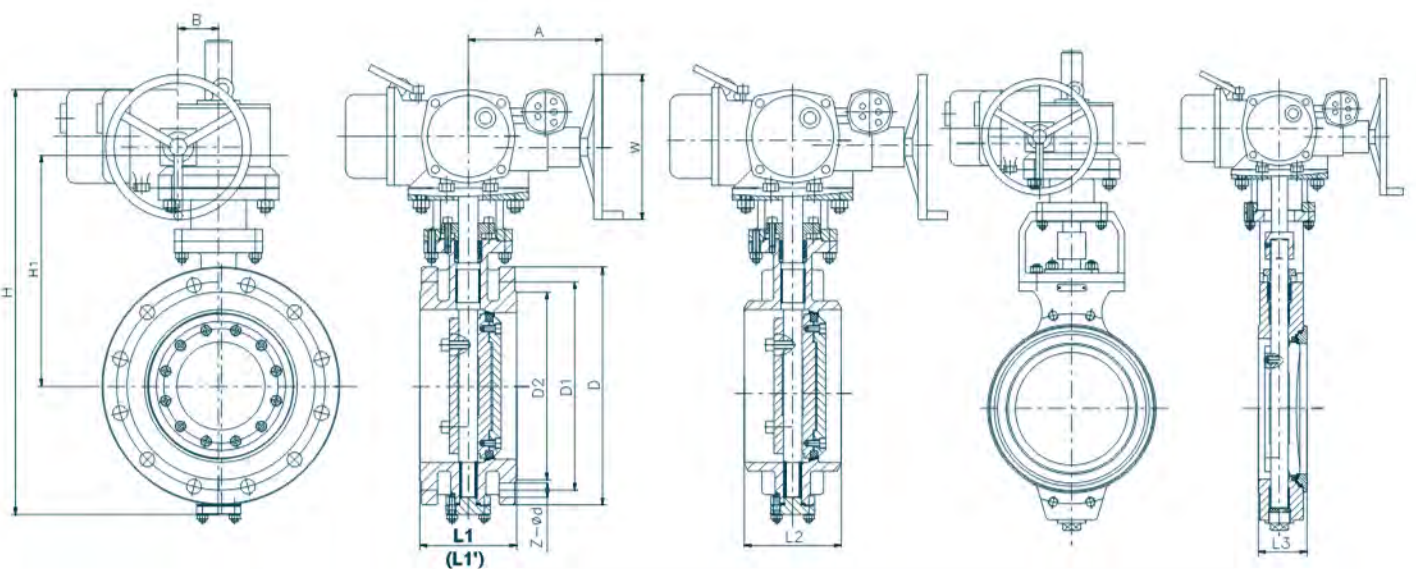
主要外形尺寸 Main Size of outside															PN2.5、4.0MPa			
PN(MPa)	DN(mm)	L1	L1'	L2	L3	D	D1	D2	Z-Φd	H1	H	A	B	W	电动装置 Electric device	Kg(L1)	Kg(L1', L2)	Kg(L3)
2.5	80	114	180	180	49	195	160	135	8-Φ18	265	552	180	178	-	DQW20-1	78	72	65
	100	127	190	190	56	230	190	160	8-Φ23	290	585	180	178	-	DQW20-1	85	82	79
	125	140	200	200	64	270	220	188	8-Φ26	305	610	180	178	-	DQW20-1			
	150	140	210	210	70	300	250	218	8-Φ26	315	765	180	178	-	DQW20-1	100	96	93
	200	152	230	230	71	360	310	278	12-Φ26	304	820	370	235	365	DZW15	107	102	99
	250	165	250	250	76	425	370	332	12-Φ30	336	910	370	235	365	DZW15	134	124	123
	300	178	270	270	83	485	430	390	16-Φ30	386	1000	370	235	365	DZW30(I)	181	172	166
	350	190	290	290	92	555	490	448	16-Φ34	425	1055	370	235	365	DZW30(I)	222	215	204
	400	216	310	310	102	620	550	505	16-Φ36	456	1108	370	235	365	DZW30(I)	262	252	241
	450	222	330	330	114	670	600	555	20-Φ36	490	1140	370	235	365	DZW30(I)	355	340	327
	500	229	350	350	127	730	660	610	20-Φ36	552	1238	370	235	365	DZW30(I)	404	385	360
	600	267	390	390	154	845	770	718	20-Φ41	635	1399	515	245	470	DZW60	607	560	541
	700	292	430	430	165	960	875	815	24-Φ42	750	1611	540	360	550	DZW90(I)	1084	1020	969
	800	318	470	470	190	1085	990	930	24-Φ48	820	1782	540	360	550	DZW120(I)	1481	1320	1235
	900	330	510	510	203	1185	1090	1025	28-Φ48	886	1915	565	385	320	DZW250	1876	1700	1676
	1000	410	550	550	216	1320	1210	1140	28-Φ58	945	2040	565	385	320	DZW250	2266	2210	2204
1200	470	630	630	254	1520	1420	1350	32-Φ58	1053	2184	770	300	570	DZW500	3360	3120	2864	
1400	530	710	710	297	1755	1640	1560	36-Φ65	1164	2375	794	684	500	DZW800	4027	3800	3341	
4.0	80	180	-	180	49	200	160	135	8-Φ18	240	530	180	178	-	DQW20-1	95	84	75
	100	190	-	190	56	235	190	160	8-Φ23	205	555	180	178	-	DZW20-1	95	84	82
	125	200	-	200	64	270	220	188	8-Φ26	215	582	180	178	-	DZW30-1	105	98	92
	150	210	-	210	70	300	250	218	8-Φ26	260	609	370	235	365	DZW30(I)	108	100	94
	200	230	-	230	93	375	320	282	12-Φ30	275	755	370	235	365	DZW30(I)	195	105	160
	250	250	-	250	114	450	385	345	12-Φ34	315	818	370	235	365	DZW30(I)	268	130	196
	300	270	-	270	136	515	450	408	16-Φ34	363	912	515	245	470	DZW45(I)	376	175	277
	350	290	-	290	128	580	510	465	16-Φ36	406	983	515	245	470	DZW45(I)	472	145	355
	400	310	-	310	146	660	585	535	16-Φ41	440	1058	515	245	470	DZW60(I)	560	345	430
	500	350	-	350	186	755	670	612	20-Φ42	600	1245	540	360	550	DZW90	890	570	680
600	390	-	390	211	890	795	730	20-Φ48	663	1414	540	360	550	DZW120(I)	1078	1020	990	

电动蝶阀 WD94(6、7)1(2、3、4、5)F(X、H、W、Y)
 MOTOR DRIVEN BUTTERFLY VALVE



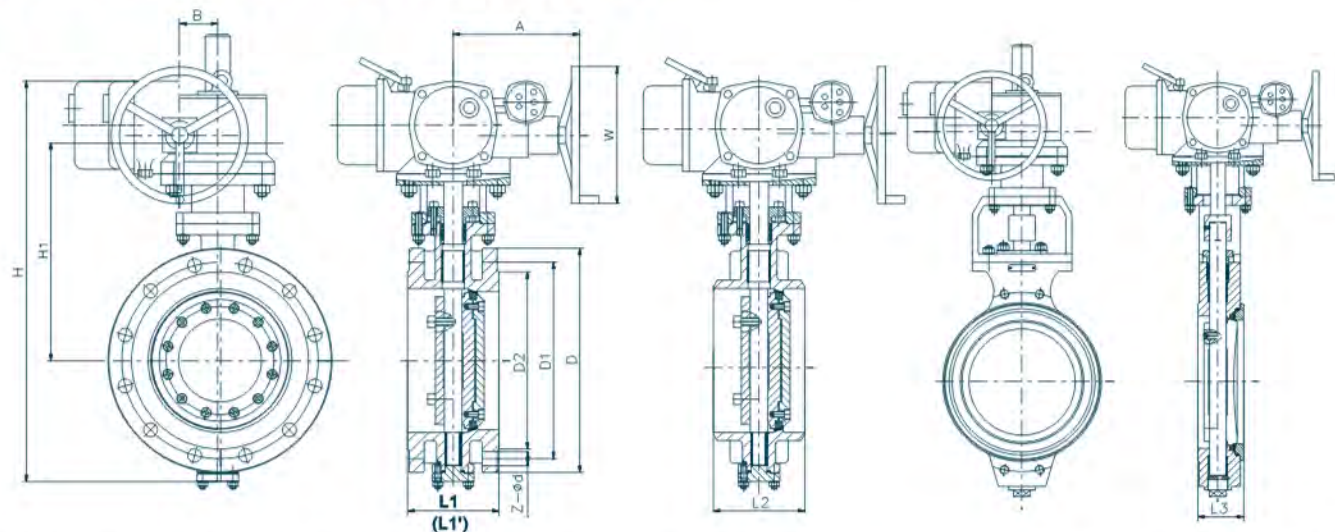
主要外形尺寸 Main Size of outside														PN6.4、10.0MPa			
PN(MPa)	DN(mm)	L1	L2	L3	D	D1	D2	Z-Φd	H1	H	A	B	W	电动装置 Electric device	Kg(L1)	Kg(L2)	Kg(L3)
6.4	80	180	180	70	215	170	140	8-Φ23	242	543	180	178	-	DQW20-1	95	84	75
	100	190	190	76	250	200	168	8-Φ26	204	578	180	178	-	DQW20-1	95	84	82
	125	200	200	86	295	240	202	8-Φ30	214	607	180	178	-	DQW30-1	105	98	92
	150	210	210	100	345	280	240	8-Φ34	259	659	370	235	365	DZW30(I)	108	100	94
	200	230	230	116	405	345	300	12-Φ36	285	795	370	235	365	DZW30(I)	195	105	160
	250	250	250	128	470	400	352	12-Φ36	325	885	370	235	365	DZW30(I)	268	130	196
	300	270	270	150	530	460	412	16-Φ36	375	1050	515	245	470	DZW45(I)	376	175	277
	350	290	290	165	600	525	475	16-Φ41	415	825	515	245	470	DZW45(I)	472	245	355
	400	310	310	175	670	585	525	16-Φ42	452	1205	515	245	470	DZW60(I)	560	365	430
	500	350	350	195	800	705	640	20-Φ48	625	1470	540	360	550	DZW90	890	570	680
600	390	390	215	930	820	750	20-Φ58	675	1582	540	360	550	DZW120(I)	1078	1020	990	
10.0	80	180	180	85	230	180	148	8-Φ26	108	608	180	178	-	DQW20-1	95	84	75
	100	190	190	90	265	210	172	8-Φ30	108	648	180	178	-	DQW20-1	95	84	82
	125	200	200	100	315	250	210	8-Φ34	120	692	180	178	-	DQW30-1	105	98	92
	150	210	210	120	355	290	250	12-Φ34	135	740	370	235	365	DZW30(I)	108	100	94
	200	230	230	138	430	380	312	12-Φ36	445	1058	370	235	365	DZW30(I)	195	105	160
	250	250	250	152	505	430	382	12-Φ41	536	1175	370	235	365	DZW30(I)	268	130	196
	300	270	270	176	585	500	442	16-Φ42	615	1390	515	245	470	DZW45(I)	376	175	277
	350	290	290	182	665	560	498	16-Φ48	675	1475	515	245	470	DZW60	472	245	355
	400	310	310	204	715	620	558	16-Φ48	820	1705	540	360	550	DZW90	560	365	430
	500	350	350	232	870	760	615	20-Φ56	946	1806	540	360	550	DZW120(I)	890	570	680
600	390	390	248	990	875	735	20-Φ62	998	1918	540	360	550	DZW120(I)	1078	1020	990	

电动蝶阀 WD94(6、7)1(2、3、4、5)F(X、H、W、Y)
 MOTOR DRIVEN BUTTERFLY VALVE



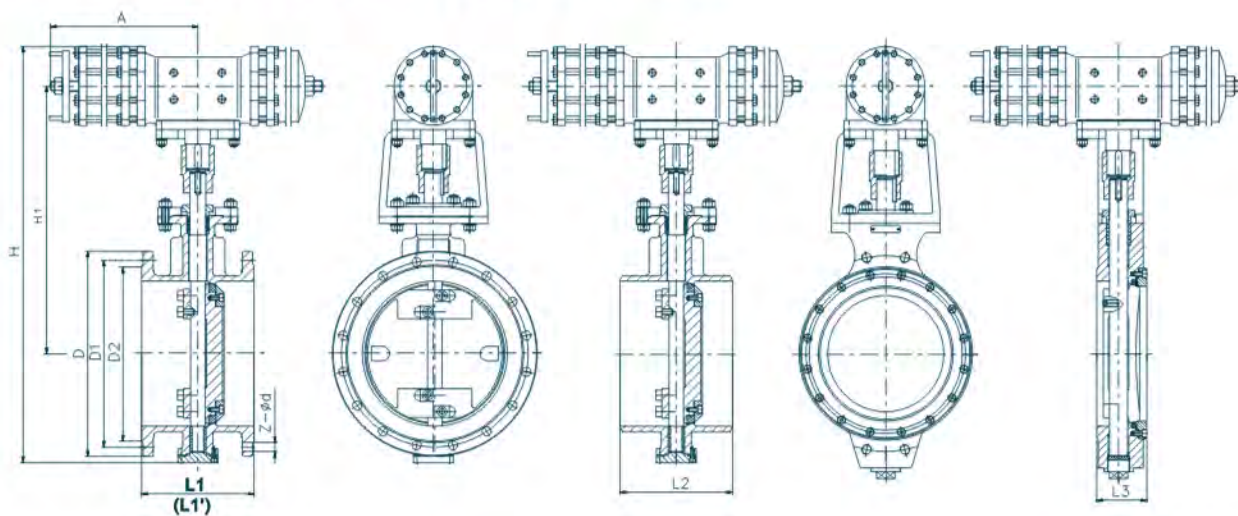
主要外形尺寸 Main Size of outside														Class150		
NPS(in)	L1	L2	L3	D	D1	D2	Z-φd	H1	H	A	B	W	电动装置 Electric device	Kg(L1)	Kg(L2)	Kg(L3)
3	114	114	48	190	152.5	127	4-Φ19	263	513	180	178	-	DQW10-1	78	72	65
4	127	127	54	229	190.5	157	8-Φ19	282	535	180	178	-	DQW20-1	85	82	79
5	140	140	55	254	216	186	8-Φ22	293	563	180	178	-	DQW20-1	98	91	93
6	140	140	57	279	241.5	216	8-Φ22	322	602	180	178	-	DQW20-1	100	96	95
8	152	152	64	343	298.5	270	8-Φ22	296	745	370	235	365	DZW10	107	98	99
10	165	165	70	406	362	324	12-Φ25	325	805	370	235	365	DZW10	134	122	123
12	178	178	81	483	432	381	12-Φ25	365	883	370	235	365	DZW20(I)	181	165	166
14	190	190	92	533	476	413	12-Φ29	408	965	370	235	365	DZW20(I)	222	202	204
16	216	216	102	597	540	470	16-Φ29	443	1033	370	235	365	DZW20(I)	262	239	241
18	222	222	114	635	578	533	16-Φ32	485	1120	370	235	365	DZW30(I)	355	296	327
20	229	229	127	699	635	584	20-Φ32	518	1186	370	235	365	DZW30(I)	404	368	360
24	267	267	154	813	749.5	692	20-Φ35	625	1380	370	235	365	DZW30(I)	607	552	541
28	292	292	229	937	846	794	28-Φ35	745	1587	515	245	470	DZW60	1084	986	969
32	318	318	241	1060	978	908	28-Φ41	810	1717	515	245	470	DZW60	1481	1347	1325
34	330	330	241	1168	1086	1022	32-Φ41	872	1874	540	360	550	DZW90(I)	1876	1706	1676
40	410	410	300	1346	1257	1194	36-Φ41	965	2030	540	360	550	DZW90(I)	2466	2242	2204

电动蝶阀 WD94(6、7)1(2、3、4、5)F(X、H、W、Y)
 MOTOR DRIVEN BUTTERFLY VALVE



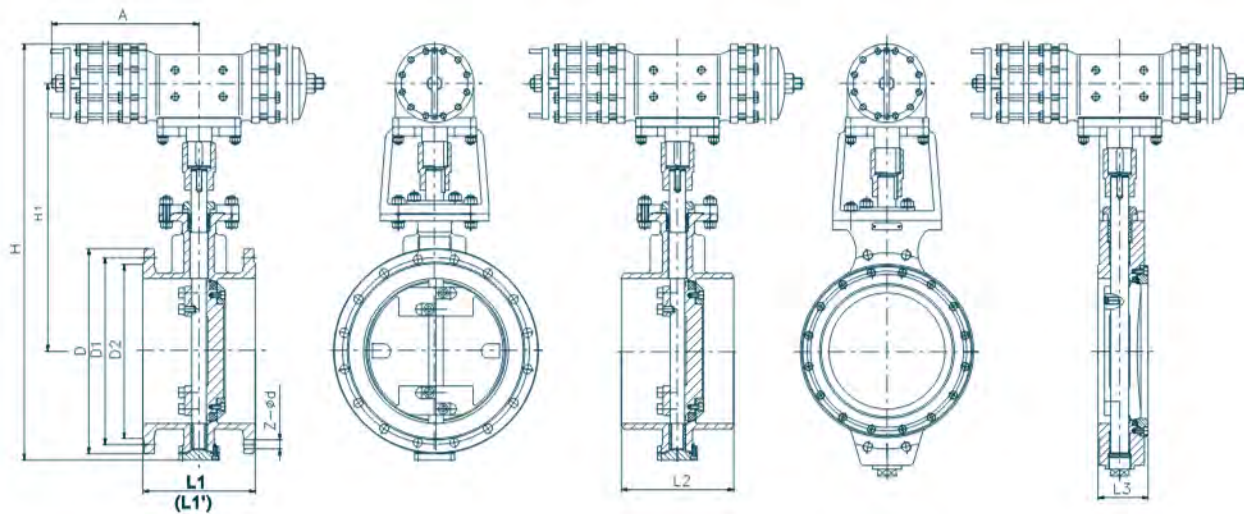
主要外形尺寸 Main Size of outside														Class300、600			
Class	NPS(in)	L1	L2	L3	D	D1	D2	Z-Φd	H1	H	A	B	W	电动装置 Electric device	Kg(L1)	Kg(L2)	Kg(L3)
300	3	180	180	48	210	168.5	127	8-Φ22	242	530	180	178	-	DQW20-1	95	84	75
	4	190	190	54	254	200	157	8-Φ22	204	552	180	178	-	DQW20-1	95	84	75
	5	200	200	55	279	235	186	8-Φ22	214	580	180	178	-	DQW30-1	105	98	92
	6	210	210	59	318	270	216	12-Φ22	259	610	180	178	-	DZW30-1	108	100	94
	8	230	230	73	381	330	270	12-Φ25	310	755	370	235	365	DZW20(I)	195	160	105
	10	250	250	83	445	387.5	324	16-Φ29	340	816	370	235	365	DZW20(I)	268	190	130
	12	270	270	92	521	451	381	16-Φ32	390	912	370	235	365	DZW30(I)	376	275	175
	14	290	290	117	584	514.5	413	20-Φ32	425	980	370	235	365	DZW30(I)	472	355	215
	16	310	310	133	648	571.5	470	20-Φ35	460	1057	370	235	365	DZW30(I)	560	430	254
	18	330	330	149	711	628.5	533	24-Φ35	525	1140	370	235	365	DZW30(I)	715	547	345
	20	350	250	159	775	686	584	24-Φ35	556	1243	515	245	470	DZW60	890	680	379
24	390	390	181	914	813	692	24-Φ41	653	1420	540	360	550	DZW90(I)	1078	990	570	
600	3	180	180	64	210	168	127	8-Φ22	108	606	180	178	-	DQW20-1	95	84	75
	4	190	190	64	273	216	157	8-Φ25	108	650	180	178	-	DQW20-1	95	84	75
	5	200	200	70	330	266.5	186	8-Φ29	120	695	180	178	-	DQW30-1	105	98	92
	6	210	210	76	356	292	216	12-Φ29	136	743	180	178	-	DQW30-1	108	100	94
	8	230	230	89	419	349	270	12-Φ32	442	1055	370	235	365	DZW30(I)	195	160	105
	10	250	250	114	508	432	324	16-Φ35	532	1172	370	235	365	DZW30(I)	268	190	130
	12	270	270	127	559	489	381	20-Φ35	618	1392	515	245	470	DZW45(I)	376	275	175
	14	290	290	140	603	527	413	20-Φ38	674	1475	515	245	470	DZW60	472	355	215
	16	310	310	152	666	603	470	20-Φ41	823	1708	540	360	550	DZW90	560	430	254

气动蝶阀 WD64(6、7)1(2、3、4、5)F(X、H、W、Y)
 PNEUMATIC DRIVEN BUTTERFLY VALVE



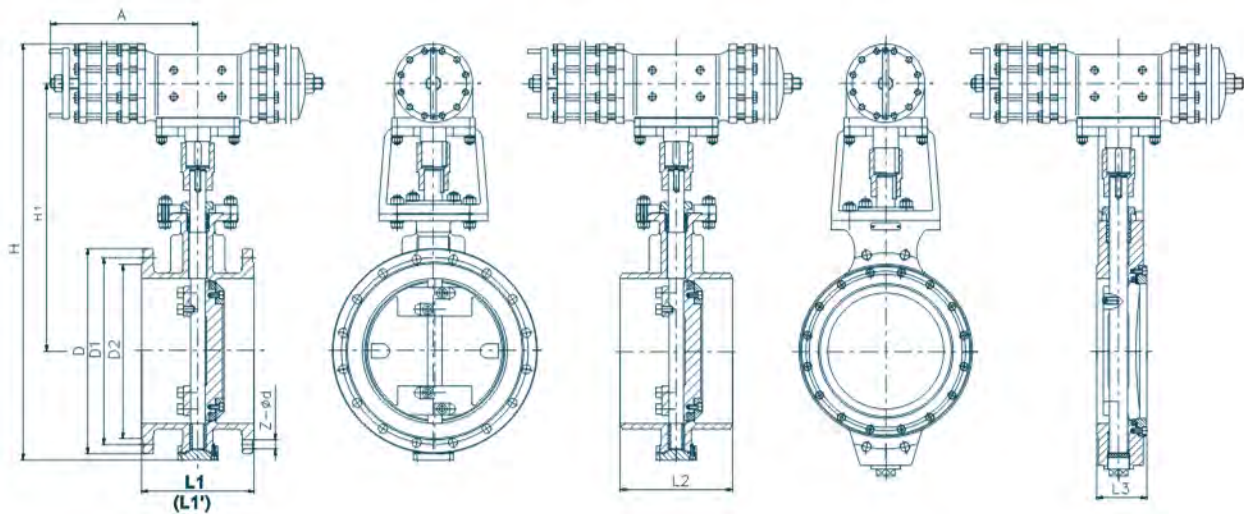
主要外形尺寸 Main Size of outside												PN 0.6~1.0MPa		
PN(MPa)	DN(mm)	L1	L2	L3	D	D1	D2	H1	H	A	Z-Φd	Kg(L1)	Kg(L2)	Kg(L3)
0.6	200	152	230	71	315	280	254	325	695	275	8-18	95	81	62
	250	165	250	76	370	335	309	355	750	275	12-18	120	102	88
	300	178	270	83	435	395	363	415	935	378	12-22	156	132	95
	350	190	290	92	485	445	413	510	1000	378	12-22	193	164	120
	400	216	310	102	535	495	463	590	1145	378	16-22	227	193	135
	450	222	330	114	590	550	518	632	1205	530	16-22	280	238	170
	500	229	350	147	640	600	568	665	1256	530	20-22	355	302	220
	600	267	390	154	755	705	667	830	1526	530	20-26	535	457	330
	700	292	430	165	860	810	772	903	1640	530	24-26	953	810	280
	800	318	470	190	975	920	978	972	1786	680	24-30	1286	1093	780
	900	330	510	203	1075	1020	1078	1052	1917	680	24-30	1659	1410	1000
	1000	410	550	216	1175	1120	1295	1170	2600	680	28-30	1700	1460	1000
	1200	470	630	254	1400	1340	1510	1312	2186	740	32-33	1850	1590	1100
	1400	530	710	390	1620	1560	1710	1438	2531	760	36-36	2540	2185	1600
1.0	1600	600	790	440	1820	1760	1918	1580	2795	840	40-36	3730	3210	2400
	1800	670	870	490	2045	1970	2125	1726	3055	840	44-39	4756	4090	3000
	2000	760	950	540	2265	2180	2330	1845	3140	840	48-42	6520	5610	3800
	200	152	230	71	340	295	266	367	740	275	8-22	96	82	63
	250	165	250	6	395	350	319	443	900	378	12-22	121	105	90
	300	178	270	83	445	400	429	493	900	378	12-22	158	135	100
	350	190	290	92	505	460	480	525	1155	378	16-22	198	170	121
	400	216	310	102	565	515	530	600	1205	530	16-26	235	210	140
	450	222	330	114	615	565	582	643	1290	530	20-26	295	245	180
	500	229	350	127	670	620	682	705	1395	530	20-26	370	310	230
	600	267	390	154	780	725	794	838	1665	530	20-30	540	465	330
	700	292	430	165	895	840	901	942	1882	680	24-30	790	680	480
	800	318	470	190	1015	950	1001	1066	2093	680	24-33	945	810	590
	900	330	510	203	1115	1050	1112	1165	2193	680	28-33	1000	860	610
1000	410	550	216	1230	1160	1328	1312	2283	680	28-36	1890	1652	1180	
1200	470	630	254	1455	1380	1530	1438	2795	840	32-39	2058	1770	1300	
1400	530	710	390	1675	1590	1750	1580	3055	840	34-42	2819	2425	1700	
1600	600	790	440	1915	1820	1950	1726	6140	840	40-48	4140	3560	2600	

气动蝶阀 WD64(6、7)1(2、3、4、5)F(X、H、W、Y)
PNEUMATIC DRIVEN BUTTERFLY VALVE



主要外形尺寸 Main Size of outside													PN 2.5~4.0MPa			
PN(MPa)	DN(mm)	L1	L1'	L2	L3	D	D1	D2	Z-Φd	H1	H	A	气动装置 Pneumatic device	Kg(L1)	Kg(L1', L2)	Kg(L3)
1.6	200	152	230	230	71	340	295	265	12-Φ23	327	695	275	TAW13	95	81	62
	250	165	250	250	76	405	355	320	12-Φ26	355	750	275	TAW13	120	102	88
	300	178	270	270	83	460	410	375	12-Φ26	472	955	378	TAW17	156	132	95
	350	190	290	290	92	520	470	435	16-Φ26	515	1033	378	TAW17	193	164	120
	400	216	310	310	102	580	525	485	16-Φ30	595	1185	530	TAW20	227	193	135
	450	222	330	330	114	640	585	545	20-Φ30	632	1270	530	TAW20	280	238	170
	500	229	350	350	127	715	650	608	20-Φ34	665	1335	530	TAW20	355	302	220
	600	267	390	390	154	840	770	718	20-Φ36	829	1642	680	TAW28	538	457	330
	700	292	430	430	165	910	840	788	24-Φ36	905	1785	680	TAW28	935	810	580
800	318	470	470	190	1025	950	898	24-Φ41	970	1915	680	TAW28	1286	1093	780	
2.5	200	152	230	230	71	360	310	278	12-Φ26	367	740	275	TAW13			
	250	165	250	250	76	425	370	332	12-Φ30	443	890	378	TAW17			
	300	178	270	270	83	485	430	390	16-Φ30	495	985	378	TAW17			
	350	190	290	290	92	555	490	448	16-Φ34	575	1155	530	TAW20			
	400	216	310	310	102	620	550	505	16-Φ36	603	1206	530	TAW20			
	450	222	330	330	114	670	600	555	20-Φ36	643	1284	530	TAW20			
	500	229	350	350	127	730	660	610	20-Φ36	705	1390	535	TAW20			
	600	267	390	390	154	845	770	718	20-Φ41	835	1660	680	TAW28			
4.0	200	230	-	230	71	375	320	282	12-Φ30	375	750	275	TAW13			
	250	250	-	250	76	450	385	345	12-Φ34	445	905	378	TAW17			
	300	270	-	270	83	515	450	408	16-Φ34	538	1085	503	TAW20			
	350	290	-	290	127	580	510	465	16-Φ36	576	1160	503	TAW20			
	400	310	-	310	140	660	585	535	16-Φ41	609	1230	503	TAW20			
	500	350	-	350	170	755	670	612	20-Φ42	765	1520	680	TAW28			

气动蝶阀 WD64(6、7)1(2、3、4、5)F(X、H、W、Y)
PNEUMATIC DRIVEN BUTTERFLY VALVE



主要外形尺寸 Main Size of outside											Class150、300		
Class	NPS(in)	L1	L2	L3	D	D1	D2	Z-Φd	H1	H	A	气动装置 Pneumatic device	
150	8	152	152	64	343	298.5	270	8-Φ22	323	690	275	TAW13	
	10	165	165	70	406	362	324	12-Φ25	355	750	275	TAW13	
	12	178	178	81	483	432	381	12-Φ25	475	955	378	TAW17	
	14	190	190	92	533	476	413	12-Φ29	513	1032	378	TAW17	
	16	216	216	102	597	540	470	16-Φ29	598	1182	530	TAW20	
	18	222	222	114	635	578	533	16-Φ32	635	1265	530	TAW20	
	20	229	229	127	699	635	584	20-Φ32	667	1335	530	TAW20	
	24	267	267	154	813	749.5	692	20-Φ35	830	1642	680	TAW28	
	28	292	292	229	937	846	794	28-Φ35	910	1782	680	TAW28	
	32	318	318	241	1060	978	908	28-Φ41	975	1920	680	TAW28	
300	8	230	230	73	381	330	270	12-Φ25	368	750	275	TAW13	
	10	250	250	83	445	387.5	324	16-Φ29	442	909	378	TAW17	
	12	270	270	92	521	451	381	16-Φ32	535	1075	530	TAW20	
	14	290	290	117	584	514.5	413	20-Φ32	572	1158	530	TAW20	
	16	310	310	133	648	571.5	470	20-Φ35	610	1230	530	TAW20	
	18	330	330	149	711	628.5	533	24-Φ35	736	1462	680	TAW28	
	20	350	350	159	775	686	584	24-Φ35	765	1328	680	TAW28	

热风调节蝶阀
HOT-AIR ADJUSTABLE BUTTERFLY VALVE

产品结构特征 Products design features

本产品引用费歇尔(Fisher)和阿达姆斯的技术特点、结合我公司的专有技术，为热力风道和调节风量的新颖产品，综合了球阀和蝶阀两者的优点，采用V型蝶板结构，能平稳、精确地调节合理的风量，使流量特性为近似等百分比，可调范围大，可调比为100:1，运用万向轴节及铰链机构，可满足管道工上方、下方任意位置的安装和驱动，专门设计的操纵架，具备操作方便、轻巧灵敏、定位准确的特定功能，驱动方式有蜗轮杆传动及电动。

The product is the new heating power air passage and adjustable product. It uses Fisher's and Adams' technic character and combines our company's special technology. It composites the advantages of ball valve and butterfly valve, and adopts "V" type butterfly board structure, also can adjust reasonable rate of wind flow steadily and accurately, and make the rate of flow character be similar to the equal percent. It has wide adjustable scope, and the adjustable ratio is 100:1. It uses universal coupling and hinge mechanism, and can install and drive anywhere in the upper and lower place of passage operating mode. The specially designed control rack is equipped with specified function, that is easy to control, light and flexible, and locate accurately. The driving manner includes worm gear and worm driving and electric driving.

产品规格 Products specification

系列型号 Serial models	WDRT(3、9)44F(X、H、W、Y)		
压力等级范围 Pressure grade range	PN0.1~0.25MPa		
通径规格范围 Drift diameter specification range	DN65~3000		
驱动方式及适用范围 Driving manner and scope of application	蜗轮蜗杆传动 Worm wheel & Worm screw	PN0.1~0.25	DN65~3000
	电动 Electric driving	PN0.1~0.25	DN65~3000

注：本公司可根据用户要求提供产品
Notes: Our Company can provide products at customres' request.

产品性能规范 Products performance specification

压力等级 Pressure grade		0.1~0.25MPa
试验压力(Mpa) Test pressure	强度试验 Shell test	1.5 × PN
	密封试验 Sealing test	1.1 × PN
工作温度 Working temperature		-29℃~+425℃
工作介质 Working Medium		水、油品、蒸气、天然气、腐蚀性介质等 Water, oil, natural gas, corrosive medium, etc.

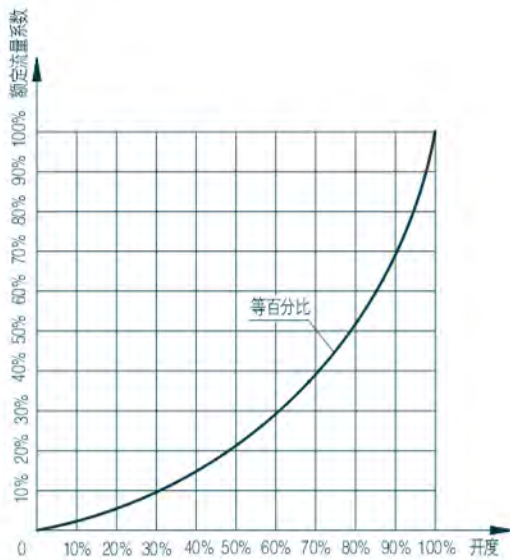
注：PN为主体材料在38℃时允许的额定工作压力
Note: PN is requested pressure for the body material under the 38℃.



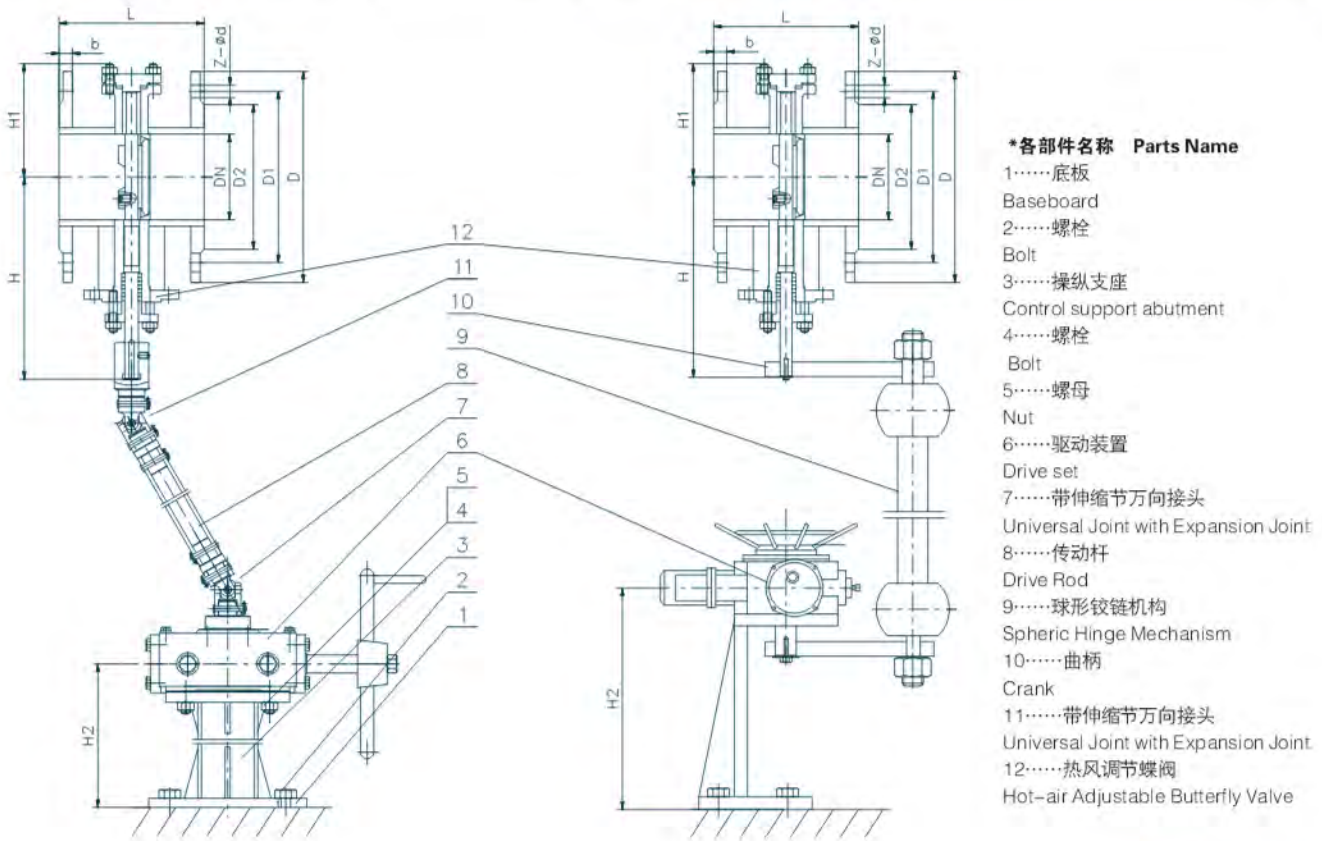
热风调节蝶阀
HOT-AIR ADJUSTABLE BUTTERFLY VALVE

“V”型蝶板的使用，能平稳、精确地调节合理的风量，使流量特性为近似等百分比。固有流量特性图如下：

The using of "V" type butterfly valve can adjust reasonable rate of wind flow steadily and accurately, and make the rate of flow character be similar to the equal percent. Picture of inherent rate of flow character as follows:



传动机构简图及各零部件名称 Driving mechanism diagram and parts name



热风调节蝶阀
HOT-AIR ADJUSTABLE BUTTERFLY VALVE

主要外形尺寸 Main Size of outside										PN 0.1~0.25MPa		
PN(MPa)	DN(mm)	L	D	D1	D2	Z-Φd	b	H	H1	H2	蜗轮装置 Worm device	电动装置 Electric driving
0.1	65	110	160	130	108	4-Φ14	10	161	86	980	O型(type)	QB20-1
	80	110	190	150	124	4-Φ18	10	184	104	980	O型(type)	QB20-1
	100	120	210	170	144	4-Φ18	14	205	118	980	A型(type)	QB30-1
	125	120	240	200	174	8-Φ18	14	235	140	980	A型(type)	QB30-1
	150	120	265	225	199	8-Φ18	14	260	152	980	A型(type)	QB30-1
	200	140	320	280	254	8-Φ18	16	326	184	980	B型(type)	QB30-1
	250	140	375	335	309	12-Φ18	16	390	243	980	B型(type)	QB60-1
	300	170	440	395	363	12-Φ22	16	390	243	980	C型(type)	QB60-1
	350	170	490	445	413	12-Φ22	16	480	288	980	C型(type)	QB60-1
	400	190	540	495	463	16-Φ22	16	495	313	980	C型(type)	QB90-1
	450	190	595	550	518	16-Φ22	16	500	346	980	D型(type)	QB90-1
	500	190	645	600	568	20-Φ22	18	530	383	980	D型(type)	QB120-1
	600	210	755	705	667	20-Φ26	20	620	425	980	D型(type)	QB120-1
	700	210	860	810	772	24-Φ26	20	670	478	980	DA型(type)	QB120-1
	800	210	975	920	878	24-Φ30	20	740	546	980	DA型(type)	QB250-1
	900	250	1075	1020	978	24-Φ30	20	805	596	980	DA型(type)	QB250-1
	1000	250	1175	1120	1078	28-Φ30	20	860	630	980	DB型(type)	QB250-1
	1100	250	1275	1220	1180	28-Φ30	20	910	380	980	DB型(type)	TQ4000
	1200	250	1375	1320	1280	32-Φ30	20	980	740	980	DB型(type)	TQ4000
	1400	300	1575	1520	1280	36-Φ30	20	1085	835	980	DB型(type)	TQ8000
	1600	300	1790	1730	1690	40-Φ30	24	1195	947	980	DB型(type)	TQ8000
	1800	300	1990	1930	1890	44-Φ30	24	1300	1052	980	DC型(type)	TQ16000
	2000	300	2190	2130	2090	48-Φ30	24	1400	1148	980	DC型(type)	TQ16000
	2100	300	2305	2240	2195	52-Φ33	24	1460	1207	980	DC型(type)	TQ16000
	2200	350	2405	2340	2295	52-Φ33	24	1500	1258	980	DC型(type)	TQ16000
0.25	2400	350	2605	2540	2495	56-Φ33	30	1610	1360	980	DC型(type)	TQ16000
	2600	350	2805	2740	2695	60-Φ33	30	1705	1462	980	DD型(type)	TQ32000
	2800	400	3030	2960	2910	64-Φ36	30	1815	1570	980	DD型(type)	TQ32000
	3000	400	3230	3160	3110	68-Φ36	30	1920	1673	980	DD型(type)	TQ32000
	65	112	160	130	108	4-Φ14	16	161	86	980	O型(type)	QB20-1
	80	114	190	150	124	4-Φ18	18	184	104	980	O型(type)	QB20-1
	100	127	210	170	144	4-Φ18	18	205	118	980	A型(type)	QB30-1
	125	140	240	200	174	8-Φ18	20	235	140	980	A型(type)	QB30-1
	150	140	265	225	199	8-Φ18	20	260	152	980	B型(type)	QB30-1
	200	152	320	280	254	8-Φ18	22	326	184	980	B型(type)	QB30-1
	250	165	375	335	309	12-Φ18	24	390	243	980	C型(type)	QB60-1
	300	178	440	395	363	12-Φ22	24	390	243	980	C型(type)	QB60-1
	350	190	490	445	413	12-Φ22	24	480	288	980	C型(type)	QB60-1
	400	216	540	495	463	16-Φ22	24	495	313	980	D型(type)	QB90-1
	450	222	595	550	518	16-Φ22	24	500	346	980	D型(type)	QB90-1
	500	229	645	600	568	20-Φ22	26	530	383	980	D型(type)	QB120-1
	600	267	755	705	667	20-Φ26	26	620	425	980	DA型(type)	QB120-1
	700	292	860	810	772	24-Φ26	26	670	478	980	DA型(type)	QB120-1
	800	318	975	920	878	24-Φ30	26	740	546	980	DA型(type)	QB250-1
	900	330	1075	1020	978	24-Φ30	26	805	596	980	DB型(type)	QB250-1
	1000	410	1175	1120	1078	28-Φ30	26	860	630	980	DB型(type)	QB250-1
	1200	470	1375	1320	1280	32-Φ30	26	980	740	980	DB型(type)	TQ4000
	1400	530	1575	1520	1280	36-Φ30	26	1085	835	980	DB型(type)	TQ8000
	1600	600	1790	1730	1690	40-Φ30	26	1195	947	980	DC型(type)	TQ8000
	1800	670	1990	1930	1890	44-Φ30	26	1300	1052	980	DC型(type)	TQ16000
	2000	760	2190	2130	2090	48-Φ30	26	1400	1148	980	DC型(type)	TQ16000
	2200	760	2405	2340	2295	52-Φ33	28	1500	1258	980	DC型(type)	TQ16000
	2400	760	2605	2540	2495	56-Φ33	28	1610	1360	980	DC型(type)	TQ16000
	2600	760	2805	2740	2695	60-Φ33	28	1705	1462	980	DD型(type)	TQ32000
	2800	760	3030	2960	2910	64-Φ36	30	1815	1570	980	DD型(type)	TQ32000
	3000	760	3230	3160	3110	68-Φ36	30	1920	1673	980	DD型(type)	TQ32000