

全球阀门之路
Leading the
Global Valve Industry.

TEJI
®
特技阀门集团有限公司
TEJI VALVE GROUP CO., LTD.

GENERAL
VALVE SERIES

通用阀门系列

- | 闸阀系列 | Gate Valve Series
- | 截止阀系列 | Globe Valve Series
- | 止回阀系列 | Check Valve Series
- | 蝶阀系列 | Butterfly Valve Series



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更多咨询



企业公众号



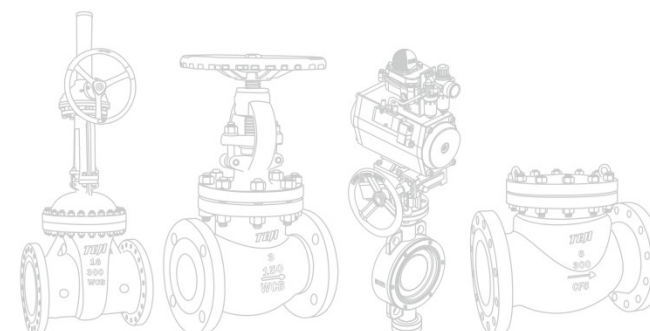
企业官网

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♻ 采用生态纸印刷。Printed on Eco paper.

通用
阀门
系列



TEJI[®] 特技阀门集团
TEJI VALVE GROUP

企业简介

COMPANY PROFILE

Leading the
Global Valve Industry.

特技阀门集团有限公司成立于1980年，是一家现代化、多元化、专业化的集研发、生产和销售为一体的阀门企业。公司主要产品为油气管线专用阀门、球阀、闸阀、截止阀、止回阀、蝶阀、调节阀等国标、美标、德标及日标阀门。

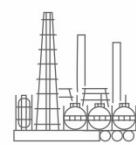
2011年8月，经国家工商总局核准晋升为无区域企业——特技阀门集团有限公司。现注册资金22600万元，拥有浙江和上海两大生产基地，占地68000平方米，现有员工586人，其中高端人才68人。

公司实行高端人才战略，现已成为国家专精特新“小巨人”企业、国家高新技术企业、国家知识产权优势企业、中国泵阀之乡龙头企业、浙江省“隐形冠军”企业、浙江省“绿色低碳工厂”，浙江质量信得过企业、浙江省“专利示范企业”、温州市高成长企业，相继获得浙江省著名商标、市名牌产品、市安全生产三级标准化、永嘉“县长质量奖”等荣誉。公司设有CNAS国家实验室、省级企业技术研究院、省级工业设计中心。自主研发的多个系列产品、水系统阀门获得国家发明专利12项，实用新型专利45项，软件著作权13项，其中1项被认定为浙江制造精品，浙江省首台套产品、14项被认定为浙江省级工业新产品。公司多次承担国家、行业标准制修订工作，其中已有25项标准经国家标准化委员会、国家工业和信息化部审定发布实施。

公司在同行业中已率先通过TS(A1\A2\B)、ISO9001、ISO14001、ISO45001、CE、GOST、API、SIL、ECM、TUV、CNAS等认证；公司严格采用JIS、BS、DIN、NF、ISO等标准生产，从而满足国内外不同行业 and 不同客户的市场需求。

公司专业生产高中低压工业系列阀门、超低温阀门、水系统阀门、特殊阀门、船用阀门、水泵等36大系列阀门产品。产品涉及多种领域，市场覆盖全国，并远销欧洲、北美、中东和东南亚地区。

公司产品的研发、生产、组装、喷涂、检测、包装、物流等配套设施齐全，设有技术研发中心、生产加工中心、(品控)检测中心、物流配送中心、营销中心、战略物资采购中心和售后服务中心等机构。



化工行业



海洋工程



电力工程



Established in 1980, Teji Technology Valve Group Co., Ltd. is a modern, diversified, and professional valve enterprise that integrates research and development, production, and sales. The company's main products include special valves for oil and gas pipelines, ball valves, gate valves, globe valves, check valves, butterfly valves, regulating valves, and other national, American, German, and Japanese standard valves.

In August 2011, it was approved by the State Administration for Industry and Commerce to be promoted to a non regional enterprise – Teji Technology Valve Group Co., Ltd. With a registered capital of 226 million yuan, we have two major production bases in Zhejiang and Shanghai, covering an area of 68000 square meters. We currently have 586 employees, including 68 high-end talents.

The company has implemented a high-end talent strategy and has become a national "little giant" enterprise, a national high-tech enterprise, a national intellectual property advantage enterprise, a leading enterprise in China's pump and valve hometown, a "hidden champion" enterprise in Zhejiang Province, a "green and low-carbon factory" in Zhejiang Province, a trustworthy quality enterprise in Zhejiang Province, a "patent demonstration enterprise" in Zhejiang Province, and a high growth enterprise in Wenzhou City. It has successively obtained famous trademarks and city famous brand products in Zhejiang Province Honors such as the third level standardization of safety production in the city and the Yongjia County Mayor Quality Award. The company has a CNAS national laboratory, a provincial-level enterprise technology research institute, and a provincial-level industrial design center. It has independently developed multiple series of products, water system valves, and obtained 12 national invention patents, 45 utility model patents, and 13 software copyrights. Among them, 1 has been recognized as a Zhejiang manufacturing boutique, the first set of products in Zhejiang Province, and 14 have been recognized as Zhejiang provincial-level industrial new products. The company has undertaken multiple revisions of national and industry standards, among which 25 standards have been approved and implemented by the National Standardization Committee and the Ministry of Industry and Information Technology.

The company has taken the lead in obtaining certifications in the same industry, such as TS (A1 \ A2 \ B), ISO9001, ISO14001, ISO45001, CE, GOST, API, SIL, ECM, TUV, CNAS, etc. The company strictly adopts JIS, BS, DIN, NF, ISO and other standards for production, in order to meet the market needs of different industries and customers both domestically and internationally.

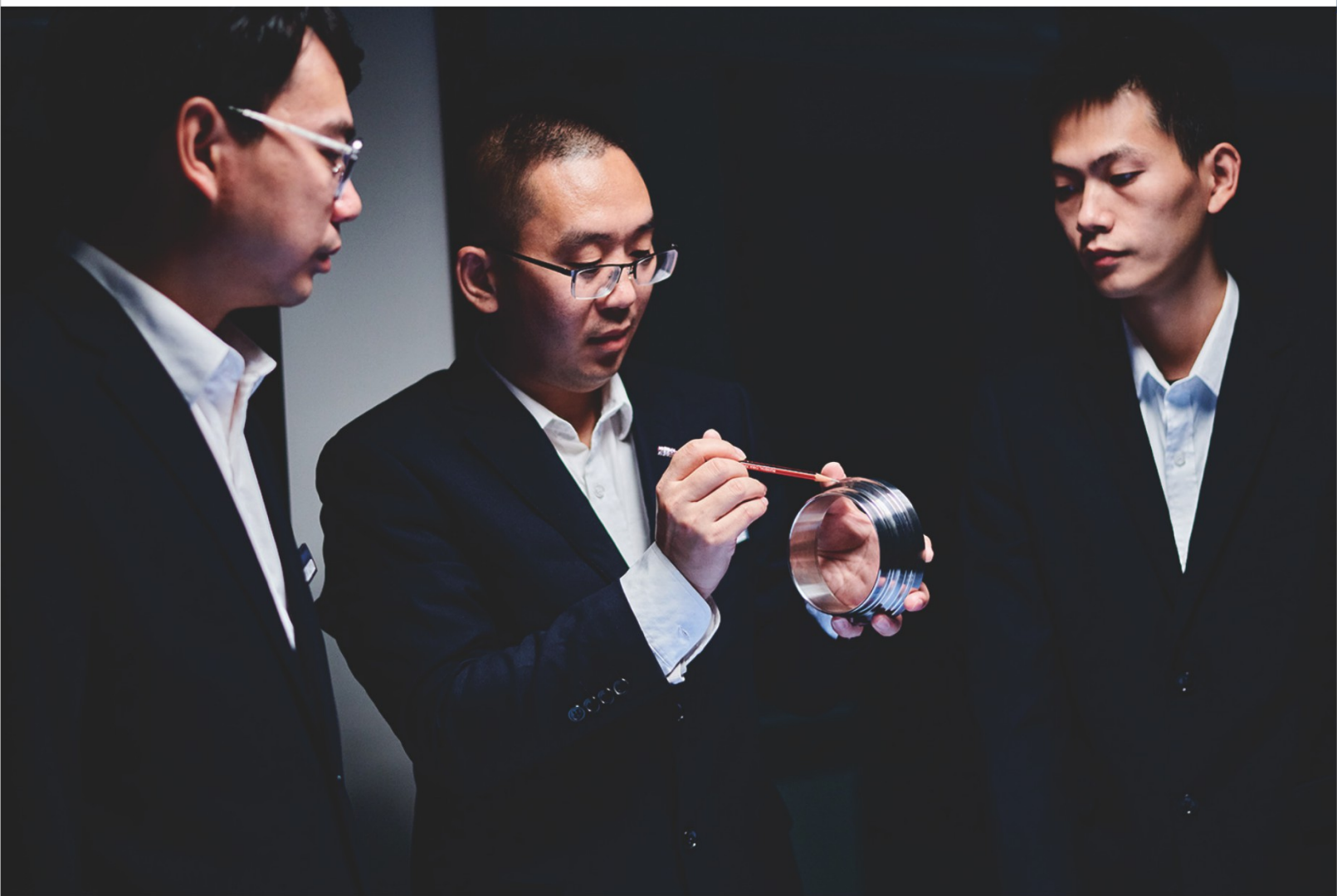
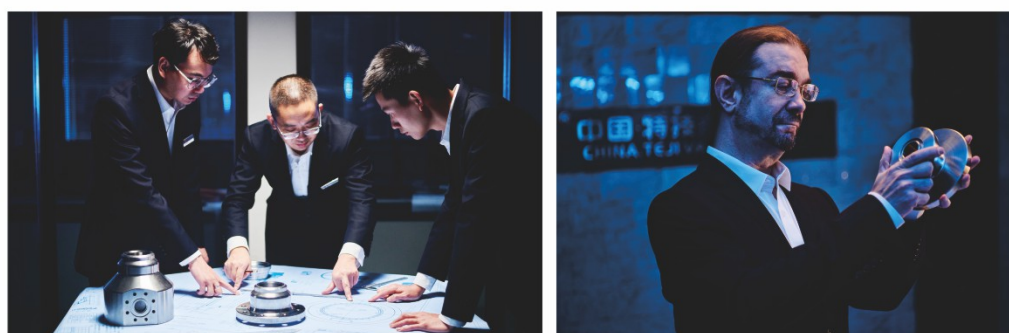
The company specializes in producing 36 series of valve products, including high, medium, and low pressure industrial valves, ultra-low temperature valves, water system valves, special valves, marine valves, and water pumps. The product covers various fields, with a nationwide market coverage, and is exported to Europe, North America, the Middle East, and Southeast Asia.

The company's product research and development, production, assembly, spraying, testing, packaging, logistics and other supporting facilities are complete, with technical research and development centers, production and processing centers, (quality control) testing centers, logistics distribution centers, marketing centers, strategic material procurement centers, and after-sales service centers.

技术团队

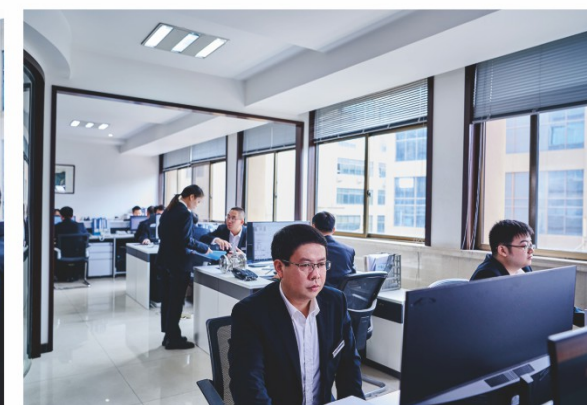
TECHNICAL TEAM

Leading the
Global Valve Industry.



我司拥有高中级技术人员42人，拥有浙江和上海两大生产基地。具有CAD、CAM开发设计制造和ERP企业资源计划管理系统。在阀门研发、设计、工艺等方面拥有强大的技术实力，自主研发产品获得国家多项专利，在阀门领域掌握了多项核心技术。

Our company has 42 senior and intermediate technical personnel and two major production bases in Zhejiang and Shanghai. Equipped with CAD, CAM development, design and manufacturing, and ERP enterprise resource planning management system. We have strong technical strength in valve research and development, design, and process. Our independently developed products have obtained multiple national patents, and we have mastered multiple core technologies in the field of valves.



生产设备

PRODUCTION EQUIPMENT

Leading the
Global Valve Industry.



我们拥有先进的设备、雄厚的技术力量与完善的现代化管理体系，确保制造质量满足标准要求。采用先进的计算机仿真分析技术，分析阀门的应力、温度、流场等参数及其分布，对工况下阀门的服役性能进行评估，优化解决阀门应用中的相应问题，从源头上保证产品性能，最大的将价值传递给客户。

We have advanced equipment, strong technical strength, and a comprehensive modern management system to ensure that manufacturing quality meets standard requirements. Using advanced computer simulation analysis technology, analyze the stress, temperature, flow field and other parameters of the valve and their distribution, evaluate the service performance of the valve under working conditions, optimize and solve corresponding problems in valve application, ensure product performance from the source, and maximize the transmission of value to customers.



车间现场

WORKSHOP SITE

Leading the
Global Valve Industry.

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品质保障

QUALITY ASSURANCE

Leading the Global Valve Industry.

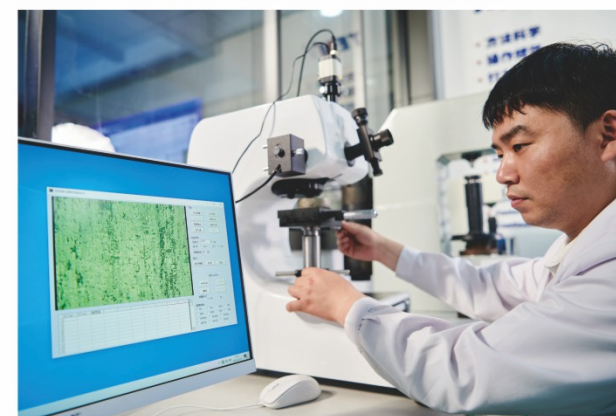


www.teji-valve.cn

全球阀门之路
Leading the Global Valve Industry.

为了提高产品质量，公司配备了先进的检测设备和完善的检测体系。拥有对产品质量严把关的管理团队，实现了从原材料检测、生产过程检测、产品及应用全过程的质量控制。

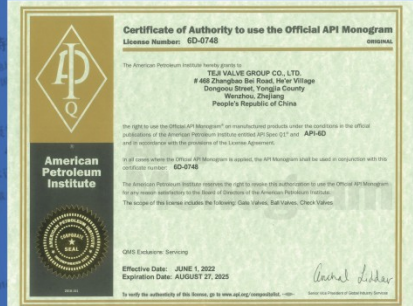
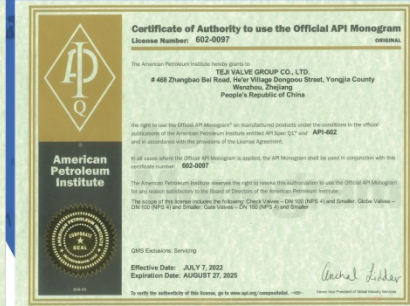
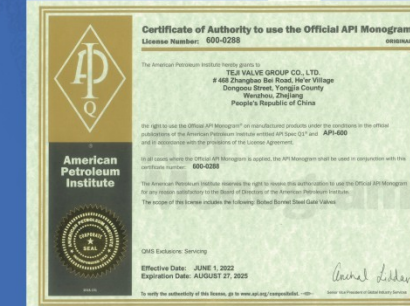
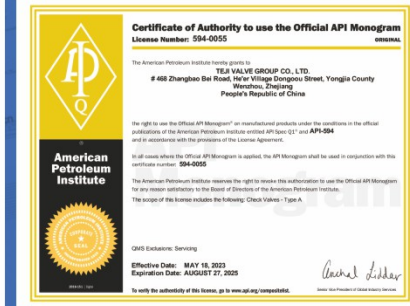
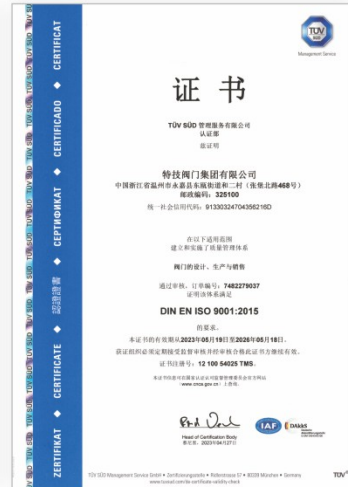
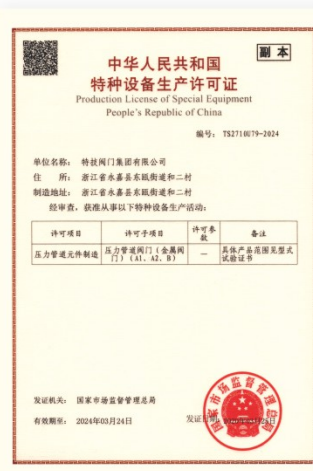
In order to improve product quality, the company is equipped with advanced testing equipment and a comprehensive testing system. We have a management team that strictly controls product quality, achieving quality control throughout the entire process of raw material testing, production process testing, product and application.



认证及荣誉

CERTIFICATION AND HONORS

Leading the
Global Valve Industry.



Leading the
Global Valve Industry.

150-154 电(手)动多叶蝶阀(风机专用阀)
Electric (manual) Multi leaf butterfly valve (fan specific valve)

闸阀系列

GATE VALVE
SERIES

Leading the
Global Valve Industry.



国标楔式闸阀

GB WEDGE GATE VALVE

产品用途 Product Usage

国标楔式闸阀流体阻力小，适用的压力、温度范围大，介质流动方向不受限制，密封性能良好。广泛适用于石油化工，火力发电厂等油品、水蒸气管路上作接通或截断管路中介质的启闭装置。

GB Wedge gate valve has low fluid resistance, wide applicable pressure and temperature range, unlimited medium flow direction, and good sealing performance. It is widely used in petrochemical, thermal power plants and other oil and steam pipelines as opening and closing devices to connect or cut off the medium in the pipeline.

产品特点 Product Features

- 1、结构紧凑、设计合理、阀门刚性好、通道流畅、流量系数小；

2、密封面采用不锈钢和硬质合金，使用寿命长；

3、采用柔性石墨填料、密封可靠、操作轻便灵活；

4、驱动方式为手动、气动、电动、齿轮传动、液动；

5、结构形式为弹性楔式单闸板、刚性楔式单闸板双闸板型式。
1. Compact structure, reasonable design, good rigidity, valve channel flow, flow coefficient is small;

2. The sealing surface of stainless steel and carbide, long service life;

3. Using the flexible graphite packing, sealing is reliable, flexible operation of the light;

4. Drive mode for manual, pneumatic, electric, gear transmission, hydraulic;

5. The structure form is elastic disc type single disc, rigid disc single disc of double disc type.

执行标准 Execution Standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to Face	连接法兰 Flange end	试验与检验 Test & check	压力-温度 Pressure-temp
	GB/T12234	GB/T12221	JB/T79 HG/T 20592、GB/T 9113	GB/T 13927 GB/T 26480	GB/T 12224

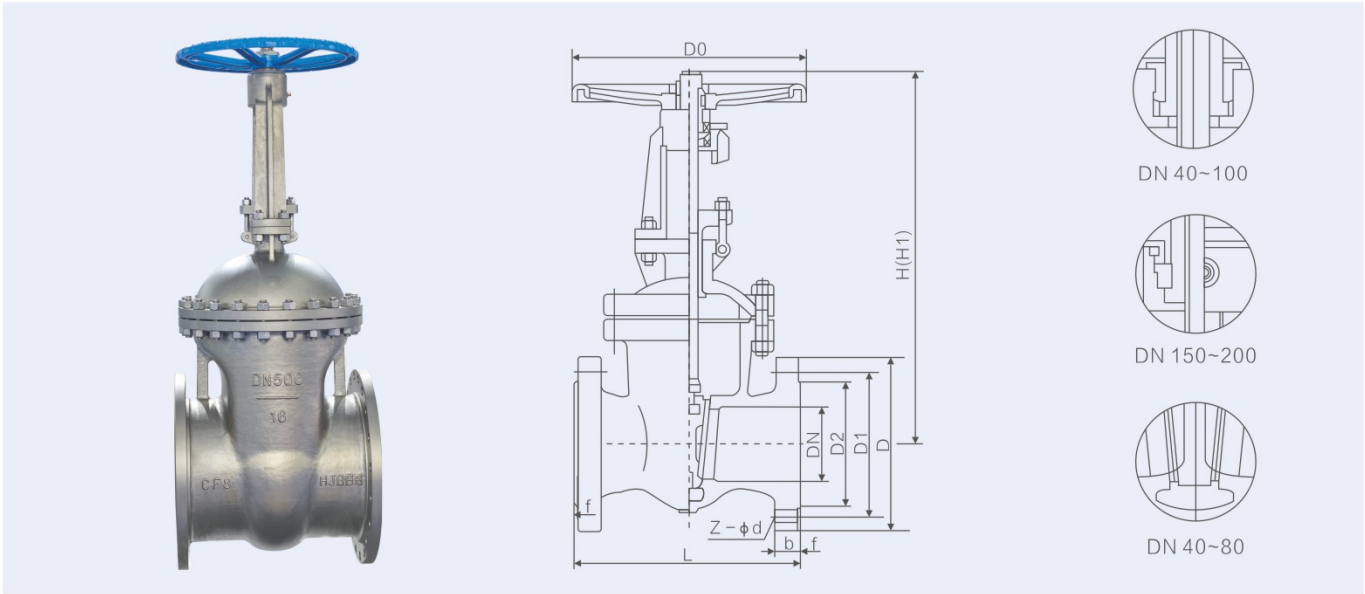
主要性能规范 Main Performance Specifications

1、试验压力 Test pressure					2、适用介质及适用温度 Applicable media & Applicable temperature		
公称压力PN(MPa) Nominal Pressure	壳体 Shell	试验压力(MPa) Test pressure		上密封 Back seat	壳体材料 Shell material	适用介质 Applicable media	适用温度℃ Applicable temperature
		密封(液)Liquid Seal	密封(气)Gas Seal				
1.6	2.4	1.8	0.6	1.8	碳素钢(C型) Carburizing steel (C type)	水、油品 Water, oil goods	≤425
2.5	3.8	2.8	0.6	2.8	铬镍钢(P型) Cr, Ni, steel (P type)	硝酸类 Nitric acid	≤200
4.0	6.0	4.4	0.6	4.4	铬镍钼钢(R型) Cr, Ni, Mo, steel (R type)	醋酸类 Acetic acid	≤200
6.4	9.6	7.0	0.6	7.0	铬钼钢(I型) Cr, Mo steel (I type)	水、蒸汽、油品 Water, steam, oil goods	≤550
10.0	15.0	11.0	0.6	11.0			
16.0	24.0	18.0	0.6	18.0			

主要零件材料 Main Parts and Materials

阀体/阀盖 Body, bonnet	闸板/闸座 Disc, seat	阀杆 Stem	阀杆螺母 Stem nut	填料 Packing	手轮 Handwheel
碳素钢 Carburizing steel	优质碳钢+硬质合金或不锈钢 Carbon steel + hard alloy or stainless steel	铬不锈钢 Cr. stainless steel	铜合金 Copper alloy	石墨石棉盘根 Graphite asbestos coils	可锻铸铁 Malleable iron
铬镍钢 Cr, Ni, steel	不锈钢、不锈钢+硬质合金 Stainless steel, stainless steel + hard alloy	铬镍不锈钢 Cr, Ni. stainless steel	铜合金 Copper alloy	浸聚四氟乙烯 Dipping polytetrafluoroethylene	可锻铸铁 Malleable iron
铬镍钼钢 Cr, Ni, Mo. steel	不锈钢、不锈钢+硬质合金 Stainless steel, stainless steel + hard alloy	铬镍不锈钢 Cr, Ni. stainless steel	铜合金 Copper alloy	烯石棉盘根 Asbestos coil	可锻铸铁 Malleable iron
铬钼钢 Cr, Mo steel	合金钢+硬质合金 Alloy steel + hard alloy	铬钼钢 Cr, Mo steel	铜合金 Copper alloy	NBR/FPM 柔性石墨 Flexible graphite	可锻铸铁 Malleable iron

国标楔式闸阀
GB WEDGE GATE VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions PN1.0MPa

DN(mm)	L	D	D1	D2	b-f	z-φd	手动 Manual	
							H	D0
40	165	150	110	88	18-3	4-φ18	257	-
50	178	165	125	102	18-3	4-φ18	289	180
65	190	185	145	122	18-3	8-φ18	334	180
80	203	200	160	138	20-3	8-φ18	377	200
100	229	220	180	158	20-3	8-φ18	433	200
125	254	250	210	188	22-3	8-φ18	527	240
150	267	285	240	212	22-3	8-φ22	596	240
200	330	340	295	268	24-3	8-φ22	772	320
250	380	395	350	320	26-3	12-φ22	904	320
300	420	445	400	370	26-4	12-φ22	1045	400
350	450	505	460	430	26-4	16-φ22	1177	400
400	480	565	515	482	26-4	16-φ26	1345	500
450	510	615	565	532	28-4	20-φ26	1497	500
500	540	670	620	585	28-4	20-φ26	1648	720

注：本表中法兰尺寸按JB/T 79标准，结构长度按GB/T 12221标准。
Note: The dimensions of flanges in this table are JB/T 79 standard, and the Face to Face is GB/T 12221 standard.

国标楔式闸阀
GB WEDGE GATE VALVE

主要外形连接尺寸 Main Boundary Connection Dimensions PN1.6MPa

DN(mm)	L	D	D1	D2	b-f	z-φd	H
15	130	95	65	45	14-2	4-φ14	185
20	150	105	75	55	14-2	4-φ14	200
25	160	115	85	65	14-2	4-φ14	225
32	180	135	100	78	16-2	4-φ18	275
40	200	145	110	85	16-3	4-φ18	295
50	250	160	125	100	16-3	4-φ18	350
65	265	180	145	120	18-3	4-φ18	370
80	280	195	160	135	20-3	8-φ18	390
100	300	215	180	155	20-3	8-φ18	435
125	325	245	210	185	22-3	8-φ18	520
150	350	280	240	210	24-3	8-φ23	610
200	400	335	295	265	26-3	12-φ23	785
250	450	405	355	320	30-3	12-φ25	960
300	500	460	410	375	30-4	12-φ25	1080
350	550	520	470	435	34-4	16-φ25	1200
400	600	580	525	485	36-4	16-φ30	1400
450	650	640	585	545	40-4	20-φ30	1500
500	700	705	650	608	44-4	20-φ34	1630
600	800	840	770	718	48-5	20-φ36	1830
700	900	910	840	788	50-5	24-φ36	1930
800	1000	1020	950	898	52-5	24-φ41	2030
900	1100	1120	1050	998	54-5	28-φ41	2130
1000	1200	1255	1170	1110	56-5	28-φ42	2230

注：本表中法兰尺寸按JB/T 79标准，结构长度按GB/T 12221标准。
Note: The dimensions of flanges in this table are JB/T 79 standard, and the Face to Face is GB/T 12221 standard.

国标楔式闸阀

GB WEDGE GATE VALVE

主要外形连接尺寸 Main Boundary Connection Dimensions

PN2.5MPa

DN(mm)	L	D	D ₁	D ₂	b-f	z-φd	H
15	130	95	65	45	16-2	4-φ14	185
20	150	105	75	55	16-2	4-φ14	200
25	160	115	85	65	16-2	4-φ14	225
32	180	135	100	78	18-2	4-φ18	275
40	200	145	110	85	18-3	4-φ18	295
50	250	160	125	100	20-3	4-φ18	350
65	265	180	145	120	22-3	8-φ18	370
80	280	195	160	135	22-3	8-φ18	390
100	300	230	190	160	24-3	8-φ23	435
125	325	270	220	188	28-3	8-φ25	520
150	350	300	250	218	30-3	8-φ25	610
200	400	360	310	278	34-3	12-φ25	785
250	450	425	370	332	36-3	12-φ30	930
300	500	485	430	390	40-4	16-φ30	1080
350	550	550	490	448	44-4	16-φ34	1250
400	600	610	550	505	48-4	16-φ34	1430
450	650	660	600	555	50-4	20-φ34	1520
500	700	730	660	610	52-4	20-φ36	1650
600	800	840	770	718	56-5	20-φ41	1850
700	900	955	875	815	60-5	24-φ42	1950
800	1000	1070	990	930	64-5	24-φ48	2050
900	1100	1180	1090	1025	66-5	28-φ48	2150

主要外形连接尺寸 Main Boundary Connection Dimensions

PN4.0MPa

DN(mm)	L	D	D ₁	D ₂	b-f	z-φd	H
15	130	95	65	45	16-2	4-φ14	185
20	150	105	75	55	16-2	4-φ14	200
25	160	115	85	65	16-2	4-φ14	225
32	180	135	100	78	18-2	4-φ18	275
40	200	145	110	85	18-3	4-φ18	295
50	250	160	125	100	20-3	4-φ18	350
65	280	180	145	120	22-3	8-φ18	370
80	310	195	160	135	22-3	8-φ18	390
100	350	230	190	160	24-3	8-φ23	435
125	400	270	220	188	28-3	8-φ25	520
150	450	300	250	218	30-3	8-φ25	610
200	550	375	320	282	38-3	12-φ30	970
250	650	445	385	345	42-3	12-φ34	930
300	750	510	450	408	46-4	16-φ34	1080
350	850	570	510	465	52-4	16-φ34	1250
400	950	655	585	535	58-4	16-φ41	1460
500	1150	755	670	612	60-4	20-φ48	1650
600	1350	890	795	730	62-5	20-φ54	1850

注：本表中法兰尺寸按JB/T 79标准，结构长度按GB/T 12221标准。
Note: The dimensions of flanges in this table are JB/T 79 standard, and the Face to Face is GB/T 12221 standard.

国标楔式闸阀

GB WEDGE GATE VALVE

主要外形连接尺寸 Main Boundary Connection Dimensions

PN6.4MPa

DN(mm)	L	D	D ₁	D ₂	b-f	z-φd	H
15	170	105	75	55	18-2	4-φ14	185
20	190	125	90	68	20-2	4-φ18	200
25	210	135	100	78	22-2	4-φ18	225
32	230	150	110	82	24-2	4-φ23	380
40	240	165	125	95	24-3	4-φ23	300
50	250	175	135	105	26-3	4-φ23	360
65	280	200	160	130	28-3	8-φ23	385
80	310	210	170	140	30-3	8-φ23	400
100	350	250	200	168	32-3	8-φ25	450
125	400	295	240	202	36-3	8-φ30	540
150	450	340	280	240	38-3	8-φ34	630
200	550	405	345	300	44-3	12-φ34	820
250	650	470	400	352	48-3	12-φ41	960
300	750	530	460	412	54-4	16-φ41	1130
350	850	595	525	475	60-4	16-φ41	1300
400	950	670	585	525	66-4	16-φ48	1450

主要外形连接尺寸 Main Boundary Connection Dimensions

PN10.0MPa

DN(mm)	L	D	D ₁	D ₂	b-f	z-φd	H
15	170	105	75	55	20-2	4-φ14	185
20	190	125	90	68	22-2	4-φ18	200
25	210	135	100	78	24-2	4-φ18	225
32	230	150	110	82	24-2	4-φ23	280
40	240	165	125	95	26-3	4-φ23	300
50	250	195	145	112	28-3	4-φ25	360
65	280	220	170	138	32-3	8-φ25	385
80	310	230	180	148	34-3	8-φ25	400
100	350	265	210	172	38-3	8-φ30	450
125	400	315	250	210	42-3	8-φ34	450
150	450	350	290	250	46-3	12-φ34	630
200	550	430	360	312	54-3	12-φ41	820
250	650	500	430	382	60-3	12-φ41	960
300	750	585	500	442	70-4	16-φ48	1130
350	850	655	560	498	76-4	16-φ54	1300
400	950	715	620	558	80-4	16-φ54	1450

注：本表中法兰尺寸按JB/T 79标准，结构长度按GB/T 12221标准。
Note: The dimensions of flanges in this table are JB/T 79 standard, and the Face to Face is GB/T 12221 standard.

电动楔式闸阀

ELECTRIC WEDGE GATE VALVE

产品用途 Product Usage

电动楔式闸阀是一种做直线运动的阀门，它与Z型多回转执行机构相配，有开关型和智能型。此阀门操作简单是一种最常见的启闭阀，它利用闸板的上下工作来接通和关断管道中的流体介质。广泛用于电力、冶金、石油、化工、造纸、污水处理等行业。

Electric wedge gate valve is a kind of linear motion of the valve, it has to do with Z type rotary actuators are more suitable, had an "on/off" switch and intelligent. This valve is simple is one of the most common opening and closing valve that uses disc and work to get through and shut off fluid medium in the pipeline. Widely used in electric power, metallurgy, petroleum, chemical industry, paper making, sewage treatment and other industries.

产品特点 Product Features

- 1、流体阻力小，密封面受介质的冲刷和侵蚀小(闸板开启高度高)；

2、开启较有力，密封性能好，介质流向不受限制，不扰流，不降压力；

3、形体简单，制造工艺性好，适用范围广。
1. Small fluid resistance, sealing surface erosion and erosion of small by the medium (the height at the gate open);

2. Open more powerful, sealed performance is good, medium flow direction is not restricted, not disturbing, not pressure;

3. Simple form, good manufacturing technology, wide application scope.

执行标准 Execution Standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to face	连接法兰 Flange end	试验与检验 Test & check	压力-温度 Pressure-temp
	GB/T12234	GB/T12221	JB/T 79 GB/T9113 HG/T20592	GB/T 13927 JB/T9092	GB/T 12224

主要性能规范 Main Performance Specifications

1、试验压力 Test pressure

公称压力PN(MPa) Nominal Pressure	壳体 Shell	试验压力(MPa) Test pressure		上密封 Back seat
		液密封 Liquid seal	气密封 Gas seal	
1.6	2.4	1.8	0.6	1.8
2.5	3.8	2.8	0.6	2.8
4.0	6.0	4.4	0.6	4.4
6.4	9.6	7.0	0.6	7.0
10.0	15.0	11.0	0.6	11.0
16.0	24.0	18.0	0.6	18.0

2、适用介质及适用温度 Applicable media & Applicable temperature

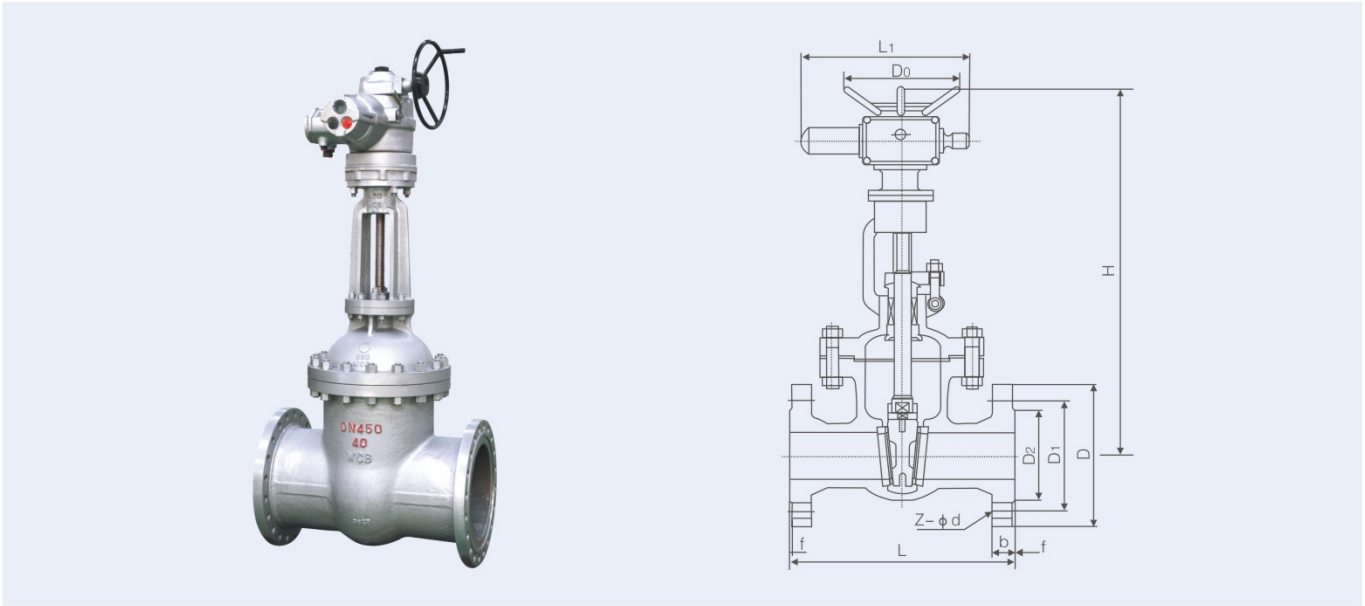
壳体材料 Shell material	适用介质 Applicable media	适用温度℃ Applicable temperature
碳素钢(C型) Carburizing steel (C type)	水、蒸汽、油品 Water, steam, oil goods	≤425
铬镍钢(P型) Cr.Ni, steel (P type)	硝酸类 Nitric acid	≤200
铬镍钼钢(R型) Cr.Ni.Mo. steel (R type)	醋酸类 Acetic acid	≤200
铬钼钢(I型) Cr.Mo steel (I type)	水、蒸汽、油品 Water, steam, oil goods	≤550

主要零件材料 Main Part Materials

阀体/阀盖 Body, bonnet	闸板/阀座 Disc, seat	阀杆 Stem	阀杆螺母 Stem nut	填料 Packing	手轮 Handwheel
碳素钢 Carburizing steel	优质碳钢+硬质合金或不锈钢 Carbon steel + hard alloy or stainless steel	铬不锈钢 Cr. stainless steel	铜合金 Copper alloy	石墨石棉盘根 Graphite asbestos packing	可锻铸铁 Malleable iron
铬镍钢 Cr.Ni, steel	不锈钢、不锈钢+硬质合金 Stainless steel, stainless steel + hard alloy	铬镍不锈钢 Cr.Ni, stainless steel	铜合金 Copper alloy	浸聚四氟乙烯 Dipping polytetrafluoroethylene	可锻铸铁 Malleable iron
铬镍钼钢 Cr.Ni.Mo. steel	不锈钢、不锈钢+硬质合金 Stainless steel, stainless steel + hard alloy	铬镍钼不锈钢 Cr.Ni, stainless steel	铜合金 Copper alloy	烯石棉盘根 Asbestos coil	可锻铸铁 Malleable iron
铬钼钢 Cr.Mo steel	合金钢+硬质合金 Alloy steel + hard alloy	铬钼钢 Cr.Mo steel	铜合金 Copper alloy	柔性石墨 Flexible graphite	可锻铸铁 Malleable iron

电动楔式闸阀

ELECTRIC WEDGE GATE VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

DN(mm)	L	D	D1	D2	b	f	Z-φd	H	电动装置 Electric device	WT (Kg)
	Z940H Z941Y -16C		Z940 Z941	Y-16P/R/PL/RL		Z940 Z941	W-16P/R/PL/RL		Z940 Z941	Y-16I
40	200	145	110	85	16	3	4-φ18	595	DZW15	53
50	250	160	125	100	16	3	4-φ18	653	DZW20	59
65	265	180	145	120	18	3	4-φ18	665	DZW20	62
80	280	195	160	135	20	3	8-φ18	725	DZW20	74
100	300	215	180	155	20	3	8-φ18	787	DZW20	92
125	325	245	210	185	22	3	8-φ18	787	DZW20	154
150	350	280	240	210	24	3	8-φ23	902	DZW30	161
200	400	335	295	265	26	3	12-φ23	1105	DZW30	219
250	450	405	355	320	30	3	12-φ25	1343	DZW45	376
300	500	460	410	375	30	4	12-φ25	1516	DZW60	484
350	550	520	470	435	34	4	16-φ25	1678	DZW60	695
400	600	580	525	485	36	4	16-φ30	1849	DZW90	977
450	650	640	585	545	40	4	20-φ30	1937	DZW90	1033
500	700	705	650	608	44	4	20-φ34	2234	DZW120	1087
600	800	840	770	718	48	5	20-φ36	2432	DZW180	1357
700	900	910	840	788	50	5	24-φ36	2489	DZW250	1481
800	1000	1020	950	898	52	5	24-φ41	2643	DZW350	1845

注：1、本表中法兰尺寸按JB/T 79标准，结构长度按GB/T 12221-2005标准。2、DN700、DN800的型号为Z942型。
Note: 1.The dimensions of flanges in this table are JB/T 79 standard, and the Face to Face is GB/T 12221-2005 standard.
2.DN700, DN800 type is Z942.

电动楔式闸阀

ELECTRIC WEDGE GATE VALVE

主要外形连接尺寸 Main Boundary Connection Dimensions

DN(mm)	L	D	D ₁	D ₂	b	f	Z-φ d	H	电动装置 Electric dewice	WT(Kg)
Z940H Z941Y -25C		Z940 Z941 Y-25P/R/PL/RL				Z940 Z941	W-25P/R/PL/RL		Z940 Z941 Y-25I	
40	200	145	110	85	18	3	4-φ 18	595	DZW15	60
50	250	160	125	100	20	3	4-φ 18	653	DZW20	64
65	265	180	145	120	22	3	8-φ 18	665	DZW20	65
80	280	195	160	135	22	3	8-φ 18	725	DZW20	79
100	300	230	190	160	24	3	8-φ 23	787	DZW20	98
125	325	270	220	188	28	3	8-φ 25	902	DZW30	154
150	350	300	250	218	30	3	8-φ 25	955	DZW30	168
200	400	360	310	278	34	3	12-φ 25	1105	DZW45	219
250	450	425	370	332	36	3	12-φ 30	1343	DZW45	390
300	600	485	430	390	40	4	16-φ 30	1516	DZW60	505
350	550	550	490	448	44	4	16-φ 34	1678	DZW60	736
400	600	610	550	505	48	4	16-φ 34	1849	DZW90	1027
450	650	660	600	555	50	4	20-φ 34	1937	DZW90	1139
500	700	730	660	610	52	4	20-φ 36	2234	DZW120	1228
600	800	840	770	718	56	5	20-φ 41	2432	DZW180	1502
700	900	955	875	815	60	5	24-φ 42	2489	DZW250	1617
800	1000	1070	990	930	64	5	24-φ 48	2643	DZW350	1923

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

主要外形连接尺寸 Main Boundary Connection Dimensions

DN(mm)	L	D	D ₁	D ₂	D ₆	b	f	Z-φ d	f ₂	H	电动装置 Electric dewice	WT (Kg)
Z940H Z941Y	-40C		Z940 Z941	Y-40P/R/PL/RL			Z940 Z941	W-40P/R/PL/RL		Z940 Z941	Y-40I	
40	190	145	110	85	76	18	3	4-φ 18	4	617	DZW15	62
50	216	160	125	100	88	20	3	4-φ 18	4	665	DZW20	66
65	241	180	145	120	110	22	3	8-φ 18	4	680	DZW20	68
80	283	195	160	135	121	22	3	8-φ 18	4	752	DZW20	80
100	305	230	190	160	150	24	3	8-φ 23	4.5	846	DZW30	108
125	400	270	220	188	176	28	3	8-φ 25	4.5	948	DZW30	190
150	450	300	250	218	204	30	3	8-φ 25	4.5	1087	DZW45	258
200	550	375	320	282	260	38	3	12-φ 30	4.5	1243	DZW45	366
250	650	445	385	345	313	42	3	12-φ 34	4.5	1429	DZW60	472
300	750	510	450	408	364	46	4	16-φ 34	4.5	1608	DZW90	673
350	850	570	510	465	422	52	4	16-φ 34	5	1738	DZW90	804
400	950	655	585	535	474	58	4	16-φ 41	5	1897	DZW120	1081
450	1050	680	610	560	524	60	4	20-φ 48	5	2104	DZW120	1259
500	1150	755	670	612	576	62	4	20-φ 48	5	2401	DZW180	1348

注：本表中法兰尺寸按JB/T 79标准，结构长度按GB/T 12221标准。
Note: The dimensions of flanges in this table are JB/T 79 standard, and the Face to Face is GB/T 12221 standard.

电动楔式闸阀

ELECTRIC WEDGE GATE VALVE

主要外形连接尺寸 Main Boundary Connection Dimensions

DN(mm)	L	D	D ₁	D ₂	D ₆	b	f	Z-φ d	f ₂	H	电动装置 Electric dewice	WT (Kg)
Z940H Z941Y	-64C		Z940H Z941Y	-64P/R/PL/RL			Z940 Z941	W-64P/R/PL/RL		Z940 Z941	Y-64I	
50	250	175	135	105	99	26	3	4-φ 23	4	667	DZW20	68
65	280	200	160	130	118	28	3	8-φ 23	4	685	DZW20	72
80	310	210	170	140	132	30	3	8-φ 23	4	748	DZW30	88
100	350	250	200	168	156	32	3	8-φ 25	4.5	845	DZW30	117
150	450	340	280	240	284	38	3	8-φ 34	4.5	1253	DZW60	432
200	550	405	345	300	345	44	3	12-φ 34	4.5	1449	DZW60	595
250	650	470	400	352	409	48	3	12-φ 41	4.5	1867	DZW90	721
300	750	530	460	412	465	54	4	16-φ 41	5	1931	DZW120	863
350	850	595	525	475	535	60	4	16-φ 41	5	2017	DZW180	1129
400	950	670	585	525	615	66	4	16-φ 48	5	2459	DZW250	1493
Z940H Z941Y	-100C		Z940 Z941	Y-100P/R/PL/RL			Z940 Z941	W-100P/R/PL/RL		Z940 Z941	Y-100I	
50	250	195	145	112	88	28	3	4-φ 25	4	781	DZW20	78
65	280	220	170	138	110	32	3	8-φ 25	4	830	DZW20	96
80	310	230	180	148	121	34	3	8-φ 25	4	865	DZW30	126
100	350	265	210	172	150	38	3	8-φ 30	4.5	1179	DZW30	134
150	450	350	290	250	260	46	3	12-φ 34	4.5	1611	DZW90	484
200	550	430	360	312	313	54	3	12-φ 41	4.5	1903	DZW90	608
250	650	500	430	382	364	60	3	12-φ 41	4.5	2054	DZW120	757
300	750	585	500	442	422	70	4	16-φ 48	5	2132	DZW180	994
350	850	655	560	498	474	76	4	16-φ 54	5	2321	DZW250	1269

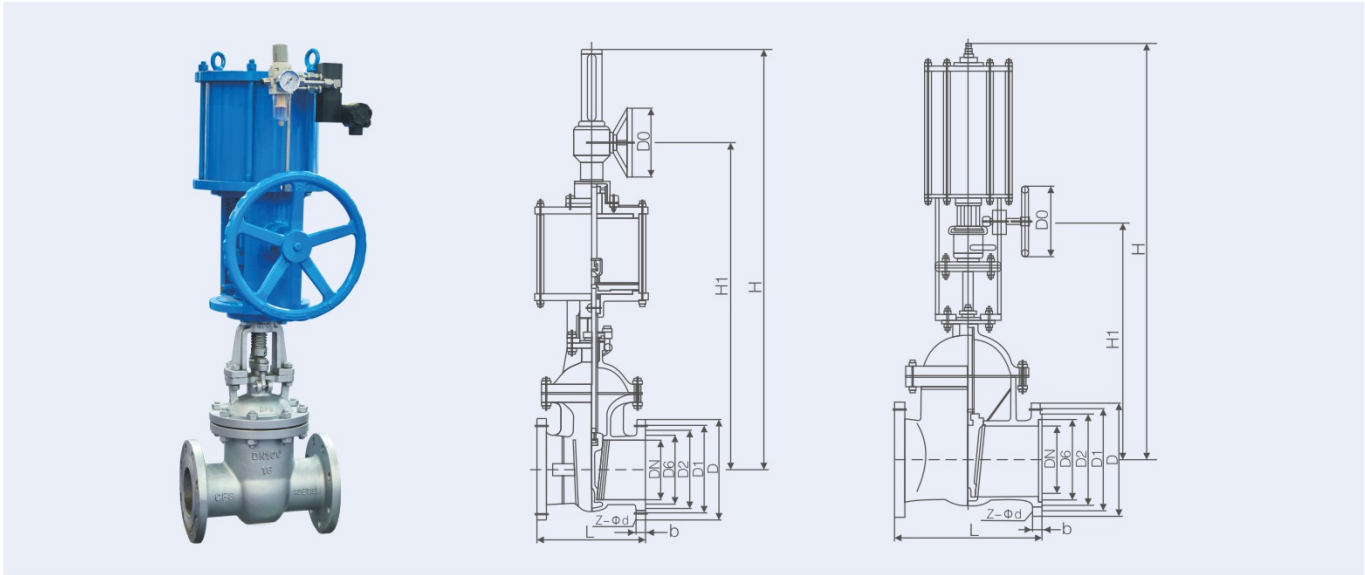
主要外形连接尺寸 Main Boundary Connection Dimensions

DN(mm)	L	D	D ₁	D ₂	D ₆	b	f	Z-φ d	f ₂	H	电动装置 Electric dewice	WT (Kg)
Z940H Z941Y	-160C		Z940 Z941	Y-160P/R/PL/RL			Z940 Z941	W-160P/R/PL/RL		Z940 Z941	Y-160I	
50	300	215	165	132	88	36	3	8-φ 25	4	905	DZW20	101
65	340	245	190	152	110	44	3	8-φ 30	4	968	DZW20	137
80	390	260	205	168	121	46	3	8-φ 30	4	978	DZW30	167
100	450	300	240	200	150	48	3	8-φ 34	4.5	1043	DZW30	211
125	525	355	285	238	176	60	3	8-φ 41	4.5	1248	DZW60	424
150	600	390	318	270	204	66	3	12-φ 41	4.5	1394	DZW90	588
200	750	480	400	345	260	78	3	12-φ 48	4.5	1621	DZW120	839

注：本表中法兰尺寸按JB/T 79标准，结构长度按GB/T 12221标准。
Note: The dimensions of flanges in this table are JB/T 79 standard, and the Face to Face is GB/T 12221 standard.

气动法兰闸阀

PNEUMATIC FLANGE GATE VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

PN1.6MPa

DN(mm)	L	D	D1	D2	b	Z-Φd	H	H1	D0	WT(kg)
CZ6s40H-16C			CZ6s40Y-16P			CZ6s40Y-16R				
50	250	160	125	100	16	4-φ 18	950	570	180	36
65	270	180	145	120	18	4-φ 18	1050	596	180	53
80	280	195	160	135	20	8-φ 18	1080	635	200	72
100	300	215	180	155	20	8-φ 18	1145	645	250	90
125	320	245	210	185	22	8-φ 18	1210	685	250	120
150	350	280	240	210	24	8-φ 23	1300	720	320	132
200	400	335	295	265	26	12-φ 23	1660	940	400	258
250	450	405	355	320	30	12-φ 25	1790	1050	400	297
300	500	460	410	375	30	12-φ 25	1990	1150	450	420
350	550	520	470	435	34	16-φ 25	2090	1170	450	558
400	600	580	525	485	36	16-φ 30	2290	1325	500	840
450	650	640	585	545	40	20-φ 30	2485	1465	500	1110
500	700	705	650	608	44	20-φ 34	2640	1590	550	1380
600	800	840	770	718	48	20-φ 36	2940	1720	550	1620
700	900	910	840	788	50	24-φ 36	3450	1960	600	1966
800	1000	1020	950	898	52	24-φ 41	3650	2190	600	2282
900	1100	1120	1050	998	54	28-φ 41	3815	2400	800	2495
1000	1200	1255	1170	1110	56	28-φ 42	4000	2650	800	2760

气动法兰闸阀

PNEUMATIC FLANGE GATE VALVE

主要外形连接尺寸 Main Boundary Connection Dimensions

PN2.5MPa

DN(mm)	L	D	D1	D2	b	Z-Φd	H	H1	D0	WT(kg)
CZ6s40H-25C			CZ6s40Y-25P			CZ6s40Y-25R				
50	250	160	125	100	20	4-Φ 18	950	570	180	36
65	270	180	145	120	22	8-Φ 18	1050	596	180	55
80	280	195	160	135	22	8-Φ 18	1080	635	200	76
100	300	230	190	160	24	8-Φ 23	1145	645	250	94
125	325	270	220	188	28	8-Φ 25	1210	685	250	126
150	350	300	250	218	30	8-Φ 25	1300	720	320	136
200	400	360	310	278	34	12-Φ 25	1660	940	400	265
250	450	425	370	332	36	12-Φ 30	1790	1020	400	300
300	500	485	430	390	40	16-Φ 30	1990	1150	450	436
350	550	550	490	448	44	16-Φ 34	2090	1170	450	580
400	600	610	550	505	48	16-Φ 34	2290	1325	500	860
450	650	660	600	555	50	20-Φ 34	2485	1465	500	1260
500	700	730	660	610	52	20-Φ 41	2640	1590	550	1420
600	800	840	770	718	56	20-Φ 41	2940	1720	550	1710
700	900	955	875	815	60	24-Φ 48	3450	1960	600	2105
800	1000	1070	990	930	64	24-Φ 48	3650	2190	600	2310
900	1100	1180	1090	1025	66	28-Φ 54	3815	2400	800	2620
1000	1200	1305	1210	1140	68	28-Φ 58	4000	2650	800	2960

主要外形连接尺寸 Main Boundary Connection Dimensions

PN4.0MPa

DN(mm)	L	D	D1	D2	D6	b	Z-Φd	H	H1	D0	WT(kg)
CZ6s40H-40C			CZ6s40Y-40P			CZ6s40Y-40R					
50	250	160	125	100	88	20	4-φ 18	950	570	200	42
65	280	180	145	120	110	22	8-φ 18	1050	596	200	68
80	310	195	160	135	121	22	8-φ 18	1080	635	250	84
100	350	230	190	160	150	24	8-φ 23	1145	645	320	102
125	400	270	220	188	176	28	8-φ 25	1210	700	320	135
150	450	300	250	218	204	30	8-φ 25	1330	750	400	156
200	550	375	320	282	260	38	12-φ 30	1660	940	400	276
250	650	445	385	345	313	42	12-φ 34	1820	1050	450	306
300	750	510	450	408	364	46	16-φ 34	1990	1150	450	510
350	850	570	510	465	422	52	16-φ 34	2110	1190	500	720
400	950	655	585	535	474	58	16-φ 41	2335	1370	550	1050
450	1050	680	610	560	524	60	20-φ 41	2490	1510	550	1320
500	1150	755	670	612	576	62	20-φ 48	2640	1590	550	1800
600	1350	890	795	730	678	62	20-φ 54	2940	1720	600	2160

美标铸钢闸阀

API CAST STEEL GATE VALVE

产品用途 Product Usage

美标铸钢闸阀是流体输送系统中的控制部件，具有截止、调节、导流、防止逆流、稳压、分流或溢流泄压等功能；用于流体控制系统的阀门，从最简单的美标截止阀到极为复杂的自控系统中所用的各种美标阀门，其品种和规格相当繁多。阀门可用于控制空气、水、蒸汽、各种腐蚀性介质、泥浆、油品、液态金属和放射性介质等各种类型流体的流动。

API cast steel gate valve is a fluid conveying system, a cut-off, regulation, guide, to prevent the reverse flow, the function such as voltage, the leakage of the shunt or overflow; Used for fluid flow control system valve system, from the most simple of American standard cut-off valve to the extremely complex control system used in all kinds of American standard valve, its quite a wide varieties and specifications. The valve can be used to control air, water, steam,all kinds of corrosive medium, mud, oil, liquid metal and radioactive medium such as various types of fluid flow.

产品特点 Product Features

- 1、产品设计制造符合国外先进标准要求，密封可靠，性能优良；

2、结构设计紧凑合理，造型美观；

3、采用楔式弹性闸板结构，中大口径设置滚动轴承，启闭轻松；

4、阀体材料品种齐全，填料、垫片根据实际工况或用户要求合理选配，可适用于各种压力、温度及介质工况。
1. The product design and manufacture conform to the requirements of the advanced foreign standards, reliable sealing, good performance;

2. Compact and reasonable structure design, beautiful shape;

3. Adopting the wedge gate structure, large diameter set the rolling bearing, easy opening and closing;

4. The valve body materials, variety complete, packing and gasket reasonable selection according to actual working condition or the user requirements, can be applied to all kinds of pressure, temperature and medium conditions.

执行标准 Execution Standard

设计与制造 Desing and manufacture	结构长度 Face to Face	连接法兰 Flange end	对焊连接尺寸 Butt welding dimension	压力-温度 Pressure-temp	试验与检验 Test & check
API 600	ANSI B16.10	ANSI B16.5	ANSI B16.25	ANSI B16.34	API 598

主要性能规范 Main Performance Specifications

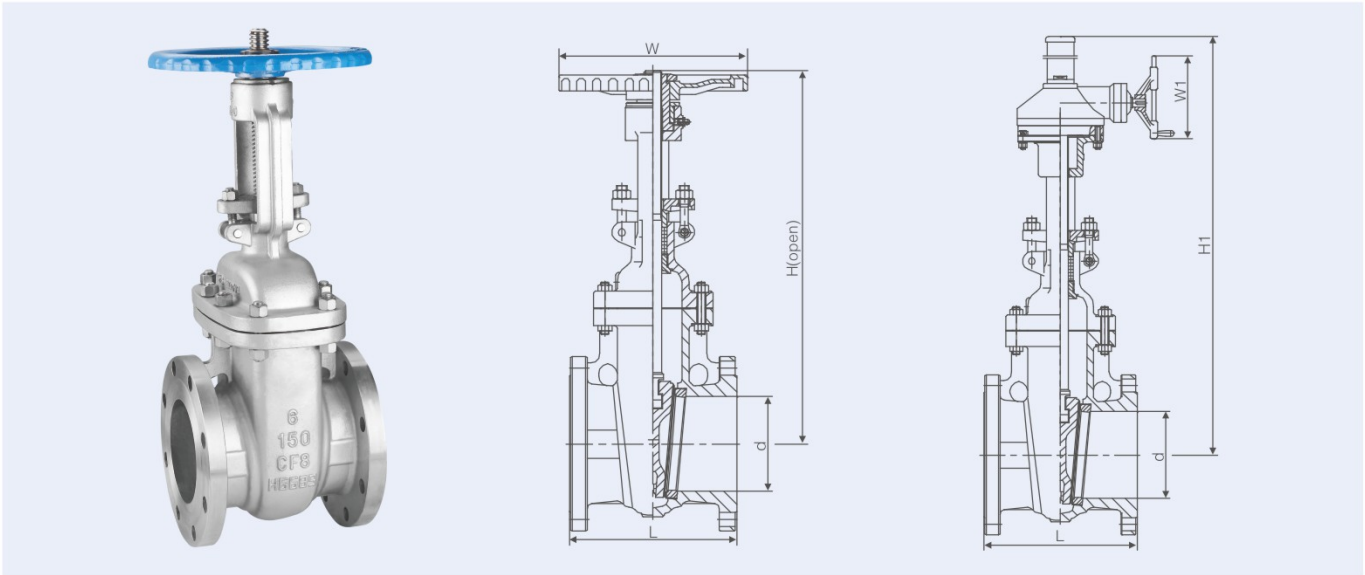
公称压力(Lb) Nominal Pressore	强度试验 Strength test		水密封试验 Water seal test		气密封试验 Air seal test	
	MPa	Lbf/in ²	MPa	Lbf/in ²	MPa	Lbf/in ²
150	3.1	450	2.2	315	0.5~0.7	60~100
300	7.8	1125	5.6	815		
600	15.3	2225	11.2	1630		
900	23.1	3350	16.8	2440		
1500	38.4	5575	28.1	4080		
2500	64.0	9367	46.8	6873		

主要零件材料 Main Part Materials

阀体/阀盖/阀瓣 Body,bonnet,disc	阀杆 Stem	密封面 Sealing face	垫 片(环) Sealing shim	填料 Packing	工作温度(℃) Working temperature	适用介质 Application medium
WCB	20Cr13	13Cr STL 本体材料 Body material PTFE 尼龙 Nylon	增强柔性石墨 Reinforced flexible graphite 13Cr 柔性石墨 Flexible graphite SFB-2 08软钢 Soft steel	NBR/FPM 柔性石墨 增强柔性石墨 Flesible graphite enhanced flexible graphite SFB/260 SFP/260 PTFE	≤425	水、蒸汽、油品 Water, steam, oil
WC1	38CrMoAl 25Cr2Mov				≤450	
WC6					≤540	
WC9					≤570	
C5 C12					≤540	
CF8	F304			F304 F316 F304L F316L	≤600	硝酸、醋酸、尿素 Nitric acid, acetic acid, urea
CF3	F316					
CF8M	F304L					
CF3M	F316L					

美标铸钢闸阀

API CAST STEEL GATE VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

Class 150Lb

磅级 Class	NPS (in)	DN (mm)	L			d	H	H ₁	W	W ₁	WT (kg)	
			RF	RTJ	BW						手轮 Handwheel	传动装置 Gear box
Class 150	1/2	15	108	119	108	15	195	—	120	—	4	—
	3/4	20	117	130	117	19	210	—	120	—	5	—
	1	25	127	140	127	25	240	—	140	—	7	—
	1 ¹ / ₄	32	140	153	140	32	300	—	180	—	10	—
	1 ¹ / ₂	40	165	178	165	38	395	—	200	—	14	—
	2	50	216	191	216	49	400	—	200	—	19	—
	2 ¹ / ₂	65	241	203	241	62	435	—	200	—	25	—
	3	80	282	216	282	74	515	—	250	—	33	—
	4	100	305	241	305	100	595	—	280	—	49	—
	5	125	381	267	381	127	725	—	280	—	62	—
	6	150	403	279	403	150	780	820	300	310	77	104
	8	200	419	305	419	201	975	1020	350	310	123	150
	10	250	457	343	457	282	1150	1200	400	310	188	215
	12	300	502	368	502	303	1380	1430	450	310	288	315
	14	350	572	394	572	354	1545	1580	500	310	385	435
	16	400	610	419	610	385	1733	1780	500	460	500	552
	18	450	660	445	660	436	1915	1990	500	460	601	653
	20	500	711	470	711	487	2122	2220	600	460	764	816
	24	600	813	521	813	589	2520	2600	600	460	1007	1185
	26	650	864	—	864	633	—	2800	—	600	—	1550
	28	700	914	—	914	684	—	3050	—	600	—	1880
	30	750	914	—	914	735	—	3130	—	600	—	2300
	32	800	965	—	965	779	—	3280	—	600	—	2550

注：本表中法兰尺寸按 ASME B16.5标准，结构长度按ASME B16.10标准。
Note: The dimensions of flanges in this table are ASME B16.5 standard, and the Face to Face is ASME B16.10 standard.

美标铸钢闸阀

API CAST STEEL GATE VALVE

主要外形连接尺寸 Main Boundary Connection Dimensions

Class 300~600Lb

磅级 Class	NPS (in)	DN (mm)	L			d	H	H ₁	W	W ₁	W T (kg)	
			RF	RTJ	BW						手轮 Handwheel	传动装置 Gear box
Class 300	1/2	15	140	151	140	15	198	—	120	—	6	—
	3/4	20	152	165	152	20	215	—	140	—	7	—
	1	25	165	178	165	25	245	—	160	—	10	—
	1 ¹ / ₄	32	178	191	178	32	306	—	180	—	15	—
	1 ¹ / ₂	40	190	203	190	38	400	—	200	—	21	—
	2	50	216	232	216	49	420	—	200	—	25	—
	2 ¹ / ₂	65	241	257	241	62	446	—	200	—	30	—
	3	80	282	298	282	74	537	—	250	—	48	—
	4	100	305	321	305	100	619	650	280	310	73	100
	5	125	381	397	381	127	722	750	300	310	99	126
	6	150	403	419	403	150	806	835	350	310	130	186
	8	200	419	435	419	201	1000	1030	400	310	208	235
	10	250	457	473	457	252	1240	1280	450	310	334	386
	12	300	502	518	502	303	1425	1460	500	310	450	502
	14	350	762	778	762	334	1585	1620	600	460	704	756
	16	400	838	854	838	385	1790	1830	500	460	923	965
	18	450	914	930	914	436	1960	2000	650	460	1131	1224
	20	500	991	1010	991	487	2158	2220	750	460	1345	1400
	24	600	1143	1165	1143	589	2576	2620	900	600	2122	2385
	26	650	1245	1270	1245	633	—	2850	—	600	—	3000
Class 600	28	700	1346	1372	1346	684	—	3080	—	600	—	3300
	30	750	1397	1422	1397	735	—	3180	—	600	—	3550
	32	800	1524	1553	1524	779	—	3300	—	600	—	4400
	2	50	292	295	292	49	444	—	200	—	32	—
	2 ¹ / ₂	65	330	330	330	62	500	—	250	—	52	—
	3	80	356	359	356	74	558	585	280	310	60	87
	4	100	432	435	432	100	665	695	300	310	107	134
	5	125	508	511	508	127	760	790	350	310	175	227
	6	150	559	562	559	150	868	900	450	310	216	268
	8	200	660	664	660	201	1073	1110	500	310	399	451
	10	250	787	791	787	252	1263	1300	650	460	605	657
	12	300	838	841	838	303	1600	1650	700	460	851	893
	14	350	889	892	889	334	1705	1750	900	460	1177	1232
	16	400	991	994	991	385	1835	1900	900	460	1513	1568
	18	450	1092	1095	1092	436	—	2020	—	600	—	1980
	20	500	1194	1200	1194	487	—	2172	—	600	—	2460
	24	600	1397	1407	1397	589	—	2650	—	600	—	3650

注：本表中法兰尺寸按 ASME B16.5标准，结构长度按ASME B16.10标准。
Note: The dimensions of flanges in this table are ASME B16.5 standard, and the Face to Face is ASME B16.10 standard.

美标铸钢闸阀

API CAST STEEL GATE VALVE

主要外形连接尺寸 Main Boundary Connection Dimensions

Class 900~2500Lb

磅级 Class	NPS (in)	DN (mm)	L			d	H	H ₁	W	W ₁	W T (kg)	
			RF	RTJ	BW						手轮 Handwheel	传动装置 Gear box
Class 900	2	50	368	371	368	49	500	—	280	—	70	—
	2 ¹ / ₂	65	419	422	419	62	550	—	280	—	110	—
	3	80	381	384	381	74	610	660	300	310	140	167
	4	100	457	460	457	100	702	750	350	310	200	227
	5	125	559	562	559	121	850	900	400	310	258	285
	6	150	610	613	610	150	980	1060	500	460	358	410
	8	200	737	740	737	201	1100	1140	650	460	550	600
	10	250	838	841	838	252	1320	1370	700	460	1000	1100
	12	300	965	968	965	303	1500	1560	900	460	1215	1310
	14	350	1029	1038	1029	322	1900	1950	900	600	1600	1700
	16	400	1130	1140	1130	373	2050	2100	900	600	2150	2330
Class 1500	2	50	368	371	368	49	510	—	280	—	70	—
	2 ¹ / ₂	65	419	422	419	62	560	—	300	—	110	—
	3	80	470	473	470	74	620	670	350	310	175	202
	4	100	546	549	546	100	728	770	400	310	270	300
	5	125	673	676	673	111	870	920	450	310	378	405
	6	150	705	711	705	144	1000	1070	500	460	520	575
	8	200	832	841	832	192	1130	1180	750	460	820	915
	10	250	991	1000	991	239	1360	1410	900	600	1560	1750
	12	300	1130	1146	1130	287	—	1620	—	600	—	2120
	14	350	1257	1276	1257	315	—	2020	—	600	—	2600
	16	400	1384	1407	1384	360	—	2180	—	600	—	3450
Class 2500	2	50	451	454	451	42	530	580	280	310	100	130
	2 ¹ / ₂	65	508	514	508	52	580	630	300	310	150	180
	3	80	578	584	578	62	650	700	350	310	245	275
	4	100	673	683	673	87	750	800	400	310	390	420
	5	125	794	807	794	92	900	960	500	460	550	580
	6	150	914	927	914	131	1040	1100	600	460	780	835
	8	200	1022	1038	1022	179	1150	1200	750	460	1260	1355
	10	250	1270	1292	1270	223	1400	1460	900	600	2380	2565
	12	300	1422	1445	1422	265	—	1660	—	600	—	3250

注：本表中法兰尺寸按 ASME B16.5标准，结构长度按ASME B16.10标准。
Note: The dimensions of flanges in this table are ASME B16.5 standard, and the Face to Face is ASME B16.10 standard.

暗杆楔式闸阀
NON-RISING STEM WEDGED GATE VALVE

产品用途 Product Usage

广泛适用于石油化工、冶金、水处理、电厂、油品、水蒸汽等管路上作接通或截断管路中介质的启闭装置。驱动方式分手动、电动、气动、齿轮传动。

Widely used in petroleum chemical industry, metallurgy, water treatment, power plants, oil, steam pipeline, such as on or truncated the medium inside the pipe opening and closing device. Drive way to break up, electric, pneumatic, gear transmission.

产品特点 Product Features

- 1、结构紧凑、设计合理、阀门刚性好，通道流畅、流阻系数小；

2、密封面采用不锈钢和硬质合金，使用寿命长；

3、采用柔性石墨填料、密封可靠、操作轻便灵活。
1. Compact structure, reasonable design, valve rigidity, smooth channel, small flow resistance coefficient;

2. The sealing surface of stainless steel and carbide, long service life.

3. Using the flexible graphite packing, reliable seal, flexible operation of the light.

执行标准 Execution Standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to face	连接法兰 Flange end	试验与检验 Test & check	压力-温度 Pressure-temp
	GB/T12234	GB/T12221	JB/T 79 GB/T9113 HG/T20592	GB/T 13927 JB/T9092	GB/T 12224

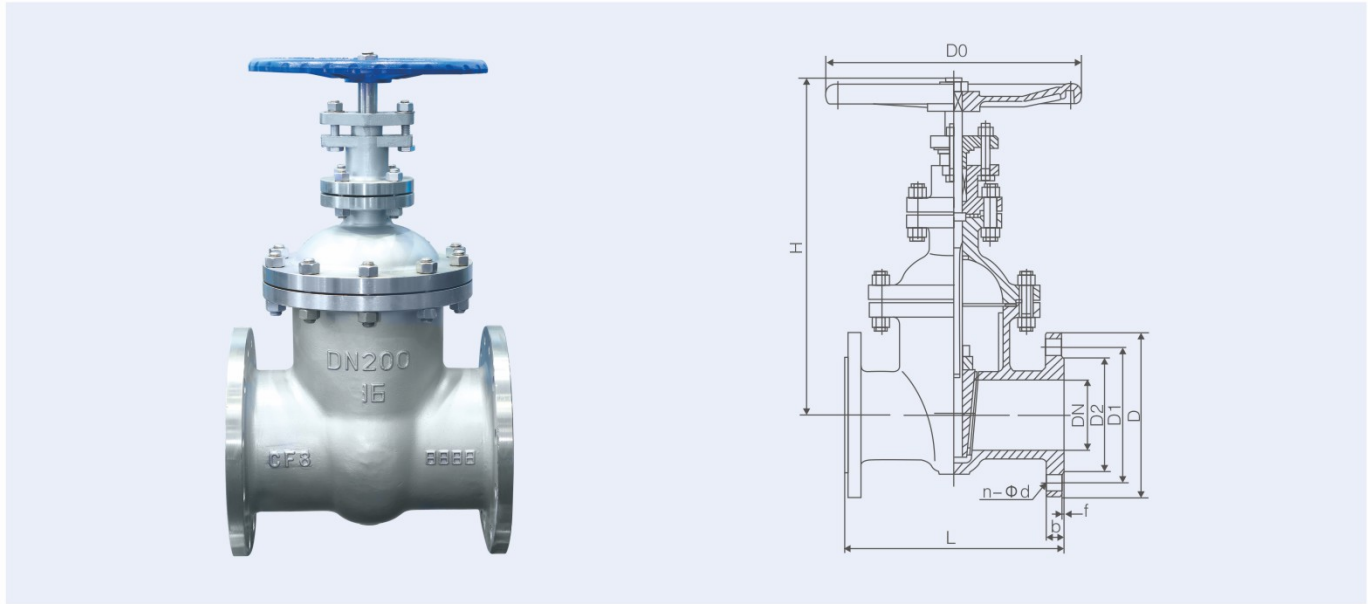
性能规范 Performance Specification

型号 Model	公称压力(MPa) Nominal pressure	试验压力 Test pressure (MPa)		工作温度 Working temperature	适用介质 Applicable medium
		密封 Seal	强度 Strength		
Z45H-10C Z45W-10P Z45T-10C	1.0	1.1	1.5	-29~425℃	水、蒸汽、油品 Water, steam, oil
Z45H-16C Z45W-16P Z45T-16C	1.6	1.76	2.4		

主要零件材料 Main Parts and Materials

型号 Model	阀体/阀盖/闸板 Body, bonnet, disc	密封圈 Seal ring	阀杆 Stem	填料 Packing
Z45H-10C Z45W-10P Z45T-10C	碳钢、不锈钢 Carbon steel, stainless steel	不锈钢、黄铜 Stainless steel, brass	不锈钢、铜 Stainless steel, copper	柔性石墨环 浸油石棉盘根 Flexible graphite ring Immersion oil asbestos packing
Z45H-16C Z45W-16P Z45T-16C				

暗杆楔式闸阀
NON-RISING STEM WEDGED GATE VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

DN(mm)	L	D	D1	D2	b-f	n-φd	H	D0
Z45H-10C								
50	250	165	125	102	18-3	4-18	345	180
65	270	185	145	122	18-3	8-18	376	180
80	280	200	160	138	20-3	8-18	417	200
100	300	220	180	158	20-3	8-18	460	200
125	325	250	210	188	22-3	8-18	525	240
150	350	285	240	212	22-3	8-22	567	240
200	400	340	295	268	24-3	8-22	705	320
250	450	395	350	320	26-3	12-22	800	320
300	500	445	400	370	26-4	12-22	886	400
350	550	505	460	430	26-4	16-22	968	400
400	600	565	515	482	26-4	16-26	1090	500
450	650	615	565	532	28-4	20-26	1175	500
500	700	670	620	585	28-4	20-26	1414	720
600	800	780	725	685	34-5	20-30	1593	720
700	900	895	840	800	34-5	24-30	1812	800

注：本表中法兰尺寸按GB/T 9113-2010标准，结构长度按GB/T 12221-2005标准。
Note: The dimensions of flanges in this table are GB/T 9113-2010 standard, and the Face to Face is GB/T 12221-2005 standard.

暗杆楔式闸阀

NON-RISING STEM WEDGED GATE VALVE

主要外形连接尺寸 Main Boundary Connection Dimensions

DN(mm)	L	D	D1	D2	b-f	n-φd	H	D0
Z45H-16C								
50	250	165	125	102	18-3	4-18	-	240
65	270	185	145	122	18-3	8-18	-	240
80	280	200	160	138	20-3	8-18	-	280
100	300	220	180	158	20-3	8-18	-	360
125	325	250	210	188	22-3	8-18	-	360
150	350	285	240	212	22-3	8-22	-	360
200	400	340	295	268	24-3	12-22	-	400
250	450	405	355	320	26-3	12-26	-	450
300	500	460	410	378	28-4	12-26	-	450
350	550	520	470	438	30-4	16-26	-	640
400	600	580	525	490	32-4	16-30	-	720
500	700	715	650	610	44-4	20-33	-	720
600	800	840	770	725	54-5	20-36	-	720

主要外形连接尺寸 Main Boundary Connection Dimensions

DN(mm)	L	D	D1	D2	b-f	n-φd	H	D0
Z45H-25C								
40	240	150	110	88	18-3	4-18	-	-
50	250	165	125	102	20-3	4-18	-	240
65	270	185	145	122	22-3	8-18	-	240
80	280	200	160	138	24-3	8-18	-	280
100	300	235	190	162	24-3	8-22	-	360
125	325	270	220	188	26-3	8-26	-	360
150	350	300	250	218	28-3	8-26	-	360
200	400	360	310	278	30-3	12-26	-	400
250	450	425	370	335	32-3	12-30	-	450
300	500	485	430	395	34-4	16-30	-	450
350	550	555	490	450	38-4	16-33	-	640
400	600	620	550	505	40-4	16-36	-	720
450	650	670	600	555	46-4	20-36	-	-
500	700	730	660	615	48-4	20-36	-	720
600	800	845	770	720	58-5	20-39	-	720

注：本表中法兰尺寸按GB/T 9113-2010标准，结构长度按GB/T 12221-2005标准。
Note: The dimensions of flanges in this table are GB/T 9113-2010 standard, and the Face to Face is GB/T 12221-2005 standard.

锻钢闸阀

FORGED STEEL GATE VALVE

产品用途 Product Usage

锻钢闸阀适用于压力为1.6~42.0MPa(Class150~2500)、工作温度-29~425℃(碳钢)或-29~500℃(不锈钢)的小口径管路上，用于截断或接通管路中的介质，选用不同的材质，可分别适用于水、蒸汽、油品、硝酸、醋酸、氧化性介质、尿素等多种介质，在石油管道上应用较多。

Forged steel gate valve is suitable for pressure 1.6~42.0MPa(Class150~2500), the working temperature -29~425℃(carbon steel) or -29~500℃ (stainless steel) of small diameter pipe road, used to truncate or through Line in the medium, choose different material, can be respectively suitable for water, steam,oil, nitric acid, acetic acid, oxidizing medium, urea, and other media, In the path of the oil pipeline more application.

产品特点 Product Features

锻钢闸阀大多为大连式缩径设计，与同口径的铸钢闸阀相比流量要稍小，但承受的压力与温度范围要比铸钢闸阀要高，密封性能也要比铸钢闸阀要好许多，寿命更长，介质流动方向同其他闸阀一样不受限制。

Forged steel gate valve are designed for dalian type reducing, and compared with the diameter of the cast steel gate valves flow to be smaller, but the pressure and temperature range is higher than the cast steel valve, sealing performance is much better than cast steel gate valves, longer life, medium flow direction as well as other gate valve is not restricted.

执行标准 Execution Standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to Face	连接法兰 Flange end	试验与检验 Test & check	压力-温度 Pressure-temp
	JB/T7746	JB/T7746	JB/T 79 GB/T9113 HG/T20592	GB/T 26480	JB/T7746 GB/T12224

主要性能规范 Main Performance Specifications

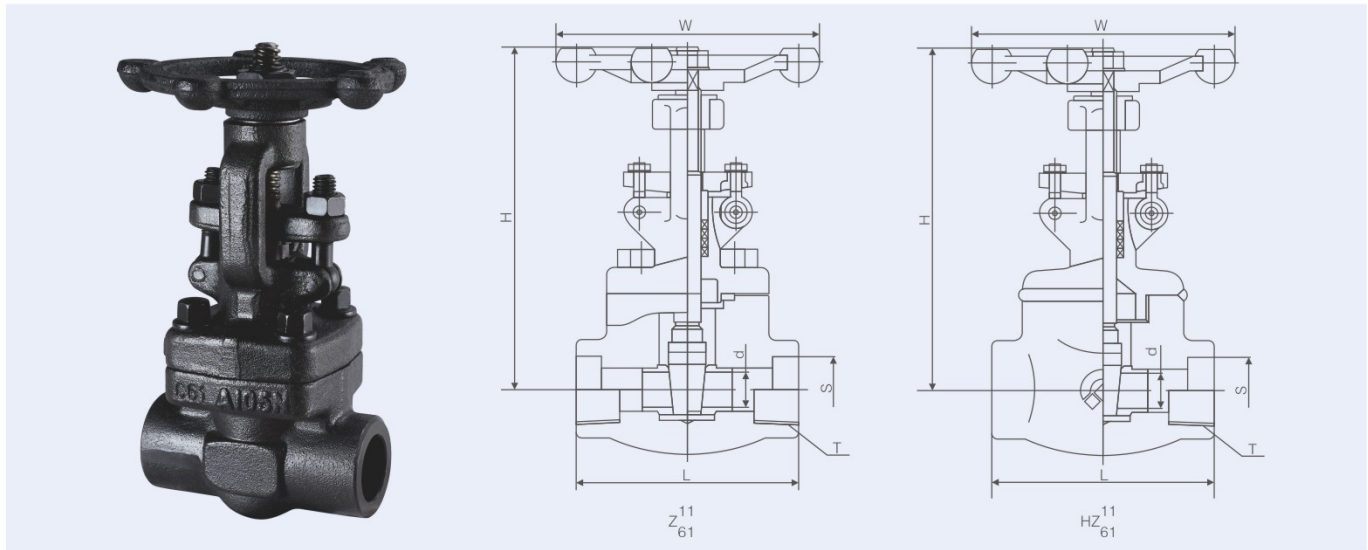
公称压力 Nominal Pressure	试验项目 Teat item	强度试验 Strength test	密封试验 Seal test	气密封试验 Air seal test	适用温度℃ Applicable temperature	适用介质 Applicable medium
1.6		2.4	1.76	0.6	≤550℃	水、油品、 蒸汽、硝酸类 Water、oil steam、Nitric acid
2.5		3.75	2.75			
4.0		6.0	4.4			
6.4		9.6	7.04			
10.0		15.0	11.0			
16.0		24.0	17.6			

主要零件材料 Main Part Materials

零件名称 Part name	零部件材料 Part material	
阀体/阀盖 Body, bonnet	A105	1Cr18Ni9Ti
闸板/阀座 Disc,seat	20Cr13	1Cr18Ni9Ti
阀杆 Stem	20Cr13	1Cr18Ni9Ti
密封圈 Seal ring	1Cr13+HF	1Cr18Ni9Ti+STL
填料 Packing	NBR/FPM 柔性石墨 Flexible graphite	聚四氟乙烯 PTFE
垫片 Gasket	柔性石墨 Flexible graphite	
螺栓 Bolt	35/35CrMo	1Cr18Ni9Ti

锻钢内螺纹、承插焊闸阀

FORGED STEEL INTERNAL THREAD、SOCKET WELDING GATE VALVE



应用规范 Application Specification

- 设计制造：ASME/ANSI B16.34; API 602; JB/T7746
- 连接端尺寸：
 - 承插焊端：ASME/ANSI B16.11; JB/T1751
 - 螺纹连接端：ASME/ANSI B1.20.1(NPT) GB/T7306-87(RC)
- 结构特征：B.B或W.B; OS&Y
- 主体材料：A105; LF2; F5; F11; F22; F304; F316;F304L;F316L
- 阀门检验和试验：API 598; GB/T13927

- Design and manufacturing: ASME/ANSI B16.34; API 602;JB/T7746
- Connection end dimension:
 - Socket weld end: ASME/ANSI B16.11;JB/T1751
 - Threaded connection end: ASME/ANSI B1.20.1(NPT) GB/T7306-87(RC)
- Structure characteristic: B.B or W.B; OS&Y
- Main body material: A105; LF2; F5; F11; F22; F304; F316;F304L;F316L
- Valve inspection and testing: API 598;GB/T13927

主要外形连接尺寸 Main Boundary Connection Dimensions

(PN1.6~14.0MPa;Class150~800)

DN(mm)	R.P	8	10	15	20	25	32	40	50
NPS(in)		1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
DN(mm)	F.P	—	8	10	15	20	25	32	40
NPS(in)		—	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2
d	R.P	7	10	10	13	18	24	29	36.5
	F.P	—	7	10	13	18	24	29	36.5
L	R.P	79	79	92	111	120	120	140	178
	F.P	—	79	92	111	120	120	140	178
H(开启) H(open)	R.P	149	151	151	158	185	239	243	279
	F.P	—	149	151	158	158	239	243	279
W	R.P	100	100	100	100	125	160	160	180
	F.P	—	100	100	100	125	160	160	180
WT (kg)	R.P	1.9	1.9	1.9	2.1	3.2	6.9	6.9	10.4
	F.P	—	1.9	1.9	2.1	3.2	6.9	6.9	10.4

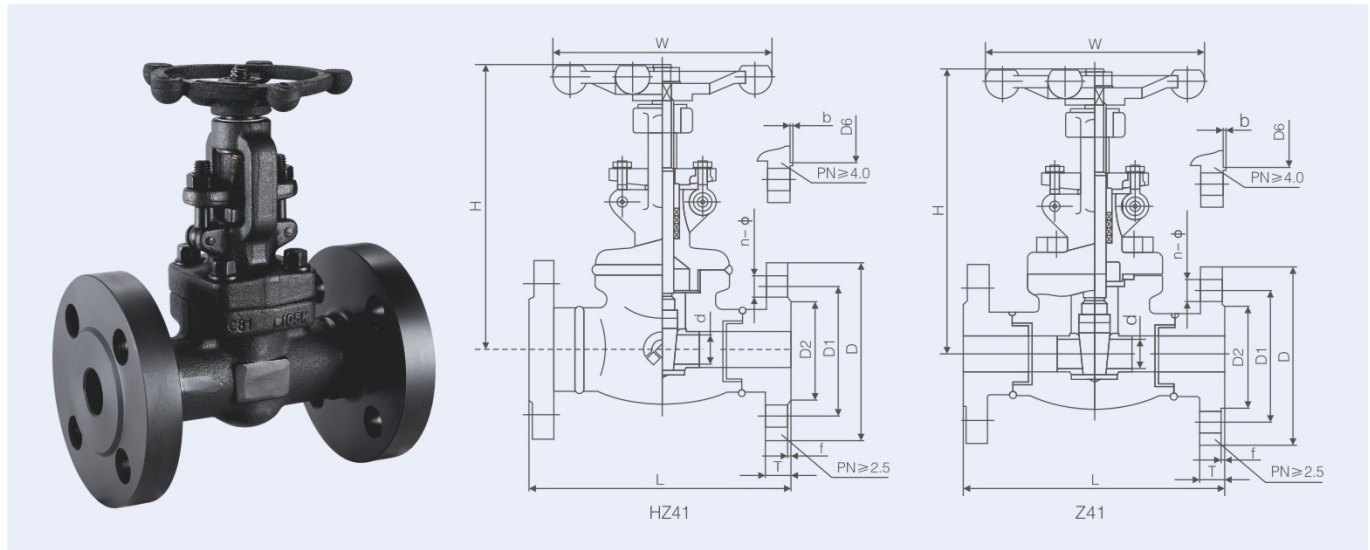
说明 Description:

- 体盖焊接结构(W.B)闸阀，在阀门类型“Z”代号前冠以符号“H”表示，例如：HZ61H-800；中法兰螺栓结构“B.B”代号“略”，例如：Z61H-800。
- 缩径代号“R.P”、全径代号“F.P”。
- 规格代号前冠“F”表示全径通道，如F3/4，缩径“略”。
- 连接形式允许一端承插焊，另一端螺纹。其连接形式代号“3”，例如：Z31H-800。

- The body cover welding structure (W.B) gate valve, the valve type code name prefixed with "Z" symbol "H" said, for example: HZ61H - 800: flange bolts in the structure "B.B" code "slightly", for example: Z61H - 800.
- Reducing code "R.P, full size code" F.P".
- Specification code before the cup "F" said full gauge channels, such as the F3/4, reducing "slightly".
- The connection form allows end socket welding, the other end of the thread. Its connection form code "3", for example: Z31H - 800.

国标锻钢法兰闸阀

GB FORGED STEEL FLANGES GATE VALVE



应用规范 Application Specification

- 设计制造：JB/T7746
- 连接端尺寸：JB/T79; GB/T12221
- 法兰端尺寸：JB/T82.1~82.4 HG/T20592 GB/T9113
- 结构特征：B.B或W.B; OS&Y-缩径(R.P)
- 主体材料：A105; LF2; F5; F11; F22; F304; F304L; F316; F316L
- 阀门检验和试验：GB/T13927; GB/T26480

- Design and manufacturing: JB/T7746
- Connection end dimension: JB/T79;GB/T12221
- Flange end dimension: JB/T82.1~82.4 HG/T20592 GB/T9113
- Structure characteristic: B.B or W.B; OS&Y-reducing (R.P)
- Main body material: A105;LF2;F5;F11;F22;F304;F304L;F316;F316L
- Valve inspection and testing: GB/T13927; GB/T26480

主要外形连接尺寸 Main Boundary Connection Dimensions

(PN1.6~10.0MPa)

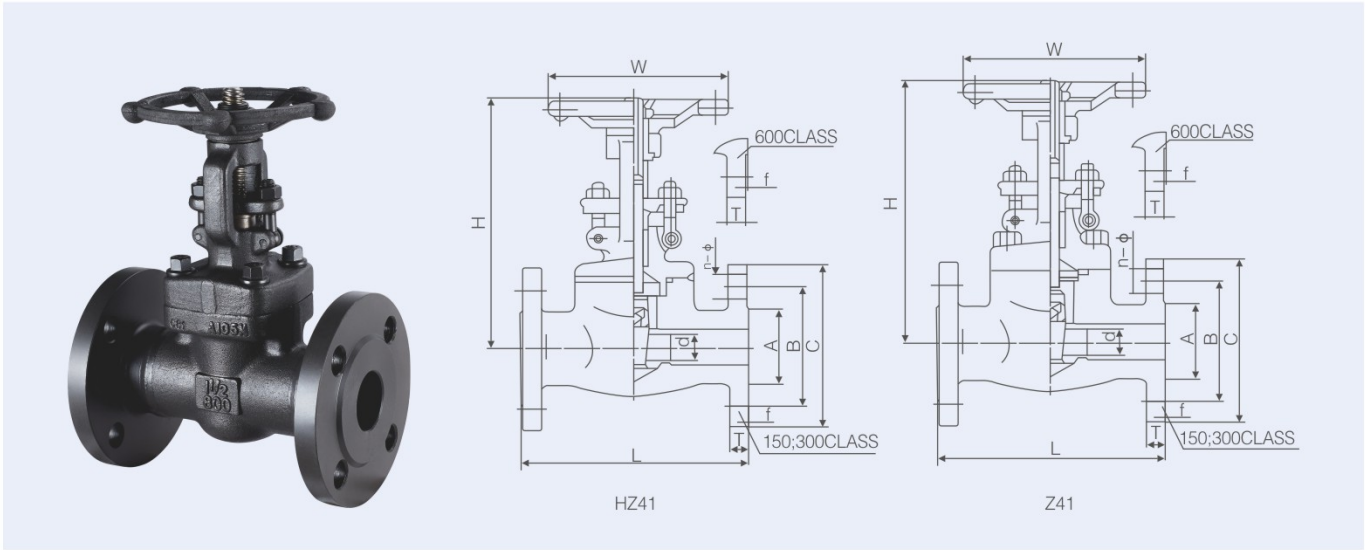
公称压力 Nominal pressure	DN(mm)	15	20	25	32	40	50	65
1.6	d	10	12.7	19.1	24	31.8	38.1	50.8
2.5								
4.0								
6.4								
10.0								
1.6	L	130	150	160	180	200	230	290
2.5								
4.0								
6.4								
10.0								
1.6	H(开启) H(open)	162	162	211	238	257	282	357
2.5								
4.0								
6.4								
10.0								
1.6	W	100	100	125	125	160	180	200
2.5								
4.0								
6.4								
10.0								
1.6	WT (kg)	2.8	3.2	4.9	5.6	9.8	12.8	23.0
2.5		3.0	3.5	5.5	6.8	10.4	14.4	24.5
4.0		3.6	4.9	7.0	9.4	13.3	18.2	26.2
6.4		3.8	5.3	7.9	10.0	13.8	18.6	27.7
10.0		4.2	5.8	8.8	12.1	15.6	19.5	32.0

说明：公称压力PN>6.4MPa，环密封(RJ)按JB77规定。

Description: Nominal pressure PN > 6.4 MPa, ring seal (RJ) as stipulated in the JB77.

美标锻钢法兰闸阀

API FORGED STEEL FLANGE GATE VALVE



应用规范 Application Specification

- 1、设计制造：API 602

2、结构长度：ANSME/ANSI B16.10

3、法兰端尺寸：ASME/ANSI B16.5(RF)

4、结构特征：B.B或W.B; OS&Y–缩径(R.P)

5、主体材料：A105; LF2; F5; F11; F22; F304;F316; F304L;F316L

6、阀门检验和试验：API 598
1. Design and manufacturing：API 602

2. Face to Face：ANSME/ANSI B16.10

3. Flange end dimension：ASME/ANSI B16.5(RF)

4. Structure characteristic：B.B or W.B; OS&Y–reducing (R.P)

5. Main body material：A105; LF2; F5; F11; F22; F304;F316;F304L;F316L

6. Valve inspection and testing：API 598

主要外形连接尺寸 Main Boundary Connection Dimensions

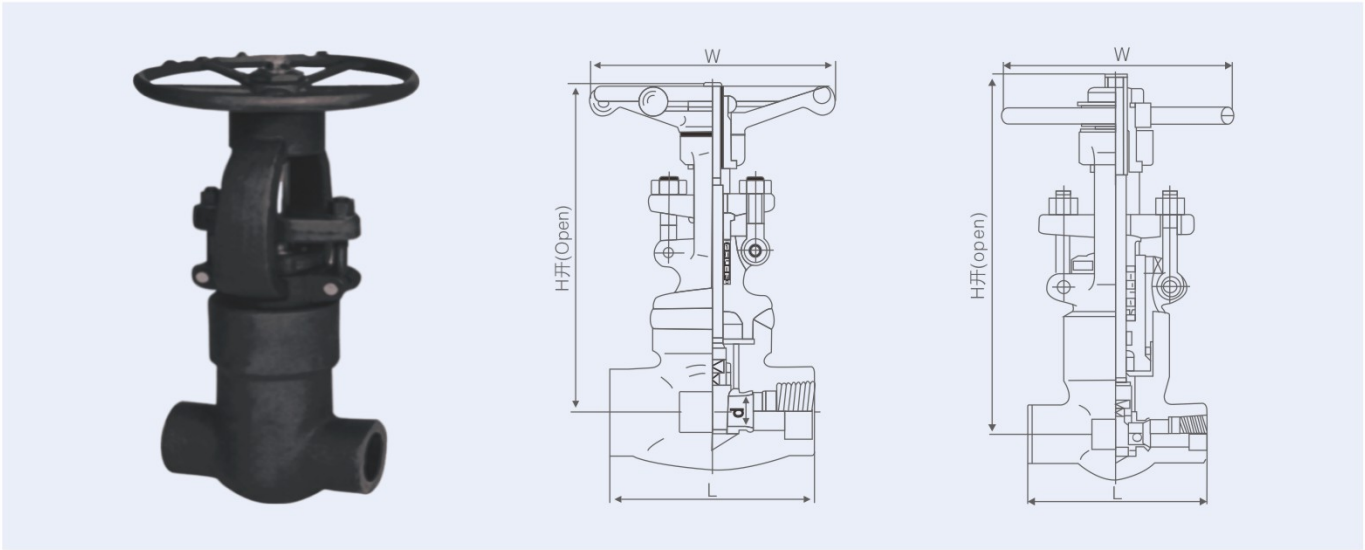
(Class 150~600)

压力级 Class	NPS(in)	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
150	d	13	19	25	32	38	49	62
300								
600								
150	L	108	117	127	140	165	178	190
300		140	152	165	178	190	216	241
600		165	190	216	229	241	292	330
150	H(开启) H(open)	162	162	211	238	257	282	357
300								
600								
150	W	100	100	125	125	260	180	200
300								
600								
150	WT(kg)	3.0	3.5	5.5	6.8	10.4	14.4	24.5
300		3.6	4.9	7.0	9.4	13.3	18.2	26.2
600		4.2	5.8	8.8	12.1	15.6	19.5	32.0

说明：1.压力级CLASS≤600，一般法兰密封形式为“RF”型，如果是其他“RJ”（环密封）或LF(大凹面)均需注明。
2. 美标环密封(RJ)结构长度L等于“RF”法兰连接结构长度加“X”值。
Description: 1. The pressure level CLASS 600 or less, in general the flange seal form as the "RF" type, if it is other "RJ" (sealing ring) and LF (concave) must be marked.
2. American standard ring seal structure of (RJ) length L equals "RF" flange connection structure length with an "X" value.

自密封闸阀

SELF SEALING GATE VALVE



应用规范 Application Specification

- 1、设计制造：ASME/ANSI B16.34; API 602;JB/T7746

2、结构长度：ASME/AMSI B16.10; GB/T12221

3、连接端尺寸：
(1) 法兰端：ASME/ANSI B16.5; JB/T82.1~82.4-94
(2) 承插焊端：ASME/ANSI B16.11, JB/T1751
(3) 螺纹连接端：ASME/ANSI B1.201(NPT); GB/T7306-87(RC)

4、结构特征：P.S; OS&Y–全径(F.P)

5、主体材料：A105; LF2; F5; F11; F22; F304; F316; F304L; F316L

6、阀门检验和试验：API 598;GB/T13927
- 1、Design and manufacturing：ASME/ANSI B16.34; API 602;JB/T7746

2. Face to face：ASME/AMSI B16.10;GB/T12221

3. Connection end dimension：
(1)Flange end：ASME/ANSI B16.5; JB/T82.1~82.4-94
(2)Socket weld end：ASME/ANSI B16.11, JB/T1751
(3)Threaded connection end：ASME/ANSI B1.201(NPT); GB/T7306-87(RC)

4. Structure characteristic：P.S; OS&Y–Full bore(F.P)

5. Main body material：A105;LF2;F5;F11;F22;F304;F316;F304L;F316L

6. Valve inspection and testing：API 598;GB/T13927

主要外形连接尺寸 Main Boundary Connection Dimensions

(Class900~1500LB PN16.0/26.0MPa)

压力 Pressure range	规格 Size		阀门尺寸 Valve dimension								重量 WT(kg)	
	mm	in	d(全径Full bore)		L		H		W			
			BB/WB	PB	BB/WB	PB	BB/WB	PB	BB/WB	PB	BB/WB	PB
CLASS900 PN16.0	8	1/4	7	—	102	—	166	—	120	—	3.6	—
	10	3/8	10	—	102	—	166	—	120	—	3.5	—
	15	1/2	13	13	102	140	169	321	120	125	3.4	11.5
	20	3/4	18	18	111	140	193	321	125	125	3.8	11.0
	25	1	24	24	120	140	236	321	160	160	7.8	10.2
	32	1-1/4	29	29	120	178	146	380	160	160	11.9	20.5
	40	1-1/2	36.5	36.5	140	178	283	414	180	180	12.2	21.7
	50	2	46.5	46.5	178	216	330	502	200	240	21.9	43.5
CLASS1500 PN26.0	8	1/4	7	—	102	—	166	—	120	—	3.6	—
	10	3/8	10	—	102	—	166	—	120	—	3.5	—
	15	1/2	13	13	102	140	169	321	120	125	3.4	11.5
	20	3/4	18	18	111	140	193	321	125	125	3.8	11.0
	25	1	24	24	120	140	236	321	160	160	7.8	10.2
	32	1-1/4	29	29	120	178	146	380	160	160	11.9	20.5
	40	1-1/2	36.5	36.5	140	178	283	414	180	180	12.2	21.7
	50	2	46.5	46.5	178	216	330	502	200	240	21.9	43.5

高温高压电动焊接闸阀

HIGH TEMPERATURE AND HIGH PRESSURE ELECTRIC WELDING GATE VALVE

产品用途 Product Usage

电动对焊闸阀广泛应用于石油、化工、冶金、火力发电厂等行业中，主要使用在高温导热油或高温蒸汽中。电源电压：380V、660V、415V、220V、110V，电动执行器有：开关型、整体型、智能调节型、防爆型。

Electric welded gate valve is widely used in petroleum, chemical industry, metallurgy, power plant, etc, mainly used in the high temperature heat conduction oil or high temperature steam. Power supply voltage: 380 v, 660 v, 415 v, 220 v, 110 v, electric actuators are: switch type, integrated type, intelligent external regulation, explosion-proof type.

产品特点 Product Features

- 1、高温高压电站闸阀采用先进流道等径直通结构，极大降低了流阻系数与能量的损耗，显著提高了阀门使用寿命和性能；
- 2、阀门中腔采用压力自紧式密封结构、密封性能好。支管两端为焊接结构；
- 3、启闭件的结构可根据用户要求设计成单板、双板、平行双板等不同形式；
- 4、电动闸阀的开启和关闭由电动装置来控制，电动装置分别配有专用电机、减速器、转矩控制机构，现场操作机构，手动、电动切换机构，除就地操作外，还可进行远距离操作。

1. High temperature and high pressure power station valve adopts advanced port straight through such as structure, greatly reduce the flow resistance coefficient and energy loss, improve the service life of the valve, and performance;
2. Valve lumen using pressure self-tightening seal structure, good sealing performance. For welding structures on both ends of the tube;
3. Open-close part structure according to user requirements designed to single, double plate, the different forms such as parallel double plate;
4. Electric gate valve opening and closing control by electric actuator, electric actuator, respectively, with special motor, reducer, torque control, site operation, manual, electric switch Institutions, in addition to on-site operation, but also to operate at a distance.

执行标准 Execution Standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to face	焊接坡口 Welding groove	试验与检验 Test & check	压力-温度 Pressure-temp
	JB/T 3595	GB/T12221 GB/T 15188.1	JB/T 3595	JB/T 3595	JB/T 3595

性能规范 Performance Specification

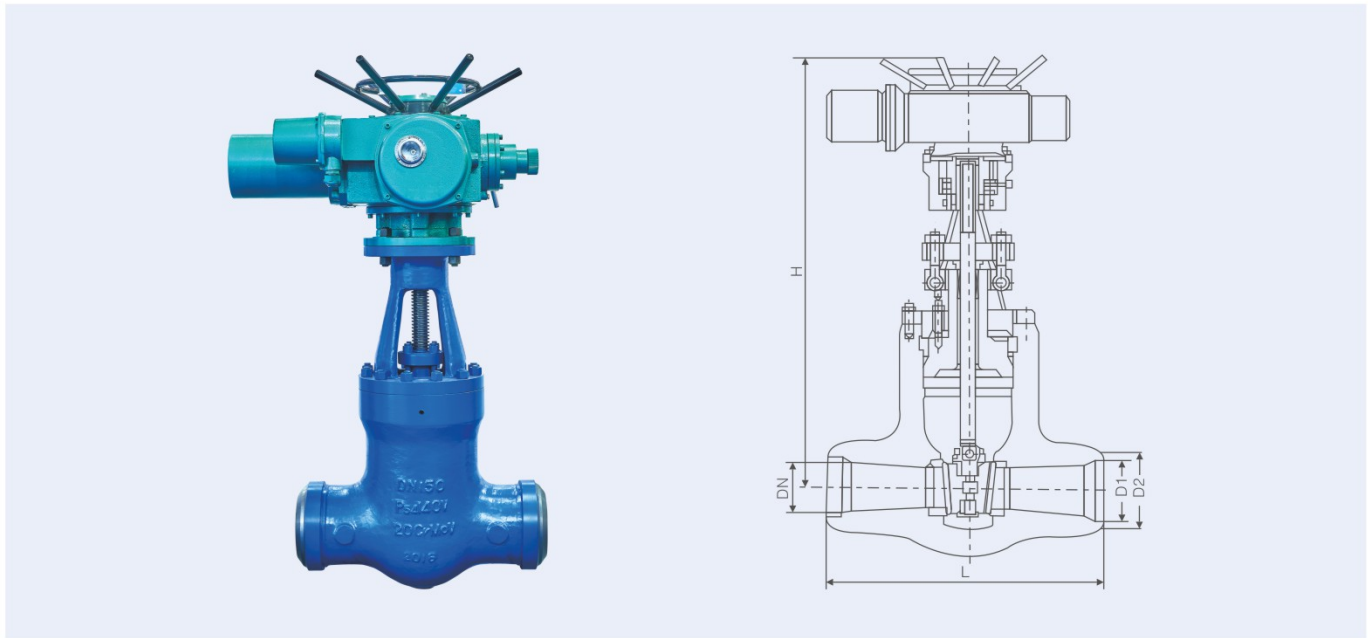
产品型号 Product model	公称压力PN(MPa) Nominal pressure	试验压力(MPa)Test pressure		工作压力(MPa) Working pressure	工作温度(℃) Working temperature	适用介质 Applicable medium
		强度试验 Shell test	密封试验/上密封 试验Sealtest			
Z96 ¹ ₀ Y-250	25	37.5	27.5	—	≤425	水、蒸汽 Water, steam
Z96 ¹ ₀ Y-320	32	48.0	36.0	—	≤425	
Z96 ¹ ₀ Y-P54100	—	30.7	12.5	P5410	≤540	蒸汽 Steam
Z96 ¹ ₀ Y-P54170	—	50.7	21.3	P5417	≤540	

主要零件材料 Main Parts and Materials

零件名称 Part name	材料牌号 Material designation		
阀体 Body	WCB	WC6	WC9
阀板 Disc	WCB	WC6	WC9
阀盖 Bonnet	25	12Cr1MoVA	
阀杆 Stem	38CrMoAlA	20Cr1MoVA	
阀座 Seat		12Cr1MoVA	
密封环 Sealing ring	S软钢(增强柔性石墨) S soft steel(flexible graphite)	S软钢 S soft steel	F软钢 F soft steel
填料 Packing	增强柔性石墨 Flexible graphite		
支架 Yoke	WCB或 or WC6		
阀杆螺母 Stem nut	45(ZCuZn25a16Fe3Mn3)、ZQA19-4		
四开环 Four piece ring	20Cr1Mo1VA		

高温高压电动焊接闸阀

HIGH TEMPERATURE AND HIGH PRESSURE ELECTRIC WELDING GATE VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

型号 Model	DN(mm)	L	D1	D2	WT (kg)
Z962H-200 Z960Y-200 Z962Y-P54100V Z960Y-P54100V	150	610	164	200	420
	175	750	186	223	526
	200	762	200	262	550
	225	850	233	282	595
	250	914	275	325	1210
Z962H-250 Z960Y-250 Z962Y-P54140V Z960Y-P54140V	300	1041	312	380	2100
	150	610	150	200	420
	175	750	176	223	530
	200	762	200	262	560
	225	850	220	282	600
Z960Y-320 Z960Y-P57170V	250	914	265	325	1220
	300	1041	305	380	2120
	150	610	150	200	615
	175	750	170	225	680
	200	762	200	262	695
Z960Y-320 Z960Y-P57170V	225	850	207	283	700
	250	914	250	325	1460
	300	1041	265	377	2650

注：本表中结构长度按GB/T 12221-2005标准。 Note: The Face to Face in this table is in accordance with GB/T 12221-2005 standard.

磅级电站闸阀

CLASS POWER PLANT GATE VALVE

产品用途 Product Usage

磅级电站闸阀适用于Class1500~3500Lb、工作温度-29~570℃的石油、化工、火力电站等各种工况的管路上切断或接通介质。

Class power plant gate valve suitable for Class1500 ~ 3500 Lb, working temperature -29~570 ℃ under various working conditions such as petroleum, chemical industry, power plant piping cut off or connect medium.

产品特点 Product Features

- 1、高温高压磅级电站闸阀采用先进流道等径直通结构，极大降低了流阻系数与能量的损耗，显著提高了阀门使用寿命和性能；
- 2、阀门中腔采用压力自紧式密封结构、密封性能好。支管两端为焊接结构；
- 3、闸板与阀座密封面采用司太立钴基硬质合金堆焊而成，耐磨、耐高温、耐腐蚀、抗擦伤性能好；
- 4、磅级高温高压电站闸阀的阀杆经调质和表面氮化处理，具有良好的抗腐蚀性和抗擦伤性；
- 5、启闭件的结构可根据用户要求设计成单板、双板、平行双板等不同形式；
- 6、电动闸阀的开启和关闭由电动装置来控制，电动装置分别配有专用电机、减速器、转矩控制机构，现场操作机构，手动、电动切换机构。除就地操作外，还可进行远距离操作。

1. The high temperature and high pressure power station valve adopts advanced port straight through such as structure, greatly reduce the flow resistance coefficient and energy loss, improve the service life of the valve, and performance;
2. Valve lumen uses pressure self-tightening seal structure, good sealing performance. For welding structures on both ends of the tube;
3. The disc and seat sealing surface using department too vertical cobalt-based hard alloy surfacing and become, wear-resisting, high temperature resistance, good corrosion resistance, abrasion resistance;
4. The high temperature and high pressure power station valve stem by conditioning and surface nitriding treatment, has good corrosion resistance and abrasion resistance;
5. The structure of the open-close part can design according to user requirements into a single, double plate, the different forms such as parallel double plate;
6. Electric gate valve opening and closing control by electric actuator, electric actuator, respectively, with special motor, reducer, torque control, site operation, manual, electric switch machine Structure. In addition to on-site operation, remote operation can be performed.

执行标准 Execution Standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to Face	焊接坡口 Welding groove	试验与检验 Test & check	压力-温度 Pressure-temp
	JB/T 3595	GB/T12221	JB/T 3595 GB/T12224	JB/T 3595 E101	JB/T 3595

主要性能规范 Main Performance Specifications

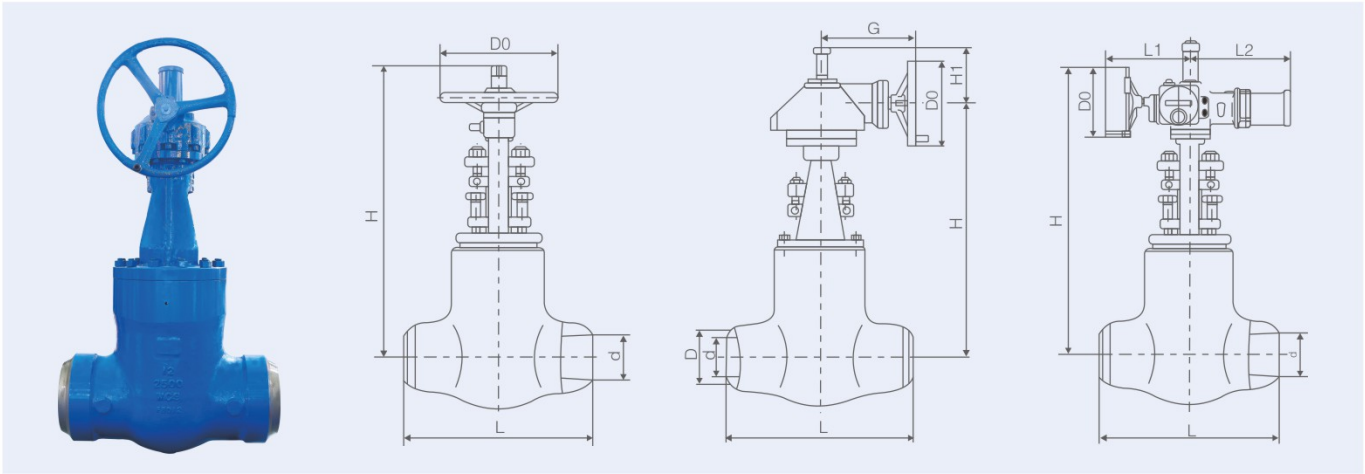
壳体材料 Shell material	适用温度℃ Applicable temperature	适用介质 Applicable medium
ASTM A216 WCB	≤425	蒸汽、水 Steam、water
ASTM A217 WC1	≤450	蒸汽、水 Steam、water
ASTM A217 WC6	≤550	蒸汽、水 Steam、water
ASTM A217 WC9	≤590	蒸汽、水 Steam、water

主要零件材料 Main Part Materials

零件名称 Part name	材料牌号 Material designation			
阀体 Body	WCB	WC1	WC6	WC9
阀板 Disc	WCB	WC1	WC6	WC9
阀盖 Bonnet	25 WCB	15Cr1Mo1VA WC1	12Cr1Mo1VA WC6	12Cr1Mo1VA WC9
阀座 Seat	25	15Cr1Mo1VA	12Cr1Mo1VA	20Cr1Mo1VA
阀杆 Stem	1Cr17Ni2	1Cr17Ni2	SUGG600 12Cr1Mo1VA	SUGG600 12Cr1Mo1VA
填料 Packing	NBR/FPM 增强柔性石墨 Flexible graphite			
支架 Yoke	WCB	WCB WC1	WCB WC6	WCB WC9
密封环 Sealing ring	S软钢(增强柔性石墨) S Soft steel(Flexible graphite)		S 软钢 S Soft steel	F软钢 F Soft steel
阀杆螺母 Stem nut	45(ZCuZn25A16Fe3Mn3)			

磅级电站闸阀

CLASS POWER PLANT GATE VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

Z960Y-1500Lb

NPS(in)	d	L	H	D0	L1	L2	电动装置 Electric dewice	WT(Kg)
2 1/2	62	254	520	200	140	243	SMC-04	93
3	74	305	523	508	140	243	SMC-04	110
4	100	406	599	508	198	281	SMC-03	168
			599	305	400	555	SMC-00	208
5	103	483	678	508	198	565	SMC-03	189
			678	305	400	654	SMC-00	232
6	144	559	793	305	410	565	SMC-0	358
			793	305	420	654	SMC-1	444
8	192	711	813	305	410	668	SMC-0	517
			813	305	420	654	SMC-1	561
10	239	864	998	457	440	654	SMC-2	852
			998	305	420	688	SMC-1	823
12	287	991	1141	305	420	-	SMC-1	1122
			1156	457	440	-	SMC-2	1150
14	315	1067	1249	610	690	-	SMC-3	1760
16	360	1194	1351	610	690	-	SMC-3	2429
18	406	1346	1535	610	690	-	SMC-3	2454
			1540	610	715	-	SMC-4	2524

主要外形连接尺寸 Main Boundary Connection Dimensions

Z960Y-2000Lb

NPS(in)	d	L	H	D0	L1	L2	电动装置 Electric dewice	WT(Kg)
2 1/2	50	330	540	200	140	243	SMC-04	202
3	60	368	558	508	198	332	SMC-03	149
4	80	457	654	305	400	555	SMC-00	245
5	96	533	780	305	400	555	SMC-0	323
			780	305	410	565	SMC-0	280
6	118	610	830	305	410	565	SMC-0	419
			960	305	410	565	SMC-0	626
8	148	762	960	305	420	654	SMC-1	715
			1020	305	420	654	SMC-1	1020
10	180	914	1024	457	440	688	SMC-2	1050
			1150	457	440	688	SMC-2	1320
12	222	1041	1166	610	690		SMC-3	1358
			1230	457	440	688	SMC-2	1810
14	254	1118	1240	610	690		SMC-3	1840
			1330	610	690	-	SMC-3	2270
16	294	1245	1350	610	715		SMC-4	2300

磅级电站闸阀

CLASS POWER PLANT GATE VALVE

主要外形连接尺寸 Main Boundary Connection Dimensions

Z960Y-2500Lb

NPS(in)	d	L	H	Do	L1	L2	电动装置 Electric dewice	WT(Kg)
2 1/2	52	330	533	508	198	332	SWC-03	143
			533	200	140	243	SWC-04	116
3	62	368	549	508	198	332	SWC-03	160
			549	200	140	243	SWC-04	134
4	87	457	653	508	198	332	SWC-03	251
			644	305	140	565	SWC-0	294
5	86	533	760	305	400	555	SWC-00	324
			774	305	400	565	SWC-0	341
6	131	610	850	305	400	555	SWC-00	479
			861	305	410	565	SWC-0	564
8	179	762	847	305	410	565	SWC-0	725
			860	305	420	654	SWC-1	750
10	223	914	1031	305	420	654	SWC-1	1152
			1050	610	690		SWC-3	1220
12	265	1041	1125	457	440	688	SWC-2	1520
			1149	610	690		SWC-3	1558
14	292	1118	1221	610	690	-	SWC-3	1869
16	333	1245	1390	610	690	-	SWC-3	2826
			1395	610	715		SWC-4	3084

主要外形连接尺寸 Main Boundary Connection Dimensions

Z960Y-3500Lb

NPS(in)	d	L	H	Do	L1	L2	电动装置 Electric dewice	WT(Kg)
3	44	440	620	508	198	332	SWC-03	269
			620	305	400	555	SWC-00	305
4	56	540	721	305	400	555	SWC-00	398
			730	305	410	565	SWC-0	437
5	74	616	796	305	410	565	SWC-0	507
			796	305	420	654	SWC-1	592
6	88	692	857	305	410	565	SWC-0	605
			857	305	420	654	SWC-1	691
8	116	846	1041	305	420	654	SWC-1	1088
			1051	457	440	688	SWC-2	1179
10	142	1000	1197	457	440	688	SWC-2	1700
			1207	610	690		SWC-2	2031
12	174	1124	1338	610	690	-	SWC-3	2708
14	196	1229	1455	610	715	-	SWC-4	3180
			1440	610	690		SWC-3	3131
18	252	1499	1915	610	715	-	SWC-4	4560

国标无导流孔平板闸阀

GB NO DIVERSION HOLE FLAT GATE VALVE

产品用途 Product Usage

平板闸阀适用于天然气、石油、化工、环保、城市管道、燃气管线等输送管线、放空系统和汽储存装置上，用作启闭设备。

Flat gate valve is suitable for natural gas, petroleum, chemical, environmental protection, urban pipelines, gas pipelines and other transportation pipelines, empty-system and gas storage devices, used for opening and closing equipment.

产品特点 Product Features

- 1、采用浮动阀座，双向密封，密封可靠，启闭灵活。
- 2、闸板与阀座密封面均喷焊或堆焊硬质合金，耐冲蚀、耐擦伤。
- 3、阀门通道为直通式，全开时，与闸板导流孔相贯通和直管相似，流阻很小。
- 4、阀杆密封采用O型圈或柔性石墨填料密封，使得密封可靠，摩擦阻力小。
- 5、阀门密封默认为出口阀座密封，也可以根据客户要求设计成进口阀座与出口阀座双重密封结构。
1. The use of floating seat, two-way seal, seal reliable, flexible opening and closing.
2. Gate and seat sealing surface are spray welding or surfacing welding hard alloy, erosion resistance, abrasion resistance.
3. The valve channel is straight through. When fully open, it is similar to the gate diversion hole and straight pipe, and the flow resistance is very small.
4. Stem seal with o-ring or flexible graphite packing seal, make the seal reliable, small friction.
5. The valve seal default to the export seat seal, or according to customer requirements can be designed into the import seat and the export seat double seal structure.

执行标准 Execution Standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to Face	连接法兰 Flange end	试验与检验 Test & check
	JB/T5298	GB/T 12221	HG/T 20592	GB/T 26480

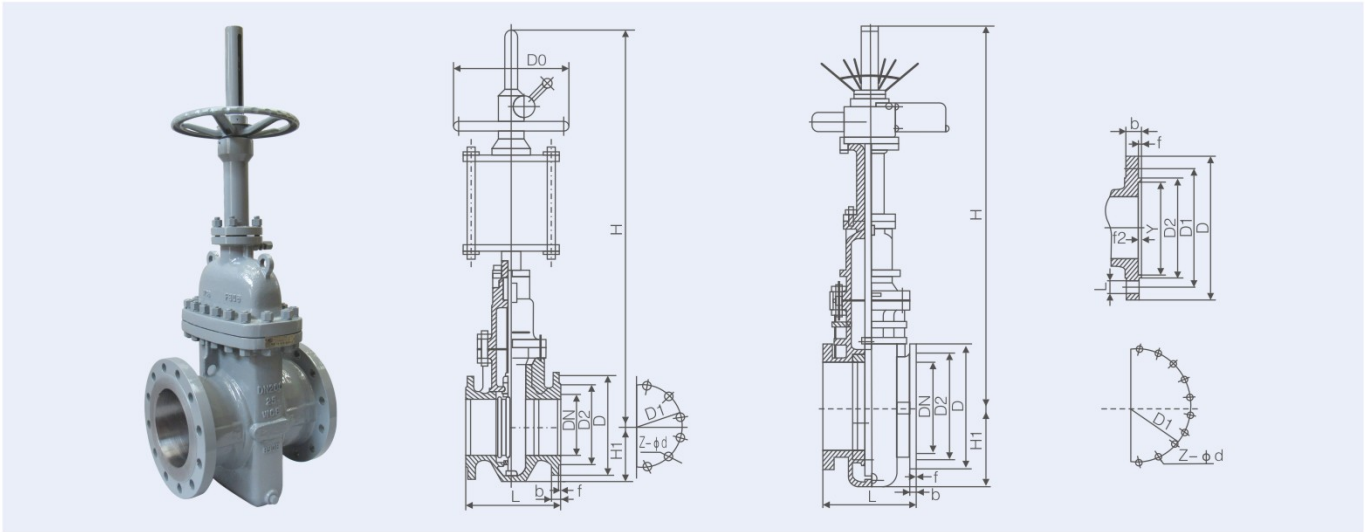
主要性能规范 Main Performance Specifications

压力等级 Pressure class		常温下压力试验(MPa) Pressure test under normal temperature (MPa)				适用温度℃ Applicable temperature			适用介质 Applicable medium	
		壳体 Shell	左密封 Left seal	右密封 Right seal	低压密封 Low pressure seal	"G"型Type	"D"型 Type	普通型 Ordinary	抗硫型 Sulfur Resistant	基本型 Basic
公称压力(MPa) Nominal pressure	1.6	2.4	1.76	1.76	0.6	-29~250	-46~121	-29~121	含H ₂ S 和CO ₂ >500Mg/m ³ 的介质 Containing H ₂ S And CO ₂ > 500 mg/m ³ Of the medium	石油 天然气 水等 Oil Natural gas water
	2.5	3.75	2.75	2.75	0.6					
	4.0	6.0	4.4	4.4	0.6					
	6.4	9.6	7.04	7.04	0.6					

主要零件材料 Main Part Materials

零件名称 Part name	零部件材料 Part material			
阀体/阀盖 Body,bonnet	WCB	WC6	A352-LCB	A351-CF8M
闸板 Disc	20Cr13+ENP	20CrMoV+STL	ANSI410+ENP	ANSE316+ENP
阀杆 Stem	20Cr13	20Cr13	A182-F6a	A182-F316S
阀座 Seat	25+PTFE	20CrMoV+STL	A105+PTFE	A182-F316+PTFE
填料 Packing	NBR/FPM	NBR/FPM 柔性石墨 Flexible graphite		聚四氟乙烯 PTFE+FPM
垫片 Gasket	柔性石墨 Flexible graphite			
螺栓 Bolt	35	35CrMo	A193-B7M	A193-B8
适用温度 Applicable temperature	-29~121℃	-29~570℃	-46~340℃	-40~200℃
适用介质 Applicable medium	水、油品、蒸汽 Water , oil, steam	蒸汽、油品 Steam, oil	丙烷、乙烯 Propane, ethylene	硝酸类 Nitric acid

国标无导流孔平板闸阀
GB NO DIVERSION HOLE FLAT GATE VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

公称压力(PN) Nominal pressure	DN (mm)	L	D	D1	D2	D0	f	b	H	H1	Z-φ d
WPZ43/543/643/943F											
1.6MPa	50	178	165	125	102	250	2	18	584	80	4-18
	65	190	185	145	122	250	2	18	634	95	8-18
	80	203	200	160	138	250	2	20	688	100	8-18
	100	229	220	180	158	300	2	20	863	114	8-18
	125	254	250	210	188	350	2	22	940	132	8-18
	150	267	285	240	212	350	2	22	1030	150	8-22
	200	292	340	295	268	350	2	24	1277	168	12-22
	250	330	405	355	320	400	2	26	1491	203	12-26
	300	356	460	410	378	450	2	28	1701	237	12-26
	350	381	520	470	428	500	2	30	1875	265	16-26
	400	406	580	525	490	505	2	32	2180	300	16-30
	450	432	640	585	550	505	2	40	2440	325	20-30
	500	457	715	650	610	505	2	44	2860	360	20-33
	600	508	840	770	725	505	2	54	3450	425	20-36
	700	610	910	840	795	505	2	42	3960	460	24-36
	800	660	1025	950	900	505	2	42	4550	512	24-39
2.5MPa	900	711	1125	1050	1000	250	2	44	5250	565	28-39
	1000	811	1255	1170	1115	250	2	46	5870	630	28-42
	50	178	165	125	102	250	2	20	584	80	4-18
	65	190	185	145	122	300	2	22	634	95	8-18
	80	203	200	160	138	350	2	24	688	100	8-18
	100	229	235	190	162	350	2	24	863	114	8-22
	125	254	270	220	188	350	2	26	940	132	8-26
	150	267	300	250	218	400	2	28	1030	150	8-26
	200	292	360	310	278	450	2	30	1277	168	12-26
	250	330	425	370	335	500	2	32	1491	203	12-30
	300	356	485	430	395	505	2	34	1701	237	16-30
	350	381	555	490	450	505	2	38	1875	265	16-33
	400	406	620	550	505	505	2	40	2180	300	16-36
	450	432	670	600	555	505	2	46	2440	325	20-36
	500	457	730	660	615	505	2	48	2860	360	20-36
	600	508	845	770	720	505	2	58	3450	425	20-39
	700	610	960	875	820	505	2	50	3960	460	24-42
	800	660	1085	990	930	505	2	54	4550	512	24-48

注：本表中法兰尺寸按HG/T20592-2009标准，结构长度按GB/T 12221-2005标准。
Note: The dimensions of flanges in this table are HG/T20592-2009 standard, and the Face to Face is GB/T 12221-2005 standard.

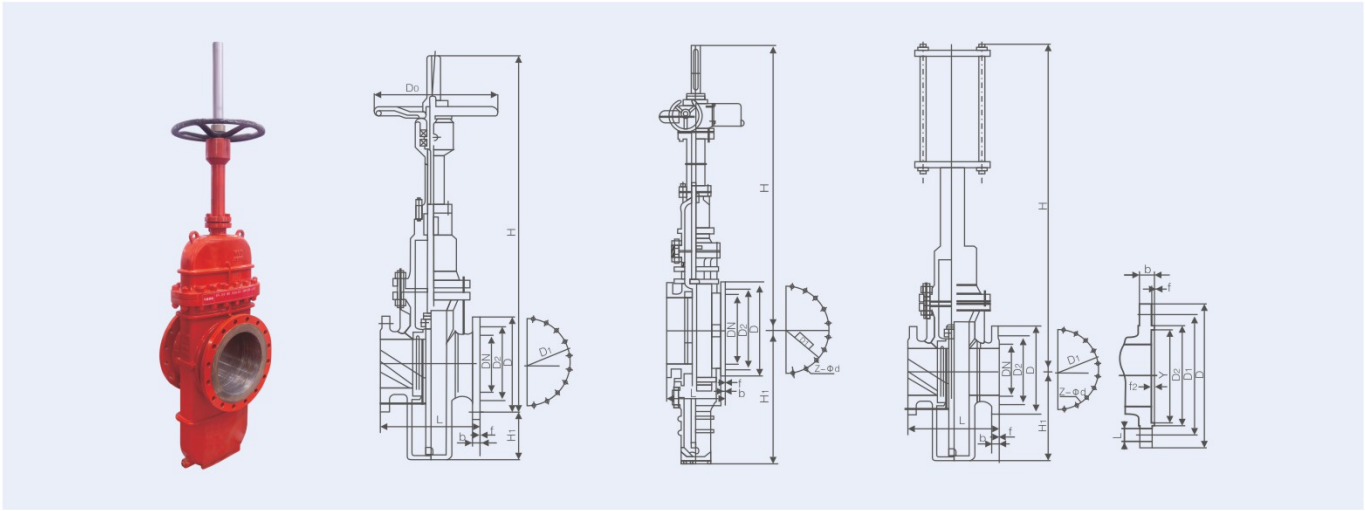
国标无导流孔平板闸阀
GB NO DIVERSION HOLE FLAT GATE VALVE

主要外形连接尺寸 Main Boundary Connection Dimensions

公称压力(PN) Nominal pressure	DN (mm)	L	D	D1	D2	Y	D0	f	f2	b	H	H1	Z-φ d
WPZ43/543/643/943F													
4.0MPa	50	216	165	125	99	88	250	2	4	20	584	80	4-18
	65	241	185	145	118	110	250	2	4	22	634	95	8-18
	80	283	200	160	132	121	250	2	4	24	679	102	8-18
	100	305	235	190	156	150	300	2	4.5	24	863	115	8-22
	125	381	270	220	184	176	350	2	4.5	26	940	133	8-26
	150	403	300	250	211	204	350	2	4.5	28	1040	152	8-26
	200	419	375	320	284	260	350	2	4.5	34	1282	188	12-30
	250	457	450	385	345	313	400	2	4.5	38	1495	223	12-33
	300	502	515	450	409	364	450	2	4.5	42	1701	250	16-33
	350	762	580	510	465	422	500	2	5	46	1880	280	16-36
	400	838	660	585	535	474	305	2	5	50	2200	310	16-39
	450	914	685	610	560	524	305	2	5	57	2480	335	20-39
	500	991	755	670	615	576	305	2	5	57	2890	380	20-42
	600	1143	890	795	735	678	305	2	6	72	3460	450	20-48
6.4MPa	50	250	180	135	99	88	250	2	4	26	584	90	4-22
	65	280	205	160	118	110	250	2	4	26	634	105	8-22
	80	310	215	170	132	121	250	2	4	28	679	110	8-22
	100	350	250	200	156	150	300	2	4.5	30	763	130	8-26
	125	400	295	240	184	176	350	2	4.5	34	970	150	8-30
	150	450	345	280	211	204	350	2	4.5	36	1038	175	8-33
	200	550	415	345	284	260	350	2	4.5	42	1282	210	12-36
	250	650	470	400	345	313	400	2	4.5	46	1495	240	12-36
	300	750	530	460	409	364	450	2	4.5	52	1965	270	16-36
	350	850	600	525	465	422	500	2	5	56	2185	300	16-39
	400	950	670	585	535	474	305	2	5	60	2573	335	16-42
10.0MPa	50	292	195	145	99	88	250	2	4	28	590	100	4-26
	65	330	220	170	118	110	250	2	4	30	640	115	8-26
	80	356	230	180	132	121	250	2	4	32	680	120	8-26
	100	432	265	210	156	150	300	2	4.5	36	870	135	8-30
	125	508	315	250	284	176	350	2	4.5	40	980	155	8-33
	150	559	355	290	211	204	350	2	4.5	44	1100	180	12-33
	200	660	430	360	284	260	350	2	4.5	52	1315	220	12-36
	250	787	505	430	345	313	400	2	4.5	60	1605	255	12-39
	300	838	585	500	409	364	450	2	4.5	68	1925	295	16-42
	350	889	655	560	465	422	500	2	5	74	2280	335	16-48

注：本表中法兰尺寸按HG/T20592-2009标准，结构长度按GB/T 12221-2005标准。
Note: The dimensions of flanges in this table are HG/T20592-2009 standard, and the Face to Face is GB/T 12221-2005 standard.

国标带导流孔平板闸阀
GB WITH DIVERSION HOLE FLAT GATE VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

公称压力(PN) Nominal pressure	DN (mm)	L	D	D1	D2	D0	f	b	H	H1	Z-φ d
DPZ43/543/643/943F											
1.6MPa	50	178	165	125	102	250	2	18	584	80	4-18
	65	190	185	145	122	250	2	18	634	95	8-18
	80	203	200	160	138	250	2	20	688	100	8-18
	100	229	220	180	158	300	2	20	863	114	8-18
	125	254	250	210	188	350	2	22	940	132	8-18
	150	267	285	240	212	350	2	22	1030	150	8-22
	200	292	340	295	268	350	2	24	1277	168	12-22
	250	330	405	355	320	400	2	26	1491	203	12-26
	300	356	460	410	378	450	2	28	1701	237	12-26
	350	381	520	470	428	500	2	30	1875	265	16-26
	400	406	580	525	490	305	2	32	2180	300	16-30
	450	432	640	585	550	305	2	40	2440	325	20-30
	500	457	715	650	610	305	2	44	2860	360	20-33
	600	508	840	770	725	305	2	54	3450	425	20-36
	700	610	910	840	795	305	2	42	3960	460	24-36
	800	660	1025	950	900	305	2	42	4550	512	24-39
2.5MPa	900	711	1125	1050	1000	250	2	44	5250	565	28-39
	1000	811	1255	1170	1115	250	2	46	5870	630	28-42
	50	178	165	125	102	250	2	20	584	80	4-18
	65	190	185	145	122	300	2	22	634	95	8-18
	80	203	200	160	138	350	2	24	688	100	8-18
	100	229	235	190	162	350	2	24	863	114	8-22
	125	254	270	220	188	350	2	26	940	132	8-26
	150	267	300	250	218	400	2	28	1030	150	8-26
	200	292	360	310	278	450	2	30	1277	168	12-26
	250	330	425	370	335	500	2	32	1491	203	12-30
	300	356	485	430	395	305	2	34	1701	237	16-30
	350	381	555	490	450	305	2	38	1875	265	16-33
	400	406	620	550	505	305	2	40	2180	300	16-36
	450	432	670	600	555	305	2	46	2440	325	20-36
	500	457	730	660	615	305	2	48	2860	360	20-36
	600	508	845	770	720	305	2	58	3450	425	20-39
	700	610	960	875	820	305	2	50	3960	460	24-42
	800	660	1085	990	930	305	2	54	4550	512	24-48

注：本表中法兰尺寸按HG/T20592-2009标准，结构长度按GB/T 12221-2005标准。
Note: The dimensions of flanges in this table are HG/T20592-2009 standard, and the Face to Face is GB/T 12221-2005 standard.

国标带导流孔平板闸阀
GB WITH DIVERSION HOLE FLAT GATE VALVE

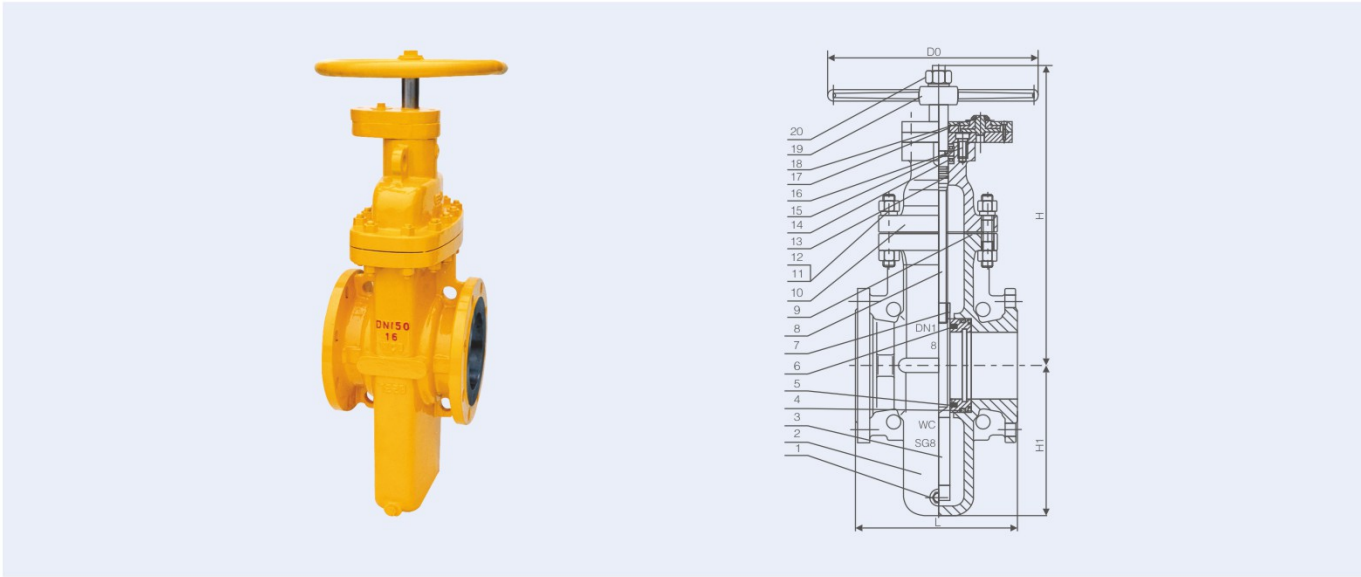
主要外形连接尺寸 Main Boundary Connection Dimensions

公称压力 (PN) Nominal pressure	DN (mm)	L	D	D1	D2	Y	D0	f	f2	b	H	H1	Z-φ d
DPZ43/543/643/943F													
4.0MPa	50	216	165	125	99	88	250	2	4	20	584	80	4-18
	65	241	185	145	118	110	250	2	4	22	634	95	8-18
	80	283	200	160	132	121	250	2	4	24	679	102	8-18
	100	305	235	190	156	150	300	2	4.5	24	863	115	8-22
	125	381	270	220	184	176	350	2	4.5	26	940	133	8-26
	150	403	300	250	211	204	350	2	4.5	28	1040	152	8-26
	200	419	375	320	284	260	350	2	4.5	34	1282	188	12-30
	250	457	450	385	345	313	400	2	4.5	38	1495	223	12-33
	300	502	515	450	409	364	450	2	4.5	42	1701	250	16-33
	350	762	580	510	465	422	500	2	5	46	1880	280	16-36
	400	838	660	585	535	474	305	2	5	50	2200	310	16-39
	450	914	685	610	560	524	305	2	5	57	2480	335	20-39
	500	991	755	670	615	576	305	2	5	57	2890	380	20-42
	600	1143	890	795	735	678	305	2	6	72	3460	450	20-48
6.4MPa	50	250	180	135	99	88	250	2	4	26	584	90	4-22
	65	280	205	160	118	110	250	2	4	26	634	105	8-22
	80	310	215	170	132	121	250	2	4	28	679	110	8-22
	100	350	250	200	156	150	300	2	4.5	30	763	130	8-26
	125	400	295	240	184	176	350	2	4.5	34	970	150	8-30
	150	450	345	280	211	204	350	2	4.5	36	1038	175	8-33
	200	550	415	345	284	260	350	2	4.5	42	1282	210	12-36
	250	650	470	400	345	313	400	2	4.5	46	1495	240	12-36
	300	750	530	460	409	364	450	2	4.5	52	1965	270	16-36
	350	850	600	525	465	422	500	2	5	56	2185	300	16-39
	400	950	670	585	535	474	305	2	5	60	2573	335	16-42
10.0MPa	50	292	195	145	99	88	250	2	4	28	590	100	4-26
	65	330	220	170	118	110	250	2	4	30	640	115	8-26
	80	356	230	180	132	121	250	2	4	32	680	120	8-26
	100	432	265	210	156	150	300	2	4.5	36	870	135	8-30
	125	508	315	250	284	176	350	2	4.5	40	980	155	8-33
	150	559	355	290	211	204	350	2	4.5	44	1100	180	12-33
	200	660	430	360	284	260	350	2	4.5	52	1315	220	12-36
	250	787	505	430	345	313	400	2	4.5	60	1605	255	12-39
	300	838	585	500	409	364	450	2	4.5	68	1925	295	16-42
	350	889	655	560	465	422	500	2	5	74	2280	335	16-48

注：本表中法兰尺寸按HG/T20592-2009标准，结构长度按GB/T 12221-2005标准。
Note: The dimensions of flanges in this table are HG/T20592-2009 standard, and the Face to Face is GB/T 12221-2005 standard.

燃气平板闸阀

GAS FLAT GATE VALVE



执行标准 Execution Standard

设计依据 Design basis	设计标准 Design criteria	结构长度 Face to face		连接法兰 Connecting flange	对焊端 Butt welding end	试验和检验 Test and inspection
		法兰 Flange	焊接 Welding			
GB	JB/T5298	GB/T 12221 JB/T5298	GB/T15188.1	GB/T9113 JB/T 79	GB/T 12224	JB/T 9092
API	API 6D ASME B16.34	API 6D ASME B16.10		ASME B16.5 MSS SP44	ASME B16.25	API6D API598

注：阀门连接法兰尺寸可根据用户要求设计制造。

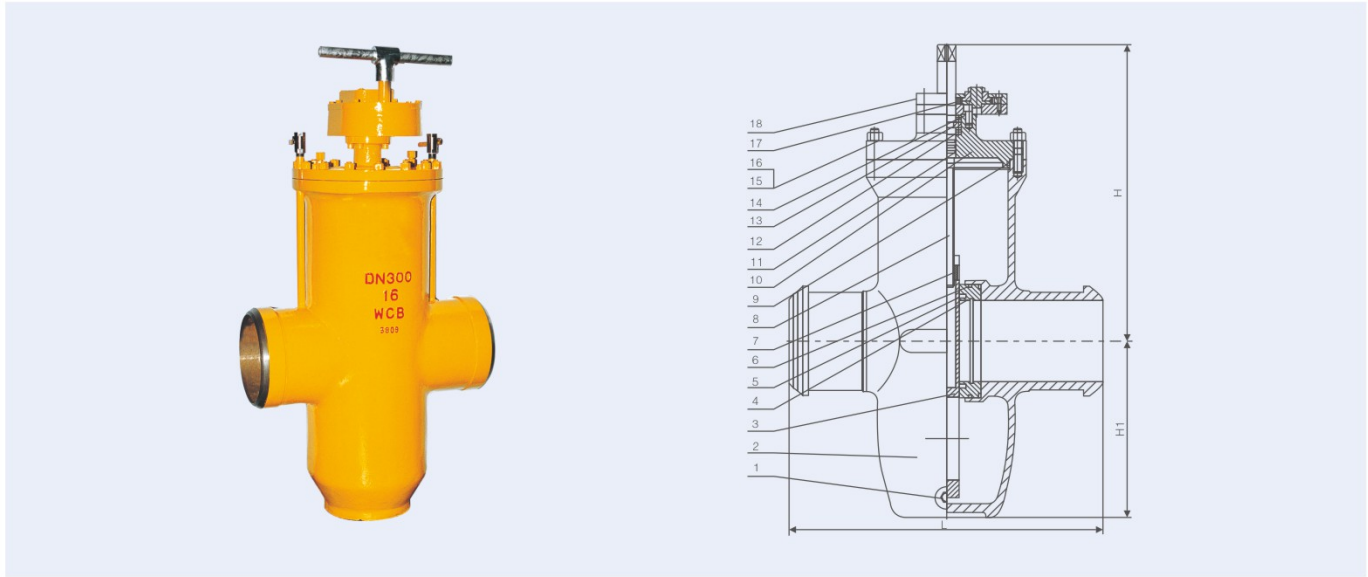
Note: The valve connecting flange size can be designed and manufactured according to user requirements

主要零件材料 Main Parts and Materials

序号 No.	零件名称 Part name	材料 Material	序号 No.	零件名称 Part name	材料 Material
		GB			GB
1	排污堵头 Drain plug	25	11	双头螺柱 Double-headed stud	35CrMo
2	阀体 Body	WCB	12	螺母 Nut	45
3	闸板 Disc	16Mn+ENP	13	O形圈 O-ring	NBR
4	阀座 Seat	16Mn	14	轴承 Bearing	组件 Component
5	O形圈 O-ring	NBR	15	对开环 Split ring	45
6	密封圈 Sealing ring	PTFE	16	内六角螺钉 Socket head cap screw	35
7	阀杆螺母 Stem nut	ZQAL9-4	17	键 Key	45
8	阀杆 Stem	1Cr13	18	开关指示器 Switch indicator	PTFE+1Cr18Ni9
9	垫片 Gasket	柔性石墨Flexible graphite+1Cr18Ni9	19	手轮 Handwheel	Q235A
10	阀盖 Bonnet	WCB	20	螺母 Nut	35

燃气平板闸阀

GAS FLAT GATE VALVE



执行标准 Execution Standard

设计依据 Design basis	设计标准 Design criteria	结构长度 Face to face		连接法兰 Connecting flange	对焊端 Butt welding end	试验和检验 Test and inspection
		法兰 Flange	焊接 Welding			
GB	JB/T5298	GB/T 12221 JB/T5298	GB/T15188.1	GB/T9113 JB/T 79	GB/T 12224	JB/T 9092
API	API 6D ASME B16.34	API 6D ASME B16.10		ASME B16.5 MSS SP44	ASME B16.25	API6D API598

注：阀门连接法兰尺寸可根据用户要求设计制造。

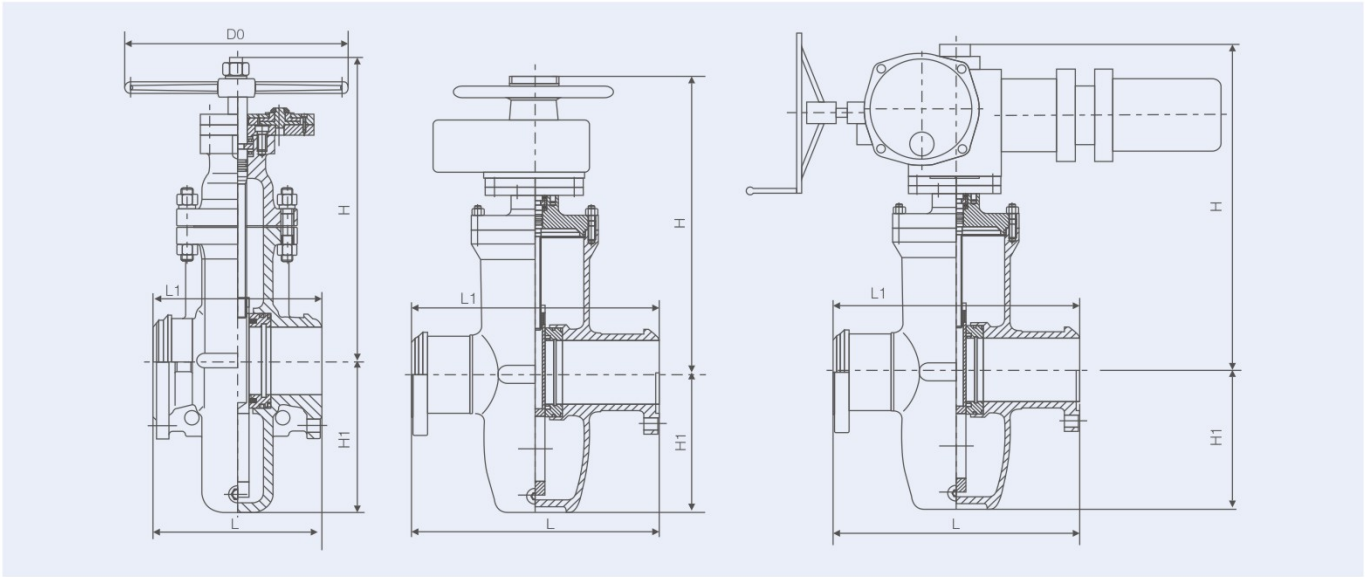
Note: The valve connecting flange size can be designed and manufactured according to user requirements

主要零件材料 Main Parts and Materials

序号 No.	零件名称 Part name	材料 Material	序号 No.	零件名称 Part name	材料 Material
		GB			GB
1	排污堵头 Drain plug	25	10	阀盖 Bonnet	WCB
2	阀体 Body	WCB	11	O形圈 O-ring	NBR
3	闸板 Disc	16Mn+ENP	12	轴承 Bearing	组件 Component
4	密封圈 Sealing ring	PTFE	13	对开环 Split ring	45
5	阀座 Seat	16Mn	14	内六角螺钉 Socket head cap screw	45
6	O形圈 O-ring	NBR	15	双头螺柱 Double-headed stud	35CrMo
7	阀杆螺母 Stem nut	ZQAL9-4	16	螺母 Nut	NBR-18
8	阀杆 Stem	1Cr13	17	键 Key	45
9	O形圈 O-ring	NBR	18	开关指示器 Switch indicator	组件 Component

燃气平板闸阀

GAS FLAT GATE VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

PN0.4、0.6、1.0、1.6、2.0、2.5 MPa(Class150)

DN (mm)	NPS (in)	法兰 Flange	对焊 Butt welding	手动 Manual			齿动 Tooth movement			齿动装置 Tooth movement device	电动 Electric			电动装置 Electric actuator
		L	L ₁	H	H ₁	D ₀	H	H ₁	D ₀		H	H ₁	D ₀	
(K)Z4(5、9B)4(6)7F														
25	1	127	127	85	228	180	—	—	—	—	—	—	—	—
32	1 1/4	140	140	103	231	180	—	—	—	—	—	—	—	—
40	1 1/2	165	165	115	240	250	—	—	—	—	—	—	—	—
50	2	178	216	130	255	250	—	—	—	—	—	—	—	—
65	2 1/2	190	241	160	355	300	—	—	—	—	—	—	—	—
80	3	203	283	180	360	300	—	—	—	—	—	—	—	—
100	4	229	305	214	400	300	—	—	—	—	—	—	—	—
125	5	254	381	257	460	350	—	—	—	—	—	—	—	—
150	6	267	403	300	500	350	—	—	—	—	—	—	—	—
200	8	292	419	388	570	350	—	—	—	—	—	—	—	—
250	10	330	457	475	680	400	475	700	350	0型(Type)	475	710	500	SMC-03
300	12	356	502	547	750	450	547	870	350	0型(Type)	547	880	305	SMC-00
350	14	381	572	625	875	450	625	995	450	1型(Type)	625	1045	305	SMC-00
400	16	406	610	712	1000	500	712	1120	450	1型(Type)	712	1130	305	SMC-00
450	18	432	660	785	1130	500	785	1280	450	1型(Type)	785	1360	305	SMC-0
500	20	457	711	880	1200	600	880	1350	450	1型(Type)	880	1430	305	SMC-0
600	24	508	813	1045	1420	800	1045	1570	500	2型(Type)	1045	1650	305	SMC-1
700	28	610	914	1190	1650	800	1190	1800	500	2型(Type)	1190	1910	305	SMC-1
800	32	660	965	1360	1880	1000	1360	2040	500	2型(Type)	1360	2140	305	SMC-1
900	36	711	1016	1510	2100	1000	1510	2280	600	3型(Type)	1510	2390	458	SMC-2
1000	40	811	—	1715	2300	1200	1715	2480	600	3型(Type)	1715	2590	458	SMC-2

注：本表中结构长度按GB/T 12221-2005标准。 Note: The Face to Face in this table is in accordance with GB/T 12221-2005 standard.

燃气平板闸阀

GAS FLAT GATE VALVE

主要外形连接尺寸 Main Boundary Connection Dimensions

PN4.0、PN5.0 MPa(Class300)

DN (mm)	NPS (in)	法兰 Flange		对焊 Butt welding	手动 Manual			齿动 Tooth movement			齿动装置 Tooth movement device	电动 Electric			电动装置 Electric actuator
		L(BG)	L(API)		L ₁	H	H ₁	D ₀	H	H ₁		D ₀	H	H ₁	
(K)Z4(5、9B)4(6)7F															
25	1	165	165	165	85	238	180	—	—	—	—	—	—	—	—
32	1 1/4	178	178	178	103	238	180	—	—	—	—	—	—	—	—
40	1 1/2	190	190	190	115	245	250	—	—	—	—	—	—	—	—
50	2	216	216	216	130	265	250	—	—	—	—	—	—	—	—
65	2 1/2	241	241	241	160	365	300	—	—	—	—	—	—	—	—
80	3	283	283	283	180	375	300	—	—	—	—	—	—	—	—
100	4	305	305	305	214	420	300	—	—	—	—	—	—	—	—
125	5	381	381	381	257	480	350	—	—	—	—	—	—	—	—
150	6	403	403	403	300	520	350	—	—	—	—	—	—	—	—
200	8	419	419	419	388	590	350	388	710	350	0型(Type)	388	720	305	SMC-00
250	10	457	457	457	475	700	400	475	820	350	0型(Type)	475	830	305	SMC-00
300	12	502	502	502	547	780	450	547	900	450	1型(Type)	547	910	305	SMC-0
350	14	572	762	762	625	895	450	625	1015	450	1型(Type)	625	1095	305	SMC-0
400	16	610	838	838	712	1020	550	712	1150	450	1型(Type)	712	1230	305	SMC-0
450	18	660	914	914	785	1150	700	785	1300	500	2型(Type)	785	1400	305	SMC-1
500	20	711	991	991	880	1220	800	880	1370	500	2型(Type)	880	1470	305	SMC-1
600	24	787	1143	1143	1045	1440	1000	1045	1620	600	3型(Type)	1045	1730	305	SMC-1

主要外形连接尺寸 Main Boundary Connection Dimensions

PN6.4 MPa (Class400)

DN (mm)	NPS (in)	法兰 Flange	对焊 Butt welding	手动 Manual			齿动 Tooth movement			齿动装置 Tooth movement device	电动 Electric			电动装置 Electric actuator
		L	L ₁	H	H ₁	D ₀	H	H ₁	D ₀		H	H ₁	D ₀	
(K)Z4(5、9B)4(6)7F														
50	2	250	292	158	265	300	—	—	—	—	—	—	—	—
65	2½	280	330	190	365	300	—	—	—	—	—	—	—	—
80	3	310	356	225	375	350	—	—	—	—	—	—	—	—
100	4	350	406	255	420	350	—	—	—	—	—	—	—	—
125	5	400	457	275	480	400	—	—	—	—	—	—	—	—
150	6	450	495	330	520	400	—	—	—	—	—	—	—	—
200	8	550	597	410	590	500	388	710	350	0型(Type)	388	720	305	SMC-0
250	10	650	673	490	700	500	475	820	350	0型(Type)	475	830	305	SMC-0
300	12	750	762	570	780	600	547	900	450	1型(Type)	547	910	305	SMC-0
350	14	850	826	625	910	600	625	1015	450	1型(Type)	625	1095	305	SMC-1
400	16	950	902	735	1020	700	712	1150	450	1型(Type)	712	1230	305	SMC-1

注：本表中结构长度按GB/T 12221-2005标准。 Note: The Face to Face in this table is in accordance with GB/T 12221-2005 standard.

水封闸阀
WATER SEAL GATE VALVE

产品概述 Product Overview

DSZ64H水封闸阀采用双闸板双向弹性密封、启闭灵活、迅速、密封可靠，填料函设计成水密封结构，当接口通入压力0.6~1.6MPa的水时，可使系统与大气隔离，保证系统具有良好的气密性。适用于工作介质为水、蒸汽、油品和非腐蚀气体的管路上作启闭装置用，尤其适用于火电厂汽机真空冷凝系统。

DSZ64H water seal gate valve adopts double gate plate two-way elastic seal, flexible opening and closing, rapid, reliable sealing, packing box designed as a water seal structure, when the interface enters the pressure of 0.6~1.6MPa water, can make the system isolated from the atmosphere, to ensure that the system has good air tightness. It is suitable for the opening and closing device of the pipeline where the working medium is water, steam, oil and non-corrosive gas, especially for the vacuum condensing system of steam engine in thermal power plant.

产品特点 Product Features

- 1、启闭件采用双闸板双向弹性密封，启闭轻松，密封可靠，性能良好。
- 2、结构简单，紧凑合理，检修方便，使用寿命长，造型美观。
- 3、在管路上作启闭装置用，必须处于全开或全闭状态，不得用于调节流量。
- 4、阀杆经调质及表面氮化处理，有良好的抗腐蚀性，抗擦伤性和耐磨性。
- 5、阀门连接方式有法兰和焊接两种，驱动方式为手动和电动。

- 1, the opening and closing parts use double ram two-way elastic seal, easy to open and close, reliable sealing, good performance.
- 2, simple structure, compact and reasonable, easy maintenance, long service life, beautiful shape.
- 3, in the pipeline for the opening and closing device, must be in a fully open or fully closed state, shall not be used to adjust the flow.
- 4, the valve stem after tempering and surface nitriding treatment, has good corrosion resistance, abrasion resistance and wear resistance.
- 5, the valve connection mode has two kinds of flange and welding, the driving mode is manual and electric.

执行标准 Execution Standard

设计与制造 Design and manufacture	GB/T 12234
法兰尺寸 Flange size	GB/T9113、JB/T79
压力温度 Pressure temperature	JB/T74、GB9131
结构长度 Structural length	GB/T12221
检验与试验 Inspection and test	JB/T9092、GB/T 13927

主要性能规范 Main Performance Specifications

检验项目 Inspection item	公称压力 PN/MPa Nominal pressure					
试验压力 Test pressure	1.0	1.6	2.5	4.0	6.4	10.0
壳体强度试验 Shell strength test	1.5	2.4	3.8	6.0	9.6	15.0
密封试验 Seal test	1.1	1.8	2.8	4.4	7.0	11.0
上密封试验 Upper seal test	1.1	1.8	2.8	4.4	7.0	11.0
气密封试验 Gas seal test	0.5~0.7					

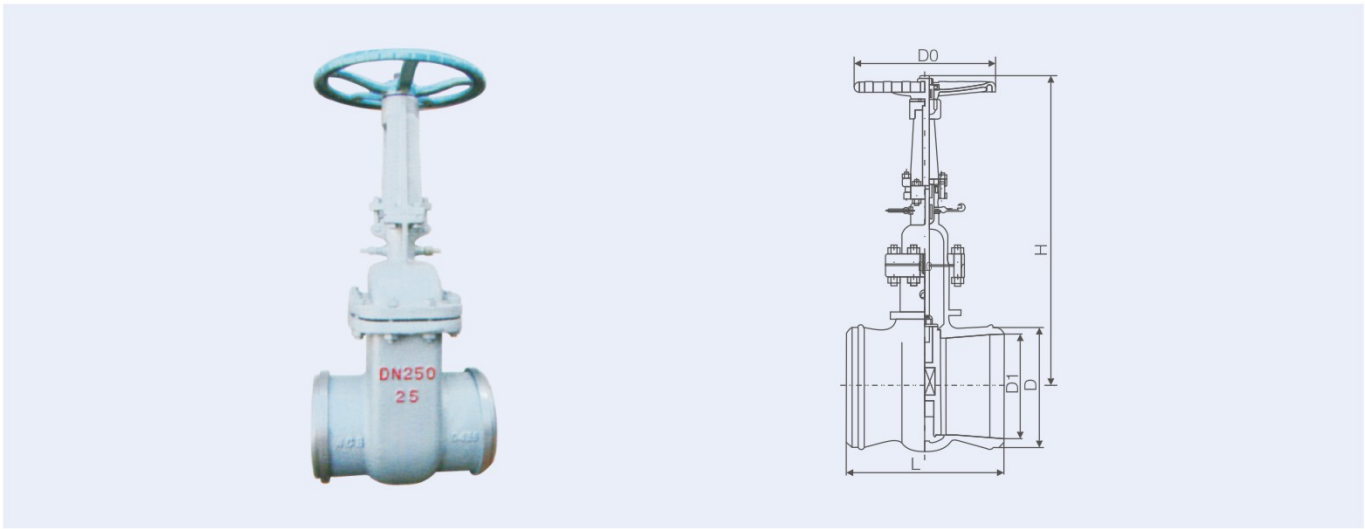
使用范围 Scope of Use

产品类别 Product category	适用温度/℃ Applicable temperature	适用介质 Applicable medium
碳钢型(C) Carbon steel type (C)	≤425	水、蒸汽、油品、非腐蚀性气体 Water, steam, oil, non-corrosive gases
合金钢(I) Alloy steel (I)	≤540	

主要零件材料 Main Parts and Materials

产品类型 Product type	零件名称 Part name					
材质分类 Material classification	阀体、阀盖、支架 body, bonnet, bracket	阀杆 stem	闸板、阀瓣、密封面 Gate, disc, sealing surface	阀座密封面 Sealing surface of valve seat	阀杆螺母 Stem nut	填料 filler
碳钢型 Carbon steel type	WCB 25	1Cr13或or2Cr13	Cr13型不锈钢或硬质合金 Cr13 stainless steel or carbide	不锈钢 Stainless steel	铝青铜 Aluminium bronze	柔性石墨 Flexible graphite
合金钢 Alloy steel	Wc6 Cr5Mo1	38CrMoA1A 20Cr1Mo1VA	钴基合金 Cobalt-based alloy	硬质合金 Cemented carbide		

水封闸阀
WATER SEAL GATE VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

DN(mm)	L	H	D0	PN1.6(MPa)			PN2.5(MPa)		
				D	D1	WT(kg)	D1	H	WT(kg)
50	250	334	250	58	50	19	64	49	23
65	270	439	250	75	65	32	82	67	35
80	280	495	300	91	79	34	95	77	37
100	300	575	350	110	97	44	117	101	49
125	325	587	350	136	121	75	144	126	78
150	350	607	350	163	146	82	172	158	105
200	400	740	400	223	202	158	223	202	160
250	450	863	400	278	254	184	278	254	188
300	500	990	400	330	305	245	330	305	249
350	550	1137	500	382	352	492	382	352	497
400	600	1523	500	432	399	588	432	399	592
450	650	1618	600	485	451	683	485	451	688
500	700	1657	600	535	501	846	535	499	853
600	800	1746	700	636	601	1013	636	599	1020

注：PN1.6（16）阀门允许作为PN1.0（10）压力级选用。Note:PN1.6(16)valve is permit be used as PN1.0(10)。

主要外形连接尺寸 Main Boundary Connection Dimensions

DN(mm)	L	D	PN4.0(MPa)				PN6.4(MPa)				PN10.0(MPa)			
			D1	H	D0	WT (kg)	D1	H	D0	WT (kg)	D1	H	D0	WT (kg)
DS/Z64H-40、64、100														
50	250	64	49	345	300	30	50	350	300	34	49	350	300	37
65	270	83	67	411	300	38	66	447	300	41	64	447	300	44
80	280	96	79	495	350	42	77	499	350	45	75	499	350	47
100	300	117	101	575	350	52	99	582	400	55	97	582	400	57
125	325	144	126	587	400	80	129	590	400	83	125	590	400	87
150	350	172	152	607	400	107	150	611	450	110	145	611	450	113
200	400	223	200	740	450	164	198	745	550	169	190	747	550	172
250	450	278	252	863	550	191	246	867	650	195	236	869	650	198
300	500	330	302	1008	650	254	294	1008	750	260	282	1013	750	265
350	550	382	350	1142	750	499	342	1148	800	504	334	1148	850	508

注：本表中结构长度按GB/T 12221–2005标准。Note: The Face to Face in this table is in accordance with GB/T 12221–2005 standard.

手动刀型闸阀

MANUAL KNIFE GATE VALVE

产品用途 Product Usage

刀闸阀因采用刀型闸板，具有良好的剪切作用，最适宜于浆料、粉粒料、纤维等难以控制的流体，广泛应用于造纸、石化、矿山、排水、食品等行业。具有多种阀座可供选择，并且可依据现场控制需求，配备电动或气动执行器，实现阀门的自动化操作。

Knife gate valve With knife type damper, has good shearing action, the most suitable for pulp, powder material, such as fiber is difficult to control the fluid flow, widely used in papermaking, petrochemical, mining, drainage, food and other industries. With multiple seats to choose from, and can be on the basis of field control requirements, equipped with electric or pneumatic actuators, realize the automation of valve operation.

产品特点 Product Features

- 1、超短结构长度，节省材料，可使管路系统整体重量大大减轻；
- 2、占用有效空间小，能有效支持管道的强度，可减少管道振动的可能性；
- 3、闸板选用奥氏体不锈钢，耐腐蚀性能大大提高，可有效的防止由于闸板腐蚀引起的密封泄漏；
- 4、上密封填料采用柔性 PTFE，密封可靠、操作轻便灵活；
- 5、闸板具有闸刀的功能，能有效的闸断介质中各类杂物；
- 6、采用硬密封不锈钢材质，阀瓣喷焊处理，可以扩展阀门对温度、压力的要求。

1. The structure of the ultra short length, save material, can make the pipeline system greatly reduce the overall weight;
2. Take up the effective space is little, can effectively support the pipeline strength, can reduce the possibility of pipeline vibration;
3. Choose austenitic stainless steel gate, decay resistance performance is greatly improved, can effectively prevent because of damper seal leakage caused by corrosion
4. PTFE packing on using the flexible, reliable seal, flexible operation of the light;
5. Has the function of knife gate can effective brake circuit medium of various kinds of sundry;
6. Hard seal stainless steel material, the disc spray welding processing, can extend the valve to temperature and pressure requirements.

执行标准 Execution Standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to Face	连接法兰 Flange end	试验与检验 Test & check
	JB/T8691	GB/T12221	GB/T9113、JB/T79 HG/T20592	GB/T 26480 GB/T 13927

主要性能规范 Main Performance Specifications

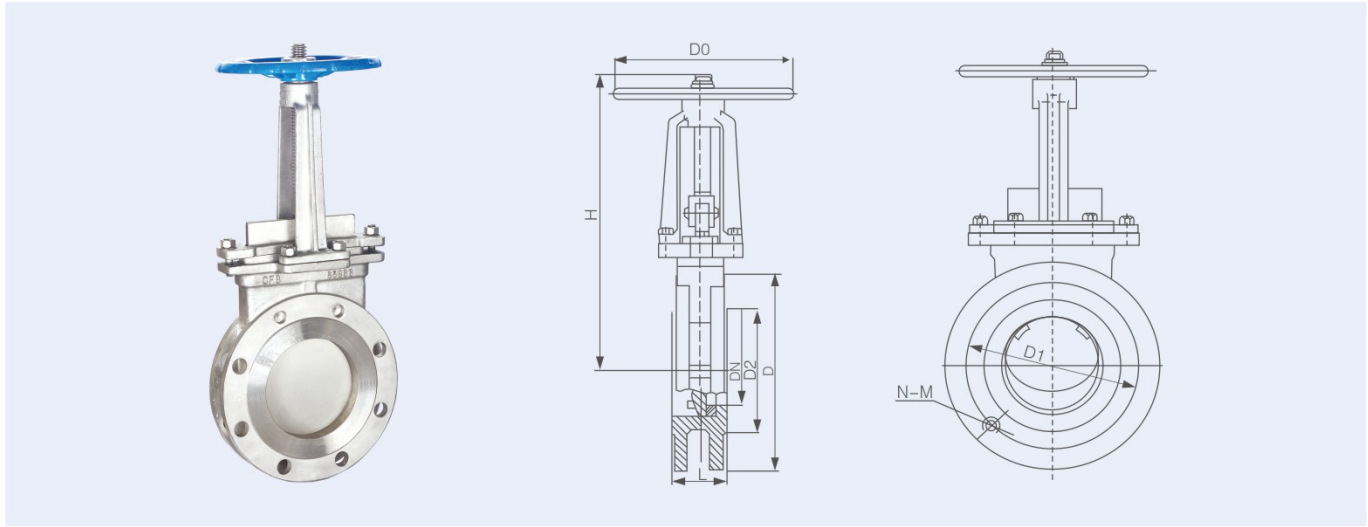
公称压力PN(MPa) Nominal pressure	试验压力(MPa) Test pressure		工作温度 Working temperature	适用介质 Applicable medium
	壳体 Shell	密封 Seal		
0.6	2.4	1.8	≤900℃	纸浆、污水、煤浆、灰、渣水混合物 Pulp, waste water, coal slurry, ash, slag water mixture
1.0	1.5	1.1		

主要零件材料 Main Part Materials

零件名称 Part name	材料 Material	
阀体 Body	WCB	ZG2Cr25Ni20Si2
闸板 Disc	20、25	
支架 Yoke	WCB	ZG15Cr1Mo1V
阀杆 Stem	20Cr13	38CrMoA1A
阀座 Seat	25堆焊硬质合金 (Carbide surfacing)	
填料压盖 Packing gland	WCB	ZG2Cr25Ni20Si2

手动刀型闸阀

MANUAL KNIFE GATE VALVE



主要零件材料 Main Part Materials

阀体、上盖 Body, up bonnet	碳钢、不锈钢 Carbon steel, stainless steel
闸板 Disc	不锈钢 Stainless steel
阀杆 Stem	不锈钢 Stainless steel
密封圈 Seal ring	橡胶、四氟、不锈钢、 硬质合金 Rubber, PTFE, stainless steel, Hard alloy

主要性能规范 Main Performance Specifications

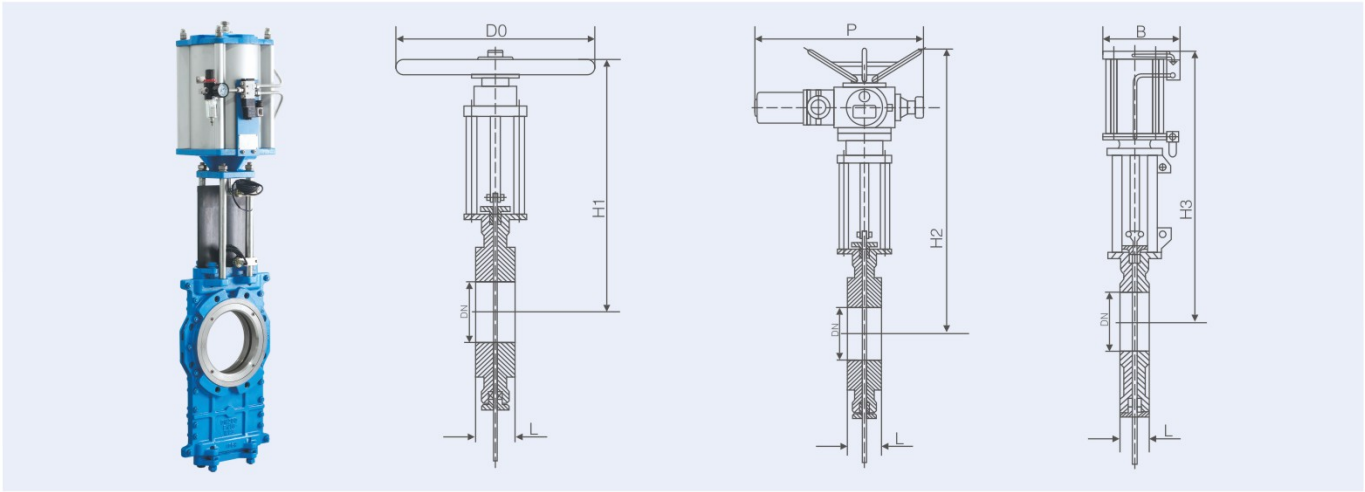
公称压力 Nominal pressure	PN
壳体试验 Shell test	1.5XPN
密封试验 Sealing test	1.1XPN
工作温度 Working temperature	橡胶 ≤80℃ 四氟密封 ≤180℃ 硬密封 ≤425℃ 80 °C or less four fluorine rubber seal 180 °C or less hard seal 425 °C or less
适用介质 Applicable medium	糖浆、纸浆、污水、煤浆、会、渣水混合物 Syrup, pulp, waste water, coal slurry, slag, water mixtures

主要外形连接尺寸 Main Boundary Connection Dimensions

DN(mm)	L	D	D1	D2	H	N-M	D0
	PN1.0MPa PZ73X-1.0 PZ73F-1.0 PZ73H-1.0 PZ73Y-1.0						
50	43	165	125	102	285	4-M16	180
65	46	185	145	122	298	8-M16	180
80	46	200	160	138	315	8-M16	220
100	52	220	180	158	365	8-M16	220
125	56	250	210	188	400	8-M16	230
150	56	285	240	212	470	8-M20	280
200	60	340	295	268	540	8-M20	360
250	68	395	350	320	630	12-M20	360
300	78	445	400	370	780	12-M20	400
350	78	505	460	430	885	16-M20	400
400	102	565	515	482	990	16-M24	400
450	114	615	565	532	1100	20-M24	530
500	127	670	620	585	1200	20-M24	530
600	154	780	725	685	1450	20-M27	600
700	165	895	840	800	1700	24-M27	600
800	190	1015	950	905	2000	24-M30	680
900	203	1115	1050	1005	2300	28-M30	680

注：本表中法兰尺寸按JB/T 79标准，结构长度按GB/T 12221标准。
Note: The dimensions of flanges in this table are JB/T 79 standard, and the Face to Face is GB/T 12221 standard.

气动插板阀
PNEUMATIC INSERT VALVE



执行标准 Execution Standard

设计规范 Design spec	结构长度 Face to face	试验与检验 Test & check	压力-温度 Test & check
JB/T 7746、API602 MSS SP-81	JB/T 7746 MSS SP-81	JB/T 9092、API598 MSS SP-81	GB/T 9131、ANSI B16.34

主要零件材料 Main Parts and Materials

阀体、上盖 Body, up bonnet	碳钢、不锈钢 Carbon steel, stainless steel
闸板 Disc	不锈钢 Stainless steel
阀杆 Stem	不锈钢 Stainless steel
密封圈 Seal ring	四氟、橡胶 PTFE, rubber

主要性能规范 Main Performance Specifications

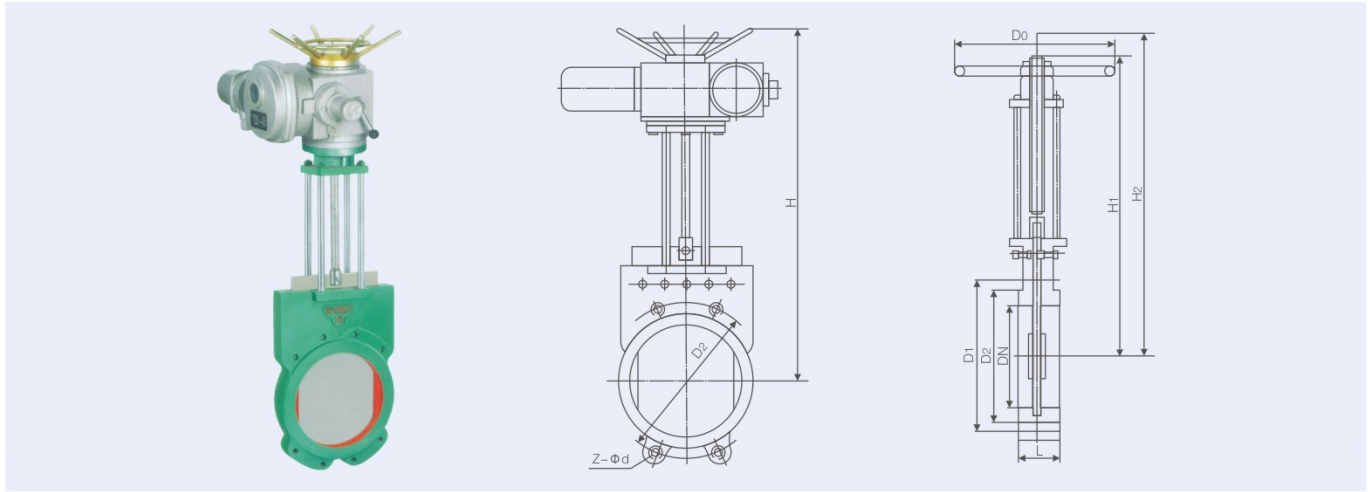
公称压力 Nominal pressure	PN
壳体试验 Shell test	1.5XPN
密封试验 Sealing test	1.1XPN
工作温度 Working temperature	橡胶 Rubber≤80℃ 四氟密封 Ptfе sealing≤180℃
适用介质 Applicable medium	干灰、纸浆、糖浆、污水、煤气粉末颗粒物、渣水混合物等 Dry ash, pulp, syrup, water, gas, slag powder particles and water mixture, etc

主要外形连接尺寸 Main Boundary Connection Dimensions

PN1.0/1.6MPa

DN(mm)	L	H1	H2	H3	D1	D2	D0	N-M	P	B
Z673X/FSCZ					Z973X/FSCZ					
100	51	405	705	585	180	156	240	8-M16	490	170
125	57	450	750	665	210	184	260	8-M16	490	190
150	57	510	810	770	240	211	280	8-M20	490	240
200	70	615	930	920	295	266	300	12-M20	520	335
250	70	715	1080	1175	355	319	320	12-M24	520	335
300	76	822	1140	1255	410	370	340	12-M24	520	335
350	76	975	1290	1455	470	429	360	16-M24	520	350
400	89	1024	1344	1559	525	480	400	16-M27	605	390
450	89	1235	1560	1926	585	548	450	20-M27	605	430
500	114	1265	1610	2226	650	609	500	20-M30	605	430

电动浆液阀
ELECTRIC SLURRY VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

PN0.25/0.6/1.0/1.6MPa

DN(mm)	L	D1	D2	Z-Φd	H	H1	D0	WT(kg)			
Z73X-2.5C	Z73X-6C	Z73X-10C	Z573X-2.5C	Z573X-6C	Z573X-10C	Z673X-2.5C	Z673X-6C	Z673X-10C	Z973X-2.5C	Z973X-6C	Z973X-10C
50	40	125	100	4-M16	337	268	180	80			
65	40	145	120	4-M16	357	291	180	90			
80	50	160	135	8-M16	400	316	180	112			
100	50	180	155	8-M16	466	364	200	140			
150	60	270	210	8-M20	633	478	240	195			
200	60	295	265	8-M20	744	543	280	260			
250	70	350	313	12-M20	940	687	360	370			
300	70	400	368	12-M20	1087	783	360	455			
350	80	460	430	16-M20	1238	885	400	640			
400	80	515	482	16-M24	1394	994	400	960			
450	90	565	532	20-M24	1550	1100	400	1280			
500	90	620	585	20-M24	1700	1200	400	1710			
600	100	725	685	20-M27	2080	1480	400	1895			
700	100	840	800	24-M27	1720	2470	800	2100			
800	120	950	905	24-M30	2000	2900	800	2410			
900	150	1050	1005	28-M30	2130	3100	800	2660			
Z73X-16C Z573X-16C Z673X-16C Z973X-16C											
200	60	295	180	12-M20	754	552	240	265			
250	68	355	230	12-M24	945	692	240	376			
300	78	410	280	12-M24	1010	788	370	455			
350	78	470	330	16-M24	1245	890	370	648			
400	102	525	380	16-M24	1685	1000	400	970			
450	114	585	430	20-M27	1835	1110	400	1300			
500	127	650	480	20-M30	1926	1230	400	1760			
600	154	770	700	20-M36	2360	1500	800	1980			

衬氟闸阀
FLUORINE LINED GATE VALVE

产品用途 Product Usage

衬氟闸阀适用在-50℃~150℃的各种浓度的王水、硫酸、盐酸、氢氟酸和各种有机酸、强酸、强氧化剂，FEP还适用于各种浓度的强碱有机溶剂以及其它腐蚀性气体、液体介质的管路上使用。

Fluorine lined gate valve used in -50℃~150℃ of aqua regia, various concentration of sulfuric acid, hydrochloric acid, hydrofluoric acid and various organic acid, strong acid, strong oxidizer, FEP also apply to all kinds of organic solvent concentration of alkali and other corrosive gas and liquid medium used on the pipeline.

产品特点 Product Features

- 1、阀体有扁体和圆体两种形状：GB阀门采用圆体，ANSI磅级阀门DN≤300mm采用扁体，DN≥400mm采用圆体，阀体、阀盖的内腔和闸板、阀杆外表面等直接与介质接触的部件，全部衬FEP(F46)等氟塑料；
- 2、密封副为FPF(F46)/ FEP(F46)或其它材料组合，摩擦系数小，启闭力矩低；
- 3、填料采用PTFE(F4)标准填料，密封性能好，维修更换方便；
- 4、带有弹性的闸板，可补偿闸板密封面与阀座密封面之间楔角偏差，吻合度好，密封效果理想；
- 5、介质可从两侧任意方向通过闸阀，适用于介质方向可能改变的管路上作用启闭装置。

1. The body is flat and round two shapes: GB valve adopts the round body, ANSI class valves DN 300 mm or less flat body, a DN 400 mm or adopt round body, the inner cavity of body, bonnet and external surface of the disc, the stem and direct contact with the medium components, lining FEP (F46) such as fluorine plastic;
2. Seal for PPF (F46)/FEP (F46) or other material combination, small friction coefficient, low open-close torque;
3. Packing PTFE (F4) standard packing, sealing performance is good, maintenance easy to change;
4. With elastic damper, can compensate gate wedge Angle deviation between seal face and seat sealing surface, good inosculation, sealing effect is ideal;
5. Medium are available from any direction on both sides through the gate, suitable for medium direction may change the pipeline operator.

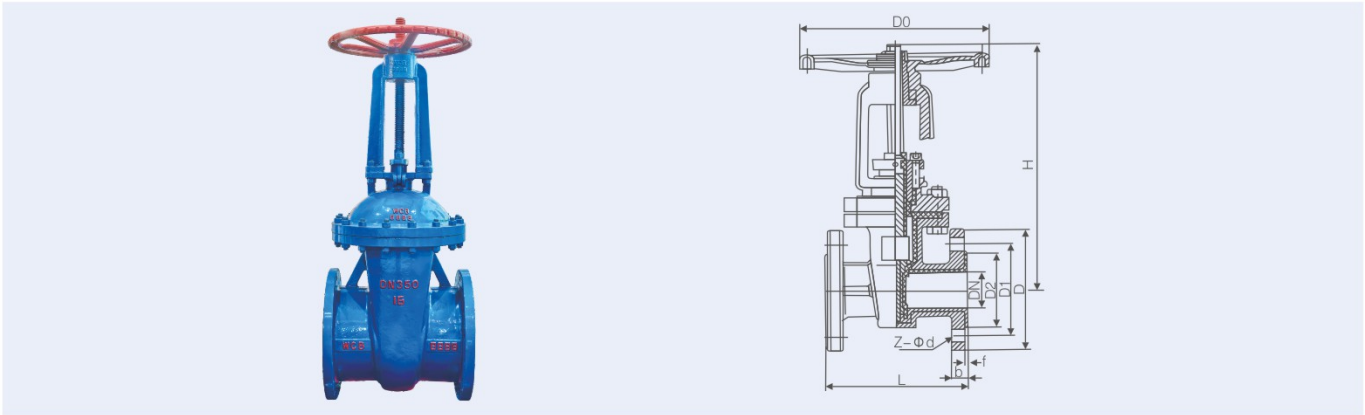
执行标准 Execution Standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to Face	连接法兰 Flange end	试验与检验 Test & check
	JB/T11488	GB/T12221	GB/T 9113 JB/T 79、HG/T20592	GB/T13927 GB/T26480

主要零件材料 Main Part Materials

序号NO.	零件名称 Part name	灰铸铁 Gray cast iron	铸钢 Cast steel	不锈钢耐铸钢 Acid-proof stainless steel casting		超低碳不锈钢耐酸铸阀 Ultra-low carbon stainless acid-resistant cast valve	
		Z	C	P	R	PL	RL
1	阀体/端盖/闸板 Body/cover/disc	HT250	WCB	CF8	CF8M	CF3	CF3M
2	阀杆 Stem	20Cr13	1Cr18Ni9	0Cr18Ni9	0Cr17Ni2Mo2	00Cr19Ni10	00Cr17Ni14Mo2
3	衬里/阀座 lining/seat	PTFE(F4)、PCTFE(F3)、FEP(F46)、PFA(可溶性 soluble4)					
4	填料压盖 Packing gland	WCB		CF8	CF8M	CF3	CF3M
5	填料 Packing	PTFE(F4)		PTFE(F4)		PTFE(F4)	
6	活节螺栓 Eyelet bolt	35		1Cr17Ni2		1Cr17Ni2	
7	阀杆螺母 Stem nut	ZCuAl10Fe3		ZCuAl10Fe3		ZCuAl10Fe3	
8	紧固螺母 Tighten nut	45		1Cr17Ni2		1Cr18Ni9Ti	
9	螺母 Nut	0Cr18Ni9		0Cr18Ni9		0Cr18Ni9	
10	手轮 Handwheel	WCB		WCB		WCB	

衬氟闸阀
FLUORINE LINED GATE VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

Z41F4/46-1.0MPa

公称通径(DN) Nominal diameter	L	D	D ₁	D ₂	f	b	Z-φ d	D ₀	H	WT(kg)
15	108	95	65	45	2	16	4-φ 14	120	175	6
20	117	105	75	58	2	18	4-φ 14	120	195	8
25	127	115	85	68	2	18	4-φ 14	160	230	10
32	140	140	100	78	2	18	4-φ 18	160	245	11
40	240	150	110	88	2	18	4-φ 18	180	285	13
50	250	165	125	102	2	18	4-φ 18	200	300	16
65	270	185	145	122	2	18	8-φ 18	250	340	20
80	280	200	160	138	2	20	8-φ 18	280	410	30
100	300	220	180	158	2	20	8-φ 18	300	465	40
125	325	250	210	188	2	22	8-φ 18	320	620	60
150	350	285	240	212	2	22	8-φ 22	350	710	85

主要外形连接尺寸 Main Boundary Connection Dimensions

Z41F4/46-1.6MPa

公称通径(DN) Nominal diameter	L	D	D ₁	D ₂	f	b	Z-φ d	D ₀	H	WT(kg)
15	130	95	65	45	2	16	4-φ 14	120	175	6
20	150	105	75	58	2	18	4-φ 14	120	195	8
25	160	115	85	68	2	18	4-φ 14	160	230	10
32	180	140	100	78	2	18	4-φ 18	160	245	11
40	200	150	110	88	2	18	4-φ 18	180	285	13
50	250	165	125	102	2	18	4-φ 18	200	300	16
65	265	185	145	122	2	18	8-φ 18	250	340	20
80	280	200	160	138	2	20	8-φ 18	280	410	30
100	300	220	180	158	2	20	8-φ 18	300	465	40
125	325	250	210	188	2	22	8-φ 18	320	620	60
150	350	285	240	212	2	22	8-φ 22	350	710	85

主要外形连接尺寸 Main Boundary Connection Dimensions

Z41F4/46-2.5MPa

公称通径(DN) Nominal diameter	L	D	D ₁	D ₂	f	b	Z-φ d	D ₀	H	WT(kg)
15	130	95	65	45	2	16	4-φ 14	120	175	8
20	150	105	75	58	2	18	4-φ 14	120	195	10
25	160	115	85	68	2	18	4-φ 14	160	230	11.5
32	180	140	100	78	2	18	4-φ 18	160	245	13
40	200	150	110	88	2	18	4-φ 18	180	285	14
50	250	165	125	102	2	20	4-φ 18	200	300	20
65	265	185	145	122	2	22	8-φ 18	250	340	25
80	280	200	160	138	2	24	8-φ 18	280	410	35
100	300	235	190	162	2	24	8-φ 22	300	465	45
125	325	270	220	188	2	26	8-φ 26	320	620	65
150	350	300	250	218	2	28	8-φ 26	350	710	88

注：本表中法兰尺寸按HG/T20592标准，结构长度按GB/T 12221标准。
Note: The dimensions of flanges in this table are HG/T20592 standard, and the Face to Face is GB/T 12221 standard.

保温夹套闸阀

INSULATED JACKET GATE VALVE

产品用途 Product Usage

保温夹套闸阀主要用于石油、化工、冶金、制药等各类系统中，以输送常温下会凝固的高粘度介质。该系列阀门的夹套焊装于阀门的两法兰之间，阀门的侧面、底部设置有夹套的连接口。由于增加了夹套，此种阀门的连接法兰尺寸要比同一规格普通阀门的连接法兰大一到两个规格，但结构长度与同规格的阀门相同，夹套中可自由地流过蒸汽或其它热的保温介质，确保粘稠介质可顺畅地流过阀门。

Insulated jacket gate valve is mainly used in oil, chemical, metallurgical, pharmaceutical and other kinds of systems, in order to transport under normal temperature solidification of high viscosity medium. This series of jacketed welding of valve in the valve between the two flanges, the side of the valve, connection Settings are at the bottom of the jacket. Due to the increased the jacket, this kind of valve connecting flange size than the same specifications ordinary valve connecting flange freshman year to two specifications, but the length of the structure with the same specifications of the valve, can freely through the jacket steam or other heat insulation medium, to ensure that the viscous medium can be smoothly through the valve.

产品特点 Product Features

- 1、启闭时较省力，是与截止阀相比而言，因为无论是开或闭，闸板运动方向均与介质流动方向相垂直；
- 2、启闭时间长，闸板的启闭行程较大，降是通过螺杆进行的；
- 3、介质可向两侧任意方向流动，易于安装，闸阀通道两侧是对称的；
- 4、结构长度(系壳体两连接端面之间的距离)较小；
- 5、结构紧凑，流动阻力小，通道流畅，密封面采用不锈钢和硬质合金，使用寿命长，采用PTFE填料，密封可靠，操作轻便灵活。

1. More energy when opening and closing, is compared with the cut-off valve, because whether on or off, disc direction are vertical to the phase with medium flow;
2. The opening and closing time is long, disc opening and closing of the trip is bigger, is through the screw;
3. The medium flows on both sides to any direction, easy to install, gate on both sides of channel is symmetric;
4. The structure of the length (the distance between the two connection end face shell) is smaller;
5. Compact structure, small flow resistance, smooth channel, the sealing surface of stainless steel and carbide, long service life, using PTFE packing, reliable seal, flexible operation of the light.

执行标准 Execution Standard

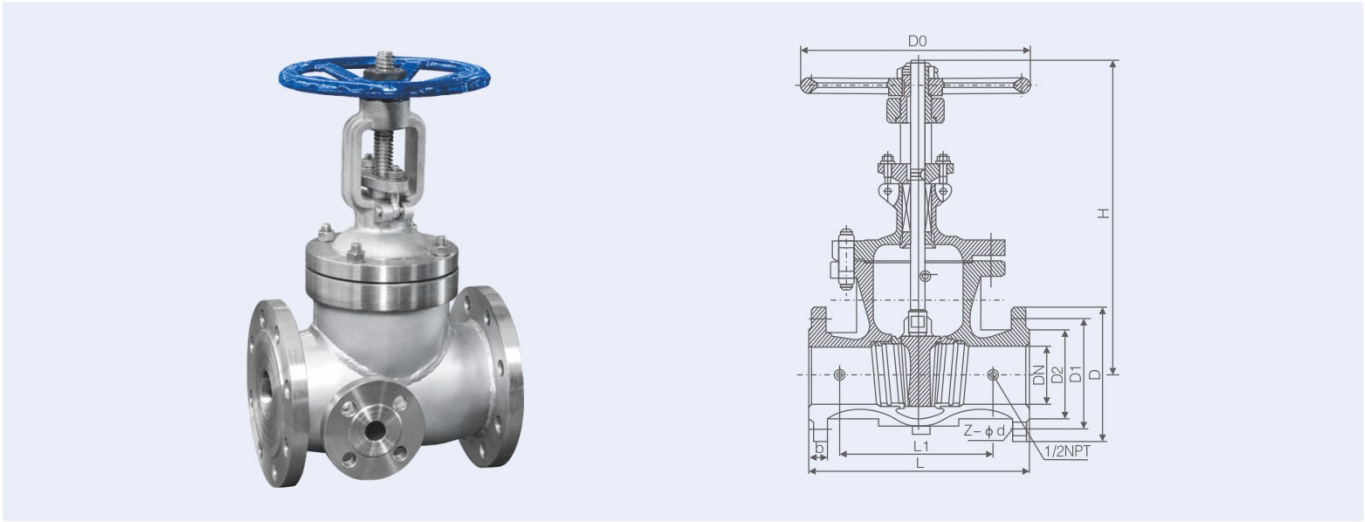
产品规范 Product specification	设计规范 Design spec	结构长度 Face to face	连接法兰 Flange end	试验与检验 Test & check	压力-温度 Pressure-temp
	GB/T12234	GB/T12221	GB/T9113 JB/T79、GB/T20592、 EN1092	JB/T9092 GB/T13927、API598	GB/T12224

主要零件材料 Main Parts and Materials

零件名称 Part name	ZG1Cr18Ni9Ti 系列 (Series)	ZG00Cr18Ni10 系列 (Series)	ZG1Cr18Ni12Mo2Ti 系列 (Series)	ZG00Cr17Ni14Mo2 系列 (Series)	WCB 系列 (Series)
阀体/阀盖 Body, bonnet	ZG1Cr18Ni9Ti	ZG00Cr18Ni10	ZG1Cr18Ni12Mo2Ti	ZG00Cr17Ni14Mo2	WCB
闸板 Disc	ZG1Cr18Ni9Ti	ZG00Cr18Ni10	ZG1Cr18Ni12Mo2Ti	ZG00Cr17Ni14Mo2	1Cr13
阀杆 Stem	1Cr18Ni9Ti	00Cr18Ni10	1Cr18Ni12Mo2Ti	00Cr17Ni14Mo2	1Cr13
填料 Packing	PTFE编织 (Weaving)	PTFE编织 (Weaving)	PTFE编织 (Weaving)	PTFE编织 (Weaving)	石墨 Graphite
垫片 Gasket	304L+PTFE	304L+PTFE	316L+PTFE	316L+PTFE	石墨(Graphite)+304
压盖 Gland	ZG1Cr181Ni10	ZG00Cr18Ni10	ZG1Cr18Ni12Mo2Ti	ZG00Cr17Ni14Mo2	WCB
填料压环 Packing gland ring	1Cr18Ni9Ti	00Cr18Ni10	1Cr18Mi12Mo2Ti	00Cr17Ni14Mo2	1Cr13
螺栓 Bolt	1Cr171Ni2	1Cr171Ni2	1Cr171Ni2	1Cr171Ni2	35CrMoA
螺母 Nut	1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti	45

保温夹套闸阀

INSULATED JACKET GATE VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

PN1.6/2.5MPa

DN(mm)	L	L ₁	D	D ₁	D ₂	b	Z-φd	H	D ₀	WT(kg)
BZ41H-16C BZ41W-16P/R/PL/RL										
40	200	70	160	125	100	18	4-φ18	310	200	49
50	250	80	180	145	120	18	4-φ18	358	240	54
65	270	90	195	160	135	20	8-φ18	373	240	81
80	280	100	215	180	155	20	8-φ18	435	280	100
100	300	100	245	210	185	22	8-φ18	500	300	120
125	325	110	280	240	210	24	8-φ23	614	320	210
150	350	120	335	295	265	26	12-φ23	674	360	260
200	400	130	405	355	320	30	12-φ25	818	400	300
250	450	140	460	410	375	30	12-φ25	969	450	400
300	500	160	520	470	435	34	16-φ25	1145	560	490
BZ41H-25 BZ41W-25P/R/PL/RL										
40	200	70	160	125	100	20	4-φ18	358	240	52
50	250	80	180	145	120	22	8-φ18	373	240	56
65	270	90	195	160	135	22	8-φ18	435	280	86
80	280	100	230	190	160	24	8-φ18	500	300	105
100	300	100	270	220	188	28	8-φ15	614	320	170
125	325	110	300	250	218	30	8-φ25	674	360	245
150	350	120	360	310	278	34	12-φ25	818	400	270
200	400	130	425	370	332	36	12-φ30	969	450	380
250	450	140	485	430	390	40	12-φ30	1145	560	535
300	500	160	550	490	448	44	16-φ34	1145	640	546

低温闸阀
CRYOGENIC GATE VALVE

产品用途 Product Usage

低温闸阀适用于甲烷、液态天然气、乙烯、二氧化碳、液氨、液氧、液氮、液氢等低温介质。

Cryogenic gate valve is suitable for methane, liquefied natural gas at low temperature, ethylene, carbon dioxide, ammonia, liquid oxygen, liquid nitrogen, liquid hydrogen and other medium at low temperature.

产品特点 Product Features

- 1、为防止中腔异常升压，在闸板的进口侧设置了泄压孔；
- 2、根据阀门的工作温度确定阀盖的顶部长度，确保阀杆填料的可靠密封；
- 3、根据工作温度合理选用填料，垫片等零件的材料；
- 4、严格控制材料的化学成份及低温冲击韧性等力学性能指标；
- 5、采用多种配管法兰标准及密封面型式，适用于各种工程需要。

1. To prevent abnormal midplane booster, set up a pressure relief hole on the inlet side of the gate;
2. According to the working temperature of the valve cover at the top of the length, ensure stem packing reliable seal;
3. According to the working temperature reasonable choice packing, gaskets and other parts of the materials;
4. Strictly control the material chemical composition and mechanical properties such as low temperature impact toughness index;
5. Use a variety of piping flange standards and sealing surface type, suitable for all kinds of engineering needs.

执行标准 Execution Standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to face	连接法兰 Flange end	试验与检验 Test & check	压力-温度 Pressure-temp
	JB/T7749	GB/T12221	JB/T79.1 HG/T20592 GB/T9113	JB/T9092 GB/T13927	GB/T12224

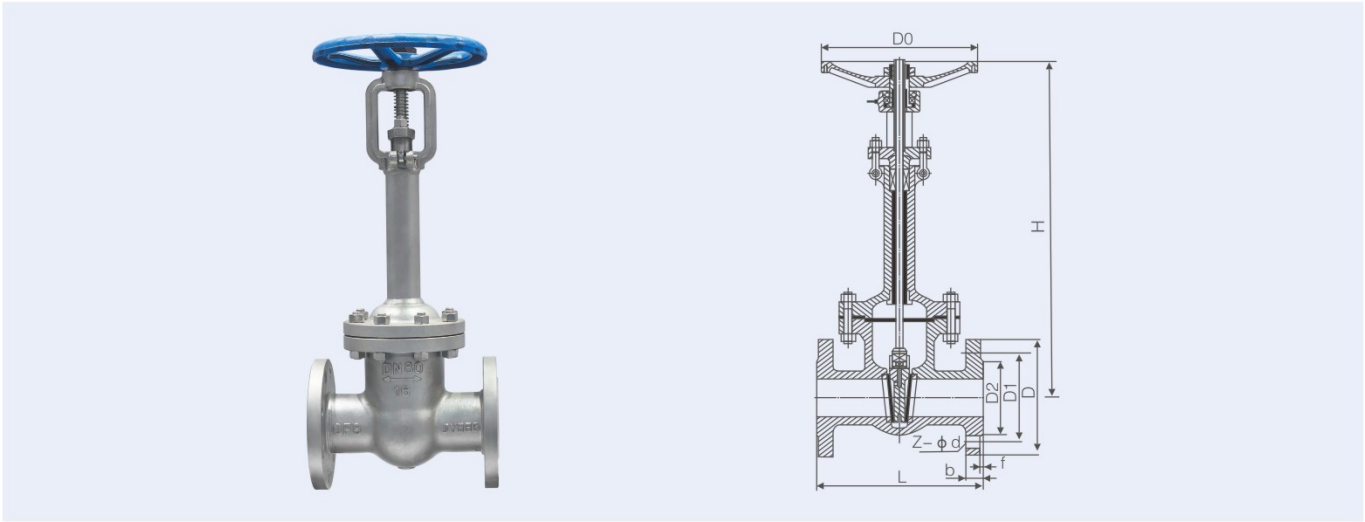
主要性能规范 Main Performance Specifications

公称压力PN(MPa) Nominal pressure	强度试验(MPa) Strength test	水密封试验(MPa) Water seal test	上密封试验(MPa) Back sealing test	气密封试验(MPa) Gas seal test
1.6	2.4	1.8	1.8	0.4-0.7
2.5	3.8	2.8	2.8	
4.0	6.0	4.4	4.4	
6.4	9.6	7.0	7.0	
10.0	15.0	11.0	11.0	

主要零件材料 Main Parts and Materials

零件名称 Part name	材质 Material
阀体/闸板/阀盖/支架 Body, disc, bonnet, stents	LC3、LCB、LCC、1Cr18Ni9Ti
填料 Packing	浸四氟乙烯石棉绳 Leaching tetrafluoroethylene asbestos rope
手轮 Handwheel	QT450-10
阀杆螺母 Stem nut	ZCuA110Fe3
阀杆 Stem	1Cr18Ni9Ti
垫片 Gasket	低温石棉 Low temperature asbestos

低温闸阀
CRYOGENIC GATE VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

DN(mm)	L	D	D ₁	D ₂	b-f	Z-φ d	H	D ₀	WT(kg)
DZ40Y-16P/R/PL/RL									
20	117	105	75	58	18-2	4-14	320	140	6
25	127	115	85	68	18-2	4-14	350	160	7
32	140	140	100	78	18-2	4-18	385	180	9
40	165	150	110	88	18-3	4-18	420	200	15
50	178	165	125	102	18-3	4-18	540	240	30
65	190	185	145	122	18-3	8-18	610	240	34
80	203	200	160	138	20-3	8-18	690	280	45
100	229	220	180	158	20-3	8-18	780	300	64
125	254	250	210	188	22-3	8-18	930	320	110
150	267	285	240	212	22-3	8-22	980	360	135
200	292	340	295	268	24-3	12-22	1180	400	195
250	330	405	355	320	26-3	12-26	1390	450	275
300	356	460	410	378	28-4	12-26	1620	560	380
350	381	520	470	438	30-4	16-26	1810	640	594
400	406	580	525	490	32-4	16-30	1970	640	725
DZ40Y-25P/R/PL/RL									
20	152	105	75	58	18-2	4-14	320	140	6
25	165	115	85	68	18-2	4-14	350	160	8
32	178	140	100	78	18-2	4-18	385	180	10
40	190	150	110	88	18-3	4-18	420	200	16
50	250	165	125	102	20-3	4-18	540	240	30
65	270	185	145	122	22-3	8-18	610	240	35
80	280	200	160	138	24-3	8-18	690	280	47
100	300	235	190	162	24-3	8-22	780	300	65
125	325	270	220	188	26-3	8-26	930	320	110
150	350	300	250	218	28-3	8-26	980	360	135
200	400	360	310	278	30-3	12-26	1180	400	215
250	450	425	370	335	32-3	12-30	1390	450	295
300	500	485	430	395	34-4	16-30	1620	560	400
350	550	555	490	450	38-4	16-33	1810	640	630
400	600	620	550	505	40-4	16-36	1990	640	910

注：本表中法兰尺寸按GB/T 9113-2010标准，结构长度按GB/T 12221-2005标准。
Note: The dimensions of flanges in this table are GB/T 9113-2010 standard, and the Face to Face is GB/T 12221-2005 standard.

低温闸阀

LOW TEMPERATURE GATE VALVE

主要外形连接尺寸 Main Boundary Connection Dimensions

DN(mm)	L	D	D ₁	D ₂	D ₆	b-f	Z-φd	H	D ₀	WT(kg)
DZ40Y-40P/R/PL/RL										
20	152	105	75	58	51	18-2	4-14	330	140	7
25	165	115	85	68	58	18-2	4-14	360	160	9
32	178	140	100	78	66	18-2	4-18	440	180	11
40	190	150	110	88	76	18-3	4-18	455	200	19
50	216	165	125	102	88	20-3	4-18	575	280	28
65	241	185	145	122	110	22-3	8-18	635	280	35
80	283	200	160	138	121	24-3	8-18	715	320	50
100	305	235	190	162	150	24-3	8-22	815	360	74
125	381	270	220	188	176	26-3	8-26	965	400	115
150	403	300	250	218	204	28-3	8-26	1025	400	135
200	419	375	320	285	260	34-3	12-30	1225	450	184
250	457	450	385	345	313	38-3	12-33	1440	560	215
300	502	515	450	410	364	42-4	16-33	1665	640	405
350	572	580	510	465	422	46-4	16-36	1880	640	600
400	610	660	585	535	474	50-4	16-39	2050	720	750
DZ40Y-64P/R/PL/RL										
20	190	130	90	58	51	22-2	4-18	330	100	8
25	210	140	100	68	58	24-2	4-18	360	180	13
32	230	155	110	78	66	26-2	4-22	410	180	24
40	240	170	125	88	76	28-3	4-22	480	200	32
50	250	180	135	102	88	26-3	4-22	585	200	39
65	280	205	160	122	110	26-3	8-22	690	250	45
80	310	215	170	138	121	28-3	8-22	745	300	60
100	350	250	200	162	150	30-3	8-26	885	300	90
125	400	295	240	188	176	34-3	8-30	985	350	140
150	450	345	280	218	204	36-3	8-33	1050	350	205
200	550	415	345	285	260	42-3	12-36	1240	400	330
250	650	470	400	345	313	46-3	12-36	1460	560	468
300	750	530	460	410	364	52-4	16-36	1690	640	600
DZ40Y-100P/R/PL/RL										
25	210	140	100	68	58	24-2	4-18	365	200	18
32	230	155	110	78	66	26-2	4-22	420	240	27
50	250	195	145	102	88	30-3	4-26	630	360	45
65	280	220	170	122	100	34-3	8-26	700	400	60
80	310	230	180	138	121	36-3	8-26	760	400	76
100	350	265	210	162	150	40-3	8-30	900	400	128

注：本表中法兰尺寸按GB/T 9113-2010标准，结构长度按GB/T 12221-2005标准。
Note: The dimensions of flanges in this table are GB/T 9113-2010 standard, and the Face to Face is GB/T 12221-2005 standard.

丝扣闸阀

THREADED GATE VALVE

美标内螺纹闸阀
API Internal Thread Gate Valve

主要零件材料 Main Part Materials

零件名称 Part Name	材质 Material
阀体 Body	CF8/CF8M
闸板 Plate	CF8/CF8M
阀杆 Stem	316
密封垫 Gasket	PTFE
弹性挡圈 Baffle washer	304
挡圈 Washer	304
阀盖 Bonnet	CF8/CF8M
填料 Packing	PTFE
压盖 Gland	CF8/CF8M
螺母 Nut	304
手轮 Handwheel	Alumnum alloy
铭牌 Name plate	Aalumnum alloy
螺母 Nut	304

主要外形连接尺寸 Main Boundary Connection Dimensions
Z15W-200Lb

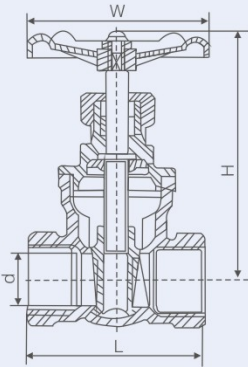
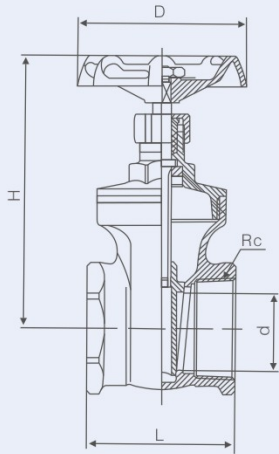
NPS(in)	d	L	H	D
1/2"	15	56.5	94	70
3/4"	20	60	105	70
1"	25	68	114	80
1-1/4"	32	75.5	124	80
1-1/2"	40	80	152.5	100
2"	50	90.5	169.5	100

国标不锈钢内螺纹暗杆式闸阀
GB Internal Threaded Rod Gate Valve

主要外形连接尺寸 Main Boundary Connection Dimensions
Z15W-16P

DN(mm)	NPS(in)	L	d	H	W
15	1/2"	55	15	92	70
20	3/4"	60	20	99	70
25	1"	66	25	113	80
32	1-1/4"	76	32	128	80
40	1-1/2"	86	40	147	90
50	2"	96	50	168	100

注：本表中结构长度按GB/T 12221标准。
Note: The Face to Face in this table is in accordance with GB/T 12221 standard.



截止阀系列

GLOBE VALVE
SERIES

Leading the
Global Valve Industry.

国标截止阀

GB GLOBE VALVE

产品用途 Product Usage

国标截止阀适用于公称压力PN1.6~16.0MPa，工作温度-46~550℃的石油、化工、制药、化肥、电力行业等各种工况的管路上，切断或接通管路介质。

GB Globe valve are used to cut or connect the pipe media under pressures between PN1.6~16.0MPa,working temperatures between-46~550℃,in oil industry,chemical industry,pharmaceuticals,fertilizer,and power industry.

产品特点 Product Features

- 1、产品结构合理、密封可靠、性能优良、造型美观；

2、密封面堆焊Co基硬质合金，耐磨、耐蚀、抗擦伤性能好，使用寿命长；

3、阀杆经调质及表面氮化处理，有良好的抗腐性及抗擦伤性；

4、阀门设有倒密封结构，密封可靠；

5、零件材质及法兰尺寸可根据实际工况或用户要求合理选配，满足各种工程需要。
- 1.Rational structure,reliable sealing,excellent performance,pretty appearance;

2.Co- radix alloy welded sealing surface,anti-wearing,erosion-proof abrasion-proof and longer use life;

3.The surface and the adjusting media of the valve shaft are nitrogenized so that it is erosion and abrasion resistant;

4.There is backward sealing structrue in the valve,so the sealing is reliable;

5.The material of the fillings and the flange sizes can be chose and matched according to the applications and the requirements of the users.That can satisfies all kinds of working requirements.

执行标准 Execution Standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to Face	连接法兰 Flange end	试验与检验 Test & check	压力-温度 Pressure-temp
	GB/T 12235	GB/T 12221	JB/T 79、GB/T9113 HG/T20592	GB/T26480 GB/T13927	GB/T12224

主要性能规范 Main Performance Specifications

1、试验压力 Test pressure

公称压力PN(MPa) Nominal pressure	1.6	2.5	4.0	6.4	10.0	16.0
壳体强度试验 Shell strength test	2.4	3.8	6.0	9.6	15	24
上密封试验 Bacd seat test	1.8	2.8	4.4	7.0	11	18
密封试验 Seat test	1.8	2.8	4.4	7.0	11	18

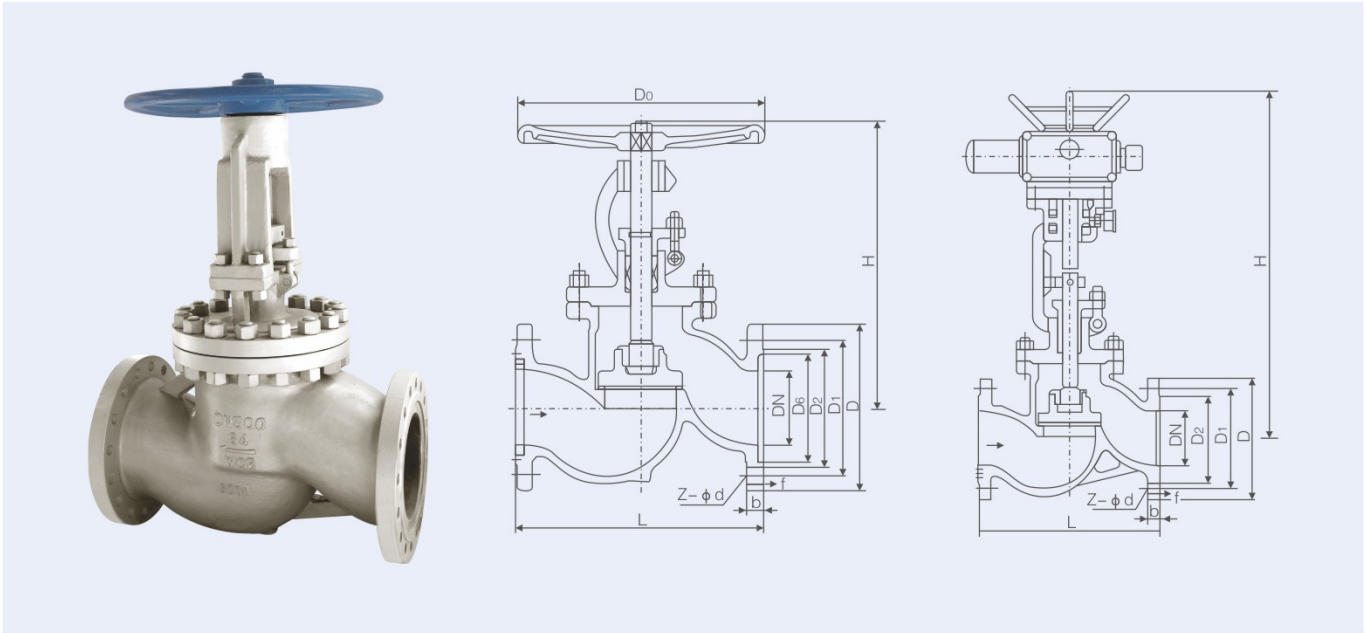
2、适用介质及适用温度 Applicable medium&Applicable temperature

产品类型 Product type	适用介质 Applicable medium	适用温度℃ Applicable temperature
J41H-C型(Type) J941H-C型(Type)	水、油品、汽 Water,oil,steam	≤425
J41W-P型(Type) J941W-P型(Type)	硝酸类 Nitric acid	≤200
J41W-R型(Type)	醋酸类 Acetic acid	≤200
J41Y-I型(Type) J941Y-I型(Type)	水、油品、汽 Water,oil,steam	≤550

主要零件材料 Main Parts and Materials

产品类型 Product type	零件名称 Part name							
	阀体/阀盖 Body,bonnet	阀杆 Stem	阀瓣 Disc	密封面 Sealing face	阀杆螺母 Stem nut	填料 Packing	紧固件 Fastener	手轮 Hand wheel
J41H-C 型(Type) J941H-C 型(Type)	WCB	铬不锈钢 Cr.Stainless steel	20Cr13 25	H:不锈钢 Y:钴基硬 质合金钢 H: Stainless steel Y:Co-based carbide alloy steel	铜合金 Copper alloy	NBR/FPM 柔性石墨 Flexibie graphite	优质碳钢 High-grade carbon steel	可锻铸铁 Malleable cast iron
J41W-P 型(Type) J941W-P 型(Type)	铬镍钢 Cr,Ni,steel	铬镍钢 Cr,Ni,steel	铬镍钢 Cr,Ni,Ti steel	铬镍钢 Cr,Ni,steel	铜合金 Copper alloy	NBR/FPM 柔性石墨 Flexibie graphite	不锈钢 Stainless steel	可锻铸铁 Malleable cast iron
J41W-R 型(Type)	铬镍钼钢 Cr,Ni,Mo, steel	铬镍钼钢 Cr,Ni,Mo, steel	铬镍钼钢 Cr,Ni,Mo, steel	铬镍钼钢 Cr,Ni,Mo, steel	铜合金 Copper alloy	NBR/FPM 柔性石墨 Flexibie graphite	不锈钢 Stainless steel	可锻铸铁 Malleable cast iron
J41Y-I 型(Type) J941Y-I 型(Type)	铬钼钢 Cr,Mo, steel	铬钼钢 Cr,Mo, steel	合金钢 Alloy steel	钴基硬质合金钢 Co-based carbide alloy steel	铜合金 Copper alloy	NBR/FPM 柔性石墨 Flexibie graphite	合金钢 Alloy steel	可锻铸铁 Malleable cast iron

国标截止阀
GB GLOBE VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions PN1.6MPa

DN(mm)	L	D	D ₁	D ₂	b	f	Z-φd	H	D ₀	WT (kg)
10	130	90	60	40	14	2	4-φ14	198	120	4.7
15	130	95	65	45	14	2	4-φ14	218	120	5.2
20	150	105	75	55	14	2	4-φ14	258	140	7.1
25	160	115	85	65	14	2	4-φ14	275	160	7.4
32	180	135	100	78	16	2	4-φ18	280	180	8.5
40	200	145	110	85	16	3	4-φ18	330	200	12.5
50	230	160	125	100	16	3	4-φ18	350	240	20
65	290	180	145	120	18	3	4-φ18	355	280	25
80	310	195	160	135	20	3	8-φ18	400	280	35
100	350	215	180	155	20	3	8-φ18	415	320	50
125	400	245	210	185	22	3	8-φ18	460	360	75
150	480	280	240	210	24	3	8-φ23	510	400	100
200	600	335	295	265	26	3	12-φ23	710	400	210
250	650	405	355	320	30	3	12-φ25	789	450	446
300	750	460	410	375	30	4	12-φ25	925	500	648

注：本表中法兰尺寸按JB/T 79标准，结构长度按GB/T 12221标准。
Note: The dimensions of flanges in this table are JB/T 79 standard, and the Face to Face is GB/T 12221 standard.

国标截止阀
GB GLOBE VALVE

主要外形连接尺寸 Main Boundary Connection Dimensions PN2.5MPa

DN(mm)	L	D	D ₁	D ₂	b	f	Z-φd	H手 (Hand)	H电 (Electricity)	D ₀	电动装置 Electric device	WT (kg)	
												手动 Manual	电动 Electric
10	130	90	60	40	16	2	4-φ14	198	—	120	—	4.9	—
15	130	95	65	45	16	2	4-φ14	218	—	120	—	5.4	—
20	150	105	75	55	16	2	4-φ14	258	—	140	—	7	—
25	160	115	85	65	16	2	4-φ14	275	—	160	—	7.4	—
32	180	135	100	78	18	2	4-φ18	280	—	180	—	8.5	—
40	200	145	110	85	18	3	4-φ18	330	—	200	—	12.5	—
50	230	160	125	100	20	3	4-φ18	350	645	240	DZW101	16	50
65	290	180	145	120	22	3	8-φ18	400	690	280	DZW101	25	62
80	310	195	160	135	22	3	8-φ18	355	715	280	DZW151	30	67
100	350	230	190	160	24	3	8-φ23	415	770	320	DZW20	34.5	73
125	400	270	220	188	28	3	8-φ25	460	780	360	DZW30	89	127
150	480	300	250	218	30	3	8-φ25	510	875	400	DZW45	98	215
200	600	360	310	278	34	3	12-φ25	710	967	400	DZW60	180	322
250	730	425	370	332	36	3	12-φ30	789	—	450	—	446	—
300	850	485	430	390	40	4	16-φ30	925	—	500	—	654	—

主要外形连接尺寸 Main Boundary Connection Dimensions PN4.0MPa

DN(mm)	L	D	D ₁	D ₂	b	f	f ₂	Z-φd	H手 (Hand)	H电 (Electricity)	D ₀	电动装置 Electric device	WT (kg)	
													手动 Manual	电动 Electric
10	130	90	60	40	16	2	4	4-φ14	198	—	120	—	4.9	—
15	130	95	65	45	16	2	4	4-φ14	238	—	120	—	5.4	—
20	150	105	75	55	16	2	4	4-φ14	275	—	140	—	7	—
25	160	115	85	65	16	2	4	4-φ14	285	—	160	—	8.8	—
32	180	135	100	78	18	2	4	4-φ18	302	—	180	—	11.8	—
40	200	145	110	85	18	3	4	4-φ18	355	—	200	—	16.5	—
50	230	160	125	100	20	3	4	4-φ18	370	645	240	DZW101	24	61
65	290	180	145	120	22	3	4	8-φ18	408	690	280	DZW101	33	75
80	310	195	160	135	22	3	4	8-φ18	436	715	320	DZW201	44	84
100	350	230	190	160	24	3	4.5	8-φ23	480	770	360	DZW301	60	101
125	400	270	220	188	28	3	4.5	8-φ25	558	782	400	DZW45	89	207
150	480	300	250	218	30	3	4.5	8-φ25	611	875	400	DZW60	98	226
200	600	375	320	282	38	3	4.5	12-φ30	720	1160	400	DZW901	190	339

注：本表中法兰尺寸按JB/T 79标准，结构长度按GB/T 12221标准。
Note: The dimensions of flanges in this table are JB/T 79 standard, and the Face to Face is GB/T 12221 standard.

国标截止阀

GB GLOBE VALVE

主要外形连接尺寸 Main Boundary Connection Dimensions

PN6.4MPa

DN(mm)	L	D	D ₁	D ₂	b	f	f ₂	Z-φd	H手 (Hand)	H电 (Electricity)	D ₀	电动装置 Electric device	WT (kg)	
													手动 Manual	电动 Electric
10	170	100	70	40	18	2	4	4-φ14	198	-	120	-	5.7	-
15	170	105	75	55	18	2	4	4-φ14	195	-	140	-	10	-
20	190	125	90	68	20	2	4	4-φ18	228	-	160	-	13	-
25	210	135	100	78	22	2	4	4-φ18	275	-	180	-	14.5	-
32	230	150	110	82	24	2	4	4-φ23	325	-	200	-	19	-
40	260	165	125	95	24	3	4	4-φ23	360	-	240	-	25	-
50	300	175	135	105	26	3	4	4-φ23	410	710	280	DZW10	35	64
65	340	200	160	130	28	3	4	8-φ23	450	750	320	DZW15	48	77
80	380	210	170	140	30	3	4	8-φ23	485	785	360	DZW30	56	88
100	430	250	200	168	32	3	4	8-φ25	537	837	400	DZW45	125	171
125	500	295	240	202	36	3	4	8-φ30	631	-	400	-	131	-
150	550	340	280	240	38	3	4	8-φ34	646	-	450	-	157	-

主要外形连接尺寸 Main Boundary Connection Dimensions

PN10.0MPa

DN(mm)	L	D	D ₁	D ₂	b	f	f ₂	Z-φd	H手 (Hand)	H电 (Electricity)	D ₀	电动装置 Electric device	WT (kg)	
													手动 Manual	电动 Electric
10	170	100	70	40	20	2	4	4-φ14	198	-	120	-	6	-
15	170	105	75	55	20	2	4	4-φ14	202	-	140	-	11	-
20	190	125	90	68	22	2	4	4-φ18	228	-	160	-	13.2	-
25	210	135	100	78	24	2	4	4-φ18	250	-	180	-	14	-
32	230	150	110	82	24	2	4	4-φ23	326	-	220	-	15	-
40	260	165	125	95	26	3	4	4-φ23	359	-	240	-	29	-
50	300	195	145	112	28	3	4	4-φ25	414	710	280	DZW10	49	82
65	340	220	170	138	32	3	4	8-φ25	434	750	320	DZW15	65	104
80	380	230	180	148	34	3	4	8-φ25	547	785	400	DZW30	95	138
100	430	265	210	172	38	3	4.5	8-φ30	621	837	450	DZW45	115	243
125	500	315	250	210	42	3	4.5	8-φ34	732	-	450	-	149	-
150	550	350	290	250	46	3	4.5	12-φ34	840	-	500	-	310	-

主要外形连接尺寸 Main Boundary Connection Dimensions

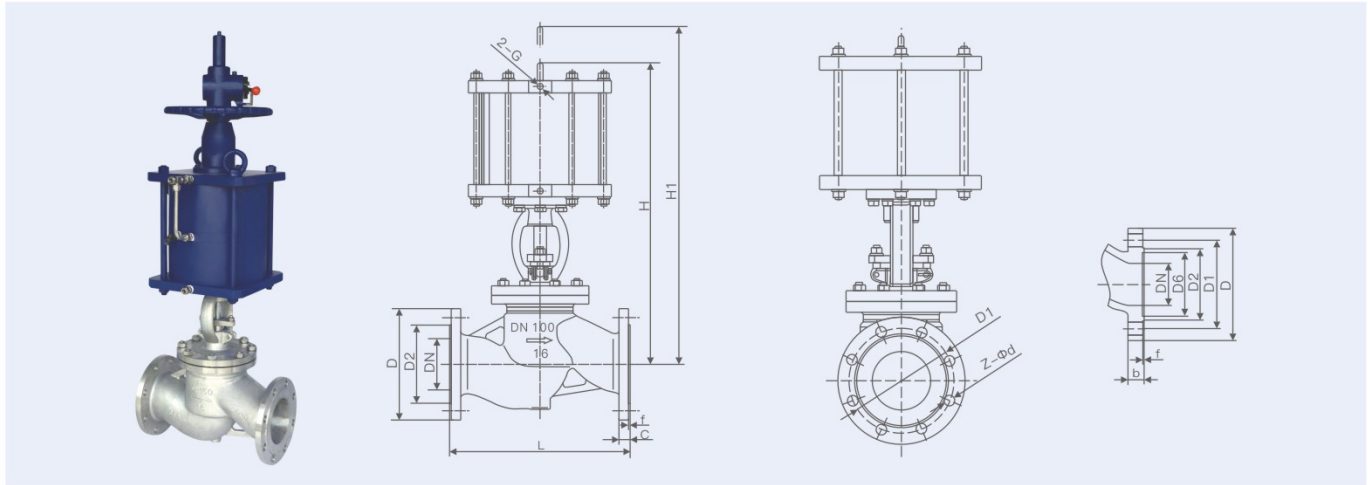
PN16.0MPa

DN(mm)	L	D	D ₁	D ₂	b	f	f ₂	Z-φd	H手 (Hand)	H电 (Electricity)	D ₀	电动装置 Electric device	WT (kg)	
													手动 Manual	电动 Electric
15	170	110	75	55	24	2	4	4-φ18	148	-	140	-	12.2	-
20	190	130	90	62	26	2	4	4-φ23	156	-	160	-	15	-
25	210	140	100	72	28	2	4	4-φ23	125	-	180	-	17	-
32	230	165	115	85	30	2	4	4-φ25	200	-	200	-	21.4	-
40	260	175	125	92	32	3	4	4-φ27	231	-	240	-	32	-
50	300	215	165	132	36	3	4	4-φ25	262	-	250	-	52	-
65	340	245	190	152	44	3	4	8-φ30	303	-	320	-	69	-
80	380	260	205	168	46	3	4	8-φ30	341	-	400	-	98	-
100	430	300	240	200	48	3	4.5	8-φ34	485	-	450	-	119	-

注：本表中法兰尺寸按JB/T 79标准，结构长度按GB/T 12221标准。
Note: The dimensions of flanges in this table are JB/T 79 standard, and the Face to Face is GB/T 12221 standard.

气动法兰截止阀

PNEUMATIC FLANGE GLOBE VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

PN1.6MPa

公称通径 DN(mm)	L	D	D ₁	D ₂	b	f	Z-φd	H	D ₀
15	130	95	65	45	14	2	4-14	291	120
20	150	105	75	55	14	2	4-14	300	140
25	160	115	85	65	14	2	4-14	353	160
32	180	135	100	78	15	2	4-18	390	180
40	200	145	110	85	16	2	4-18	518	200
50	230	160	125	100	16	3	4-18	555	240
65	290	180	145	120	18	3	4-18	630	280
80	310	195	160	135	20	3	8-18	683	280
100	350	215	180	155	20	3	8-18	745	320
125	400	245	210	185	22	3	8-18	855	360
150	480	280	240	210	24	3	8-23	870	400
200	600	335	295	205	26	3	12-23	954	400
250	650	405	355	320	30	3	12-23	1065	450
300	750	460	410	375	30	3	12-23	1185	500

主要外形连接尺寸 Main Boundary Connection Dimensions

PN2.5MPa

公称通径 DN(mm)	L	D	D ₁	D ₂	b	Z-φd	f	H	D ₀
15	130	95	65	45	16	2	4-14	291	120
20	150	105	75	55	16	2	4-14	300	140
25	160	115	85	65	16	2	4-14	353	160
32	180	135	100	78	18	2	4-18	390	180
40	200	145	110	85	18	3	4-18	518	200
50	230	160	125	100	20	3	4-18	555	240
65	290	180	145	120	22	3	8-18	630	280
80	310	195	160	135	22	3	8-18	683	280
100	350	230	190	160	24	3	8-23	745	320
125	400	270	220	188	28	3	8-25	855	360
150	480	300	250	218	30	3	8-25	870	400
200	600	360	310	278	34	3	12-25	954	400
250	650	425	370	332	36	3	12-30	1065	450
300	750	485	430	390	40	4	12-30	1185	500

注：本表中法兰尺寸按GB/T 9113、EN1092-1标准，结构长度按GB/T 12221标准。
Note: The dimensions of flanges in this table are GB/T 9113 and EN 1092-1 standard, and the Face to Face is GB/T 12221 standard.

美标铸钢截止阀
API CAST STEEL GLOBE VALVE

产品用途 Product Usage

美标铸钢截止阀适用于Class150~2500，工作温度≤600℃的石油、化工、火力电站等各种工况的管路上，切断或接通管路介质。
API Cast steel globe valve is suitable for Class150~2500, the working temperature of ≤ 600℃ oil, chemical, thermal power plant under various working conditions such as the pipeline, cut off or connect pipe medium.

产品特点 Product Features

- 1、产品设计制造按ASME B16.34及BS 1873标准，结构合理、密封可靠、性能优良、造型美观；

2、密封面堆焊Co基硬质合金，耐磨、耐蚀、抗擦伤性能好、使用寿命长；

3、阀杆经调质及表面氮化处理，有良好的抗腐蚀性；

4、压力≥Class1500中控采用自紧式密封结构，密封性随内压升高而升高，保证了密封的可靠；

5、阀门设有倒密封结构，密封可靠；

6、零件材质及法兰对焊端尺寸可根据实际工况或用户要求合理选配，满足各种工程需要。
1. Designed by ASME B16.34 & BS1873, reasonable structure, tight sealing, excellent performance and beautiful shape.

2. Hard faced metal seat, anti-wearing, anti-erosion and long service life.

3. Nitrogen treatment stem, with better erosion and waring resistance.

4. For ≥ Class 1500, Cavity adopt self-tighting sealing structure,tightness rise when pressure rise, ensure sealing reliability.

5. Back seal sealing struture, tightly sealed.

6. Materials and size customizable, according to different aplication.

执行标准 Execution Standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to Face	连接法兰 Flange end	试验与检验 Test & check	压力-温度 Pressure-temp
	API 623	ASME B16.10	ASME B16.5	API 598	ASME B16.34

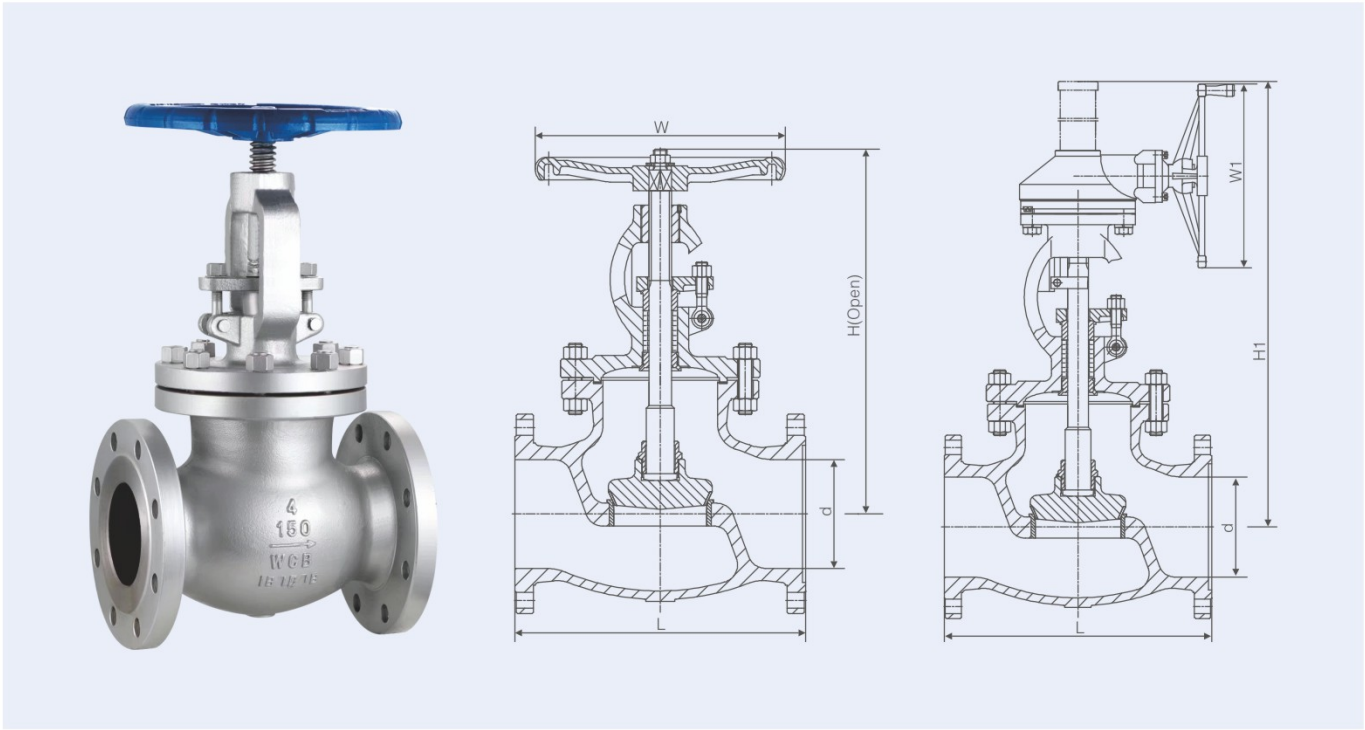
主要性能规范 Main Performance Specifications

公称压力(Lb) Nominal Pressore	强度试验 Strength test		水密封试验 Water seal test		气密封试验 Air seal test	
	MPa	Lbf/in ²	MPa	Lbf/in ²	MPa	Lbf/in ²
150	3.1	450	2.2	315	0.5~0.7	60~100
300	7.8	1125	5.6	815		
600	15.3	2225	11.2	1630		
900	23.1	3350	16.8	2440		
1500	38.4	5575	28.1	4080		
2500	64.6	9367	47.4	6873		

主要零件材料 Main Parts and Materials

阀体/阀盖/阀瓣 Body, bonnet, disc	阀杆 Stem	密封面 Sealing face	垫片(环) Gasket	填料 Packing	工作温度(℃) Working temperature	适用介质 Suitable medium
WCB	20Cr13	13Cr STL 本体材料 With bodymater rial PTFE 尼龙 Nylon	增强柔性石墨 13Cr/柔性石墨 Enhanced Flexible 1Cr13/Flexible graphite SFB-2 08软钢 08Soft steel F304 F316 F304L F316L	柔性石墨 增强柔性石墨 Flesible graphite enhanced flexible graphite SFB/260 SFP/260 PTFE	≤425	水、蒸汽、油品 Water、Steam、 Oil
WC1	38CrMoAl 25Cr2Mov				≤450	
WC6					≤540	
WC9					≤570	
C5 C12					≤540	
CF8	F304				≤600	硝酸、醋酸、尿素 Nitric acid, acetic acid, urea
CF3	F316					
CF8M	F304L					
CF3M	F316L					

美标铸钢截止阀
API CAST STEEL GLOBE VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

Class150Lb

NPS (in)	DN (mm)	L			d	H	H ₁	W	W ₁	WT (kg)	
		RF	RTJ	BW						手轮 Handwheel	传动装置 Gear box
1/2	15	108	—	108	13	182	—	100	—	3	—
3/4	20	117	—	117	19	193	—	100	—	4	—
1	25	127	140	127	25	217	—	100	—	5	—
1 1/4	32	140	153	140	32	235	—	135	—	8	—
1 1/2	40	165	178	165	38	258	—	135	—	9	—
2	50	203	216	203	49	330	—	200	—	19	—
2 1/2	65	216	229	216	62	360	—	250	—	27	—
3	80	241	254	241	74	390	—	280	—	36	—
4	100	292	305	292	100	445	—	300	—	53	—
5	125	356	369	356	127	480	—	350	—	75	—
6	150	406	419	406	150	520	556	350	310	94	126
8	200	495	508	495	201	600	658	400	310	148	180
10	250	622	635	622	252	773	805	450	460	242	291
12	300	698	711	698	303	880	955	500	460	438	480

注：本表中法兰尺寸按ASME B16.5标准，结构长度按ASME B16.10标准。
Note: The dimensions of flanges in this table are ASME B16.5 standard, and the Face to Face is ASME B16.10 standard.

美标铸钢截止阀
API CAST STEEL GLOBE VALVE

主要外形连接尺寸 Main Boundary Connection Dimensions

Class300Lb

NPS (in)	DN (mm)	L			d	H	H1	W	W1	WT (kg)	
		RF	RTJ	BW						手轮 Hand wheel	传动装置 Gear box
1/2	15	152	163	152	13	185	—	100	—	5	—
3/4	20	178	191	178	19	195	—	100	—	7	—
1	25	203	216	203	25	220	—	135	—	10	—
1 1/4	32	216	229	216	32	240	—	135	—	14	—
1 1/2	40	229	242	229	38	260	—	160	—	19	—
2	50	267	283	267	49	385	—	200	—	25	—
2 1/2	65	292	308	292	62	420	—	200	—	42	—
3	80	318	334	318	74	440	—	280	—	46	—
4	100	356	372	356	100	515	—	350	—	74	—
5	125	400	416	400	127	580	—	350	—	111	—
6	150	444	460	444	150	660	690	400	310	165	195
8	200	559	575	559	201	900	950	550	460	275	327
10	250	622	638	622	252	950	990	600	460	400	452

主要外形连接尺寸 Main Boundary Connection Dimensions

Class600Lb

NPS (in)	DN (mm)	L			d	H	H1	W	W1	WT (kg)	
		RF	RTJ	BW						手轮 Hand wheel	传动装置 Gear box
12	300	711	727	711	303	1030	1080	700	460	624	725
2	50	292	295	292	49	360	—	250	—	32	—
2 1/2	65	330	333	330	62	410	—	280	—	42	—
3	80	356	359	356	74	465	—	300	—	63	—
4	100	432	435	432	100	545	575	400	310	107	138
5	125	508	511	508	127	625	660	500	310	185	215
6	150	559	562	559	150	785	820	550	460	290	342
8	200	660	663	660	201	930	960	650	460	540	645

主要外形连接尺寸 Main Boundary Connection Dimensions

Class900Lb

NPS (in)	DN (mm)	L			d	H	H1	W	W1	WT (kg)	
		RF	RTJ	BW						手轮 Hand wheel	传动装置 Gear box
2	50	368	371	368	49	480	—	350	—	55	—
2 1/2	65	419	422	419	62	520	—	350	—	68	—
3	80	381	384	381	74	564	630	400	310	95	128
4	100	457	460	457	100	685	720	450	310	160	210
5	125	559	562	559	121	780	840	550	460	270	325
6	150	610	613	610	150	950	1015	650	460	410	480

注：本表中法兰尺寸按 ASME B16.5标准，结构长度按ASME B16.10标准。
Note: The dimensions of flanges in this table are ASME B16.5 standard, and the Face to Face is ASME B16.10 standard.

锻钢截止阀
FORGED STEEL GLOBE VALVE

产品用途 Product Usage

锻钢截止阀不仅适用于中低压，而且适用于高压，广泛应用于石油、化工、制药、化肥、电力等行业的工况上。作用于截断或接通调节管路介质。

Forged steel globe valve is not only suitable for low pressure, also for high pressure, widely used for petroleum, chemical, pharmaceutical,chemical, fertilizer,power plant etc.. Mainly used in on-off regulating media in pipeline.

产品特点 Product Features

- 1、结构紧凑、造型美观、缩径流道。结构特征：B.B或W.B；
 - 2、密封面采用合金钢或硬质合金，密封副材料配对合理，使用寿命长；
 - 3、阀瓣为圆锥形，阀杆设有倒密封，密封性好。阀杆表面经氮化处理，具有良好的抗腐蚀性、抗摩擦性。填料采用柔性石墨，密封可靠，操作灵活，启闭力矩小；
 - 4、可选用各种配管标准及连接形式（如：承插焊、对焊、螺纹连接）。
1. Compact structure, beautiful modelling, reduced bore. Structural features: B.B or W.B;
2. Uealing surface using alloy steel or hard alloy and seal materials reasonable matching, long service life;
3. For disc, the vlave stem has back sealing. Surface of stem nitrided, with good erosion and scratching resistance. Packing with flexible graphite,with smaller torque.
4. Selective connection standard: Socket weld, butt weld, thread connection.

执行标准 Execution Standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to Face	连接法兰 Flange end	试验与检验 Test & check	压力-温度 Pressure-temp
	JB/T7746	JB/T7746	HG/T20592 JB/T79 GB/T9113	GB/T26480 GB/T13927	GB/T12224 JB/T7746

主要性能规范 Main Performance Specifications

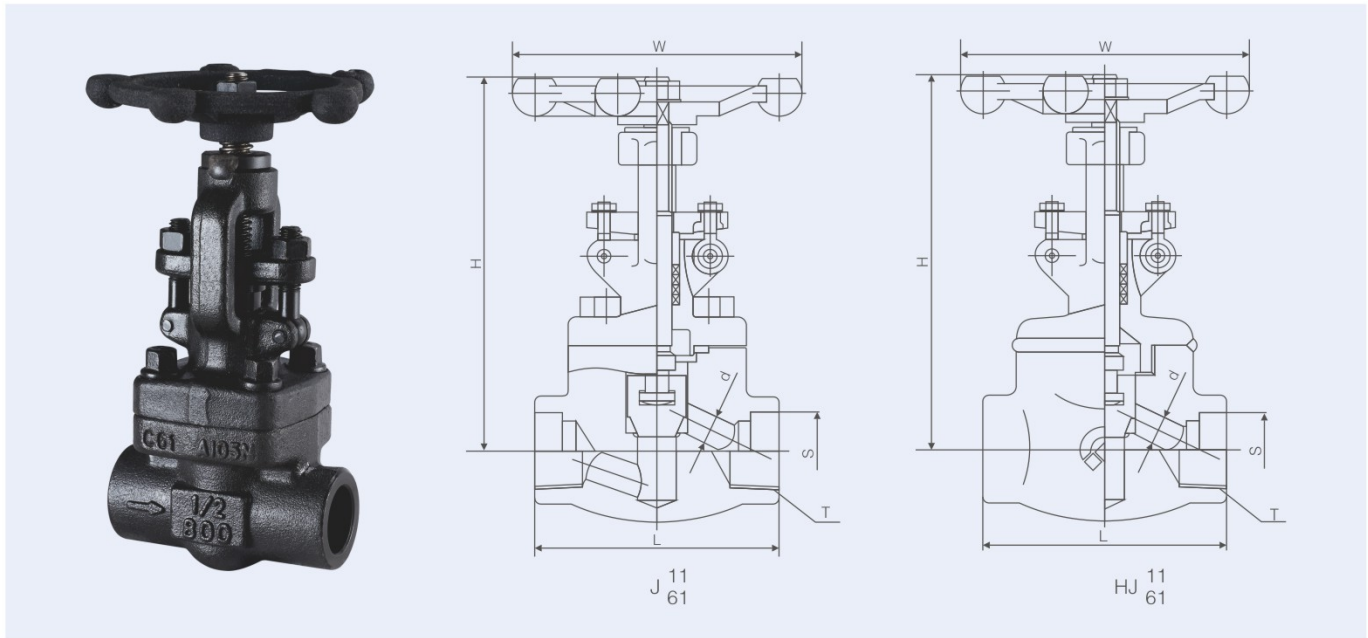
公称压力 Nominal pressure	试验项目 Teat item	强度试验 Strength test	密封试验 Seal test	气密封试验 Air seal test	适用温度℃ Applicable temperature	适用介质 Applicable medium
1.6		2.4	1.76	0.6	≤425℃	水、油品、 蒸汽、硝酸类 Water、oil steam、Nitric acid
2.5		3.8	2.76			
4.0		6.0	4.4			
6.4		9.6	7.04			
10.0		15.0	11.0			
16.0		24.0	17.0			

主要零件材料 Main Parts and Materials

零件名称 Part name	零部件材料 Part material	
阀体/阀盖 Body,bonnet	A105	1Cr18Ni9Ti
阀瓣/阀座 Disc,seat	20Cr13	1Cr18Ni9Ti
阀杆 Stem	20Cr13	1Cr18Ni9Ti
密封圈 Seal ring	1Cr13+HF	1Cr18Ni9Ti+STL
填料 Packing	NBR/FPM 柔性石墨 Flexible graphite	聚四氟乙烯（PTFE）
垫片 Gasket	柔性石墨 Flexible graphite	
螺栓 Bolt	35/35CrMo	1Cr18Ni9Ti

锻钢螺纹/承插焊截止阀

FORGED STEEL THREAD / SOCKET WELDING GLOBE VALVE



应用规范 Application Specification

- 1、设计制造: ASME/ANSI B16.34; API 602; JB/T7746
- 2、连接端尺寸:
 - (1)承插焊端: ASME/ANSI B16.11; JB/T1751
 - (2)螺纹连接端: ASME/ANSI B1.20.1(NPT) GB/T7306-87(RC)
- 3、结构特征: B.B或W.B; OS&Y
- 4、主体材料: A105; LF2; F5; F11; F22; F304; F316; F304L; F316L
- 5、阀门检验和试验: API 598; GB/T26480; GB/T13927

1. Design and manufacturing: ASME/ANSI B16.34; API 602; JB/T7746
2. Connection end dimension:
 - (1)Socket weld end: ASME/ANSI B16.11; JB/T1751
 - (2)Threaded connections end: ASME/ANSI B1.20.1(NPT) GB/T7306-87(RC)
3. Structure characteristic: B.B or W.B; OS&Y
4. Main body material: A105; LF2; F5; F11; F22; F304; F316; F304L; F316L
5. Valve inspection and testing: API 598; GB/T26480; GB/T13927

主要外形连接尺寸 Main Boundary Connection Dimensions

PN 1.6~14.0 MPa; Class150~800Lb

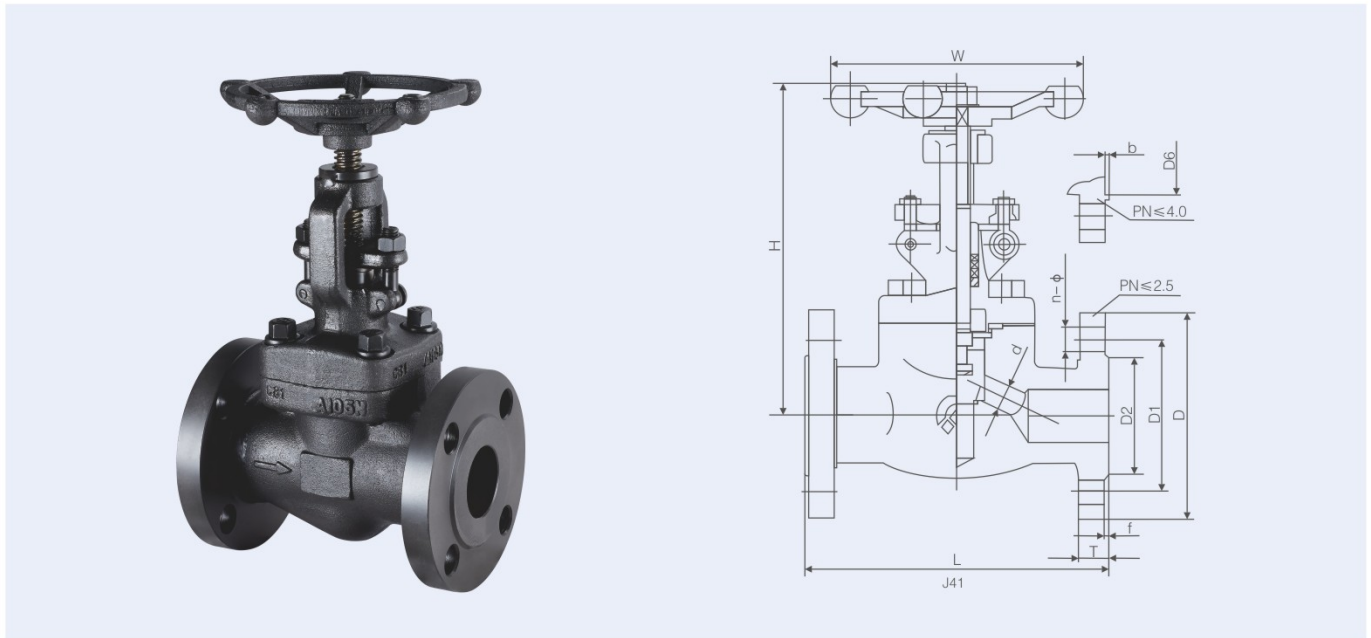
DN(mm)	R.P	8	10	15	20	25	32	40	50	—
NPS(in)	R.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	—
DN(mm)	F.P	—	8	10	15	20	25	32	40	50
NPS(in)	F.P	—	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
d	R.P	7	10	10	13	18	24	29	36.5	—
d	F.P	—	7	10	13	18	24	29	36.5	46.5
L	R.P	79	79	79	92	111	120	152	172	—
L	F.P	—	79	79	92	111	120	152	172	200
H(开启) H(Open)	R.P	153	153	158	163	193	250	250	291	—
H(开启) H(Open)	F.P	—	153	158	163	193	250	250	291	350
W	R.P	100	100	100	100	125	160	160	180	—
W	F.P	—	100	100	100	125	160	160	180	240
WT(kg)	R.P	1.9	1.8	1.7	2.1	3.3	7.5	7.5	11.4	—
WT(kg)	F.P	—	2.1	1.9	2.3	3.6	7.8	8.2	12.0	15.0

说明: 1、体盖焊按结构(W.B)截止阀, 在阀门类型代号“J”前加“H”表示, 例如: HJ61H-800; 中法兰螺栓结构(B.B)代号“略”, 例如: J61H-800。
2、规格代号前加“F”表示全径, 如F25, 缩径代号“略”。

Description: 1. Body cover welding according to the structure (WB) globe valve, before the valve type code “J” add “H”, for example: HJ61H-800; medium flange bolt structure (BB) code “omit”, for example: J61H-800.
2. Before the specification code, add “F” to indicate the full diameter, such as F25, and the diameter reduction code is “omit”.

国标锻钢法兰截止阀

FORGED STEEL FLANGE GLOBE VALVE



应用规范 Application Specification

- 1、设计制造: GB/T12224; JB/T7746; API 602
- 2、结构长度: JB/T96; GB/T12221
- 3、法兰端尺寸: JB/T82.1 ~ 82.4; ASME B16.5
- 4、结构特征: B.B或W.B; OS&Y
- 5、主体材料: A105; LF2; F5; F11; F22; F304; F304L; F316L
- 6、阀门检验和试验: GB/T13927; GB/T26480

1. Design and manufacturing: GB/T12224; JB/T7746; API602
2. Face to face: JB/T96; GB/T12221
3. Flange end dimension: JB/T82.1 ~ 82.4; ASME B16.5
4. Structure characteristic: B.B or W.B; OS&Y
6. Main body material: A105; LF2; F5; F11; F22; F304; F316; F304L; F316L
5. Valve inspection and testing: GB/T13927; GB/T26480

主要外形连接尺寸 Main Boundary Connection Dimensions

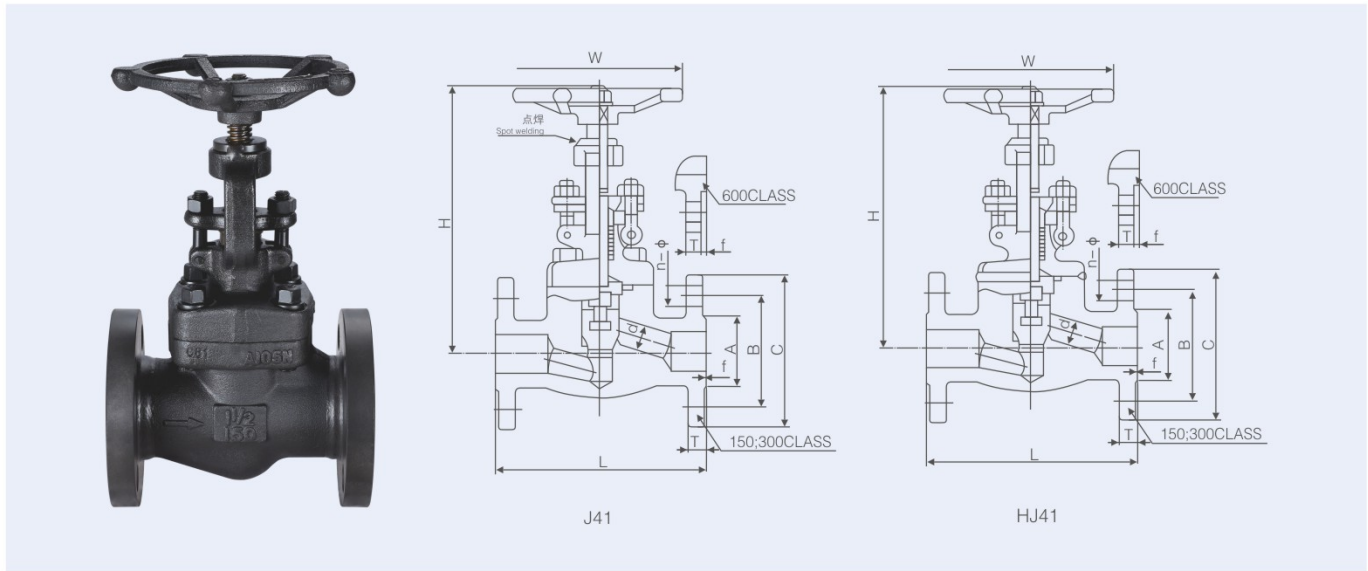
PN 1.6~10.0 MPa

公称压力(PN) Nominal pressure	DN(mm)	15	20	25	32	40	50	65
1.6	d(缩径) (Reducing)	10	13	19.1	24	31.8	38.1	48.5
2.5								
4.0								
6.4								
10.0	L	130	150	160	180	200	230	290
1.6								
2.5								
4.0								
6.4	H(开启) H(Open)	158	163	193	250	250	291	350
10.0								
1.6								
2.5								
4.0	W	100	100	125	160	160	180	240
6.4								
10.0								
1.6	WT(kg)	3.8	4.5	5.6	6.3	9.1	13.7	24.5
2.5								
4.0								
6.4								
10.0								
1.6								
2.5	WT(kg)	4.0	4.7	5.8	6.5	10.7	15.3	26.2
4.0								
6.4								
10.0								
1.6								
2.5								
4.0	WT(kg)	4.3	5.0	6.3	7.0	12.3	18.8	27.7
6.4								
10.0								
1.6								
2.5								
4.0								
6.4	WT(kg)	4.8	5.6	8.0	9.4	13.7	23.7	32.0
10.0								
1.6								
2.5								
4.0								
6.4								
10.0								

注: 公称压力PN6.4MPa, 环密封法兰(RJ)按JB77规定。
Notice: Nominal pressure PN6.4 MPa, ring sealing flange (RJ) as stipulated in the JB77.

美标锻钢截止阀

API FORGED STEEL GLOBE VALVE



应用规范 Application Criterion

- 1、设计制造：ASME/ANSI B16.34； API 602
- 2、结构长度：ANSME/ANSI B16.10
- 3、法兰端尺寸：ASME/ANSI B16.5
- 4、结构特征：B.B或W.B； OS&Y–缩径(R.P)
- 5、主体材料：A105; LF2; F5; F11; F22; F304;F316; F304L; F316L等
- 6、阀门检验和试验：API 598

- 1.Design and manufacturing： ASME/ANSI B16.34; API 602
2. Face to face： ANSME/ANSI B16.10
3. Flange end dimensions： ASME/ANSI B16.5
4. Structure characteristic： B.B or W.B; OS&Y – reducing (R.P)
5. Main body material： A105;LF2;F5;F11;F22;F304;F316;F304L;F316L
6. Valve inspection and testing： API 598

主要外形连接尺寸 Main Boundary Connection Dimensions

Class150~600Lb

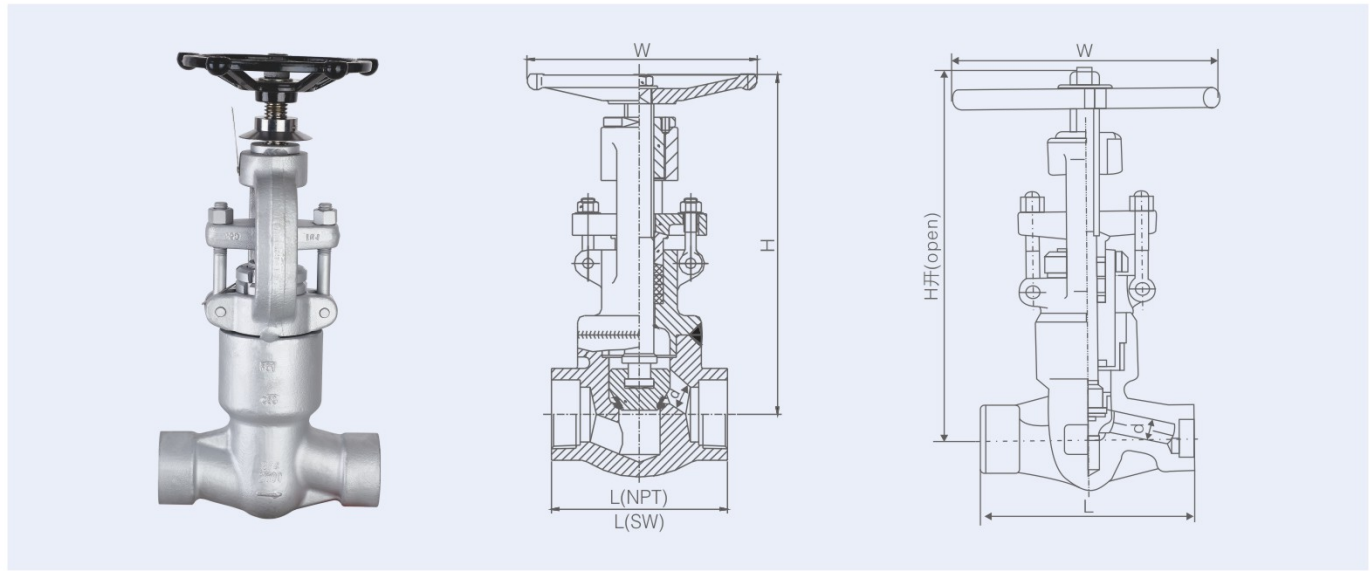
压力级 Class	NPS(in)	1/2	3/4	1	2 1/4	1 1/2	2	1 1/2
150	d(缩径) (Reducing)	10	13	19.1	24	31.8	31.8	48.5
300								
600								
150	L	108	117	127	140	165	203	216
300		152	178	216	229	241	267	292
600		165	190	216	229	241	292	330
150	H(开启) H(Open)	158	163	193	250	250	291	350
300								
600								
150	W	100	100	125	160	160	180	240
300								
600								
150	WT(kg)	4.5	6.9	9.8	13.5	19.5	28.0	35.4
300		4.8	7.7	11.0	16.8	21.2	32.6	38.0
600		5.6	7.8	12.5	17.0	23.5	38.8	42.6

说明：压力级CLASS≤600，一般法兰密封形式为“RF”型，如果是其它“RJ”（环密封）或LF（大凹面）均需注明。“RJ”法兰连接结构长度“L”等于“RF”连接结构长度加“X”值。

Description: Pressure level CLASS 600 or less, general flange seal form as the "RF" type, if it is other "RJ" (sealing ring) or LF (concave) must be marked. "RJ" length "L" is equal to the flange connection structure "RF" connection structure length add value "X".

自密封截止阀

SELF SEALING GLOBE VALVE



应用规范 Application Criterion

- 1、设计制造：ASME/ANSI B16.34； API 602;JB/T7746
- 2、结构长度：ASME/ANSI B16.10 JB/T96
- 3、连接端尺寸：
(1)承插焊端：ASME/ANSI B16.11； JB/T1751
(2)螺纹连接端：ASME/ANSI B1.20.1(NPT)； GB/T7306–87–(RC)
- 4、结构特征：B.B； OS&Y–全径(F.P)
- 5、主体材料：A105; LF2; F5; F11; F22; F304; F316; F304L; F316L
- 6、阀门检验和试验：API 598； GB/T13927

1. Design and manufacturing： ASME/ANSI B16.34;API 602;JB/T7746
2. Face to face： ASME/ANSI B16.10 JB/T96
3. Connection end dimension：
(1)Socket weld end； ASME/ANSI B16.11;JB/T1751
(2)Threaded connections end： ASME/ANSI B1.20.1(NPT);GB/T7306–87–(RC)
3. Structure characteristic： B.B;OS&Y – Full bore (F.P)
4. Main body material： A105; LF2; F5; F11; F22; F304; F316;F304L;F316L
5. Valve inspection and testing： API 598;GB/T13927

主要外形连接尺寸 Main Boundary Connection Dimensions

PN 16.0~26.0 MPa;Class900~1500Lb

压力等级 Pressure rating	规格 Size		阀门尺寸 Valve Dimension							
	mm	in	d(全径)		L		H		W	
			BB/WB	PB	BB/WB	PB	BB/WB	PB	BB/WB	PB
CLASS900 PN16.0	8	1/4	7	–	111	–	207	–	100	–
	10	3/8	10	–	111	–	207	–	100	–
	15	1/2	13	13	111	140	207	207	100	125
	20	3/4	18	18	130	140	240	207	125	125
	25	1	24	24	152	140	258	240	160	160
	32	1–1/4	29	29	172	178	290	258	160	160
	40	1–1/2	36.5	36.5	220	178	337	290	180	180
	50	2	46.5	46.5	235	216	354	337	240	240
CLASS1500 PN26.0	8	1/4	7	–	111	–	207	–	100	–
	10	3/8	10	–	111	–	207	–	100	–
	15	1/2	13	13	111	140	207	207	100	125
	20	3/4	18	18	130	140	240	207	125	125
	25	1	24	24	152	140	258	240	160	160
	32	1–1/4	29	29	172	178	290	258	160	160
	40	1–1/2	36.5	36.5	220	178	337	290	180	180
	50	2	46.5	46.5	235	216	354	337	240	240

高温高压截止阀
HIGH TEMPERATURE HIGH PRESSURE GLOBE VALVE

产品用途 Product Usage

高温高压截止阀适用于火电厂、石油化工、冶金和高温高压的水、蒸汽、油品、过热蒸汽等管道上，作用于切断或接通介质。
High temperature and high pressure globe valve is suitable for thermal power plants, petrochemical industry, metallurgical industry and the high temperature and high pressure water, steam, oil, superheated steam pipe, such as applied to cut off or connect medium.

产品特点 Product Features

- 1、阀门中腔采用压力自紧式密封结构，密封性能越好；

2、阀瓣和阀座的密封面采用司太立钴基硬质合金喷焊而成，耐磨、耐高温、耐腐蚀、抗擦伤性能好；

3、阀杆采用整体锻造结构,经调质和表面氮化处理，有良好的抗腐蚀性和抗擦伤性；

4、阀盖填料函深度合理，填料加缓蚀剂,密封可靠。
1. Valve lumen self-tightening seal structure is adopted, and the better sealing performance;

2. The disc and seat sealing surface using department too vertical cobalt-based hard alloy spray welding and become, wear-resisting, high temperature resistant, corrosion resistance, abrasion resistance, can be good;

3. The stem is made of the overall structure of forging, after quenched and tempered and surface nitriding treatment, good corrosion resistance and abrasion resistance;

4. The cover depth of the stuffing box is reasonable, packing and corrosion inhibitor, reliable sealing.

执行标准 Execution Standard

产品规范 Product Specification	设计规范 Design Spec	结构长度 Face to Face	焊接坡口 Welding groove	试验与检验 Test & Check	压力-温度 Pressure-Temp
	JB/T3595	JB/T2766	GB/T 12224 JB/T3595	JB/T3595	JB/T3595

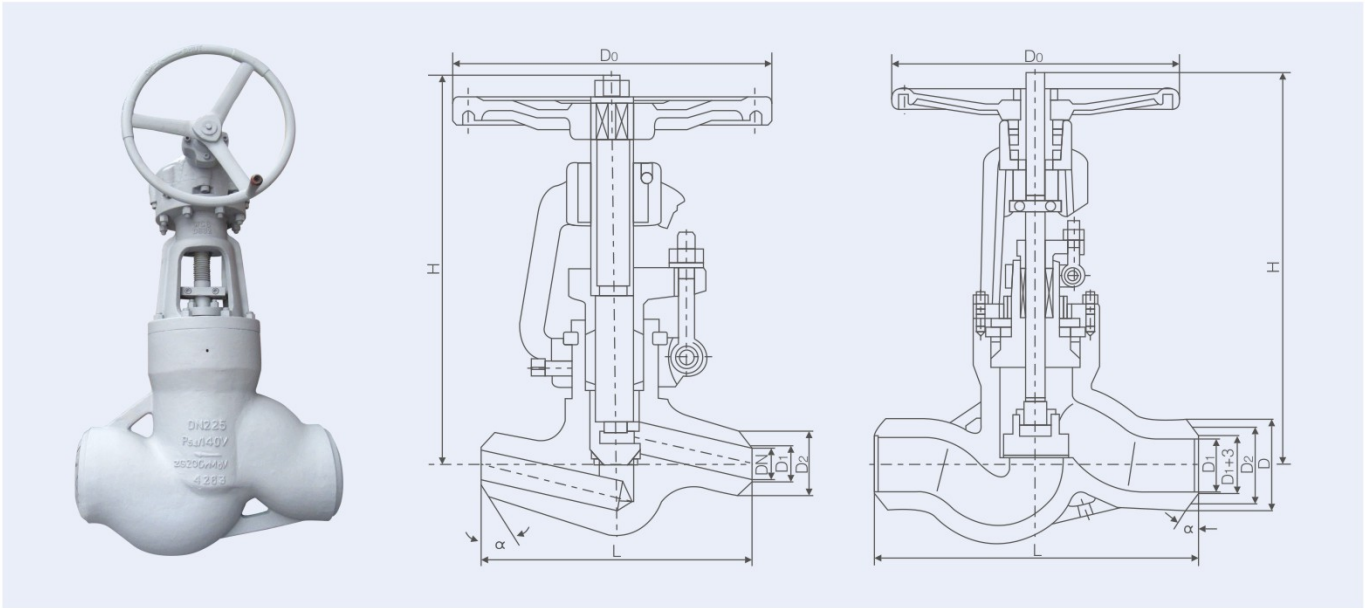
主要性能规范 Main Performance Specifications

产品型号 Product type	公称压力PN(MPa) Nominal pressure	试验压力(MPa)Test pressure		工作压力(MPa) Wording pressure			工作温度(℃) Working temperature	适用介质 Applicable medium
		壳体 Shell	密封 Seal	p _{s4}	p _{s5}	p _{s7}		
J61 ^H _Y -100	10	15	11	/	/	/	≤450	水、蒸汽、油品 Water、steam、Oil
J61 ^H _Y -200	20	30	22	/	/	/		
J61 ^H _Y -250	25	38	28	/	/	/		
J61 ^H _Y -320	32	48	36	/	/	/		
J61Y-P54/100V	/	30	22	10	/	/	≤540	蒸汽 Steam
J61Y-P54/140V	/	38	28	14	/	/		
J61Y-P54/170V	/	48	36	17	/	/		
J61Y-P55/100V	/	38	28	/	10	/	≤555	
J61Y-P55/140V	/	48	36	/	14	/		
J61Y-P55/170V	/	53	39	/	17	/		
J61Y-P57/100V	/	48	36	/	/	10	≤570	
J61Y-P57/140V	/	55	40	/	/	14		
J61Y-P57/170V	/	60	44	/	/	17		

主要零件材料 Main Parts and Materials

零件名称 Part name	J61H/J961H型 (Type)	J61Y/J961Y型 (Type)	J61Y-P54/J961Y-P54型 (Type)	J61Y-P55/J961Y-P55型 (Type)	J61Y-P57/J961Y-P57型 (Type)
阀体 Body	25、WCB	25、WCB	12Cr1MoV、WC6	12Cr1MoV、WC6	12Cr1MoV、WC9
阀盖 Bonnet	25、WCB	25、WCB	12Cr1MoV、WC6	12Cr1MoV、WC6	12Cr1MoV、WC9
阀杆 Stem	铬不锈钢 Cr.Stainless steel 铬钼钢 Cr.Mo, Aluminum steel		20Cr1Mo1VA、38Cr1MoAlA		
阀瓣 Disc	铬不锈钢 Cr.Stainless steel	25	12Cr1MoV		
密封面 Sealing surface			硬质合金 Hard alloy		
填料 Packing	NBR/FPM 柔性石墨 Flexibie graphite				
阀杆螺母 Stem nut	铝青铜 Al bronze				
手轮 Handwheel	可锻铸铁 Malleable cast iron				
紧固件 Fastener	铬钼钢 Cr.Mo, Aluminum steel，优质碳钢 High-grade carbon steel				

高温高压截止阀
HIGH TEMPERATURE HIGH PRESSURE GLOBE VALVE



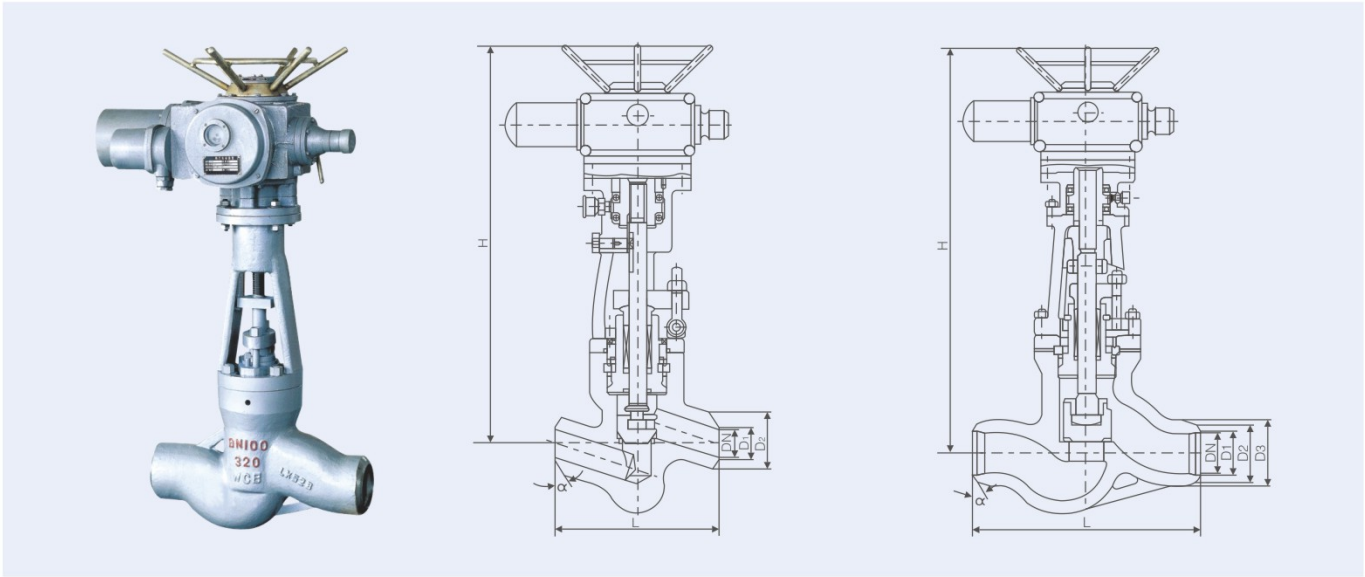
主要外形连接尺寸 Main Boundary Connection Dimensions

PN200~320,100~170V

DN(mm)	L	D ₁	D ₂	D ₃	α	H	D ₀	WT (kg)
J61Y-200、250、320 J61Y-P54/100V、P54/140V、P54/170V								
10	130	12	25	/	37.5°	185	140	2.8
15	150	17	36	/	37.5°	247	200	7.5
20	170	22	42	/	37.5°	248	200	9
25	200	26	42	/	37.5°	248	240	9.5
32	250	31	44	/	37.5°	248.5	280	15
40	320	38	60	/	37.5°	440	280	23
50(1)	350	50	82	/	32°	450	320	60
50(2)	350	50	82	/	32°	450	320	64
65	420	69	100	110	32°	669	400	74
80	470	84	108	130	32°	669	450	112.5
100	570	107	144	165	32°	755	500	178.5
J61Y-P55/100V、P55/140V、P55/170V、 J61Y-P57/100V、P57/140V、P57/170V								
10	130	12	28	/	37.5°	189	140	3
15	150	17	40	/	37.5°	250	200	9
20	170	22	46	/	37.5°	252	200	11
25	200	26	46	/	37.5°	254	240	13
32	250	31	49	/	37.5°	254	280	17
40	320	38	60	/	37.5°	440	280	23
50(1)	350	50	90	/	32°	453	320	68
50(2)	350	50	90	/	32°	455	320	72
65	420	69	104	110	32°	630	400	83
80	470	84	110	140	32°	672	450	118
100	570	107	148	170	32°	761	500	185

注：DN50为两种结构 Notice: DN50 For the two kinds of structure.

高温高压电动截止阀
HIGH TEMPERATURE HIGH PRESSURE ELECTRIC GLOBE VALVE

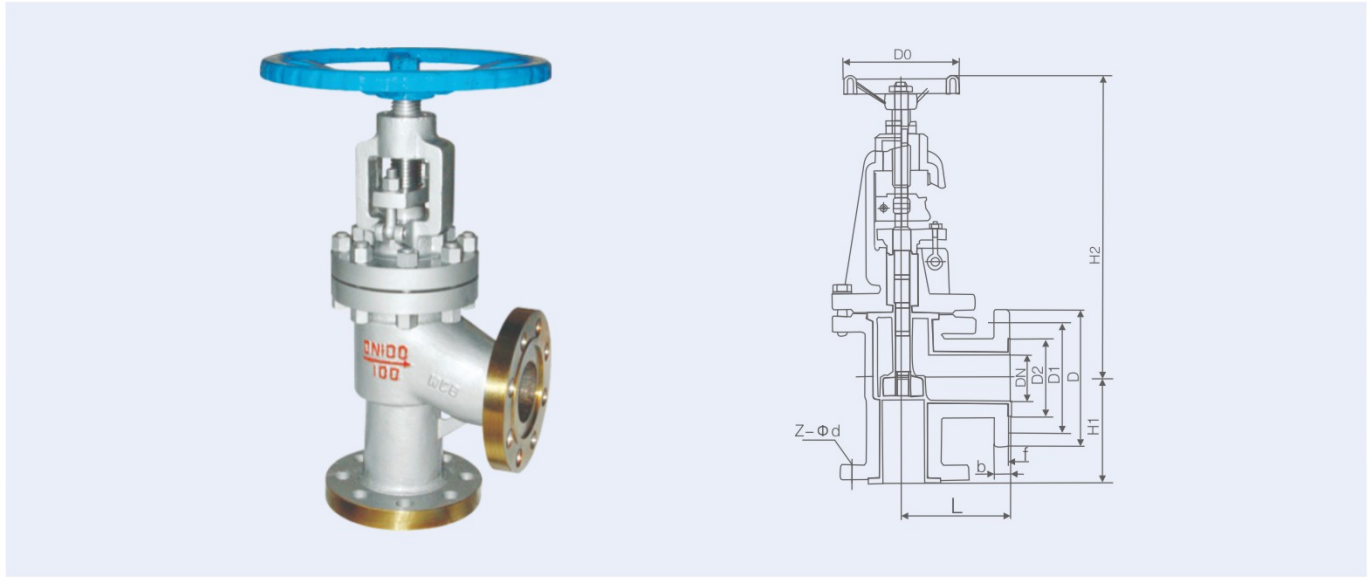


主要外形连接尺寸 Main Boundary Connection Dimensions PN200~320, 100~170V

DN(mm)	L	D1	D2	D3	α	H
	J961H/Y-200、200、250、320 J961Y-P54/100V、P54/140V、P54/170V					
15	150	17	36	/	37.5°	518
20	170	22	42	/	37.5°	518
25	200	26	42	/	37.5°	518
32	250	31	44	/	37.5°	560
40	320	38	60	/	37.5°	545
50(1)	350	50	82	/	32°	728
50(2)	350	50	82	/	32°	748
65	420	69	100	110	32°	829
80	470	84	108	130	32°	898
100	570	107	144	165	32°	913
J961Y-P55/100V、P55/140V、P55/170V、 J961Y-P57/100V、P57/140V、P57/170V						
15	150	17	40	/	37.5°	518
20	170	22	46	/	37.5°	518
25	200	26	46	/	37.5°	518
32	250	31	49	/	37.5°	560
40	320	38	60	/	37.5°	545
50(1)	350	50	90	/	32°	728
50(2)	350	50	90	/	32°	748
65	420	69	104	115	32°	829
80	470	84	110	140	32°	898
100	570	107	148	170	32°	913

注：DN50为两种结构 Notice: DN50 for the two kinds of structure.

角式法兰截止阀
ANGLE FLANGE GLOBE VALVE



主要性能规范 Main Performance Specifications

1.试验压力 Test Pressure

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

2.适用范围 Suitable Scope

壳体材料 Shell material	适用介质 Applicable medium	适用温度℃ Applicable temperature
碳素钢(C型) Carbon steel(C type)	水、蒸汽、油品 Water, steam, oil goods	≤425
铬镍钛钢(P型) Cr.Ni.Ti steel(P type)	硝酸类 Nitric acid	≤200
铬镍钛钢(R型) Cr.Ni.Mo.Ti steel (R type)	醋酸类 Acetic acid	≤200
铬钼钢(I型) Cr.Mo steel(I type)	水、蒸汽、油品 Water, steam, oil goods	≤550

主要外形连接尺寸 Main Boundary Connection Dimensions

PN1.6/2.5MPa

DN(mm)	L	D	D1	D2	b	f	Z-φd	D0	H1	H2
(J44H/Y/W -16/25C/P/R/L)										
25	160	115	85	65	18	3	4-14	100	220	236
32	180	135	100	78	18	3	4-18	120	251	273
40	210	145	110	85	20	3	4-18	140	283	306
50	230	160	125	100	20	3	4-18	160	316	344
65	290	180	145	120	22	3	4-18	180	353	383
80	310	195	160	135	22	3	8-18	200	437	479
100	350	215	180	155	24	3	8-18	240	479	529
125	400	245	230	180	26	3	8-18	280	542	608
150	480	280	240	210	28	4	8-18	320	605	680
200	600	335	295	265	30	4	12-23	360	650	755

德标波纹管截止阀
DIN STANDARD BELLOW GLOBE VALVE

产品用途 Product Usage

德标波纹管截止阀适用于公称压力 PN1.6~16MPa，工作温度-29~350℃的石油、化工、制药、化肥、电力行业等各种工况的管路上，切断或接通管路介质。

DIN standard bellow globe valve working presure: PN1.6~16MPa; Working temperature: -29~350℃; Usage: Petroleum, Chemical engineering, Pharmaceutical industry, Power plant etc.. Function: On-off valve.

产品特点 Product Features

- 1、产品结构合理、密封可靠、性能优良、造型美观；

2、密封面堆焊Co基硬质合金，耐磨、耐腐、抗摩擦性能好、使用寿命长；

3、阀杆调质及表面氮化处理，有良好的抗腐和抗摩擦性能；

4、双重密封，性能更可靠；

5、阀杆升降位置指示、更直观；

6、零件材质及法兰、对焊端尺寸可根据实际工况或用户要求合理选配，满足各种工程需要。
1. Resonable Structure, tightly sealing, good performance and beautiful Shape;

2. Hard faced metal seat,anti-erosion and long service life;

3. Nitrogen treatment stem, with better erosion and waring resistance;

4. Back seal sealing struture, tightly sealed;

5. Stem lift position indication, more intuitive;

6. Materials and size customizable, according to different aplication.

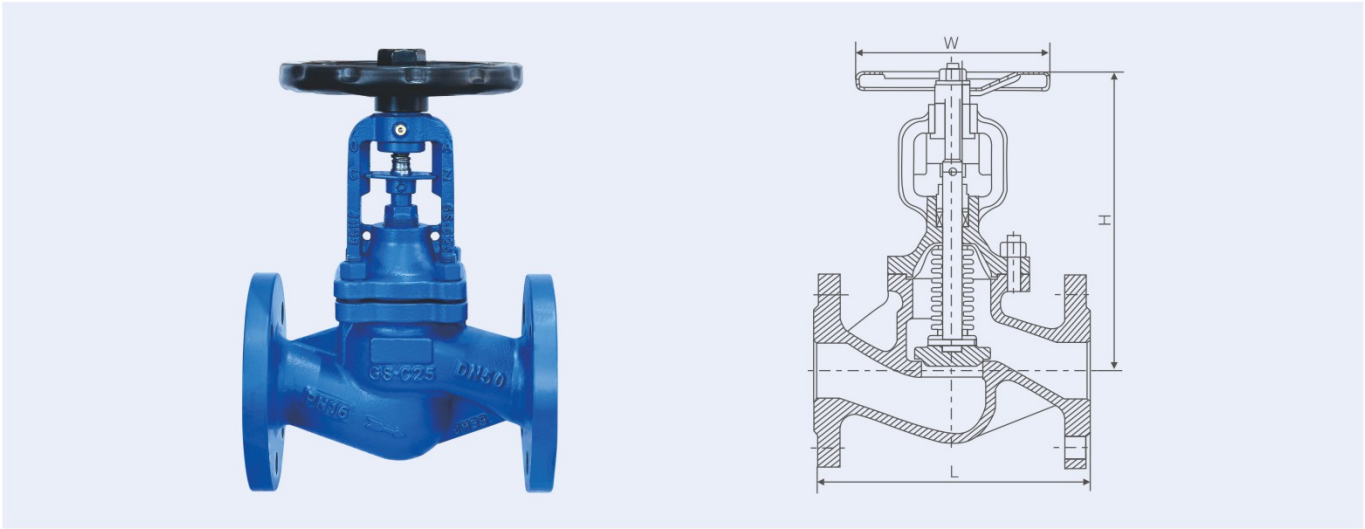
主要性能规范 Main Performance Specifications

公称压力(MPa) Nominal pressure	壳体试验压力(MPa) Shell test	密封试验压力(MPa) Sealing test	适用温度(℃) Suitable temp.	使用介质 Suitable medium
1.6	2.4	1.76	≤350℃	水、蒸汽、油品等 Water, steam, oil, etc.
2.5	3.75	2.75		
4.0	6.0	4.4		
6.4	9.6	7.04		

主要零件材料 Main Parts and Materials

序号No.	名称 Part name	材质 Material
1	阀体 Body	GS-C25 1.7363 1.4308、1.4408、1.4306、1.4301
2	阀瓣 Disc	ASTM A182-Gr.F6a ASTM A182-F22 ASTM A182-F304、F316、F321、F304L、F316L
3	轴销 Pin	ASTM A182-Gr.F6a ASTM A182-F22 ASTM A182-F304、F316、F321、F304L、F316L
4	波纹管组件 Bellow assemble	1Cr18Ni9Ti、304、316
5	阀杆 Stem	ASTM A182-Gr.F6a ASTM A182-F22 ASTM A182-F304、F316、F321、F304L、F316L
6	阀盖 Bonnet	GS-C25 1.7363 1.4308、1.4408、1.4306、1.4301
7	填料 Packing	柔性石墨 Flexible graphite、PTFE
8	填料压盖 Packing gland	GS-C25 1.7363 1.4308、1.4408、1.4306、1.4301
9	定位片 Guiding piece	25、45、304、316
10	阀杆螺母 Stem nut	铜合金 Copper alloy ZQA19-4
11	手轮 Handwheel	WCB、QT400-18
12	双头螺栓 Bolt	ASTM A193-B 7、A193-B8、A193-B8M
13	六角螺母 Nut	ASTM A194-2H、A194-8、A194-8M
14	垫片 Gasket	柔性石墨+不锈钢 Flexible graphite+stainless steel、PTFE

德标波纹管截止阀
DIN STANDARD BELLOW GLOBE VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

PN1.6~4.0MPa

型号 Model	DWJ41-16														
压力等级 Pressure	PN16														
口径 Size	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
L	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980
H	195	200	220	225	235	250	260	265	370	400	515	550	600	630	680
W	120	140	140	160	160	180	200	220	250	300	350	400	450	500	500
重量(Kg)Weight	4	4.5	5	7	9	12.5	18	23	41	54	90	160	260	410	610

型号 Model	DWJ41-25														
压力等级 Pressure	PN25														
口径 Size	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
L	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980
H	195	200	220	225	235	250	260	265	370	400	515	550	600	630	680
W	120	120	140	160	160	180	200	220	250	300	350	400	450	500	500
重量(Kg)Weight	4	4.5	5	7.5	9.5	13	19	24	43	57	95	168	300	510	680

型号 Model	DWJ41-40														
压力等级 Pressure	PN40														
口径 Size	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
L	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980
H	195	200	220	225	235	250	260	265	370	400	515	550	600	630	680
W	120	120	140	160	160	180	200	220	250	300	350	400	450	500	500
重量(Kg)Weight	4	4.5	5	8	10	13.5	20	25	45	60	98	171	340	580	780

低温截止阀
CRYOGENIC GLOBE VALVE

产品用途 Product Usage

低温截止阀适用于低温液体贮运设备的管理系统，具有开关灵活、密封可靠的特点，也可用于其他低温和深冷介质的管理系统。
The cryogenic globe valve is suitable for the management system of cryogenic liquid storage and transportation equipment. It has the characteristics of flexible switch and reliable sealing. It can also be used for the management system of other cryogenic and cryogenic media.

产品特点 Product Features

- 1、阀门在低温介质及周围环境温度下应具有长时间工作的能力；

2、阀门不应成为低温系统的一个显著热源。这是因为热量的流入除降低热效率外，如流入过多，还会使内部流体急速蒸发，产生异常升压，造成危险；

3、低温介质不应对手轮操作及填料密封性能产生有害的影响；

4、直接与低温介质接触的阀门组合件应具有防爆和防火结构；

5、在低温下工作的阀门组合件无法润滑，所以需要采取结构措施，以防止摩擦件擦伤。
1. The valve in the low temperature medium and the surrounding environment temperature should have the ability to work long hours;

2. The valve should not be a low temperature system of a significant source of heat. This is because the heat flow in addition to the lower thermal efficiency, such as flow too much, still can make internal fluid evaporation rapidly, produce abnormal booster, dangerous;

3. Low temperature medium should not produce harmful to the hand wheel operation and packing seal performance;

4. Direct valve assembly shall be in contact with the medium and low temperature with explosion and fire prevention structure;

5. Work under low temperature of the valve assembly cannot lubrication, so you need to take structure measures, in order to prevent the friction abrasion.

执行标准 Execution Standard

产品规范 Product Specification	设计规范 Design Spec	结构长度 Face to Face	连接法兰 Flange end	试验与检验 Test & Check	压力-温度 Pressure-Temp
	JB/T7749、 GB/T24925	GB/T12221	JB/T79、GB/T9113 HG/T20592	JB/T9092 GB/T13927	GB/T12224

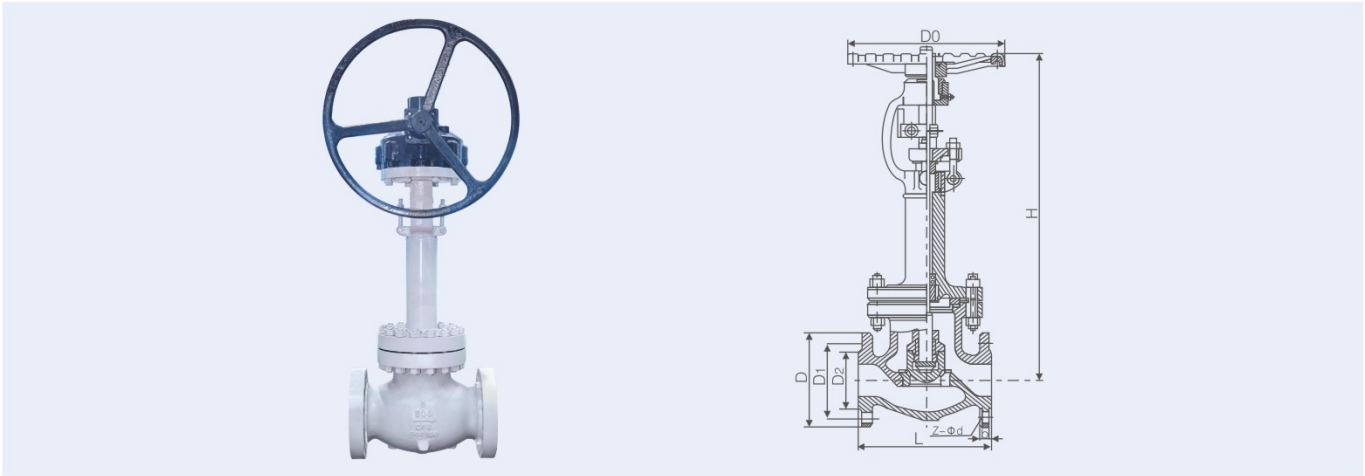
主要性能规范 Main Performance Specifications

公称压力PN(MPa) Nominal pressure	强度试验 Shell test	水密封试验 Water seal test	上密封试验 Bacd seat test	气密封试验 Air seal test
1.6	2.4	1.8	1.8	0.4-0.7
2.5	3.8	2.8	2.8	
4.0	6.0	4.4	4.4	

主要零件材料 Main Parts and Materials

阀体/阀盖/阀板 Body,bonnet,plate	阀杆 Stem	密封面 Sealing surface	垫片 Gasket	填料 Packing	工作温度(℃) Working temperature	适用介质 Applicable medium
LCB	1Cr17Ni12	DTL/DTL	1Cr13 柔性石墨 低温石棉 (Flexible graphite Low temperature asbestos)	PTFE 浸四氟乙 烯石棉绳 柔性石墨 (Dip four fluorine b Ene asbestos rope Flexible graphite)	-46	丙烷、丙烯 甲醇、乙烷 煤气、液氨 Propane, propylene Methanol, ethane Gas, liquid ammonia
LC1					-60	
LC2					-73	
LC3	-101					
LC4	-115					
LC8	-196					

低温截止阀
CRYOGENIC GLOBE VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions DJ41Y-16C/(PN1.6MPa)

DN(mm)	L	D	D1	D2	b	Z-φd	D0	H			WT (kg)
								-46℃	-101℃	-196℃	
50	230	160	125	100	16	4-φ18	240	460	480	520	15
65	290	180	145	120	18	4-φ18	280	475	505	525	23
80	310	195	160	135	20	8-φ18	280	520	550	590	28
100	350	215	180	155	22	8-φ18	320	545	575	615	32
125	400	245	210	185	24	8-φ18	360	590	620	660	88
150	480	280	240	210	24	8-φ23	400	650	680	730	98
200	600	335	295	265	26	12-φ23	400	850	880	930	155

主要外形连接尺寸 Main Boundary Connection Dimensions DJ41Y-25C/(PN2.5MPa)

DN(mm)	L	D	D1	D2	b	Z-φd	D0	H			WT (kg)
								-46℃	-101℃	-196℃	
50	230	160	125	100	20	4-φ18	240	460	480	520	16
65	290	180	145	120	22	8-φ18	280	475	505	525	23
80	310	195	160	135	22	8-φ18	280	520	550	590	29
100	350	230	190	160	24	8-φ23	320	545	575	615	32
125	400	270	220	188	28	8-φ25	360	590	620	660	90
150	480	300	250	218	30	8-φ25	400	650	680	730	98
200	600	360	310	278	34	12-φ25	400	850	880	930	159

主要外形连接尺寸 Main Boundary Connection Dimensions DJ41Y-40C/(PN4.0MPa)

DN(mm)	L	D	D1	D2	b	Z-φd	D0	H			WT (kg)
								-46℃	-101℃	-196℃	
50	230	160	125	100	20	4-φ18	240	483	504	546	16
65	290	180	145	120	22	8-φ18	280	499	530	551	24
80	310	195	160	135	22	8-φ18	280	546	578	620	30
100	350	230	190	160	24	8-φ23	320	572	604	646	33
125	400	270	220	188	28	8-φ25	360	620	651	693	93
150	480	300	250	218	30	8-φ25	400	683	741	767	100
200	600	375	320	282	38	12-φ30	400	893	924	977	163

注：本表中法兰尺寸按JB/T 79标准，结构长度按GB/T 12221标准。
Note: The dimensions of flanges in this table are JB/T 79 standard, and the Face to Face is GB/T 12221 standard.

保温Y型截止阀
INSULATION Y-TYPE GLOBE VALVE

产品用途 Product Usage

保温Y型截止阀主要用于石油、化工、冶金、制药等各类系统中，以输送常温下会凝固的高粘度介质。保温夹套焊装于阀门的两法兰之间，阀门的侧面、底部设置有保温夹套的两个连接口。该阀特别适用于化工、化肥行业的管路上，夹套内通入蒸汽能防止介质结晶。

Insulation Y-type globe valve mainly used in petroleum, chemical, pharmaceutical industry, transport high-precision media that may solidify in Regular temperature. Insulated cover welded between two flange, side and bottom of the valve has two insulated connector. This valve mainly use for Chemical, Fertilizer pipeline, The steam in the cover can prevent the media from crystalizing.

产品特点 Product Features

- 1、结构简单，制造和维修比较方便；

2、工作行程小，启闭时间短；

3、密封性好，密封面间摩擦力小，寿命较长。
1. Simple structure, manufacture and maintenance more convenient;

2. Small work schedule, opening and closing time is short;

3. Good sealing, small friction between the sealing surface, long service life.

执行标准 Execution Standard

产品规范 Product Specification	设计规范 Design Spec	结构长度 Face to face	连接法兰 Flange end	试验与检验 Test&Check
	GB/T12235	GB/T12221	JB/T 79、GB/T9113、HG/T20592、EN1092-1/2、ASME B16.5/B16.47	JB/T 9092 GB/T13927、API598

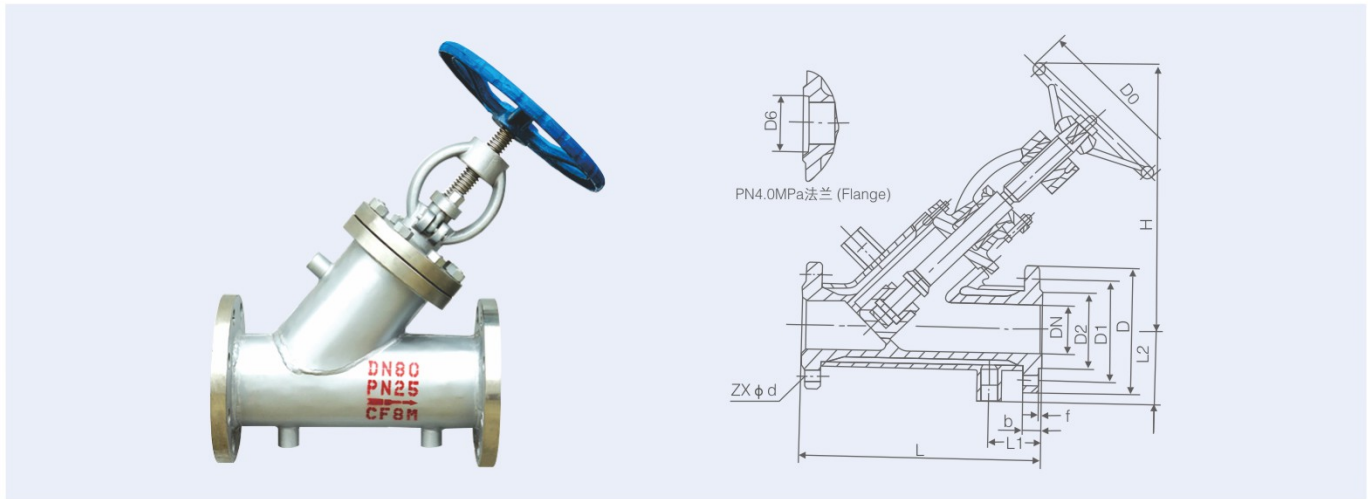
主要性能规范 Main Performance Specifications

公称压力PN(MPa) Nominal pressure	试验压力(MPa)Test pressure		适用温度℃ Applicable temperature	适用介质 Applicable medium	保温套压力(MPa) Insulation sets of pressure
	壳体 Shell	密封 Seal			
1.6	2.4	1.8	≤350	酸类 Acid	≤1.0
2.5	3.8	2.8	≤350	酸类 Acid	≤1.0

主要零件材料 Main Part Materials

零件名称 Part name	ZG1Cr18Ni9Ti 系列 (Series)	ZG00Cr18Ni10 系列 (Series)	ZG1Cr18Ni12Mo2Ti 系列 (Series)	ZG00Cr17Ni14Mo2 系列 (Series)	WCB系列 (Series)
阀体/阀盖 Body,bonnet	ZG1Cr18Ni9Ti	ZG00Cr18Ni10	ZG1Cr18Ni12Mo2Ti	ZG00Cr17Ni14Mo2	WCB
闸板 Disc	ZG1Cr18Ni9Ti	ZG00Cr18Ni10	ZG1Cr18Ni12Mo2Ti	ZG00Cr17Ni14Mo2	1Cr13
阀杆 Stem	1Cr18Ni9Ti	00Cr18Ni10	1Cr18Ni12MoTi	00Cr17Ni14Mo	1Cr13
填料 Packing	PTFE 纺织(Textile)	PTFE 纺织(Textile)	PTFE 纺织(Textile)	PTFE 纺织(Textile)	石墨 Graphite
垫片 Gasket	304L+PTFE	304L+PTFE	316L+PTFE	316L+PTFE	石墨(Graphite)+304
压盖 Gland	ZG1Cr18Ni9Ti	ZG00Cr18Ni10	ZG1Cr18Ni12Mo2Ti	ZG00Cr17Ni14Mo2	WCB
填料压环 Packing gland ring	1Cr18Ni9Ti	00Cr18Ni10	1Cr18Ni12MoTi	00Cr17Ni14Mo	1Cr13
螺栓 Bolt	1Cr17Ni2	1Cr17Ni2	1Cr17Ni2	1Cr17Ni2	35CrMoA
螺母 Nut	1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti	45

保温Y型截止阀
INSULATION Y-TYPE GLOBE VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

公称压力(PN) Nominal pressure	DN(mm)	L	L1	L2	H	D	D1	D2	b	f	z × φ d	D0	WT(Kg)
PN1.6~4.0MPa													
BJ41W-16/25/40													
PN16 PN25	25	210	50	65	250	135	100	78	18	2	4 × φ 18	160	25
	32	230	55	70	270	145	110	85	18	3	4 × φ 18	160	30
	40	260	60	78	310	160	125	100	20	3	4 × φ 18	160	36
	50	300	60	88	330	180	145	120	22	3	8 × φ 18	240	40
	65	340	65	95	360	195	160	135	22	3	8 × φ 18	240	54
	80	380	70	112	400	230	190	160	24	3	8 × Φ23	280	70
	100	430	75	132	480	270	220	188	28	3	8 × φ 23	320	100
	125	490	80	146	550	300	250	218	30	3	8 × φ 25	360	130
	150	550	90	172	620	330	280	248	32	3	12 × φ 25	360	170
PN 40	200	690	95	205	750	395	340	302	36	3	12 × φ 25	400	250
	25	210	50	65	250	135	100	78	18	2	4 × φ 18	160	25
	32	230	55	70	270	145	110	85	18	3	4 × φ 18	160	33
	40	260	60	78	310	160	125	100	20	3	4 × φ 18	160	41
	50	300	60	88	330	180	145	120	22	3	8 × φ 18	240	45
	65	340	65	95	360	195	160	135	22	3	8 × φ 18	240	62
	80	380	70	112	400	230	190	160	24	3	8 × φ 23	280	80
	100	430	75	132	480	270	220	188	28	3	8 × φ 25	320	100
	125	490	80	146	550	300	250	218	30	3	8 × φ 25	360	130
	150	550	90	172	620	350	295	258	34	3	12 × φ 30	360	185
	200	690	95	205	750	415	355	315	40	3	12 × φ 34	400	268

氧气专用截止阀
OXYGEN SPECIFIED GLOBE VALVE

产品用途 Product Usage

氧气专用截止阀采用材质优良的硅黄铜或不锈钢铸造而成，具有机械强度高、耐磨损、安全性好等优点。适用在氧气管路上，具有较好的防爆阻燃性能，消除了氧气管路上的不安全因素。

Oxygen specified globe valve is made of excellent silicon brass or stainless steel casting, with high mechanical strength, wear resistance, good safety and other advantages. It is suitable for oxygen pipeline, it has better explosion-proof and flame retardant performance, and it can eliminate the unsafe factors on the oxygen pipeline.

产品特点 Product Features

该产品除了具有普通阀门的功能外，又有其自身的特点。在制造时采用严格的禁油措施，并且所有零件在安装前均进行严格的脱脂处理。所有通径阀门法兰端均设有导电螺孔，以防静电。阀门外露部位有保护措施，防止尘土和油类污染。该类产品的所用材料分两大类：一类是选用了铸造硅黄铜为阀体、阀盖、阀瓣的用材；另一类是选用了优质不锈钢为阀体、阀盖、阀瓣的用材。

This product not only have the normal function of the valve, and has its own characteristics. With strict non oil measures in manufacture, and all parts were strict degreasing before installation. All sizes have conductive screw hole flange end, to prevent static electricity. The leakage valve parts has protective measures to prevent dust and oil pollution. Materials used on this product in two kinds: one kind is to choose the casting silicon brass body, cover, disc material; Another kind is to choose the high quality stainless steel for body, cover, the material of the disc.

执行标准 Execution Standard

产品规范 Product Specification	设计规范 Design Spec	结构长度 Face to face	连接法兰 Flange end	试验与检验 Test & Check
	GB/T12235	GB/T12221	JB/T 79、GB/T9113、HG/T20592、EN1092-1/2、ASME B16.5/B16.47	JB/T 9092 GB/T13927、API598

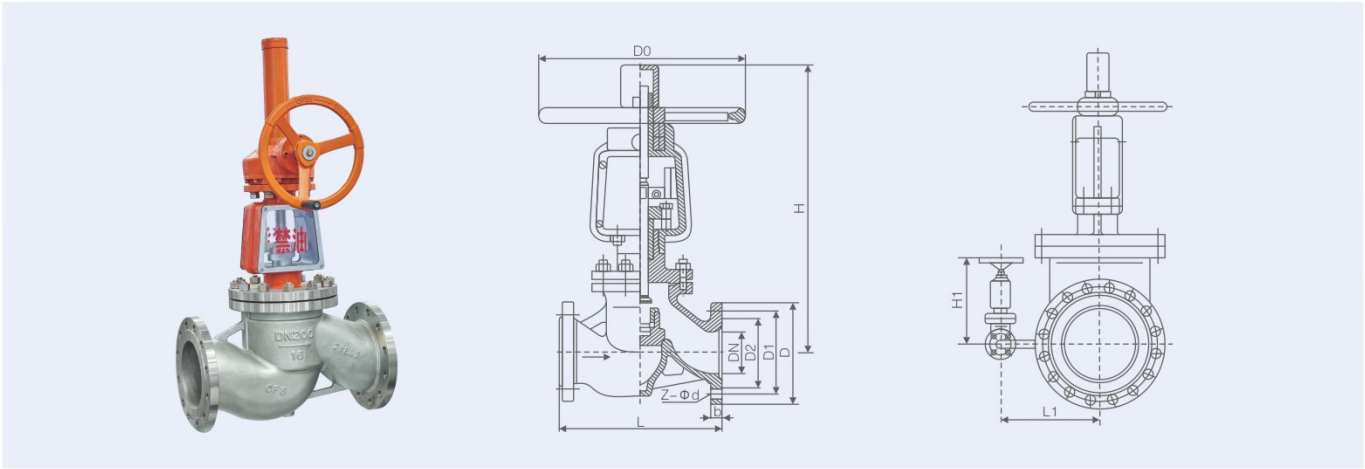
主要性能规范 Main Performance Specifications

公称通径(DN) Nominal diameter		15-400		
公称压力(MPa) Nominal pressure		1.6	2.5	4.0
试验压力(MPa) Test pressure	强度 Strength test	2.4	3.75	6.0
	密封 Sealing	1.76	2.75	4.4
适用温度 Applicable Temp.		≤200℃		
适用介质 Applicable medium		氧气 Oxygen		

主要零件材料 Main Part Materials

零件名称 Part name	零部件材质 Part Material
阀体/阀盖 Body, bonnet	不锈钢、黄铜 Stainless steel, brass
阀杆 Stem	不锈钢、黄铜 Stainless steel, brass
阀瓣 Disc	25#密封面尼龙 (Sealing surface nylon)
阀杆螺母 Stem nut	青铜 Bronze
填料 Packing	增强聚四氟乙烯成形 Reinforced PTFE molding
垫片 Gasket	XB450
手轮 Handwheel	球墨铸铁 Ductile iron

氧气专用截止阀
OXYGEN SPECIFIED GLOBE VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

PN2.5MPa

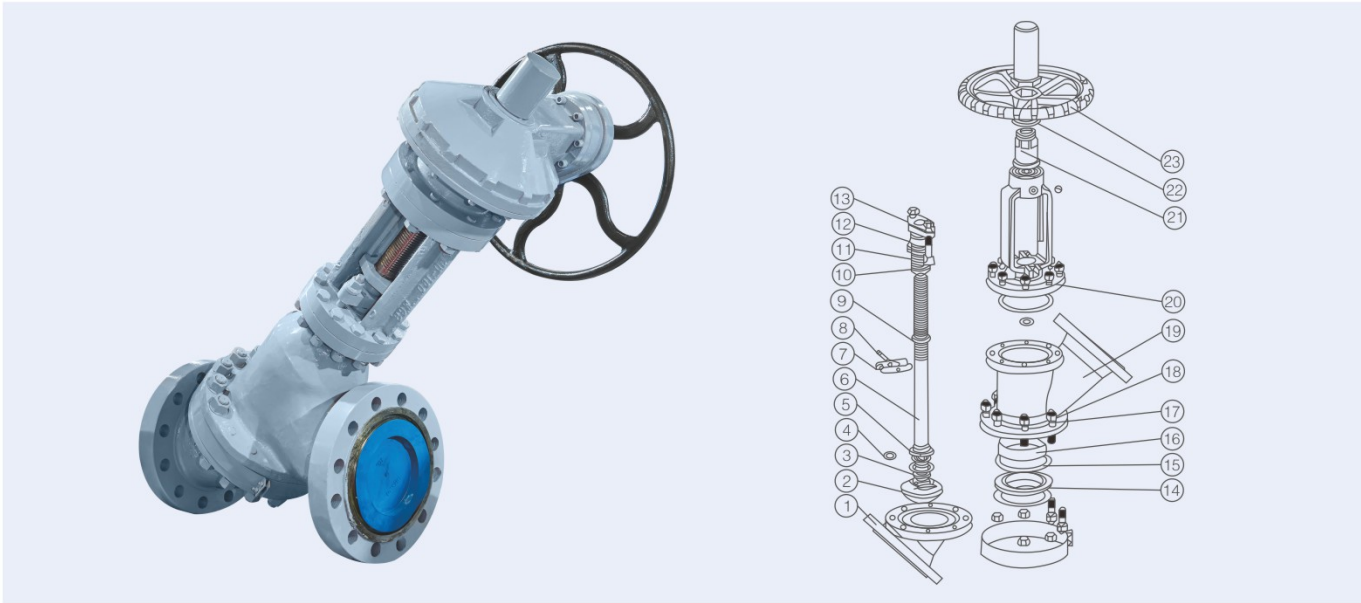
DN(mm)	L	D	D ₁	D ₂	b	Z-φ d	D ₀	H	H ₁	L ₁
JY41W-25P/PL					JY41W-25T					
15	130	95	65	45	16	4-φ 14	100	190	-	-
20	150	105	75	55	16	4-φ 14	100	213	-	-
25	160	115	85	65	16	4-φ 14	125	236	-	-
32	180	135	100	78	18	4-φ 18	180	312	-	-
40	200	145	110	85	18	4-φ 18	160	328	-	-
50	230	160	125	100	20	4-φ 18	320	450	-	-
65	290	180	145	120	22	8-φ 18	360	530	-	-
80	310	195	160	135	22	8-φ 18	400	560	-	-
100	350	230	190	160	24	8-φ 23	450	618	-	-
125	400	270	220	188	28	8-φ 25	450	675	-	-
150	480	300	250	218	30	8-φ 25	560	743	-	-
200	600	360	310	278	34	12-φ 25	640	850	-	-
250	650	425	370	332	36	12-φ 30	720	975	340	380
300	750	485	430	390	40	16-φ 30	800	1115	340	415
400	950	610	550	505	48	16-φ 34	900	1380	340	465

主要外形连接尺寸 Main Boundary Connection Dimensions

PN4.0MPa

DN(mm)	L	D	D ₁	D ₂	b	Z-φ d	D ₀	H	H ₁	L ₁
JY41W-40P/PL					JY41W-40T					
15	130	95	65	45	40	4-φ 14	100	202	-	-
20	150	105	75	55	51	4-φ 14	100	225	-	-
25	160	115	85	65	58	4-φ 14	125	236	-	-
32	180	135	100	78	66	4-φ 18	180	312	-	-
40	200	145	110	85	76	4-φ 18	160	328	-	-
50	230	160	125	100	88	4-φ 18	320	450	-	-
65	290	180	145	120	110	8-φ 18	360	530	-	-
80	310	195	160	135	121	8-φ 18	400	560	-	-
100	350	230	190	160	150	8-φ 23	450	618	-	-
125	400	270	220	188	176	8-φ 25	450	675	-	-
150	480	300	250	218	204	8-φ 25	560	743	-	-
200	600	375	320	282	160	12-φ 30	640	850	-	-
250	650	445	385	345	313	12-φ 34	720	975	340	380
300	750	510	450	408	364	16-φ 34	800	1115	340	415
400	950	655	585	535	474	16-φ 41	900	1425	340	465

Y型料浆阀
Y-TYPE SLURRY VALVE



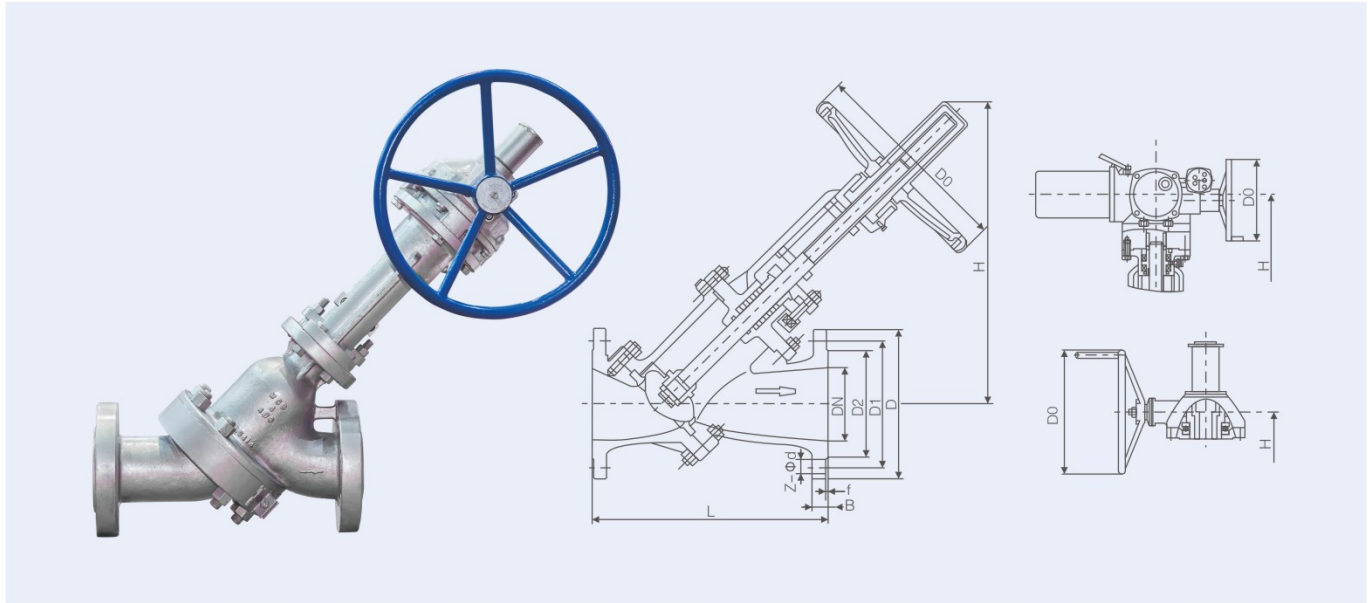
执行标准 Execution Standard

产品规范 Product Specification	设计规范 Design Spec	结构长度 Face to face	连接法兰 Flange end	试验与检验 Test & Check
	GB/T12235 ASME B16.34	GB/T12221	GB/T9113.1、HG/T20592 HG/T20615、ASME B16.5	GB/T9092 API 598

主要零件材料 Main Part 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	左体 Part	WCB	13	填料压盖 Gland	WCB
2	阀瓣 Disc	25+STL	14	阀座 Seat	25+SH
3	对开圆环 Split ring	2Cr13	15	垫片 Gasket	柔性石墨+不锈钢 Flexible graphite + SS
4	O型圈 O-ring	硅橡胶 Silicone rubber	16	护板 Guard plate	35CrMo
5	阀瓣盖 Disc bonnet	45	17	螺柱 Stud	35
6	阀杆 Stem	2Cr13	18	螺母 Nut	45
7	防转板 Move-proof plate	35	19	阀体 Body	WCB
8	销轴 Pin	35	20	阀盖 Bonnet	WCB
9	填料垫 Packing seat	1Cr13	21	阀杆螺母 Stem nut	铜合金 Copper alloy
10	填料 Packing	柔性石墨 Flexible graphite	22	轴承压盖 Bearing gland	45
11	预紧螺栓 Preloaded screw bolt	35	23	驱动装置 Driving device	—
12	填料压套 Stuffing cover	1Cr13	—	—	—

Y型料浆阀
Y-TYPE SLURRY VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

Class 150

DN(mm)	NPS(in)	驱动方式 Driving manner	L	D	D1	D2	B	Z-Φd	f	D0	H	驱动装置* Driving device
JS45Y												
50	2	手动 Manual	230	150	120.7	92.1	19.5	4-18	2	250	307	—
80	3		310	190	152.4	127.0	24.3	4-18	2	250	386	—
100	4		350	230	190.5	157.2	24.3	8-18	2	250	448	—
125	5		400	255	215.9	185.7	24.3	8-22	2	320	519	—
150	6		480	280	241.3	215.9	25.9	8-22	2	360	600	—
200	8	齿动 Gear driving	600	345	298.5	269.9	29.0	8-22	2	450	795	BA-1
250	10		730	405	362.0	323.8	30.6	12-26	2	600	880	BA-1
300	12		850	485	431.8	381.0	32.0	12-26	2	600	935	BA-1
350	14		980	535	476.3	412.8	35.4	12-30	2	600	1088	BA-2
200	8	电动 Electric driving	600	345	298.5	269.9	29.0	8-22	2	305	995	SMC-00
250	10		730	405	362.0	323.8	30.6	12-26	2	305	1045	SMC-00
300	12		850	485	431.8	381.0	32.0	12-26	2	305	1105	SMC-0
350	14		980	535	476.3	412.8	35.4	12-30	2	305	1250	SMC-0

注：本表中法兰尺寸按HG/T 20615-2009标准，结构长度按GB/T 12221-2005标准。
Note: The dimensions of flanges in this table are HG/T 20615-2009 standard, and the Face to Face is GB/T 12221-2005 standard.

上、下展式放料阀
DISCHARGE VALVE

产品用途 Product Usage

该阀主要用于反应器，储罐和其他容器的底部排料，借助于底部法兰焊接于储罐和其他的底部，因此消除工艺介质通常在容器出口的残留现象，广泛应用于化工、石油、冶金、制药、农药、染料、食品加工等行业。

The valve is mainly used for discharging at the bottom of reactor, storage tank and other containers. Welded on the bottom flange of storage tank. Mainly used in Chemical industry, Peotroleum, Metallurgical industry, pharmaceutical Industry, pesticide and food processing industry.

产品特点 Product Features

上、下展式放料阀根据实际情况的需要，放底结构设计为平底型，阀体为V型，并提供提升和下降两种工作方式阀瓣。阀体内腔装有耐冲刷、耐腐蚀的密封圈，在开启瞬间，可以保护阀体不被介质冲刷、腐蚀，并对密封圈进行特殊处理，使表面硬度达到HRC56-62，具有高耐磨、耐腐蚀的功能。阀瓣密封根据需时要密封面均堆焊有硬质合金，密封副采用线密封，保证密封的可靠性，并可防止结疤。同时，采取短行程阀瓣的设计。各种操作方式，例如手动、气动（弹簧复位式、双作用式、带手轮和不带手轮），电动、液动、齿轮等。

According to the real situation, discharge valve structure designed with flat bottom, V shape body, with lifting and descent disc. Inside valve body, it has abrasion and erosion resistance function. Disc sealing with hard metal sealing, line sealing type, ensure reliability of sealing. At the same time, we design short pattern disc, with many kinds of operating method, like manual, pneumatic(Spring reset type, double act type, with or without handwheel, electrical, hydraulic and gear operated.

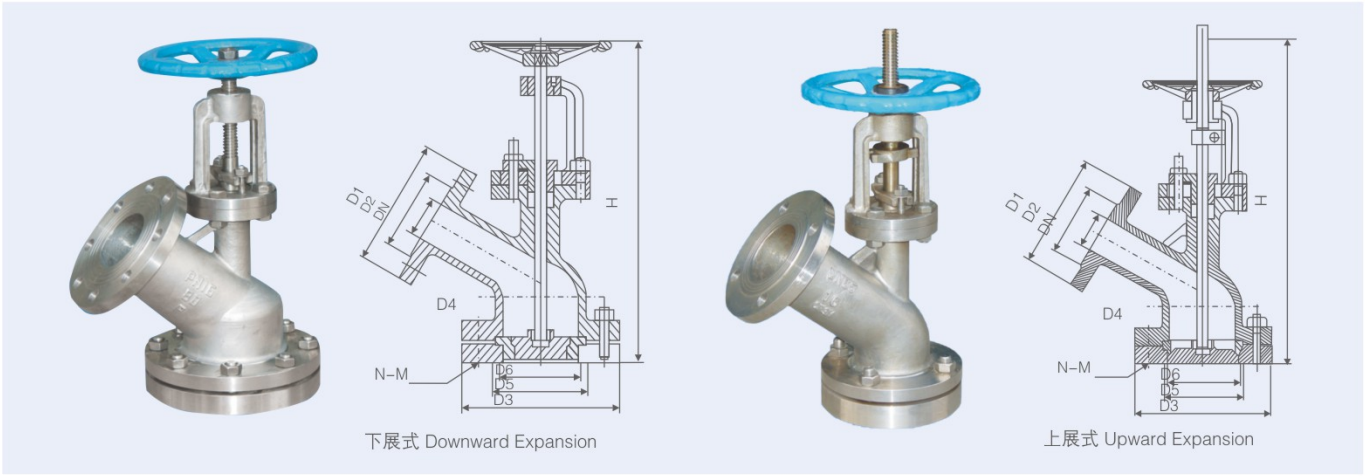
执行标准 Execution Standard

产品规范 Product specification	结构长度 Face to face	连接法兰 Flange end	试验与检验 Test & Check	压力-温度 Pressure-Temp
	GB/T12221	GB/T9113 EN1092-1/2	JB/T9092 GB/T13927	GB/T12224

主要零件材料 Main Part Materials

零件名称 Part name	ZG1Cr18Ni9Ti 系列 (Series)	ZG00Cr18Ni10 系列 (Series)	ZG1Cr18Ni12Mo2Ti 系列 (Series)	ZG00Cr17Ni14Mo2 系列 (Series)	WCB系列 (Series)
阀体/阀盖 Body, bonnet	ZG1Cr18Ni9Ti	ZG00Cr18Ni10	ZG1Cr18Ni12Mo2Ti	ZG00Cr17Ni14Mo2	WCB
阀杆 Stem	ZG1Cr18Ni9Ti	ZG00Cr18Ni10	ZG1Cr18Ni12Mo2Ti	ZG00Cr17Ni14Mo2	20Cr13
阀瓣 Disc	ZG1Cr18Ni9Ti	ZG00Cr18Ni10	ZG1Cr18Ni12Mo2Ti	ZG00Cr17Ni14Mo2	WCB
垫片 Gasket	304+PTFE	304L+PTFE	316+PTFE	316L+PTFE	石墨(Graphite)+304
螺柱 Stud	1Cr17Ni2	1Cr17Ni2	1Cr17Ni2	1Cr17Ni2	35CrMoA
螺母 Nut	1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti	45

上、下展式放料阀
DISCHARGE VALVE



主要尺寸(下展式) Main Dimensions(Downward Expansion)

PN1.6MPa

DN(mm)	上法兰 Upper flange		下法兰 Down flange		密封座 Sealed seat	
	D1	D2	D3	D4	D5	D6
FL45F/W-16						
25	115	85	135	100	70	40
32	135	100	145	110	75	55
40	145	110	160	125	85	65
50	165	125	180	145	100	70
65	180	145	195	160	135	90
80	195	160	215	180	155	130
100	215	180	245	210	195	135
125	245	210	280	245	180	145
150	280	240	335	295	210	185
200	335	295	405	355	-	-

主要尺寸(上展式) Main Dimensions(Upward Expansion)

PN1.6MPa

DN(mm)	上法兰 Upper flange		下法兰 Down flange		密封座 Sealed seat	
	D1	D2	D3	D4	D5	D6
FL41F/W-16						
25	115	85	115	85	80	60
32	135	100	135	100	85	70
40	145	110	145	110	135	85
50	165	125	180	125	135	95
65	180	145	180	145	160	130
80	195	160	195	160	180	140
100	215	180	215	180	185	165
125	245	210	245	210	-	-
150	280	240	280	245	-	-
200	335	295	335	295	-	-

衬氟截止阀
FLUORINE LINED GLOBE VALVE

产品用途 Product Usage

衬氟截止阀适用在-50~150℃的各种浓度的王水、硫酸、盐酸、氢氟酸和各种有机酸、强酸、强氧化剂，还适用于各种浓度的强碱有机溶剂以及其它腐蚀性气体、液体介质的管路上。

Fluorine lined globe valve are suitable for Aqua regia, sulphuric acid, hydrochloric acid, hydrofluoric acid and various organic acids, strong acids, strong oxidants at -50~150℃. They are also suitable for pipelines with various concentrations of strong alkali organic solvents and other corrosive gases and liquid media.

产品特点 Product Features

- 1、采用中法兰螺纹连接，支管两端为法兰连接结构，可与进口设备配套使用；

2、阀瓣、阀座的密封面采用司太立钴基硬质合金堆焊而成，耐磨；

3、阀杆经调质和表面氮化处理，有良好的抗腐蚀性和抗擦伤性；

4、法兰密封采用金属环垫，强度高、密封可靠、耐用性好；

5、1500LB~2500LB中腔采用压力自紧式密封结构。密封性能随内压升高而升高，可靠性高；

6、倒密封采用不锈钢螺纹连接密封座或本体堆焊奥氏体不锈钢，密封可靠，填料更换可在不停机情况下进行，方便快捷不影响系统运行。
1. Use of flange threaded connection, pipe ends for flange connection structure, can be used to form a complete set of imported equipment;

2. Disc and seat sealing surface using department too vertical cobalt-based hard alloy surfacing and become, wear-resisting;

3. Stem the conditioning and surface nitriding treatment, good corrosion resistance and abrasion resistance ;

4. Flange sealing with metal ring gasket, high strength, reliable sealing, good durability;

5. 1500 LB to 2500 LB midplane using pressure self-tightening seal structure. Rise with inner pressure seal performance, high reliability;

6. Pour sealing welding stainless steel threaded connection seal seat or ontology austenitic stainless steel, reliable sealing, packing replacement can be, in the case of non-stop convenient do not affect system operation.

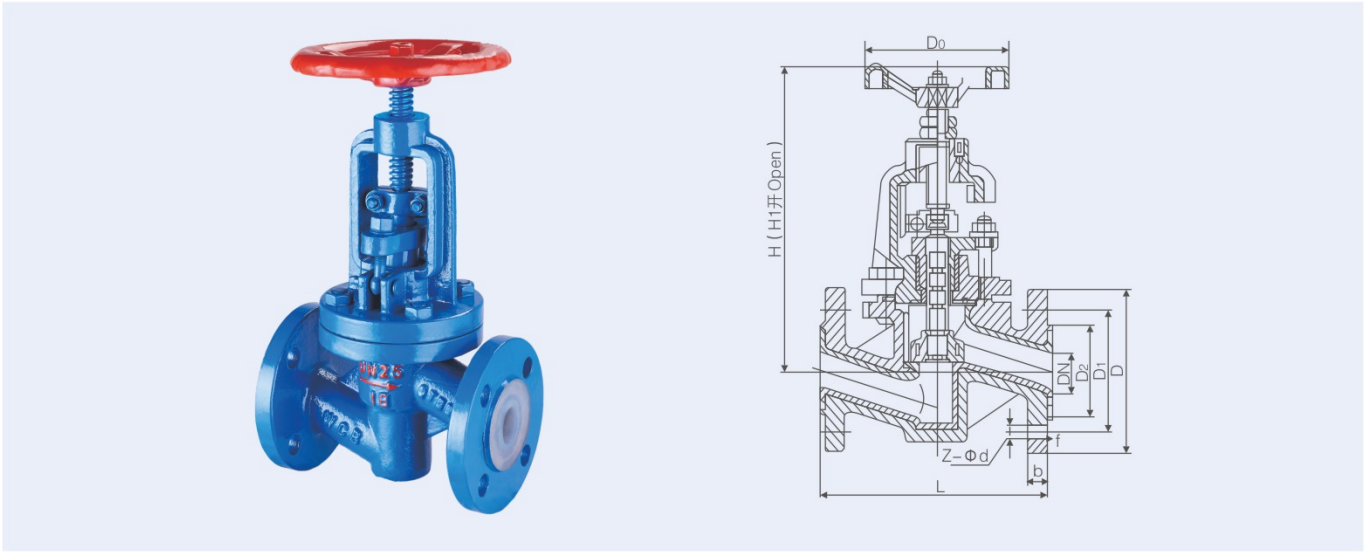
执行标准 Execution Standard

产品规范 Product Specification	设计规范 Design Spec	结构长度 Face to Face	连接法兰 Flange end	试验与检验 Test & Check
	HG/T 3704	GB/T12221 HG/T3704	HG/T 20592、GB/T9113 ANSI B16.5	GB/T13927 API 598

主要零件材料 Main Parts and Materials

零件名称 Part name	精铸球墨铸铁 Precision casting ductile iron	碳钢 Carbon steel	不锈钢 Stainless steel			
	QT	C	P	R	PL	RL
阀体/阀盖/阀瓣 Body, bonnet, disc	QT400	WCB	CF8	CF8M	CF3	CF3M
阀杆 Stem	20Cr13	20Cr13	1Cr18Ni9	1Cr18Ni12Mo2Ti	00Cr18Ni10	1Cr17Ni14Mo2
活节螺栓 Eyelet bolt	35	35	1Cr17Ni2	1Cr17Ni2	1Cr17Ni2	1Cr17Ni2
衬里层 Lining layer	FEP(F46)、PTFE(F4)、PFA(可溶性聚四氟乙烯)、PO(聚烯烃)、PE(超高分子量聚乙烯) FEP (F46), PTFE (F4), PFA (soluble teflon), PO (polyolefin), PE (ultra-high molecular weight polyethylene)					
填料 Packing	PTFE(F4)					
填料压盖 Packing gland	WCB	WCB	CF8	CF8M	CF3	CF3M
阀杆螺母 Stem nut	ZCuAl10Fe3、ZCuAl10Fe3					
螺栓 Bolt	35	35	1Cr17Ni2	1Cr17Ni2	1Cr18Ni9	1Cr18Ni9
螺母 Nut	45	45	0Cr18Ni9	0Cr18Ni9	0Cr18Ni9	0Cr18Ni9
手柄 Handle	A3					

衬氟截止阀
FLUORINE LINED GLOBE VALVE



主要性能规范 Main Performance Specifications

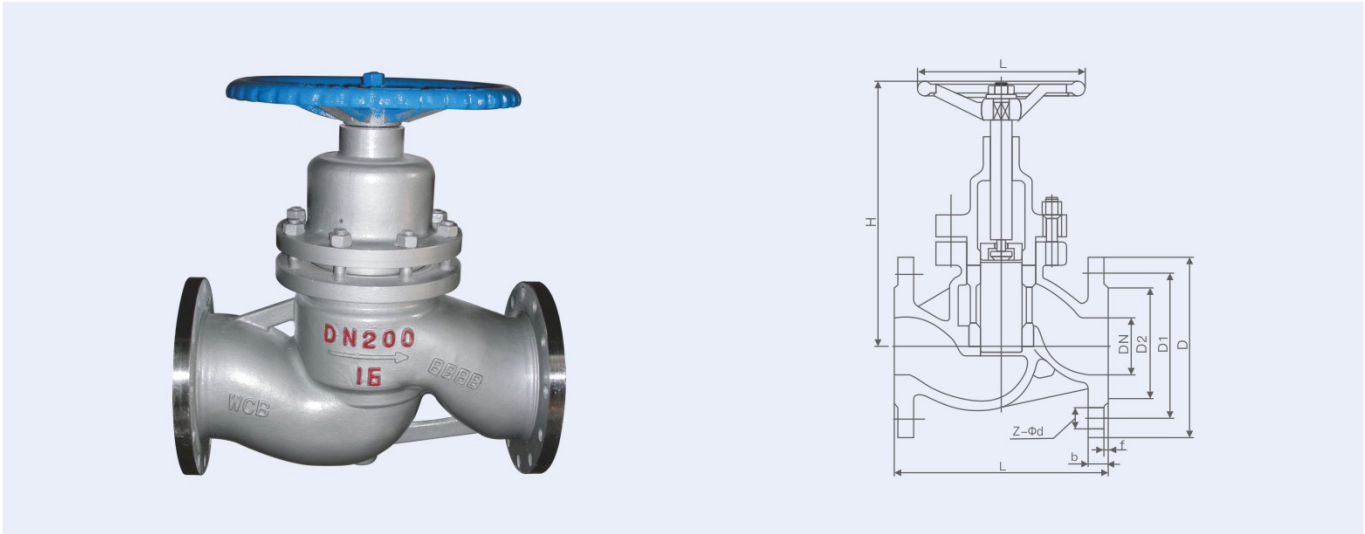
型号 Model	公称压力 PN(MPa)	试验压力Ps(MPa) Test pressure		工作温度℃ Working temperature	适用介质 Applicable medium
		壳体 Shell	密封 Seal		
J41F4-16	1.6	2.4	1.76	≤180	除熔融碱金属、三氟化氯、元素氟以外的强酸、强碱、强氧化剂及各种有机溶剂 In addition to alkali metal melting, three fluoride chloride, element fluorine outside of the strong acid, strong alkali, strong oxidizer and various kinds of organic solvent
J41F46-16				≤160	

主要外形连接尺寸 Main Boundary Connection Dimensions

公称通径(DN) Nominal diameter	L	D	D1	D2	b	f	H	H1	D0	Z-φd
15	130	95	65	45	16	2	240	265	100	4-φ14
20	150	105	75	58	18	2	240	265	100	4-φ14
25	160	115	85	68	18	2	240	265	120	4-φ14
32	180	140	100	78	18	2	260	290	140	4-φ18
40	200	150	110	88	18	2	290	325	140	4-φ18
50	230	165	125	102	18	2	300	335	160	4-φ18
65	290	185	145	122	18	2	355	400	180	8-φ18
80	310	200	160	138	20	2	400	450	240	8-φ18
100	350	220	180	158	20	2	495	455	240	8-φ18
125	400	250	210	188	22	2	530	560	280	8-φ18
150	480	285	240	212	22	2	650	605	320	8-φ22
200	600	340	295	268	24	2	650	770	360	12-φ22
250	650	405	355	320	26	2	690	810	400	12-φ26

注：本表中法兰尺寸按HG/T20592标准，结构长度按GB/T 12221标准。
Note: The dimensions of flanges in this table are HG/T20592 standard, and the Face to Face is GB/T 12221 standard.

法兰式柱塞截止阀
FLANGED PLUNGER GLOBE VALVE



主要特点及用途 Main Feature and Use

柱塞截止阀结合柱塞阀的无泄漏优点和截止阀启闭快的特点，成为一种结构新颖，用途广泛的新产品。密封环采用回弹性强，耐磨性高的无毒新型密封材料，所以密封可靠，经久耐用。从而提高了柱塞截止阀的使用寿命。

The plunger globe valve combines the advantages of no leakage of the plunger valve and the fast opening and closing of the globe valve, becoming a new product with a novel structure and a wide range of applications. The sealing ring adopts a non-toxic new sealing material with strong resilience and high wear resistance, so the sealing is reliable and durable. This improves the service life of the plunger globe valve.

执行标准 Execution Standard

设计与制造标准 Standard	结构长度 Face to Face Dimisension	法兰连接尺寸 Flange Dimensions	压力试验 PS Test pressure &Inspect
GB/T 12235	GB/T 12221	GB/T 9113	GB/T 13927

主要零部件材料及适用范围 Standard Material Specifications

零部件名称 Parts name	阀体、阀盖 Body、Cover	柱塞、阀杆 Disc、Stem	密封圈 Seat	阀杆螺母 Stem nut
材质 Material	铸铁、铸钢、不锈钢 Cast iron, cast steel, stainless steel	不锈钢 Stainless steel	四氟乙烯加柔性石墨 PTFE、Gentle、graphite	铝青铜 Al bronze
适用温度 Applicable temperature	≤ 250℃			
适用介质 Applicable medium	水、蒸汽、油品等 Water, steam, oil, etc			

主要外形连接尺寸 Main Boundary Connection Dimensions

PN16/PN25

DN	外形尺寸 Outline Size			法兰连接尺寸 Flange connection					
				PN16			PN25		
	L	H	D0	D	D1	Z-φd	D	D1	Z-φd
15	130	133	100	95	65	4-14	95	65	4-14
20	150	170	100	105	75	4-14	105	75	4-14
25	160	178	120	115	85	4-14	115	85	4-14
32	180	195	140	140	100	4-18	140	100	4-18
40	200	230	160	150	110	4-18	150	110	4-18
50	230	250	180	165	125	4-18	165	125	4-18
65	290	272	200	185	145	8-18	185	145	8-18
80	310	300	240	200	160	8-18	200	160	8-18
100	350	312	280	220	180	8-18	235	190	8-22
125	400	365	320	250	210	8-18	270	220	8-26
150	480	400	350	285	240	8-22	300	250	8-26
200	600	460	450	340	295	12-22	360	310	12-26
250	650	940	500	405	355	12-26	425	370	12-30
300	698	985	550	460	430	12-26	485	430	16-30
350	787	1100	600	520	470	16-26	555	490	16-33
400	914	1395	700	580	525	16-30	620	550	16-36

丝扣截止阀
THREADED GLOBE VALVE

美标内螺纹截止阀 API Internal Thread Globe valve

主要零件材料 Main Parts and Materials

No.	部件 Parts	材质 Material
1	阀体 Body	ASTM A351 CF8M
2	阀盖 Bonnet	ASTM A351 CF8M
3	中轴 Stem	S.S.316 304
4	中塞 Disc	S.S.316 304
5	六角帽 Packing nut	S.S.316 304
6	压盖 Gland	S.S.304
7	中口 Packing	R-PTFE
8	手轮 Handwheel	ASTM B85
9	中轴螺帽 Stem nut	S.S.304
10	铭牌 Name plate	ALUMINUM ALLOY
11	垫圈 Washer	S.S.304
12	密封圈 Sealing ring	R-PTFE

主要外形连接尺寸 Main Boundary Connection Dimensions

J11W-200Lb

NPS(in)	L	H	W	G
1/2"	59	90	63	19
3/4"	69	96	63	24
1"	78	100	72	31
1-1/4"	89	113	78	39
1-1/2"	103	132	98	45
2"	118	143	98	57

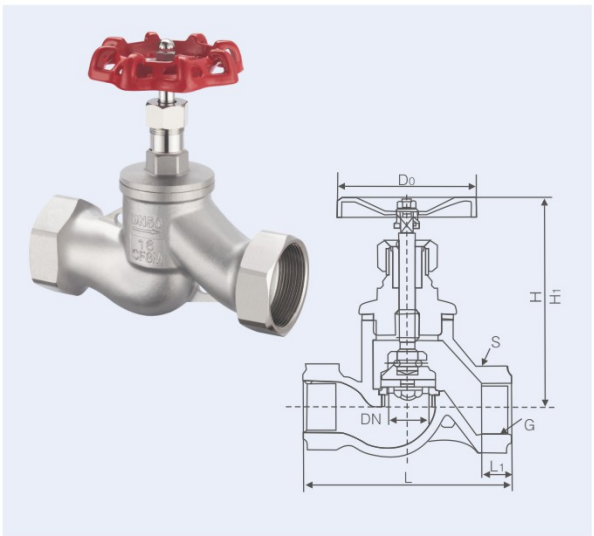
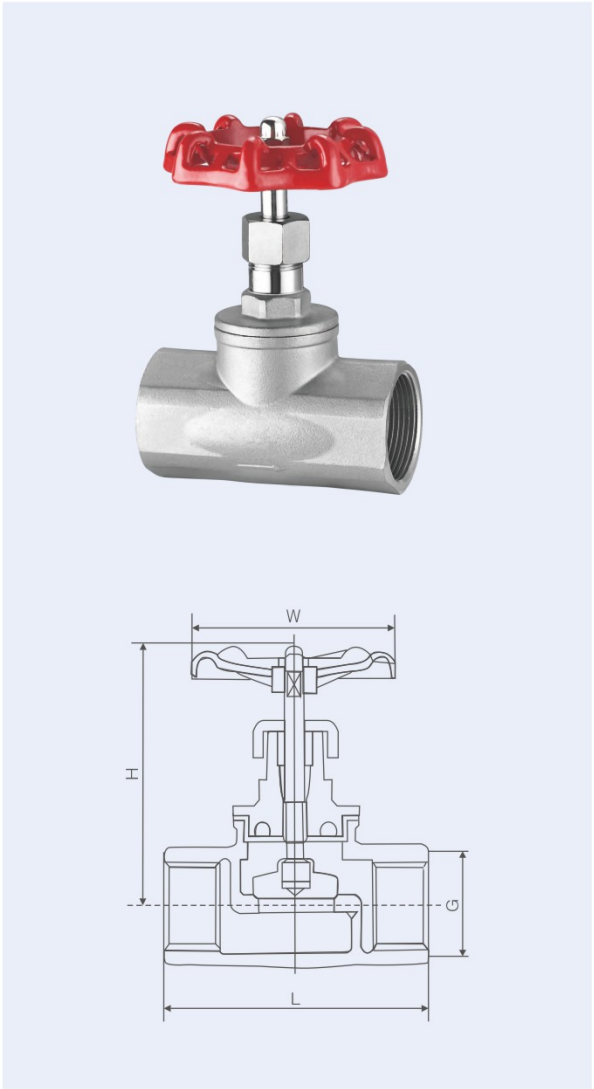
不锈钢内螺纹截止阀
Stainless Steel Internal Thread Globe Valve

主要外形连接尺寸 Main Boundary Connection Dimensions

J11W-16P

DN(mm)	G(in)	L	L1	S	H	H1	D0
15	G1/2	90	14	32	109	117	65
20	G3/4	100	16	36	109	117	65
25	G1	120	18	46	132	142	80
32	G1 1/4	140	20	55	156	168	100
40	G1 1/2	170	22	65	167	182	100
50	G2	200	24	80	182	200	120

注：本表中结构长度按GB/T 12221标准。
Note: The Face to Face in this table is in accordance with GB/T 12221 standard.



止回阀系列

CHECK VALVE
SERIES

Leading the
Global Valve Industry.

国标旋启式止回阀

GB SWING CHECK VALVE

产品用途 Product Usage

旋启式止回阀适用于压力PN1.6~42.0MPa, 工作温度-46℃~570℃的石油、化工、制药、化肥、电力行业等各种工况的管路上, 防止介质的倒流。

Swing check valve are used in pipes under pressures between PN1.6~42.0MPa, working tempertures between -46℃~570℃, they are used in industries include oil, chemistry, pharmaceutical, fertilizer, and power generation to prevent the backflow flux of the media.

产品特点 Product Features

- 1、产品结构合理、密封可靠、性能优良、造型美观;
- 2、密封面堆焊Co基硬质合金, 耐磨、耐蚀、抗擦伤性能好、使用寿命长;
- 3、内装式的销轴结构, 减小外泄漏点, 使用可靠;
- 4、当压力≥16.0MPa时, 阀门中腔采用自紧式密封结构, 介质压力越高, 密封性能越好;
- 5、零件材质及法兰、对焊端尺寸可根据实际工况或用户要求合理选配, 满足各种工程需要。

- 1. Rational structure, reliable sealing, excellent performance, pretty appearance;
- 2. Co-radix alloy welded sealing surface, anti-wearing, erosion-proof abrasion-proof and longer use life;
- 3. Inside-set bolt-bearing structure reduces leakage and reliable use;
- 4. When pressures≥16.0MPa the valve belly, self-tightening structure offers a tighter sealing for a higher medium pressure;
- 5. Different parts materials and different sizes for flange, butt-welding are available for sensible combination according to different working facts and customers' requirements.

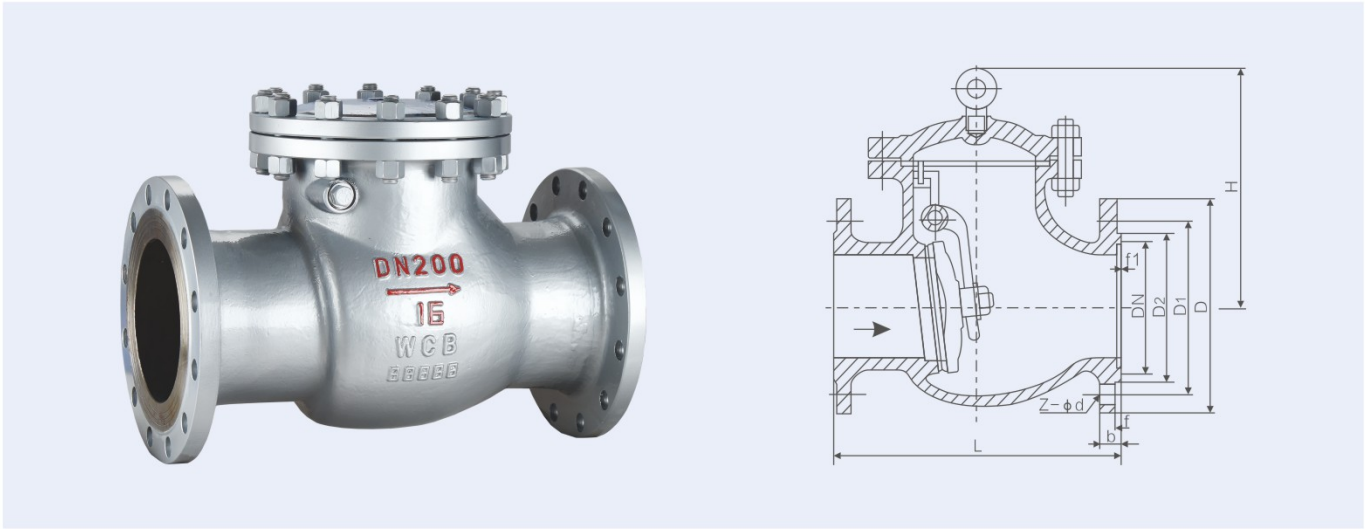
主要性能规范 Main Performance Specifications

设计标准 Design standard		GB/T 12236					
压力-温度 Pressure-temp		GB/T 12224					
结构长度 Face to Face		GB/T 12221、 GB/T 15188.1					
连接法兰 Flange end		GB/T 9113、 JB/T 79、 HG/T 20592					
对焊端连接 Buttwelding end		GB/T 12224					
试验与检验 Test & check		JB/T 9092 GB/T13927					
试验压力(MPa) Test pressure	公称压力 Norminal pressure	PN1.6	PN2.5	PN4.0	PN6.4	PN10.0	PN16.0
	壳体试验 Shell test	2.4	3.75	6.0	9.6	15.0	24.0
	高压密封 High pressure seal test	1.76	2.75	4.4	7.04	11.0	17.6
	低压密封 Low pressure seal test	0.6					

主要零件材料 Main Parts and Materials

零件名称 Part name	碳钢 Carbon steel	不锈钢 Stainless steel	合金钢 Alloy steel	低温钢 Cryogenic steel
阀体 Body	WCB	CF8	WC6	LCB
阀座 Seat	25#	0Cr18Ni9(304)	0Cr18Ni9(304)	0Cr18Ni9(304)
阀瓣 Disc	WCB	CF8	WC6	LCB
摇杆 Rocker	WCB	CF8	WC6	LCB
销轴 Pin	1Cr13	0Cr18Ni9(304)	0Cr18Ni9(304)	0Cr18Ni9(304)
连接架 Connector	WCB	CF8	WC6	LCB
垫片 Gasket	柔性石墨 Flexible graphite +SS304	柔性石墨 Flexible graphite +SS304	柔性石墨 Flexible graphite +SS304	柔性石墨 Flexible graphite +SS304
阀盖 Bonnet	WCB	CF8	WC6	LCB
双头螺柱 Stud	35CrMoA	0Cr18Ni9(304)	35CrMoA	35CrMoA
螺母 Nut	45#	0Cr18Ni9(304)	35CrMoA	35CrMoA

国标旋启式止回阀
GB SWING CHECK VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions PN1.6MPa

DN(mm)	L	D	D ₁	D ₂	b	f	Z-φ d	H	WT (kg)
50	230	160	125	100	16	3	4-φ 18	135	21
65	290	180	145	120	18	3	4-φ 18	142	28
80	310	195	160	135	20	3	8-φ 18	165	38
100	350	215	180	155	20	3	8-φ 18	180	58
125	400	245	210	185	22	3	8-φ 18	210	92
150	480	280	240	210	24	3	8-φ 23	233	130
200	550	335	295	265	26	3	12-φ 23	304	210
250	650	405	355	320	30	3	12-φ 25	348	294
300	750	460	410	375	30	4	12-φ 25	390	367
350	850	520	470	435	34	4	16-φ 25	430	410
400	950	580	525	485	36	4	16-φ 30	468	461
500	1150	705	650	608	44	4	20-φ 34	525	850

主要外形连接尺寸 Main Boundary Connection Dimensions PN2.5MPa

DN(mm)	L	D	D ₁	D ₂	b	f	Z-φ d	H	WT (kg)
50	230	160	125	100	20	3	4-φ 18	160	22
65	290	180	145	120	22	3	8-φ 18	175	29
80	310	195	160	135	22	3	8-φ 18	185	38
100	350	230	190	160	24	3	8-φ 23	220	61
125	400	270	220	188	28	3	8-φ 25	248	96
150	480	300	250	218	30	3	8-φ 25	276	132
200	550	360	310	278	34	3	12-φ 25	350	213
250	650	425	370	332	36	3	12-φ 30	410	297
300	750	485	430	390	40	4	16-φ 30	430	372
350	850	550	490	448	44	4	16-φ 34	518	415
400	950	610	550	505	48	4	16-φ 34	560	480
500	1150	730	660	610	52	4	20-φ 36	618	920

注：本表中法兰尺寸按JB/T 79标准，结构长度按GB/T 12221标准。
Note: The dimensions of flanges in this table are JB/T 79 standard, and the Face to Face is GB/T 12221 standard.

国标旋启式止回阀
GB SWING CHECK VALVE

主要外形连接尺寸 Main Boundary Connection Dimensions PN4.0MPa

DN(mm)	L	D	D ₁	D ₂	D ₆	b	f	F ₁	Z-φ d	H	WT (kg)
50	230	160	125	100	99	20	3	4	4-φ 18	169	22
65	290	180	145	120	118	22	3	4	8-φ 18	173	29
80	310	195	160	135	132	22	3	4	8-φ 18	185	38
100	350	230	190	160	156	24	3	4.5	8-φ 23	220	61
125	400	270	220	188	184	28	3	4.5	8-φ 25	248	96
150	480	300	250	218	211	30	3	4.5	8-φ 25	270	132
200	550	375	320	282	284	38	3	4.5	12-φ 30	342	213
250	650	445	385	345	345	42	3	4.5	12-φ 34	401	297
300	750	510	450	408	409	46	4	4.5	16-φ 34	423	372
350	850	570	510	465	465	52	4	5	16-φ 34	455	415
400	950	655	585	535	535	58	4	5	16-φ 41	510	480

主要外形连接尺寸 Main Boundary Connection Dimensions PN6.4MPa

DN(mm)	L	D	D ₁	D ₂	D ₆	b	f	F ₁	Z-φ d	H	WT (kg)
50	300	175	135	105	88	26	3	4	4-φ 23	177	27
65	340	200	160	130	110	28	3	4	8-φ 23	197	37
80	380	210	170	140	121	30	3	4	8-φ 23	212	57
100	430	250	200	168	150	32	3	4.5	8-φ 25	248	89
125	500	295	240	202	176	36	3	4.5	8-φ 30	296	135
150	550	340	280	240	204	38	3	4.5	8-φ 34	380	184
200	650	405	345	300	260	44	3	4.5	12-φ 34	385	266
250	775	470	400	352	313	48	3	4.5	12-φ 41	445	396
300	900	530	460	412	364	54	4	4.5	16-φ 41	474	643
350	1025	595	525	475	422	60	4	5	16-φ 41	514	815
400	1150	670	585	525	474	66	4	5	16-φ 48	616	1234

注：本表中法兰尺寸按JB/T 79标准，结构长度按GB/T 12221标准。
Note: The dimensions of flanges in this table are JB/T 79 standard, and the Face to Face is GB/T 12221 standard.

国标升降式止回阀
GB LIFT CHECK VALVE

产品用途 Product Usage

国标升降式止回阀适用于公称压力PN1.6~16.0MPa，工作温度-46~550℃的石油、化工、制药、化肥、电力行业等各种工况的管路上，防止介质的倒流。

GB Lift check valve are used in pipes under nominal pressures between PN1.6~16.0MPa, working temperatures between-46~550℃,They are used in industries include oil, chemistry, pharmaceutical, fertilizer,and powergeneration to prevent the backflow flux of the media.

产品特点 Product Features

- 1、产品结构合理、密封可靠、性能优良、造型美观；
- 2、阀瓣、阀座密封面堆焊Co基硬质合金，耐磨、耐蚀、抗擦伤性能好、使用寿命长；
- 3、零件材质及法兰、垫片尺寸可根据实际工况或用户要求合理选配，满足各种工程需要。

- 1. Rational structure, reliable sealing, excellent performance, pretty appearance;
- 2. Co hard alloy welded sealing surface of the discs and seats, which is wearing resistant, erosion proof, abrasion proofandlong-lived;
- 3. The material of parts, flange and gasket size can be reasonably selected according to the actual working conditions or user requirements to meet various engineering needs.

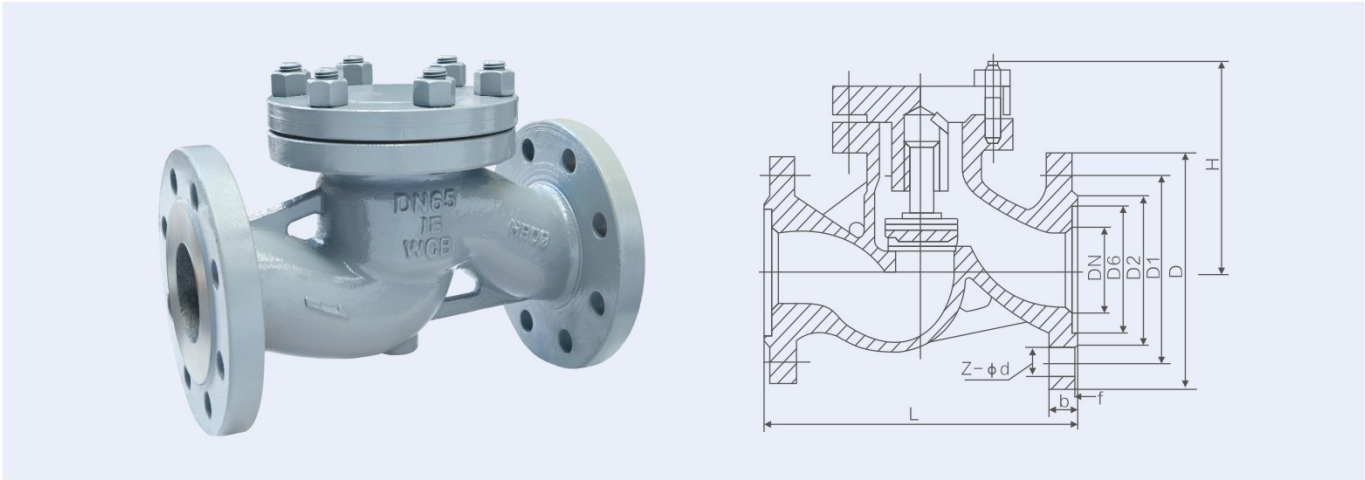
主要性能规范 Main Performance Specifications

设计标准 Design standard		GB/T 12235				
压力-温度 Pressure-temp		GB/T 12224				
结构长度 Face to Face		GB/T 12221				
连接法兰 Flange end		GB/T 9113、JB/T 79、HG/T 20592				
试验与检验 Test & check		GB/T 26480、GB/T 13927				
试验压力(MPa) Test pressure	公称压力 Nominal pressure	PN1.6	PN2.5	PN4.0	PN6.4	PN10.0
	壳体试验 Shell test	2.4	3.75	6.0	9.6	15.0
	高压密封 High pressure seal test	1.76	2.75	4.4	7.04	11.0
	低压密封 Low pressure seal test	0.6				

主要零件材料 Main Parts and Materials

序号 No.	零件名称 Part name	碳钢 Carbon steel	不锈钢 Stainless steel	合金钢 Alloy steel	低温钢 Cryogenic steel
1	阀体 Body	WCB	CF8	WC6	LCB
2	阀瓣 Disc	WCB	CF8	WC6	LCB
3	垫片 Gasket	柔性石墨 Flexible graphite +SS304	柔性石墨 Flexible graphite +SS304	柔性石墨 Flexible graphite +SS304	柔性石墨 Flexible graphite +SS304
4	阀盖 Bonnet	WCB	CF8	WC6	LCB
5	双头螺柱 Stud	35CrMoA	0Cr18Ni9(304)	35CrMoA	35CrMoA
6	螺母 Nut	45#	0Cr18Ni9(304)	35CrMoA	35CrMoA
7	弹簧 Spring	60S12Mn	0Cr18Ni9 (304)	0Cr18Ni9 (304)	0Cr18Ni9(304)

国标升降式止回阀
GB LIFT CHECK VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

PN1.6MPa

DN(mm)	L	D	D ₁	D ₂	b-f	Z-φ d	H	WT (kg)
15	130	95	65	45	14-2	4-φ 14	77	3
20	150	105	75	55	14-2	4-φ 14	77	4
25	160	115	85	65	14-2	4-φ 14	80	5
32	180	135	100	78	16-2	4-φ 18	85	7
40	200	145	110	85	16-3	4-φ 18	95	9
50	230	160	125	100	16-3	4-φ 18	105	10
65	290	180	145	120	18-3	4-φ 18	120	20
80	310	195	160	135	20-3	8-φ 18	130	30
100	350	215	180	155	20-3	8-φ 18	140	39
125	400	245	210	185	22-3	8-φ 18	155	50
150	480	280	240	210	24-3	8-φ 23	180	70
200	600	335	295	265	26-3	12-φ 23	215	161

主要外形连接尺寸 Main Boundary Connection Dimensions

PN2.5MPa

DN(mm)	L	D	D ₁	D ₂	b-f	Z-φ d	H	WT (kg)
15	130	95	65	45	16-2	4-φ 14	100	3.4
20	150	105	75	55	16-2	4-φ 14	105	5
25	160	115	85	65	16-2	4-φ 14	120	5.7
32	180	135	100	78	18-2	4-φ 18	130	9.1
40	200	145	110	85	18-3	4-φ 18	135	11.8
50	230	160	125	100	20-3	4-φ 18	149	14.4
65	290	180	145	120	22-3	8-φ 18	160	23
80	310	195	160	135	22-3	8-φ 18	169	30
100	350	230	190	160	24-3	8-φ 23	194	44
125	400	270	220	188	28-3	8-φ 25	222	65
150	480	300	250	218	30-3	8-φ 25	255	99
200	600	360	310	278	34-3	12-φ 25	305	190

注：本表中法兰尺寸按JB/T 79标准，结构长度按GB/T 12221标准。
Note: The dimensions of flanges in this table are JB/T 79 standard, and the Face to Face is GB/T 12221 standard.

国标升降式止回阀
GB LIFT CHECK VALVE

主要外形连接尺寸 Main Boundary Connection Dimensions

PN4.0MPa

DN(mm)	L	D	D ₁	D ₂	D ₆	b-f	Z-φ d	H	WT (kg)
15	130	95	65	45	40	16-2	4-φ 14	100	4
20	150	105	75	55	51	16-2	4-φ 14	105	5.5
25	160	115	85	65	58	16-2	4-φ 14	120	6
32	180	135	100	78	66	18-2	4-φ 18	130	12
40	200	145	110	85	76	18-3	4-φ 18	135	14
50	230	160	125	100	88	20-3	4-φ 18	149	18
65	290	180	145	120	110	22-3	8-φ 18	160	27
80	310	195	160	135	121	22-3	8-φ 18	169	36
100	350	230	190	160	150	24-3	8-φ 23	194	50
125	400	270	220	188	176	28-3	8-φ 25	225	75
150	480	300	250	218	204	30-3	8-φ 25	255	119
200	600	375	320	282	260	38-3	12-φ 30	305	217

主要外形连接尺寸 Main Boundary Connection Dimensions

PN6.4MPa

DN(mm)	L	D	D ₁	D ₂	D ₆	b-f	Z-φ d	H	WT (kg)
15	165	105	75	55	40	18-2	4-φ 14	100	7
20	190	125	90	68	51	20-2	4-φ 18	110	11
25	216	135	100	78	58	22-2	4-φ 18	125	13
32	229	150	110	82	66	24-2	4-φ 23	140	14
40	241	165	125	95	76	24-3	4-φ 23	168	20
50	300	175	135	105	88	26-3	4-φ 23	170	23
65	340	200	160	130	110	28-3	8-φ 23	188	37
80	380	210	170	140	121	30-3	8-φ 23	205	46
100	430	250	200	168	150	32-3	8-φ 25	230	68
125	500	295	240	202	176	36-3	8-φ 30	265	89
150	550	340	280	240	204	38-3	8-φ 34	312	131
200	600	405	345	300	260	44-3	12-φ 34	353	235

注：本表中法兰尺寸按JB/T 79标准，结构长度按GB/T 12221标准。
Note: The dimensions of flanges in this table are JB/T 79 standard, and the Face to Face is GB/T 12221 standard.

锻钢止回阀
FORGED STEEL CHECK VALVE

产品用途 Product Usage

国标锻钢止回阀适用于工作温度 -29~425℃(碳钢)或 -29~500℃(不锈钢)的小口径管路上，用于截断或接通管路中的介质，选用不同的材质，可分别适用于水、汽、油品、硝酸、醋酸、氧化性介质、尿素等多种介质。
GB Forged steel check valve is suitable for the working temperature -29~425℃ (carbon steel) or -29~500℃ (stainless steel) of small diameter pipe road, used to truncate or through line in the medium, choose different material, can be respectively suitable for water, steam,oil, nitric acid, aceticacid, oxidizing medium, urea, and other media.

分类和特点 Category and Features

- 1、全径或缩径；

2、升降式止回阀；

3、球式止回阀；

4、旋启式止回阀；

5、按需求内置弹簧；

6、螺栓连接、缠绕垫片密封式阀盖，螺纹连接、全焊密封式阀盖以及螺纹连；

7、接内压自紧式阀盖；

8、整体式上密封座；

9、承插端符合ASME B16.11；

10、螺纹连接端（NPT）符合ANSI/ASME B1.20.1；

11、阀瓣可变换为节流型、针型、球型。
- 1.Full bore or reduce bore;

2.Lift check valve;

3.The ball type check valve;

4.Swing check valves;

5.According to the demand for the built-in spring;

6.Bolt connection, winding gasket sealed cover, threaded connections,All-welded sealed cover and screw thread connection ;

7.The internal pressure self-tightening type bonnet;

8.Integral seal seat ;

9.The socket end in accordance with ASME B16.11;

10.The threaded end (NPT) in accordance with ANSI/ASME B1.20.1;

11.The disc can transform to throttling, needle, ball type.

执行标准 Execution Standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to Face	连接法兰 Flange end	试验与检验 Test & check	压力-温度 Pressure-temp
	JB/T7746	GB/T 12221	GB/T 9113、JB/T 79 HG/T 20592	GB/T 26480 GB/T 13927	GB/T 12224

主要性能规范 Main Performance Specifications

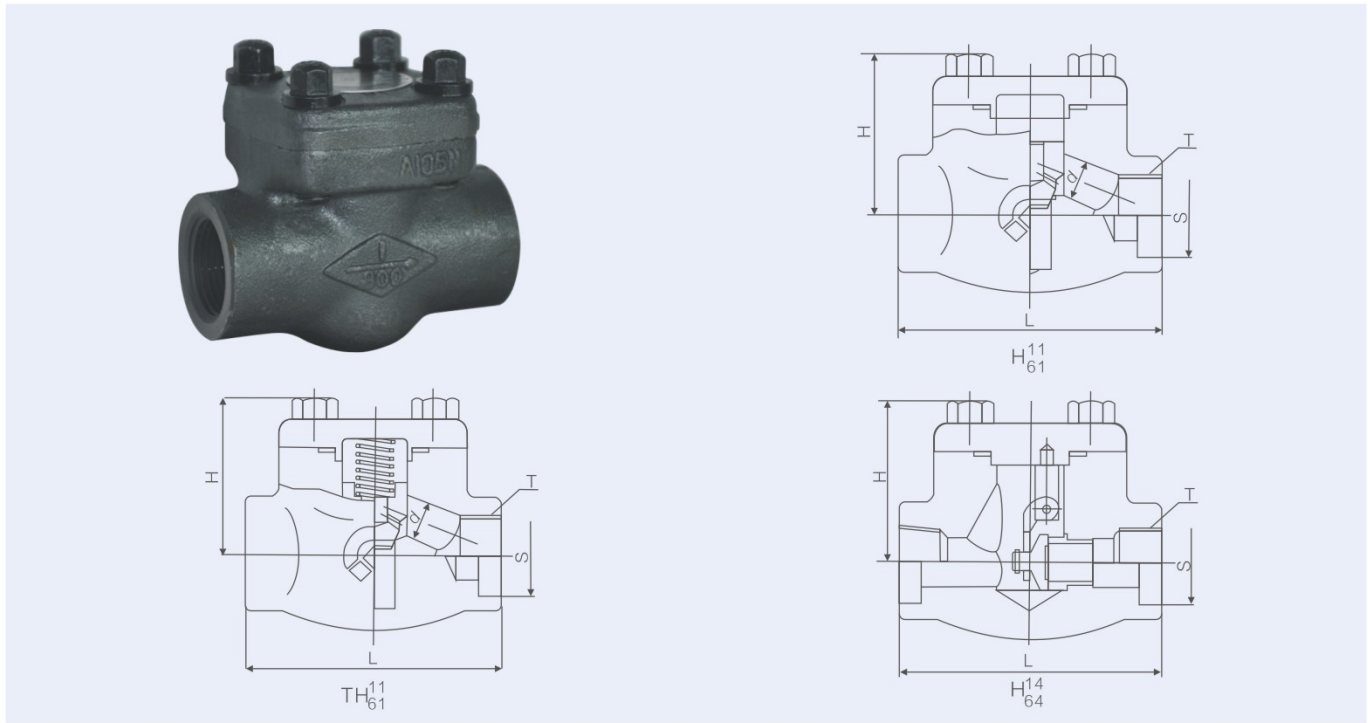
公称压力 Nominal pressure	试验项目 Teat item	强度试验 Strength test	密封试验 Seal test	气密封试验 Air seal test	适用介质 Applicable medium
1.6		2.4	1.76	0.6	水、油品、 蒸汽、硝酸类 Water、oil steam、Nitric acid
2.5		3.8	2.76		
4.0		6.0	4.4		
6.4		9.6	7.04		
10.0		15.0	11.0		
16.0		24.0	17.6		

主要零件材料 Main Parts and Materials

零件名称 Part name	零部件材料 Part material	
阀体/阀盖 Body,bonnet	A105	1Cr18Ni9Ti
阀瓣 Disc	20Cr13	1Cr18Ni9Ti
阀杆 Stem	20Cr13	1Cr18Ni9Ti
密封圈 Seal ring	1Cr13+HF	1Cr18Ni9Ti+STL
垫片 Gasket	柔性石墨 Flexible graphite	
螺栓 Bolt	35/35CrMo	1Cr18Ni9Ti

锻钢内螺纹、承插焊止回阀

FORGED STEEL INTERNAL THREAD, SOCKET WELDING CHECK VALVE



应用规范 Application Specification

- 设计制造: ASME/ANSI B16.34; API 602; JB/T7746
- 连接端尺寸:
 - 承插焊端: ASME/ANSI B16.11 JB/T1751
 - 螺纹端: ASME/ANSI B1.20.1 GB/T7306
- 结构特征: B.C或W.C; 旋启或升降
- 主体材料: A105; LF2;F5;F11;F22;F304; F316; F304L; F316L
- 阀门检验和试验: API 598; GB/T13927

- Design and manufacturing: ASME/ANSI B16.34;API 602; JB/T7746
- Connection end dimension:
 - Socket weld end: ASME/ANSI B16.11, JB/T1751
 - Threaded end: ASME/ANSI B1.20.1 GB/T7306
- Structure characteristic: B.C or W.C; Swing or lift
- Main body material: A105;LF2;F5;F11;F22;F304;F316;F304L;F316L
- Valve inspection and testing: API 598;GB/T13927

主要外形连接尺寸 Main Boundary Connection Dimensions

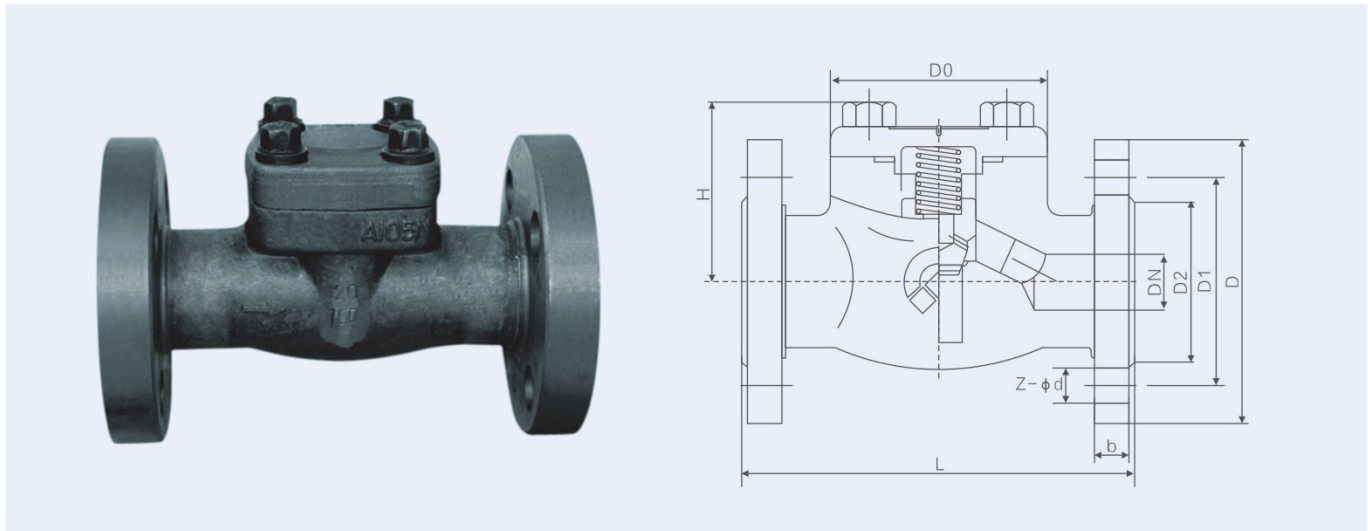
PN16.0~25.0 MPa;Calss 900~1500Lb

NPS(in)		1/2	3/4	1	1 1/4	1 1/2	2
DN(mm)		15	20	25	32	40	50
d(全径 Full bore F.P)		13	18	24	29	36.5	46.5
L	升降式 Lift	111	111	130	152	172	220
	旋启式 Swing	111	111	120	140	140	162
H	升降式 Lift	79	97	104	120	139	158
	旋启式 Swing	79	97	115	133	149	166

说明: 带弹簧的升降式止回阀具有水平或垂直安装的功能。产品型号前加“T”表示。例如: TH11H-160。
Description: the lift check valve with spring has the function of horizontal or vertical installation. "T" is added before the product model. For example: TH11H-160.

美标/国标锻钢法兰止回阀

API,GB FORGED STEEL FLANGE CHECK VALVE



应用规范 Application Specification

- 设计制造: ASME/ANSI B16.34; API 602; JB/T7746
- 结构长度: ASME/ANSI B16.10; GB/T12221 GB/T9113
- 法兰端尺寸: ASME/ANSI B16.5; JB/T82.1~82.2 HG/T20592
- 结构特征: B.C; 弹簧升降; 活塞式升降或旋启式
- 主体材料: A105;LF2;F5;F11;F22;F304;F316;F304L;F316L
- 阀门检验和试验: API 598; GB/T13927

- Design and manufacturing: ASME/ANSI B16.34; API 602; JB/T7746
- Face to face: ASME/ANSI B16.10; GB/T12221; GB/T9113
- Flange end dimension: ASME/ANSI B16.5; JB/T82.1~82.2; HG/T20592
- Structure characteristic: B.C; Spring lift; Piston movements or swing
- Main body material: A105;LF2;F5;F11;F22;F304;F316;F304L;F316L
- Valve inspection and testing: API 598; GB/T13927

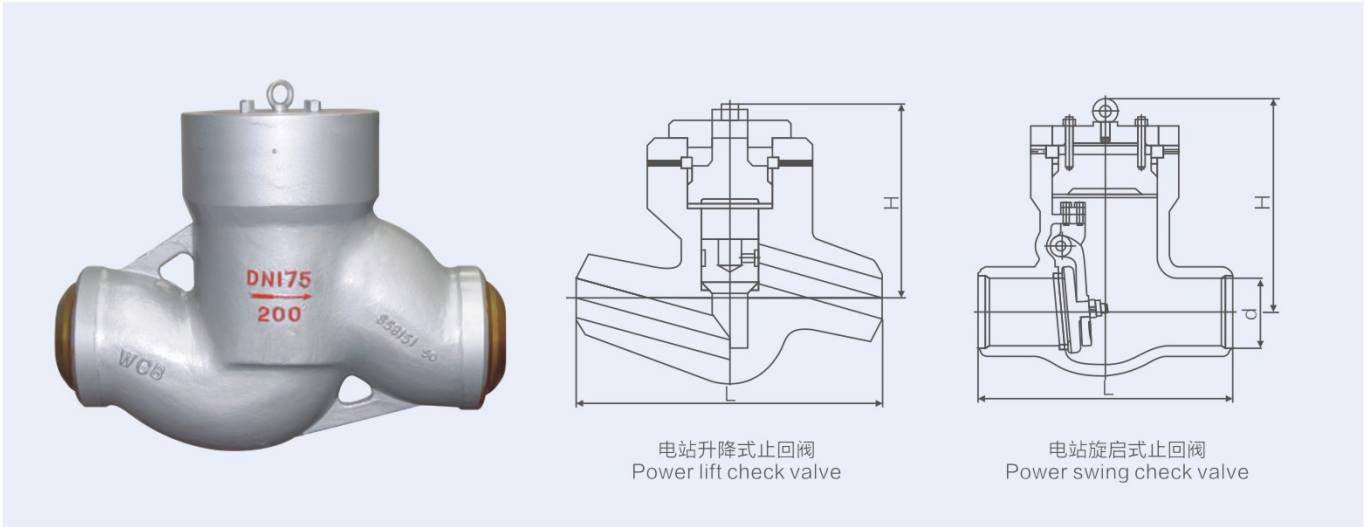
主要外形连接尺寸 Main Boundary Connection Dimensions

PN1.6~10MPa;Calss 150~600Lb

NPS(in)		1/2	3/4	1	1 1/4	1 1/2	2
DN(mm)		15	20	25	32	40	50
d(全径 Full bore)		13	18	24	29	36.5	46.5
L	150磅级 Class	108	117	127	140	165	203
	300磅级 Class	152	178	216	229	241	267
	600磅级 Class	165	190	216	229	241	292
	PN1.6~4.0	130	150	160	180	200	230
	PN6.4~10.0	165	190	216	229	241	292
H	升降式 lift	61	78	84	103	118	130
	旋启式 Swing	61	78	84	101	120	133
WT (kg)	150磅级 Class	3.4	4.4	8.2	8.9	12.0	14.3
	300磅级 Class	3.7	4.8	8.8	9.6	13.7	17.8
	600磅级 Class	4.0	5.8	9.5	10.4	15.6	24.5
	PN4.0	3.5	4.6	8.5	9.2	12.8	16.1
	PN10.0	4.3	6.1	10.0	11.4	17.0	28.7

说明: 带弹簧升降式止回阀具有水平或垂直安装的功能。产品型号前加“T”表示。例如: TH41H-40。
Description: Lifting check valve with spring has the function of horizontal or vertical installation. Add "T" before the product model. For example: TH41H-40.

电站升降式、旋启式止回阀
POWER STATION LIFT, SWING CHECK VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

PN25MPa, 140/170V

产品名称 Product name	型号 Model	DN(mm)	L	H	WT (kg)
电站升降式止回阀 Power station lift	H61Y-250 H61Y-P54140V H61Y-P54170V H61Y-P57170V	10	120	156	2.5
		15	216	200	8.5
		20	229	210	9
		25	254	210	10
		32	279	245	14
		40	305	270	21
		50	368	300	28
		65	419	412	-
		80	470	370	-
		100	546	418	-

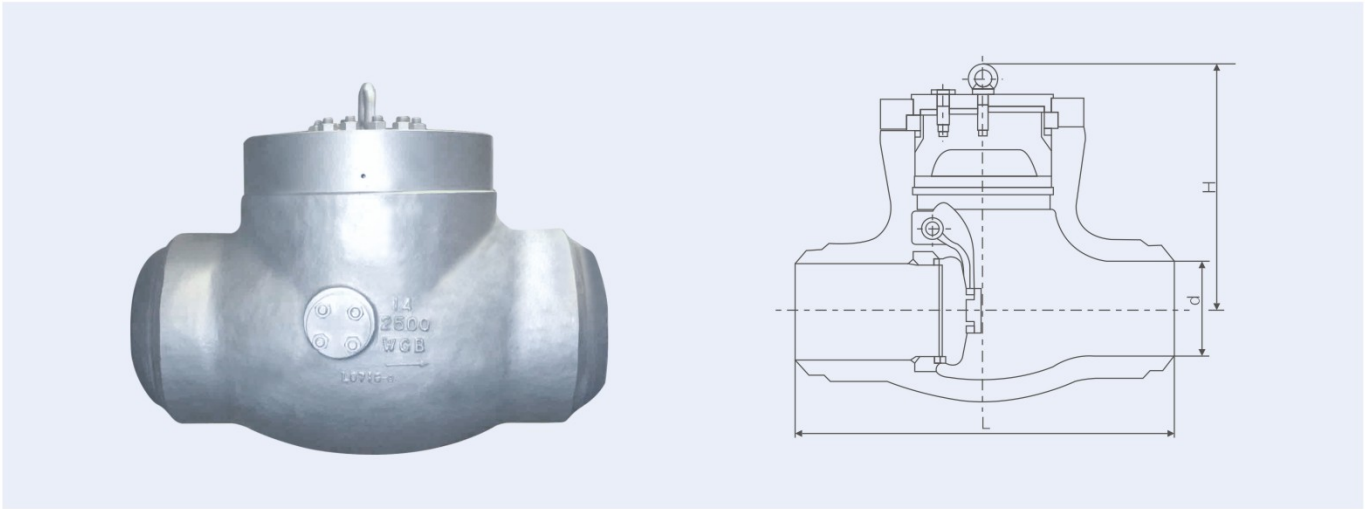
主要外形连接尺寸 Main Boundary Connection Dimensions

PN25/32MPa

产品名称 Product name	型号 Model	DN(mm)	L	H	WT (kg)
电站旋启式止回阀 Swing check valve	H61Y-250	50	368	250	50
		65	419	282	57
		80	470	325	65
		100	546	350	80
		175	900	440	180
	H61Y-320	125	794	409	170
		225	1000	550	415
		300	1270	680	1200
		350	1422	745	1638

注：本表中结构长度按GB/T 12221标准。
Note: The Face to Face in this table is in accordance with GB/T 12221 standard.

磅级电站旋启式止回阀
CLASS POWER SWING CHECK VALVE



主要零件材料 Main Parts and Materials

零件名称 Part name	材料牌号 Material mark			
阀体 Body	WCB	WC1	WC6	WC9
阀座 Seat	25	15CrMoA	12Cr1MoVA	
阀瓣 Disc	WCB	WC1	WC6	WC9
摇杆 Rocker	WCB	WC1	WC6	WC9
阀盖 Bonnet	25	15CrMoA	12Cr1MoVA	
密封环 Sealing ring	1Cr17Ni2		20CrMo1VA	
密封环 Sealing ring	S软钢(增强柔性石墨) S mild steel(reinforced flexible graphite)		S软钢 S mild steel	F软钢 F mild steel

主要外形连接尺寸 Main Boundary Connection Dimensions

H64Y-1500Lb H64Y-250/P55140V

NPS(in)	d	L	H	WT (kg)
2 1/2	62	419	282	57
3	74	470	300	57
4	100	546	350	80
5	144	673	425	115
6	144	705	400	180
8	192	832	490	270
10	239	991	540	430
12	287	1130	650	630
14	315	1257	710	1400

主要外形连接尺寸 Main Boundary Connection Dimensions

H64Y-2000Lb H64Y-320/P55170V

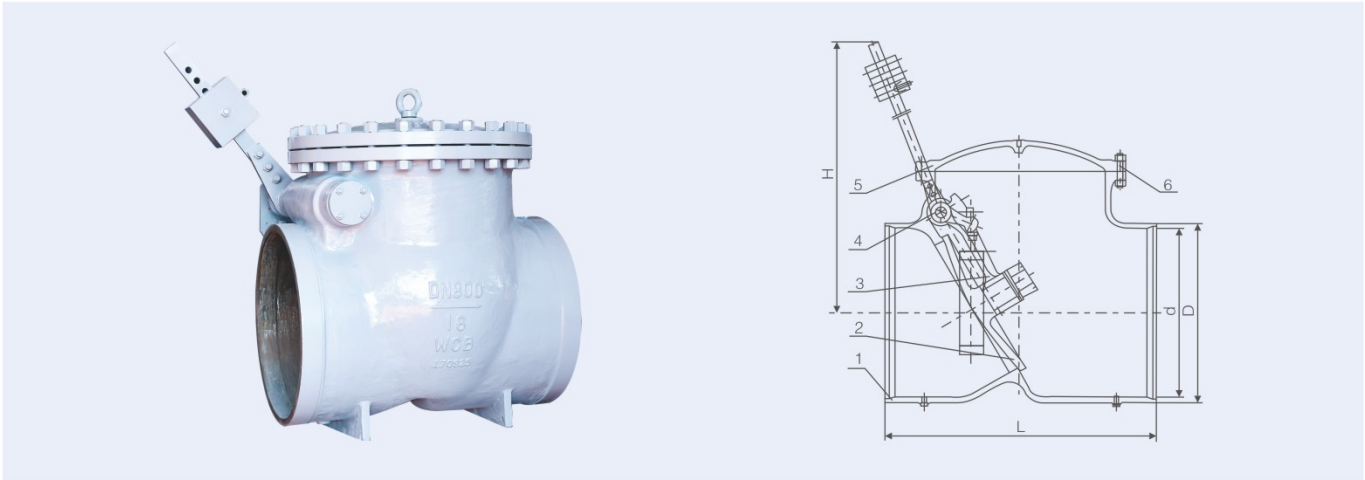
NPS(in)	d	L	H	WT (kg)
2 1/2	50	330	240	40
3	60	368	305	60
4	80	457	315	95
5	96	533	409	170
6	118	610	465	186
8	147	762	528	415
10	180	914	613	658
12	222	1041	680	1200
14	254	1118	745	1638

主要外形连接尺寸 Main Boundary Connection Dimensions

H64Y-2500Lb H64Y-420/P55250V

NPS(in)	d	L	H	WT (kg)
3	62	368	297	44
4	81	457	385	110
5	86	533	410	130
6	131	610	455	192
8	179	762	557	466
10	223	914	615	730
12	265	1041	715	1120
14	292	1118	790	1495
16	333	1245	815	1950
18	374	1397	815	2400

抽气止回阀
EXTRACTION CHECK VALVE



性能规范 Performance Specification

产品型号 Product model	公称压力 Nominal pressure	壳体试验压力 Shell test pressure	密封试验压力 Seal test pressure
H664H-150Lb	150	3.0	2.2
H664H-300Lb	300	7.5	5.5
H664-600Lb H664Y-600LbC6	600	15.0	11.0

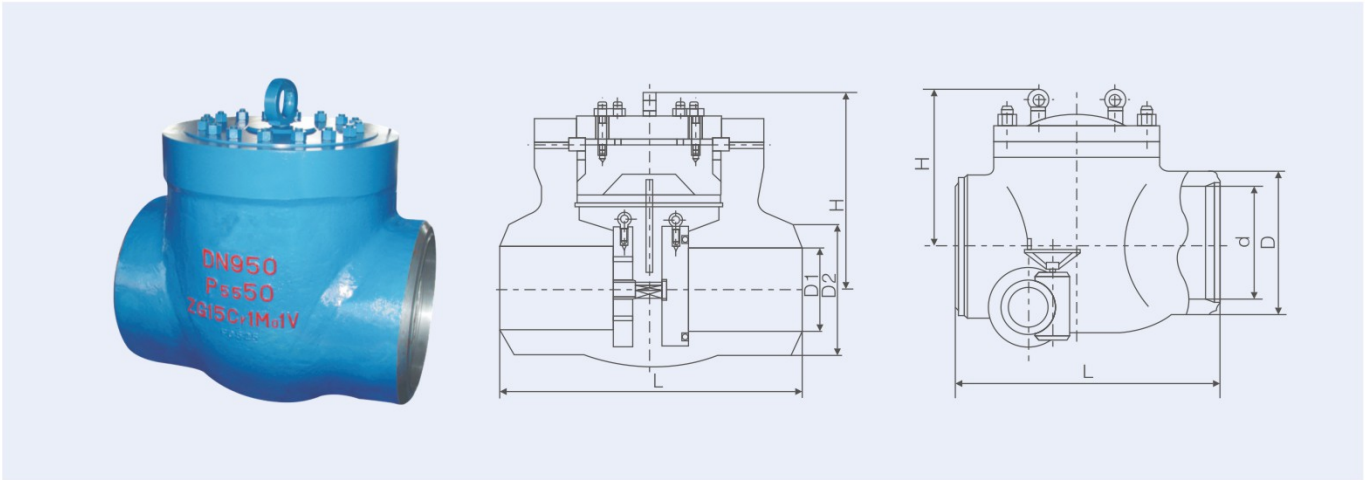
主要零件材料 Main Parts and Materials

序号 No.	零件名称 Part name	H664H-150Lb 300Lb/600Lb	H664Y-600Lb
1	阀体 Body	WCB	WC6
2	阀瓣 Disc	WCB	WC6
3	摇杆 Rocker	WCB	WC6
4	轴杆 Shaft lever	2Cr13	CrMoV
5	阀盖 Bonnet	WCB	Wc6
6	中法兰螺栓 Flange bolts	35	CrMoV
7	中法兰螺母 Flange nut	45	CrMoV

主要外形连接尺寸 Main Boundary Connection Dimensions

NPS(in)	L	d	D	H	WT (kg)
H664H150Lb H664Y150Lb					
18	740	428	476	990	620
20	790	468	520	990	759
28	1040	685	747	1240	1258
36	1448	880	934	1510	1990
42	1600	1000	1080	2080	2287
H664H300Lb H664Y300Lb					
8	526	195	239	815	236
12	610	300	354	845	1537
H664H600Lb					
10	680	250	302	904	385
20	1020	480	584	1240	1537
H664H600LbC6 H664Y600LbC6					
8	526	195	239	815	227

水压试验堵阀
WATER PRESSURE TEST VALVE



产品用途 Product Usage

安装在锅炉过热器出口，再热器入口，出口蒸汽管道上，作为进行水压试验时的隔离装置，水压后拆除内部堵板，作为管道使用，下次水压时可再次装入堵板。

Installed in boiler superheater outlet, reheater inlet and outlet steam pipes, as in testing the water pressure isolation device, hydraulic dismantled after internal wall board, used as a pipeline, water pressure can once again into the boards when next time.

产品特点 Product Features

- 1、采用压力自紧式密封结构，两端支管为焊接连接。
- 2、采用平面O型圈密封，阀座采用不锈钢堆焊而成。
- 3、水压试验时装入堵板，水压试验后取出堵板，可多次进行水压试验。

1. since the tight seal structure is adopted, and both ends of the tube for welding connection.
2. adopts flat type O ring seal, the seat is made of stainless steel welding and into.
3. when the hydrostatic test load boards, remove the boards after water pressure test, can undertake hydrostatic test many times.

主要性能规范 Main Performance Specifications

产品型号 Product model	公称压力 Nominal pressure	壳体试验压力 Shell test pressure (Mpa)	密封试验压力(MPa)
SD61X-600Lb SD364Y-600Lb	600Lb	15.0	11.0
SD61X-900LbC9 SD364Y-900LbC9	900Lb	22.5	16.5
SD61X-3000LbC9	3000Lb	47.5	34.7
SD61Y-64	6.4	9.6	7.1
SD61Y-P5450V	P5450V	15.0	6.3
SD61Y-P5464V	P5464V	15	8.0
SD61Y-P3564	P3564	15	8
SD61Y-100	10	15.0	6.5
SD61Y-P5550V	P5550V	17.25	6.5

主要外形连接尺寸 Main Boundary Connection Dimensions

DN(mm) / NPS(in)	L	d	D	H
22"SD61X-600Lb	1295	500	586	655
28"SD61X-900LbC9	1753	608	762	1012
22"SD61X-3000LbC9	1499	330	580	970
22"SD364Y-600Lb	1295	500	584	700
34"SD364Y-600Lb	1753	778	882	1044
22"SD364Y-900Lb	1455	476	570	910
28"SD364Y-900Lb	1753	608	762	1007
350SD61Y-64	900	325	410	555
400SD61H-40	950	385	465	570
450SD61Y-P5450V	1100	450	560	695
500SD61Y-P5464V	1100	460	570	705
530SD61Y-P3564	1100	515	570	734
950SD61YP5550V	1850	930	1120	1340
1000SD61Y100	1850	995	1135	1310

对夹连接升降式止回阀

WAFER TYPE PISTON-LIFT CHECK VALVE

产品用途 Product Usage

对夹连接升降式止回阀适用于压力PN1.0–16.0MPa、工作温度–196~425℃的各种工况的管路上，防止介质的倒流。

Wafer type piston-lift check valve are used in all kinds of pipes under the pressure of PN1.0–16.0MPa and working temperature of –196~425℃, of they are mainly used to prevent the backflow of the media.

产品特点 Product Features

- 1、产品结构合理，密封可靠，性能优良；

2、阀瓣，阀座密封面用堆焊硬质合金，耐磨、耐高温、耐腐蚀，使用寿命长；

3、流道通畅、流体阻力小；

4、阀瓣行程短、关阀冲击力小。
1. Reasonable product structure, reliable sealing and excellent performance;

2. Hardfacing hard alloy for sealing surface of valve disc and seat, wear resistance, high temperature resistance, corrosion resistance and long service life;

3. Unobstructed flow channel and low fluid resistance;

4. Disc stroke is short and valve closing impact is small.

执行标准 Execution Standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to Face	连接法兰 Flange end	试验与检验 Test & check	压力-温度 Pressure-temp
	JB/T8937	JB/T8937	JB/T 79、GB/T9113 HG/T20592	JB/T 9092 GB/T13927	GB/T 12224

主要零件材料 Main Parts and Materials

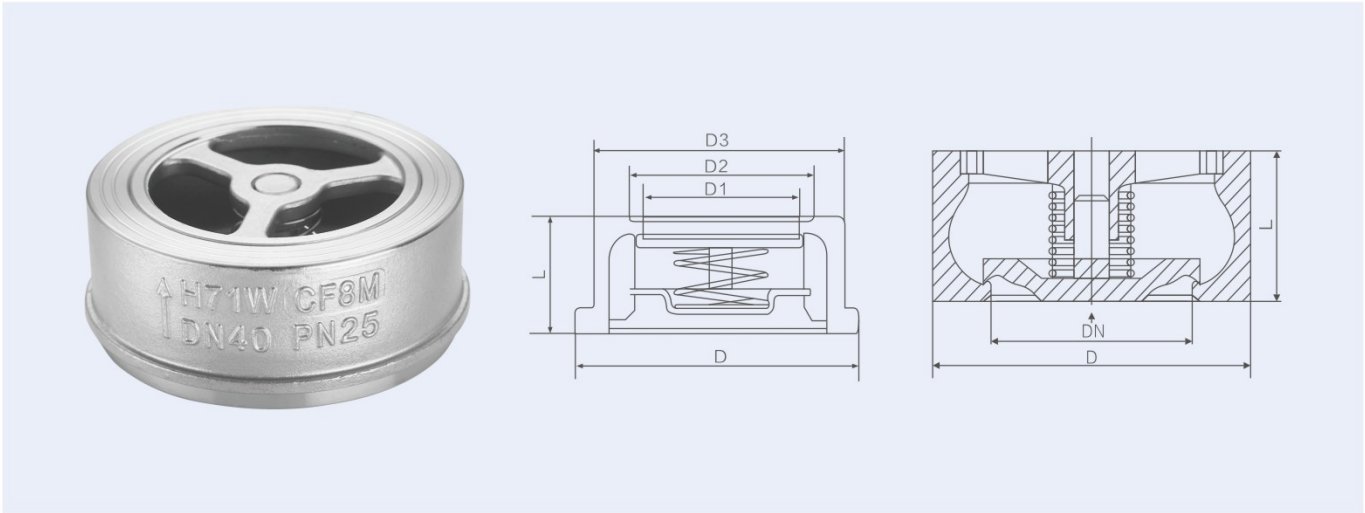
型号 Model	阀体 Body	阀瓣 Disc	弹簧 Spring
H71H-16C/H71H-25C	WCB	25	50CrVA
H71W-25I/H71W-40I	15CrMo	15CrMo	1Cr18Ni9
H71W-25P/H71W-40P	ZG1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti

主要性能规范 Main Performance Specifications

型号 Model	公称压力(MPa) Nominal pressure	试验压力(MPa) Test pressure		适用温度 Applicable temperature	适用介质 Applicable medium
		壳体 Shell	密封 Seal		
H71H-16C	1.6	2.4	1.76	≤235℃	水、蒸汽、油品等 Water, steam, oil, etc
H71H-25C	2.5	3.75	2.75	≤235℃	水、蒸汽、油品等 Water, steam, oil, etc
H71W-25I	2.5	3.75	2.75	≤235℃	水、蒸汽、油品等 Water, steam, oil, etc
H71W-25P	2.5	3.75	2.75	≤235℃	硝酸等腐蚀介质 Nitric acid and other corrosive medium
H71W-40I	4.0	6.0	4.4	≤235℃	水、蒸汽、油品等 Water, steam, oil, etc
H71W-40P	4.0	6.0	4.4	≤235℃	硝酸等腐蚀介质 Nitric acid and other corrosive medium

对夹连接升降式止回阀

WAFER TYPE PISTON-LIFT CHECK VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

H71-10/16

DN(mm)	L	D	D1	D3	D2	WT (Kg)
15	28	52	15	44	25	0.12
20	28	62	19	52	30	0.25
25	30	72	24	60	36	0.34
32	35	83	31	72	43	0.53
40	40	93	39	74	52	0.80
50	45	107	48	98	62	1.2
65	56	124	63	117	75	2.2
80	60	138	78	128	90	3.1
100	70	162	98	/	112	5.7
125	80	190	123	/	132	10
150	100	220	148	/	158	14
200	110	270	198	/	208	24
250	132	328	248	/	208	35

注：本表中法兰尺寸按GB/T 9113标准，结构长度按GB/T 12221标准。
Note: The dimensions of flanges in this table are GB/T 9113 standard, and the Face to Face is GB/T 12221 standard.

对夹式蝶型止回阀

WAFER TYPE BUTTERFLY CHECK VALVE

产品用途 Product Usage

H77H 对夹式蝶型止回阀是本厂采用国外先进结构设计，符合有关国家标准，属节能型产品。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。

DH77X Wafer type butterfly check valve is an energy-saving product that our factory adopts foreign advanced structural design and complies with relevant national standards. This product has good non-return performance, safety and reliability, and small flow resistance coefficient. It is mainly used in petroleum, chemical, food, pharmaceutical, textile, papermaking, water supply and drainage, smelting, and energy systems, as a check valve.

产品特点 Product Features

- 1、产品结构合理，密封可靠，性能优良；

2、阀瓣，阀座密封面用堆焊硬质合金，耐磨、耐高温、耐腐蚀，使用寿命长；

3、流道通畅、流体阻力小；

4、阀瓣行程短、关阀冲击力小。
1. Reasonable product structure, reliable sealing and excellent performance;

2. Hardfacing hard alloy for sealing surface of valve disc and seat, wear resistance, high temperature resistance, corrosion resistance and long service life;

3. Unobstructed flow channel and low fluid resistance;

4. Disc stroke is short and valve closing impact is small.

执行标准 Execution Standard

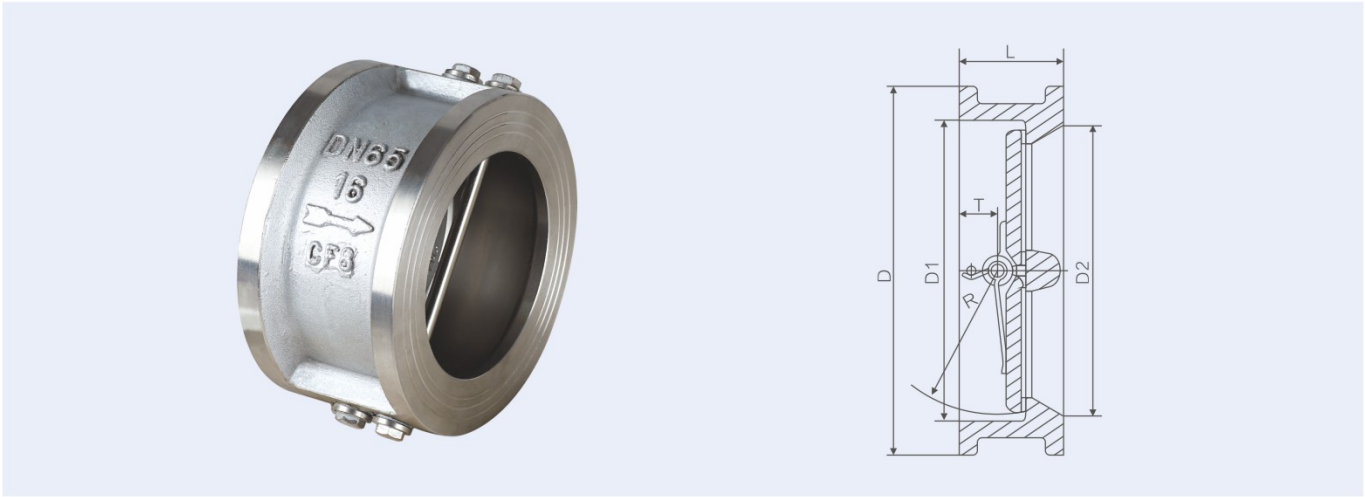
产品规范 Product specification	设计规范 Design spec	结构长度 Face to Face	连接法兰 Flange end	试验与检验 Test & check
	JB/T8937	JB/T8937	GB/T9113 JB/T79 HG/T20592	GB/T26480 GB/T13927

主要零件材料 Main Parts and Materials

阀 体 Body	阀 瓣 Disc	阀 轴 Shaft	弹 簧 Spring	适用介质 Applicable medium
WCB(A105)	WCB(A105)	20Cr13	0Cr18Ni9	水、蒸汽、油品等 硝酸等腐蚀性介质、 强氧化性介质、 醋酸等腐蚀性介质、 尿素等腐蚀性介质 Water, steam, oil, nitric acid and other corrosive medium Strong oxidizing medium Acetic acid and other corrosive medium Urea and other corrosive medium
ZG1Cr18Ni9Ti	CF8	1Cr18Ni9Ti	0Cr18Ni9	
CF8(304)	CF8	0Cr18Ni9	0Cr18Ni9	
CF3(304L)	CF3	00Cr19Ni10	00Cr19Ni10	
ZG1Cr18Ni12Mo2Ti	CF8M	1Cr18Ni12Mo2Ti	00Cr17Ni12Mo2	
CF8M(316)	CF8M	0Cr17Ni12Mo2	0Cr17Ni12Mo2	
CF3M(316L)	CF3M	00Cr17Ni14Mo2	00Cr17Ni14Mo2	

对夹式蝶型止回阀

WAFER TYPE BUTTERFLY CHECK VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

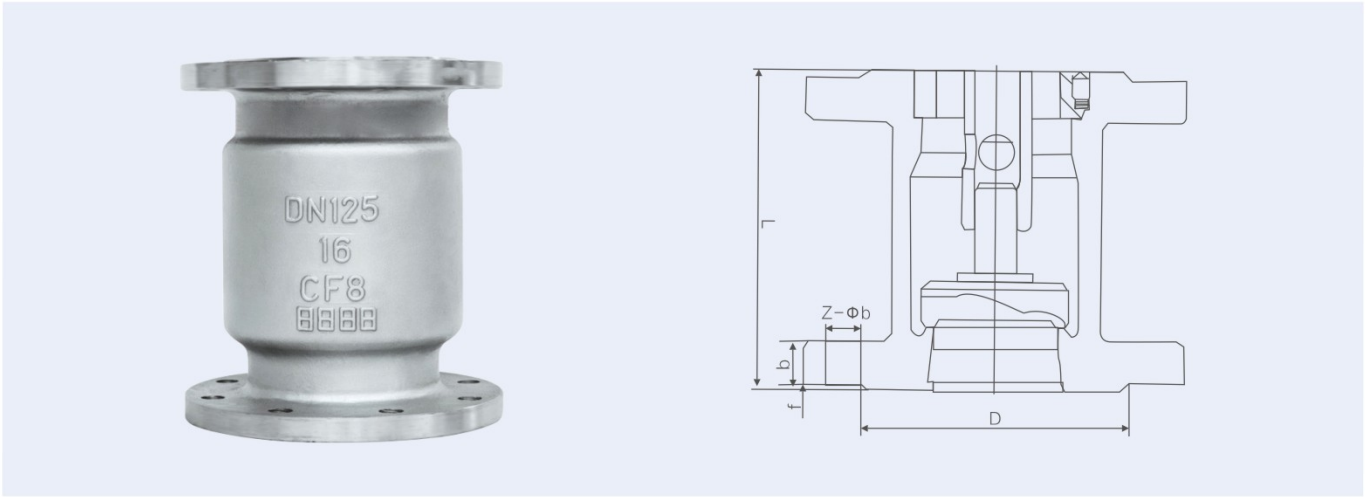
H77H-10/16

公称压力 PN(MPa)	公称通径 DN(mm)	尺寸 Dimensions(mm)				重量 WT (kg)	配管法兰(供参考) Piping flange (for reference)			
		L	D	D3	D2		D1	n	螺栓数量 d Number of bolts	螺栓长度 D Bolt length
1.0	40	43	92	55	41	1.8	110	4	M16	105
	50	43	107	65.5	51	2	125	4	M16	150
	65	46	127	81	65	3	145	4	M16	155
	80	64	143	95	80	4	160	8	M16	160
	100	64	162	117.5	102	6	180	8	M16	165
	125	70	192	145.5	127	8	210	8	M16	180
	150	76	218	170.5	152	13	240	8	M20	205
	200	89	273	227.5	203	24	295	8	M20	235
	250	114	328	266	254	35	350	12	M20	255
	300	114	380	312	305	48	400	12	M20	290
	350	127	438	361	350	78	460	16	M20	295
	400	140	489	406	400	106	515	16	M24	310
	450	152	539	450	450	135	565	20	M24	325
	500	152	594	505	500	165	620	20	M24	345
1.6	600	178	695	624	600	260	725	20	M27	355
	40	43	92	55	41	1.8	110	4	M16	105
	50	43	107	65.5	51	2	125	4	M16	150
	65	46	127	81	65	3	145	4	M16	155
	80	64	142	95	80	4	160	8	M16	160
	100	64	162	117.5	102	6	180	8	M16	165
	125	70	192	145.5	127	8	210	8	M16	180
	150	76	218	170.5	152	13	240	8	M20	205
	200	89	273	227.5	203	24	295	12	M20	235
	250	114	330	266	254	37	355	12	M24	265
	300	114	385	312	305	50	410	12	M24	305
	350	127	445	361	350	80	470	16	M24	310
	400	140	495	406	400	110	525	16	M27	330
	450	152	555	450	450	145	585	20	M27	345
	600	152	615	505	500	180	650	20	M30	370
	600	178	730	624	600	280	770	20	M33	380

注：本表中法兰尺寸按GB/T 9113标准，结构长度按GB/T 12221标准。
Note: The dimensions of flanges in this table are GB/T 9113 standard, and the Face to Face is GB/T 12221 standard.

立式法兰止回阀

VERTICAL FLANGE CHECK VALVE



产品用途 Product Usage

产品广泛应用于石油、化工、制药、电力行业等各种工况的管路上。
Products are widely used in petroleum, chemical, pharmaceutical, electric power industry under various working conditions such as the pipeline.

产品特点 Product Features

阀瓣沿着中心定位作升降运动，衬套采用耐磨性能好，摩擦系数小的特殊材料制作，动作灵活可靠密封性能优良。
The disc along the centerline for lifting movement, bushing adpot anti-wear, small friction materials, excellent action with reliable sealing.

执行标准 Execution Standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to face	连接法兰 Flange end	试验与检验 Test & check	
	GB/T12235	GB/T12221	JB/T79	JB/T9092	

主要性能规范 Main Performance Specifications

试验压力 Test pressure	公称压力 Nominal pressure (MPa)				
	16	25	40		
壳体试验 Shell test	2.4	3.8	6.0		
密封试验 Sealing test	1.8	2.8	4.4		
阀体材料 Body material	WCB(C)	CF8(P)	CF8M (R)	WC6	WC9
工作温度 Working temperature	≤425℃	≤100℃	≤100℃	≤550℃	≤550℃
适用介质 Applicable medium	水、蒸汽、油品 Water.steam.oil	硝酸类 Nitrate class	醋酸类 Acetic acid	水、蒸汽 Water.steam	水、蒸汽 Water.steam

主要外形连接尺寸 Main Boundary Connection Dimensions

PN1.6~4.0MPa

H42H-16P/R/PL/RL												
DN(mm)	15	20	25	32	40	50	65	80	100	125	150	200
L	105	105	105	150	160	170	180	200	210	275	300	380
D	95	105	115	135	145	160	180	195	215	245	280	335
H42H-25P/R/PL/RL												
DN(mm)	20	25	32	40	50	65	80	100	125	150	200	
L	105	105	150	160	170	180	200	210	275	300	380	
D	105	115	135	145	160	180	195	230	270	300	360	
H42H-40P/R/PL/RL												
DN(mm)	50	65	80	100	125	150	200					
L	170	180	200	210	275	300	380					
D	160	180	195	230	270	300	375					

美标旋启式止回阀

API SWING CHECK VALVE

产品用途 Product Usage

美标旋启式止回阀适用于压力Class150~2500LB, 工作温度-46℃~570℃的石油、化工、制药、化肥、电力行业等各种工况的管路上，防止介质的倒流。

API swing check valve are used in pipes under pressures betweenClass150~2500LB , working tempertures between -46℃~570℃,they are used in industries include oil, chemistry, pharmaceutical, fertilizer, and power generation to prevent the backflow flux of the media.

产品特点 Product Features

- 1、产品结构合理，密封可靠，性能优良；
- 2、阀瓣，阀座密封面用堆焊硬质合金，耐磨、耐高温、耐腐蚀，使用寿命长；
- 3、流通通畅、流体阻力小；
- 4、阀瓣行程短、关阀冲击力小。
1. Reasonable product structure, reliable sealing and excellent performance;
2. Hardfacing hard alloy for sealing surface of valve disc and seat, wear resistance, high temperature resistance, corrosion resistance and long service life;
3. Unobstructed flow channel and low fluid resistance;
4. Disc stroke is short and valve closing impact is small.

执行标准 Execution Standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to Face	连接法兰 Flange end	压力-温度 Pressure-temp	试验与检验 Test & check
	API 6D、BS1868	ASME B16.10	ASME B16.5	ASME B16.34	API 598

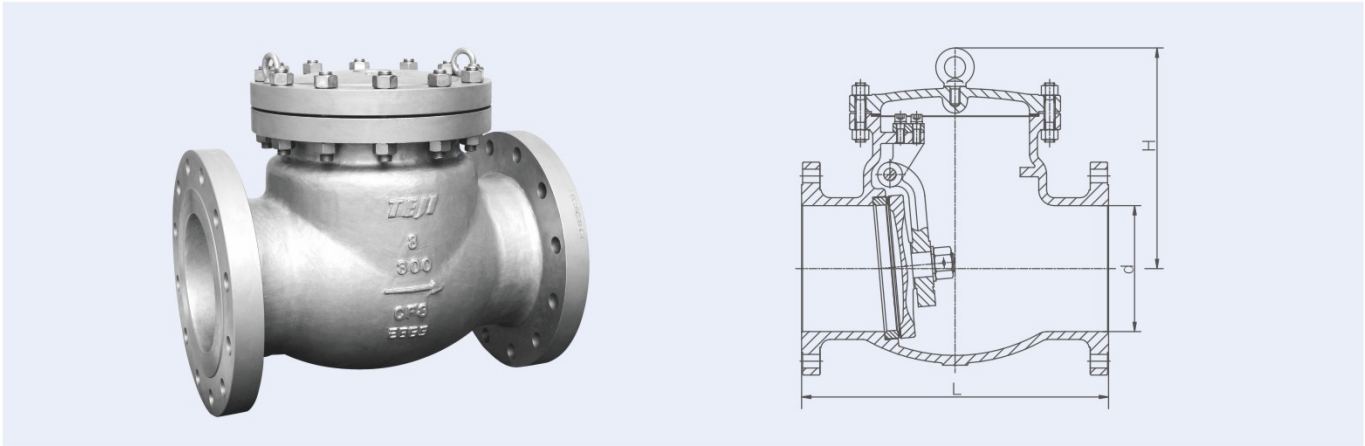
主要性能规范 Main Performance Specifications

公称压力(Lb) Nominal pressore		150	300	600	900
强度试验 Strength test	MPa	3.1	7.8	15.3	23.1
	Lbf/in ²	150	1125	2225	3350
水密封试验 Water seal test	MPa	2.2	5.6	11.2	16.8
	Lbf/in ²	315	815	1630	2440
气密封试验 Air seal test	MPa	0.5~0.7			
	Lbf/in ²	60~100			

主要零件材料 Main Parts and Materials

阀体/阀盖/阀瓣/摇杆/导向套 Body,bonnet,disc,rocker,guide sleeve	销轴 Pin	垫 片 Gasket	密封面 Sealing surface	工作温度(℃) Working temperature	适用介质 Applicable medium
WCB	20Cr13	增强柔性石墨 1Cr13/柔性石墨 不锈钢/耐酸石棉 PTFE 齿型垫片 Enhanced Flexible graphite 1Cr13/Flexible Graphite S.S/Acie-proof asbestos Tooth profile gasket	13Cr STL 本体材料 PTFE 尼龙 With bodymater rial Nylon	≤425	水、蒸汽、油品、硝酸类、醋酸类、强氧化、介质、尿素 Water, steam, oil, nitric acid, acetic acid, urea, media strong oxidation
WC1				≤450	
WC6				≤540	
WC9				≤570	
C5 C12				≤550	
CF8	304			≤600	
CF3	304L				
CF8M	316				
CF3M	316L				

美标旋启式止回阀
API SWING CHECK VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

Calss 150~300Lb

NPS(in)	Class 150						Class 300					
	L			d	H	WT (kg)	L			d	H	WT (kg)
	RF	RTJ	BW				RF	RTJ	BW			
2	203	216	203	51	132	15	267	283	267	51	144	20
2 ¹ / ₂	216	229	216	64	147	20	292	308	292	64	169	35
3	241	254	241	76	176	27	318	333	318	76	210	40
4	292	305	292	102	198	45	356	371	356	102	260	61
5	356	343	356	127	255	58	400	416	400	127	295	80
6	406	368	406	152	320	69	444	460	444	152	326	130
8	495	508	495	203	380	131	533	549	533	203	380	190
10	622	635	622	254	440	219	622	638	622	254	440	296
12	698	711	698	305	480	321	711	727	711	305	520	450
14	787	800	787	337	530	380	838	854	838	337	540	640
16	914	876	914	387	580	560	864	879	864	387	588	850
18	978	991	978	438	618	630	978	994	978	438	670	1030
20	978	991	978	489	657	770	1016	1035	1016	489	720	1330
24	1295	1308	1295	591	760	960	1346	1368	1346	591	850	1950

主要外形连接尺寸 Main Boundary Connection Dimensions

Calss 600~900Lb

NPS(in)	Class 600						Class 900					
	L			d	H	WT (kg)	L			d	H	WT (kg)
	RF	RTJ	BW				RF	RTJ	BW			
2	292	295	292	51	170	28	368	371	368	47	200	48
2 ¹ / ₂	330	333	330	64	178	40	419	422	419	57	220	75
3	356	359	356	76	246	68	381	384	381	73	280	95
4	432	435	432	102	290	117	457	460	457	98	320	135
5	508	511	508	127	320	155	559	562	559	121	360	200
6	559	562	559	152	360	192	610	613	610	146	400	264
8	660	664	660	200	430	340	737	740	737	190	480	424
10	787	791	787	248	502	515	838	841	838	234	560	730
12	838	841	838	298	554	750	965	968	965	282	632	1070
14	889	892	889	327	595	890	1029	1038	1029	311	680	1180
16	991	994	991	375	680	1303	1130	1140	1130	354	780	1790
18	1092	1095	1092	419	778	1800	1219	1232	1219	400	880	2500
20	1194	1200	1194	464	970	2150	1321	1334	1321	444	1050	3080
24	1397	1407	1397	559	1100	3200	1549	1568	1549	533	1200	4600

注：本表中法兰尺寸按 ASME B16.5标准，结构长度按ASME B16.10标准。
Note: The dimensions of flanges in this table are ASME B16.5 standard, and the Face to Face is ASME B16.10 standard.

衬氟止回阀
FLUORINE LINED CHECK VALVE

产品用途 Product Usage

衬氟止回阀适用在-50℃~150℃的各种浓度的王水、硫酸、盐酸、氢氟酸和各种有机酸、强酸、强氧化剂、FEP还适用于各种浓度的强碱有机溶剂以及其它腐蚀性气体、液体介质的管路上使用。

Fluorine lined check valve is suitable for -50℃~150℃ of various concentrations of Aqua regia, sulfuric acid, hydrochloric acid, hydrofluoric acid and various organic acids, strong acids, strong oxidants, FEP is also suitable for various concentrations of strong alkali organic solvents and other corrosive gases, liquid medium pipeline use.

产品特点 Product Features

该阀门内部全部衬四氟材料有效的降内部流通介质和阀门本体隔绝开，很好的起到防腐蚀效果，并且阀瓣密封为四氟软密封，有更好的止回效果。

The valve is completely lined with PTFE material to effectively isolate the internal circulation medium and the valve body, which has a good anti-corrosion effect, and the valve flap seal is a PTFE soft seal, which has a better anti-backflow.

执行标准 Execution Standard

设计和制造 Design and manufacture	GB/T12235、GB/T12236
结构长度 Face to Face	HG/T3704、GB/T12221
连接法兰 Flange end	HG/T 20592、GB/T9113、JB/T79
公称压力 Nominal pressure	0.6、1.0、1.6、2.5MPa Class150 JIS 10K
压力试验 Pressure test	GB/T13927 API598

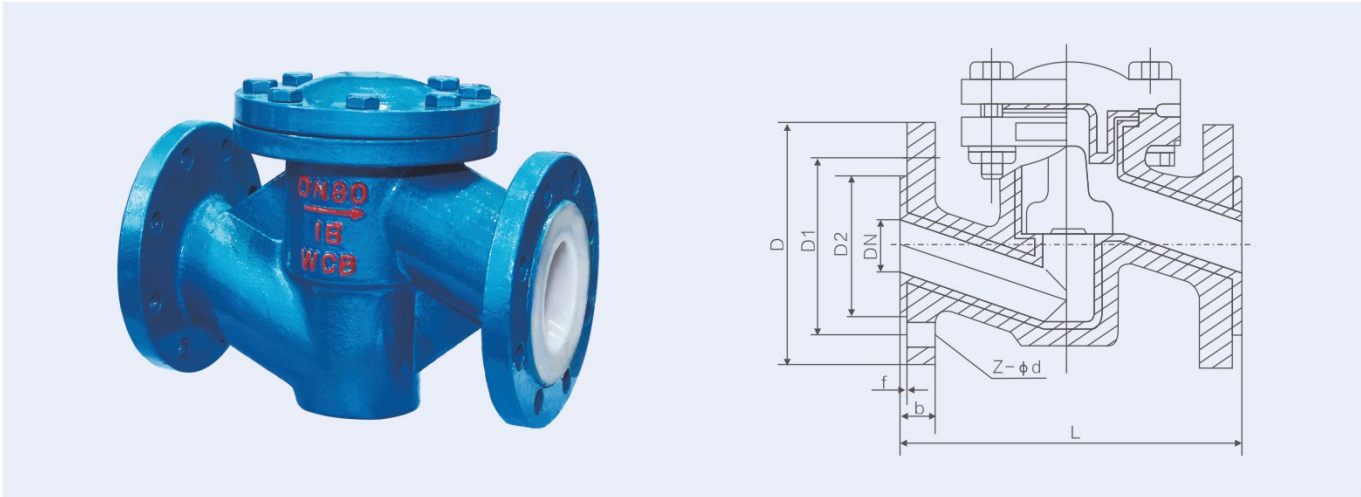
主要性能规范 Main Performance Specifications

产品型号 Product type	公称压力PN (MPa) Nominal pressure	试验压力Ps(MPa) Test pressure		工作压力(MPa) Working pressure	工作温度℃ Working temperature	适用介质 Applicable medium
		壳体 Shell	密封 Seal			
H41F4-16	1.6	2.4	1.76	1.6	≤180	氢氟酸、发烟硫酸、硝酸、王水、氯气、沸腾的苛性钠溶液、酮、醇类有机溶剂及其它腐蚀性介质 Hydrofluoric acid, hair smoke sulfuric acid, nitric acid, aqua regia, chlorine, boiling, disliked the sex, ketones, alcohol solution and organic solvents and other corrosive medium
H41F46-16					≤160	

主要零件材料 Main Parts and Materials

型号 Model	零件名称 Parts name	阀体/阀盖 Body/bonnet	阀瓣/阀杆 Disc/stem
H41F4-16	材料 Materials	铸钢衬聚四氟乙烯 Cast steel lining PTFE	铸钢衬聚四氟乙烯 Cast steel lining PTFE
H41F46-16		铸钢衬全氟乙丙烯 Cast steel lining FEP	铸钢衬全氟乙丙烯 Cast steel lining FEP

衬氟止回阀
FLUORINE LINED CHECK VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

公称通径(DN) Nominal diameter		主要尺寸 Main dimensions									参考值 Reference
DN mm	NPS inch	L	L ₁	L ₂	D	D ₁	D ₂	b	f	Z-φd	WT (kg)
15	1/2	130	130	80	95	65	45	16	2	4-φ14	5
20	3/4	150	150	90	105	75	58	18	2	4-φ14	6
25	1	160	160	100	115	85	68	18	2	4-φ14	7
32	1 1/4	180	180	110	140	100	78	18	2	4-φ18	8
40	1 1/2	200	200	125	150	110	88	18	2	4-φ18	10
50	2	230	230	140	165	125	102	18	2	4-φ18	12
65	2 1/2	290	290	160	185	145	122	18	2	8-φ18	18
80	3	310	310	185	200	160	138	20	2	8-φ18	28
100	4	350	350	210	220	180	158	20	2	8-φ18	37
125	5	400	400	250	250	210	188	22	2	8-φ18	58
150	6	480	480	300	285	240	212	22	2	8-φ22	75
200	8	600	495	380	340	295	268	24	2	8-φ22	120
250	10	730	600	420	395	350	320	26	2	12-φ22	160

15	20	25	32	40	50	65	80	100	125	150	200	250
1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10
130	150	160	180	200	230	290	310	350	400	480	600	730
130	150	160	180	200	230	290	310	350	400	480	495	600
80	90	100	110	125	140	160	185	210	250	300	380	420
95	105	115	140	150	165	185	200	220	250	285	340	405
65	75	85	100	110	125	145	160	180	210	240	295	355
45	58	68	78	88	102	122	138	158	188	212	268	320
16	18	18	18	18	18	18	20	20	22	22	24	26
2	2	2	2	2	2	2	2	2	2	2	2	2
4-φ14	4-φ14	4-φ14	4-φ18	4-φ18	4-φ18	8-φ18	8-φ18	8-φ18	8-φ18	8-φ22	12-φ22	12-φ26
5	6	7	8	10	12	18	28	37	58	75	120	160

注：本表中法兰尺寸按HG/T20592标准，结构长度按GB/T 12221标准。
Note: The dimensions of flanges in this table are HG/T20592 standard, and the Face to Face is GB/T 12221 standard.

丝扣止回阀
THREADED CHECK VALVE

旋启式内螺纹止回阀
Swing Internal Thread Check Valve

主要零件材料 Main Parts and Materials

序号 No.	部件Parts	材质Material
1	阀体 Body	ASTM A351 CF8M
2	阀盖 Bonnet	ASTM A351 CF8M
3	中塞 Disc	ASTM A351 CF8M
4	螺栓 Bolt	S.S.316
5	插销 Pin	S.S.316
6	小薄片 Flakelet	PTFE
7	大薄片 Big flakes	PTFE

主要外形连接尺寸 Main Boundary Connection Dimensions
H14W-200Lb

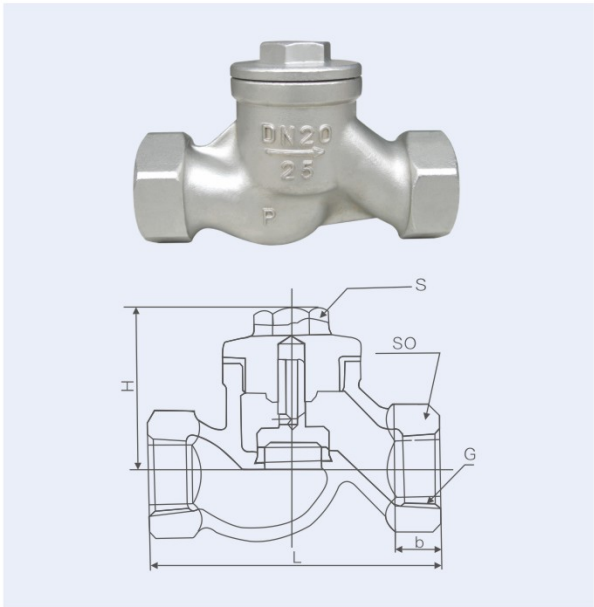
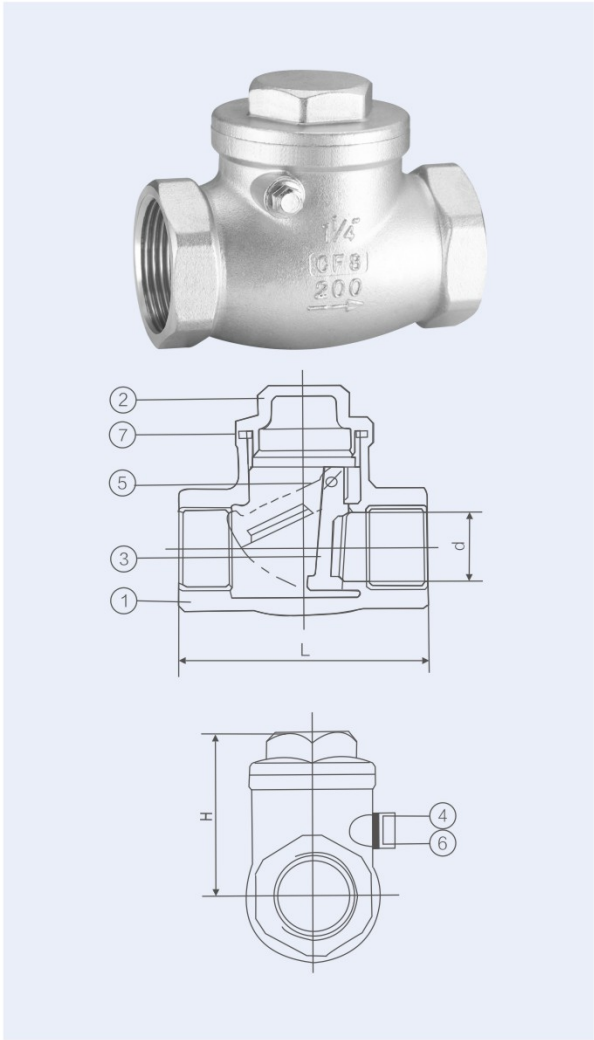
DN(mm)	NPS(in)	L	d	H
15	1/2"	62	18	43
20	3/4"	75	24	47
25	1"	89	30	49
32	1 1/4"	100	38	58
40	1 1/2"	116	44	65
50	2"	134	56	73

不锈钢丝扣止回阀
Stainless Steel Thread Check Valve

主要外形连接尺寸 Main Boundary Connection Dimensions
H11W-16P

DN(mm)	G(in)	L	b	S	SO	H
15	G 1/2	90	14	27	30	60
20	G 3/4	100	16	27	36	62
25	G 1	120	18	30	46	75
32	G 1 1/4	140	20	36	55	84
40	G 1 1/2	170	22	36	60	95
50	G 2	200	24	46	75	109
65	G 2 1/2	260	26	50	90	128

注：本表中结构长度按GB/T 12221标准。
Note: The Face to Face in this table is in accordance with GB/T 12221 standard.



蝶阀系列

BUTTERFLY VALVE
SERIES

Leading the
Global Valve Industry.

高性能双向压蝶阀

HIGH-PERFORMANCE TWO-WAY PRESSURE BUTTERFLY VALVE

产品概述 Product Overview

高性能双向压蝶阀是我公司技术人员在吸收国外同类产品结构和特点，克服了原有产品在使用中存在的缺陷后而优化设计的，使其寿命更耐久，密封更可靠。蝶阀采用三维偏心设计原理，密封副由两个重合的圆锥体斜截面组成，蝶板旋转中心经过对阀体、阀座的偏心值后，实现开启和关闭的瞬间接触和分离，并由蝶板密封圈金属与石墨层叠结构实现迷宫式密封，既能使阀门的开关扭矩小又能保证蝶阀密封性能，双向承压蝶阀采用减小偏心值和增强蝶板、阀轴、执行机构等的强度来实现蝶阀进出口双向密封零泄漏。该系列蝶阀适用于高、中、低压、高温、低温的管路中，作截断和调节之用。被广泛应用于热力、电力、石油、化工、冶金、能源、水利、环保、食品医药、城建生活用水及其排污行业，特别适用于密封等级要求较高的场合。

The high-performance bidirectional pressure butterfly valve was optimized and designed by our company's technical personnel after absorbing the structure and characteristics of similar foreign products, overcoming the defects in the original product during use, making its lifespan more durable and sealing more reliable. The butterfly valve adopts the principle of three-dimensional eccentricity design, and the sealing pair is composed of two overlapping conical oblique cross-sections. The center of rotation of the butterfly plate passes through the eccentricity value of the valve body and valve seat, achieving instant contact and separation of opening and closing. The labyrinth seal is achieved by the metal and graphite layered structure of the butterfly plate sealing ring, which can reduce the opening and closing torque of the valve and ensure the sealing performance of the butterfly valve. The bidirectional pressure bearing butterfly valve adopts a method of reducing eccentricity value and enhancing the butterfly plate The strength of the valve shaft, actuator, etc. is used to achieve zero leakage in the bidirectional sealing of the inlet and outlet of the butterfly valve. This series of butterfly valves is suitable for cutting and regulating high, medium, low pressure, high temperature, and low temperature pipelines. It is widely used in the fields of heat, electricity, petroleum, chemical industry, metallurgy, energy, water conservancy, environmental protection, food and medicine, urban construction and domestic water use, and its pollution discharge industry, especially suitable for occasions with high sealing requirements.

产品特点 Product Features

- 1、采用了斜置椭圆蝶板径向动平衡密封系统，阀门进出口两侧受力近似平衡，阀门的开启力矩较小，正反向密封性能可靠，可达到双向承压100%；
- 2、阀门密封面采用整体式金属密封圈，经过高精度机械加工而成，密封截面为椭圆型，它与阀座金属密封面组成密封副。阀门启闭时，蝶板密封面沿360°圆周各点瞬间接触或脱离，能快速准确实现开启或关闭动作；
- 3、采用了三偏心结构，即在双偏心蝶阀的基础上增加了一个角度偏心。

1. The oblique ellipse butterfly plate radial dynamic balancing sealing system, force approximate balance valve on both sides of the import and export, and the valve of small open torque, direction, sealed performance is reliable, can achieve two-way pressure 100%;
2. The valve sealing surface adopt and metal sealing ring, through high precision machining, sealing section for elliptic, it and valve seat sealing surface metal seal. When the valve opening and closing, butterfly plate seal face at various points along the 360° circumferential moments or out of contact, fast and exact implementation can open or close the action;
3. Use the three eccentric structure, namely on the basis of the double eccentric butterfly valve added a eccentric angle.

执行标准 Execution Standard

设计与制造 Design and manufacture	法兰连接 Flange connection	结构长度 Length structure	试验与检验 Test and inspection
GB/T 12238、JB/T8527	GB/T 9113、JB/T79、HG20592	GB/T12221	GB/T13927

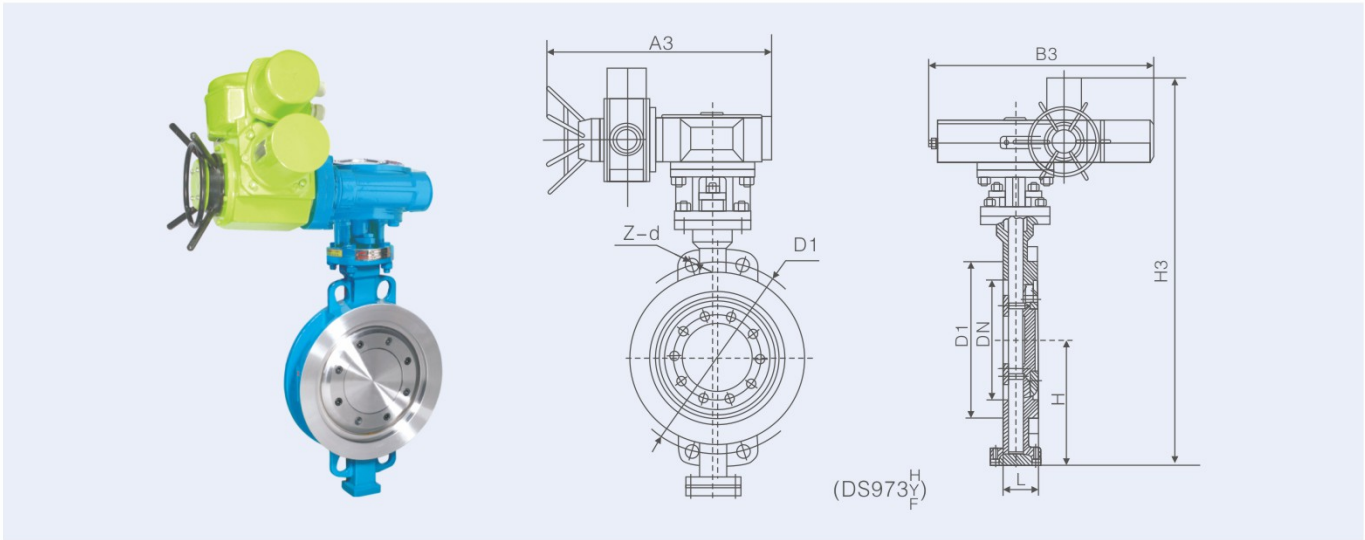
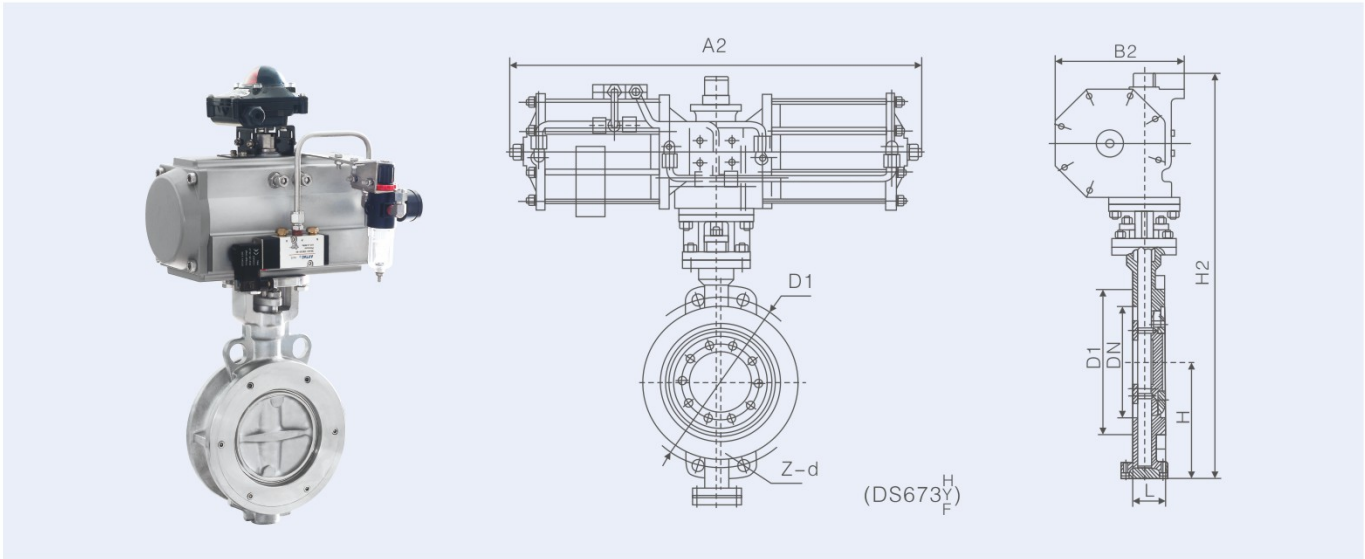
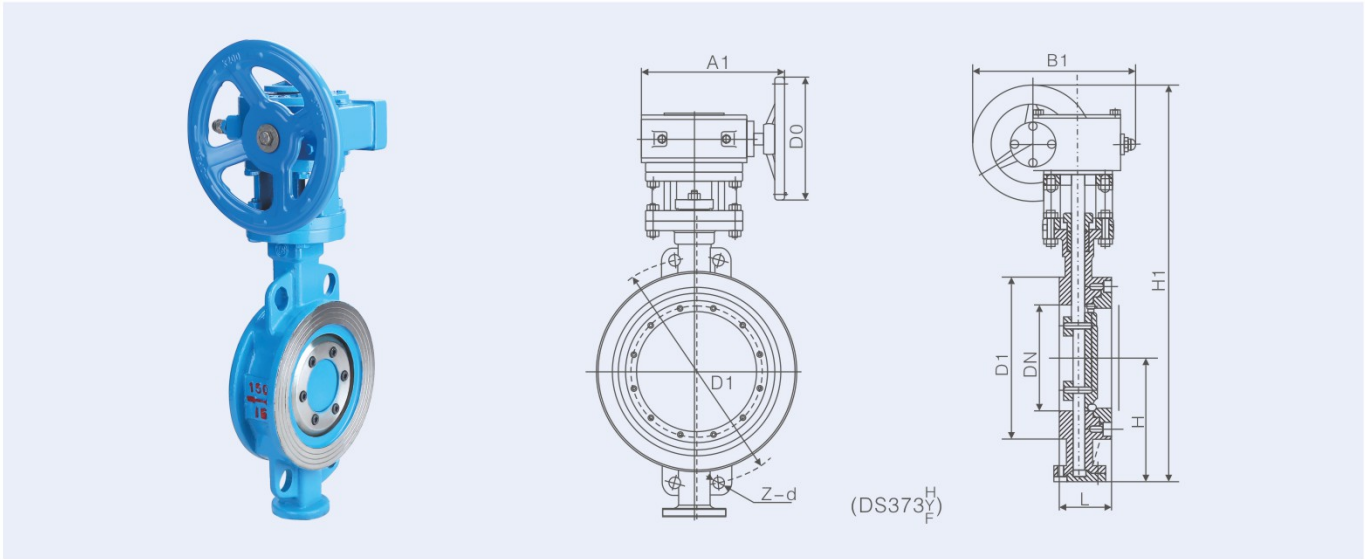
主要技术参数 Main Technical Parameters

公称通径 Nominal diameter	DN(mm)	50~2000				50~500
公称压力 Nominal pressure	PN(MPa)	0.6	1.0	1.6	2.5	4.0
试验压力 Ps(MPa) Test pressure	强度试验 Strength test	0.9	1.5	2.4	3.75	6.0
	正向密封试验 Sealing test	0.66	1.1	1.76	2.75	4.4
	反向密封试验 Back sealing test	0.66	1.1	1.76	2.75	4.4
	气密封试验 Gas seal test	0.6	0.6	0.6	0.6	0.6
渗漏率 Leak rate	零泄漏或 (Zero leakage or) <0.1 × DNmm ³ /s(符合 Conform GB/T13927标准 Standard)					
适用温度 Applicable temperature	碳钢 Carbon steel : -29℃~425℃ 不锈钢 Stainless steel : -40℃~600℃					
适用介质 Applicable medium	空气、水、蒸汽、煤气、油品及酸、碱、盐带有弱腐蚀性介质等 Air, water, steam, gas, oil, acid, alkali, salt with weak corrosive medium, etc					
驱动形式 Drive form	蜗轮传动、气动传动、电动传动、液动传动 Worm gear drive, pneumatic drive, electric drive, hydraulic drive					

主要零件材料 Main Part Materials

零件名称 Part name	材料 Material
阀体 Body	铸钢、不锈钢、铬钼钢、合金钢、双相钢 Cast steel, stainless steel, chrome molybdenum steel, alloy steel, dual phase steel
蝶板 Plate	铸钢、不锈钢、铬钼钢、合金钢、双相钢 Cast steel, stainless steel, chrome molybdenum steel, alloy steel, dual phase steel
阀座 Seat	不锈钢、堆焊司太立等硬质合金 Stainless steel, welding department is instant cemented carbide
密封圈 Sealing ring	不锈钢与耐高温石棉板组合成多层次 Stainless steel and high temperature resistant asbestos board layers
阀杆 Stem	20Cr13、1Cr13不锈钢、铬钼钢、特殊材料 Stainless steel, chrome molybdenum steel, special material
轴套 Shaft	奥氏体不锈钢 Austenitic stainless steel、304氮化 Nitride
填料 Packing	柔性石墨 Flexible graphite 、PTFE
填料压盖 Packing gland	铸钢、不锈钢 Cast steel, stainless steel
支架 Stents	铸钢、不锈钢 Cast steel, stainless steel

高性能双向压对夹式蝶阀
HIGH-PERFORMANCE TWO-WAY PRESSURE WAFER BUTTERFLY VALVE



高性能双向压对夹式蝶阀
HIGH-PERFORMANCE TWO-WAY PRESSURE WAFER BUTTERFLY VALVE

主要外形连接尺寸 Main Boundary Connection Dimensions

单位Unit: mm

DN		结构长度 (标准值) Structure length (standard)		外形尺寸(参考值) Boundary dimensions (reference)											法兰尺寸(标准值) Flange dimensions (standard)				D373H WT(Kg)
				H	DS373H			DS673H			DS973H			PN0.6MPa		PN1.0MPa			
毫米 mm	英寸 Inches	短 Short	长 Long			H1	A1	B1	H2	A2	B2	H3	A3	B3	D1	Z-d	D1	Z-d	
50	2	43	43	112	350	180	200	625	245	72	530	250	255	110	4-14	125	4-18	12	
65	2-1/2	46	46	115	370	180	200	625	245	72	530	250	255	130	4-14	145	4-18	13	
80	3	49	64	125	380	180	200	645	245	72	565	250	255	150	4-18	160	8-18	15	
100	4	56	64	138	420	180	200	675	355	92	600	250	255	170	4-18	180	8-18	17	
125	5	64	70	164	460	180	200	715	355	92	640	250	255	200	8-18	210	8-18	27	
150	6	70	76	175	555	270	280	800	355	92	704	300	315	225	8-18	240	8-22	29	
200	8	71	89	215	780	400	425	850	250	170	775	300	315	280	8-18	295	8-22	45	
250	10	76	114	243	840	400	425	925	250	170	945	300	315	335	12-18	350	12-22	69	
300	12	83	114	285	995	450	560	1035	450	220	1070	300	315	395	12-22	400	12-22	86	
350	14	92	127	320	1050	450	560	1070	450	220	1140	300	315	445	12-22	460	16-22	122	
400	16	102	140	350	1220	535	580	1190	450	220	1210	300	315	495	16-22	515	16-26	141	
450	18	114	152	350	1280	535	580	1250	650	280	1335	575	714	550	16-22	565	20-26	191	
500	20	127	152	380	1365	535	580	1290	650	280	1415	575	714	600	20-22	620	20-26	260	
600	24	154	178	435	1460	570	660	1455	850	380	1605	656	810	705	20-26	725	20-30	380	
700	28	165	229	480	1520	750	550	1585	850	380	1844	656	810	810	24-26	840	24-30	450	
800	32	190	241	530	1710	750	550	1700	1250	380	2040	656	810	920	24-30	950	24-33	650	
900	36	203	241	595	1810	750	550	1965	1250	380	2255	785	863	1020	24-30	1050	28-33	830	
1000	40	216	300	650	1900	900	750	2015	1250	380	2380	785	863	1120	28-30	1160	28-36	1050	
1200	48	254	360	775	2280	1000	925	2250	1250	380	2640	785	863	1340	32-33	1380	32-39	1400	
1400	56	279	390	870	2300	1000	925	-	-	-	2886	-	-	1560	36-36	1590	36-42	1900	
1600	64	318	440	1000	3000	1000	925	-	-	-	3156	-	-	1760	40-36	1820	40-48	2900	
1800	72	356	490	1110	3020	1100	980	-	-	-	3421	-	-	1970	44-39	2020	44-48	4000	
2000	80	406	540	1250	3270	1100	980	-	-	-	3685	-	-	2180	48-42	2230	48-48	5300	

法兰标准: GB/T9113、JB/T79、HG/T20592。用户注意: 表中H1、H2、H3尺寸均可根据用户需要加长(加长杆蝶阀), 若需特殊材料订货时提出。
Flange standard: GB/T9113、JB/T79、HG/T20592. User notice: H1, H2, H3 size in table all can according to user needs to lengthen (long pole butterfly valves), is proposed for special material orders.

主要外形连接尺寸 Main Boundary Connection Dimensions

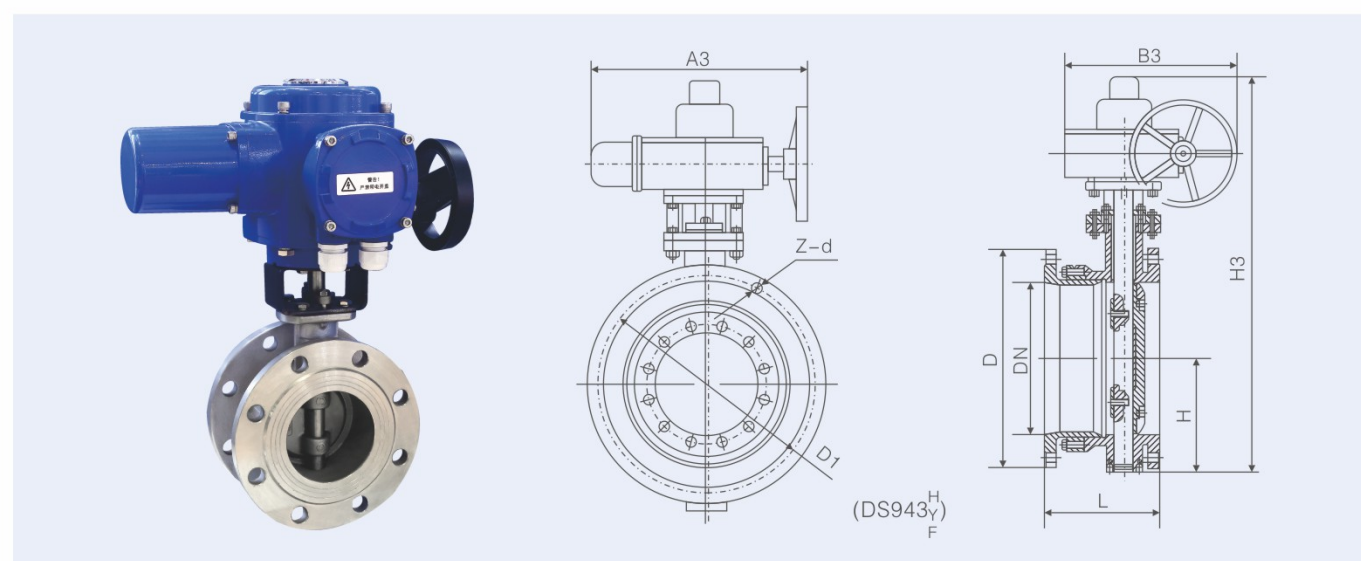
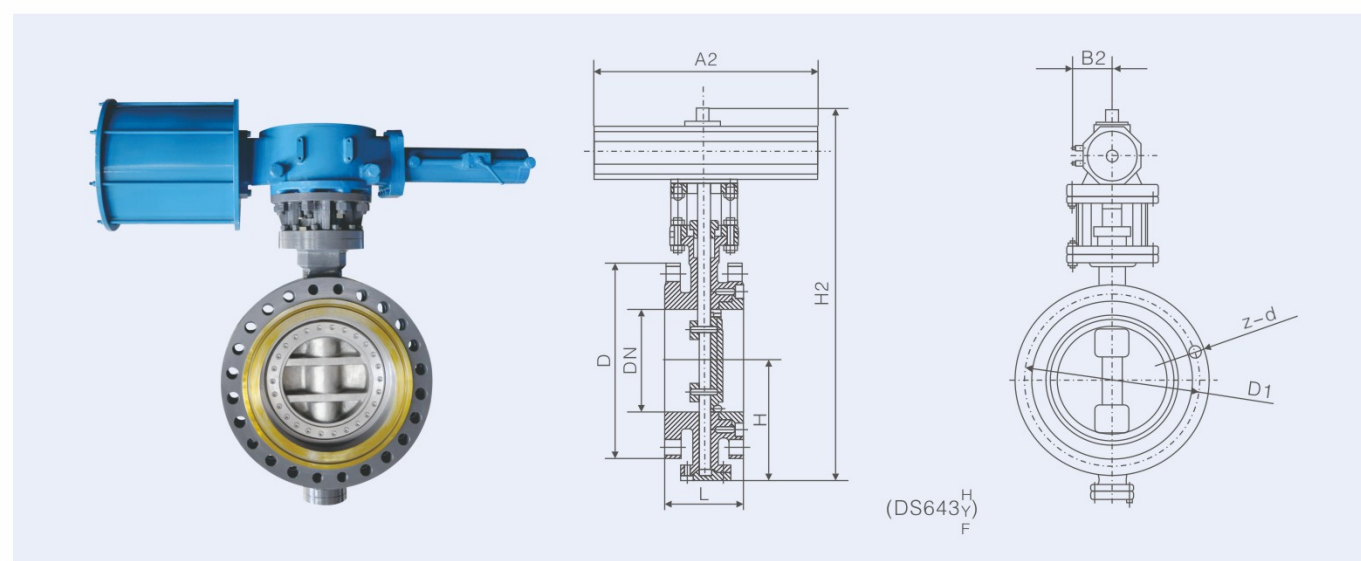
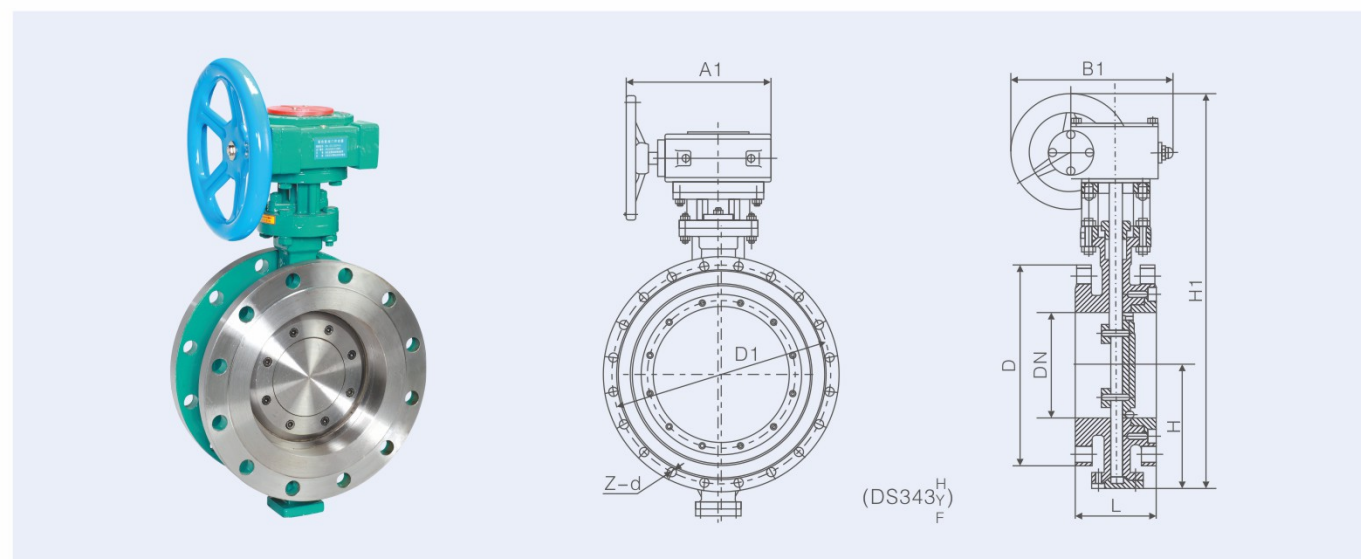
单位Unit: mm

DN		结构长度 (标准值) Structure length (standard)		外形尺寸(参考值) Boundary dimensions (reference)											法兰尺寸(标准值) Flange dimensions (standard)				D373H WT(Kg)
				H	DS373H			DS673H			DS973H			PN1.6MPa		PN2.5MPa			
毫米 mm	英寸 Inches	短 Short	长 Long			H1	A1	B1	H2	A2	B2	H3	A3	B3	D1	Z-d	D1	Z-d	
50	2	43	43	112	350	180	200	625	245	72	530	250	255	125	4-18	125	4-18	12	
65	2 1/2	46	46	115	370	180	200	625	245	72	530	250	255	145	4-18	145	8-18	13	
80	3	49	64	125	380	180	200	645	245	72	565	250	255	160	8-18	160	8-18	15	
100	4	56	64	138	420	180	200	675	355	92	600	250	255	180	8-18	190	8-22	17	
125	5	64	70	164	460	180	200	715	355	92	640	250	255	210	8-18	220	8-26	27	
150	6	70	76	175	555	270	280	800	355	92	704	300	315	240	8-22	250	8-26	29	
200	8	71	89	215	780	400	425	850	250	170	775	300	315	295	12-22	310	12-26	45	
250	10	76	114	243	840	400	425	925	250	170	945	300	315	355	12-26	370	12-30	69	
300	12	83	114	285	995	450	560	1035	450	220	1070	300	315	410	12-26	430	16-30	86	
350	14	92	127	320	1050	450	560	1070	450	220	1140	300	315	470	16-26	490	16-33	122	
400	16	102	140	350	1220	535	580	1190	450	220	1210	300	315	525	16-30	550	16-36	141	
450	18	114	152	350	1280	535	580	1250	650	280	1335	575	714	585	20-30	600	20-36	191	
500	20	127	152	380	1365	535	580	1290	650	280	1415	575	714	650	20-33	660	20-36	260	
600	24	154	178	435	1460	570	660	1455	850	380	1605	656	810	770	20-36	770	20-39	380	
700	28	165	229	480	1520	750	550	1585	850	380	1844	656	810	840	24-36	875	24-42	450	
800	32	190	241	530	1710	750	550	1700	1250	380	2040	656	810	950	24-39	990	24-48	650	
900	36	203	241	595	1810	750	550	1965	1250	380	2255	785	863	1050	28-39	1090	28-48	830	
1000	40	216	300	650	1900	900	750	2015	1250	380	2380	785	863	1170	28-42	1210	28-56	1050	
1200	48	254	360	775	2280	1000	925	2250	1250	380	2640	785	863	1390	32-48	1420	32-56	1400	

法兰标准: GB/T9113、JB/T79、HG/T20592。用户注意: 表中H1、H2、H3尺寸均可根据用户需要加长(加长杆蝶阀), 若需特殊材料订货时提出。
Flange standard: GB/T9113、JB/T79、HG/T20592. User notice: H1, H2, H3 size in table all can according to user needs to lengthen (long pole butterfly valves), is proposed for special material orders.

高性能双向压法兰式蝶阀

HIGH-PERFORMANCE TWO-WAY PRESSURE FLANGE BUTTERFLY VALVE



高性能双向压法兰式蝶阀

HIGH-PERFORMANCE TWO-WAY PRESSURE FLANGE BUTTERFLY VALVE

主要外形连接尺寸 Main Boundary Connection Dimensions

D(3、6、9)43H/Y/F PN0.25/0.6/1.0MPa

DN (mm)	L		H	D343H/Y/F			D643H/Y/F			D943H/Y/F		
	短 Short	长 Long		H1	A1	B1	H2	A2	B2	H3	A3	B3
40	106	140	107	330	180	200	605	245	72	530	250	255
50	108	150	112	350	180	200	625	245	72	530	250	255
65	112	170	115	370	180	200	645	245	72	530	250	255
80	114	180	120	380	180	200	675	355	92	565	250	255
100	127	190	138	420	180	200	715	355	92	600	250	255
125	140	200	164	460	180	200	800	355	92	640	250	255
150	140	210	175	555	270	280	850	250	170	705	300	315
200	152	230	200	760	400	425	925	250	170	775	300	315
250	165	250	243	830	400	425	1035	450	220	945	300	315
300	178	270	250	895	450	560	1070	450	220	1070	300	315
350	190	290	280	950	450	560	1190	450	280	1140	300	315
400	216	310	305	1190	535	580	1250	650	280	1210	300	315
450	222	330	350	1255	535	580	1295	650	280	1335	575	714
500	229	350	380	1305	535	580	1455	850	380	1415	575	714
600	267	390	445	1340	570	660	1585	850	380	1605	656	810
700	292	430	480	1520	750	550	1700	1250	380	1844	656	810
800	318	470	530	1710	750	550	1865	1250	380	2040	656	810
900	330	510	580	1810	750	550	2015	1500	580	2255	785	863
1000	410	550	650	1960	900	750	2226	1500	580	2380	785	863
1200	470	630	760	2250	1000	925	—	—	—	2640	785	863
1400	530	710	850	2435	1000	925	—	—	—	2886	—	—
1600	600	790	1030	2780	1000	925	—	—	—	3156	—	—
1800	670	870	1230	3020	1100	980	—	—	—	3421	—	—
2000	760	950	1350	3270	1100	980	—	—	—	3685	—	—

主要外形连接尺寸 Main Boundary Connection Dimensions

D(3、6、9)43H/Y/F PN1.6/2.5MPa

DN (mm)	L		H	D343H/Y/F			D643H/Y/F			D943H/Y/F		
	短 Short	长 Long		H1	A1	B1	H2	A2	B2	H3	A3	B3
50	108	150	112	350	180	200	625	245	72	530	250	255
65	112	170	115	370	180	200	625	245	72	530	250	255
80	114	180	120	380	180	200	645	245	72	565	250	255
100	127	190	138	420	180	200	675	355	92	600	250	255
125	140	200	164	460	180	200	715	355	92	640	250	255
150	140	210	175	555	270	280	800	355	92	705	300	315
200	152	230	200	760	400	425	850	250	170	775	300	315
250	165	250	243	830	400	425	925	250	170	945	300	315
300	178	270	250	895	450	560	1035	450	220	1070	300	315
350	190	290	280	950	450	560	1070	450	220	1140	300	315
400	216	310	305	1190	535	580	1190	450	220	1210	300	315
450	222	330	350	1255	535	580	1250	650	280	1335	575	714
500	229	350	380	1305	535	580	1290	650	280	1415	575	714
600	267	390	445	1340	570	660	1455	850	380	1605	656	810
700	292	430	480	1520	750	550	1585	850	380	1844	656	810
800	318	470	530	1710	750	550	1700	1250	380	2040	656	810
900	330	510	580	1810	750	550	1865	1250	380	2255	785	863
1000	410	550	650	1960	900	750	2015	1250	380	2380	785	863
1200	470	630	760	2250	1000	925	2250	1250	380	2640	785	863
1400	530	710	850	2435	1000	925	—	—	—	2886	—	—
1600	600	790	1030	2780	1000	925	—	—	—	3156	—	—
1800	670	870	1230	3020	1100	980	—	—	—	3421	—	—
2000	760	950	1350	3270	1100	980	—	—	—	3685	—	—

注：本表中结构长度按GB/T 12221标准。Note: the structure length in this table is in accordance with GB / T 12221.

三偏心多层次硬密封蝶阀
TRIPLE OFFSET MULTI-LAYER METAL SEAT BUTTERFLY VALVE

产品概述 Product Overview

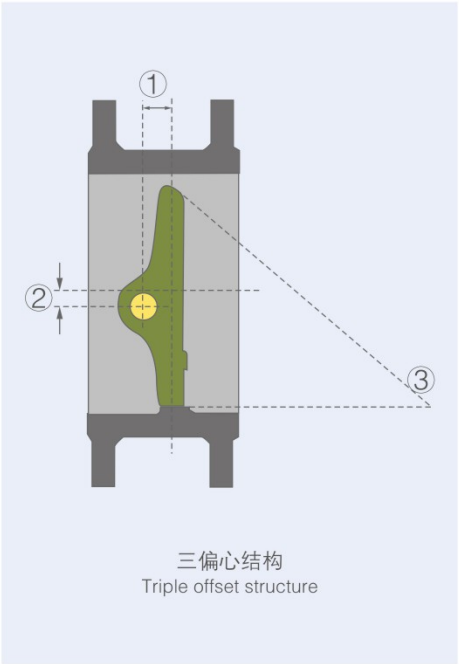
本蝶阀采用三维偏心结构，阀体密封圈采用多层次密封圈结构，使蝶板同阀体密封面均匀可靠接触，可达到气密封无泄漏。广泛应用于食品、医药、石油化工、电厂、钢厂、环保水处理及高层建筑、供排水管道上，是作调节流量和截断流体的理想装置。

This butterfly valve adopts a three-dimensional eccentric structure, and the valve body sealing ring adopts a multi-level sealing ring structure, making the butterfly plate and the valve body sealing surface evenly and reliably contact, which can achieve airtight sealing without leakage. Widely used in food, medicine, petrochemicals, power plants, steel mills, environmental water treatment, high-rise buildings, and water supply and drainage pipelines, it is an ideal device for regulating flow and cutting off fluids.

三偏心特点 Triple Offset Features

三偏心结构是在设计时将阀杆偏离密封面中心线。形成第一个偏心；阀杆略偏离管路中心线，形成第二个偏心；阀板密封面加工成圆锥体的一个斜载体，形成第三个偏心。三个偏心的结构使得阀门密封副在启闭过程中尽可能小地减少摩擦，在阀板开始旋转的瞬间密封面完全脱离，从而实现了无摩擦密封。阀门因此大大地提高了使用寿命，并使启闭扭矩的大小有了明显的改善。

The triple offset structure is designed to deviate the valve stem from the centerline of the sealing surface. Form the first eccentricity; The valve stem deviates slightly from the centerline of the pipeline, forming a second eccentricity; The sealing surface of the valve plate is machined into an oblique section of a cone, forming a third eccentricity. The three eccentric structure reduces friction as much as possible during the opening and closing process of the valve sealing pair. At the moment when the valve plate starts to rotate, the sealing surface completely detaches, thus achieving a frictionless seal. As a result, the valve greatly improves its service life and significantly improves the magnitude of the opening and closing torque.



执行标准 Execution Standard

设计与制造 Design and manufacture	法兰连接 Flange connection	结构长度 Face to face	试验与检验 Test and inspection
GB/T 12238, JB/T8527	GB/T 9113, JB/T79, JB/T20592	GB/T 12221	GB/T 13927

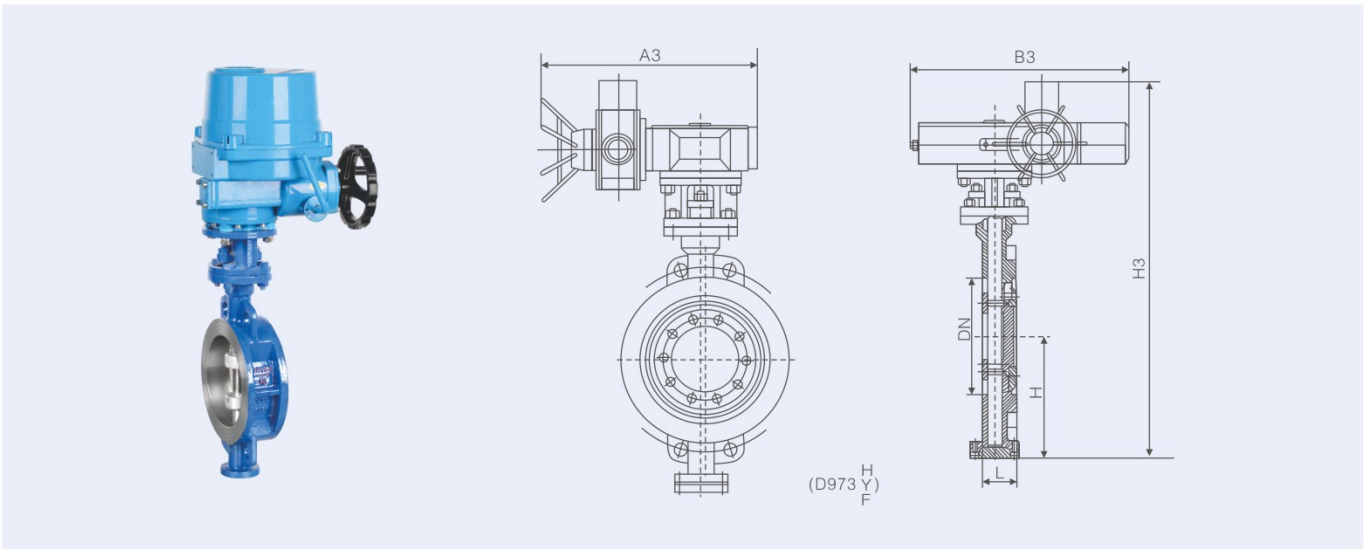
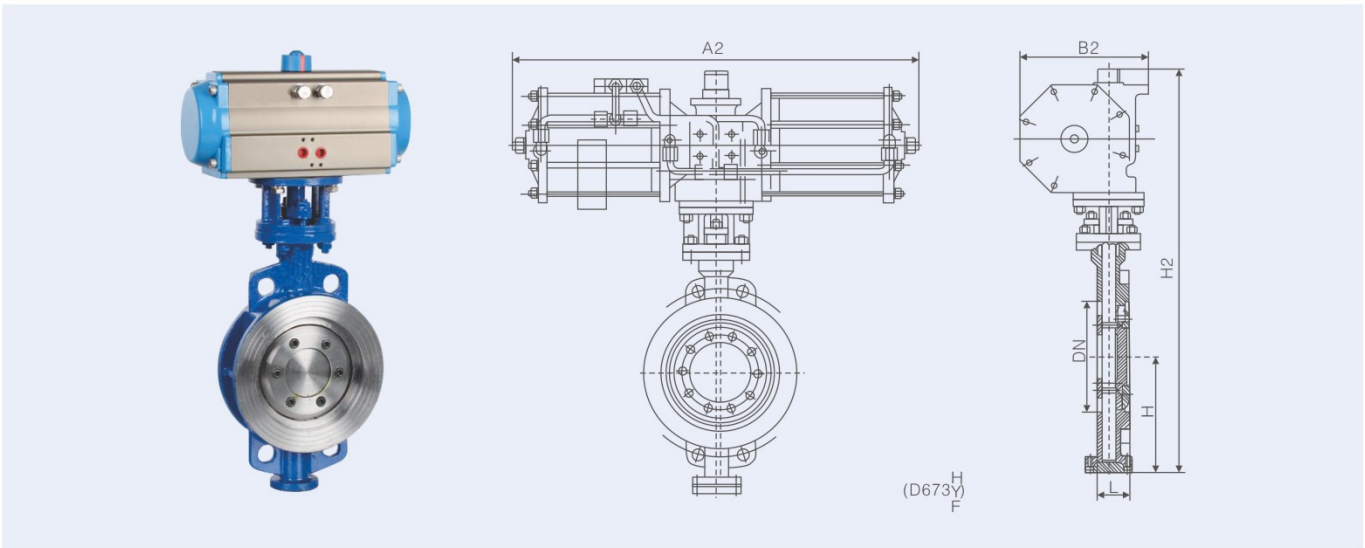
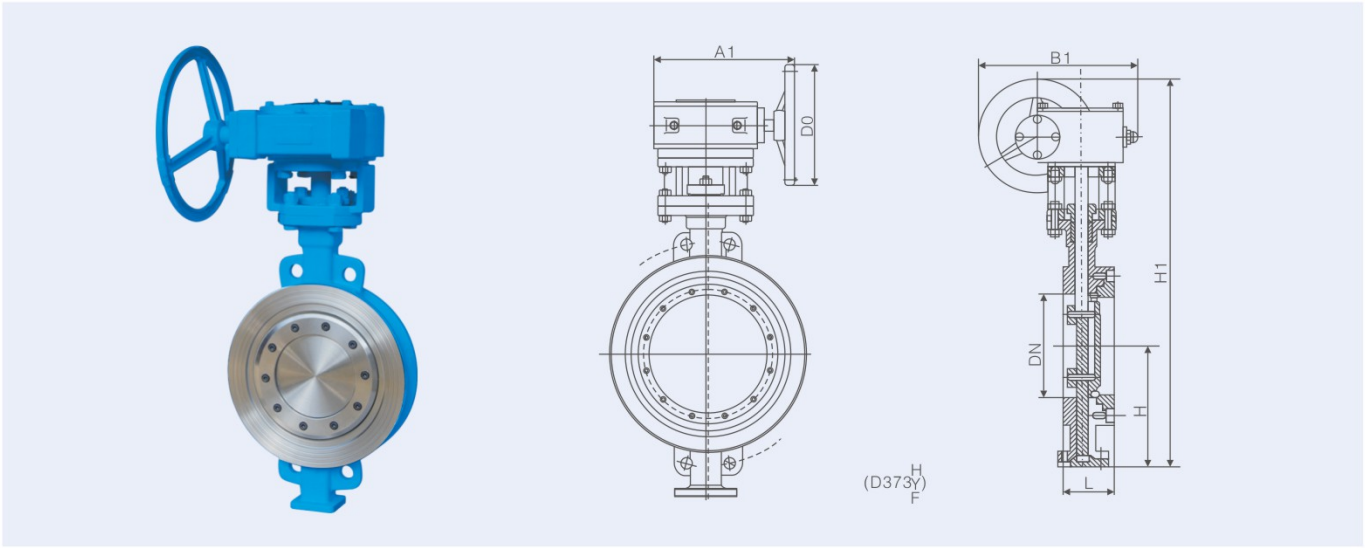
主要技术参数 Main Technical Parameters

公称通径 Nominal diameter	DN(mm)	50~2000				50~500
公称压力 Nominal pressure	PN(MPa)	0.6	1.0	1.6	2.5	4.0
试验压力 Ps(MPa) Test pressure	强度试验 Strength test	0.9	1.5	2.4	3.75	6.0
	密封试验 Sealing test	0.66	1.1	1.76	2.75	4.4
	气密封试验 Gas seal test	0.6	0.6	0.6	0.6	0.6
渗漏率 Leak rate	零泄漏或(Zero leakage or)<0.1 × DNmm³/s(符合 GB/T13927标准 Standard)					
适用温度 Applicable temperature	碳钢 Carbon steel : -29℃~425℃ 不锈钢 Stainless steel : -40℃~600℃					
适用介质 Applicable medium	空气、水、蒸汽、煤气、油品及酸、碱、盐带有弱腐蚀性介质等 Air, water, steam, gas, oil, acid, alkali, salt with weak corrosive medium, etc					
驱动形式 Drive form	蜗轮传动、气动传动、电动传动、液动传动 Worm gear drive, pneumatic drive, electric drive, hydraulic drive					

主要零件材料 Main Part Materials

零件名称 Part name	材料 Material	零件名称 Part name	材料 Material
阀体 Body	碳钢、不锈钢、铬钼钢、合金钢 Carbor steel, stainless steel,chrome molybdenum steel, alloy steel	阀杆 Stem	2Cr13、1Cr13不锈钢、铬钼钢 2Cr13, 1Cr13 stainless steel, chromium molybdenum steel
蝶板 Disc	碳钢、合金钢、不锈钢、铬钼钢 Carbon steel, alloy steel, stainless steel, chrome molybdenum steel	轴承 Bearing	奥氏体不锈钢、304氮化 Austenitic stainless steel, 304 nitriding
密封圈 Ring	不锈钢与耐高温石棉板组合成多层次 Stainless steel and high temperature asbestos combined into multi-level	填料 Packing	柔性石墨 Flexible graphite

对夹式三偏心多层次硬密封蝶阀
WAFER TRIPLE OFFSET MULTI-LAYER METAL SEAT BUTTERFLY VALVE



对夹式三偏心多层次硬密封蝶阀
WAFER TRIPLE OFFSET MULTI-LAYER METAL SEAT BUTTERFLY VALVE

主要外形连接尺寸 Main Boundary Connection Dimensions D(3、6、9)73H/Y/F PN0.6/1.0MPa

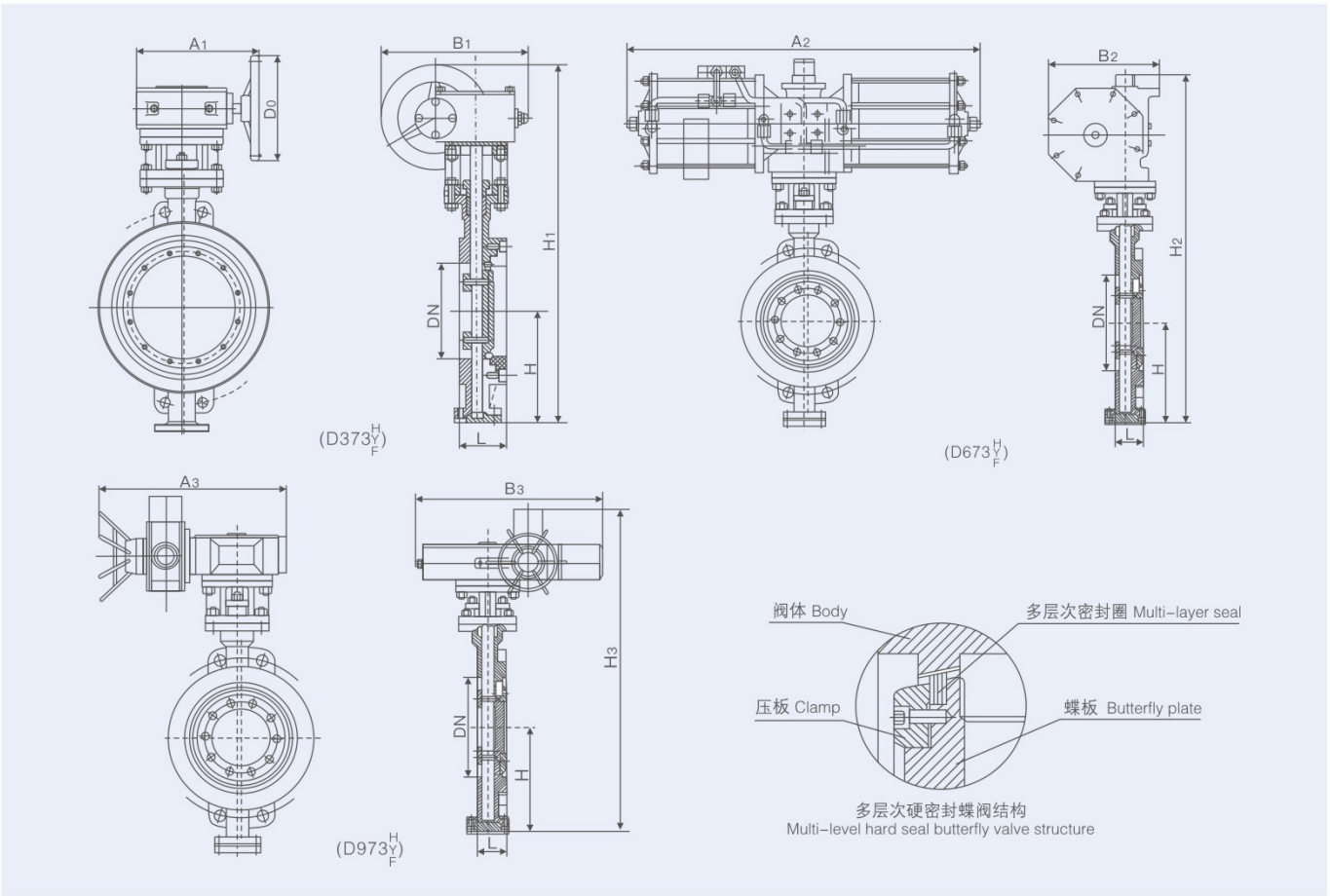
DN (mm)	L		H	D373H/Y/F			D673H/Y/F			D973H/Y/F		
	短 Short	长 Long		H1	A1	B1	H2	A2	B2	H3	A3	B3
40	33	33	107	330	180	200	625	245	72	530	250	255
50	43	43	112	350	180	200	625	245	72	530	250	255
65	46	46	115	370	180	200	625	245	72	530	250	255
80	46	64	125	380	180	200	645	245	72	565	250	255
100	52	64	138	420	180	200	675	355	92	600	250	255
125	56	70	164	460	180	200	715	355	92	640	250	255
150	56	76	175	555	270	280	800	355	92	704	300	315
200	60	89	215	780	400	425	850	250	170	775	300	315
250	68	114	243	840	400	425	925	250	170	945	300	315
300	78	114	285	995	450	560	1035	450	220	1070	300	315
350	78	127	320	1050	450	560	1070	450	220	1140	300	315
400	102	140	350	1220	535	580	1190	450	220	1210	300	315
450	114	152	350	1280	535	580	1250	650	280	1335	575	714
500	127	152	380	1365	535	580	1290	650	280	1415	575	714
600	154	178	435	1460	570	660	1455	850	380	1605	656	810
700	165	229	480	1520	750	550	1585	850	380	1844	656	810
800	190	241	530	1710	750	550	1700	1250	380	2040	656	810
900	203	241	595	1810	750	550	1965	1250	380	2255	785	863
1000	216	300	650	1900	900	750	2015	1250	380	2380	785	863
1200	254	360	775	2280	1000	925	2250	1250	380	2640	785	863
1400	279	390	870	2300	1000	925	—	—	—	2886	—	—
1600	318	440	1000	3000	1000	925	—	—	—	3156	—	—
1800	356	490	1110	3020	1100	980	—	—	—	3421	—	—
2000	406	540	1250	3270	1100	980	—	—	—	3685	—	—

主要外形连接尺寸 Main Boundary Connection Dimensions D(3、6、9)73H/Y/F PN1.6/2.5MPa

DN (mm)	L		H	D373H/Y/F			D673H/Y/F			D973H/Y/F		
	短 Short	长 Long		H1	A1	B1	H2	A2	B2	H3	A3	B3
40	33	33	107	330	180	200	625	245	72	530	250	255
50	43	43	112	350	180	200	625	245	72	530	250	255
65	46	46	115	370	180	200	625	245	72	530	250	255
80	46	64	125	380	180	200	645	245	72	565	250	255
100	52	64	138	420	180	200	675	355	92	600	250	255
125	56	70	164	460	180	200	715	355	92	640	250	255
150	56	76	175	555	270	280	800	355	92	704	300	315
200	60	89	215	780	400	425	850	250	170	775	300	315
250	68	114	243	840	400	425	925	250	170	945	300	315
300	78	114	285	995	450	560	1035	450	220	1070	300	315
350	78	127	320	1050	450	560	1070	450	220	1140	300	315
400	102	140	350	1220	535	580	1190	450	220	1210	300	315
450	114	152	350	1280	535	580	1250	650	280	1335	575	714
500	127	152	380	1365	535	580	1290	650	280	1415	575	714
600	154	178	435	1460	570	660	1455	850	380	1605	656	810
700	165	229	480	1520	750	550	1585	850	380	1844	656	810
800	190	241	530	1710	750	550	1700	1250	380	2040	656	810
900	203	241	595	1810	750	550	1965	1250	380	2255	785	863
1000	216	300	650	1900	900	750	2015	1250	380	2380	785	863
1200	254	360	775	2280	1000	925	2250	1250	380	2640	785	863
1400	279	390	870	2300	1000	925	—	—	—	2886	—	—
1600	318	440	1000	3000	1000	925	—	—	—	3156	—	—
1800	356	490	1110	3020	1100	980	—	—	—	3421	—	—
2000	406	540	1250	3270	1100	980	—	—	—	3685	—	—

注：本表中结构长度按GB/T 12221标准。Note: the structure length in this table is in accordance with GB / T 12221.

对夹式三偏心多层次硬密封蝶阀
WAFER TRIPLE OFFSET MULTI-LAYER METAL SEAT BUTTERFLY VALVE



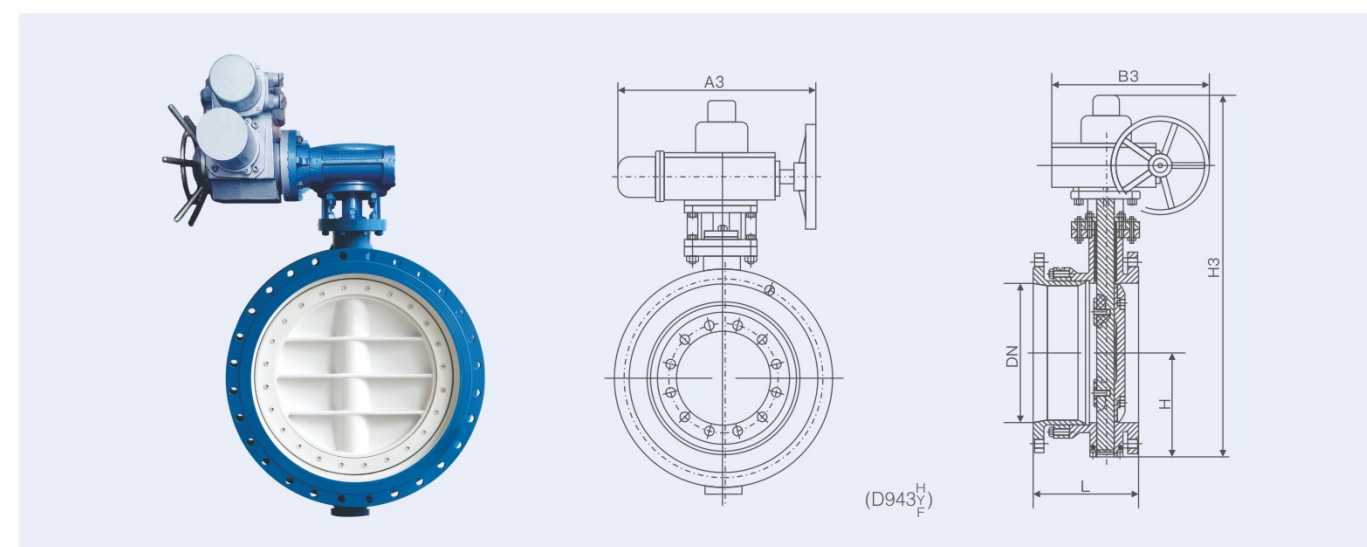
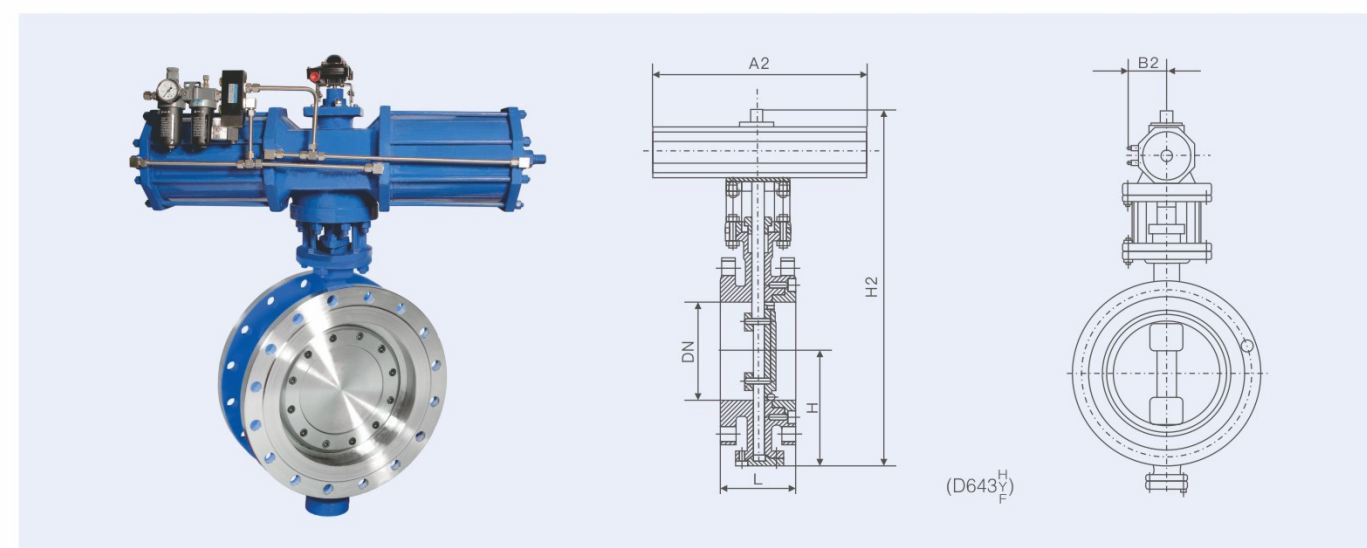
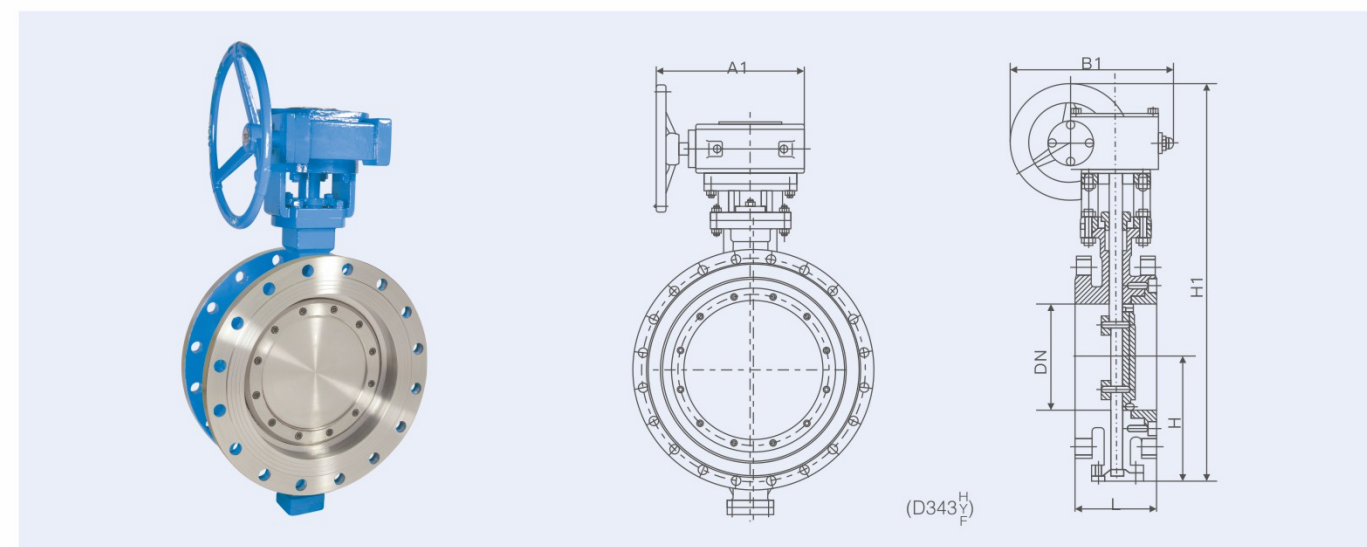
主要外形连接尺寸 Main Boundary Connection Dimensions D(3、6、9)73H/Y/F PN4.0MPa

DN (mm)	L	H	D373H/Y/F			D673H/Y/F			D973H/Y/F		
			H1	A1	B1	H2	A2	B2	H3	A3	B3
50	43	112	350	180	200	625	250	170	530	250	255
65	46	115	370	270	280	625	250	170	530	250	255
80	49	120	380	270	280	645	250	170	565	250	255
100	56	138	420	270	280	675	250	170	600	250	255
125	64	164	460	380	420	715	450	220	640	250	255
150	70	175	555	380	420	800	450	220	705	300	315
200	71	208	780	400	425	850	450	220	775	300	315
250	76	243	840	400	425	925	450	280	945	300	315
300	83	285	995	450	560	1035	650	280	1070	300	315
350	127	320	1050	450	560	1070	650	280	1140	300	315
400	140	350	1220	535	580	1190	650	280	1210	300	315
450	160	350	1280	535	580	—	—	—	1335	575	714
500	170	380	1365	535	580	—	—	—	1415	575	714

注：本表中结构长度按GB/T 12221标准。Note: the structure length in this table is in accordance with GB / T 12221.

法兰式三偏心多层次硬密封蝶阀

FLANGE TRIPLE OFFSET MULTI-LAYER METAL SEAT BUTTERFLY VALVE



法兰式三偏心多层次硬密封蝶阀

FLANGE TRIPLE OFFSET MULTI-LAYER METAL SEAT BUTTERFLY VALVE

主要外形连接尺寸 Main Boundary Connection Dimensions

D(3、6、9)43H/Y/F PN0.25/0.6/1.0MPa

DN (mm)	L		H	D343H/Y/F			D643H/Y/F			D943H/Y/F		
	短 Short	长 Long		H1	A1	B1	H2	A2	B2	H3	A3	B3
40	106	140	107	330	180	200	605	245	72	530	250	255
50	108	150	112	350	180	200	625	245	72	530	250	255
65	112	170	115	370	180	200	645	245	72	530	250	255
80	114	180	120	380	180	200	675	355	92	565	250	255
100	127	190	138	420	180	200	715	355	92	600	250	255
125	140	200	164	460	180	200	800	355	92	640	250	255
150	140	210	175	555	270	280	850	250	170	705	300	315
200	152	230	200	760	400	425	925	250	170	775	300	315
250	165	250	243	830	400	425	1035	450	220	945	300	315
300	178	270	250	895	450	560	1070	450	220	1070	300	315
350	190	290	280	950	450	560	1190	450	280	1140	300	315
400	216	310	305	1190	535	580	1250	650	280	1210	300	315
450	222	330	350	1255	535	580	1295	650	280	1335	575	714
500	229	350	380	1305	535	580	1455	850	380	1415	575	714
600	267	390	445	1340	570	660	1585	850	380	1605	656	810
700	292	430	480	1520	750	550	1700	1250	380	1844	656	810
800	318	470	530	1710	750	550	1865	1250	380	2040	656	810
900	330	510	580	1810	750	550	2015	1500	580	2255	785	863
1000	410	550	650	1960	900	750	2226	1500	580	2380	785	863
1200	470	630	760	2250	1000	925	—	—	—	2640	785	863
1400	530	710	850	2435	1000	925	—	—	—	2886	—	—
1600	600	790	1030	2780	1000	925	—	—	—	3156	—	—
1800	670	870	1230	3020	1100	980	—	—	—	3421	—	—
2000	760	950	1350	3270	1100	980	—	—	—	3685	—	—

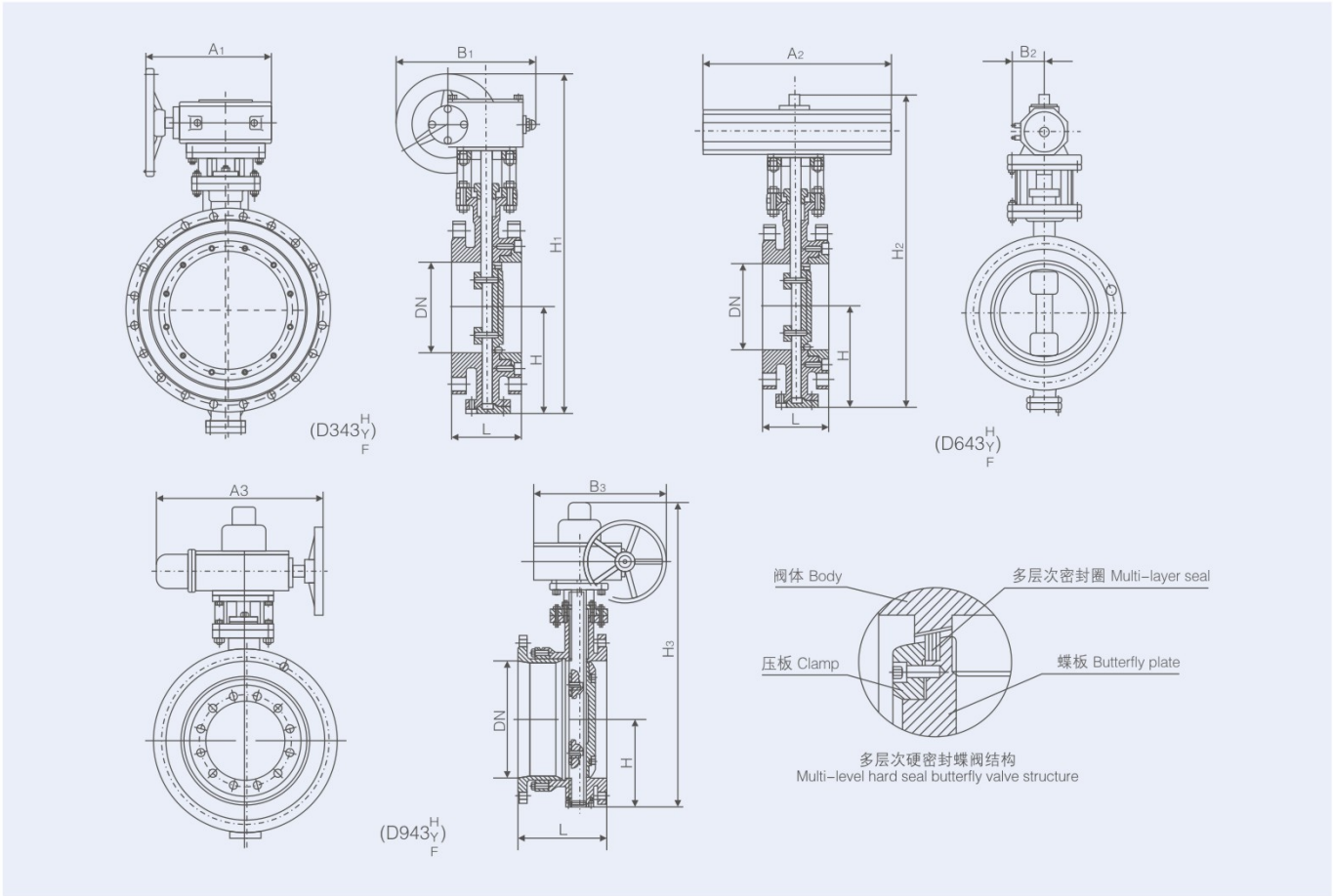
主要外形连接尺寸 Main Boundary Connection Dimensions

D(3、6、9)43H/Y/F PN1.6/2.5MPa

DN (mm)	L		H	D343H/Y/F			D643H/Y/F			D943H/Y/F		
	短 Short	长 Long		H1	A1	B1	H2	A2	B2	H3	A3	B3
50	108	150	112	350	180	200	625	245	72	530	250	255
65	112	170	115	370	180	200	625	245	72	530	250	255
80	114	180	120	380	180	200	645	245	72	565	250	255
100	127	190	138	420	180	200	675	355	92	600	250	255
125	140	200	164	460	180	200	715	355	92	640	250	255
150	140	210	175	555	270	280	800	355	92	705	300	315
200	152	230	200	760	400	425	850	250	170	775	300	315
250	165	250	243	830	400	425	925	250	170	945	300	315
300	178	270	250	895	450	560	1035	450	220	1070	300	315
350	190	290	280	950	450	560	1070	450	220	1140	300	315
400	216	310	305	1190	535	580	1190	450	220	1210	300	315
450	222	330	350	1255	535	580	1250	650	280	1335	575	714
500	229	350	380	1305	535	580	1290	650	280	1415	575	714
600	267	390	445	1340	570	660	1455	850	380	1605	656	810
700	292	430	480	1520	750	550	1585	850	380	1844	656	810
800	318	470	530	1710	750	550	1700	1250	380	2040	656	810
900	330	510	580	1810	750	550	1865	1250	380	2255	785	863
1000	410	550	650	1960	900	750	2015	1250	380	2380	785	863
1200	470	630	760	2250	1000	925	2250	1250	380	2640	785	863
1400	530	710	850	2435	1000	925	—	—	—	2886	—	—
1600	600	790	1030	2780	1000	925	—	—	—	3156	—	—
1800	670	870	1230	3020	1100	980	—	—	—	3421	—	—
2000	760	950	1350	3270	1100	980	—	—	—	3685	—	—

注：本表中结构长度按GB/T 12221标准。Note: the structure length in this table is in accordance with GB / T 12221.

法兰式三偏心多层次硬密封蝶阀
FLANGE TRIPLE OFFSET MULTI-LAYER METAL SEAT BUTTERFLY VALVE

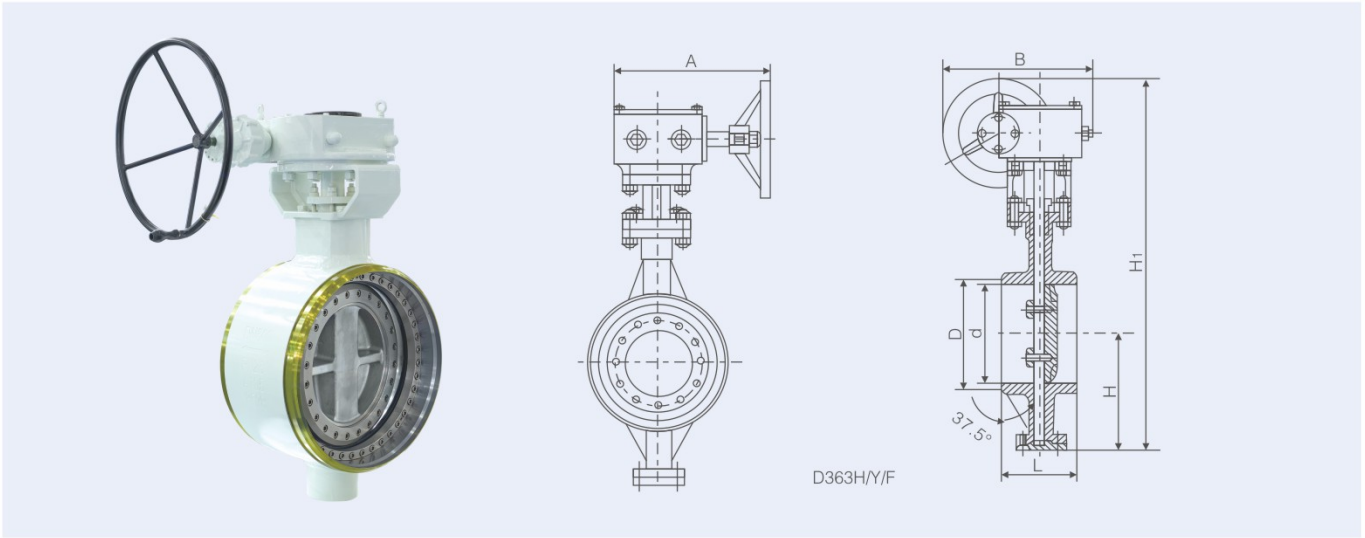


主要外形连接尺寸 Main Boundary Connection Dimensions D(3、6、9)43H/Y/F PN4.0MPa

DN (mm)	L		H	D373H/Y/F			D673H/Y/F			D973H/Y/F		
	短 Short	长 Long		H1	A1	B1	H2	A2	B2	H3	A3	B3
50	108	150	112	350	180	200	625	250	170	530	250	255
65	112	170	115	370	270	280	625	250	170	530	250	255
80	114	180	120	380	270	280	645	250	170	565	250	255
100	127	190	138	420	270	280	675	250	170	600	250	255
125	140	200	164	460	380	420	715	450	220	640	250	255
150	140	210	175	555	380	420	800	450	220	705	300	315
200	152	230	200	780	400	425	850	450	220	775	300	315
250	165	250	243	830	400	425	925	450	280	945	300	315
300	178	270	250	895	450	560	1035	650	280	1070	300	315
350	190	290	280	950	450	560	1070	650	280	1140	300	315
400	216	310	305	1190	535	580	1190	650	280	1210	300	315
450	222	330	350	1255	535	580	-	-	-	1335	575	714
500	229	350	380	1305	535	580	-	-	-	1415	575	714

注：本表中结构长度按GB/T 12221标准。Note: the structure length in this table is in accordance with GB / T 12221.

对焊式三偏心多层次硬密封蝶阀
BUTT WELDING TRIPLE OFFSET MULTI-LAYER METAL SEAT BUTTERFLY VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions PN0.6/1.0MPa

公称压力 Nominal pressure PN0.6MPa									公称压力 omlnal pressure PN1.0MPa							
DN mm	外形尺寸 Boundary dimensions							WT (kg)	外形尺寸 Boundary dimensions							WT (kg)
	L	D	d	H	H ₁	A	B		L	D	d	H	H ₁	A	B	
600	390	636	602	499	1280	570	660	450	390	636	602	499	1280	570	660	465
700	430	726	692	566	1480	750	550	660	430	726	692	566	1480	750	550	680
800	470	826	792	632	1608	750	550	780	470	826	792	632	1608	750	550	810
900	510	926	892	693	1857	750	550	820	510	926	892	693	1857	750	550	860
1000	550	1028	992	757	2038	900	750	1460	550	1028	992	757	2038	900	750	1625
1200	630	1228	1192	851	2237	1000	925	1590	630	1228	1192	851	2237	1000	925	1770
1400	710	1428	1392	876	2411	1000	925	2185	710	1428	1392	876	2411	1000	925	2425
1600	790	1628	1592	1095	2756	1000	925	3210	790	1628	1592	1095	2756	1000	925	3560
1800	870	1828	1792	1214	3093	1100	980	4090	870	1828	1792	1214	3093	1100	980	4545
2000	950	2028	1992	1332	3355	1100	980	5610	950	2028	1992	1332	3355	1100	980	6230

主要外形连接尺寸 Main Boundary Connection Dimensions PN1.6MPa

公称压力 Nominal pressure PN1.6MPa									公称压力 Nominal pressure PN1.6MPa								
DN	外形尺寸 Boundary dimensions							WT (kg)	DN	外形尺寸 Boundary dimensions							WT (kg)
mm	L	D	d	H	H ₁	A	B		mm	L	D	d	H	H ₁	A	B	
80	46	90	78	90	356	180	200	27	600	390	636	602	509	1369	570	660	457
100	52	110	96	100	375	180	200	34	700	430	726	692	572	1492	750	550	810
125	56	135	121	113	401	180	200	41	800	470	826	792	638	1622	750	550	1093
150	56	161	146	130	450	270	280	43	900	510	926	892	700	1924	750	550	1410
200	60	222	202	205	545	400	425	81	1000	550	1028	992	765	2054	900	750	1870
250	68	278	254	235	630	400	425	102	1200	630	1228	1192	860	2259	1000	925	2082
300	78	330	303	275	715	450	560	132	1400	710	1428	1392	986	2610	1000	925	2850
350	78	382	351	309	817	450	560	164	1600	790	1628	1592	1106	2856	1000	925	4235
400	102	432	398	346	923	535	580	193	1800	870	1828	1792	1226	3121	1100	980	5346
450	114	484	450	392	1059	535	580	238	2000	950	2028	1992	1345	3385	1100	980	7328
500	127	535	501	427	1126	535	580	302	—	—	—	—	—	—	—	—	—

注：本表中结构长度按GB/T 12221标准。 Note: The Face to Face in this table is in accordance with GB/T 12221 standard.

对夹式衬氟蝶阀

WAFER TYPE FLUORINE LINED BUTTERFLY VALVE

产品用途 Product Usage

D371F46-6/10/16Q对夹式衬氟蝶阀可适用于任何浓度的酸、碱、盐及氧化剂、还原剂、有机溶剂等介质，是化工、石油、医药、食品、钢铁冶炼、造纸、水电等系统的气体、液体、半流体的管路和容器上作截流和调节设备使用的理想产品。

D371F46-6/10/16Q Wafer type fluorine lined butterfly valve is suitable for any concentration of acid, alkali, salt, oxidizing agent, reducing agent, organic solvent and other media. It is an ideal product for intercepting and regulating equipment on gas, liquid, semi-fluid pipelines and containers of other systems.

产品特点 Product Features

- 1、体积小、重量轻、操作轻巧、便于安装、维修；
- 2、密封性能优良可靠、零泄漏，使用寿命长；
- 3、流量特性趋于直线，调节性能最优；
- 4、结构简单，开关迅速，90° 旋转启闭。
- 5、可代替闸阀、截止阀、旋塞阀、胶管阀及隔膜阀等各种阀的使用；
- 6、可根据用户需求配置气动、电动装置、满足遥控和程控的需要。

1. Small volume, light weight, light operation, easy to installation, maintenance;
2. Good sealing performance and reliable, zero leakage, long service life.
3. Flow curve tending to straight line, the optimal regulation performance;
4. Simple structure, rapid switch, 90 ° rotating opening and closing.
5. Can replace gate valve, globe valve, plug valve, hose valve, and the use of diaphragm valves and other valves;
6. Can provide a pneumatic,electric actuator according to user needs, meet the needs of the remote control and programmed control.

产品执行标准 Product Executive Standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to face	连接法兰 Flange end	试验与检验 Test & check
	GB/T12238	GB/T12221	GB/T9113	JB/T9092 GB/T13927
	EN 593、API 609	EN 558、API 609	EN 1092、ASME B16.5/B16.47	API 598

主要性能规范 Main Performance Specifications

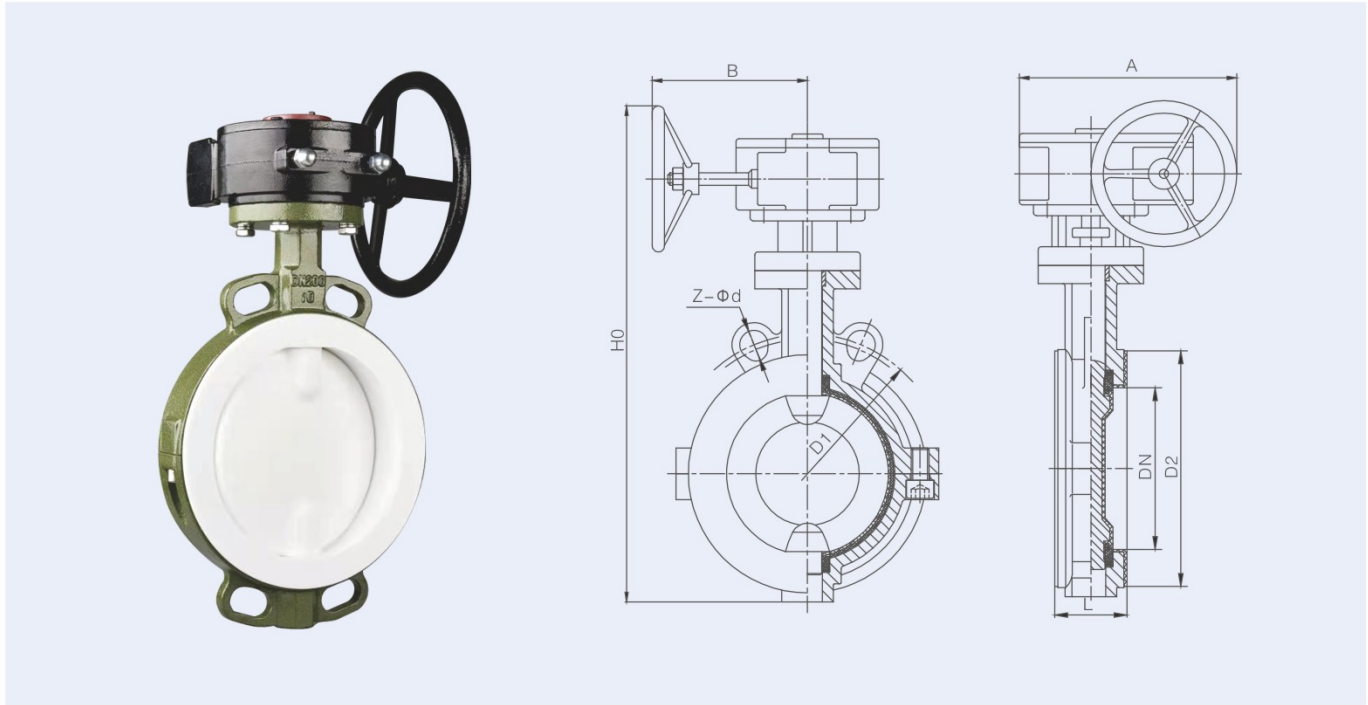
型号 Model	公称压力 PN(MPa)	试验压力Ps(MPa) Test pressure		工作温度(℃) Working temperature	适用介质 Applicable medium
		壳体 Shell	密封 Seal		
D371F4-10	1.0	1.5	1.1	-30~180	硫酸、氢氟酸、磷酸、氯气、苯、 强碱、王水、强氧化剂等具有强腐蚀性的 介质 Sulfuric acid, hydrofluoric acid, phosphoric acid, chlorine, benzene, alkali, wang, strong oxygenagents have the corrosive medium
D371F4-16	1.6	2.4	1.5	-30~180	
D371F46-10	1.0	1.5	1.1	-30~160	
D371F46-16	1.6	2.4	1.5	-30~160	

主要零件材料 Main Part Materials

型号 Model	零件名称 Part name	阀体 Body	蝶板 Dish plate	阀轴 Shaft	密封挡圈 Seal retainer	填衬 Filling lining	蜗轮 Worm gear
D371F4-10/16	材料 Materials	碳钢衬 聚四氟乙烯(F4) Carbon steel lining PTFE(F4)	碳钢芯子外衬 聚四氟乙烯(F4) Carbon steel Sand core lining PTFE(F4)	20Cr13	聚四氟乙烯 (F4) PTFE(F4)	硅橡胶 Silicone rubber	铸铁、 球墨铸铁 Cast iron, Ductile iron
D371F46-10/16		碳钢衬 聚全氟乙丙烯(F46) Carbon steel lining PFEP(F46)	碳钢芯子外衬 聚全氟乙丙烯(F46) Carbon steel Sand core lining PFEP(F46)				

对夹式衬氟蝶阀

WAFER TYPE FLUORINE LINED BUTTERFLY VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

D371F46-6/10/16Q

DN	L	H0	A	B	PN6		PN10		PN16	
					D1	Z-φd	D1	Z-φd	D1	Z-φd
50	43	306	180	200	110	4-14	125	4-18	125	4-18
65	46	321	180	200	130	4-14	145	4-18	145	4-18
80	46	346	180	200	150	4-18	160	8-18	160	8-18
100	52	387	180	200	170	4-18	180	8-18	180	8-18
125	56	411	180	200	200	8-18	210	8-18	210	8-18
150	56	447	270	280	225	8-18	240	8-22	240	8-22
200	60	572	270	280	280	8-18	295	8-22	295	12-22
250	68	646	270	280	335	12-18	350	12-22	355	12-26
300	78	738	380	420	395	12-22	400	12-22	410	12-26
350	78	761	380	420	445	12-22	460	16-22	470	16-26
400	88	877	450	470	495	16-22	515	16-26	525	16-30
450	107	938	480	490	550	16-22	565	20-26	585	20-30
500	127	993	480	490	600	20-22	620	20-26	650	20-33
600	154	1131	480	490	705	20-26	725	20-30	770	20-36

注：本表中法兰尺寸按HG/T 20592-2009和EN1092、ASME B16.5/16.47、JIS B2220标准，结构长度按GB/T 12221-2005和EN558、API609标准。
Note: The dimensions of the flanges in this table are in accordance with HG/T20592-2009and EN1092,ASME B16.5/16.47,JIS B2220, and the length of the structure is in accordance with GB/T 12221-2005 and EN558,API 609.

法兰式衬氟蝶阀
FLANGE TYPE FLUORINE LINED BUTTERFLY VALVE

产品用途 Product Usage

D341F46-6/10/16Q法兰式衬氟蝶阀广泛适用于各种不同类型工业管道中液体和气体(包括蒸汽)的输送，特别是具有严重腐蚀性介质的使用场合，如：氢氟酸、磷酸、氯气、强碱、王水等具有强腐蚀性的介质。

D341F46-6/10/16Q Flange type fluorine lined butterfly valve is widely used in the transportation of liquids and gases (including steam) in various types of industrial pipelines, especially in the use of severe corrosive media, such as: hydrofluoric acid, Phosphoric acid, chlorine, strong alkali, aqua regia and other highly corrosive media.

产品特点 Product Features

- 1、体积小、安装方便；

2、中线蝶阀为整个蝶板与阀座在360° 圆周内同心(中线)，具有双向密封功能，压力、流量可自由调节；

3、四级加载弹性密封，绝对保证了阀门内、外的零泄露。
1. Small volume, convenient installation;

2. The center line butterfly valve for the whole of the butterfly plate and valve seat in 360° circumferential concentric (middle), have two-way sealing function, pressure and flow rate can be adjusted freely;

3. 4 class load elastic seal, absolutely guaranteed the valve inside and outside of zero leakage.

产品执行标准 Product Executive Standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to face	连接法兰 Flange end	试验与检验 Test & check
	GB/T12238	GB/T12221	GB/T9113	JB/T9092 GB/T13927
	EN 593、API 609	EN 558、API 609	EN 1092、ASME B16.5/B16.47	API 598

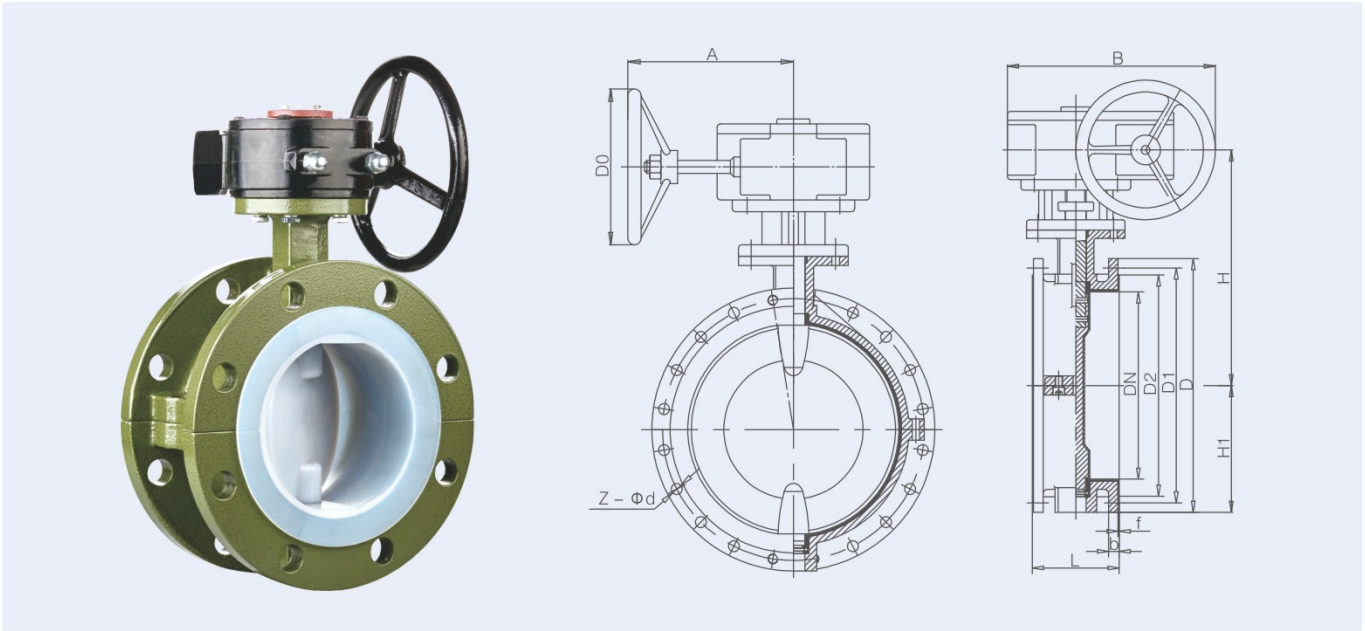
主要性能规范 Main Performance Specifications

型号 Model	公称压力 PN(MPa)	试验压力Ps(MPa) Test pressure		工作温度(℃) Working temperature	适用介质 Applicable medium
		壳体 Shell	密封 Seal		
D341F4-10	1.0	1.5	1.1	-30~180	硫酸、氢氟酸、磷酸、氯气、苯、强碱、王水、强氧化剂和还原剂等 有强腐蚀性的介质 Sulfuric acid, hydrofluoric acid, phosphoric acid, chlorine, benzene, alkali, wang, strong oxygen agent and reducing agent, etc have the corrosive medium
D341F4-16	1.6	2.4	1.5	-30~180	
D341F46-10	1.0	1.5	1.1	-30~160	
D341F46-16	1.6	2.4	1.5	-30~160	

主要零件材料 Main Part Materials

型号 Model	零件名称 Part name	阀体 Body	阀板 Plate	阀杆 Stem	密封挡圈 Seal retainer	填衬 Filling lining	蜗轮 Worm gear
D341F4-10/16	材料 Materials	碳钢衬 聚四氟乙烯(F4) Carbon steel lining PTFE(F4)	碳钢衬 聚四氟乙烯(F4) Carbon steel lining PTFE(F4)	20Cr13	聚四氟乙烯 (F4) PTFE(F4)	硅橡胶 Silicone rubber	铸铁、 球墨铸铁 Cast iron, Ductile iron
D341F46-10/16		碳钢衬 聚全氟乙丙烯(F46) Carbon steel lining PFEP(F46)	碳钢衬 聚全氟乙丙烯(F46) Carbon steel lining PFEP(F46)				

法兰式衬氟蝶阀
FLANGE TYPE FLUORINE LINED BUTTERFLY VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

D341F46-6/10/16Q

DN	L	H1	H	A	B	PN6				PN10				PN16			
						D	D1	D2	Z-Φd	D	D1	D2	Z-Φd	D	D1	D2	Z-Φd
50	108	63	306	180	200	140	110	90	4-14	165	125	102	4-18	165	125	102	4-18
65	112	70	321	180	200	160	130	110	4-14	185	145	122	8-18	185	145	122	8-18
80	114	83	346	180	200	190	150	128	4-18	200	160	138	8-18	200	160	138	8-18
100	127	105	387	180	200	210	170	148	4-18	220	180	158	8-18	220	180	158	8-18
125	140	115	411	180	200	240	200	178	8-18	250	210	188	8-18	250	210	188	8-18
150	140	137	447	270	280	265	225	202	8-18	285	240	212	8-22	285	240	212	8-22
200	152	164	572	270	280	320	280	258	8-18	340	295	268	8-22	340	295	268	12-22
250	250	206	646	270	280	375	335	312	12-18	395	350	320	12-22	405	355	320	12-26
300	270	230	738	380	420	440	395	365	12-22	445	400	370	12-22	460	410	378	12-26
350	290	248	761	380	420	490	445	415	12-22	505	460	430	16-22	520	470	428	16-26
400	310	289	877	450	470	540	495	465	16-22	565	515	482	16-26	580	525	490	16-30
450	330	320	938	480	490	595	550	520	16-22	615	565	532	20-26	640	585	550	20-30
500	350	343	993	480	490	645	600	570	20-22	670	620	585	20-26	715	650	610	20-33
600	390	413	1131	480	490	755	705	670	20-26	780	725	685	20-30	840	770	725	20-36
700	430	478	1476	640	660	860	810	775	24-26	895	840	800	24-30	910	840	795	24-36
800	470	525	1533	640	660	975	920	880	24-30	1015	950	905	24-33	1025	950	900	24-39
900	510	585	1655	750	860	1075	1020	980	24-30	1115	1050	1005	28-33	1125	1050	1000	28-39
1000	550	640	1765	850	900	1175	1120	1080	28-30	1230	1160	1110	28-36	1255	1170	1115	28-42

注：本表中法兰尺寸按HG/T 20592-2009和EN1092、ASME B16.5/16.47、JIS B2220标准，结构长度按GB/T 12221-2005和EN558、API609标准。
Note: The dimensions of the flanges in this table are in accordance with HG/T20592-2009and EN1092,ASME B16.5/16.47,JIS B2220, and the length of the structure is in accordance with GB/T 12221-2005 and EN558,API 609.

中线对夹式软密封蝶阀
CENTERLINE WAFER SOFT SEAL BUTTERFLY VALVE

产品用途 Product Usage

本系列蝶阀采用中线密封结构设计，其阀门主要结构由阀体、蝶板、阀座、阀杆及传动机构等部件组成，阀座采用可脱卸构造，并可根据不同介质的物理化学介质特性，选用相应的耐腐蚀、耐光、耐老化材质，可广泛应用于给排水、空调、石油、化工、食品、医药、能源系统等流体管线上作为调节和截流装置使用。

This series of butterfly valves adopts centerline sealing structure design. The main structure of the valve is composed of valve body, butterfly plate, wide seat, valve stem, and transmission mechanism. The valve seat adopts a detachable structure, and corresponding corrosion-resistant, light resistant, and aging resistant materials are selected according to the physical and chemical characteristics of different media. It can be widely used in water supply and drainage, air conditioning, petroleum, chemical, food, medicine, etc Used as a regulating and shut-off device on fluid pipelines such as energy systems.

产品特点 Product Features

- 1、设计新颖、合理、结构独特，重量轻，启闭迅速；

2、操作力矩小，操作方便，省力灵巧；

3、可以任何位置安装，维修方便；

4、密封件可以更换，密封性能可靠达到双向密封零泄漏；

5、密封材料耐老化、耐弱腐蚀，使用寿命长等特点。
1. Novel design, reasonable, unique structure, light weight, rapid opening and closing;

2. Small operation torque, easy to operate, saving smart;

3. Can be installed anywhere, convenient maintenance;

4. Seal can be replaced, sealed performance is reliable to achieve two-way sealing zero leakage;

5. Sealing material resistance to ageing, weak corrosion, long service life, etc.

执行标准 Execution Standard

产品规范 Product regulation	设计规范 Design regulation	结构长度 Face to face	连接法兰 Connection flange	试验与检验 Test & inspection
	GB/T12238	GB/T12221	GB/17241.6、GB/T9113	GB/T13927、GB/T26480

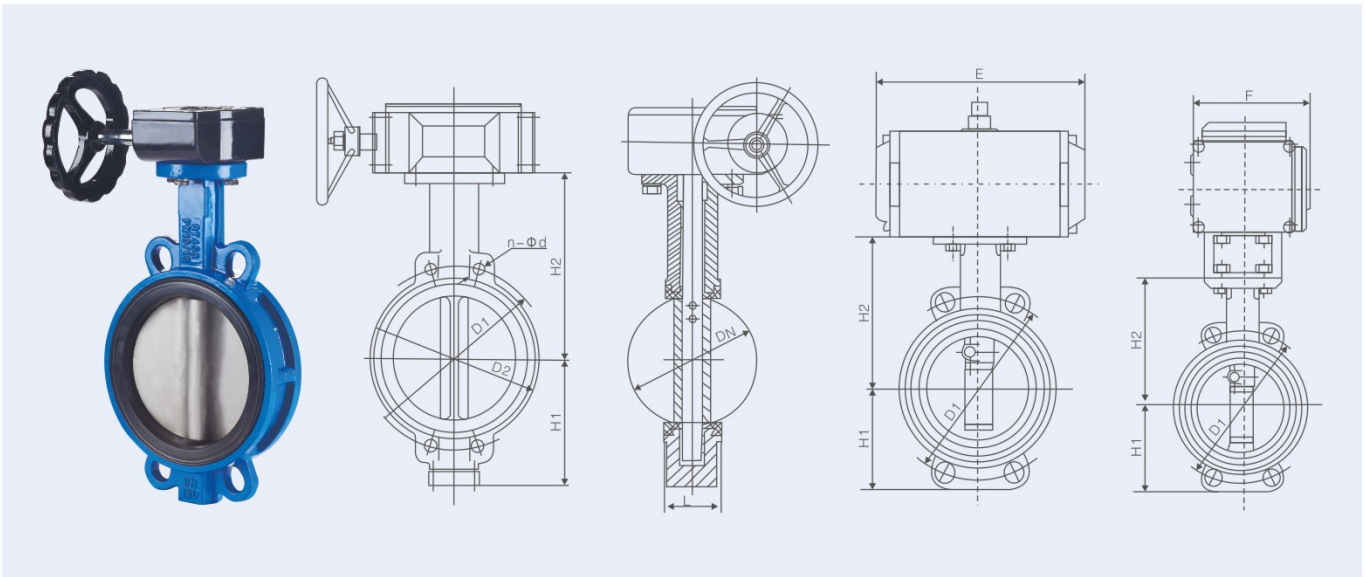
主要性能规范 Main Performance Specifications

公称通径 Nominal diameter	DN(mm)	50~1600			
公称压力 Nominal pressure	PN(MPa)	0.25	0.6	1.0	1.6
试验压力(MPa) Test pressure	强度试验 Strength test	0.38	0.9	1.5	2.4
	密封试验 Seal test	0.28	0.66	1.1	1.76
	气密封试验 Gas seal test	0.5~0.7MPa			
适用介质 Applicable medium	水、油品、蒸汽、酸、碱等 Water, oil, steam, acid, alkali, etc				
适用温度(℃) Applicable temperature	-40℃~150℃				
传动方式 Transmission way	手动、蜗轮传动、电动、气动、液动 Manual, worm gear, electric, pneumatic, hydraulic				

主要零件材料 Main Part Materials

零件名称 Part name	材 料 Material
阀体 Body	球墨铸铁、灰铸铁、铸钢体、不锈钢体 Ductile iron, cast iron, cast steel, stainless steel
阀板 Plate	球墨铸铁（表面处理：镀镍、喷N11、全衬EPDM、全衬PTFE）、CF8、CF8M、铜合金、蒙乃尔、双相钢等 Ductile iron (surface treatment: nickel plating, spray N11, fully lined with EPDM, fully lined with PTFE), CF8, CF8M, copper alloy, Monel, duplex steel, etc
阀杆 Stem	SS410、SS416、SS431、SS304、20Cr13
阀座 Seat	三元乙丙橡胶(EPDM)、丁腈橡胶(NBR)、天然橡胶、氟橡胶、硅胶、聚四氟乙烯(PTFE)等 EPDM, NBR, natural rubber , Viton,silicone, PTFE, etc.
O型圈 O-Ring	乙丙橡胶、丁腈橡胶 EPDM,NBR
轴套 Bushing	聚四氟乙烯、青铜 PTFE, bronze

中线对夹式软密封蝶阀
CENTERLINE WAFER SOFT SEAL BUTTERFLY VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

公称通径 DN(mm)	主要尺寸 Main dimensions					法兰尺寸和螺栓规格 Flange dimensions and bolt specifications					
						0.6MPa		1.0MPa		1.6MPa	
	L	H1	H2	E	F	D1	n-Φd	D1	n-Φd	D1	n-Φd
50	43	80	160	137	109	110	4-Φ14	120	4-Φ19	125	4-Φ19
65	46	88	175	204	109	130	4-Φ14	136	4-Φ19	145	4-Φ19
80	46	96	180	204	109	150	4-Φ19	160	4-Φ19	160	4-Φ19
100	52	115	200	230	135	170	4-Φ19	185	4-Φ19	180	4-Φ19
125	56	128	213	271	135	200	4-Φ19	215	4-Φ19	210	4-Φ19
150	56	140	225	305	153	225	4-Φ19	238	4-Φ23	240	4-Φ23
200	60	175	260	380	218	280	4-Φ19	295	4-Φ23	295	4-Φ23
250	68	202	290	462	218	335	4-Φ19	357	4-Φ23	355	4-Φ28
300	78	242	330	555	218	395	4-Φ23	407	4-Φ23	410	4-Φ28
350	78	266	360	-	-	445	4-Φ23	467	4-Φ23	470	4-Φ28
400	102	298	390	-	-	495	4-Φ23	515	4-Φ28	525	4-Φ31
450	114	315	410	-	-	550	4-Φ23	565	4-Φ28	585	4-Φ31
500	127	348	430	-	-	600	4-Φ23	620	4-Φ24	650	4-Φ30
600	154	400	490	-	-	705	4-Φ26	725	4-Φ27	770	4-Φ33
700	165	520	550	-	-	810	4-Φ26	840	4-Φ27	840	4-Φ33
800	190	591	610	-	-	920	4-Φ31	950	4-Φ30	950	4-Φ36
900	203	660	680	-	-	1020	4-M27	1050	4-M30	1050	4-M36
1000	216	670	730	-	-	1120	4-M27	1160	4-M33	1170	4-M39
1200	254	780	835	-	-	1340	4-M30	1380	4-M36	1390	4-M45
1400	279	890	935	-	-	1560	4-M33	1590	4-M39	1590	4-M45
1600	318	1000	1035	-	-	1760	4-M33	1820	4-M45	1820	4-M52

注:可根据ANSI、JIS、DIN标准及非标尺寸生产，表中所列的螺栓孔径是铸铁法兰的孔径。
Note: It can be produced according to ANSI, JIS, DIN standards and non-standard sizes, and the bolt aperture listed in the table is the aperture of the cast iron flange.

法兰连接中线蝶阀

FLANGED CENTERLINE BUTTERFLY VALVE

产品特点 Product 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。

4、橡胶阀座：一体式阀座，适用各类工况使用，极低的扭矩值，阀门两端橡胶面与法兰结合面较宽，安装时无需对夹蝶阀专用法兰，橡胶阀座粘接于阀体本体更适合真空度较高管路，避免由于管路真空负压，使阀座移动、变形。

5、阀杆：中心型整体阀杆设计，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、销子：圆锥销，可有效传递力矩，有效密封无泄漏。
1. Top flange: standardized drive device flange, conforming to ISO5211.

2. Body: Ductile iron and other applicable materials are used.

3. Plate: The streamlined valve plate effectively reduces pressure loss and flow loss. The edge of the valve plate is spherically processed nd hand polished.It has the characteristics of low operating torque, long valve seat life and good sealing performance. It can be selected according to a variety of media materials.

4. Rubber valve seat: one-piece valve seat, suitable for all kinds of working conditions, extremely low torque value, wide rubber surface and flange joint surface at both ends of the valve, no special flange for clamping butterfly valve, rubber seat for installation bonding to the valve body is more suitable for pipelines with higher vacuum degree to avoid the valve seat moving and deforming due to the vacuum negative pressure of the pipeline.

5. Stem: Central type integral valve stem design, two-way sealing without leakage, installation without restriction of flow direction.

6. Shaft sleeve: copper alloy, more wear-resistant and effectively reduce torque.

7. "O" ring: NBR nitrile rubber, effective dust proof and internal leakage.

8. Pin: conical pin, which can effectively transmit torque and effectively seal without leakage.

主要性能规范 Main Performance Specifications

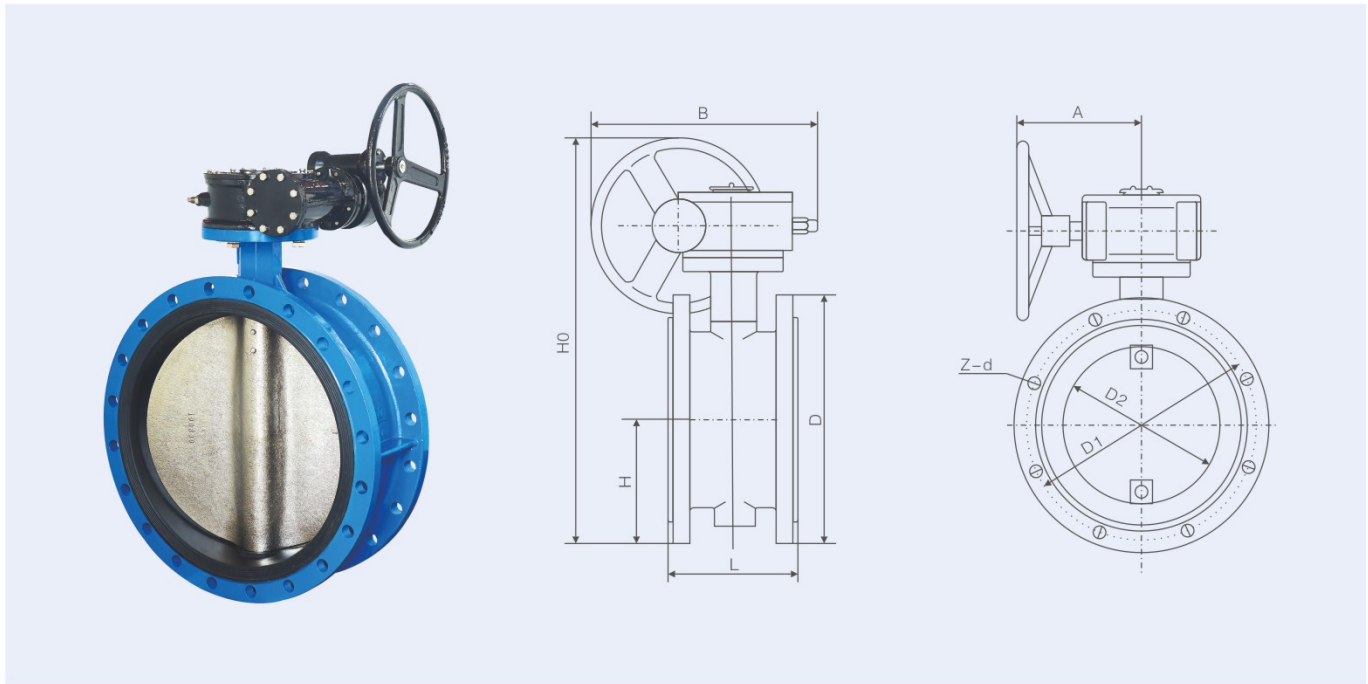
公称通径DN(mm) Nominal diameter		DN50–DN1400	DN50–DN1400	DN600–DN2400
公称压力PN(MPa) Nominal pressure		1.0	1.6	0.6
试验压力 Testing pressure	密封 Seal(MPa)	1.1	1.76	0.66
	壳体 Shell(MPa)	1.5	2.4	0.9
适用温度 Applicable temperature		-10℃~100℃		
适用介质 Applicable medium		水、污水、空气、蒸汽、食品、药品、各种油类、酸类、碱类、盐类等 Water, sewage, air, steam, food, medicine, various oils, acids, alkalis, salts, etc.		

主要零件材料 Main Part Materials

零件名称 Part name	材质 Material
阀体 Body	球墨铸铁、灰铸铁、碳钢、不锈钢 Ductile iron, cast iron, carbon steel, stainless steel
阀板 Plate	球墨铸铁(表面处理: 镀镍、喷N11、全衬EPDM、全衬PTFE)、CF8、CF8M、铜合金、蒙乃尔、双相钢等 Ductile iron (surface treatment: nickel plating, spray N11, fully lined with EPDM, fully lined with PTFE), CF8, CF8M, copper alloy, Monel, duplex steel, etc
阀杆 Stem	SS410、SS416、SS431、SS304、20Cr13
阀座 Seat	三元乙丙橡胶(EPDM)、丁腈橡胶(NBR)、天然橡胶、氟橡胶、硅胶、聚四氟乙烯(PTFE)等 EPDM, NBR, natural rubber, viton, silicone, PTFE, etc.
O型圈 O-Ring	乙丙橡胶、丁腈橡胶 EPDM,NBR
轴套 Bushing	聚四氟乙烯、青铜 PTFE, Bronze

法兰连接中线蝶阀

FLANGED CENTERLINE BUTTERFLY VALVE



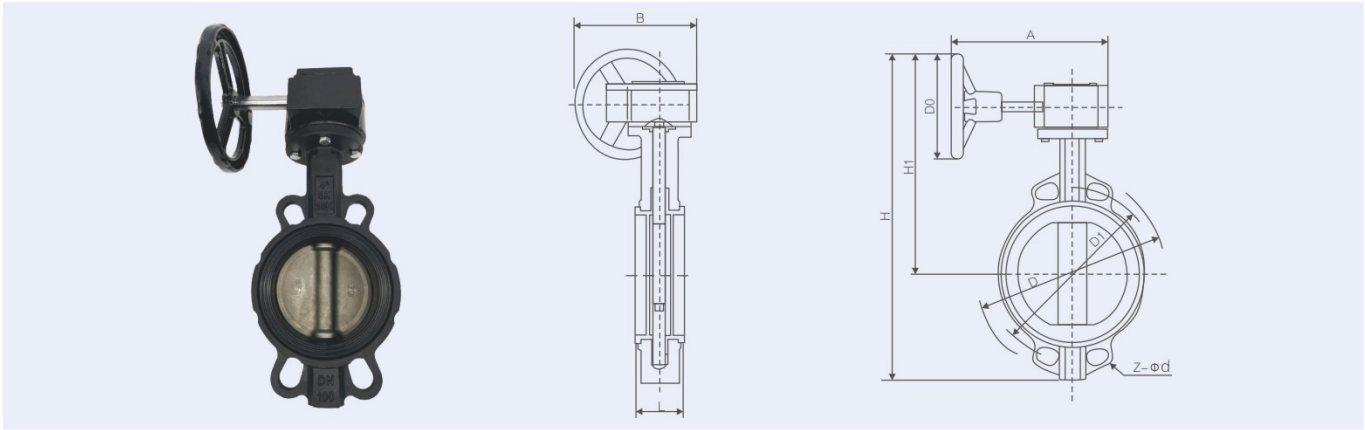
主要外形连接尺寸 Main Boundary Connection Dimensions

D3/6/941X-10/16Q 单位Unit: mm

公称通径 (DN) Nominal diameter	结构长度 (标准值) Face to Face (Standard)	外形尺寸(参考值) External dimension(consult)				连接尺寸(标准值) Connection dimension(standard)											
						0.6MPa				1.0MPa				1.6MPa			
mm	L	H	H0	A	B	D	D1	D2	n-d	D	D1	D2	n-d	D	D1	D2	n-d
50	108	82.5	338	180	65	140	110	88	4-14	165	125	99	4-18	165	125	99	4-18
65	112	92.5	358	180	65	160	130	108	4-14	185	145	118	4-18	185	145	118	4-18
80	114	100	413	245	72	190	150	124	4-18	200	160	132	8-18	200	160	132	8-18
100	127	110	428	240	72	210	170	144	4-18	220	180	156	8-18	220	180	156	8-18
125	140	125	444	240	72	240	200	174	8-18	250	210	184	8-18	250	210	184	8-18
150	140	142.5	553	350	93	265	225	199	8-18	285	240	211	8-22	285	240	211	8-22
200	152	170	678	350	93	320	280	254	8-18	340	295	266	8-22	340	295	266	12-22
250	165	197.5	742	550	350	375	335	309	12-18	395	350	319	12-22	405	355	319	12-26
300	178	222.5	803	600	350	440	395	363	12-22	445	400	370	12-22	460	410	370	12-26
350	190	252.5	866	600	350	490	445	413	12-22	505	460	429	16-22	520	470	429	16-26
400	216	282.5	940	600	350	540	495	463	16-22	565	515	480	16-26	580	525	480	16-30
450	222	307.5	995	750	380	595	550	518	16-22	615	565	530	20-26	640	585	548	20-30
500	229	335	1058	750	380	645	600	568	20-22	670	620	582	20-26	715	650	609	20-33
600	267	390	1163	750	380	755	705	667	20-26	780	725	682	20-30	840	770	720	20-36
700	292	447.5	1283	750	380	860	810	772	24-26	895	840	794	24-30	910	840	794	24-36
800	318	507.5	1398	750	380	975	920	878	24-30	1015	950	901	24-33	1025	950	901	24-39
900	330	557.5	1498	1250	380	1075	1020	978	24-30	1115	1050	1001	28-33	1125	1050	1001	28-39
1000	410	615	1608	1500	580	1175	1120	1078	28-30	1230	1160	1112	28-36	1255	1170	1112	28-42
1200	470	727.5	1876	1500	580	1405	1340	1295	32-33	1455	1380	1328	32-39	1485	1390	1328	32-48

对夹式蜗轮(衬胶)脱硫蝶阀

WAFER WORM GEAR(RUBBER LINING)DESULFURIZATION BUTTERFTY VALVE



主要性能规范 Main Performance Specifications

适用温度 Applicable temperature	应用介质 Application medium
天然胶≤85℃ NBR	石膏浆液、石灰石浆液、 回收水、工艺水、废水 gypsum serosity ,limestone serosity, recycle-water, process water, waste water
三元乙丙胶≤100℃ EPOM	

主要零件材料 Main Part Materials

名称 Name	材料 Material
阀体 Body	灰铸铁、球墨铸铁、碳钢 Gray Iron, Ductile Iron ,Carbon steel
蝶板 Butterfly plate	碳钢包覆橡胶、碳钢包覆氟塑料、不锈钢 双相不锈钢板 1.4529、C276 Rubber coated carbon steel, fluorplastic coated carbon steel,stainless seel, Duplex stainless steel 1.4529、 C276
阀座 Seat	天然橡胶 NR、三元乙丙胶 EPOM
阀杆 Stem	不锈钢 Stainless steel、2Cr13、 304

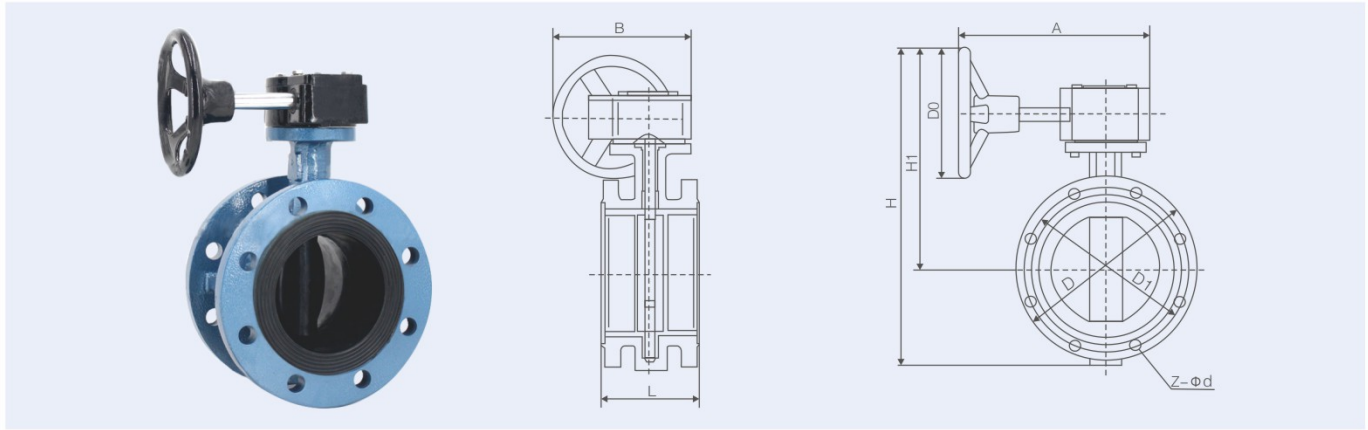
主要外形连接尺寸 Main Boundary Connection Dimensions

PN6/10 单位Unit: mm

公称通径 (DN)	L	D	D1	Z-Φd	H	H1	A	B	D0	重量(kg) Weight
40	33	150	110	4-18	350	270	193	125	150	7
50	43	165	125	4-18	360	280	193	125	150	8
65	46	185	145	4-18	385	295	193	125	150	9
80	46	200	160	8-18	396	300	193	125	150	10
100	52	220	180	8-18	430	315	193	125	150	11
125	56	250	210	8-18	460	335	193	125	150	13
150	56	285	240	8-22	485	345	193	125	150	14
200	60	340	295	8-22	630	455	283	165	220	30
250	68	395	350	12-22	690	484	283	165	220	40
300	78	445	400	12-22	770	530	334	175	280	78
350	78	505	460	16-22	830	560	334	175	280	81
400	102	565	515	16-26	910	595	425	210	320	140
450	114	615	565	20-26	938	618	425	210	320	160
500	127	670	620	20-26	993	650	425	210	320	190
600	154	780	725	20-30	1131	718	425	210	320	315
700	165	895	840	24-30	1476	998	620	320	400	480
800	190	1015	950	24-33	1533	1008	620	320	400	516
900	203	1115	1050	28-33	1655	1070	620	320	400	780
1000	216	1230	1160	28-36	1765	1125	620	400	400	950
1100	230	1340	1270	32-36	1880	1184	620	400	400	1050
1200	254	1455	1380	32-39	1995	1240	620	400	400	1150
采用标准 Standard	设计制造Design: GB12238 结构长度 Structural legth: GB12221 法兰Flange: GB/T17241.6 PN1.0MPa									

法兰式(衬胶)脱硫蝶阀

FLANGE (RUBBER LINING) DESULFURIZATION BUTTERFLY VALVE



主要性能规范 Main Performance Specifications

适用温度 Applicable temperature	应用介质 Application medium
天然胶≤85℃ NBR	石膏浆液、石灰石浆液、 回收水、工艺水、废水 gypsum serosity ,limestone serosity, recycle-water, process water, waste water
三元乙丙胶≤100℃ EPOM	

主要零件材料 Main Part Materials

名称 Name	材料 Material
阀体 Body	灰铸铁、球墨铸铁、碳钢 Gray Iron, Ductile Iron ,Carbon steel
蝶板 Butterfly plate	碳钢包覆橡胶、碳钢包覆氟塑料、不锈钢 双相不锈钢板 1.4529、C276 Rubber coated carbon steel, fluorplastic coated carbon steel,stainless seel, Duplex stainless steel 1.4529、 C276
阀座 Seat	天然橡胶 NR、三元乙丙胶 EPOM
阀杆 Stem	不锈钢 Stainless steel、2Cr13、 304

主要外形连接尺寸 Main Boundary Connection Dimensions

PN 6/10 单位Unit: mm

公称通径 (DN)	公称压力 (PN)MPa	L	D	D1	Z-Φd	H	H1	A	B	D0	重量(kg) Weight
50	1.0	108	165	125	4-18	310	227	193	125	150	8
65		112	185	145	4-18	333	240	193	125	150	11.5
80		114	200	160	8-18	423	323	193	125	150	12.5
100		127	220	180	8-18	440	330	193	125	150	23
125		140	250	210	8-18	455	330	193	125	150	41
150		140	285	240	8-22	510	368	193	125	150	47
200		152	340	295	8-22	614	444	283	165	220	61
250		165	395	350	12-22	680	483	283	165	220	74
300		178	445	400	12-22	776	554	334	175	280	103
350		190	505	460	16-22	840	588	334	175	280	120
400		216	565	515	16-26	858	596	425	210	320	217
450		222	615	565	20-26	993	686	425	210	320	242
500		229	670	620	20-26	1056	721	425	210	320	279
600		267	780	725	20-30	1161	771	425	210	320	396
700		229	860	810	24-26	1350	818	503	393	450	265
700		292	895	840	24-30	1350	818	503	393	450	424
800	0.6	241	975	920	24-30	1440	858	503	393	450	345
800		318	1015	950	24-33	1440	858	503	393	450	552
900		241	1075	1020	24-30	1616	978	630	555	500	425
900		330	1115	1050	28-33	1616	978	630	555	500	680
1000		300	1175	1120	28-30	1780	1058	630	555	500	565
1000		410	1230	1160	28-36	1780	1058	630	555	500	906
1100		350	1305	1240	28-33	1995	1200	630	555	500	740
1100		440	1340	1270	32-36	1995	1200	630	555	500	1184
1200	1.0	350	1405	1340	32-33	2045	1250	630	555	500	910
1200	0.6	470	1455	1380	32-36	2045	1250	630	555	500	1456
采用标准 Standard	1.0	设计制造Design: GB12238 结构长度 Structural legth: GB12221 法兰Flange: GB/T17241.6 PN1.0MPa									

双偏心软密封法兰蝶阀

DOUBLE ECCENTRIC SOFT SEALING FLANGE BUTTERFLY VALVE

产品用途 Product Usage

本蝶阀适于冶金、化工电力和市政工程及水厂等介质为水、油品和空气管道上，起切断流体和调节介质流量等作用。

This valve is suitable for metallurgy, chemical engineering and electrical and municipal waterworks, and other media for water, oil and air pipes, cut off from the flow of fluid medium such as the role and regulation.

产品特点 Product Features

- 1、本蝶阀设计结构新颖，整体尺寸小，重量轻。

2、蝶板采用双偏心，启动迅速，操作轻更省力。

3、蝶板采用双偏心，使蝶板与密封圈间无滑动摩擦，密封面耐磨损使用寿命长，密封可靠，易调整。
- 1、This valve design of novel structure, the overall small size; light weight.

2、Double eccentric butterfly plate, start quickly, the operation is more labor-saving light.

3、Double eccentric butterfly plate, so that seal between the butterfly plate and no sliding friction, wear resistance and long service life sealing surface sealing, reliable, easy to adjust.

执行标准 Execution Standard

产品规范 Product regulation	设计规范 Design regulation	结构长度 Face to face	连接法兰 Connection flange	试验与检验 Test & inspection
	GB/T12238	GB/T12221	GB/17241.6、GB/T9113	GB/T13927、GB/T26480

主要性能规范 Main Performance Specifications

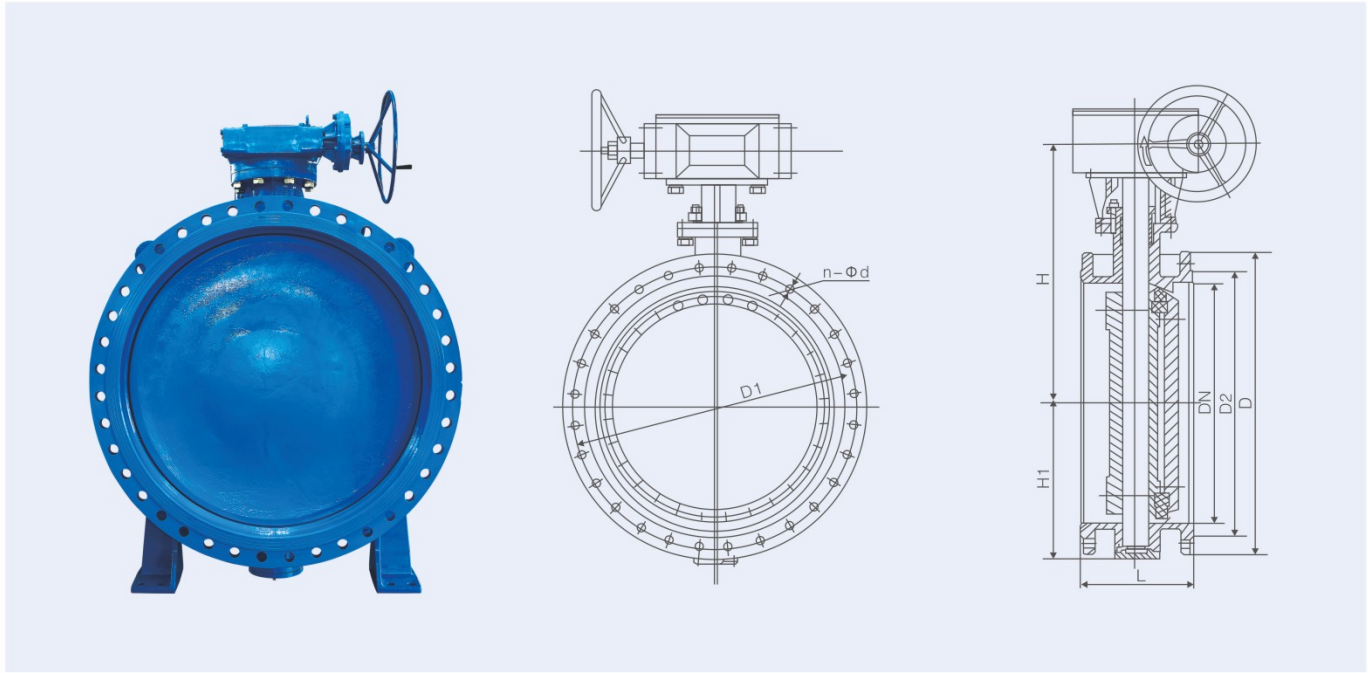
公称通径 DN(mm) Nominal diameter		DN100–DN3400	DN100–DN1200	DN600–DN300
公称压力 PN(MPa) Nominal pressure		1.0	1.6	0.6
试验压力 Test pressure	密封(MPa) Seal	1.1	1.76	0.66
	壳体(MPa) Shell	1.5	2.4	0.9
适用温度 Applicable temperature		–10℃~100℃		
适用介质 Applicable medium		淡水、污水、海水、空气等 Fresh water, sewage, sea water, air, etc.		

主要零件材料 Main Part Materials

零件名称 Part name	材质 Material
阀体 Body	球墨铸铁、灰铸铁、碳钢、不锈钢 Ductile iron, cast iron, carbon steel, stainless steel
阀板 Plate	球墨铸铁(表面处理：镀镍、喷N11、全衬EPDM、全衬PTFE)、CF8、CF8M、铜合金、蒙乃尔、双相钢等 Ductile iron (surface treatment: nickel plating, spray N11, fully lined with EPDM, fully lined with PTFE), CF8, CF8M, copper alloy, Monel, duplex steel, etc
阀杆 Stem	SS410、SS416、SS431、SS304、20Cr13
阀座 Seat	三元乙丙橡胶(EPDM)、丁腈橡胶(NBR)、天然橡胶、氟橡胶、硅胶、聚四氟乙烯(PTFE)等 EPDM, NBR, natural rubber, viton, silicone, PTFE, etc.
O型圈 O-Ring	乙丙橡胶、丁腈橡胶 EPDM,NBR
轴套 Bushing	聚四氟乙烯、青铜 PTFE, Bronze

双偏心软密封法兰蝶阀

DOUBLE ECCENTRIC SOFT SEALING FLANGE BUTTERFLY VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

公称通径 DN(mm)	L		H1	H2	0.6MPa				1.0MPa			
	短系列 Short Series	长系列 Long series			D	D1	D2	n-Φd	D	D1	D2	n-Φd
100	127	127	120	240	210	170	144	4–19	220	180	144	8–19
125	140	140	130	270	240	200	174	8–19	250	210	174	8–19
150	140	140	150	300	265	225	199	8–19	285	240	199	8–23
200	152	152	180	330	320	280	254	8–19	340	295	254	8–23
250	165	250	220	400	375	335	309	12–19	395	350	309	12–23
300	178	270	220	410	440	395	363	12–23	445	400	363	12–23
350	190	290	270	460	490	445	413	12–23	505	460	413	16–23
400	216	310	290	510	540	495	463	16–23	565	515	463	16–28
450	222	330	320	560	595	550	518	16–23	615	565	518	20–28
500	229	350	360	590	645	600	568	20–23	670	620	568	20–28
600	267	390	390	660	755	705	887	20–26	780	725	667	20–31
700	292	430	460	780	860	810	772	24–26	895	840	772	24–31
800	318	470	530	850	975	920	878	23–31	1015	950	878	24–34
900	330	510	570	920	1075	1020	978	24–31	1115	1050	978	28–34
1000	410	550	630	990	1175	1120	1078	28–31	1230	1160	1078	28–37
1200	470	630	750	1115	1405	1340	1295	32–34	1455	1380	1295	32–40
1400	530	710	850	1228	1630	1560	1510	36–37	1675	1590	1510	36–43
1600	600	790	990	1340	1830	1760	1710	40–37	1915	1820	1710	40–49
1800	670	870	1100	1570	2045	1970	1918	44–40	2115	2020	1920	44–49
2000	760	950	1210	1680	2265	2180	2125	48–43	2325	2230	2130	48–49
2200	590	–	1340	1850	2475	2390	2335	52–43	2550	2440	2330	52–56
2400	650	–	1460	1970	2685	2600	2545	56–43	2760	2650	2530	56–56
2600	700	–	1560	2120	2905	2810	2750	60–49	2960	2850	2740	60–56
2800	760	–	1680	2240	3115	3020	2960	64–49	3180	3070	2940	64–56
3000	810	–	1800	2360	3315	3220	3160	68–49	3405	3290	3150	68–62
3200	880	–	1920	2500	3525	3430	3370	72–49	3630	3510	3360	72–62
3400	950	–	2040	2620	3735	3640	3580	76–49	3850	3730	3570	76–62

伸缩法兰式蝶阀

EXPANSION FLANGE BUTTERFLY VALVE

产品概述 Product Overview

伸缩蝶阀是一种一阀两用的产品，集伸缩器和法兰式蝶阀于一体。它能在一定范围内可轴向伸缩，有利于管道热胀冷缩、消除管道振动及在一定角度范围内克服管道对接不同轴而产生的偏移，能极大的方便阀门管路的安装与拆卸，从而提高了经济效益。广泛应用于温度≤425℃，公称压力≤1.6MPa的食品、医药、化工、石油、电力、轻纺、造纸等给排水、气体管道上作调节流量和截流介质的作用。

Expansion butterfly valve is a dual-purpose product that combines an expansion joint and a flange type butterfly valve. It can expand and contract axially within a certain range, which is beneficial for pipeline thermal expansion and contraction, eliminating pipeline vibration, and overcoming the deviation caused by pipeline docking with different axes within a certain angle range. It can greatly facilitate the installation and disassembly of valve pipelines, thereby improving economic benefits. Widely used in food, medicine, chemical, petroleum, electricity, light textile, paper and other water supply and drainage, gas pipelines with a temperature of ≤ 425 °C and a nominal pressure of ≤ 1.6MPa, as a regulating flow rate and intercepting medium.

产品特点 Product Features

- 1、设计新颖、合理、结构独特、重量轻、操作方便、启闭迅速；
- 2、伸缩蝶阀除了能作调节和截流作用、补偿管道温差所产生的热胀冷缩功能外，还能为安装更换、维修阀门提供方便；
- 3、密封部位可调节更换、密封性能可靠等特点。

- 1. Novel design, reasonable, unique structure, light weight, convenient operation, opening and closing quickly;
- 2. Telescopic butterfly valve for adjusting and intercepting effect, in addition to compensating pipe temperature difference of heat bilges cold shrink function, can provide convenient for replacement and maintenance of valve installation;
- 3. Sealing parts, adjustable replacement, reliable sealing performance, etc.

产品执行标准 Product Executive Standard

设计与制造 Design and manufacture	法兰连接 Flange connection	结构长度 Length structure	试验与检验 Test and inspection
GB/T12238、 JB/T8527	GB/T9113、GB/T17241.6	GB/T12221	GB/T13927

主要技术参数 Main Technical Parameters

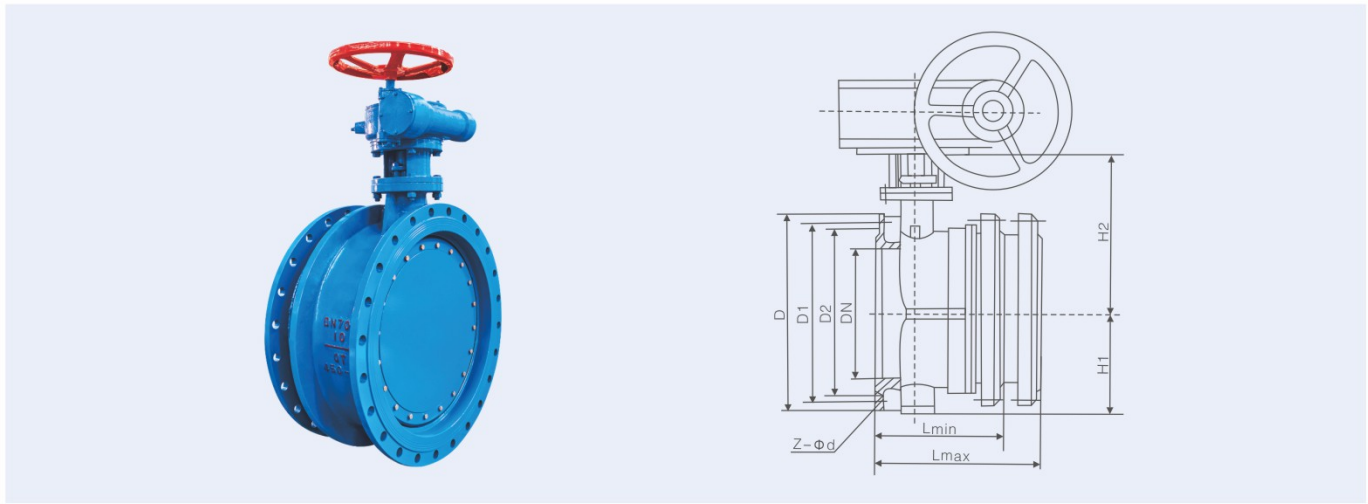
公称通径 Nominal diameter	DN(mm)	50~2000		
公称压力 Nominal pressure	PN(MPa)	0.6	1.0	1.6
试验压力Ps(MPa) Test pressure	强度试验 Strength test	0.9	1.5	2.4
	密封试验 Sealing test	0.66	1.1	1.76
	气密封试验 Gas seal test	0.6	0.6	0.6
适用温度 Applicable temperature	金属密封 Metal seal≤425℃,橡胶密封 Rubber seal≤80℃			
适用介质 Applicable medium	空气、水、蒸汽、煤气、油品等 Air, water, steam, gas, oil, etc.			
驱动形式 Drive form	蜗轮传动、气动传动、电动传动、液动传动 Worm gear drive, pneumatic drive, electric drive, hydraulic drive			

主要零件材料 Main Part Materials

零件名称 Part name	材料 Material
阀体 Body	铸钢、不锈钢、铬钼钢、合金钢、双相钢 Cast steel, stainless steel, chrome molybdenum steel, alloy steel, duplex steel
蝶板 Plate	铸钢、不锈钢、铬钼钢、合金钢、双相钢 Cast steel, stainless steel, chrome molybdenum steel, alloy steel, duplex steel
阀座 Seat	不锈钢、堆焊司太立等硬质合金 Stainless steel, Stellite etc.
密封圈 Sealing ring	不锈钢与耐高温石棉板组合成多层次 Stainless steel and high temperature resistant asbestos board layers
阀杆 Stem	20Cr13、1Cr13不锈钢、铬钼钢、特殊材料 Stainless steel, chrome molybdenum steel, special material
轴套 Shaft	奥氏体不锈钢 Austenitic stainless steel、304氮化 Nitride
填料 Packing	柔性石墨 Flexible graphite 、PTFE
填料压盖 Packing gland	铸钢、不锈钢 Cast steel, stainless steel
支架 Stents	铸钢、不锈钢 Cast steel, stainless steel

伸缩法兰式蝶阀

EXPANSION FLANGE BUTTERFLY VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

PN0.6/1.0Mpa

压力 Pressure	DN	最长L2 Longest	中间L Intermediate	最短L1 Shortest	D	D1	D2	Z-Φd	H1	H2
1.0 MPa	100	196	190	164	220	180	158	8-18	120	239
	150	227	210	192	285	240	212	8-22	124	278
	200	247	230	212	340	295	268	8-22	170	295
	250	267	250	230	395	350	320	12-22	198	357
	300	286	270	252	445	400	370	12-22	218	353
	350	310	290	270	505	460	430	16-22	253	427
	400	332	310	290	565	515	482	16-26	285	465
	450	352	330	310	615	565	532	20-26	310	490
	500	375	350	330	670	620	585	20-26	340	520
	600	420	390	360	780	725	685	20-30	397	610
	700	465	430	395	895	840	800	24-30	467	690
	800	510	470	430	1015	950	905	24-33	530	765
	900	555	510	465	1115	1050	1005	28-33	595	830
	1000	600	550	500	1230	1160	1110	28-36	670	910
0.6 MPa	1200	690	630	570	1455	1380	1330	32-39	785	1030
	1400	780	710	640	1675	1590	1535	36-42	835	1180
	1600	860	790	750	1830	1760	1710	40-36	1100	1300
	1800	940	870	800	2045	1970	1920	44-39	1180	1400
	2000	1020	950	880	2265	2100	2125	48-42	1300	1580

注：本表中法兰尺寸按JB/T 79标准系列1和EN 1092-1/2尺寸，结构长度按GB/T 12221、API 609、EN558标准。
Note: The flange dimensions in this table are in accordance with JB/T 79 standard series 1 and EN 1092-1/2 dimensions, and the structural length is in accordance with GB/T 12221 standards.

通风蝶阀
VENTILATION BUTTERFLY VALVE

产品概述 Product Overview

通风蝶阀用手动杠杆机构或电动装置转动蝶板达到阀门启闭，实现在不停止风机的情况下减少向高炉送风，将多余的气体排到大气中。广泛应用于建材、石油、冶金、矿山、电力等生产行业,适用于介质温度≤425℃，公称压力为0.1MPa的管道上，用以通风调节介质流量之用。

The ventilation butterfly valve uses a manual lever mechanism or electric device to rotate the butterfly plate to achieve valve opening and closing, reducing the supply of air to the blast furnace without stopping the fan, and discharging excess gas into the atmosphere. Widely used in the production industries of building materials, petroleum, metallurgy, mining, power, etc., suitable for pipelines with medium temperature ≤425℃ and nominal pressure of 0.1MPa, used for ventilation and regulating medium flow rate.

产品用途 Product Usage

- 1、该阀驱动力矩小，启闭灵活，操作方便。
- 2、阀体上设置密封挡圈，密封副之间无可见间隙，泄露率小。
- 3、蝶板与阀体间的膨胀间隙大，能有效防止因热胀冷缩造成的卡死现象。
- 4、本阀可配备多种驱动装置，如手动、蜗轮传动、气动、电动装置。

- 1. The valve has a small driving torque, flexible opening and closing, and convenient operation.
- 2. A sealing ring is installed on the valve body, and there is no visible gap between the sealing pairs, resulting in a low leakage rate.
- 3. The expansion gap between the butterfly plate and the valve body is large, which can effectively prevent jamming caused by thermal expansion and contraction.
- 4. This valve can be equipped with various driving devices, such as manual, worm gear transmission, pneumatic, and electric devices.

产品执行标准 Product Executive Standard

设计与制造 Design and manufacture	法兰连接 Flange connection	结构长度 Face to face	试验与检验 Test and inspection
GB/T12238、JB/T8692	GB/T9113、JB/T79、HG/T20592	GB/T12221	GB/T13927、JB/T9092

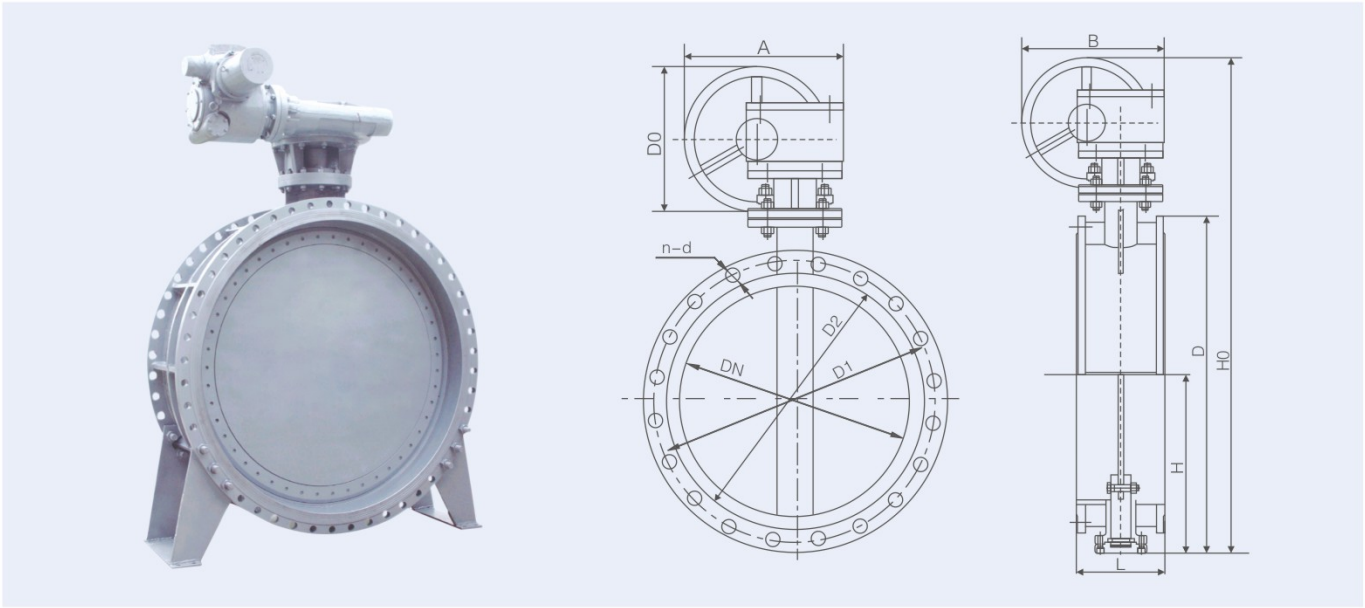
主要技术参数 Main Technical Parameters

公称通径 Nominal diameter	DN(mm)	50~2000	
公称压力 Nominal pressure	PN(MPa)	0.25	0.6
试验压力 (MPa) Test pressure	强度试验 Strength test	0.375	0.9
	密封试验 Sealing test	0.275	0.66
适用介质 Applicable medium	煤气、含尘气体、烟道气等 Gas, dust, gas, flue gas, etc		
驱动形式 Drive form	手动、蜗轮传动、气动传动、电动传动 Manual, worm gear drive, pneumatic drive, electric drive		

主要零件材料 Main Part Materials

零件名称 Part name	材料 Material
阀体 Body	铸钢、不锈钢、铬镍钼钛钢、铬钼钛钢等特殊材料 Cast steel, stainless steel, chromium nickel titanium molybdenum titanium steel, chrome molybdenum steel and other special materials
蝶板 Plate	铸钢、合金钢、铬镍钼钛钢特殊材料 Cast steel, alloy steel, nickel chromium molybdenum titanium steel special material
密封圈 Sealing ring	铸钢、不锈钢、铬镍钼钛钢、铬钼钛钢等特殊材料 Cast steel, stainless steel, chromium nickel titanium molybdenum titanium steel, chrome molybdenum steel and other special materials
阀杆 Stem	20Cr13、不锈钢、铬镍钼钛钢 20Cr13, stainless steel, nickel chromium molybdenum titanium steel
填料 Packing	氟塑料、柔性石墨 Fluorine plastic, flexible graphite

通风蝶阀
VENTILATION BUTTERFLY VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

PN0.05/0.6MPa

公称通径 DN(mm)	L	H	H0	0.05~0.1MPa				0.25MPa				0.6MPa			
				D	D1	D2	n-d	D	D1	D2	n-d	D	D1	D2	n-d
100	127	105	486	210	190	144	4-18	210	190	144	4-18	210	170	144	4-19
125	140	120	516	240	200	174	8-18	240	200	174	8-18	240	200	174	8-19
150	140	132	541	265	225	199	8-18	265	225	199	8-18	265	225	199	8-19
200	152	160	779	320	280	254	8-18	320	280	254	8-18	320	280	254	8-19
250	165	187	836	375	335	309	12-18	375	335	309	12-18	375	335	309	12-19
300	180	220	901	440	395	363	12-22	440	395	363	12-22	440	395	363	12-23
350	180	245	954	490	445	413	12-22	490	445	413	12-22	490	445	413	12-23
400	200	270	1003	540	495	463	16-22	540	495	463	16-22	540	495	463	16-23
450	200	297	1058	595	550	518	16-22	595	550	518	16-22	595	550	518	16-23
500	220	322	1111	645	600	568	20-22	645	600	568	20-22	645	600	568	20-23
600	220	377	1233	755	705	667	20-26	755	705	667	20-26	755	705	667	20-26
700	240	430	1338	860	810	772	24-26	860	810	772	24-26	860	810	772	24-26
800	240	487	1452	975	920	878	24-30	975	920	878	24-30	975	920	878	24-31
900	260	537	1588	1075	1020	978	24-30	1075	1020	978	24-30	1075	1020	978	24-31
1000	260	587	1689	1175	1120	1078	28-30	1175	1120	1078	28-30	1175	1120	1078	28-31
1200	280	702	1938	1375	1320	1280	32-30	1375	1320	1280	32-30	1405	1340	1295	32-34
1400	300	782	2670	1575	1520	1480	36-30	1575	1520	1480	36-30	1630	1560	1510	36-37
1600	320	895	2810	1790	1730	1690	40-30	1790	1730	1690	40-30	1830	1760	1710	40-37
1800	340	995	3020	1990	1930	1890	44-30	1990	1930	1890	44-30	2045	1970	1918	44-40
2000	360	1095	3220	2190	2130	2090	48-30	2190	2130	2090	48-30	2265	2180	2125	48-43
2200	380	1200	3430	2405	2340	2295	52-33	2405	2340	2295	52-33	2475	2390	2335	52-43
2400	400	1310	3650	2605	2540	2495	56-33	2605	2540	2495	56-33	2685	2600	2545	56-43
2600	420	1420	3920	2805	2740	2695	60-33	2805	2740	2695	60-33	2905	2810	2750	60-49
2800	440	1530	4140	3030	2960	2910	64-36	3030	2960	2910	64-36	3115	3020	2960	64-49
3000	460	1640	4360	3230	3160	3110	68-36	3230	3160	3110	68-36	3315	3220	3160	68-49
3200	480	1760	4620	3430	3360	3310	72-36	3430	3360	3310	72-36	3525	3430	3360	72-49
3400	500	1870	4840	3630	3560	3510	76-36	3630	3560	3510	76-36	3735	3640	3560	76-49
3600	520	1980	5060	3840	3770	3720	80-36	3840	3770	3720	80-36	3970	3860	3720	80-56
3800	540	2120	5400	4045	3970	3920	80-39	4045	3970	3920	80-39	4180	4070	3970	80-62
4000	560	2230	5620	4245	4170	4120	84-39	4245	4170	4120	84-39	4380	4270	4170	84-62

蓄能罐式液控缓闭止回蝶阀

STORAGE TANK HYDRAULIC SLOW CLOSING CHECK BUTTERFLY VALVE

产品概述 Product Overview

HD7S41X/H液控缓闭蝶阀是目前国内外较新型的管路控制设备，具有流阻系数小、智能化程度高、功能齐全、性能稳定可靠等优点。主要安装于水电站水轮机进口，用作水轮机进口阀；或安装于水利、电力、给排水等各类泵站的水泵出口，替代止回阀和闸阀的功能。工作时，阀门与管道主机配合，按照水力过渡过程原理，通过预设的启闭程序，有效消除管路水锤，实现管路的可靠截止，起到保护管路系统安全的作用。

HD7S41X/H Hydraulic control slow-closing butterfly valve is a relatively new type of pipeline control equipment at home and abroad. It has the advantages of small flow resistance coefficient, high intelligence, complete functions, stable and reliable performance. It is mainly installed at the inlet of the turbine of the hydropower station and used as the inlet valve of the turbine; or installed at the pump outlet of various pumping stations such as water conservancy, electric power, water supply and drainage, etc., to replace the functions of the check valve and the gate valve. When working, the valve cooperates with the main engine of the pipeline, according to the principle of the hydraulic transition process, through the preset opening and closing procedures, the water hammer of the pipeline is effectively eliminated, the reliable cutoff of the pipeline is realized, and the safety of the pipeline system is protected.

产品特点 Product Features

- 可取代水泵出口处原电动闸阀和止回阀的功能且机、电、液系统集成成为一个整体，减少占地面积及基建投资。
- 电液控制功能齐全，无需另外配置即可以作为一个独立的系统单机就地调试、控制；也可以作为集散性控制系统(DCS)的一个设备单元，通过I/O通道由中央计算机进行集中管理，与水泵、水轮机、旁通阀及其他管道设备实现联动操作；并配有手动功能，无动力电源时也可以实现手动开、关阀，满足特殊工况条件下的阀门调试、控制要求。
- 可控性好，调节范围大、适应性强。电液控制系统设有多处调节点，可以按不同的管道控制要求进行启闭程序设置，保证在满足开、关阀条件时，阀门能够自动按预先设定的时间、角度开启和分快、慢速度关闭。并能实现无电关阀有效消除破坏性水锤，防止水泵和水轮机组飞逸事故的发生，降低管网系统的压力波动，保障设备的安全可靠运行。
- 主阀密封为三偏心金属密封或双偏心橡胶密封结构，启闭轻松、密封可靠；并有一道额外加大的偏心，使阀门具有良好的自关闭、自密封性能。中、小口径蝶板设计成流线型平板结构，大口径蝶板设计面双平板桁架式结构，水流平顺，阀门流阻系数小，节能效果明显。

- It can replace the original electric gate valve and check valve at the outlet of the water pump, and integrate the mechanical, electrical, and hydraulic systems as a whole, reducing land occupation and infrastructure investment.
- The electro-hydraulic control function is complete, and it can be used as an independent system for on-site debugging and control without the need for additional configuration; It can also be used as a device unit of a Distributed Control System (DCS), centrally managed by a central computer through I/O channels, and linked with water pumps, turbines, bypass valves, and other pipeline equipment for operation; And it is equipped with manual function, which can also achieve manual opening and closing of valves when there is no power supply, meeting the requirements of valve debugging and control under special working conditions.
- Good controllability, wide adjustment range, and strong adaptability. The electro-hydraulic control system is equipped with multiple adjustment nodes, which can be set according to different pipeline control requirements for opening and closing programs, ensuring that when the valve opening and closing conditions are met, the valve can automatically open and close at predetermined times, angles, and speeds. And it can effectively eliminate destructive water hammer without electric valve closing, prevent the occurrence of water pump and turbine unit runaway accidents, reduce pressure fluctuations in the pipeline system, and ensure the safe and reliable operation of equipment.
- The main valve is sealed with a triple eccentric metal seal or a double eccentric rubber seal structure, which is easy to open and close and reliable to seal; And there is an additional increased eccentricity, which gives the valve good self closing and self sealing performance. The design of medium and small diameter butterfly plates is a streamlined flat plate structure, while the design of large diameter butterfly plates is a double flat plate truss structure, with smooth water flow, low valve flow resistance coefficient, and obvious energy-saving effect.

主要技术参数 Main Technical Parameters

公称压力 PN(MPa)	试验压力 Ps(MPa)		工作温度 Working temperature		适用介质Applicable medium	
	密封 Seal	强度 Strength	2.5 Dx7k41X- 6 10	2.5 Dx7k41H- 6 C 10	2.5 Dx7k41X- 6 10	2.5 Dx7k41H- 6 C 10
1	1.1	1.5	≤80℃	≤250℃	水、油品及其它非 腐蚀性液体 Water, oil and other non-corrosive liquids	煤气、蒸气 及其它废气 Gas, steam and other exhaust body
0.6	0.66	0.9				
0.25	0.275	0.375				

蓄能罐式液控缓闭止回蝶阀

STORAGE TANK HYDRAULIC SLOW CLOSING CHECK BUTTERFLY VALVE

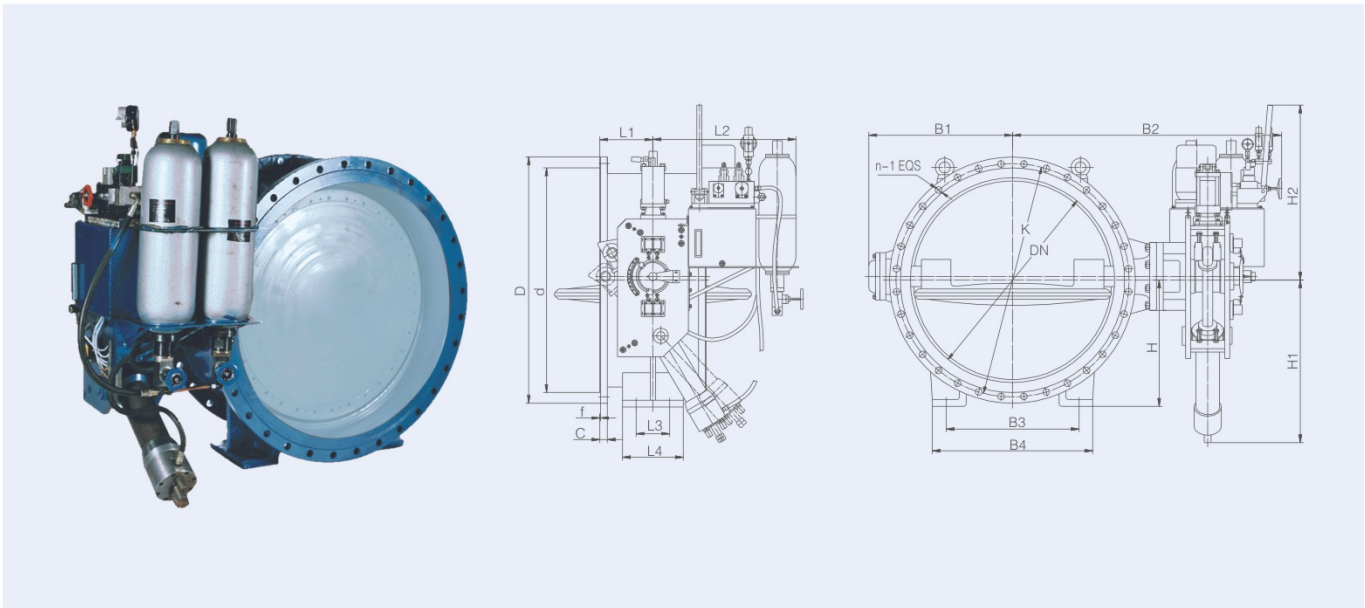
主要技术参数 Main Technical Parameters

产品标准 Product standards		JB/T 5299、GB/T 14478、GB/T 12238、JB/T 8527		
传动装置 Transmission		JB/T 5299 Q/BZZ 09		
结构长度 Face to face		GB/T 12221		
配管法兰 Piping flange		灰铸铁法兰 Grey cast iron flange	GB/T 17241.6	
		球墨铸铁法兰 Ductile iron flanges	GB/T 12380.1~12380.3	
		钢制法兰 Steel flange	GB/T 9124	
蓄能器标准 Accumulator Standard		GB/T 2352		
试验与检验 Test and Inspection		GB/T 14478、GB/T 13927		
公称通径Nominal diameter(DN)		1000~4000mm		
公称压力Nominal pressure(PN)		0.25~6.4MPa		
试验压力	密封 Seal	1.1 × PN		
Test pressure	强度 Strength	1.5 × PN		
工作压力 Work pressure(MPa)		≤1.0 × PN		
Open and close parameters 启闭参数	公称通径 Nominal diameter	<1000		≥1000
	开阀时间 Valve opening time	10~60秒（ 可调 Adjustable ）		20~120秒（ 可调 Adjustable ）
	关阀时间 Valve closing time	快关 Quick close	1.5~15秒（ 可调 Adjustable ）	2.5~30秒（ 可调 Adjustable ）
		慢关 Slow off	2.5~60秒（ 可调 Adjustable ）	6~90秒（ 可调 Adjustable ）
	关阀角度 Valve closing angle	快关 Quick close	75° ± 10° （ 可调 Adjustable ）	75° ± 10° （ 可调 Adjustable ）
		慢关 Slow off	15° ± 10° （ 可调 Adjustable ）	15° ± 10° （ 可调 Adjustable ）

主要零件材料 Main Part Materials

零件名称 Part Name	材料 Material
阀体 Body	灰铸铁、球墨铸铁、碳素钢 Grey cast iron, ductile iron, carbon steel
蝶板 Plate	灰铸铁、球墨铸铁、碳素钢 Grey cast iron, ductile iron, carbon steel
阀轴 Valve shaft	不锈钢、碳素钢 Stainless steel, carbon steel
阀体密封面 Body sealing face	铜合金、不锈钢 Copper alloy, stainless steel
蝶板密封圈 Plate sealing ring	优质丁腈橡胶、不锈钢/柔性石墨层叠 Premium Nitrile Rubber, Stainless Steel/Flexible Graphite Laminate
滑动轴承 Sliding bearing	铜合金 Copper alloy
填料 Packing	V形密封圈、柔性石墨 V-ring, flexible graphite
墙板 Wallboard	碳素钢 Carbon steel

蓄能罐式液控缓闭止回蝶阀
STORAGE TANK HYDRAULIC SLOW CLOSING CHECK BUTTERFLY VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions PN=0.25MPa

DN	L	D	K	d	C	f	n	d1	d2	L1	L2	L3	L4	H	H1	H2	B1	B2	B3	B4
1000	410	1176	1120	1078	26	5	28	30	36	345	820	200	360	690	300	660	755	1280	740	900
1200	470	1405	1340	1295	28	5	32	33	36	430	820	200	360	810	415	835	855	1380	790	950
1300	530	1520	1450	1405	32	5	32	33	42	430	940	260	400	860	415	835	965	1490	820	960
1400	530	1630	1560	1510	32	5	36	36	42	430	940	260	400	940	415	835	1070	1540	840	1000
1500	600	1730	1660	1610	34	5	36	36	42	480	940	260	400	1000	625	925	1145	1710	900	1050
1600	600	1830	1760	1710	34	5	40	36	42	480	940	270	400	1080	625	925	1210	1795	1100	1300
1750	670	1995	1920	1868	36	5	44	39	42	480	1050	300	500	1130	625	925	1275	1865	1350	1500
1800	670	2045	1970	1918	36	5	44	39	42	480	1050	300	500	1130	625	925	1290	1893	1370	1570
2000	760	2265	2180	2125	38	5	48	42	42	520	1130	360	560	1250	830	1275	1380	2005	1400	1650
2200	590	2475	2390	2335	42	6	52	42	42	520	1130	300	450	1320	830	1275	1480	2080	1600	1880
2400	650	2685	2600	2545	45	6	56	42	48	520	1350	350	500	1440	830	1275	1590	2150	1740	2020
2600	700	2905	2810	2750	46	6	60	48	48	600	1350	400	550	1520	960	2370	1750	2470	1850	2200
2800	760	3115	3020	2960	48	6	64	48	48	600	1350	500	650	1620	960	2370	1850	2640	2000	2400
3000	810	3315	3220	3160	50	6	68	48	48	650	1420	550	700	1720	1000	2470	1950	2780	2160	2560
3200	870	3525	3430	3370	54	6	72	48	48	650	1420	600	750	1820	1000	2470	2080	2980	2360	2760
3400	920	3735	3640	3580	56	6	76	48	48	700	1540	650	800	1920	1000	2675	2200	3140	2420	2920
3500	920	3840	3745	3685	58	6	80	48	48	700	1540	650	800	1980	1200	2675	2260	3210	2680	3180
3600	970	3970	3860	3790	62	6	80	56	48	700	1540	700	850	2050	1200	2675	2310	3280	2750	3250
3800	1020	4180	4065	3990	66	6	80	62	48	800	1750	750	900	2150	1400	2970	2410	3410	2880	3380
4000	1070	4380	4265	4190	70	6	84	62	48	800	1750	800	950	2250	1400	2970	2550	3524	2980	3480

蓄能罐式液控缓闭止回蝶阀
STORAGE TANK HYDRAULIC SLOW CLOSING CHECK BUTTERFLY VALVE

主要外形连接尺寸 Main Boundary Connection Dimensions PN=0.6MPa

DN	L	D	K	d	C	f	n	d1	d2	L1	L2	L3	L4	H	H1	H2	B1	B2	B3	B4
1000	410	1230	1160	1112	38	5	28	36	36	430	920	200	360	690	415	835	755	1280	740	900
1100	410	1340	1270	1222	42	5	28	36	36	430	920	200	360	750	415	835	805	1320	760	920
1200	470	1455	1380	1328	44	5	32	39	36	430	920	200	360	810	415	835	855	1380	790	950
1250	470	1505	1430	1378	44	5	32	39	36	430	920	200	360	810	415	835	875	1400	790	950
1300	530	1575	1490	1425	44	5	32	42	42	430	920	260	400	860	415	835	965	1490	820	960
1400	530	1675	1590	1530	48	5	36	42	42	480	1050	260	400	940	620	930	1070	1590	840	1000
1500	600	1785	1700	1640	48	5	36	48	42	480	1050	260	400	1000	620	930	1145	1710	900	1050
1600	600	1915	1820	1750	52	5	40	48	42	480	1050	270	400	1080	620	930	1210	1795	1100	1300
1750	670	2065	1970	1900	54	5	44	48	42	480	1050	300	500	1130	620	930	1275	1865	1350	1500
1800	670	2115	2020	1950	56	5	44	48	42	480	1050	300	500	1130	620	930	1290	1893	1370	1570
2000	760	2325	2230	2150	60	5	48	48	42	520	1130	360	560	1250	830	1275	1380	2005	1400	1650
2200	590	2550	2440	2370	60	6	52	56	42	520	1130	300	450	1320	830	1275	1480	2080	1600	1880
2250	590	2600	2490	2420	60	6	52	56	42	520	1130	300	450	1320	910	2275	1530	2310	1600	1880
2400	650	2760	2650	2570	64	6	56	56	48	520	1130	350	500	1440	960	2370	1590	2350	1740	2020
2600	700	2960	2850	2780	66	6	60	56	48	520	1220	400	550	1520	960	2370	1750	2470	1850	2200
2800	760	3180	3070	3000	68	6	64	56	48	600	1220	500	650	1620	1000	2370	1850	2640	2000	2400
3000	810	3405	3290	3210	72	6	68	62	48	600	1220	550	700	1720	1000	2470	1950	2780	2160	2560
3200	870	3655	3540	3460	82	6	72	62	48	650	1220	600	750	1820	1000	2470	2080	2980	2360	2670

主要外形连接尺寸 Main Boundary Connection Dimensions PN=1.0MPa

DN	L	D	K	d	C	f	n	d1	d2	L1	L2	L3	L4	H	H1	H2	B1	B2	B3	B4
1100	410	1425	1315	1245	60	5	28	55	36	430	920	200	360	750	415	835	805	1320	760	920
1200	470	1530	1420	1350	62	5	32	55	36	480	920	200	360	810	625	925	855	1380	790	950
1250	470	1575	1470	1400	62	5	32	55	36	480	920	200	360	810	625	925	875	1400	790	950
1300	530	1640	1530	1450	70	5	32	60	42	480	920	260	400	860	625	925	965	1490	820	960
1400	530	1755	1640	1560	76	5	36	60	42	480	1030	260	400	940	630	1270	1070	1590	840	1000
1500	600	1865	1750	1670	80	5	36	60	42	520	1030	260	400	1000	630	1270	1145	1710	900	1050
1600	600	1975	1860	1780	84	5	40	60	42	520	1030	270	400	1080	630	1270	1210	1795	1100	1300
1750	670	2145	2020	1935	90	5	44	68	42	520	1150	300	500	1130	910	2070	1275	2065	1350	1500
1800	670	2195	2070	1985	90	5	44	68	42	600	1150	300	500	1130	910	2070	1290	2093	1370	1570
2000	760	2425	2300	2210	96	5	48	68	42	600	1240	360	560	1250	910	2275	1380	2205	1400	1650

液控快速启闭蝶阀

HYDRAULIC CONTROLLED QUICK OPENING AND CLOSING BUTTERFLY VALVE

产品概述 Product Overview

YKD7X43H液控快速启闭蝶阀传动部分均为恒力臂的紧凑型齿轮齿条传动机构，并提供成套的电液控制及油源装置，也可利用现场油源直接进行控制。并在执行器油缸尾部设有缓冲装置，防止快速动作时的缸击及震动，有效保护阀门及设备安全运行。主要用于化工、冶金、能源管线、生物发电以及高炉煤气余压发电装置进气管路等危险管道的紧急快关截止，或者在煤矿行业、防瓦斯等危险气体防爆的高安场所对设备快速关闭或打开。

YKD7X43H hydraulic control quick opening and closing butterfly valve drive part is a constant force arm of the compact rack and pinion drive mechanism, and provides a complete set of electro-hydraulic control and oil source device, can also be directly controlled by the field oil source. And the actuator cylinder tail is provided with a buffer device to prevent cylinder shock and vibration during rapid action, effectively protect the valve and equipment safe operation. Mainly used for chemical industry, metallurgy, energy pipelines, biological power generation and blast furnace gas residual pressure power generation device intake pipe and other dangerous pipeline emergency close cut-off, or in the coal industry, gas and other dangerous gas explosion-proof high-safety places to quickly close or open the equipment.

主要标准与基本参数 Main Criteria and Basic Parameters

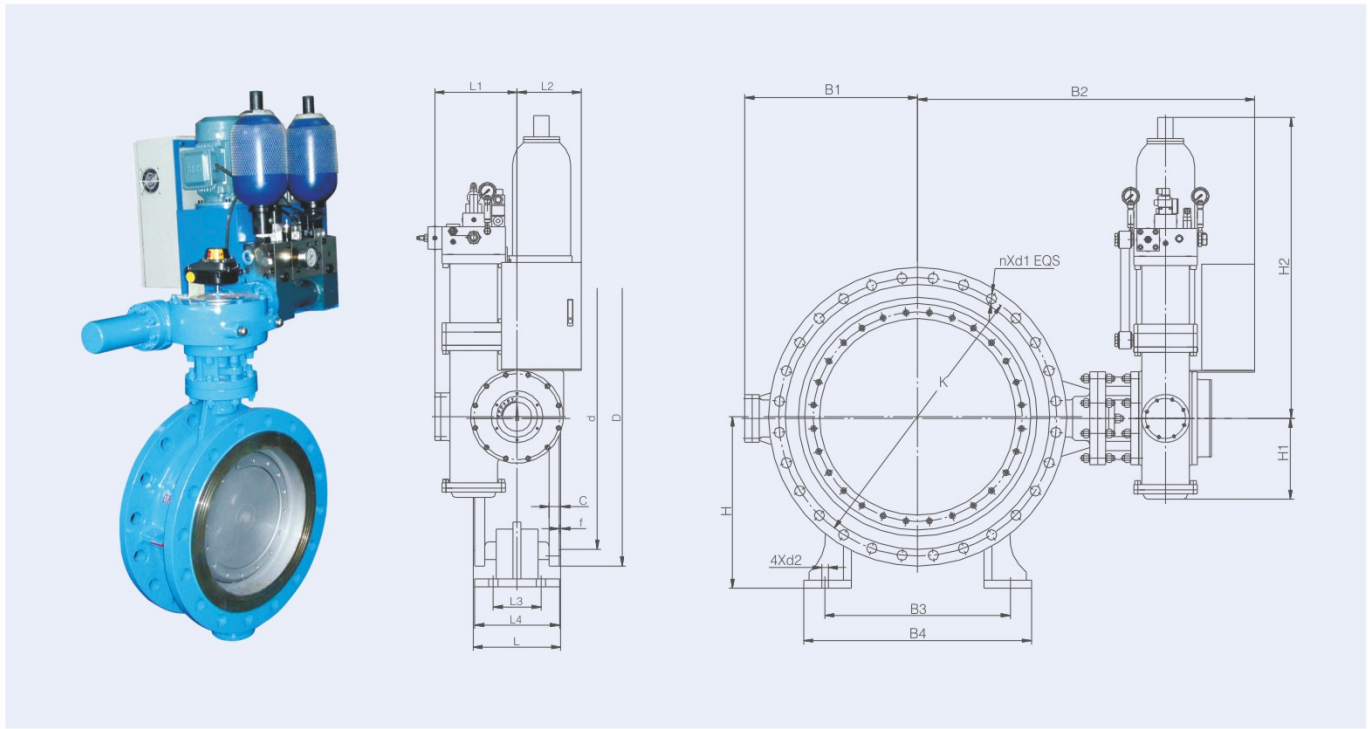
制造标准 Manufacturing standard		JB/T 11490 JB/T 8527	
结构长度 Structural length		GB/T 12221	
配管法兰 Piping flange		JB/T 74~90、GB/T 12380、GB/T 9112~9131	
压力-温度等级 Pressure - temperature rating		GB/T 9131、HGJ 67、JB/T 74	
质量保证 Quality assurance		TS 2710873	
试验与检验 Test and inspection		GB/T 13927	
公称通径 DN Nominal diameter		500~2400 mm	
公称压力 PN Nominal pressure		0.25~10.0Mpa、150~600LB	
试验压力 Ps Test pressure	密封 Seal	1.1xPN	
	强度 Intensity	1.5xPN	
工作压力 Working pressure		0.8xPN	
快速启闭时间 Fast opening and closing time		0.2~0.8S	

主要零件材料 Main Part Materials

阀体材料 Body material	C	I	P	P8	P3	R	R8	R3
阀体 Body	WCB	ZG1Cr5Mo	ZG12Cr18Ni9	CF8(304)	CF3(304L)	ZG1Cr18Ni12Mo2Ti	CF8M(316)	CF3M(316L)
蝶板 Sphenoid	WCB	ZG1Cr5Mo	ZG12Cr18Ni9	CF8(304)	CF3(304L)	ZG1Cr18Ni12Mo2Ti	CF8M(316)	CF3M(316L)
压圈 Pressing ring	WCB	ZG1Cr5Mo	ZG12Cr18Ni9	CF8(304)	CF3(304L)	ZG1Cr18Ni12Mo2Ti	CF8M(316)	CF3M(316L)
阀杆 Stem	20Cr13	25Cr2Mo1V	12Cr18Ni9	06Cr19Ni9	022Cr19Ni10	12Cr18Ni12Mo2Ti	06Cr17Ni12Mo2	022Cr17Ni14Mo2
阀座 Seat	堆焊D507 Surfacing	堆焊STL Surfacing	堆焊STL Surfacing	堆焊STL Surfacing	堆焊STL Surfacing	堆焊STL Surfacing	堆焊STL Surfacing	堆焊STL Surfacing
适用介质 Applicable medium	水、蒸汽、气体、油品等 Water, steam, gas, oil, etc		硝酸等腐蚀性介质 Corrosive medium such as nitric acid		强氧化性介质 Strong oxidizing medium	醋酸等腐蚀性介质 Acetic acid and other corrosive media		尿素等腐蚀性介质 Corrosive media such as urea
适用温度 Applicable temperature	-29~425℃	-29~550℃	-29~600℃					

液控快速启闭蝶阀

HYDRAULIC CONTROLLED QUICK OPENING AND CLOSING BUTTERFLY VALVE



主要外形连接尺寸 Main Boundary Connection Dimensions

PN=0.6MPa

DN	L	D	K	d	C	f	n	d1	d2	L1	L2	L3	L4	H	H1	H2	B1	B2	B3	B4
500	229	645	600	568	26	2	20	22	32	305	145	150	220	400	250	425	430	885	400	500
600	267	755	705	667	26	2	20	26	32	305	145	150	220	460	250	425	515	940	450	550
700	292	860	810	772	26	5	24	26	32	305	155	180	290	520	285	495	555	1050	570	700
800	318	975	920	878	26	5	24	30	32	305	155	180	310	580	285	495	605	1105	650	780
900	330	1075	1020	978	26	5	24	30	36	345	155	180	300	640	300	660	670	1210	700	860
1000	410	1175	1120	1078	26	5	28	30	36	345	155	200	360	690	300	660	755	1280	740	900
1200	470	1405	1340	1295	28	5	32	33	36	430	155	200	360	810	415	835	855	1380	790	950
1300	530	1520	1450	1405	32	5	32	33	42	430	155	260	400	860	415	835	965	1490	820	960
1400	530	1630	1560	1510	32	5	36	36	42	430	155	260	400	940	415	835	1070	1540	840	1000
1500	600	1730	1660	1610	34	5	36	36	42	480	240	260	400	1000	625	925	1145	1710	900	1050
1600	600	1830	1760	1710	34	5	40	36	42	480	240	270	400	1080	625	925	1210	1795	1100	1300
1750	670	1995	1920	1868	36	5	44	39	42	480	240	300	500	1130	625	925	1275	1865	1350	1500
1800	670	2045	1970	1918	36	5	44	39	42	480	240	300	500	1130	625	925	1290	1893	1370	1570
2000	760	2265	2180	2125	38	5	48	42	42	520	320	360	560	1250	830	1275	1380	2005	1400	1650
2200	590	2475	2390	2335	42	6	52	42	42	520	320	300	450	1320	830	1275	1480	2080	1600	1880
2400	650	2685	2600	2545	45	6	56	42	48	520	320	350	500	1440	830	1275	1590	2150	1740	2020

液控快速启闭蝶阀

HYDRAULIC CONTROLLED QUICK OPENING AND CLOSING BUTTERFLY VALVE

主要外形连接尺寸 Main Boundary Connection Dimensions

PN=1.0MPa

DN	L	D	K	d	C	f	n	d1	d2	L1	L2	L3	L4	H	H1	H2	B1	B2	B3	B4
500	229	670	620	582	28	2	20	26	32	305	145	150	220	400	285	495	430	885	400	500
600	267	780	725	682	34	2	20	30	32	305	145	150	220	460	285	495	515	1010	450	550
700	292	895	840	794	34	5	24	30	32	305	145	180	290	520	285	495	555	1050	570	700
800	318	1015	950	901	36	5	24	33	32	345	155	180	310	580	300	660	605	1105	650	780
900	330	1115	1050	1001	38	5	28	33	36	345	155	180	300	640	300	660	670	1160	700	860
1000	410	1230	1160	1112	38	5	28	36	36	430	155	200	360	690	415	835	755	1280	740	900
1100	410	1340	1270	1222	42	5	28	36	36	430	155	200	360	750	415	835	805	1320	760	920
1200	470	1455	1380	1328	44	5	32	39	36	430	155	200	360	810	415	835	855	1380	790	950
1250	470	1505	1430	1378	44	5	32	39	36	430	155	200	360	810	415	835	875	1400	790	950
1300	530	1575	1490	1425	44	5	32	42	42	430	155	260	400	860	415	835	965	1490	820	960
1400	530	1675	1590	1530	48	5	36	42	42	480	240	260	400	940	620	930	1070	1590	840	1000
1500	600	1785	1700	1640	48	5	36	48	42	480	240	260	400	1000	620	930	1145	1710	900	1050
1600	600	1915	1820	1750	52	5	40	48	42	480	240	270	400	1080	620	930	1210	1795	1100	1300
1750	670	2065	1970	1900	54	5	44	48	42	480	240	300	500	1130	620	930	1275	1865	1350	1500
1800	670	2115	2020	1950	56	5	44	48	42	480	240	300	500	1130	620	930	1290	1893	1370	1570
2000	760	2325	2230	2150	60	5	48	48	42	520	320	360	560	1250	830	1275	1380	2005	1400	1650
2200	590	2550	2440	2370	60	6	52	56	42	520	320	300	450	1320	830	1275	1480	2080	1600	1880

PN=1.6MPa																				
DN	L	D	K	d	C	f	n	d1	d2	L1	L2	L3	L4	H	H1	H2	B1	B2	B3	B4
500	229	715	650	609	38	2	20	33	32	305	145	150	220	400	250	425	430	885	400	500
600	267	840	770	720	38	2	20	36	32	305	145	150	220	460	285	495	515	1010	450	550
700	292	910	840	794	40	5	24	36	32	345	155	180	300	520	300	660	555	1050	570	700
800	318	1025	950	901	42	5	24	39	32	345	155	180	300	580	300	660	605	1105	650	780
900	330	1125	1050	1001	44	5	28	39	36	430	155	180	300	640	415	835	670	1160	700	860
1000	410	1255	1170	1112	46	5	28	42	36	430	155	200	360	690	415	835	755	1280	740	900
1100	410	1370	1280	1222	46	5	28	42	36	430	155	200	360	750	415	835	805	1320	760	920
1200	470	1485	1390	1328	52	5	32	48	36	480	240	200	360	810	625	925	855	1380	790	950
1250	470	1535	1440	1378	52	5	32	48	36	480	240	200	360	810	625	925	875	1400	790	950
1300	530	1585	1490	1425	54	5	32	48	42	480	240	260	400	860	625	925	965	1490	820	960
1400	530	1685	1590	1530	58	5	36	48	42	480	240	260	400	940	630	1270	1070	1590	840	1000
1500	600	1820	1710	1640	60	5	36	48	42	520	320	260	400	1000	630	1270	1145	1710	900	1050
1600	600	1930	1820	1750	64	5	40	55	42	520	320	270	400	1080	630	1270	1210	1795	1100	1300
1750	670	2080	1970	1900	66	5	44	55	42	520	320	300	500	1130	630	1270	1275	1865	1350	1500
1800	670	2130	2020	1950	68	5	44	55	42	520	320	300	500	1130	630	1270	1290	1893	1370	1570
2000	760	2345	2230	2150	70	5	48	60	42	520	320	360	560	1250	630	1275	1380	2005	1400	1650

电(手)动多叶蝶阀(风机专用阀)

ELECTRIC (MANUAL) MULTI LEAF BUTTERFLY VALVE (FAN SPECIFIC VALVE)

产品特点及用途 Product Features and Uses

本阀又称风机启动调节阀，本阀可与各种执行机构配套组合使用。广泛应用于冶金、矿山、煤炭、建材、石油、化工、电力等行业，用于调节管路中的介质流量，它具有体积小、重量轻、流阻小、启闭时间短、结构简单、操作灵活等特点。

该阀设计新颖结构合理，调节板采用多叶、多轴式，使气流均匀分流，流阻小，启闭力矩小，动作灵活可靠。各传动部位采用轴承，运转灵活，摩擦系数小调节轻松自如，能有效地控制气体流量，充分利用能源使工作系统达到状态，是各种风管系统中理想的气流调节设备。

The valve is also called the fan starting control valve, which can be used in combination with various actuator. Widely used in metallurgy, mining, coal, building materials, petroleum, chemical, electric power and other industries, used to regulate the flow of the medium in the pipeline, it has small size, light weight, small flow resistance, short opening and closing time, simple structure, flexible operation and so on.

The valve has a novel design and reasonable structure, and the adjusting plate adopts multi-blade and multi-axis type, so that the air flow is evenly divided, the flow resistance is small, the opening and closing torque is small, and the action is flexible and reliable. Each transmission part adopts bearings, flexible operation, small friction coefficient adjustment easily, can effectively control the gas flow, make full use of energy to make the working system reach the state, is an ideal air conditioning equipment in various air duct systems.

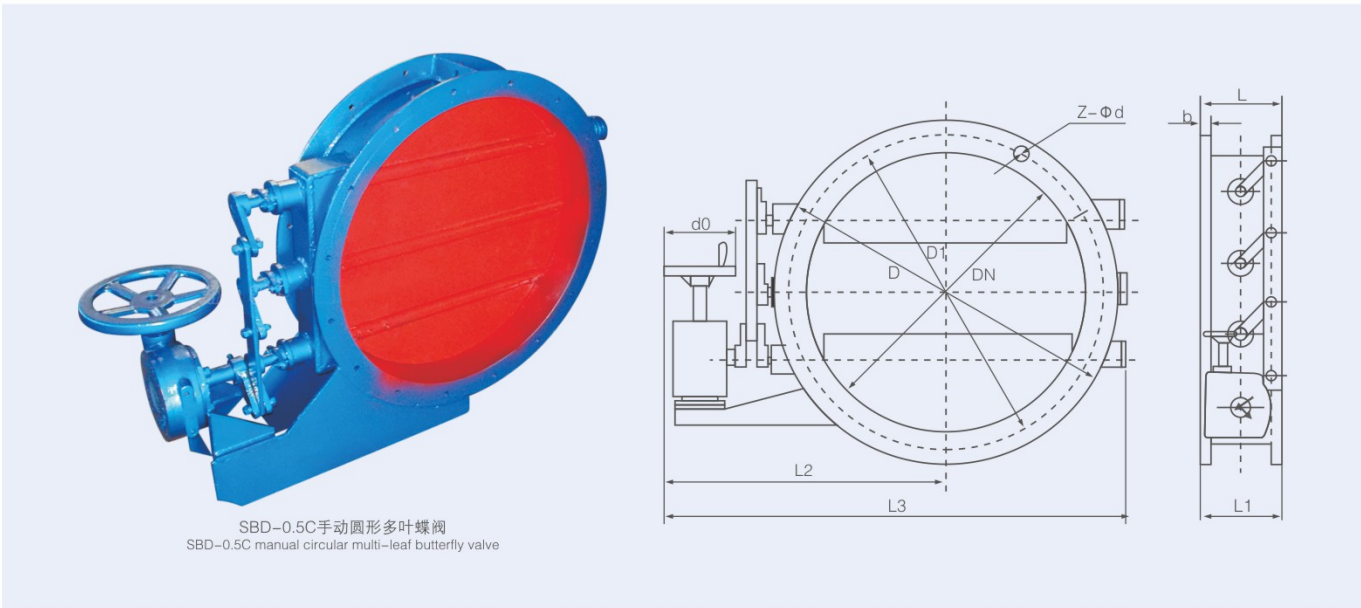
主要性能规范 Main Performance Specifications

公称压力 Nominal pressure	PN0.05MPa
适用温度 Applicable temperature	≤550℃
适用介质 Applicable medium	空气、粉尘气体、高温气体 Air, dust gas, high temperature gas
泄漏量 leakage	<3%

电子式电动执行机构技术参数 Technical parameters of electronic electric actuator

型号 Model	输出力矩(N.m) Output torque	全行程时间(S) Full travel time	最大转角 Maximum Angle	技术参数 Technical parameter
JDR-110	40	25	90°	输入信号 Input signal: DC 4~20mA 开度信号 Opening signal: DC 4~20mA (反馈 (feedback) 反应时间 Reaction time: ≤1S 基本误差 Basic error: 2.0% 电源电压 Power supply voltage: AC 220V、380V 50Hz 环境温度 Ambient temperature: -10~+55℃ 防护等级 Protection class: IP55
JDR-210	100	25		
JDR-310	250	25		
JDR-410	600	25		
JDR-510	1600	25		
JDR-610	4000	40		
JDR-710	6000	60		

电(手)动多叶蝶阀(风机专用阀)
ELECTRIC (MANUAL) MULTI LEAF BUTTERFLY VALVE (FAN SPECIFIC VALVE)

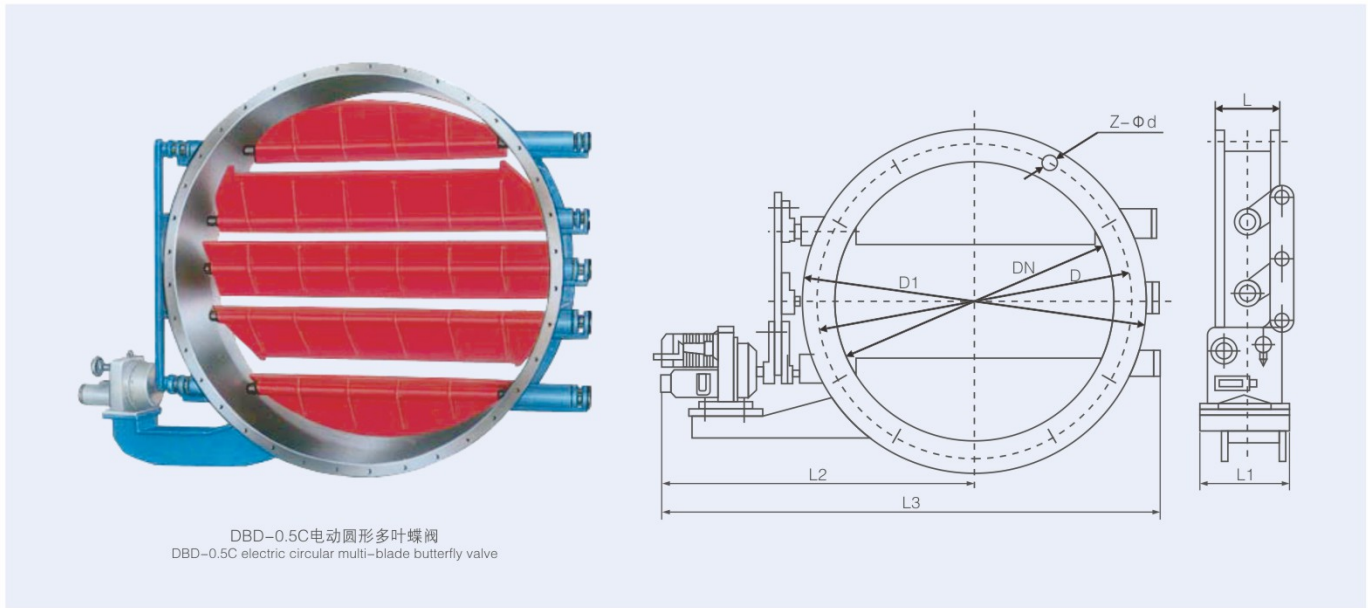


主要外形连接尺寸 Main Boundary Connection Dimensions

单位 Unit: mm

公称通径 DN(mm)	尺寸 Dimension(mm)										
	D1	D	L	L1	L2	L3	d0	b	Z-Φd	轴数 Number of axes	手轮转圈 Turn the hand wheel
500	555	600	220	300	770	1100	320	8	20-Φ18	3	12
600	655	700	220	300	820	1200	320	10	20-Φ18	3	12
700	755	800	240	300	870	1300	320	10	20-Φ24	3	12
800	870	930	240	300	920	1400	320	10	24-Φ24	3	12
900	970	1030	260	300	970	1520	320	10	24-Φ24	3	12
1000	1070	1130	260	300	1020	1620	320	12	28-Φ24	3	12
1120	1190	1250	280	300	1080	1740	320	12	28-Φ24	4	12
1250	1320	1380	280	300	1145	1870	450	12	32-Φ24	4	12
1400	1470	1530	300	360	1260	2020	450	12	36-Φ24	4	12
1600	1670	1730	320	360	1360	2220	450	18	40-Φ24	4	12
1800	1870	1930	340	360	1460	2420	450	18	44-Φ24	4	12
2000	2070	2130	360	360	1560	2620	450	18	48-Φ24	4	12
2240	2310	2370	380	360	1680	2680	450	18	48-Φ24	4	12
2500	2570	2630	420	360	1810	3120	450	18	52-Φ24	5	12
2800	2870	2930	440	360	1960	3420	450	18	60-Φ24	5	12
3000	3070	3130	460	360	2060	3620	450	18	60-Φ24	5	12

电(手)动多叶蝶阀(风机专用阀)
ELECTRIC (MANUAL) MULTI LEAF BUTTERFLY VALVE (FAN SPECIFIC VALVE)

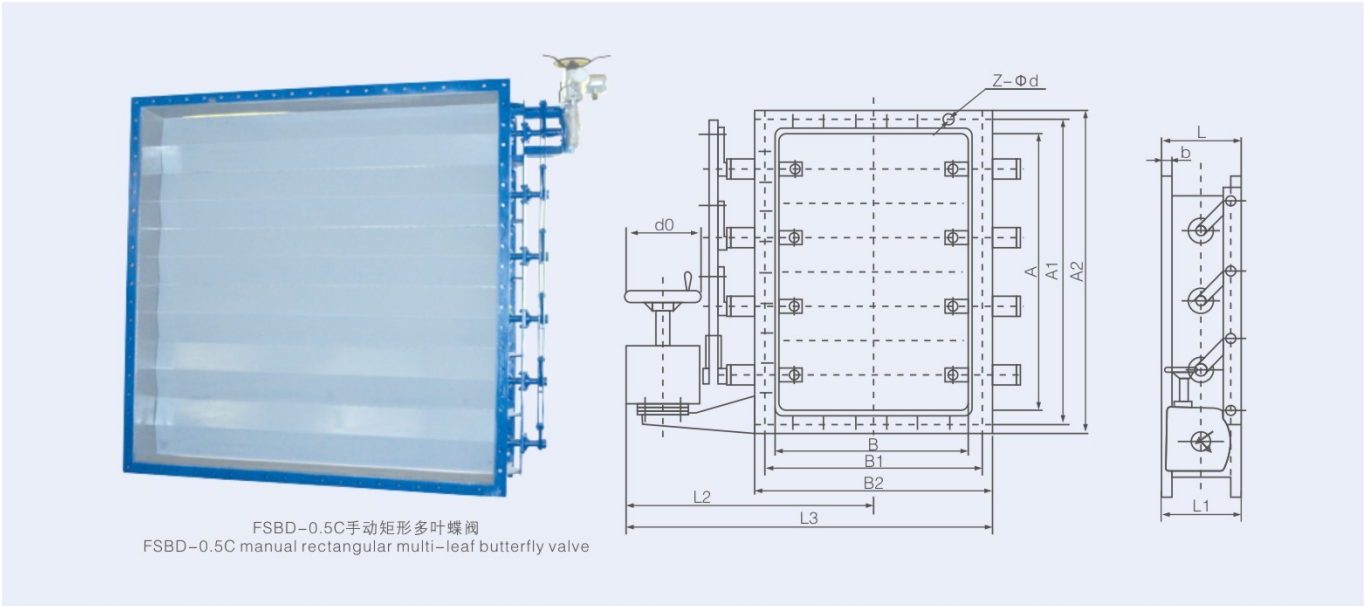


主要外形连接尺寸 Main Boundary Connection Dimensions

单位 Unit: mm

公称通径 DN(mm)	尺寸 Dimension(mm)										
	D1	D	L	L1	L2	L3	b	Z-Φd	轴数 Number of axes	执行器 Actuator	转矩(N.m) Torque
500	555	600	22	300	900	1270	8	20-Φ18	3	JDR-310	250
600	655	700	22	300	950	1370	10	20-Φ18	3	JDR-310	250
700	755	800	24	300	1000	1470	10	20-Φ24	3	JDR-310	600
800	870	930	24	365	1120	1640	10	24-Φ24	3	JDR-410	600
900	970	1030	26	365	1170	1740	12	24-Φ24	3	JDR-410	600
1000	1070	1130	26	365	1220	1840	12	28-Φ24	3	JDR-410	600
1120	1190	1250	28	420	1430	2110	12	28-Φ24	3	JDR-510	1600
1250	1320	1380	28	420	1495	2240	14	32-Φ24	4	JDR-510	1600
1400	1470	1530	30	420	1570	2390	14	36-Φ24	4	JDR-510	1600
1600	1670	1730	32	450	1745	2660	14	40-Φ24	4	JDR-610	4000
1800	1870	1930	34	450	1845	2860	16	44-Φ24	4	JDR-610	4000
2000	2070	2130	36	450	1945	3060	16	48-Φ24	4	JDR-610	4000
2240	2310	2370	38	480	2095	3330	18	48-Φ24	4	JDR-610	4000
2500	2570	2630	42	480	2295	3590	18	52-Φ24	5	JDR-610	4000

电(手)动多叶蝶阀(风机专用阀)
ELECTRIC (MANUAL) MULTI LEAF BUTTERFLY VALVE (FAN SPECIFIC VALVE)

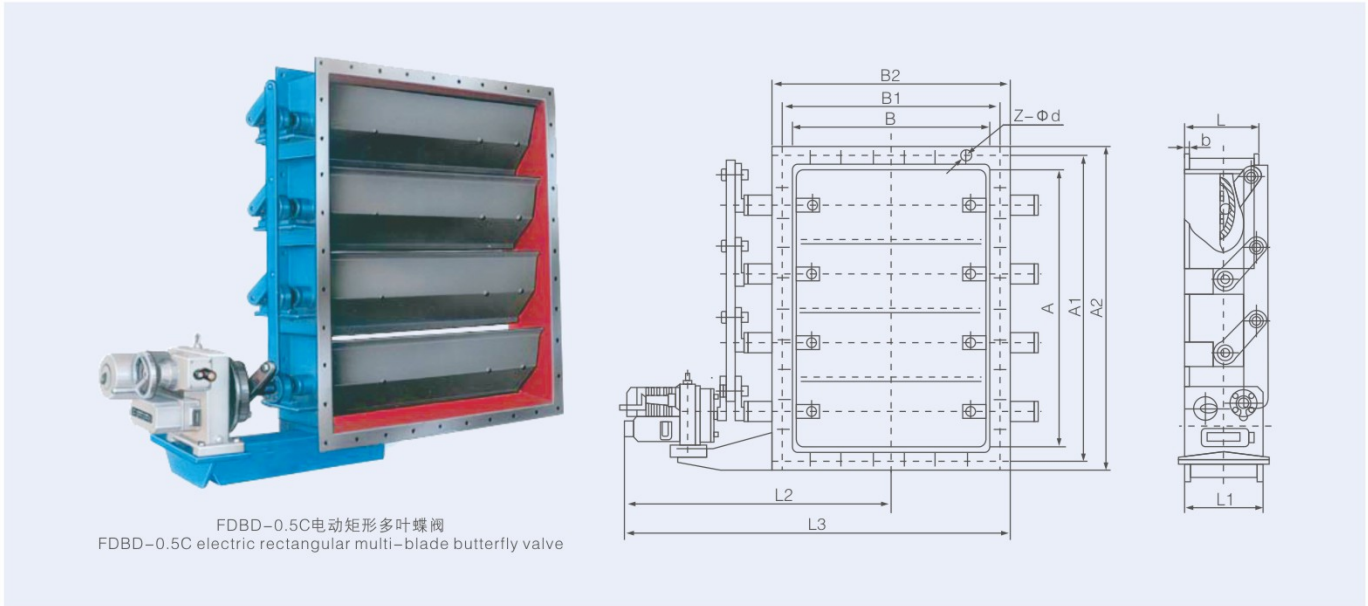


主要外形连接尺寸 Main Boundary Connection Dimensions

单位 Unit: mm

尺寸 Dimension(mm)									轴数 Shaft the number	手轮转圈数(圈) Turn the hand wheel Number (turn)
A × B	A ₁ × B ₁	A ₂ × B ₂	L	L ₁	L ₂	L ₃	b	Z-Φd		
320 × 180	375 × 290	400 × 240	180	245	450	605	8	10-Φ14	2	12
320 × 250	375 × 295	400 × 330	180	245	495	605	8	10-Φ14	2	12
400 × 200	455 × 255	500 × 200	200	245	480	675	8	10-Φ18	2	12
400 × 320	455 × 375	500 × 420	200	245	550	785	8	16-Φ18	2	12
500 × 200	555 × 255	600 × 300	220	245	480	675	8	18-Φ18	2	12
500 × 400	555 × 455	600 × 500	220	245	580	865	8	20-Φ18	3	12
630 × 320	685 × 375	730 × 420	220	245	550	785	10	20-Φ18	3	12
630 × 400	685 × 455	730 × 500	220	245	580	865	10	24-Φ18	3	12
800 × 400	855 × 455	900 × 500	240	300	580	845	10	24-Φ18	3	12
800 × 630	855 × 655	900 × 730	240	300	580	845	10	28-Φ18	4	12
1000 × 500	1070 × 570	1130 × 830	260	300	715	1085	10	24-Φ24	4	12
1000 × 800	1070 × 870	1130 × 930	260	300	795	1295	10	28-Φ24	4	12
1250 × 630	1320 × 700	1380 × 760	280	300	710	1125	10	32-Φ24	4	12
1250 × 1000	1320 × 1070	1380 × 1130	280	385	395	1495	10	32-Φ24	5	12
1400 × 800	1470 × 870	1530 × 930	300	385	905	1405	10	36-Φ24	5	12
1400 × 1250	1470 × 1320	1530 × 1380	300	385	1130	1855	10	40-Φ24	5	12
1600 × 1000	1670 × 1070	1730 × 1130	320	385	1008	1005	10	38-Φ24	5	12
1600 × 1250	1670 × 1320	1730 × 1280	320	420	1130	1065	10	40-Φ24	5	12
1800 × 1250	1870 × 1320	1930 × 1380	340	420	1135	1855	10	44-Φ24	6	12
1800 × 1400	1870 × 1470	1930 × 1530	340	420	1206	2005	10	48-Φ24	6	12
2000 × 1250	2070 × 1320	2130 × 1380	360	420	1135	1855	12	48-Φ24	6	12
2000 × 1800	2070 × 1670	2130 × 1730	360	450	1305	2206	12	52-Φ24	6	12
2500 × 1800	2570 × 1670	2630 × 1730	420	450	1305	2206	12	56-Φ24	8	12
2500 × 2000	2570 × 2070	2630 × 2130	420	450	1505	2805	12	64-Φ24	8	12
2800 × 2500	2870 × 2570	2930 × 2630	440	450	1755	3106	12	72-Φ24	8	12
3200 × 2800	3270 × 2870	3330 × 2930	480	480	1905	3406	12	80-Φ24	10	12
3600 × 3200	3670 × 3270	3730 × 3330	520	480	2105	3806	12	88-Φ24	10	12
4000 × 3600	4070 × 4670	4130 × 3730	560	480	2305	4206	12	100-Φ24	10	12

电(手)动多叶蝶阀(风机专用阀)
ELECTRIC (MANUAL) MULTI LEAF BUTTERFLY VALVE (FAN SPECIFIC VALVE)



主要外形连接尺寸 Main Boundary Connection Dimensions

单位 Unit: mm

尺寸 Dimension(mm)									轴数 Shaft the number	执行器 Actuator	转矩 Torque (N.m)
A × B	A ₁ × B ₁	A ₂ × B ₂	L	L ₁	L ₂	L ₃	b	Z-Φd			
320 × 180	375 × 206	400 × 240	180	245	580	735	8	10-Φ14	2	JDR-210	100
320 × 250	375 × 295	400 × 330	180	245	625	825	8	10-Φ14	2	JDR-210	100
400 × 200	455 × 255	500 × 300	200	245	610	805	8	10-Φ18	2	JDR-210	100
400 × 320	455 × 375	500 × 300	200	245	870	915	8	16-Φ18	2	JDR-210	100
500 × 200	555 × 255	600 × 300	220	245	610	805	8	18-Φ18	3	JDR-210	100
500 × 400	555 × 455	600 × 500	220	245	670	915	8	20-Φ18	3	JDR-210	100
630 × 320	685 × 375	730 × 420	220	245	610	805	10	20-Φ18	3	JDR-210	100
630 × 400	685 × 455	730 × 500	220	245	710	995	10	24-Φ18	3	JDR-210	100
800X 400	855 × 455	900 × 500	240	300	670	945	10	24-Φ18	4	JDR-310	250
800 × 630	855 × 685	900 × 730	240	300	710	995	10	28-Φ18	4	JDR-310	250
1000 × 500	1070 × 570	1130 × 830	260	300	790	1075	10	24-Φ24	4	JDR-310	250
1000 × 800	1070 × 870	1130 × 930	260	300	905	1270	10	28-Φ24	4	JDR-310	250
1250 × 630	1320 × 700	1380 × 760	280	300	1005	1505	10	32-Φ24	5	JDR-310	250
1280 × 1000	1320 × 1070	1380 × 1130	280	385	1105	1705	10	32-Φ24	5	JDR-310	250
1400 × 800	1470 × 870	1530 × 930	300	385	1075	1575	10	36-Φ24	5	JDR-410	600
1400 × 1250	1470 × 1320	1530 × 1380	300	385	1300	2025	10	40-Φ24	5	JDR-410	600
1600 × 1000	1670 × 1070	1730 × 1130	320	385	1175	1775	10	38-Φ24	5	JDR-410	600
1600 × 1250	1670 × 1320	1730 × 1380	320	420	1300	2025	10	40-Φ24	5	JDR-410	600
1800 × 1250	1870 × 1320	1930 × 1380	340	420	1450	2175	10	44-Φ24	6	JDR-510	1600
1800 × 1400	1870 × 1470	1930 × 1530	340	420	1525	2325	10	48-Φ24	6	JDR-510	1600
2000 × 1250	2070 × 1320	2130 × 1380	360	420	1450	2175	12	48-Φ24	6	JDR-510	1600
2000 × 1800	2070 × 1670	2130 × 1730	360	450	1620	2520	12	52-Φ24	6	JDR-510	1600
2500 × 1800	2570 × 1670	2630 × 1730	420	450	1695	2595	12	56-Φ24	8	JDR-610	4000
2500 × 2000	2570 × 2070	2630 × 2130	420	450	1895	2995	12	64-Φ24	8	JDR-610	4000
2800 × 2500	2870 × 2570	2930 × 2630	440	450	2145	3195	12	72-Φ24	8	JDR-610	4000
3200 × 2800	3270 × 2870	3330 × 2930	480	480	2325	3825	12	80-Φ24	10	JDR-610	4000
3600 × 3200	3670 × 3270	3730 × 3330	520	480	2525	4225	12	88-Φ24	10	JDR-610	4000
4000 × 3600	4070 × 4670	4130 × 3730	560	480	2725	4825	12	100-Φ24	10	JDR-610	4000

应用领域

APPLICATION FIELD

Leading the
Global Valve Industry.

公司专业生产高中低压工业系列阀门、超低温阀门、水系统阀门、特殊阀门、船用阀门、水泵等36大系列阀门产品。产品涉及多种领域，市场覆盖全国，并远销欧州、北美、中东和东南亚地区。

The company specializes in producing 36 series of valve products, including high, medium, and low pressure industrial valves, ultra-low temperature valves, water system valves, special valves, marine valves, and water pumps. The product covers various fields, with a nationwide market coverage, and is exported to Europe, North America, the Middle East, and Southeast Asia.

